# Astrodienst Ephemeris Tables

## for the year 1404

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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

# ASTRODIENST EPHEMERIS for the year 1404
# geocentric

## JANUARY 1404 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 7 12 50 | 18♑44'16 | 24♌32 | 29°R28 | 9♑55 | 7♈39 | 22♑51 | 11♒19 | 6♑52 | 13°R56 | 7°R43 | 10♌43 | 11♌54 | 13♌ 3 | 21°R45 | T 1 |
| W 2 | 7 16 46 | 19°45'22 | 6♍20 | 28♑38 | 11°10 | 8°17 | 23° 5 | 11°26 | 6°55 | 13♊55 | 7♊42 | 10°44 | 11°51 | 13°10 | 21♊41 | W 2 |
| T 3 | 7 20 43 | 20°46'27 | 18°12 | 27°40 | 12°25 | 8°56 | 23°19 | 11°33 | 6°59 | 13°53 | 7°41 | 10°46 | 11°48 | 13°17 | 21°38 | T 3 |
| F 4 | 7 24 39 | 21°47'31 | 0♎12 | 26°33 | 13°41 | 9°35 | 23°34 | 11°40 | 7° 2 | 13°52 | 7°40 | 10°48 | 11°45 | 13°23 | 21°35 | F 4 |
| S 5 | 7 28 36 | 22°48'35 | 12°26 | 25°21 | 14°56 | 10°13 | 23°48 | 11°47 | 7° 6 | 13°51 | 7°39 | 10°49 | 11°42 | 13°30 | 21°31 | S 5 |
| S 6 | 7 32 32 | 23°49'38 | 24°56 | 24° 5 | 16°12 | 10°52 | 24° 2 | 11°54 | 7° 9 | 13°50 | 7°39 | 10°R49 | 11°38 | 13°36 | 21°28 | S 6 |
| M 7 | 7 36 29 | 24°50'41 | 7♏49 | 22°48 | 17°27 | 11°31 | 24°16 | 12° 1 | 7°13 | 13°48 | 7°38 | 10°49 | 11°35 | 13°43 | 21°25 | M 7 |
| T 8 | 7 40 25 | 25°51'44 | 21° 7 | 21°33 | 18°42 | 12°10 | 24°30 | 12° 8 | 7°16 | 13°47 | 7°37 | 10°47 | 11°32 | 13°50 | 21°22 | T 8 |
| W 9 | 7 44 22 | 26°52'46 | 4♐53 | 20°20 | 19°58 | 12°48 | 24°45 | 12°15 | 7°19 | 13°46 | 7°36 | 10°46 | 11°29 | 13°56 | 21°19 | W 9 |
| T 10 | 7 48 19 | 27°53'47 | 19° 6 | 19°13 | 21°13 | 13°27 | 24°59 | 12°22 | 7°23 | 13°45 | 7°36 | 10°44 | 11°26 | 14° 3 | 21°16 | T 10 |
| F 11 | 7 52 15 | 28°54'48 | 3♑44 | 18°12 | 22°28 | 14° 6 | 25°13 | 12°29 | 7°26 | 13°44 | 7°35 | 10°42 | 11°23 | 14°10 | 21°13 | F 11 |
| S 12 | 7 56 12 | 29°55'48 | 18°42 | 17°18 | 23°44 | 14°45 | 25°27 | 12°36 | 7°30 | 13°43 | 7°34 | 10°41 | 11°19 | 14°16 | 21°10 | S 12 |
| S 13 | 8 0 8 | 0♒56'47 | 3♒52 | 16°33 | 24°59 | 15°24 | 25°41 | 12°43 | 7°33 | 13°42 | 7°34 | 10°D41 | 11°16 | 14°23 | 21° 8 | S 13 |
| M14 | 8 4 5 | 1°57'45 | 19° 3 | 15°57 | 26°14 | 16° 3 | 25°55 | 12°50 | 7°36 | 13°41 | 7°33 | 10°41 | 11°13 | 14°30 | 21° 5 | M14 |
| T 15 | 8 8 1 | 2°58'41 | 4♓ 7 | 15°29 | 27°30 | 16°42 | 26°10 | 12°58 | 7°40 | 13°40 | 7°32 | 10°41 | 11°10 | 14°36 | 21° 2 | T 15 |
| W16 | 8 11 58 | 3°59'37 | 18°56 | 15°10 | 28°45 | 17°20 | 26°24 | 13° 5 | 7°43 | 13°39 | 7°32 | 10°42 | 11° 7 | 14°43 | 21° 0 | W16 |
| T 17 | 8 15 54 | 5° 0'30 | 3♈22 | 14°59 | 0♒ 0 | 17°59 | 26°38 | 13°12 | 7°46 | 13°38 | 7°31 | 10°42 | 11° 3 | 14°50 | 20°57 | T 17 |
| F 18 | 8 19 51 | 6° 1'23 | 17°25 | 14°D57 | 1°16 | 18°38 | 26°52 | 13°19 | 7°50 | 13°37 | 7°31 | 10°43 | 11° 0 | 14°56 | 20°55 | F 18 |
| S 19 | 8 23 48 | 7° 2'14 | 1♉ 1 | 15° 1 | 2°31 | 19°17 | 27° 6 | 13°26 | 7°53 | 13°36 | 7°30 | 10°43 | 10°57 | 15° 3 | 20°52 | S 19 |
| S 20 | 8 27 44 | 8° 3'03 | 14°14 | 15°13 | 3°46 | 19°56 | 27°20 | 13°33 | 7°56 | 13°35 | 7°30 | 10°R43 | 10°54 | 15° 9 | 20°50 | S 20 |
| M21 | 8 31 41 | 9° 3'51 | 27° 5 | 15°31 | 5° 1 | 20°35 | 27°34 | 13°41 | 7°59 | 13°34 | 7°29 | 10°43 | 10°51 | 15°16 | 20°48 | M21 |
| T 22 | 8 35 37 | 10° 4'38 | 9♊37 | 15°55 | 6°17 | 21°14 | 27°48 | 13°48 | 8° 2 | 13°34 | 7°29 | 10°43 | 10°48 | 15°23 | 20°46 | T 22 |
| W23 | 8 39 34 | 11° 5'23 | 21°55 | 16°25 | 7°32 | 21°53 | 28° 2 | 13°55 | 8° 6 | 13°33 | 7°28 | 10°D43 | 10°44 | 15°29 | 20°44 | W23 |
| T 24 | 8 43 30 | 12° 6'06 | 4♋ 1 | 17° 0 | 8°47 | 22°32 | 28°16 | 14° 2 | 8° 9 | 13°32 | 7°28 | 10°43 | 10°41 | 15°36 | 20°42 | T 24 |
| F 25 | 8 47 27 | 13° 6'48 | 15°59 | 17°39 | 10° 2 | 23°11 | 28°30 | 14° 9 | 8°12 | 13°31 | 7°28 | 10°43 | 10°38 | 15°43 | 20°40 | F 25 |
| S 26 | 8 51 23 | 14° 7'28 | 27°51 | 18°23 | 11°17 | 23°50 | 28°44 | 14°17 | 8°15 | 13°31 | 7°27 | 10°43 | 10°35 | 15°49 | 20°38 | S 26 |
| S 27 | 8 55 20 | 15° 8'07 | 9♌39 | 19°11 | 12°33 | 24°29 | 28°58 | 14°24 | 8°18 | 13°30 | 7°27 | 10°R44 | 10°32 | 15°56 | 20°36 | S 27 |
| M28 | 8 59 17 | 16° 8'45 | 21°27 | 20° 2 | 13°48 | 25° 8 | 29°12 | 14°31 | 8°21 | 13°29 | 7°26 | 10°43 | 10°28 | 16° 3 | 20°35 | M28 |
| T 29 | 9 3 13 | 17° 9'20 | 3♍16 | 20°56 | 15° 3 | 25°47 | 29°26 | 14°38 | 8°24 | 13°29 | 7°26 | 10°43 | 10°25 | 16° 9 | 20°33 | T 29 |
| W30 | 9 7 10 | 18° 9'55 | 15° 8 | 21°54 | 16°18 | 26°26 | 29°40 | 14°46 | 8°27 | 13°28 | 7°26 | 10°42 | 10°22 | 16°16 | 20°32 | W30 |
| T 31 | 9 11 6 | 19♒10'28 | 27♍ 6 | 22♑54 | 17♒33 | 27♈ 6 | 29♑54 | 14♒53 | 8♑30 | 13♊28 | 7♊26 | 10♌41 | 10♌19 | 16♌23 | 20♊30 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 22s12 | 14n34 | 1n16 | 18s22 | 2n 1 | 23s34 | 0s25 | 3n 9 | 0n 6 | 21s56 | 0s22 | 18s23 | 0s59 | 23s39 | 0s19 | 21n 7 | 1s27 | 11n53 | 9s54 | 17n36 | 17n16 | 17n 3 | 16n52 | 6s24 |
| W 2 | 22 3 | 11 20 | 2 17 | 18 14 | 2 18 | 23 30 | 0 27 | 3 25 | 0 8 | 21 54 | 0 22 | 18 21 | 0 59 | 23 39 | 0 19 | 21 7 | 1 26 | 11 53 | 9 54 | 17 36 | 17 17 | 17 2 | 16 52 | 6 24 |
| T 3 | 21 54 | 7 38 | 3 13 | 18 10 | 2 35 | 23 26 | 0 30 | 3 41 | 0 9 | 21 52 | 0 22 | 18 19 | 0 59 | 23 39 | 0 19 | 21 7 | 1 26 | 11 53 | 9 54 | 17 35 | 17 18 | 17 1 | 16 52 | 6 23 |
| F 4 | 21 45 | 3 36 | 4 1 | 18 7 | 2 50 | 23 20 | 0 32 | 3 57 | 0 10 | 21 49 | 0 22 | 18 17 | 0 59 | 23 38 | 0 19 | 21 6 | 1 26 | 11 53 | 9 54 | 17 35 | 17 19 | 17 0 | 16 52 | 6 23 |
| S 5 | 21 35 | 0s39 | 4 39 | 18 8 | 3 3 | 23 14 | 0 34 | 4 14 | 0 11 | 21 47 | 0 23 | 18 15 | 0 59 | 23 38 | 0 19 | 21 6 | 1 26 | 11 54 | 9 53 | 17 35 | 17 20 | 16 59 | 16 52 | 6 23 |
| S 6 | 21 24 | 4 57 | 5 5 | 18 10 | 3 15 | 23 8 | 0 36 | 4 30 | 0 12 | 21 45 | 0 23 | 18 13 | 0 59 | 23 38 | 0 19 | 21 6 | 1 26 | 11 54 | 9 53 | 17 34 | 17 21 | 16 58 | 16 52 | 6 23 |
| M 7 | 21 14 | 9 10 | 5 17 | 18 14 | 3 23 | 23 1 | 0 39 | 4 46 | 0 13 | 21 42 | 0 23 | 18 11 | 0 59 | 23 38 | 0 19 | 21 6 | 1 26 | 11 54 | 9 53 | 17 35 | 17 22 | 16 57 | 16 52 | 6 23 |
| T 8 | 21 2 | 13 4 | 5 12 | 18 20 | 3 30 | 22 53 | 0 41 | 5 2 | 0 14 | 21 40 | 0 23 | 18 9 | 0 59 | 23 38 | 0 19 | 21 6 | 1 26 | 11 54 | 9 53 | 17 35 | 17 23 | 16 56 | 16 52 | 6 22 |
| W 9 | 20 51 | 16 26 | 4 50 | 18 27 | 3 33 | 22 44 | 0 43 | 5 18 | 0 15 | 21 37 | 0 23 | 18 7 | 0 59 | 23 38 | 0 19 | 21 6 | 1 26 | 11 54 | 9 53 | 17 35 | 17 24 | 16 54 | 16 52 | 6 22 |
| T 10 | 20 39 | 18 56 | 4 9 | 18 36 | 3 35 | 22 34 | 0 45 | 5 34 | 0 16 | 21 35 | 0 23 | 18 5 | 0 59 | 23 37 | 0 19 | 21 6 | 1 26 | 11 54 | 9 52 | 17 36 | 17 24 | 16 53 | 16 53 | 6 22 |
| F 11 | 20 26 | 20 17 | 3 11 | 18 45 | 3 34 | 22 24 | 0 47 | 5 50 | 0 17 | 21 32 | 0 23 | 18 3 | 0 59 | 23 37 | 0 19 | 21 6 | 1 26 | 11 54 | 9 52 | 17 36 | 17 25 | 16 52 | 16 53 | 6 22 |
| S 12 | 20 14 | 20 14 | 1 59 | 18 55 | 3 31 | 22 13 | 0 49 | 6 6 | 0 18 | 21 30 | 0 23 | 18 1 | 0 59 | 23 37 | 0 19 | 21 6 | 1 26 | 11 54 | 9 52 | 17 37 | 17 26 | 16 51 | 16 53 | 6 21 |
| S 13 | 20 1 | 18 44 | 0 38 | 19 5 | 3 26 | 22 2 | 0 51 | 6 22 | 0 19 | 21 27 | 0 23 | 17 59 | 0 59 | 23 37 | 0 19 | 21 6 | 1 26 | 11 54 | 9 52 | 17 37 | 17 27 | 16 50 | 16 53 | 6 21 |
| M14 | 19 47 | 15 54 | 0s46 | 19 16 | 3 19 | 21 50 | 0 53 | 6 38 | 0 20 | 21 25 | 0 23 | 17 57 | 0 59 | 23 37 | 0 19 | 21 5 | 1 26 | 11 54 | 9 51 | 17 37 | 17 28 | 16 49 | 16 53 | 6 21 |
| T 15 | 19 33 | 12 0 | 2 7 | 19 26 | 3 12 | 21 37 | 0 54 | 6 54 | 0 21 | 21 22 | 0 23 | 17 55 | 0 59 | 23 36 | 0 19 | 21 5 | 1 26 | 11 55 | 9 51 | 17 37 | 17 29 | 16 48 | 16 53 | 6 20 |
| W16 | 19 19 | 7 25 | 3 17 | 19 37 | 3 3 | 21 24 | 0 56 | 7 10 | 0 22 | 21 20 | 0 24 | 17 53 | 0 59 | 23 36 | 0 19 | 21 5 | 1 26 | 11 55 | 9 51 | 17 36 | 17 30 | 16 47 | 16 53 | 6 20 |
| T 17 | 19 4 | 2 31 | 4 13 | 19 48 | 2 53 | 21 10 | 0 58 | 7 26 | 0 23 | 21 17 | 0 24 | 17 51 | 0 59 | 23 36 | 0 19 | 21 5 | 1 26 | 11 55 | 9 51 | 17 36 | 17 31 | 16 46 | 16 53 | 6 20 |
| F 18 | 18 50 | 2n21 | 4 52 | 19 58 | 2 43 | 20 55 | 1 0 | 7 42 | 0 24 | 21 14 | 0 24 | 17 49 | 0 59 | 23 36 | 0 19 | 21 5 | 1 26 | 11 55 | 9 51 | 17 36 | 17 31 | 16 45 | 16 53 | 6 20 |
| S 19 | 18 34 | 6 58 | 5 14 | 20 8 | 2 32 | 20 39 | 1 1 | 7 57 | 0 25 | 21 12 | 0 24 | 17 47 | 0 59 | 23 36 | 0 19 | 21 5 | 1 26 | 11 55 | 9 50 | 17 36 | 17 32 | 16 44 | 16 54 | 6 19 |
| S 20 | 18 19 | 11 6 | 5 18 | 20 18 | 2 21 | 20 24 | 1 3 | 8 13 | 0 26 | 21 9 | 0 24 | 17 45 | 1 0 | 23 36 | 0 19 | 21 5 | 1 26 | 11 55 | 9 50 | 17 36 | 17 33 | 16 42 | 16 54 | 6 19 |
| M21 | 18 3 | 14 37 | 5 5 | 20 27 | 2 10 | 20 7 | 1 5 | 8 28 | 0 26 | 21 6 | 0 24 | 17 43 | 1 0 | 23 35 | 0 19 | 21 5 | 1 26 | 11 55 | 9 50 | 17 36 | 17 34 | 16 41 | 16 54 | 6 19 |
| T 22 | 17 47 | 17 22 | 4 39 | 20 36 | 1 59 | 19 50 | 1 6 | 8 44 | 0 27 | 21 4 | 0 24 | 17 41 | 1 0 | 23 35 | 0 19 | 21 5 | 1 26 | 11 56 | 9 50 | 17 36 | 17 35 | 16 40 | 16 54 | 6 18 |
| W23 | 17 30 | 19 17 | 4 0 | 20 44 | 1 47 | 19 32 | 1 8 | 8 59 | 0 28 | 21 1 | 0 24 | 17 39 | 1 0 | 23 35 | 0 19 | 21 5 | 1 26 | 11 56 | 9 49 | 17 36 | 17 36 | 16 39 | 16 54 | 6 18 |
| T 24 | 17 13 | 20 17 | 3 10 | 20 51 | 1 36 | 19 14 | 1 9 | 9 15 | 0 29 | 20 58 | 0 24 | 17 37 | 1 0 | 23 35 | 0 19 | 21 5 | 1 26 | 11 56 | 9 49 | 17 36 | 17 37 | 16 38 | 16 55 | 6 18 |
| F 25 | 16 56 | 20 21 | 2 13 | 20 57 | 1 24 | 18 55 | 1 10 | 9 30 | 0 30 | 20 56 | 0 25 | 17 35 | 1 0 | 23 35 | 0 19 | 21 5 | 1 25 | 11 56 | 9 49 | 17 36 | 17 38 | 16 37 | 16 55 | 6 17 |
| S 26 | 16 39 | 19 30 | 1 11 | 21 3 | 1 13 | 18 36 | 1 12 | 9 45 | 0 31 | 20 53 | 0 25 | 17 33 | 1 0 | 23 35 | 0 19 | 21 5 | 1 25 | 11 56 | 9 49 | 17 36 | 17 38 | 16 36 | 16 55 | 6 17 |
| S 27 | 16 21 | 17 48 | 0 6 | 21 7 | 1 2 | 18 16 | 1 13 | 10 0 | 0 31 | 20 50 | 0 25 | 17 31 | 1 0 | 23 34 | 0 19 | 21 5 | 1 25 | 11 56 | 9 48 | 17 36 | 17 39 | 16 34 | 16 55 | 6 17 |
| M28 | 16 3 | 15 20 | 0n59 | 21 10 | 0 51 | 17 55 | 1 14 | 10 15 | 0 32 | 20 47 | 0 25 | 17 29 | 1 0 | 23 34 | 0 19 | 21 5 | 1 25 | 11 57 | 9 48 | 17 36 | 17 40 | 16 33 | 16 56 | 6 16 |
| T 29 | 15 45 | 12 14 | 2 2 | 21 13 | 0 40 | 17 35 | 1 15 | 10 30 | 0 33 | 20 44 | 0 25 | 17 27 | 1 0 | 23 34 | 0 19 | 21 5 | 1 25 | 11 57 | 9 48 | 17 36 | 17 41 | 16 32 | 16 56 | 6 16 |
| W30 | 15 26 | 8 38 | 3 0 | 21 14 | 0 30 | 17 13 | 1 17 | 10 45 | 0 34 | 20 42 | 0 25 | 17 25 | 1 0 | 23 34 | 0 19 | 21 5 | 1 25 | 11 57 | 9 48 | 17 36 | 17 42 | 16 31 | 16 56 | 6 15 |
| T 31 | 15s 7 | 4n41 | 3n50 | 21s14 | 0n20 | 16s51 | 1s18 | 11n 0 | 0n34 | 20s39 | 0s25 | 17s23 | 1s 0 | 23s34 | 0s19 | 21n 5 | 1s25 | 11n57 | 9s48 | 17n37 | 17n43 | 16n30 | 16n56 | 6s15 |

Julian Day Number = 2233868.5, Delta T = 07m47s
Ecliptic obliquity = 23°30'54, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°25'34, Lahiri = 15°32'35 Julian Calendar 1 Jan. 1404 == Greg. Calendar 10 Jan. 1404

# ASTRODIENST EPHEMERIS for the year 1404
# geocentric

## FEBRUARY 1404 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 9 15 3 | 20♒10'59 | 9♎12 | 23♑57 | 18♒48 | 27♈45 | 0♒ 8 | 15♒ 0 | 8♑33 | 13°R27 | 7°R25 | 10°R40 | 10♌16 | 16♌29 | 20°R29 | F 1 |
| S 2 | 9 18 59 | 21°11'29 | 21°29 | 25° 2 | 20° 3 | 28°24 | 0°21 | 15° 7 | 8°36 | 13♊27 | 7♊25 | 10♌38 | 10°13 | 16°36 | 20♊28 | S 2 |
| S 3 | 9 22 56 | 22°11'58 | 4♏ 1 | 26° 9 | 21°18 | 29° 3 | 0°35 | 15°14 | 8°39 | 13°26 | 7°25 | 10°37 | 10° 9 | 16°43 | 20°27 | S 3 |
| M 4 | 9 26 52 | 23°12'26 | 16°50 | 27°19 | 22°34 | 29°42 | 0°49 | 15°22 | 8°41 | 13°26 | 7°25 | 10°37 | 10° 6 | 16°49 | 20°25 | M 4 |
| T 5 | 9 30 49 | 24°12'52 | 0♐ 1 | 28°30 | 23°49 | 0♉21 | 1° 3 | 15°29 | 8°44 | 13°26 | 7°24 | 10°D37 | 10° 3 | 16°56 | 20°24 | T 5 |
| W 6 | 9 34 45 | 25°13'17 | 13°35 | 29°44 | 25° 4 | 1° 0 | 1°16 | 15°36 | 8°47 | 13°25 | 7°24 | 10°37 | 10° 0 | 17° 2 | 20°24 | W 6 |
| T 7 | 9 38 42 | 26°13'40 | 27°34 | 0♒59 | 26°19 | 1°39 | 1°30 | 15°43 | 8°50 | 13°25 | 7°24 | 10°38 | 9°57 | 17° 9 | 20°23 | T 7 |
| F 8 | 9 42 39 | 27°14'02 | 11♑59 | 2°15 | 27°34 | 2°18 | 1°43 | 15°50 | 8°52 | 13°25 | 7°24 | 10°40 | 9°54 | 17°16 | 20°22 | F 8 |
| S 9 | 9 46 35 | 28°14'23 | 26°45 | 3°34 | 28°49 | 2°57 | 1°57 | 15°57 | 8°55 | 13°25 | 7°24 | 10°41 | 9°50 | 17°22 | 20°21 | S 9 |
| S 10 | 9 50 32 | 29°14'41 | 11♒47 | 4°53 | 0♓ 4 | 3°36 | 2°10 | 16° 4 | 8°58 | 13°25 | 7°24 | 10°R41 | 9°47 | 17°29 | 20°21 | S 10 |
| M11 | 9 54 28 | 0♓14'59 | 26°59 | 6°15 | 1°19 | 4°15 | 2°24 | 16°12 | 9° 0 | 13°24 | 7°24 | 10°40 | 9°44 | 17°36 | 20°20 | M11 |
| T 12 | 9 58 25 | 1°15'14 | 12♓10 | 7°37 | 2°34 | 4°54 | 2°37 | 16°19 | 9° 3 | 13°24 | 7°D24 | 10°39 | 9°41 | 17°42 | 20°20 | T 12 |
| W13 | 10 2 21 | 2°15'27 | 27°10 | 9° 1 | 3°49 | 5°33 | 2°50 | 16°26 | 9° 5 | 13°24 | 7°24 | 10°36 | 9°38 | 17°49 | 20°20 | W13 |
| T 14 | 10 6 18 | 3°15'39 | 11♈51 | 10°26 | 5° 4 | 6°12 | 3° 4 | 16°33 | 9° 8 | 13°24 | 7°24 | 10°33 | 9°34 | 17°56 | 20°19 | T 14 |
| F 15 | 10 10 14 | 4°15'48 | 26° 8 | 11°53 | 6°19 | 6°51 | 3°17 | 16°40 | 9°10 | 13°D24 | 7°24 | 10°30 | 9°31 | 18° 2 | 20°19 | F 15 |
| S 16 | 10 14 11 | 5°15'55 | 9♉56 | 13°20 | 7°34 | 7°30 | 3°30 | 16°47 | 9°12 | 13°24 | 7°24 | 10°27 | 9°28 | 18° 9 | 20°D19 | S 16 |
| S 17 | 10 18 8 | 6°16'00 | 23°16 | 14°49 | 8°48 | 8° 9 | 3°43 | 16°54 | 9°15 | 13°24 | 7°24 | 10°25 | 9°25 | 18°16 | 20°19 | S 17 |
| M18 | 10 22 4 | 7°16'03 | 6♊11 | 16°19 | 10° 3 | 8°48 | 3°56 | 17° 1 | 9°17 | 13°24 | 7°24 | 10°D24 | 9°22 | 18°22 | 20°20 | M18 |
| T 19 | 10 26 1 | 8°16'04 | 18°42 | 17°51 | 11°18 | 9°27 | 4° 9 | 17° 8 | 9°19 | 13°25 | 7°24 | 10°25 | 9°19 | 18°29 | 20°20 | T 19 |
| W20 | 10 29 57 | 9°16'03 | 0♋56 | 19°23 | 12°33 | 10° 6 | 4°22 | 17°14 | 9°22 | 13°25 | 7°25 | 10°26 | 9°15 | 18°35 | 20°20 | W20 |
| T 21 | 10 33 54 | 10°15'59 | 12°57 | 20°57 | 13°48 | 10°45 | 4°35 | 17°21 | 9°24 | 13°25 | 7°25 | 10°28 | 9°12 | 18°42 | 20°21 | T 21 |
| F 22 | 10 37 50 | 11°15'53 | 24°49 | 22°32 | 15° 3 | 11°24 | 4°48 | 17°28 | 9°26 | 13°25 | 7°25 | 10°30 | 9° 9 | 18°49 | 20°21 | F 22 |
| S 23 | 10 41 47 | 12°15'46 | 6♌36 | 24° 8 | 16°17 | 12° 3 | 5° 0 | 17°35 | 9°28 | 13°25 | 7°25 | 10°R31 | 9° 6 | 18°55 | 20°22 | S 23 |
| S 24 | 10 45 43 | 13°15'35 | 18°22 | 25°45 | 17°32 | 12°42 | 5°13 | 17°42 | 9°30 | 13°26 | 7°26 | 10°30 | 9° 3 | 19° 2 | 20°22 | S 24 |
| M25 | 10 49 40 | 14°15'23 | 0♍11 | 27°23 | 18°47 | 13°21 | 5°26 | 17°48 | 9°32 | 13°26 | 7°26 | 10°29 | 9° 0 | 19° 9 | 20°23 | M25 |
| T 26 | 10 53 37 | 15°15'09 | 12° 5 | 29° 2 | 20° 2 | 14° 0 | 5°38 | 17°55 | 9°34 | 13°26 | 7°26 | 10°25 | 8°56 | 19°15 | 20°24 | T 26 |
| W27 | 10 57 33 | 16°14'52 | 24° 5 | 0♓43 | 21°16 | 14°39 | 5°51 | 18° 2 | 9°36 | 13°27 | 7°26 | 10°20 | 8°53 | 19°22 | 20°25 | W27 |
| T 28 | 11 1 30 | 17°14'34 | 6♎14 | 2°25 | 22°31 | 15°18 | 6° 3 | 18° 8 | 9°38 | 13°27 | 7°27 | 10°13 | 8°50 | 19°29 | 20°26 | T 28 |
| F 29 | 11 5 26 | 18♓14'14 | 18♎32 | 4♓ 8 | 23♓46 | 15♉57 | 6♒16 | 18♒15 | 9♑40 | 13♊28 | 7♊27 | 10♌ 6 | 8♌47 | 19♌35 | 20♊27 | F 29 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 14s48 | 0n30 | 4n31 | 21s14 | 0n10 | 16s29 | 1s19 | 11n15 | 0n35 | 20s36 | 0s25 | 17s21 | 1s 0 | 23s34 | 0s19 | 21n 5 | 1s25 | 11n57 | 9s47 | 17n37 | 17n44 | 16n29 | 16n57 | 6s15 |
| S 2 | 14 29 | 3s46 | 5 0 | 21 11 | 0 0 | 16 6 | 1 20 | 11 30 | 0 36 | 20 33 | 0 25 | 17 19 | 1 0 | 23 33 | 0 19 | 21 5 | 1 25 | 11 58 | 9 47 | 17 37 | 17 44 | 16 28 | 16 57 | 6 14 |
| S 3 | 14 9 | 7 57 | 5 15 | 21 8 | 0s 9 | 15 43 | 1 20 | 11 44 | 0 37 | 20 30 | 0 26 | 17 17 | 1 0 | 23 33 | 0 19 | 21 5 | 1 25 | 11 58 | 9 47 | 17 38 | 17 45 | 16 26 | 16 57 | 6 14 |
| M 4 | 13 50 | 11 53 | 5 15 | 21 4 | 0 18 | 15 19 | 1 21 | 11 59 | 0 37 | 20 27 | 0 26 | 17 15 | 1 1 | 23 33 | 0 19 | 21 5 | 1 25 | 11 58 | 9 47 | 17 38 | 17 46 | 16 25 | 16 58 | 6 13 |
| T 5 | 13 30 | 15 20 | 4 59 | 20 58 | 0 27 | 14 55 | 1 22 | 12 13 | 0 38 | 20 25 | 0 26 | 17 13 | 1 1 | 23 33 | 0 19 | 21 5 | 1 25 | 11 58 | 9 46 | 17 38 | 17 47 | 16 24 | 16 58 | 6 13 |
| W 6 | 13 9 | 18 6 | 4 26 | 20 51 | 0 36 | 14 30 | 1 23 | 12 28 | 0 39 | 20 22 | 0 26 | 17 11 | 1 1 | 23 33 | 0 19 | 21 5 | 1 25 | 11 58 | 9 46 | 17 38 | 17 48 | 16 23 | 16 58 | 6 13 |
| T 7 | 12 49 | 19 53 | 3 37 | 20 43 | 0 44 | 14 5 | 1 23 | 12 42 | 0 39 | 20 19 | 0 26 | 17 9 | 1 1 | 23 33 | 0 19 | 21 5 | 1 25 | 11 59 | 9 46 | 17 37 | 17 49 | 16 22 | 16 59 | 6 12 |
| F 8 | 12 28 | 20 27 | 2 32 | 20 33 | 0 52 | 13 40 | 1 24 | 12 56 | 0 40 | 20 16 | 0 26 | 17 6 | 1 1 | 23 32 | 0 19 | 21 5 | 1 25 | 11 59 | 9 46 | 17 37 | 17 50 | 16 20 | 16 59 | 6 12 |
| S 9 | 12 7 | 19 37 | 1 16 | 20 23 | 0 59 | 13 14 | 1 24 | 13 10 | 0 41 | 20 13 | 0 26 | 17 4 | 1 1 | 23 32 | 0 19 | 21 5 | 1 25 | 11 59 | 9 45 | 17 37 | 17 50 | 16 19 | 16 59 | 6 11 |
| S 10 | 11 46 | 17 24 | 0s 6 | 20 11 | 1 6 | 12 48 | 1 25 | 13 24 | 0 41 | 20 10 | 0 26 | 17 2 | 1 1 | 23 32 | 0 19 | 21 5 | 1 25 | 11 59 | 9 45 | 17 37 | 17 51 | 16 18 | 17 0 | 6 11 |
| M11 | 11 25 | 13 57 | 1 29 | 19 57 | 1 13 | 12 22 | 1 25 | 13 38 | 0 42 | 20 7 | 0 27 | 17 0 | 1 1 | 23 32 | 0 19 | 21 5 | 1 25 | 12 0 | 9 45 | 17 37 | 17 52 | 16 17 | 17 0 | 6 11 |
| T 12 | 11 4 | 9 34 | 2 45 | 19 42 | 1 20 | 11 55 | 1 25 | 13 52 | 0 43 | 20 4 | 0 27 | 16 58 | 1 1 | 23 32 | 0 19 | 21 5 | 1 24 | 12 0 | 9 45 | 17 37 | 17 53 | 16 16 | 17 1 | 6 10 |
| W13 | 10 42 | 4 38 | 3 49 | 19 26 | 1 26 | 11 28 | 1 26 | 14 6 | 0 43 | 20 1 | 0 27 | 16 56 | 1 1 | 23 32 | 0 19 | 21 5 | 1 24 | 12 0 | 9 44 | 17 38 | 17 54 | 16 14 | 17 1 | 6 10 |
| T 14 | 10 21 | 0n27 | 4 37 | 19 9 | 1 32 | 11 1 | 1 26 | 14 19 | 0 44 | 19 58 | 0 27 | 16 54 | 1 1 | 23 31 | 0 20 | 21 5 | 1 24 | 12 0 | 9 44 | 17 39 | 17 55 | 16 13 | 17 1 | 6 9 |
| F 15 | 9 59 | 5 23 | 5 5 | 18 50 | 1 37 | 10 33 | 1 26 | 14 33 | 0 44 | 19 55 | 0 27 | 16 52 | 1 2 | 23 31 | 0 20 | 21 5 | 1 24 | 12 1 | 9 44 | 17 40 | 17 56 | 16 12 | 17 2 | 6 9 |
| S 16 | 9 37 | 9 51 | 5 15 | 18 30 | 1 42 | 10 5 | 1 26 | 14 46 | 0 45 | 19 52 | 0 27 | 16 50 | 1 2 | 23 31 | 0 20 | 21 5 | 1 24 | 12 1 | 9 43 | 17 41 | 17 56 | 16 11 | 17 2 | 6 8 |
| S 17 | 9 14 | 13 41 | 5 7 | 18 9 | 1 47 | 9 37 | 1 26 | 14 59 | 0 46 | 19 50 | 0 27 | 16 48 | 1 2 | 23 31 | 0 20 | 21 5 | 1 24 | 12 1 | 9 43 | 17 41 | 17 57 | 16 10 | 17 3 | 6 8 |
| M18 | 8 52 | 16 45 | 4 44 | 17 46 | 1 51 | 9 9 | 1 26 | 15 12 | 0 46 | 19 47 | 0 27 | 16 46 | 1 2 | 23 31 | 0 20 | 21 5 | 1 24 | 12 1 | 9 43 | 17 41 | 17 58 | 16 8 | 17 3 | 6 7 |
| T 19 | 8 30 | 18 55 | 4 8 | 17 22 | 1 55 | 8 40 | 1 26 | 15 25 | 0 47 | 19 44 | 0 28 | 16 44 | 1 2 | 23 31 | 0 20 | 21 5 | 1 24 | 12 2 | 9 43 | 17 41 | 17 59 | 16 7 | 17 4 | 6 7 |
| W20 | 8 7 | 20 10 | 3 21 | 16 56 | 1 59 | 8 11 | 1 26 | 15 38 | 0 47 | 19 41 | 0 28 | 16 42 | 1 2 | 23 31 | 0 20 | 21 5 | 1 24 | 12 2 | 9 42 | 17 41 | 18 0 | 16 6 | 17 4 | 6 7 |
| T 21 | 7 45 | 20 28 | 2 26 | 16 29 | 2 2 | 7 42 | 1 25 | 15 51 | 0 48 | 19 38 | 0 28 | 16 40 | 1 2 | 23 30 | 0 20 | 21 6 | 1 24 | 12 2 | 9 42 | 17 40 | 18 1 | 16 5 | 17 4 | 6 6 |
| F 22 | 7 22 | 19 50 | 1 25 | 16 1 | 2 5 | 7 13 | 1 25 | 16 4 | 0 48 | 19 35 | 0 28 | 16 38 | 1 2 | 23 30 | 0 20 | 21 6 | 1 24 | 12 3 | 9 42 | 17 40 | 18 1 | 16 3 | 17 5 | 6 6 |
| S 23 | 6 59 | 18 20 | 0 21 | 15 31 | 2 7 | 6 44 | 1 25 | 16 17 | 0 49 | 19 32 | 0 28 | 16 36 | 1 2 | 23 30 | 0 20 | 21 6 | 1 24 | 12 3 | 9 42 | 17 40 | 18 2 | 16 2 | 17 5 | 6 5 |
| S 24 | 6 36 | 16 3 | 0n43 | 15 0 | 2 9 | 6 14 | 1 24 | 16 29 | 0 49 | 19 29 | 0 28 | 16 34 | 1 2 | 23 30 | 0 20 | 21 6 | 1 24 | 12 3 | 9 41 | 17 40 | 18 3 | 16 1 | 17 6 | 6 5 |
| M25 | 6 13 | 13 5 | 1 46 | 14 28 | 2 11 | 5 44 | 1 24 | 16 41 | 0 50 | 19 26 | 0 28 | 16 32 | 1 3 | 23 30 | 0 20 | 21 6 | 1 24 | 12 3 | 9 41 | 17 40 | 18 4 | 16 0 | 17 6 | 6 4 |
| T 26 | 5 50 | 9 35 | 2 44 | 13 54 | 2 12 | 5 14 | 1 23 | 16 54 | 0 50 | 19 23 | 0 29 | 16 30 | 1 3 | 23 30 | 0 20 | 21 6 | 1 24 | 12 4 | 9 41 | 17 41 | 18 5 | 15 58 | 17 7 | 6 4 |
| W27 | 5 27 | 5 39 | 3 36 | 13 19 | 2 13 | 4 44 | 1 23 | 17 6 | 0 51 | 19 20 | 0 29 | 16 28 | 1 3 | 23 30 | 0 20 | 21 6 | 1 24 | 12 4 | 9 41 | 17 42 | 18 6 | 15 57 | 17 7 | 6 4 |
| T 28 | 5 3 | 1 28 | 4 18 | 12 43 | 2 13 | 4 14 | 1 22 | 17 18 | 0 51 | 19 17 | 0 29 | 16 26 | 1 3 | 23 30 | 0 20 | 21 6 | 1 24 | 12 4 | 9 40 | 17 44 | 18 6 | 15 56 | 17 8 | 6 3 |
| F 29 | 4s40 | 2s50 | 4n49 | 12s 5 | 2s13 | 3s43 | 1s21 | 17n29 | 0n52 | 19s14 | 0s29 | 16s24 | 1s 3 | 23s30 | 0s20 | 21n 6 | 1s24 | 12n 5 | 9s40 | 17n46 | 18n 7 | 15n55 | 17n 8 | 6s 3 |

Julian Day Number = 2233899.5, Delta T = 07m46s
Ecliptic obliquity = 23°30'54, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°25'39, Lahiri = 15°32'39 Julian Calendar 1 Feb. 1404 == Greg. Calendar 10 Feb. 1404

# ASTRODIENST EPHEMERIS for the year 1404
# geocentric

## MARCH 1404 JC

**00:00 UT**

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 11 9 23 | 19♓13'52 | 1♏ 2 | 5♓53 | 25♓ 0 | 16♉36 | 6♒28 | 18♒22 | 9♑41 | 13♊28 | 7♊28 | 10°R 0 | 8♌44 | 19♌42 | 20♊28 | S 1 |
| S 2 | 11 13 19 | 20°13'27 | 13°43 | 7°38 | 26°15 | 17°15 | 6°40 | 18°28 | 9°43 | 13°29 | 7°28 | 9♌54 | 8°40 | 19°49 | 20°29 | S 2 |
| M 3 | 11 17 16 | 21°13'02 | 26°39 | 9°25 | 27°30 | 17°53 | 6°52 | 18°35 | 9°45 | 13°29 | 7°28 | 9°49 | 8°37 | 19°55 | 20°31 | M 3 |
| T 4 | 11 21 12 | 22°12'34 | 9♐50 | 11°13 | 28°44 | 18°32 | 7° 4 | 18°41 | 9°46 | 13°30 | 7°29 | 9°47 | 8°34 | 20° 2 | 20°32 | T 4 |
| W 5 | 11 25 9 | 23°12'05 | 23°19 | 13° 2 | 29°59 | 19°11 | 7°16 | 18°48 | 9°48 | 13°31 | 7°29 | 9°D46 | 8°31 | 20° 9 | 20°34 | W 5 |
| T 6 | 11 29 6 | 24°11'34 | 7♑ 7 | 14°53 | 1♈13 | 19°50 | 7°28 | 18°54 | 9°50 | 13°31 | 7°30 | 9°46 | 8°28 | 20°15 | 20°35 | T 6 |
| F 7 | 11 33 2 | 25°11'01 | 21°14 | 16°45 | 2°28 | 20°29 | 7°40 | 19° 0 | 9°51 | 13°32 | 7°30 | 9°48 | 8°25 | 20°22 | 20°37 | F 7 |
| S 8 | 11 36 59 | 26°10'26 | 5♒41 | 18°38 | 3°42 | 21° 8 | 7°52 | 19° 6 | 9°53 | 13°33 | 7°31 | 9°R48 | 8°21 | 20°28 | 20°39 | S 8 |
| S 9 | 11 40 55 | 27° 9'50 | 20°24 | 20°33 | 4°57 | 21°47 | 8° 3 | 19°13 | 9°54 | 13°33 | 7°31 | 9°48 | 8°18 | 20°35 | 20°41 | S 9 |
| M10 | 11 44 52 | 28° 9'12 | 5♓19 | 22°29 | 6°11 | 22°25 | 8°15 | 19°19 | 9°55 | 13°34 | 7°32 | 9°46 | 8°15 | 20°42 | 20°43 | M10 |
| T 11 | 11 48 48 | 29° 8'31 | 20°18 | 24°26 | 7°26 | 23° 4 | 8°26 | 19°25 | 9°57 | 13°35 | 7°33 | 9°41 | 8°12 | 20°48 | 20°45 | T 11 |
| W12 | 11 52 45 | 0♈ 7'49 | 5♈12 | 26°24 | 8°40 | 23°43 | 8°38 | 19°31 | 9°58 | 13°36 | 7°33 | 9°34 | 8° 9 | 20°55 | 20°47 | W12 |
| T 13 | 11 56 41 | 1° 7'04 | 19°53 | 28°23 | 9°55 | 24°22 | 8°49 | 19°37 | 9°59 | 13°37 | 7°34 | 9°26 | 8° 5 | 21° 2 | 20°49 | T 13 |
| F 14 | 12 0 38 | 2° 6'18 | 4♉13 | 0♈24 | 11° 9 | 25° 1 | 9° 0 | 19°43 | 10° 0 | 13°38 | 7°34 | 9°18 | 8° 2 | 21° 8 | 20°51 | F 14 |
| S 15 | 12 4 34 | 3° 5'29 | 18° 7 | 2°25 | 12°23 | 25°39 | 9°11 | 19°49 | 10° 1 | 13°39 | 7°35 | 9°10 | 7°59 | 21°15 | 20°54 | S 15 |
| S 16 | 12 8 31 | 4° 4'38 | 1♊34 | 4°28 | 13°38 | 26°18 | 9°22 | 19°55 | 10° 3 | 13°40 | 7°36 | 9° 4 | 7°56 | 21°22 | 20°56 | S 16 |
| M17 | 12 12 28 | 5° 3'44 | 14°34 | 6°31 | 14°52 | 26°57 | 9°33 | 20° 1 | 10° 4 | 13°41 | 7°36 | 8°59 | 7°53 | 21°28 | 20°59 | M17 |
| T 18 | 12 16 24 | 6° 2'48 | 27° 9 | 8°35 | 16° 6 | 27°36 | 9°44 | 20° 7 | 10° 5 | 13°42 | 7°37 | 8°57 | 7°50 | 21°35 | 21° 1 | T 18 |
| W19 | 12 20 21 | 7° 1'50 | 9♋24 | 10°40 | 17°21 | 28°14 | 9°55 | 20°12 | 10° 5 | 13°43 | 7°38 | 8°D57 | 7°46 | 21°42 | 21° 4 | W19 |
| T 20 | 12 24 17 | 8° 0'50 | 21°25 | 12°45 | 18°35 | 28°53 | 10° 5 | 20°18 | 10° 6 | 13°44 | 7°39 | 8°57 | 7°43 | 21°48 | 21° 7 | T 20 |
| F 21 | 12 28 14 | 8°59'47 | 3♌16 | 14°49 | 19°49 | 29°32 | 10°16 | 20°24 | 10° 7 | 13°45 | 7°40 | 8°R58 | 7°40 | 21°55 | 21°10 | F 21 |
| S 22 | 12 32 10 | 9°58'42 | 15° 3 | 16°54 | 21° 3 | 0♊10 | 10°26 | 20°29 | 10° 8 | 13°46 | 7°40 | 8°58 | 7°37 | 22° 2 | 21°13 | S 22 |
| S 23 | 12 36 7 | 10°57'35 | 26°50 | 18°58 | 22°17 | 0°49 | 10°37 | 20°35 | 10° 9 | 13°48 | 7°41 | 8°56 | 7°34 | 22° 8 | 21°16 | S 23 |
| M24 | 12 40 3 | 11°56'25 | 8♍42 | 21° 2 | 23°32 | 1°28 | 10°47 | 20°40 | 10° 9 | 13°49 | 7°42 | 8°52 | 7°31 | 22°15 | 21°19 | M24 |
| T 25 | 12 44 0 | 12°55'13 | 20°43 | 23° 4 | 24°46 | 2° 6 | 10°57 | 20°45 | 10°10 | 13°50 | 7°43 | 8°45 | 7°27 | 22°22 | 21°22 | T 25 |
| W26 | 12 47 57 | 13°53'59 | 2♎53 | 25° 4 | 26° 0 | 2°45 | 11° 7 | 20°51 | 10°10 | 13°51 | 7°44 | 8°36 | 7°24 | 22°28 | 21°25 | W26 |
| T 27 | 12 51 53 | 14°52'43 | 15°16 | 27° 3 | 27°14 | 3°24 | 11°17 | 20°56 | 10°11 | 13°53 | 7°45 | 8°25 | 7°21 | 22°35 | 21°28 | T 27 |
| F 28 | 12 55 50 | 15°51'25 | 27°51 | 29° 0 | 28°28 | 4° 2 | 11°27 | 21° 1 | 10°11 | 13°54 | 7°45 | 8°13 | 7°18 | 22°41 | 21°31 | F 28 |
| S 29 | 12 59 46 | 16°50'05 | 10♏38 | 0♉54 | 29°42 | 4°41 | 11°36 | 21° 6 | 10°12 | 13°55 | 7°46 | 8° 2 | 7°15 | 22°48 | 21°35 | S 29 |
| S 30 | 13 3 43 | 17°48'44 | 23°38 | 2°46 | 0♉56 | 5°19 | 11°46 | 21°11 | 10°12 | 13°57 | 7°47 | 7°51 | 7°11 | 22°55 | 21°38 | S 30 |
| M31 | 13 7 39 | 18♈47'20 | 6♐49 | 4♉34 | 2♉10 | 5♊58 | 11♒55 | 21♒16 | 10♑13 | 13♊58 | 7♊48 | 7♌43 | 7♌ 8 | 23♌ 1 | 21♊42 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 4s17 | 7s 5 | 5n 6 | 11s26 | 2s12 | 3s13 | 1s20 | 17n41 | 0n52 | 19s11 | 0s29 | 16s22 | 1s 3 | 23s29 | 0s20 | 21n 6 | 1s23 | 12n 5 | 9s40 | 17n48 | 18n 8 | 15n53 | 17n 9 | 6s 2 |
| S 2 | 3 53 | 11 5 | 5 10 | 10 45 | 2 11 | 2 43 | 1 19 | 17 53 | 0 53 | 19 8 | 0 29 | 16 20 | 1 3 | 23 29 | 0 20 | 21 7 | 1 23 | 12 5 | 9 40 | 17 50 | 18 9 | 15 52 | 17 9 | 6 2 |
| M 3 | 3 30 | 14 39 | 4 57 | 10 4 | 2 9 | 2 12 | 1 18 | 18 4 | 0 53 | 19 5 | 0 29 | 16 19 | 1 3 | 23 29 | 0 20 | 21 7 | 1 23 | 12 6 | 9 39 | 17 51 | 18 10 | 15 51 | 17 10 | 6 1 |
| T 4 | 3 6 | 17 34 | 4 29 | 9 21 | 2 7 | 1 41 | 1 17 | 18 15 | 0 54 | 19 2 | 0 30 | 16 17 | 1 3 | 23 29 | 0 20 | 21 7 | 1 23 | 12 6 | 9 39 | 17 51 | 18 11 | 15 49 | 17 11 | 6 1 |
| W 5 | 2 42 | 19 36 | 3 45 | 8 36 | 2 5 | 1 10 | 1 16 | 18 27 | 0 54 | 19 0 | 0 30 | 16 15 | 1 4 | 23 29 | 0 20 | 21 7 | 1 23 | 12 6 | 9 39 | 17 52 | 18 11 | 15 48 | 17 11 | 6 0 |
| T 6 | 2 19 | 20 32 | 2 48 | 7 50 | 2 2 | 0 40 | 1 15 | 18 38 | 0 55 | 18 57 | 0 30 | 16 13 | 1 4 | 23 29 | 0 20 | 21 7 | 1 23 | 12 6 | 9 39 | 17 51 | 18 12 | 15 47 | 17 12 | 6 0 |
| F 7 | 1 55 | 20 12 | 1 39 | 7 3 | 1 58 | 0 9 | 1 14 | 18 49 | 0 55 | 18 54 | 0 30 | 16 11 | 1 4 | 23 29 | 0 20 | 21 7 | 1 23 | 12 7 | 9 39 | 17 51 | 18 13 | 15 45 | 17 12 | 6 0 |
| S 8 | 1 32 | 18 33 | 0 22 | 6 15 | 1 54 | 0n22 | 1 13 | 18 59 | 0 55 | 18 51 | 0 30 | 16 9 | 1 4 | 23 29 | 0 20 | 21 7 | 1 23 | 12 7 | 9 38 | 17 51 | 18 14 | 15 44 | 17 13 | 5 59 |
| S 9 | 1 8 | 15 38 | 0s57 | 5 26 | 1 49 | 0 53 | 1 12 | 19 10 | 0 56 | 18 48 | 0 30 | 16 7 | 1 4 | 23 29 | 0 20 | 21 8 | 1 23 | 12 7 | 9 38 | 17 51 | 18 15 | 15 43 | 17 13 | 5 59 |
| M10 | 0 44 | 11 39 | 2 13 | 4 35 | 1 44 | 1 24 | 1 10 | 19 20 | 0 56 | 18 45 | 0 31 | 16 6 | 1 4 | 23 29 | 0 20 | 21 8 | 1 23 | 12 8 | 9 38 | 17 52 | 18 16 | 15 42 | 17 14 | 5 58 |
| T 11 | 0 21 | 6 56 | 3 21 | 3 44 | 1 38 | 1 54 | 1 9 | 19 31 | 0 57 | 18 42 | 0 31 | 16 4 | 1 4 | 23 29 | 0 20 | 21 8 | 1 23 | 12 8 | 9 38 | 17 53 | 18 16 | 15 40 | 17 14 | 5 58 |
| W12 | 0n 3 | 1 49 | 4 14 | 2 51 | 1 32 | 2 25 | 1 7 | 19 41 | 0 57 | 18 40 | 0 31 | 16 2 | 1 4 | 23 28 | 0 20 | 21 8 | 1 23 | 12 8 | 9 37 | 17 55 | 18 17 | 15 39 | 17 15 | 5 57 |
| T 13 | 0 27 | 3n20 | 4 49 | 1 57 | 1 25 | 2 56 | 1 6 | 19 51 | 0 57 | 18 37 | 0 31 | 16 0 | 1 5 | 23 28 | 0 20 | 21 8 | 1 23 | 12 9 | 9 37 | 17 57 | 18 18 | 15 38 | 17 16 | 5 57 |
| F 14 | 0 50 | 8 10 | 5 6 | 1 2 | 1 18 | 3 26 | 1 4 | 20 1 | 0 58 | 18 34 | 0 31 | 15 58 | 1 5 | 23 28 | 0 20 | 21 8 | 1 23 | 12 9 | 9 37 | 17 59 | 18 19 | 15 36 | 17 16 | 5 57 |
| S 15 | 1 14 | 12 26 | 5 3 | 0 7 | 1 10 | 3 57 | 1 3 | 20 11 | 0 58 | 18 31 | 0 31 | 15 57 | 1 5 | 23 28 | 0 20 | 21 8 | 1 23 | 12 9 | 9 37 | 18 1 | 18 20 | 15 35 | 17 17 | 5 56 |
| S 16 | 1 38 | 15 54 | 4 44 | 0n50 | 1 2 | 4 28 | 1 1 | 20 20 | 0 59 | 18 28 | 0 32 | 15 55 | 1 5 | 23 28 | 0 20 | 21 9 | 1 23 | 12 10 | 9 36 | 18 3 | 18 21 | 15 34 | 17 17 | 5 56 |
| M17 | 2 1 | 18 29 | 4 10 | 1 47 | 0 53 | 4 58 | 0 59 | 20 30 | 0 59 | 18 26 | 0 32 | 15 53 | 1 5 | 23 28 | 0 20 | 21 9 | 1 23 | 12 10 | 9 36 | 18 4 | 18 21 | 15 32 | 17 18 | 5 55 |
| T 18 | 2 25 | 20 4 | 3 25 | 2 44 | 0 44 | 5 28 | 0 57 | 20 39 | 0 59 | 18 23 | 0 32 | 15 51 | 1 5 | 23 28 | 0 20 | 21 9 | 1 23 | 12 10 | 9 36 | 18 5 | 18 22 | 15 31 | 17 18 | 5 55 |
| W19 | 2 48 | 20 39 | 2 32 | 3 42 | 0 34 | 5 58 | 0 56 | 20 48 | 1 0 | 18 20 | 0 32 | 15 50 | 1 5 | 23 28 | 0 20 | 21 9 | 1 23 | 12 11 | 9 36 | 18 5 | 18 23 | 15 30 | 17 19 | 5 55 |
| T 20 | 3 11 | 20 17 | 1 33 | 4 41 | 0 24 | 6 28 | 0 54 | 20 57 | 1 0 | 18 17 | 0 32 | 15 48 | 1 6 | 23 28 | 0 20 | 21 9 | 1 22 | 12 11 | 9 35 | 18 5 | 18 24 | 15 28 | 17 20 | 5 54 |
| F 21 | 3 35 | 19 0 | 0 31 | 5 39 | 0 14 | 6 58 | 0 52 | 21 6 | 1 0 | 18 15 | 0 32 | 15 46 | 1 6 | 23 28 | 0 20 | 21 10 | 1 22 | 12 11 | 9 35 | 18 4 | 18 25 | 15 27 | 17 20 | 5 54 |
| S 22 | 3 58 | 16 53 | 0n33 | 6 37 | 0 3 | 7 28 | 0 50 | 21 14 | 1 1 | 18 12 | 0 33 | 15 45 | 1 6 | 23 28 | 0 20 | 21 10 | 1 22 | 12 12 | 9 35 | 18 4 | 18 25 | 15 26 | 17 21 | 5 53 |
| S 23 | 4 21 | 14 5 | 1 34 | 7 34 | 0n 8 | 7 58 | 0 48 | 21 23 | 1 1 | 18 9 | 0 33 | 15 43 | 1 6 | 23 28 | 0 20 | 21 10 | 1 22 | 12 12 | 9 35 | 18 5 | 18 26 | 15 24 | 17 21 | 5 53 |
| M24 | 4 44 | 10 41 | 2 32 | 8 31 | 0 19 | 8 27 | 0 46 | 21 31 | 1 1 | 18 7 | 0 33 | 15 42 | 1 6 | 23 28 | 0 20 | 21 10 | 1 22 | 12 12 | 9 35 | 18 6 | 18 27 | 15 23 | 17 22 | 5 53 |
| T 25 | 5 7 | 6 48 | 3 24 | 9 28 | 0 30 | 8 56 | 0 44 | 21 39 | 1 2 | 18 4 | 0 33 | 15 40 | 1 6 | 23 28 | 0 20 | 21 10 | 1 22 | 12 13 | 9 34 | 18 8 | 18 28 | 15 21 | 17 22 | 5 52 |
| W26 | 5 30 | 2 37 | 4 6 | 10 23 | 0 42 | 9 25 | 0 42 | 21 47 | 1 2 | 18 2 | 0 33 | 15 38 | 1 6 | 23 28 | 0 21 | 21 11 | 1 22 | 12 13 | 9 34 | 18 10 | 18 29 | 15 20 | 17 23 | 5 52 |
| T 27 | 5 53 | 1s45 | 4 38 | 11 17 | 0 53 | 9 54 | 0 40 | 21 55 | 1 2 | 17 59 | 0 34 | 15 37 | 1 7 | 23 28 | 0 21 | 21 11 | 1 22 | 12 13 | 9 34 | 18 13 | 18 30 | 15 19 | 17 24 | 5 52 |
| F 28 | 6 16 | 6 6 | 4 57 | 12 9 | 1 4 | 10 23 | 0 38 | 22 3 | 1 2 | 17 57 | 0 34 | 15 35 | 1 7 | 23 28 | 0 21 | 21 11 | 1 22 | 12 14 | 9 34 | 18 16 | 18 30 | 15 17 | 17 24 | 5 51 |
| S 29 | 6 38 | 10 16 | 5 2 | 13 0 | 1 15 | 10 51 | 0 35 | 22 10 | 1 3 | 17 54 | 0 34 | 15 34 | 1 7 | 23 28 | 0 21 | 21 11 | 1 22 | 12 14 | 9 34 | 18 19 | 18 31 | 15 16 | 17 25 | 5 51 |
| S 30 | 7 1 | 14 2 | 4 51 | 13 48 | 1 25 | 11 19 | 0 33 | 22 17 | 1 3 | 17 52 | 0 34 | 15 32 | 1 7 | 23 28 | 0 21 | 21 11 | 1 22 | 12 14 | 9 33 | 18 22 | 18 32 | 15 15 | 17 25 | 5 50 |
| M31 | 7n23 | 17s10 | 4n25 | 14n35 | 1n36 | 11n47 | 0s31 | 22n25 | 1n 3 | 17s49 | 0s34 | 15s31 | 1s 7 | 23s28 | 0s21 | 21n12 | 1s22 | 12n15 | 9s33 | 18n24 | 18n33 | 15n13 | 17n26 | 5s50 |

Julian Day Number = 2233928.5, Delta T = 07m46s
Ecliptic obliquity = 23°30'55, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°25'43, Lahiri = 15°32'43 Julian Calendar 1 March 1404 == Greg. Calendar 10 March 1404

# ASTRODIENST EPHEMERIS for the year 1404
# geocentric

## APRIL 1404 JC — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 13 11 36 | 19♈45'55 | 20♐12 | 6♉19 | 3♉24 | 6♊36 | 12♒ 4 | 21♒21 | 10♑13 | 14♊ 0 | 7♊49 | 7°R37 | 7♌ 5 | 23♌ 8 | 21♊46 | T 1 |
| W 2 | 13 15 32 | 20°44'28 | 3♑47 | 8° 0 | 4°38 | 7°15 | 12°14 | 21°26 | 10°13 | 14° 1 | 7°50 | 7♌34 | 7° 2 | 23°15 | 21°49 | W 2 |
| T 3 | 13 19 29 | 21°43'00 | 17°33 | 9°37 | 5°52 | 7°53 | 12°23 | 21°31 | 10°13 | 14° 3 | 7°51 | 7°D33 | 6°59 | 23°21 | 21°53 | T 3 |
| F 4 | 13 23 26 | 22°41'29 | 1♒33 | 11°11 | 7° 5 | 8°32 | 12°31 | 21°35 | 10°13 | 14° 4 | 7°52 | 7°R33 | 6°56 | 23°28 | 21°57 | F 4 |
| S 5 | 13 27 22 | 23°39'58 | 15°44 | 12°40 | 8°19 | 9°10 | 12°40 | 21°40 | 10°13 | 14° 6 | 7°53 | 7°33 | 6°52 | 23°35 | 22° 1 | S 5 |
| S 6 | 13 31 19 | 24°38'24 | 0♓ 7 | 14° 4 | 9°33 | 9°49 | 12°49 | 21°44 | 10°R13 | 14° 7 | 7°54 | 7°31 | 6°49 | 23°41 | 22° 5 | S 6 |
| M 7 | 13 35 15 | 25°36'49 | 14°38 | 15°24 | 10°47 | 10°27 | 12°57 | 21°49 | 10°13 | 14° 9 | 7°55 | 7°27 | 6°46 | 23°48 | 22° 9 | M 7 |
| T 8 | 13 39 12 | 26°35'12 | 29°14 | 16°39 | 12° 1 | 11° 6 | 13° 6 | 21°53 | 10°13 | 14°10 | 7°56 | 7°20 | 6°43 | 23°55 | 22°13 | T 8 |
| W 9 | 13 43 8 | 27°33'34 | 13♈47 | 17°50 | 13°14 | 11°44 | 13°14 | 21°58 | 10°13 | 14°12 | 7°58 | 7°11 | 6°40 | 24° 1 | 22°17 | W 9 |
| T 10 | 13 47 5 | 28°31'53 | 28°12 | 18°56 | 14°28 | 12°23 | 13°22 | 22° 2 | 10°13 | 14°14 | 7°59 | 7° 0 | 6°36 | 24° 8 | 22°21 | T 10 |
| F 11 | 13 51 1 | 29°30'11 | 12♉20 | 19°56 | 15°42 | 13° 1 | 13°30 | 22° 6 | 10°13 | 14°15 | 8° 0 | 6°48 | 6°33 | 24°15 | 22°25 | F 11 |
| S 12 | 13 54 58 | 0♉28'27 | 26° 8 | 20°52 | 16°55 | 13°39 | 13°38 | 22°10 | 10°12 | 14°17 | 8° 1 | 6°37 | 6°30 | 24°21 | 22°29 | S 12 |
| S 13 | 13 58 55 | 1°26'42 | 9♊32 | 21°42 | 18° 9 | 14°18 | 13°46 | 22°14 | 10°12 | 14°19 | 8° 2 | 6°27 | 6°27 | 24°28 | 22°34 | S 13 |
| M14 | 14 2 51 | 2°24'54 | 22°32 | 22°28 | 19°23 | 14°56 | 13°53 | 22°18 | 10°12 | 14°21 | 8° 3 | 6°20 | 6°24 | 24°35 | 22°38 | M14 |
| T 15 | 14 6 48 | 3°23'04 | 5♋ 8 | 23° 8 | 20°36 | 15°35 | 14° 1 | 22°22 | 10°11 | 14°22 | 8° 4 | 6°15 | 6°21 | 24°41 | 22°43 | T 15 |
| W16 | 14 10 44 | 4°21'13 | 17°25 | 23°43 | 21°50 | 16°13 | 14° 8 | 22°26 | 10°11 | 14°24 | 8° 6 | 6°13 | 6°17 | 24°48 | 22°47 | W16 |
| T 17 | 14 14 41 | 5°19'19 | 29°28 | 24°13 | 23° 3 | 16°51 | 14°15 | 22°29 | 10°10 | 14°26 | 8° 7 | 6°12 | 6°14 | 24°54 | 22°52 | T 17 |
| F 18 | 14 18 37 | 6°17'23 | 11♌20 | 24°37 | 24°17 | 17°30 | 14°22 | 22°33 | 10°10 | 14°28 | 8° 8 | 6°12 | 6°11 | 25° 1 | 22°56 | F 18 |
| S 19 | 14 22 34 | 7°15'26 | 23° 8 | 24°56 | 25°30 | 18° 8 | 14°29 | 22°36 | 10° 9 | 14°30 | 8° 9 | 6°12 | 6° 8 | 25° 8 | 23° 1 | S 19 |
| S 20 | 14 26 30 | 8°13'26 | 4♍58 | 25°10 | 26°44 | 18°46 | 14°36 | 22°40 | 10° 8 | 14°32 | 8°10 | 6°10 | 6° 5 | 25°14 | 23° 6 | S 20 |
| M21 | 14 30 27 | 9°11'25 | 16°53 | 25°18 | 27°57 | 19°25 | 14°42 | 22°43 | 10° 8 | 14°33 | 8°12 | 6° 5 | 6° 2 | 25°21 | 23°11 | M21 |
| T 22 | 14 34 23 | 10° 9'21 | 29° 0 | 25°R21 | 29°11 | 20° 3 | 14°49 | 22°46 | 10° 7 | 14°35 | 8°13 | 5°58 | 5°58 | 25°28 | 23°15 | T 22 |
| W23 | 14 38 20 | 11° 7'16 | 11♎19 | 25°20 | 0♊24 | 20°41 | 14°55 | 22°50 | 10° 6 | 14°37 | 8°14 | 5°49 | 5°55 | 25°34 | 23°20 | W23 |
| T 24 | 14 42 17 | 12° 5'10 | 23°55 | 25°13 | 1°37 | 21°19 | 15° 1 | 22°53 | 10° 5 | 14°39 | 8°15 | 5°37 | 5°52 | 25°41 | 23°25 | T 24 |
| F 25 | 14 46 13 | 13° 3'01 | 6♏46 | 25° 2 | 2°51 | 21°58 | 15° 7 | 22°56 | 10° 4 | 14°41 | 8°17 | 5°25 | 5°49 | 25°48 | 23°30 | F 25 |
| S 26 | 14 50 10 | 14° 0'51 | 19°54 | 24°46 | 4° 4 | 22°36 | 15°13 | 22°58 | 10° 3 | 14°43 | 8°18 | 5°12 | 5°46 | 25°54 | 23°35 | S 26 |
| S 27 | 14 54 6 | 14°58'40 | 3♐16 | 24°27 | 5°17 | 23°14 | 15°18 | 23° 1 | 10° 2 | 14°45 | 8°19 | 5° 1 | 5°42 | 26° 1 | 23°40 | S 27 |
| M28 | 14 58 3 | 15°56'27 | 16°50 | 24° 4 | 6°30 | 23°52 | 15°24 | 23° 4 | 10° 1 | 14°47 | 8°20 | 4°52 | 5°39 | 26° 8 | 23°45 | M28 |
| T 29 | 15 1 59 | 16°54'13 | 0♑34 | 23°37 | 7°44 | 24°30 | 15°29 | 23° 7 | 10° 0 | 14°49 | 8°22 | 4°46 | 5°36 | 26°14 | 23°51 | T 29 |
| W30 | 15 5 56 | 17♉51'58 | 14♑26 | 23♉ 8 | 8♊57 | 25♊ 9 | 15♒34 | 23♒ 9 | 9♑59 | 14♊51 | 8♊23 | 4♌42 | 5♌33 | 26♌21 | 23♊56 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| T 1 | 7n45 | 19s26 | 3n43 | 15n20 | 1n45 | 12n14 | 0s28 | 22n31 | 1n 4 | 17s47 | 0s35 | 15s30 | 1s 7 | 23s28 | 0s21 | 21n12 | 1s22 | 12n15 | 9s33 | 18n25 | 18n34 | 15n12 | 17n26 | 5s50 | T 1 |
| W 2 | 8 7 | 20 39 | 2 49 | 16 2 | 1 55 | 12 42 | 0 26 | 22 38 | 1 4 | 17 44 | 0 35 | 15 28 | 1 8 | 23 28 | 0 21 | 21 12 | 1 22 | 12 15 | 9 33 | 18 26 | 18 34 | 15 10 | 17 27 | 5 49 | W 2 |
| T 3 | 8 29 | 20 38 | 1 44 | 16 41 | 2 3 | 13 9 | 0 24 | 22 45 | 1 4 | 17 42 | 0 35 | 15 27 | 1 8 | 23 28 | 0 21 | 21 12 | 1 22 | 12 16 | 9 33 | 18 27 | 18 35 | 15 9 | 17 28 | 5 49 | T 3 |
| F 4 | 8 51 | 19 22 | 0 32 | 17 19 | 2 12 | 13 35 | 0 21 | 22 51 | 1 4 | 17 40 | 0 35 | 15 25 | 1 8 | 23 28 | 0 21 | 21 12 | 1 22 | 12 16 | 9 32 | 18 27 | 18 36 | 15 8 | 17 28 | 5 49 | F 4 |
| S 5 | 9 13 | 16 52 | 0s43 | 17 53 | 2 19 | 14 1 | 0 19 | 22 58 | 1 5 | 17 37 | 0 35 | 15 24 | 1 8 | 23 28 | 0 21 | 21 13 | 1 22 | 12 17 | 9 32 | 18 27 | 18 37 | 15 6 | 17 29 | 5 48 | S 5 |
| S 6 | 9 35 | 13 17 | 1 57 | 18 25 | 2 25 | 14 27 | 0 17 | 23 4 | 1 5 | 17 35 | 0 36 | 15 23 | 1 8 | 23 28 | 0 21 | 21 13 | 1 22 | 12 17 | 9 32 | 18 27 | 18 38 | 15 5 | 17 29 | 5 48 | S 6 |
| M 7 | 9 56 | 8 53 | 3 3 | 18 55 | 2 31 | 14 53 | 0 14 | 23 10 | 1 5 | 17 33 | 0 36 | 15 21 | 1 8 | 23 28 | 0 21 | 21 13 | 1 22 | 12 17 | 9 32 | 18 28 | 18 38 | 15 3 | 17 30 | 5 48 | M 7 |
| T 8 | 10 17 | 3 56 | 3 58 | 19 21 | 2 36 | 15 18 | 0 12 | 23 15 | 1 5 | 17 31 | 0 36 | 15 20 | 1 9 | 23 28 | 0 21 | 21 13 | 1 22 | 12 18 | 9 32 | 18 30 | 18 39 | 15 2 | 17 30 | 5 47 | T 8 |
| W 9 | 10 38 | 1n12 | 4 37 | 19 46 | 2 40 | 15 43 | 0 9 | 23 21 | 1 6 | 17 29 | 0 36 | 15 19 | 1 9 | 23 28 | 0 21 | 21 14 | 1 22 | 12 18 | 9 32 | 18 32 | 18 40 | 15 0 | 17 31 | 5 47 | W 9 |
| T 10 | 10 59 | 6 14 | 4 57 | 20 7 | 2 43 | 16 7 | 0 7 | 23 26 | 1 6 | 17 26 | 0 36 | 15 18 | 1 9 | 23 28 | 0 21 | 21 14 | 1 22 | 12 18 | 9 31 | 18 35 | 18 41 | 14 59 | 17 31 | 5 47 | T 10 |
| F 11 | 11 20 | 10 50 | 4 59 | 20 26 | 2 45 | 16 31 | 0 4 | 23 31 | 1 6 | 17 24 | 0 37 | 15 17 | 1 9 | 23 28 | 0 21 | 21 14 | 1 21 | 12 19 | 9 31 | 18 38 | 18 42 | 14 58 | 17 32 | 5 46 | F 11 |
| S 12 | 11 40 | 14 45 | 4 44 | 20 42 | 2 46 | 16 55 | 0 2 | 23 36 | 1 6 | 17 22 | 0 37 | 15 15 | 1 9 | 23 28 | 0 21 | 21 14 | 1 21 | 12 19 | 9 31 | 18 41 | 18 42 | 14 56 | 17 32 | 5 46 | S 12 |
| S 13 | 12 1 | 17 47 | 4 13 | 20 55 | 2 46 | 17 18 | 0n 1 | 23 41 | 1 6 | 17 20 | 0 37 | 15 14 | 1 9 | 23 28 | 0 21 | 21 15 | 1 21 | 12 19 | 9 31 | 18 43 | 18 43 | 14 55 | 17 33 | 5 46 | S 13 |
| M14 | 12 21 | 19 49 | 3 29 | 21 6 | 2 45 | 17 41 | 0 3 | 23 46 | 1 7 | 17 18 | 0 37 | 15 13 | 1 10 | 23 28 | 0 21 | 21 15 | 1 21 | 12 20 | 9 31 | 18 45 | 18 44 | 14 53 | 17 34 | 5 46 | M14 |
| T 15 | 12 41 | 20 48 | 2 37 | 21 14 | 2 43 | 18 3 | 0 6 | 23 50 | 1 7 | 17 16 | 0 37 | 15 12 | 1 10 | 23 28 | 0 21 | 21 15 | 1 21 | 12 20 | 9 31 | 18 46 | 18 45 | 14 52 | 17 34 | 5 45 | T 15 |
| W16 | 13 1 | 20 46 | 1 38 | 21 20 | 2 39 | 18 25 | 0 9 | 23 55 | 1 7 | 17 14 | 0 38 | 15 11 | 1 10 | 23 28 | 0 21 | 21 15 | 1 21 | 12 20 | 9 30 | 18 47 | 18 46 | 14 50 | 17 35 | 5 45 | W16 |
| T 17 | 13 20 | 19 45 | 0 36 | 21 23 | 2 35 | 18 47 | 0 11 | 23 59 | 1 7 | 17 13 | 0 38 | 15 10 | 1 10 | 23 28 | 0 21 | 21 16 | 1 21 | 12 21 | 9 30 | 18 47 | 18 46 | 14 49 | 17 35 | 5 45 | T 17 |
| F 18 | 13 40 | 17 52 | 0n27 | 21 24 | 2 29 | 19 7 | 0 14 | 24 3 | 1 7 | 17 11 | 0 38 | 15 9 | 1 10 | 23 29 | 0 21 | 21 16 | 1 21 | 12 21 | 9 30 | 18 47 | 18 47 | 14 47 | 17 36 | 5 44 | F 18 |
| S 19 | 13 59 | 15 14 | 1 29 | 21 22 | 2 23 | 19 28 | 0 16 | 24 6 | 1 8 | 17 9 | 0 38 | 15 8 | 1 10 | 23 29 | 0 21 | 21 16 | 1 21 | 12 21 | 9 30 | 18 47 | 18 48 | 14 46 | 17 36 | 5 44 | S 19 |
| S 20 | 14 18 | 11 59 | 2 26 | 21 18 | 2 15 | 19 48 | 0 19 | 24 10 | 1 8 | 17 7 | 0 38 | 15 7 | 1 11 | 23 29 | 0 21 | 21 16 | 1 21 | 12 22 | 9 30 | 18 48 | 18 49 | 14 45 | 17 37 | 5 44 | S 20 |
| M21 | 14 36 | 8 13 | 3 18 | 21 11 | 2 6 | 20 7 | 0 21 | 24 13 | 1 8 | 17 5 | 0 39 | 15 6 | 1 11 | 23 29 | 0 21 | 21 17 | 1 21 | 12 22 | 9 30 | 18 49 | 18 50 | 14 43 | 17 37 | 5 44 | M21 |
| T 22 | 14 55 | 4 5 | 4 1 | 21 2 | 1 55 | 20 26 | 0 24 | 24 16 | 1 8 | 17 4 | 0 39 | 15 5 | 1 11 | 23 29 | 0 21 | 21 17 | 1 21 | 12 22 | 9 29 | 18 50 | 18 50 | 14 42 | 17 38 | 5 43 | T 22 |
| W23 | 15 13 | 0s17 | 4 34 | 20 50 | 1 44 | 20 44 | 0 26 | 24 19 | 1 8 | 17 2 | 0 39 | 15 4 | 1 11 | 23 29 | 0 21 | 21 17 | 1 21 | 12 22 | 9 29 | 18 53 | 18 51 | 14 40 | 17 38 | 5 43 | W23 |
| T 24 | 15 31 | 4 45 | 4 54 | 20 37 | 1 32 | 21 2 | 0 29 | 24 22 | 1 8 | 17 1 | 0 39 | 15 3 | 1 11 | 23 29 | 0 21 | 21 17 | 1 21 | 12 23 | 9 29 | 18 56 | 18 52 | 14 39 | 17 39 | 5 43 | T 24 |
| F 25 | 15 48 | 9 5 | 5 0 | 20 21 | 1 18 | 21 19 | 0 32 | 24 25 | 1 9 | 16 59 | 0 40 | 15 3 | 1 12 | 23 29 | 0 21 | 21 18 | 1 21 | 12 23 | 9 29 | 18 59 | 18 53 | 14 37 | 17 39 | 5 43 | F 25 |
| S 26 | 16 6 | 13 6 | 4 51 | 20 3 | 1 4 | 21 35 | 0 34 | 24 27 | 1 9 | 16 58 | 0 40 | 15 2 | 1 12 | 23 29 | 0 21 | 21 18 | 1 21 | 12 23 | 9 29 | 19 2 | 18 53 | 14 36 | 17 39 | 5 42 | S 26 |
| S 27 | 16 23 | 16 32 | 4 25 | 19 44 | 0 49 | 21 51 | 0 37 | 24 29 | 1 9 | 16 56 | 0 40 | 15 1 | 1 12 | 23 29 | 0 21 | 21 18 | 1 21 | 12 24 | 9 29 | 19 4 | 18 54 | 14 34 | 17 40 | 5 42 | S 27 |
| M28 | 16 40 | 19 8 | 3 45 | 19 23 | 0 33 | 22 6 | 0 39 | 24 31 | 1 9 | 16 55 | 0 40 | 15 0 | 1 12 | 23 29 | 0 21 | 21 18 | 1 21 | 12 24 | 9 29 | 19 7 | 18 55 | 14 33 | 17 40 | 5 42 | M28 |
| T 29 | 16 56 | 20 41 | 2 50 | 19 0 | 0 17 | 22 21 | 0 42 | 24 33 | 1 9 | 16 53 | 0 41 | 15 0 | 1 12 | 23 30 | 0 21 | 21 19 | 1 21 | 12 24 | 9 29 | 19 8 | 18 56 | 14 31 | 17 41 | 5 42 | T 29 |
| W30 | 17n13 | 20s59 | 1n45 | 18n37 | 0s 0 | 22n35 | 0n44 | 24n35 | 1n 9 | 16s52 | 0s41 | 14s59 | 1s13 | 23s30 | 0s21 | 21n19 | 1s21 | 12n25 | 9s28 | 19n 9 | 18n57 | 14n30 | 17n41 | 5s42 | W30 |

Julian Day Number = 2233959.5, Delta T = 07m46s
Ecliptic obliquity = 23°30'55, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°25'47, Lahiri = 15°32'47 Julian Calendar 1 Apr. 1404 == Greg. Calendar 10 Apr. 1404

# ASTRODIENST EPHEMERIS for the year 1404
# geocentric

## MAY 1404 JC

**00:00 UT**

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 15 9 52 | 18♉49'42 | 28♋24 | 22°R37 | 10♊10 | 25♊47 | 15♒39 | 23♒12 | 9°R58 | 14♊53 | 8♊24 | 4°R41 | 5♌30 | 26♌28 | 24♊ 1 | T 1 |
| F 2 | 15 13 49 | 19°47'24 | 12♒27 | 22♉ 4 | 11°23 | 26°25 | 15°44 | 23°14 | 9♋56 | 14°55 | 8°26 | 4♌41 | 5°27 | 26°34 | 24° 6 | F 2 |
| S 3 | 15 17 46 | 20°45'06 | 26°34 | 21°29 | 12°36 | 27° 3 | 15°48 | 23°16 | 9°55 | 14°57 | 8°27 | 4°41 | 5°23 | 26°41 | 24°12 | S 3 |
| S 4 | 15 21 42 | 21°42'46 | 10♓44 | 20°55 | 13°49 | 27°41 | 15°53 | 23°19 | 9°54 | 14°59 | 8°28 | 4°40 | 5°20 | 26°48 | 24°17 | S 4 |
| M 5 | 15 25 39 | 22°40'26 | 24°56 | 20°20 | 15° 2 | 28°19 | 15°57 | 23°21 | 9°53 | 15° 1 | 8°30 | 4°36 | 5°17 | 26°54 | 24°22 | M 5 |
| T 6 | 15 29 35 | 23°38'04 | 9♈ 7 | 19°47 | 16°15 | 28°58 | 16° 1 | 23°23 | 9°51 | 15° 4 | 8°31 | 4°30 | 5°14 | 27° 1 | 24°28 | T 6 |
| W 7 | 15 33 32 | 24°35'41 | 23°15 | 19°14 | 17°28 | 29°36 | 16° 5 | 23°24 | 9°50 | 15° 6 | 8°32 | 4°22 | 5°11 | 27° 8 | 24°33 | W 7 |
| T 8 | 15 37 28 | 25°33'18 | 7♉14 | 18°44 | 18°41 | 0♋14 | 16° 8 | 23°26 | 9°48 | 15° 8 | 8°34 | 4°12 | 5° 8 | 27°14 | 24°39 | T 8 |
| F 9 | 15 41 25 | 26°30'53 | 21° 0 | 18°16 | 19°54 | 0°52 | 16°12 | 23°28 | 9°47 | 15°10 | 8°35 | 4° 1 | 5° 4 | 27°21 | 24°44 | F 9 |
| S 10 | 15 45 21 | 27°28'27 | 4♊30 | 17°50 | 21° 7 | 1°30 | 16°15 | 23°30 | 9°45 | 15°12 | 8°36 | 3°50 | 5° 1 | 27°28 | 24°50 | S 10 |
| S 11 | 15 49 18 | 28°26'00 | 17°40 | 17°28 | 22°20 | 2° 8 | 16°19 | 23°31 | 9°44 | 15°14 | 8°38 | 3°41 | 4°58 | 27°34 | 24°55 | S 11 |
| M12 | 15 53 15 | 29°23'32 | 0♋31 | 17° 9 | 23°33 | 2°46 | 16°22 | 23°33 | 9°42 | 15°16 | 8°39 | 3°35 | 4°55 | 27°41 | 25° 1 | M12 |
| T 13 | 15 57 11 | 0♊21'02 | 13° 3 | 16°55 | 24°45 | 3°24 | 16°24 | 23°34 | 9°40 | 15°19 | 8°41 | 3°30 | 4°52 | 27°47 | 25° 7 | T 13 |
| W14 | 16 1 8 | 1°18'31 | 25°18 | 16°44 | 25°58 | 4° 2 | 16°27 | 23°35 | 9°39 | 15°21 | 8°42 | 3°28 | 4°48 | 27°54 | 25°12 | W14 |
| T 15 | 16 5 4 | 2°15'59 | 7♌20 | 16°37 | 27°11 | 4°40 | 16°29 | 23°36 | 9°37 | 15°23 | 8°43 | 3°D28 | 4°45 | 28° 1 | 25°18 | T 15 |
| F 16 | 16 9 1 | 3°13'26 | 19°13 | 16°D35 | 28°24 | 5°18 | 16°32 | 23°37 | 9°35 | 15°25 | 8°45 | 3°29 | 4°42 | 28° 7 | 25°24 | F 16 |
| S 17 | 16 12 57 | 4°10'52 | 1♍ 2 | 16°37 | 29°36 | 5°57 | 16°34 | 23°38 | 9°33 | 15°27 | 8°46 | 3°R29 | 4°39 | 28°14 | 25°29 | S 17 |
| S 18 | 16 16 54 | 5° 8'16 | 12°53 | 16°44 | 0♋49 | 6°35 | 16°36 | 23°39 | 9°32 | 15°30 | 8°47 | 3°29 | 4°36 | 28°21 | 25°35 | S 18 |
| M19 | 16 20 50 | 6° 5'39 | 24°51 | 16°55 | 2° 1 | 7°13 | 16°37 | 23°40 | 9°30 | 15°32 | 8°49 | 3°27 | 4°33 | 28°27 | 25°41 | M19 |
| T 20 | 16 24 47 | 7° 3'01 | 7♎ 0 | 17°10 | 3°14 | 7°51 | 16°39 | 23°40 | 9°28 | 15°34 | 8°50 | 3°23 | 4°29 | 28°34 | 25°47 | T 20 |
| W21 | 16 28 44 | 8° 0'22 | 19°25 | 17°30 | 4°26 | 8°29 | 16°40 | 23°41 | 9°26 | 15°36 | 8°52 | 3°17 | 4°26 | 28°41 | 25°53 | W21 |
| T 22 | 16 32 40 | 8°57'41 | 2♏ 9 | 17°55 | 5°39 | 9° 7 | 16°41 | 23°41 | 9°24 | 15°38 | 8°53 | 3° 9 | 4°23 | 28°47 | 25°59 | T 22 |
| F 23 | 16 36 37 | 9°55'00 | 15°13 | 18°24 | 6°51 | 9°45 | 16°42 | 23°42 | 9°22 | 15°41 | 8°54 | 3° 0 | 4°20 | 28°54 | 26° 4 | F 23 |
| S 24 | 16 40 33 | 10°52'18 | 28°37 | 18°57 | 8° 4 | 10°23 | 16°43 | 23°42 | 9°20 | 15°43 | 8°56 | 2°52 | 4°17 | 29° 1 | 26°10 | S 24 |
| S 25 | 16 44 30 | 11°49'36 | 12♐20 | 19°34 | 9°16 | 11° 1 | 16°43 | 23°42 | 9°18 | 15°45 | 8°57 | 2°44 | 4°14 | 29° 7 | 26°16 | S 25 |
| M26 | 16 48 26 | 12°46'52 | 26°18 | 20°15 | 10°29 | 11°39 | 16°44 | 23°R42 | 9°16 | 15°47 | 8°59 | 2°38 | 4°10 | 29°14 | 26°22 | M26 |
| T 27 | 16 52 23 | 13°44'08 | 10♑27 | 21° 1 | 11°41 | 12°16 | 16°R44 | 23°42 | 9°14 | 15°50 | 9° 0 | 2°33 | 4° 7 | 29°21 | 26°28 | T 27 |
| W28 | 16 56 20 | 14°41'24 | 24°43 | 21°50 | 12°53 | 12°54 | 16°44 | 23°42 | 9°12 | 15°52 | 9° 1 | 2°32 | 4° 4 | 29°27 | 26°34 | W28 |
| T 29 | 17 0 16 | 15°38'39 | 9♒ 2 | 22°43 | 14° 5 | 13°32 | 16°44 | 23°42 | 9°10 | 15°54 | 9° 3 | 2°D31 | 4° 1 | 29°34 | 26°40 | T 29 |
| F 30 | 17 4 13 | 16°35'54 | 23°20 | 23°40 | 15°17 | 14°10 | 16°43 | 23°41 | 9° 7 | 15°56 | 9° 4 | 2°32 | 3°58 | 29°41 | 26°46 | F 30 |
| S 31 | 17 8 9 | 17♊33'08 | 7♓34 | 24♉41 | 16♋30 | 14♋48 | 16♒43 | 23♒41 | 9♋ 5 | 15♊59 | 9♊ 6 | 2♌34 | 3♌54 | 29♌47 | 26♊52 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 17n29 | 20s 0 | 0n33 | 18n12 | 0s18 | 22n49 | 0n46 | 24n36 | 1n 9 | 16s51 | 0s41 | 14s58 | 1s13 | 23s30 | 0s21 | 21n19 | 1s21 | 12n25 | 9s28 | 19n 9 | 18n57 | 14n28 | 17n42 | 5s41 |
| F 2 | 17 44 | 17 47 | 0s41 | 17 46 | 0 35 | 23 1 | 0 49 | 24 38 | 1 10 | 16 50 | 0 41 | 14 58 | 1 13 | 23 30 | 0 21 | 21 19 | 1 21 | 12 25 | 9 28 | 19 9 | 18 58 | 14 27 | 17 42 | 5 41 |
| S 3 | 18 0 | 14 29 | 1 53 | 17 21 | 0 53 | 23 14 | 0 51 | 24 39 | 1 10 | 16 49 | 0 42 | 14 57 | 1 13 | 23 30 | 0 21 | 21 20 | 1 21 | 12 26 | 9 28 | 19 9 | 18 59 | 14 25 | 17 42 | 5 41 |
| S 4 | 18 15 | 10 19 | 2 59 | 16 55 | 1 10 | 23 25 | 0 54 | 24 40 | 1 10 | 16 48 | 0 42 | 14 57 | 1 13 | 23 30 | 0 21 | 21 20 | 1 21 | 12 26 | 9 28 | 19 10 | 19 0 | 14 24 | 17 43 | 5 41 |
| M 5 | 18 30 | 5 35 | 3 54 | 16 29 | 1 27 | 23 36 | 0 56 | 24 40 | 1 10 | 16 46 | 0 42 | 14 56 | 1 13 | 23 30 | 0 22 | 21 20 | 1 21 | 12 26 | 9 28 | 19 10 | 19 0 | 14 22 | 17 43 | 5 41 |
| T 6 | 18 44 | 0 34 | 4 34 | 16 4 | 1 44 | 23 46 | 0 58 | 24 41 | 1 10 | 16 45 | 0 42 | 14 56 | 1 14 | 23 30 | 0 22 | 21 20 | 1 21 | 12 26 | 9 28 | 19 12 | 19 1 | 14 21 | 17 44 | 5 41 |
| W 7 | 18 59 | 4n28 | 4 57 | 15 40 | 2 0 | 23 56 | 1 0 | 24 41 | 1 10 | 16 45 | 0 42 | 14 55 | 1 14 | 23 30 | 0 22 | 21 21 | 1 21 | 12 27 | 9 28 | 19 14 | 19 2 | 14 19 | 17 44 | 5 40 |
| T 8 | 19 13 | 9 12 | 5 2 | 15 17 | 2 15 | 24 4 | 1 3 | 24 41 | 1 10 | 16 44 | 0 43 | 14 55 | 1 14 | 23 31 | 0 22 | 21 21 | 1 21 | 12 27 | 9 28 | 19 16 | 19 3 | 14 18 | 17 44 | 5 40 |
| F 9 | 19 26 | 13 24 | 4 49 | 14 56 | 2 29 | 24 13 | 1 5 | 24 41 | 1 10 | 16 43 | 0 43 | 14 55 | 1 14 | 23 31 | 0 22 | 21 21 | 1 21 | 12 27 | 9 28 | 19 19 | 19 4 | 14 16 | 17 45 | 5 40 |
| S 10 | 19 39 | 16 50 | 4 21 | 14 36 | 2 43 | 24 20 | 1 7 | 24 41 | 1 10 | 16 42 | 0 43 | 14 54 | 1 14 | 23 31 | 0 22 | 21 21 | 1 21 | 12 28 | 9 28 | 19 21 | 19 4 | 14 14 | 17 45 | 5 40 |
| S 11 | 19 52 | 19 19 | 3 39 | 14 18 | 2 55 | 24 27 | 1 9 | 24 40 | 1 11 | 16 41 | 0 43 | 14 54 | 1 15 | 23 31 | 0 22 | 21 22 | 1 21 | 12 28 | 9 27 | 19 23 | 19 5 | 14 13 | 17 45 | 5 40 |
| M12 | 20 5 | 20 45 | 2 46 | 14 2 | 3 6 | 24 33 | 1 11 | 24 40 | 1 11 | 16 41 | 0 44 | 14 54 | 1 15 | 23 31 | 0 22 | 21 22 | 1 21 | 12 28 | 9 27 | 19 25 | 19 6 | 14 11 | 17 46 | 5 40 |
| T 13 | 20 17 | 21 6 | 1 47 | 13 48 | 3 17 | 24 38 | 1 13 | 24 39 | 1 11 | 16 40 | 0 44 | 14 53 | 1 15 | 23 31 | 0 22 | 21 22 | 1 21 | 12 28 | 9 27 | 19 26 | 19 7 | 14 10 | 17 46 | 5 40 |
| W14 | 20 29 | 20 26 | 0 44 | 13 36 | 3 26 | 24 43 | 1 15 | 24 38 | 1 11 | 16 40 | 0 44 | 14 53 | 1 15 | 23 31 | 0 22 | 21 22 | 1 21 | 12 29 | 9 27 | 19 26 | 19 7 | 14 8 | 17 46 | 5 39 |
| T 15 | 20 41 | 18 50 | 0n21 | 13 27 | 3 33 | 24 46 | 1 17 | 24 37 | 1 11 | 16 39 | 0 44 | 14 53 | 1 15 | 23 32 | 0 22 | 21 23 | 1 20 | 12 29 | 9 27 | 19 26 | 19 8 | 14 7 | 17 47 | 5 39 |
| F 16 | 20 52 | 16 26 | 1 23 | 13 20 | 3 40 | 24 50 | 1 19 | 24 35 | 1 11 | 16 39 | 0 45 | 14 53 | 1 16 | 23 32 | 0 22 | 21 23 | 1 20 | 12 29 | 9 27 | 19 26 | 19 9 | 14 5 | 17 47 | 5 39 |
| S 17 | 21 3 | 13 21 | 2 22 | 13 15 | 3 46 | 24 52 | 1 21 | 24 34 | 1 11 | 16 38 | 0 45 | 14 53 | 1 16 | 23 32 | 0 22 | 21 23 | 1 20 | 12 30 | 9 27 | 19 26 | 19 10 | 14 4 | 17 47 | 5 39 |
| S 18 | 21 13 | 9 45 | 3 15 | 13 13 | 3 50 | 24 54 | 1 23 | 24 32 | 1 11 | 16 38 | 0 45 | 14 53 | 1 16 | 23 32 | 0 22 | 21 23 | 1 20 | 12 30 | 9 27 | 19 26 | 19 10 | 14 2 | 17 48 | 5 39 |
| M19 | 21 24 | 5 43 | 4 0 | 13 13 | 3 53 | 24 55 | 1 25 | 24 30 | 1 11 | 16 38 | 0 46 | 14 53 | 1 16 | 23 32 | 0 22 | 21 24 | 1 20 | 12 30 | 9 27 | 19 27 | 19 11 | 14 0 | 17 48 | 5 39 |
| T 20 | 21 33 | 1 25 | 4 35 | 13 15 | 3 55 | 24 55 | 1 26 | 24 28 | 1 11 | 16 37 | 0 46 | 14 52 | 1 16 | 23 32 | 0 22 | 21 24 | 1 20 | 12 30 | 9 27 | 19 28 | 19 12 | 13 59 | 17 48 | 5 39 |
| W21 | 21 43 | 3s 2 | 4 57 | 13 20 | 3 56 | 24 54 | 1 28 | 24 26 | 1 11 | 16 37 | 0 46 | 14 53 | 1 17 | 23 33 | 0 22 | 21 24 | 1 20 | 12 31 | 9 27 | 19 29 | 19 13 | 13 57 | 17 48 | 5 39 |
| T 22 | 21 52 | 7 28 | 5 6 | 13 26 | 3 57 | 24 53 | 1 30 | 24 23 | 1 11 | 16 37 | 0 46 | 14 53 | 1 17 | 23 33 | 0 22 | 21 24 | 1 20 | 12 31 | 9 27 | 19 31 | 19 13 | 13 56 | 17 49 | 5 39 |
| F 23 | 22 0 | 11 40 | 4 59 | 13 35 | 3 56 | 24 51 | 1 31 | 24 21 | 1 11 | 16 37 | 0 47 | 14 53 | 1 17 | 23 33 | 0 22 | 21 25 | 1 20 | 12 31 | 9 27 | 19 33 | 19 14 | 13 54 | 17 49 | 5 39 |
| S 24 | 22 9 | 15 25 | 4 36 | 13 46 | 3 54 | 24 49 | 1 33 | 24 18 | 1 11 | 16 37 | 0 47 | 14 53 | 1 17 | 23 33 | 0 22 | 21 25 | 1 20 | 12 31 | 9 27 | 19 35 | 19 15 | 13 52 | 17 49 | 5 39 |
| S 25 | 22 17 | 18 26 | 3 57 | 13 58 | 3 51 | 24 45 | 1 34 | 24 15 | 1 12 | 16 37 | 0 47 | 14 53 | 1 18 | 23 33 | 0 22 | 21 25 | 1 20 | 12 31 | 9 27 | 19 37 | 19 16 | 13 51 | 17 49 | 5 39 |
| M26 | 22 24 | 20 25 | 3 2 | 14 13 | 3 47 | 24 41 | 1 35 | 24 11 | 1 12 | 16 37 | 0 47 | 14 53 | 1 18 | 23 33 | 0 22 | 21 25 | 1 20 | 12 32 | 9 27 | 19 38 | 19 17 | 13 49 | 17 49 | 5 39 |
| T 27 | 22 31 | 21 10 | 1 56 | 14 29 | 3 43 | 24 36 | 1 37 | 24 8 | 1 12 | 16 38 | 0 48 | 14 53 | 1 18 | 23 33 | 0 22 | 21 26 | 1 20 | 12 32 | 9 27 | 19 39 | 19 17 | 13 48 | 17 50 | 5 39 |
| W28 | 22 38 | 20 34 | 0 42 | 14 46 | 3 38 | 24 31 | 1 38 | 24 4 | 1 12 | 16 38 | 0 48 | 14 54 | 1 18 | 23 34 | 0 22 | 21 26 | 1 20 | 12 32 | 9 27 | 19 39 | 19 18 | 13 46 | 17 50 | 5 39 |
| T 29 | 22 44 | 18 37 | 0s35 | 15 6 | 3 32 | 24 25 | 1 39 | 24 1 | 1 12 | 16 38 | 0 48 | 14 54 | 1 18 | 23 34 | 0 22 | 21 26 | 1 20 | 12 32 | 9 27 | 19 40 | 19 19 | 13 44 | 17 50 | 5 39 |
| F 30 | 22 50 | 15 31 | 1 50 | 15 26 | 3 25 | 24 18 | 1 40 | 23 57 | 1 12 | 16 39 | 0 48 | 14 54 | 1 19 | 23 34 | 0 22 | 21 26 | 1 20 | 12 33 | 9 27 | 19 39 | 19 20 | 13 43 | 17 50 | 5 38 |
| S 31 | 22n56 | 11s31 | 2s58 | 15n48 | 3s18 | 24n10 | 1n41 | 23n53 | 1n12 | 16s39 | 0s49 | 14s54 | 1s19 | 23s34 | 0s22 | 21n27 | 1s20 | 12n33 | 9s27 | 19n39 | 19n20 | 13n41 | 17n50 | 5s38 |

Julian Day Number = 2233989.5, Delta T = 07m46s
Ecliptic obliquity = 23°30'54, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°25'51, Lahiri = 15°32'51 Julian Calendar 1 May 1404 == Greg. Calendar 10 May 1404

# ASTRODIENST EPHEMERIS for the year 1404
# geocentric

## JUNE 1404 JC — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 17 12 6 | 18♊30'22 | 21♓43 | 25♉46 | 17♋42 | 15♋26 | 16°R42 | 23°R40 | 9°R 3 | 16♊ 1 | 9♊ 7 | 2°R34 | 3♌51 | 29♌54 | 26♊58 | S 1 |
| M 2 | 17 16 2 | 19°27'36 | 5♈45 | 26°54 | 18°54 | 16° 4 | 16♒41 | 23♒40 | 9♉ 1 | 16° 3 | 9° 8 | 2♌33 | 3°48 | 0♍ 1 | 27° 4 | M 2 |
| T 3 | 17 19 59 | 20°24'50 | 19°40 | 28° 5 | 20° 6 | 16°42 | 16°40 | 23°39 | 8°59 | 16° 5 | 9°10 | 2°30 | 3°45 | 0° 7 | 27°10 | T 3 |
| W 4 | 17 23 55 | 21°22'04 | 3♉24 | 29°20 | 21°18 | 17°20 | 16°38 | 23°38 | 8°56 | 16° 7 | 9°11 | 2°25 | 3°42 | 0°14 | 27°16 | W 4 |
| T 5 | 17 27 52 | 22°19'17 | 16°58 | 0♊39 | 22°30 | 17°58 | 16°37 | 23°37 | 8°54 | 16°10 | 9°12 | 2°19 | 3°39 | 0°21 | 27°23 | T 5 |
| F 6 | 17 31 49 | 23°16'31 | 0♊18 | 2° 1 | 23°42 | 18°36 | 16°35 | 23°36 | 8°52 | 16°12 | 9°14 | 2°13 | 3°35 | 0°27 | 27°29 | F 6 |
| S 7 | 17 35 45 | 24°13'44 | 13°25 | 3°27 | 24°54 | 19°14 | 16°33 | 23°35 | 8°49 | 16°14 | 9°15 | 2° 7 | 3°32 | 0°34 | 27°35 | S 7 |
| S 8 | 17 39 42 | 25°10'57 | 26°16 | 4°55 | 26° 6 | 19°52 | 16°31 | 23°34 | 8°47 | 16°16 | 9°16 | 2° 1 | 3°29 | 0°41 | 27°41 | S 8 |
| M 9 | 17 43 38 | 26° 8'10 | 8♋52 | 6°27 | 27°17 | 20°30 | 16°28 | 23°32 | 8°45 | 16°19 | 9°18 | 1°58 | 3°26 | 0°47 | 27°47 | M 9 |
| T 10 | 17 47 35 | 27° 5'23 | 21°14 | 8° 3 | 28°29 | 21° 8 | 16°26 | 23°31 | 8°42 | 16°21 | 9°19 | 1°55 | 3°23 | 0°54 | 27°53 | T 10 |
| W11 | 17 51 31 | 28° 2'35 | 3♌22 | 9°41 | 29°41 | 21°46 | 16°23 | 23°30 | 8°40 | 16°23 | 9°20 | 1°D55 | 3°20 | 1° 1 | 27°59 | W11 |
| T 12 | 17 55 28 | 28°59'47 | 15°21 | 11°23 | 0♌52 | 22°23 | 16°20 | 23°28 | 8°38 | 16°25 | 9°22 | 1°56 | 3°16 | 1° 7 | 28° 5 | T 12 |
| F 13 | 17 59 24 | 29°56'58 | 27°12 | 13° 8 | 2° 4 | 23° 1 | 16°17 | 23°26 | 8°35 | 16°27 | 9°23 | 1°57 | 3°13 | 1°14 | 28°11 | F 13 |
| S 14 | 18 3 21 | 0♋54'09 | 9♍ 1 | 14°56 | 3°16 | 23°39 | 16°14 | 23°24 | 8°33 | 16°30 | 9°24 | 1°59 | 3°10 | 1°21 | 28°18 | S 14 |
| S 15 | 18 7 18 | 1°51'20 | 20°52 | 16°47 | 4°27 | 24°17 | 16°11 | 23°23 | 8°31 | 16°32 | 9°26 | 2° 0 | 3° 7 | 1°27 | 28°24 | S 15 |
| M16 | 18 11 14 | 2°48'31 | 2♎49 | 18°40 | 5°39 | 24°55 | 16° 7 | 23°21 | 8°28 | 16°34 | 9°27 | 2°R 1 | 3° 4 | 1°34 | 28°30 | M16 |
| T 17 | 18 15 11 | 3°45'41 | 14°59 | 20°36 | 6°50 | 25°33 | 16° 3 | 23°19 | 8°26 | 16°36 | 9°28 | 2° 0 | 3° 0 | 1°41 | 28°36 | T 17 |
| W18 | 18 19 7 | 4°42'51 | 27°24 | 22°35 | 8° 2 | 26°11 | 15°59 | 23°16 | 8°23 | 16°38 | 9°30 | 1°58 | 2°57 | 1°47 | 28°42 | W18 |
| T 19 | 18 23 4 | 5°40'01 | 10♏10 | 24°36 | 9°13 | 26°49 | 15°55 | 23°14 | 8°21 | 16°40 | 9°31 | 1°56 | 2°54 | 1°54 | 28°48 | T 19 |
| F 20 | 18 27 0 | 6°37'11 | 23°19 | 26°39 | 10°24 | 27°27 | 15°51 | 23°12 | 8°19 | 16°43 | 9°32 | 1°52 | 2°51 | 2° 1 | 28°54 | F 20 |
| S 21 | 18 30 57 | 7°34'21 | 6♐51 | 28°43 | 11°35 | 28° 5 | 15°46 | 23°10 | 8°16 | 16°45 | 9°33 | 1°49 | 2°48 | 2° 7 | 29° 0 | S 21 |
| S 22 | 18 34 53 | 8°31'30 | 20°47 | 0♋49 | 12°46 | 28°43 | 15°42 | 23° 7 | 8°14 | 16°47 | 9°35 | 1°45 | 2°45 | 2°14 | 29° 6 | S 22 |
| M23 | 18 38 50 | 9°28'40 | 5♑ 3 | 2°57 | 13°58 | 29°20 | 15°37 | 23° 5 | 8°11 | 16°49 | 9°36 | 1°43 | 2°41 | 2°21 | 29°12 | M23 |
| T 24 | 18 42 47 | 10°25'51 | 19°35 | 5° 5 | 15° 9 | 29°58 | 15°32 | 23° 2 | 8° 9 | 16°51 | 9°37 | 1°41 | 2°38 | 2°27 | 29°18 | T 24 |
| W25 | 18 46 43 | 11°23'01 | 4♒15 | 7°14 | 16°20 | 0♌36 | 15°27 | 22°59 | 8° 6 | 16°53 | 9°38 | 1°D41 | 2°35 | 2°34 | 29°24 | W25 |
| T 26 | 18 50 40 | 12°20'12 | 18°59 | 9°23 | 17°31 | 1°14 | 15°22 | 22°56 | 8° 4 | 16°55 | 9°39 | 1°42 | 2°32 | 2°41 | 29°31 | T 26 |
| F 27 | 18 54 36 | 13°17'23 | 3♓39 | 11°32 | 18°41 | 1°52 | 15°16 | 22°54 | 8° 2 | 16°57 | 9°41 | 1°43 | 2°29 | 2°47 | 29°37 | F 27 |
| S 28 | 18 58 33 | 14°14'35 | 18°11 | 13°41 | 19°52 | 2°30 | 15°11 | 22°51 | 7°59 | 16°59 | 9°42 | 1°44 | 2°26 | 2°54 | 29°43 | S 28 |
| S 29 | 19 2 29 | 15°11'48 | 2♈29 | 15°49 | 21° 3 | 3° 8 | 15° 5 | 22°48 | 7°57 | 17° 1 | 9°43 | 1°45 | 2°22 | 3° 1 | 29°49 | S 29 |
| M30 | 19 6 26 | 16♋ 9'01 | 16♈32 | 17♋57 | 22♌14 | 3♌46 | 14♒59 | 22♒44 | 7♉54 | 17♊ 3 | 9♊44 | 1°R45 | 2♌19 | 3♍ 7 | 29♊55 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 23n 1 | 6s53 | 3s55 | 16n11 | 3s10 | 24n 2 | 1n42 | 23n48 | 1n12 | 16s40 | 0s49 | 14s55 | 1s19 | 23s34 | 0s22 | 21n27 | 1s20 | 12n33 | 9s27 | 19n39 | 19n21 | 13n40 | 17n50 | 5s38 |
| M 2 | 23 6 | 1 56 | 4 37 | 16 35 | 3 2 | 23 53 | 1 43 | 23 44 | 1 12 | 16 40 | 0 49 | 14 55 | 1 19 | 23 34 | 0 22 | 21 27 | 1 20 | 12 33 | 9 27 | 19 39 | 19 22 | 13 38 | 17 51 | 5 38 |
| T 3 | 23 10 | 3n 3 | 5 2 | 16 59 | 2 53 | 23 43 | 1 44 | 23 39 | 1 12 | 16 41 | 0 49 | 14 56 | 1 19 | 23 35 | 0 22 | 21 27 | 1 20 | 12 33 | 9 27 | 19 40 | 19 23 | 13 36 | 17 51 | 5 39 |
| W 4 | 23 14 | 7 50 | 5 10 | 17 25 | 2 43 | 23 33 | 1 45 | 23 34 | 1 12 | 16 41 | 0 50 | 14 56 | 1 20 | 23 35 | 0 22 | 21 28 | 1 20 | 12 34 | 9 27 | 19 41 | 19 23 | 13 35 | 17 51 | 5 39 |
| T 5 | 23 17 | 12 10 | 5 0 | 17 51 | 2 33 | 23 22 | 1 45 | 23 29 | 1 12 | 16 42 | 0 50 | 14 57 | 1 20 | 23 35 | 0 22 | 21 28 | 1 20 | 12 34 | 9 27 | 19 42 | 19 24 | 13 33 | 17 51 | 5 39 |
| F 6 | 23 21 | 15 49 | 4 34 | 18 18 | 2 23 | 23 10 | 1 46 | 23 24 | 1 12 | 16 43 | 0 50 | 14 57 | 1 20 | 23 35 | 0 22 | 21 28 | 1 20 | 12 34 | 9 27 | 19 44 | 19 25 | 13 31 | 17 51 | 5 39 |
| S 7 | 23 23 | 18 37 | 3 53 | 18 45 | 2 12 | 22 58 | 1 47 | 23 19 | 1 12 | 16 44 | 0 50 | 14 58 | 1 20 | 23 35 | 0 22 | 21 28 | 1 20 | 12 34 | 9 27 | 19 45 | 19 25 | 13 30 | 17 51 | 5 39 |
| S 8 | 23 26 | 20 26 | 3 2 | 19 12 | 2 1 | 22 45 | 1 47 | 23 13 | 1 12 | 16 45 | 0 51 | 14 58 | 1 20 | 23 35 | 0 22 | 21 28 | 1 20 | 12 34 | 9 27 | 19 46 | 19 26 | 13 28 | 17 51 | 5 39 |
| M 9 | 23 28 | 21 11 | 2 2 | 19 39 | 1 50 | 22 31 | 1 47 | 23 8 | 1 12 | 16 46 | 0 51 | 14 59 | 1 21 | 23 36 | 0 22 | 21 29 | 1 20 | 12 35 | 9 27 | 19 47 | 19 27 | 13 27 | 17 51 | 5 39 |
| T 10 | 23 29 | 20 53 | 0 58 | 20 6 | 1 38 | 22 17 | 1 48 | 23 2 | 1 12 | 16 47 | 0 51 | 15 0 | 1 21 | 23 36 | 0 22 | 21 29 | 1 20 | 12 35 | 9 27 | 19 48 | 19 28 | 13 25 | 17 51 | 5 39 |
| W11 | 23 30 | 19 36 | 0n 8 | 20 33 | 1 27 | 22 2 | 1 48 | 22 56 | 1 12 | 16 48 | 0 51 | 15 0 | 1 21 | 23 36 | 0 22 | 21 29 | 1 20 | 12 35 | 9 27 | 19 48 | 19 28 | 13 23 | 17 51 | 5 39 |
| T 12 | 23 31 | 17 27 | 1 13 | 20 59 | 1 15 | 21 47 | 1 48 | 22 50 | 1 12 | 16 49 | 0 52 | 15 1 | 1 21 | 23 36 | 0 22 | 21 29 | 1 20 | 12 35 | 9 27 | 19 48 | 19 29 | 13 22 | 17 51 | 5 39 |
| F 13 | 23 31 | 14 35 | 2 14 | 21 25 | 1 2 | 21 31 | 1 48 | 22 43 | 1 12 | 16 50 | 0 52 | 15 2 | 1 21 | 23 36 | 0 22 | 21 30 | 1 20 | 12 35 | 9 27 | 19 47 | 19 30 | 13 20 | 17 51 | 5 39 |
| S 14 | 23 31 | 11 8 | 3 9 | 21 50 | 0 50 | 21 14 | 1 48 | 22 37 | 1 12 | 16 51 | 0 52 | 15 2 | 1 21 | 23 36 | 0 22 | 21 30 | 1 20 | 12 35 | 9 27 | 19 47 | 19 31 | 13 18 | 17 51 | 5 39 |
| S 15 | 23 30 | 7 15 | 3 57 | 22 13 | 0 38 | 20 57 | 1 48 | 22 30 | 1 12 | 16 52 | 0 53 | 15 3 | 1 22 | 23 37 | 0 22 | 21 30 | 1 20 | 12 36 | 9 27 | 19 47 | 19 31 | 13 17 | 17 51 | 5 39 |
| M16 | 23 29 | 3 4 | 4 34 | 22 36 | 0 26 | 20 40 | 1 48 | 22 23 | 1 12 | 16 54 | 0 53 | 15 4 | 1 22 | 23 37 | 0 22 | 21 30 | 1 20 | 12 36 | 9 27 | 19 46 | 19 32 | 13 15 | 17 51 | 5 39 |
| T 17 | 23 28 | 1s18 | 5 0 | 22 56 | 0 15 | 20 21 | 1 47 | 22 16 | 1 12 | 16 55 | 0 53 | 15 5 | 1 22 | 23 37 | 0 22 | 21 30 | 1 20 | 12 36 | 9 27 | 19 47 | 19 33 | 13 13 | 17 51 | 5 39 |
| W18 | 23 26 | 5 43 | 5 13 | 23 15 | 0 3 | 20 2 | 1 47 | 22 9 | 1 12 | 16 56 | 0 53 | 15 6 | 1 22 | 23 37 | 0 22 | 21 31 | 1 20 | 12 36 | 9 27 | 19 47 | 19 34 | 13 12 | 17 51 | 5 40 |
| T 19 | 23 24 | 9 59 | 5 11 | 23 33 | 0n 8 | 19 43 | 1 47 | 22 2 | 1 12 | 16 58 | 0 54 | 15 7 | 1 22 | 23 37 | 0 22 | 21 31 | 1 20 | 12 36 | 9 27 | 19 48 | 19 34 | 13 10 | 17 51 | 5 40 |
| F 20 | 23 21 | 13 56 | 4 53 | 23 48 | 0 19 | 19 23 | 1 46 | 21 54 | 1 12 | 16 59 | 0 54 | 15 8 | 1 23 | 23 37 | 0 22 | 21 31 | 1 20 | 12 36 | 9 27 | 19 48 | 19 35 | 13 8 | 17 51 | 5 40 |
| S 21 | 23 18 | 17 17 | 4 18 | 24 0 | 0 30 | 19 3 | 1 45 | 21 47 | 1 12 | 17 1 | 0 54 | 15 9 | 1 23 | 23 38 | 0 22 | 21 31 | 1 20 | 12 36 | 9 27 | 19 49 | 19 36 | 13 6 | 17 51 | 5 40 |
| S 22 | 23 14 | 19 45 | 3 27 | 24 11 | 0 40 | 18 42 | 1 45 | 21 39 | 1 11 | 17 3 | 0 54 | 15 10 | 1 23 | 23 38 | 0 22 | 21 31 | 1 20 | 12 36 | 9 27 | 19 50 | 19 37 | 13 5 | 17 51 | 5 40 |
| M23 | 23 11 | 21 4 | 2 22 | 24 18 | 0 49 | 18 21 | 1 44 | 21 31 | 1 11 | 17 4 | 0 54 | 15 11 | 1 23 | 23 38 | 0 22 | 21 32 | 1 20 | 12 37 | 9 27 | 19 50 | 19 37 | 13 3 | 17 51 | 5 40 |
| T 24 | 23 6 | 20 59 | 1 6 | 24 23 | 0 58 | 17 59 | 1 43 | 21 23 | 1 11 | 17 6 | 0 55 | 15 12 | 1 23 | 23 38 | 0 22 | 21 32 | 1 20 | 12 37 | 9 27 | 19 51 | 19 38 | 13 1 | 17 50 | 5 40 |
| W25 | 23 2 | 19 29 | 0s14 | 24 25 | 1 6 | 17 37 | 1 42 | 21 15 | 1 11 | 17 8 | 0 55 | 15 13 | 1 24 | 23 38 | 0 22 | 21 32 | 1 20 | 12 37 | 9 27 | 19 51 | 19 39 | 13 0 | 17 50 | 5 41 |
| T 26 | 22 56 | 16 40 | 1 34 | 24 25 | 1 14 | 17 14 | 1 41 | 21 6 | 1 11 | 17 10 | 0 55 | 15 14 | 1 24 | 23 38 | 0 22 | 21 32 | 1 20 | 12 37 | 9 27 | 19 51 | 19 39 | 12 58 | 17 50 | 5 41 |
| F 27 | 22 51 | 12 48 | 2 48 | 24 21 | 1 21 | 16 51 | 1 40 | 20 58 | 1 11 | 17 11 | 0 55 | 15 15 | 1 24 | 23 39 | 0 22 | 21 32 | 1 20 | 12 37 | 9 27 | 19 50 | 19 40 | 12 56 | 17 50 | 5 41 |
| S 28 | 22 45 | 8 12 | 3 50 | 24 15 | 1 27 | 16 28 | 1 39 | 20 49 | 1 11 | 17 13 | 0 56 | 15 16 | 1 24 | 23 39 | 0 22 | 21 33 | 1 20 | 12 37 | 9 27 | 19 50 | 19 41 | 12 55 | 17 50 | 5 41 |
| S 29 | 22 39 | 3 14 | 4 36 | 24 6 | 1 32 | 16 4 | 1 37 | 20 40 | 1 11 | 17 15 | 0 56 | 15 17 | 1 24 | 23 39 | 0 22 | 21 33 | 1 20 | 12 37 | 9 27 | 19 50 | 19 42 | 12 53 | 17 50 | 5 41 |
| M30 | 22n32 | 1n49 | 5s 5 | 23n54 | 1n37 | 15n39 | 1n36 | 20n31 | 1n11 | 17s17 | 0s56 | 15s18 | 1s24 | 23s39 | 0s22 | 21n33 | 1s20 | 12n37 | 9s28 | 19n50 | 19n42 | 12n51 | 17n49 | 5s41 |

Julian Day Number = 2234020.5, Delta T = 07m46s
Ecliptic obliquity = 23°30'54, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°25'55, Lahiri = 15°32'56 Julian Calendar 1 June 1404 == Greg. Calendar 10 June 1404

# ASTRODIENST EPHEMERIS for the year 1404
# geocentric

## JULY 1404 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 19 10 22 | 17♋ 6'15 | 0♉19 | 20♋ 4 | 23♌24 | 4♌24 | 14°R53 | 22°R41 | 7°R52 | 17♊ 5 | 9♊45 | 1°R45 | 2♌16 | 3♍14 | 0♋ 1 | T 1 |
| W 2 | 19 14 19 | 18° 3'30 | 13°50 | 22° 9 | 24°35 | 5° 2 | 14♒47 | 22♒38 | 7♑50 | 17° 7 | 9°46 | 1♌44 | 2°13 | 3°21 | 0° 6 | W 2 |
| T 3 | 19 18 16 | 19° 0'46 | 27° 4 | 24°14 | 25°45 | 5°40 | 14°41 | 22°35 | 7°47 | 17° 9 | 9°48 | 1°42 | 2°10 | 3°27 | 0°12 | T 3 |
| F 4 | 19 22 12 | 19°58'02 | 10♊ 3 | 26°17 | 26°56 | 6°17 | 14°35 | 22°31 | 7°45 | 17°11 | 9°49 | 1°41 | 2° 6 | 3°34 | 0°18 | F 4 |
| S 5 | 19 26 9 | 20°55'20 | 22°47 | 28°18 | 28° 6 | 6°55 | 14°28 | 22°28 | 7°43 | 17°13 | 9°50 | 1°39 | 2° 3 | 3°41 | 0°24 | S 5 |
| S 6 | 19 30 5 | 21°52'38 | 5♋19 | 0♌18 | 29°16 | 7°33 | 14°22 | 22°24 | 7°40 | 17°15 | 9°51 | 1°38 | 2° 0 | 3°47 | 0°30 | S 6 |
| M 7 | 19 34 2 | 22°49'57 | 17°38 | 2°17 | 0♍27 | 8°11 | 14°15 | 22°21 | 7°38 | 17°17 | 9°52 | 1°37 | 1°57 | 3°54 | 0°36 | M 7 |
| T 8 | 19 37 58 | 23°47'16 | 29°47 | 4°14 | 1°37 | 8°49 | 14° 8 | 22°17 | 7°36 | 17°19 | 9°53 | 1°D37 | 1°54 | 4° 1 | 0°42 | T 8 |
| W 9 | 19 41 55 | 24°44'36 | 11♌47 | 6° 9 | 2°47 | 9°27 | 14° 1 | 22°14 | 7°33 | 17°21 | 9°54 | 1°37 | 1°51 | 4° 7 | 0°48 | W 9 |
| T 10 | 19 45 51 | 25°41'57 | 23°41 | 8° 3 | 3°57 | 10° 5 | 13°54 | 22°10 | 7°31 | 17°23 | 9°55 | 1°38 | 1°47 | 4°14 | 0°53 | T 10 |
| F 11 | 19 49 48 | 26°39'19 | 5♍30 | 9°55 | 5° 7 | 10°43 | 13°47 | 22° 6 | 7°29 | 17°24 | 9°56 | 1°38 | 1°44 | 4°21 | 0°59 | F 11 |
| S 12 | 19 53 45 | 27°36'41 | 17°19 | 11°45 | 6°17 | 11°21 | 13°40 | 22° 2 | 7°27 | 17°26 | 9°57 | 1°39 | 1°41 | 4°27 | 1° 5 | S 12 |
| S 13 | 19 57 41 | 28°34'03 | 29°10 | 13°34 | 7°27 | 11°59 | 13°33 | 21°58 | 7°24 | 17°28 | 9°58 | 1°39 | 1°38 | 4°34 | 1°11 | S 13 |
| M14 | 20 1 38 | 29°31'27 | 11♎ 7 | 15°20 | 8°36 | 12°37 | 13°25 | 21°54 | 7°22 | 17°30 | 9°59 | 1°39 | 1°35 | 4°41 | 1°16 | M14 |
| T 15 | 20 5 34 | 0♌28'50 | 23°15 | 17° 6 | 9°46 | 13°15 | 13°18 | 21°50 | 7°20 | 17°32 | 10° 0 | 1°39 | 1°32 | 4°47 | 1°22 | T 15 |
| W16 | 20 9 31 | 1°26'15 | 5♏38 | 18°49 | 10°56 | 13°53 | 13°10 | 21°46 | 7°18 | 17°33 | 10° 1 | 1°39 | 1°28 | 4°54 | 1°27 | W16 |
| T 17 | 20 13 27 | 2°23'40 | 18°21 | 20°31 | 12° 5 | 14°31 | 13° 3 | 21°42 | 7°16 | 17°35 | 10° 2 | 1°39 | 1°25 | 5° 1 | 1°33 | T 17 |
| F 18 | 20 17 24 | 3°21'06 | 1♐26 | 22°12 | 13°14 | 15° 9 | 12°55 | 21°38 | 7°14 | 17°37 | 10° 3 | 1°40 | 1°22 | 5° 7 | 1°39 | F 18 |
| S 19 | 20 21 20 | 4°18'33 | 14°57 | 23°50 | 14°24 | 15°47 | 12°48 | 21°34 | 7°12 | 17°38 | 10° 4 | 1°40 | 1°19 | 5°14 | 1°44 | S 19 |
| S 20 | 20 25 17 | 5°16'01 | 28°55 | 25°28 | 15°33 | 16°25 | 12°40 | 21°29 | 7°10 | 17°40 | 10° 5 | 1°40 | 1°16 | 5°21 | 1°50 | S 20 |
| M21 | 20 29 14 | 6°13'30 | 13♑17 | 27° 3 | 16°42 | 17° 3 | 12°32 | 21°25 | 7° 8 | 17°42 | 10° 5 | 1°40 | 1°12 | 5°27 | 1°55 | M21 |
| T 22 | 20 33 10 | 7°10'59 | 28° 1 | 28°37 | 17°51 | 17°41 | 12°24 | 21°21 | 7° 6 | 17°43 | 10° 6 | 1°R41 | 1° 9 | 5°34 | 2° 1 | T 22 |
| W23 | 20 37 7 | 8° 8'30 | 12♒59 | 0♍ 9 | 19° 0 | 18°19 | 12°17 | 21°17 | 7° 4 | 17°45 | 10° 7 | 1°41 | 1° 6 | 5°41 | 2° 6 | W23 |
| T 24 | 20 41 3 | 9° 6'01 | 28° 4 | 1°40 | 20° 9 | 18°57 | 12° 9 | 21°12 | 7° 2 | 17°46 | 10° 8 | 1°40 | 1° 3 | 5°47 | 2°11 | T 24 |
| F 25 | 20 45 0 | 10° 3'34 | 13♓ 7 | 3° 9 | 21°17 | 19°35 | 12° 1 | 21° 8 | 7° 0 | 17°48 | 10° 9 | 1°39 | 1° 0 | 5°54 | 2°17 | F 25 |
| S 26 | 20 48 56 | 11° 1'09 | 27°59 | 4°36 | 22°26 | 20°13 | 11°53 | 21° 4 | 6°58 | 17°49 | 10° 9 | 1°38 | 0°57 | 6° 1 | 2°22 | S 26 |
| S 27 | 20 52 53 | 11°58'44 | 12♈33 | 6° 2 | 23°34 | 20°51 | 11°45 | 20°59 | 6°56 | 17°51 | 10°10 | 1°37 | 0°53 | 6° 7 | 2°27 | S 27 |
| M28 | 20 56 49 | 12°56'22 | 26°46 | 7°26 | 24°43 | 21°29 | 11°38 | 20°55 | 6°54 | 17°52 | 10°11 | 1°36 | 0°50 | 6°14 | 2°32 | M28 |
| T 29 | 21 0 46 | 13°54'01 | 10♉36 | 8°48 | 25°51 | 22° 8 | 11°30 | 20°50 | 6°53 | 17°54 | 10°12 | 1°D36 | 0°47 | 6°21 | 2°37 | T 29 |
| W30 | 21 4 43 | 14°51'41 | 24° 2 | 10° 8 | 26°59 | 22°46 | 11°22 | 20°46 | 6°51 | 17°55 | 10°12 | 1°36 | 0°44 | 6°27 | 2°42 | W30 |
| T 31 | 21 8 39 | 15♌49'23 | 7♊ 6 | 11♍27 | 28♍ 7 | 23♌24 | 11♒14 | 20♒41 | 6♑49 | 17♊57 | 10♊13 | 1♌37 | 0♌41 | 6♍34 | 2♋47 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 22n25 | 6n41 | 5s16 | 23n40 | 1n41 | 15n15 | 1n34 | 20n22 | 1n11 | 17s19 | 0s56 | 15s20 | 1s25 | 23s39 | 0s22 | 21n33 | 1s20 | 12n37 | 9s28 | 19n50 | 19n43 | 12n49 | 17n49 | 5s42 |
| W 2 | 22 18 | 11 7 | 5 9 | 23 24 | 1 44 | 14 50 | 1 33 | 20 13 | 1 11 | 17 21 | 0 57 | 15 21 | 1 25 | 23 39 | 0 22 | 21 33 | 1 20 | 12 37 | 9 28 | 19 50 | 19 44 | 12 48 | 17 49 | 5 42 |
| T 3 | 22 10 | 14 55 | 4 46 | 23 5 | 1 46 | 14 24 | 1 31 | 20 4 | 1 11 | 17 23 | 0 57 | 15 22 | 1 25 | 23 39 | 0 22 | 21 33 | 1 20 | 12 38 | 9 28 | 19 51 | 19 44 | 12 46 | 17 49 | 5 42 |
| F 4 | 22 1 | 17 56 | 4 8 | 22 43 | 1 48 | 13 58 | 1 29 | 19 54 | 1 11 | 17 25 | 0 57 | 15 23 | 1 25 | 23 40 | 0 22 | 21 34 | 1 20 | 12 38 | 9 28 | 19 51 | 19 45 | 12 44 | 17 49 | 5 42 |
| S 5 | 21 53 | 20 0 | 3 19 | 22 20 | 1 48 | 13 32 | 1 27 | 19 44 | 1 11 | 17 27 | 0 57 | 15 25 | 1 25 | 23 40 | 0 22 | 21 34 | 1 21 | 12 38 | 9 28 | 19 51 | 19 46 | 12 42 | 17 48 | 5 43 |
| S 6 | 21 44 | 21 4 | 2 21 | 21 55 | 1 49 | 13 6 | 1 25 | 19 35 | 1 11 | 17 29 | 0 57 | 15 26 | 1 25 | 23 40 | 0 22 | 21 34 | 1 21 | 12 38 | 9 28 | 19 52 | 19 47 | 12 41 | 17 48 | 5 43 |
| M 7 | 21 35 | 21 5 | 1 17 | 21 28 | 1 48 | 12 39 | 1 23 | 19 25 | 1 11 | 17 32 | 0 58 | 15 27 | 1 26 | 23 40 | 0 22 | 21 34 | 1 21 | 12 38 | 9 28 | 19 52 | 19 47 | 12 39 | 17 48 | 5 43 |
| T 8 | 21 25 | 20 6 | 0 10 | 21 0 | 1 47 | 12 12 | 1 21 | 19 15 | 1 10 | 17 34 | 0 58 | 15 29 | 1 26 | 23 40 | 0 22 | 21 34 | 1 21 | 12 38 | 9 28 | 19 52 | 19 48 | 12 37 | 17 48 | 5 43 |
| W 9 | 21 15 | 18 12 | 0n56 | 20 30 | 1 46 | 11 44 | 1 19 | 19 4 | 1 10 | 17 36 | 0 58 | 15 30 | 1 26 | 23 40 | 0 22 | 21 34 | 1 21 | 12 38 | 9 28 | 19 52 | 19 49 | 12 35 | 17 47 | 5 44 |
| T 10 | 21 4 | 15 33 | 1 59 | 19 59 | 1 43 | 11 17 | 1 17 | 18 54 | 1 10 | 17 38 | 0 58 | 15 31 | 1 26 | 23 40 | 0 22 | 21 35 | 1 21 | 12 38 | 9 28 | 19 52 | 19 49 | 12 34 | 17 47 | 5 44 |
| F 11 | 20 53 | 12 16 | 2 57 | 19 26 | 1 40 | 10 49 | 1 14 | 18 44 | 1 10 | 17 40 | 0 58 | 15 33 | 1 26 | 23 41 | 0 22 | 21 35 | 1 21 | 12 38 | 9 29 | 19 52 | 19 50 | 12 32 | 17 47 | 5 44 |
| S 12 | 20 42 | 8 31 | 3 47 | 18 52 | 1 37 | 10 21 | 1 12 | 18 33 | 1 10 | 17 43 | 0 59 | 15 34 | 1 26 | 23 41 | 0 22 | 21 35 | 1 21 | 12 38 | 9 29 | 19 51 | 19 51 | 12 30 | 17 46 | 5 44 |
| S 13 | 20 31 | 4 26 | 4 28 | 18 18 | 1 33 | 9 52 | 1 9 | 18 22 | 1 10 | 17 45 | 0 59 | 15 35 | 1 26 | 23 41 | 0 22 | 21 35 | 1 21 | 12 38 | 9 29 | 19 51 | 19 52 | 12 28 | 17 46 | 5 45 |
| M14 | 20 19 | 0 9 | 4 58 | 17 42 | 1 29 | 9 24 | 1 7 | 18 11 | 1 10 | 17 47 | 0 59 | 15 37 | 1 27 | 23 41 | 0 22 | 21 35 | 1 21 | 12 38 | 9 29 | 19 51 | 19 52 | 12 27 | 17 46 | 5 45 |
| T 15 | 20 7 | 4s12 | 5 14 | 17 6 | 1 24 | 8 55 | 1 4 | 18 1 | 1 10 | 17 49 | 0 59 | 15 38 | 1 27 | 23 41 | 0 22 | 21 35 | 1 21 | 12 38 | 9 29 | 19 51 | 19 53 | 12 25 | 17 45 | 5 45 |
| W16 | 19 54 | 8 27 | 5 17 | 16 29 | 1 19 | 8 26 | 1 1 | 17 49 | 1 10 | 17 52 | 0 59 | 15 40 | 1 27 | 23 41 | 0 22 | 21 35 | 1 21 | 12 38 | 9 29 | 19 51 | 19 54 | 12 23 | 17 45 | 5 46 |
| T 17 | 19 41 | 12 28 | 5 4 | 15 51 | 1 13 | 7 57 | 0 58 | 17 38 | 1 10 | 17 54 | 0 59 | 15 41 | 1 27 | 23 41 | 0 22 | 21 36 | 1 21 | 12 38 | 9 29 | 19 51 | 19 54 | 12 21 | 17 45 | 5 46 |
| F 18 | 19 28 | 16 1 | 4 36 | 15 13 | 1 7 | 7 27 | 0 55 | 17 27 | 1 9 | 17 56 | 1 0 | 15 43 | 1 27 | 23 41 | 0 22 | 21 36 | 1 21 | 12 38 | 9 29 | 19 51 | 19 55 | 12 20 | 17 44 | 5 46 |
| S 19 | 19 15 | 18 50 | 3 51 | 14 35 | 1 1 | 6 58 | 0 52 | 17 15 | 1 9 | 17 59 | 1 0 | 15 44 | 1 27 | 23 42 | 0 22 | 21 36 | 1 21 | 12 38 | 9 30 | 19 51 | 19 56 | 12 18 | 17 44 | 5 46 |
| S 20 | 19 1 | 20 38 | 2 52 | 13 56 | 0 54 | 6 28 | 0 49 | 17 4 | 1 9 | 18 1 | 1 0 | 15 46 | 1 27 | 23 42 | 0 22 | 21 36 | 1 21 | 12 38 | 9 30 | 19 51 | 19 57 | 12 16 | 17 43 | 5 47 |
| M21 | 18 47 | 21 11 | 1 40 | 13 17 | 0 47 | 5 58 | 0 46 | 16 52 | 1 9 | 18 3 | 1 0 | 15 47 | 1 27 | 23 42 | 0 22 | 21 36 | 1 21 | 12 38 | 9 30 | 19 51 | 19 57 | 12 14 | 17 43 | 5 47 |
| T 22 | 18 32 | 20 18 | 0 20 | 12 37 | 0 40 | 5 28 | 0 42 | 16 41 | 1 9 | 18 6 | 1 0 | 15 49 | 1 28 | 23 42 | 0 22 | 21 36 | 1 21 | 12 38 | 9 30 | 19 51 | 19 58 | 12 12 | 17 43 | 5 47 |
| W23 | 18 17 | 17 58 | 1s 2 | 11 58 | 0 32 | 4 58 | 0 39 | 16 29 | 1 9 | 18 8 | 1 0 | 15 50 | 1 28 | 23 42 | 0 22 | 21 36 | 1 21 | 12 38 | 9 30 | 19 51 | 19 59 | 12 11 | 17 42 | 5 48 |
| T 24 | 18 2 | 14 24 | 2 21 | 11 18 | 0 25 | 4 27 | 0 35 | 16 17 | 1 9 | 18 10 | 1 1 | 15 52 | 1 28 | 23 42 | 0 22 | 21 36 | 1 21 | 12 38 | 9 30 | 19 51 | 19 59 | 12 9 | 17 42 | 5 48 |
| F 25 | 17 47 | 9 53 | 3 30 | 10 38 | 0 16 | 3 57 | 0 32 | 16 5 | 1 9 | 18 13 | 1 1 | 15 53 | 1 28 | 23 42 | 0 22 | 21 37 | 1 21 | 12 38 | 9 30 | 19 51 | 20 0 | 12 7 | 17 41 | 5 49 |
| S 26 | 17 31 | 4 51 | 4 24 | 9 59 | 0 8 | 3 27 | 0 28 | 15 52 | 1 8 | 18 15 | 1 1 | 15 55 | 1 28 | 23 42 | 0 22 | 21 37 | 1 21 | 12 38 | 9 30 | 19 51 | 20 1 | 12 5 | 17 41 | 5 49 |
| S 27 | 17 15 | 0n23 | 5 0 | 9 19 | 0s 0 | 2 56 | 0 24 | 15 40 | 1 8 | 18 17 | 1 1 | 15 56 | 1 28 | 23 42 | 0 22 | 21 37 | 1 21 | 12 38 | 9 31 | 19 52 | 20 1 | 12 3 | 17 40 | 5 49 |
| M28 | 16 59 | 5 26 | 5 16 | 8 40 | 0 9 | 2 25 | 0 21 | 15 28 | 1 8 | 18 20 | 1 1 | 15 58 | 1 28 | 23 42 | 0 22 | 21 37 | 1 21 | 12 38 | 9 31 | 19 52 | 20 2 | 12 2 | 17 40 | 5 50 |
| T 29 | 16 42 | 10 5 | 5 13 | 8 1 | 0 18 | 1 55 | 0 17 | 15 15 | 1 8 | 18 22 | 1 1 | 15 59 | 1 28 | 23 43 | 0 22 | 21 37 | 1 21 | 12 38 | 9 31 | 19 52 | 20 3 | 12 0 | 17 39 | 5 50 |
| W30 | 16 26 | 14 6 | 4 53 | 7 22 | 0 27 | 1 24 | 0 13 | 15 2 | 1 8 | 18 24 | 1 1 | 16 1 | 1 28 | 23 43 | 0 22 | 21 37 | 1 21 | 12 38 | 9 31 | 19 52 | 20 3 | 11 58 | 17 39 | 5 50 |
| T 31 | 16n 9 | 17n19 | 4s18 | 6n44 | 0s37 | 0n53 | 0n 9 | 14n50 | 1n 8 | 18s27 | 1s 1 | 16s 2 | 1s29 | 23s43 | 0s22 | 21n37 | 1s21 | 12n38 | 9s31 | 19n52 | 20n 4 | 11n56 | 17n38 | 5s51 |

Julian Day Number = 2234050.5, Delta T = 07m46s
Ecliptic obliquity = 23°30'55, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°25'59, Lahiri = 15°33'00 Julian Calendar 1 July 1404 == Greg. Calendar 10 July 1404

# ASTRODIENST EPHEMERIS for the year 1404
# geocentric

## AUGUST 1404 JC

**00:00 UT**

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 21 12 36 | 16♌47'07 | 19♊51 | 12♍44 | 29♍15 | 24♌ 2 | 11°R 6 | 20°R37 | 6°R47 | 17♊58 | 10♊14 | 1♌38 | 0♌37 | 6♍41 | 2♋52 | F 1 |
| S 2 | 21 16 32 | 17°44'53 | 2♋20 | 13°59 | 0♎23 | 24°40 | 10♒58 | 20♒32 | 6♉46 | 17°59 | 10°14 | 1°39 | 0°34 | 6°47 | 2°57 | S 2 |
| S 3 | 21 20 29 | 18°42'40 | 14°36 | 15°12 | 1°31 | 25°18 | 10°51 | 20°28 | 6°44 | 18° 1 | 10°15 | 1°41 | 0°31 | 6°54 | 3° 2 | S 3 |
| M 4 | 21 24 25 | 19°40'29 | 26°41 | 16°23 | 2°38 | 25°56 | 10°43 | 20°23 | 6°43 | 18° 2 | 10°16 | 1°R41 | 0°28 | 7° 1 | 3° 7 | M 4 |
| T 5 | 21 28 22 | 20°38'19 | 8♌39 | 17°32 | 3°46 | 26°35 | 10°35 | 20°19 | 6°41 | 18° 3 | 10°16 | 1°41 | 0°25 | 7° 7 | 3°12 | T 5 |
| W 6 | 21 32 18 | 21°36'10 | 20°32 | 18°39 | 4°53 | 27°13 | 10°28 | 20°14 | 6°40 | 18° 4 | 10°17 | 1°40 | 0°22 | 7°14 | 3°17 | W 6 |
| T 7 | 21 36 15 | 22°34'04 | 2♍22 | 19°43 | 6° 0 | 27°51 | 10°20 | 20°10 | 6°38 | 18° 5 | 10°17 | 1°38 | 0°18 | 7°21 | 3°22 | T 7 |
| F 8 | 21 40 12 | 23°31'58 | 14°11 | 20°45 | 7° 7 | 28°29 | 10°13 | 20° 5 | 6°37 | 18° 7 | 10°18 | 1°35 | 0°15 | 7°27 | 3°26 | F 8 |
| S 9 | 21 44 8 | 24°29'54 | 26° 0 | 21°45 | 8°14 | 29° 7 | 10° 5 | 20° 1 | 6°35 | 18° 8 | 10°18 | 1°31 | 0°12 | 7°34 | 3°31 | S 9 |
| S 10 | 21 48 5 | 25°27'52 | 7♎54 | 22°41 | 9°21 | 29°46 | 9°58 | 19°56 | 6°34 | 18° 9 | 10°19 | 1°27 | 0° 9 | 7°41 | 3°35 | S 10 |
| M11 | 21 52 1 | 26°25'51 | 19°53 | 23°35 | 10°28 | 0♍24 | 9°51 | 19°52 | 6°33 | 18°10 | 10°19 | 1°24 | 0° 6 | 7°47 | 3°40 | M11 |
| T 12 | 21 55 58 | 27°23'51 | 2♏ 2 | 24°26 | 11°34 | 1° 2 | 9°44 | 19°47 | 6°32 | 18°11 | 10°20 | 1°20 | 0° 3 | 7°54 | 3°44 | T 12 |
| W13 | 21 59 54 | 28°21'53 | 14°24 | 25°14 | 12°40 | 1°40 | 9°37 | 19°43 | 6°30 | 18°12 | 10°20 | 1°18 | 29♋59 | 8° 1 | 3°49 | W13 |
| T 14 | 22 3 51 | 29°19'56 | 27° 3 | 25°58 | 13°47 | 2°19 | 9°30 | 19°38 | 6°29 | 18°13 | 10°21 | 1°D18 | 29°56 | 8° 7 | 3°53 | T 14 |
| F 15 | 22 7 47 | 0♍18'01 | 10♐ 2 | 26°39 | 14°53 | 2°57 | 9°23 | 19°34 | 6°28 | 18°14 | 10°21 | 1°18 | 29°53 | 8°14 | 3°57 | F 15 |
| S 16 | 22 11 44 | 1°16'07 | 23°25 | 27°16 | 15°58 | 3°35 | 9°16 | 19°29 | 6°27 | 18°15 | 10°21 | 1°19 | 29°50 | 8°21 | 4° 2 | S 16 |
| S 17 | 22 15 41 | 2°14'15 | 7♑15 | 27°49 | 17° 4 | 4°14 | 9° 9 | 19°25 | 6°26 | 18°16 | 10°22 | 1°21 | 29°47 | 8°27 | 4° 6 | S 17 |
| M18 | 22 19 37 | 3°12'24 | 21°31 | 28°17 | 18°10 | 4°52 | 9° 3 | 19°21 | 6°25 | 18°17 | 10°22 | 1°22 | 29°43 | 8°34 | 4°10 | M18 |
| T 19 | 22 23 34 | 4°10'34 | 6♒12 | 28°41 | 19°15 | 5°30 | 8°56 | 19°16 | 6°24 | 18°17 | 10°22 | 1°R22 | 29°40 | 8°41 | 4°14 | T 19 |
| W20 | 22 27 30 | 5° 8'46 | 21°13 | 28°59 | 20°20 | 6° 9 | 8°50 | 19°12 | 6°23 | 18°18 | 10°23 | 1°21 | 29°37 | 8°47 | 4°18 | W20 |
| T 21 | 22 31 27 | 6° 7'00 | 6♓27 | 29°13 | 21°25 | 6°47 | 8°44 | 19° 8 | 6°22 | 18°19 | 10°23 | 1°18 | 29°34 | 8°54 | 4°22 | T 21 |
| F 22 | 22 35 23 | 7° 5'16 | 21°43 | 29°20 | 22°29 | 7°26 | 8°38 | 19° 4 | 6°22 | 18°20 | 10°23 | 1°14 | 29°31 | 9° 1 | 4°25 | F 22 |
| S 23 | 22 39 20 | 8° 3'33 | 6♈51 | 29°R22 | 23°34 | 8° 4 | 8°32 | 19° 0 | 6°21 | 18°20 | 10°23 | 1° 8 | 29°28 | 9° 7 | 4°29 | S 23 |
| S 24 | 22 43 16 | 9° 1'53 | 21°41 | 29°18 | 24°38 | 8°42 | 8°26 | 18°55 | 6°20 | 18°21 | 10°23 | 1° 3 | 29°24 | 9°14 | 4°33 | S 24 |
| M25 | 22 47 13 | 10° 0'14 | 6♉ 8 | 29° 7 | 25°42 | 9°21 | 8°21 | 18°51 | 6°19 | 18°22 | 10°24 | 0°58 | 29°21 | 9°21 | 4°37 | M25 |
| T 26 | 22 51 10 | 10°58'38 | 20° 6 | 28°50 | 26°46 | 9°59 | 8°15 | 18°47 | 6°19 | 18°22 | 10°24 | 0°55 | 29°18 | 9°28 | 4°40 | T 26 |
| W27 | 22 55 6 | 11°57'04 | 3♊36 | 28°26 | 27°50 | 10°38 | 8°10 | 18°43 | 6°18 | 18°23 | 10°24 | 0°53 | 29°15 | 9°34 | 4°44 | W27 |
| T 28 | 22 59 3 | 12°55'32 | 16°39 | 27°55 | 28°53 | 11°16 | 8° 5 | 18°39 | 6°18 | 18°23 | 10°24 | 0°D53 | 29°12 | 9°41 | 4°47 | T 28 |
| F 29 | 23 2 59 | 13°54'02 | 29°19 | 27°17 | 29°56 | 11°55 | 8° 0 | 18°36 | 6°17 | 18°24 | 10°24 | 0°53 | 29° 9 | 9°48 | 4°51 | F 29 |
| S 30 | 23 6 56 | 14°52'35 | 11♋40 | 26°33 | 0♏59 | 12°33 | 7°55 | 18°32 | 6°17 | 18°24 | 10°24 | 0°55 | 29° 5 | 9°54 | 4°54 | S 30 |
| S 31 | 23 10 52 | 15♍51'09 | 23♋47 | 25♍44 | 2♏ 2 | 13♍12 | 7♒50 | 18♒28 | 6♉17 | 18♊25 | 10♊24 | 0♌56 | 29♋ 2 | 10♍ 1 | 4♋57 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 15n51 | 19n37 | 3s31 | 6n 6 | 0s46 | 0n22 | 0n 5 | 14n37 | 1n 8 | 18s29 | 1s 1 | 16s 4 | 1s29 | 23s43 | 0s22 | 21n37 | 1s21 | 12n38 | 9s31 | 19n52 | 20n 5 | 11n54 | 17n38 | 5s51 |
| S 2 | 15 34 | 20 54 | 2 35 | 5 28 | 0 56 | 0s 8 | 0 1 | 14 24 | 1 7 | 18 31 | 1 2 | 16 5 | 1 29 | 23 43 | 0 22 | 21 37 | 1 21 | 12 38 | 9 31 | 19 51 | 20 6 | 11 52 | 17 37 | 5 52 |
| S 3 | 15 16 | 21 10 | 1 33 | 4 51 | 1 5 | 0 39 | 0s 3 | 14 11 | 1 7 | 18 33 | 1 2 | 16 7 | 1 29 | 23 43 | 0 22 | 21 37 | 1 21 | 12 38 | 9 32 | 19 51 | 20 6 | 11 51 | 17 37 | 5 52 |
| M 4 | 14 58 | 20 26 | 0 28 | 4 14 | 1 15 | 1 10 | 0 8 | 13 58 | 1 7 | 18 35 | 1 2 | 16 9 | 1 29 | 23 43 | 0 22 | 21 38 | 1 21 | 12 38 | 9 32 | 19 51 | 20 7 | 11 49 | 17 36 | 5 53 |
| T 5 | 14 39 | 18 46 | 0n38 | 3 39 | 1 25 | 1 41 | 0 12 | 13 45 | 1 7 | 18 38 | 1 2 | 16 10 | 1 29 | 23 43 | 0 22 | 21 38 | 1 21 | 12 37 | 9 32 | 19 51 | 20 8 | 11 47 | 17 36 | 5 53 |
| W 6 | 14 21 | 16 18 | 1 42 | 3 3 | 1 34 | 2 12 | 0 16 | 13 31 | 1 7 | 18 40 | 1 2 | 16 12 | 1 29 | 23 43 | 0 22 | 21 38 | 1 21 | 12 37 | 9 32 | 19 51 | 20 8 | 11 45 | 17 35 | 5 53 |
| T 7 | 14 2 | 13 10 | 2 41 | 2 29 | 1 44 | 2 42 | 0 21 | 13 18 | 1 7 | 18 42 | 1 2 | 16 13 | 1 29 | 23 43 | 0 22 | 21 38 | 1 21 | 12 37 | 9 32 | 19 52 | 20 9 | 11 43 | 17 35 | 5 54 |
| F 8 | 13 43 | 9 31 | 3 33 | 1 56 | 1 54 | 3 13 | 0 25 | 13 5 | 1 6 | 18 44 | 1 2 | 16 15 | 1 29 | 23 43 | 0 22 | 21 38 | 1 21 | 12 37 | 9 32 | 19 52 | 20 10 | 11 41 | 17 34 | 5 54 |
| S 9 | 13 24 | 5 30 | 4 16 | 1 23 | 2 4 | 3 44 | 0 30 | 12 51 | 1 6 | 18 46 | 1 2 | 16 16 | 1 29 | 23 43 | 0 22 | 21 38 | 1 21 | 12 37 | 9 33 | 19 53 | 20 10 | 11 39 | 17 33 | 5 55 |
| S 10 | 13 4 | 1 16 | 4 48 | 0 52 | 2 14 | 4 14 | 0 34 | 12 37 | 1 6 | 18 48 | 1 2 | 16 18 | 1 29 | 23 43 | 0 22 | 21 38 | 1 21 | 12 37 | 9 33 | 19 54 | 20 11 | 11 38 | 17 33 | 5 55 |
| M11 | 12 45 | 3s 3 | 5 8 | 0 21 | 2 24 | 4 45 | 0 39 | 12 24 | 1 6 | 18 50 | 1 2 | 16 19 | 1 29 | 23 43 | 0 22 | 21 38 | 1 21 | 12 37 | 9 33 | 19 55 | 20 12 | 11 36 | 17 32 | 5 56 |
| T 12 | 12 25 | 7 18 | 5 14 | 0s 8 | 2 33 | 5 15 | 0 44 | 12 10 | 1 6 | 18 52 | 1 2 | 16 21 | 1 29 | 23 44 | 0 22 | 21 38 | 1 22 | 12 37 | 9 33 | 19 55 | 20 12 | 11 34 | 17 32 | 5 56 |
| W13 | 12 5 | 11 20 | 5 6 | 0 35 | 2 43 | 5 46 | 0 48 | 11 56 | 1 6 | 18 54 | 1 2 | 16 22 | 1 29 | 23 44 | 0 22 | 21 38 | 1 22 | 12 37 | 9 33 | 19 56 | 20 13 | 11 32 | 17 31 | 5 57 |
| T 14 | 11 45 | 14 58 | 4 43 | 1 2 | 2 52 | 6 16 | 0 53 | 11 42 | 1 5 | 18 56 | 1 2 | 16 23 | 1 29 | 23 44 | 0 22 | 21 38 | 1 22 | 12 37 | 9 33 | 19 56 | 20 14 | 11 30 | 17 31 | 5 57 |
| F 15 | 11 24 | 17 59 | 4 5 | 1 26 | 3 1 | 6 46 | 0 58 | 11 28 | 1 5 | 18 58 | 1 2 | 16 25 | 1 30 | 23 44 | 0 22 | 21 38 | 1 22 | 12 37 | 9 33 | 19 56 | 20 14 | 11 28 | 17 30 | 5 58 |
| S 16 | 11 3 | 20 8 | 3 13 | 1 49 | 3 10 | 7 16 | 1 3 | 11 14 | 1 5 | 19 0 | 1 2 | 16 26 | 1 30 | 23 44 | 0 22 | 21 38 | 1 22 | 12 36 | 9 34 | 19 56 | 20 15 | 11 26 | 17 29 | 5 58 |
| S 17 | 10 43 | 21 11 | 2 8 | 2 10 | 3 19 | 7 46 | 1 8 | 11 0 | 1 5 | 19 1 | 1 2 | 16 28 | 1 30 | 23 44 | 0 22 | 21 38 | 1 22 | 12 36 | 9 34 | 19 55 | 20 16 | 11 25 | 17 29 | 5 59 |
| M18 | 10 22 | 20 54 | 0 54 | 2 29 | 3 27 | 8 16 | 1 13 | 10 46 | 1 5 | 19 3 | 1 2 | 16 29 | 1 30 | 23 44 | 0 22 | 21 38 | 1 22 | 12 36 | 9 34 | 19 55 | 20 16 | 11 23 | 17 28 | 5 59 |
| T 19 | 10 1 | 19 13 | 0s26 | 2 45 | 3 35 | 8 45 | 1 18 | 10 31 | 1 4 | 19 5 | 1 2 | 16 31 | 1 30 | 23 44 | 0 22 | 21 38 | 1 22 | 12 36 | 9 34 | 19 55 | 20 17 | 11 21 | 17 27 | 6 0 |
| W20 | 9 39 | 16 9 | 1 46 | 2 59 | 3 42 | 9 15 | 1 23 | 10 17 | 1 4 | 19 7 | 1 2 | 16 32 | 1 30 | 23 44 | 0 22 | 21 38 | 1 22 | 12 36 | 9 34 | 19 55 | 20 18 | 11 19 | 17 27 | 6 0 |
| T 21 | 9 18 | 11 57 | 3 0 | 3 11 | 3 48 | 9 44 | 1 28 | 10 2 | 1 4 | 19 8 | 1 2 | 16 33 | 1 30 | 23 44 | 0 22 | 21 38 | 1 22 | 12 36 | 9 34 | 19 56 | 20 18 | 11 17 | 17 26 | 6 1 |
| F 22 | 8 56 | 6 59 | 4 0 | 3 19 | 3 54 | 10 13 | 1 33 | 9 48 | 1 4 | 19 10 | 1 2 | 16 35 | 1 30 | 23 44 | 0 22 | 21 38 | 1 22 | 12 36 | 9 35 | 19 57 | 20 19 | 11 15 | 17 25 | 6 1 |
| S 23 | 8 34 | 1 37 | 4 44 | 3 25 | 3 59 | 10 41 | 1 38 | 9 33 | 1 4 | 19 11 | 1 2 | 16 36 | 1 30 | 23 44 | 0 22 | 21 38 | 1 22 | 12 36 | 9 35 | 19 58 | 20 20 | 11 13 | 17 25 | 6 2 |
| S 24 | 8 13 | 3n44 | 5 7 | 3 27 | 4 4 | 11 10 | 1 43 | 9 19 | 1 3 | 19 13 | 1 2 | 16 37 | 1 30 | 23 44 | 0 22 | 21 39 | 1 22 | 12 35 | 9 35 | 19 59 | 20 20 | 11 11 | 17 24 | 6 2 |
| M25 | 7 51 | 8 44 | 5 10 | 3 25 | 4 7 | 11 38 | 1 48 | 9 4 | 1 3 | 19 14 | 1 2 | 16 39 | 1 30 | 23 44 | 0 22 | 21 39 | 1 22 | 12 35 | 9 35 | 20 0 | 20 21 | 11 9 | 17 23 | 6 3 |
| T 26 | 7 28 | 13 6 | 4 54 | 3 20 | 4 9 | 12 6 | 1 53 | 8 49 | 1 3 | 19 16 | 1 2 | 16 40 | 1 30 | 23 44 | 0 22 | 21 39 | 1 22 | 12 35 | 9 35 | 20 1 | 20 22 | 11 7 | 17 23 | 6 3 |
| W27 | 7 6 | 16 39 | 4 22 | 3 11 | 4 9 | 12 34 | 1 58 | 8 34 | 1 3 | 19 17 | 1 2 | 16 41 | 1 30 | 23 44 | 0 22 | 21 39 | 1 22 | 12 35 | 9 35 | 20 2 | 20 22 | 11 5 | 17 22 | 6 4 |
| T 28 | 6 44 | 19 14 | 3 37 | 2 58 | 4 8 | 13 2 | 2 3 | 8 20 | 1 3 | 19 19 | 1 2 | 16 42 | 1 30 | 23 44 | 0 22 | 21 39 | 1 22 | 12 35 | 9 36 | 20 2 | 20 23 | 11 4 | 17 21 | 6 4 |
| F 29 | 6 21 | 20 48 | 2 43 | 2 41 | 4 6 | 13 29 | 2 9 | 8 5 | 1 2 | 19 20 | 1 2 | 16 43 | 1 30 | 23 44 | 0 22 | 21 39 | 1 22 | 12 35 | 9 36 | 20 1 | 20 24 | 11 2 | 17 21 | 6 5 |
| S 30 | 5 59 | 21 18 | 1 43 | 2 19 | 4 2 | 13 56 | 2 14 | 7 50 | 1 2 | 19 21 | 1 2 | 16 45 | 1 30 | 23 44 | 0 22 | 21 39 | 1 22 | 12 34 | 9 36 | 20 1 | 20 24 | 11 0 | 17 20 | 6 6 |
| S 31 | 5n36 | 20n47 | 0s39 | 1s54 | 3s55 | 14s23 | 2s19 | 7n35 | 1n 2 | 19s22 | 1s 2 | 16s46 | 1s30 | 23s44 | 0s22 | 21n39 | 1s22 | 12n34 | 9s36 | 20n 1 | 20n25 | 10n58 | 17n19 | 6s 6 |

Julian Day Number = 2234081.5, Delta T = 07m46s
Ecliptic obliquity = 23°30'55, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°26'04, Lahiri = 15°33'04 Julian Calendar 1 Aug. 1404 == Greg. Calendar 10 Aug. 1404

# ASTRODIENST EPHEMERIS for the year 1404
# geocentric

## SEPTEMBER 1404 JC

**00:00 UT**

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 23 14 49 | 16♍49'46 | 5♌44 | 24°R49 | 3♏ 4 | 13♍50 | 7°R46 | 18°R24 | 6°R16 | 18♊25 | 10°R24 | 0°R56 | 28♋59 | 10♍ 8 | 5♋ 0 | M 1 |
| T 2 | 23 18 45 | 17°48'25 | 17°36 | 23♍49 | 4° 6 | 14°29 | 7♒41 | 18♒21 | 6♉16 | 18°26 | 10♊24 | 0♌55 | 28°56 | 10°14 | 5° 3 | T 2 |
| W 3 | 23 22 42 | 18°47'06 | 29°24 | 22°47 | 5° 8 | 15° 8 | 7°37 | 18°17 | 6°16 | 18°26 | 10°24 | 0°51 | 28°53 | 10°21 | 5° 6 | W 3 |
| T 4 | 23 26 39 | 19°45'49 | 11♍13 | 21°42 | 6°10 | 15°46 | 7°33 | 18°14 | 6°16 | 18°26 | 10°24 | 0°45 | 28°49 | 10°28 | 5° 9 | T 4 |
| F 5 | 23 30 35 | 20°44'34 | 23° 3 | 20°37 | 7°11 | 16°25 | 7°29 | 18°10 | 6°15 | 18°27 | 10°24 | 0°37 | 28°46 | 10°34 | 5°12 | F 5 |
| S 6 | 23 34 32 | 21°43'21 | 4♎58 | 19°33 | 8°12 | 17° 4 | 7°26 | 18° 7 | 6°15 | 18°27 | 10°24 | 0°27 | 28°43 | 10°41 | 5°15 | S 6 |
| S 7 | 23 38 28 | 22°42'10 | 16°58 | 18°32 | 9°12 | 17°42 | 7°22 | 18° 3 | 6°D15 | 18°27 | 10°24 | 0°17 | 28°40 | 10°48 | 5°18 | S 7 |
| M 8 | 23 42 25 | 23°41'01 | 29° 5 | 17°35 | 10°13 | 18°21 | 7°19 | 18° 0 | 6°15 | 18°27 | 10°24 | 0° 7 | 28°37 | 10°54 | 5°20 | M 8 |
| T 9 | 23 46 21 | 24°39'54 | 11♏20 | 16°44 | 11°13 | 19° 0 | 7°16 | 17°57 | 6°16 | 18°27 | 10°23 | 29♋59 | 28°34 | 11° 1 | 5°23 | T 9 |
| W10 | 23 50 18 | 25°38'49 | 23°46 | 16° 1 | 12°12 | 19°39 | 7°13 | 17°54 | 6°16 | 18°27 | 10°23 | 29°52 | 28°30 | 11° 8 | 5°25 | W10 |
| T 11 | 23 54 14 | 26°37'45 | 6♐26 | 15°26 | 13°12 | 20°17 | 7°10 | 17°51 | 6°16 | 18°28 | 10°23 | 29°47 | 28°27 | 11°14 | 5°27 | T 11 |
| F 12 | 23 58 11 | 27°36'44 | 19°23 | 15° 0 | 14°10 | 20°56 | 7° 8 | 17°48 | 6°16 | 18°28 | 10°23 | 29°45 | 28°24 | 11°21 | 5°30 | F 12 |
| S 13 | 0 2 7 | 28°35'44 | 2♑39 | 14°44 | 15° 9 | 21°35 | 7° 5 | 17°45 | 6°16 | 18°R28 | 10°23 | 29°D45 | 28°21 | 11°28 | 5°32 | S 13 |
| S 14 | 0 6 4 | 29°34'46 | 16°17 | 14°D38 | 16° 7 | 22°14 | 7° 3 | 17°42 | 6°17 | 18°28 | 10°22 | 29°46 | 28°18 | 11°34 | 5°34 | S 14 |
| M15 | 0 10 1 | 0♎33'49 | 0♒20 | 14°43 | 17° 4 | 22°52 | 7° 1 | 17°39 | 6°17 | 18°28 | 10°22 | 29°R46 | 28°14 | 11°41 | 5°36 | M15 |
| T 16 | 0 13 57 | 1°32'55 | 14°47 | 14°58 | 18° 2 | 23°31 | 7° 0 | 17°37 | 6°18 | 18°27 | 10°22 | 29°45 | 28°11 | 11°48 | 5°38 | T 16 |
| W17 | 0 17 54 | 2°32'02 | 29°37 | 15°24 | 18°58 | 24°10 | 6°58 | 17°34 | 6°18 | 18°27 | 10°21 | 29°42 | 28° 8 | 11°54 | 5°40 | W17 |
| T 18 | 0 21 50 | 3°31'11 | 14♓42 | 15°58 | 19°55 | 24°49 | 6°57 | 17°32 | 6°19 | 18°27 | 10°21 | 29°37 | 28° 5 | 12° 1 | 5°42 | T 18 |
| F 19 | 0 25 47 | 4°30'22 | 29°55 | 16°42 | 20°50 | 25°28 | 6°56 | 17°30 | 6°19 | 18°27 | 10°21 | 29°29 | 28° 2 | 12° 8 | 5°44 | F 19 |
| S 20 | 0 29 43 | 5°29'35 | 15♈ 5 | 17°34 | 21°45 | 26° 7 | 6°55 | 17°27 | 6°20 | 18°27 | 10°20 | 29°19 | 27°59 | 12°15 | 5°45 | S 20 |
| S 21 | 0 33 40 | 6°28'50 | 0♉ 1 | 18°34 | 22°40 | 26°46 | 6°54 | 17°25 | 6°21 | 18°26 | 10°20 | 29° 9 | 27°55 | 12°21 | 5°47 | S 21 |
| M22 | 0 37 36 | 7°28'07 | 14°36 | 19°40 | 23°34 | 27°25 | 6°53 | 17°23 | 6°21 | 18°26 | 10°19 | 28°59 | 27°52 | 12°28 | 5°48 | M22 |
| T 23 | 0 41 33 | 8°27'27 | 28°43 | 20°53 | 24°28 | 28° 4 | 6°53 | 17°21 | 6°22 | 18°26 | 10°19 | 28°52 | 27°49 | 12°35 | 5°50 | T 23 |
| W24 | 0 45 30 | 9°26'49 | 12♊19 | 22°11 | 25°21 | 28°43 | 6°D53 | 17°19 | 6°23 | 18°25 | 10°19 | 28°46 | 27°46 | 12°41 | 5°51 | W24 |
| T 25 | 0 49 26 | 10°26'13 | 25°27 | 23°33 | 26°13 | 29°22 | 6°53 | 17°17 | 6°24 | 18°25 | 10°18 | 28°43 | 27°43 | 12°48 | 5°52 | T 25 |
| F 26 | 0 53 23 | 11°25'40 | 8♋ 9 | 24°59 | 27° 5 | 0♎ 1 | 6°53 | 17°15 | 6°25 | 18°25 | 10°18 | 28°D42 | 27°40 | 12°55 | 5°53 | F 26 |
| S 27 | 0 57 19 | 12°25'09 | 20°30 | 26°29 | 27°56 | 0°40 | 6°54 | 17°14 | 6°26 | 18°24 | 10°17 | 28°43 | 27°36 | 13° 1 | 5°54 | S 27 |
| S 28 | 1 1 16 | 13°24'40 | 2♌35 | 28° 2 | 28°46 | 1°19 | 6°54 | 17°12 | 6°27 | 18°24 | 10°17 | 28°R43 | 27°33 | 13° 8 | 5°55 | S 28 |
| M29 | 1 5 12 | 14°24'14 | 14°30 | 29°37 | 29°36 | 1°58 | 6°55 | 17°11 | 6°28 | 18°23 | 10°16 | 28°42 | 27°30 | 13°15 | 5°56 | M29 |
| T 30 | 1 9 9 | 15♎23'49 | 26♌18 | 1♎13 | 0♐25 | 2♎38 | 6♒56 | 17♒10 | 6♉29 | 18♊23 | 10♊15 | 28♋38 | 27♋27 | 13♍21 | 5♋57 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 5n13 | 19n19 | 0n26 | 1s25 | 3s47 | 14s50 | 2s24 | 7n19 | 1n 2 | 19s23 | 1s 2 | 16s47 | 1s30 | 23s44 | 0s22 | 21n39 | 1s22 | 12n34 | 9s36 | 20n 1 | 20n26 | 10n56 | 17n19 | 6s 7 |
| T 2 | 4 50 | 17 1 | 1 29 | 0 52 | 3 37 | 15 16 | 2 29 | 7 4 | 1 1 | 19 24 | 1 2 | 16 48 | 1 30 | 23 44 | 0 22 | 21 39 | 1 22 | 12 34 | 9 36 | 20 1 | 20 26 | 10 54 | 17 18 | 6 7 |
| W 3 | 4 27 | 14 1 | 2 28 | 0 16 | 3 25 | 15 42 | 2 34 | 6 49 | 1 1 | 19 26 | 1 2 | 16 49 | 1 30 | 23 44 | 0 22 | 21 39 | 1 22 | 12 34 | 9 37 | 20 2 | 20 27 | 10 52 | 17 17 | 6 8 |
| T 4 | 4 4 | 10 27 | 3 20 | 0n22 | 3 12 | 16 7 | 2 40 | 6 34 | 1 1 | 19 26 | 1 2 | 16 50 | 1 30 | 23 44 | 0 22 | 21 39 | 1 22 | 12 34 | 9 37 | 20 3 | 20 28 | 10 50 | 17 17 | 6 9 |
| F 5 | 3 41 | 6 29 | 4 3 | 1 2 | 2 56 | 16 33 | 2 45 | 6 19 | 1 1 | 19 27 | 1 2 | 16 51 | 1 30 | 23 44 | 0 22 | 21 39 | 1 22 | 12 33 | 9 37 | 20 5 | 20 28 | 10 48 | 17 16 | 6 9 |
| S 6 | 3 18 | 2 15 | 4 36 | 1 43 | 2 39 | 16 58 | 2 50 | 6 3 | 1 1 | 19 28 | 1 2 | 16 52 | 1 30 | 23 44 | 0 22 | 21 39 | 1 22 | 12 33 | 9 37 | 20 7 | 20 29 | 10 46 | 17 15 | 6 10 |
| S 7 | 2 54 | 2s 6 | 4 57 | 2 23 | 2 21 | 17 22 | 2 55 | 5 48 | 1 0 | 19 29 | 1 2 | 16 53 | 1 30 | 23 44 | 0 22 | 21 38 | 1 23 | 12 33 | 9 37 | 20 9 | 20 30 | 10 44 | 17 15 | 6 10 |
| M 8 | 2 31 | 6 25 | 5 5 | 3 3 | 2 2 | 17 46 | 3 0 | 5 32 | 1 0 | 19 30 | 1 2 | 16 54 | 1 30 | 23 44 | 0 22 | 21 38 | 1 23 | 12 33 | 9 37 | 20 11 | 20 30 | 10 42 | 17 14 | 6 11 |
| T 9 | 2 8 | 10 32 | 5 0 | 3 41 | 1 42 | 18 10 | 3 5 | 5 17 | 1 0 | 19 31 | 1 2 | 16 55 | 1 30 | 23 44 | 0 22 | 21 38 | 1 23 | 12 33 | 9 38 | 20 13 | 20 31 | 10 40 | 17 13 | 6 12 |
| W10 | 1 44 | 14 15 | 4 40 | 4 17 | 1 22 | 18 34 | 3 10 | 5 2 | 1 0 | 19 31 | 1 2 | 16 56 | 1 30 | 23 44 | 0 22 | 21 38 | 1 23 | 12 33 | 9 38 | 20 15 | 20 32 | 10 38 | 17 12 | 6 12 |
| T 11 | 1 21 | 17 25 | 4 6 | 4 49 | 1 1 | 18 57 | 3 15 | 4 46 | 0 59 | 19 32 | 1 2 | 16 57 | 1 30 | 23 44 | 0 22 | 21 38 | 1 23 | 12 32 | 9 38 | 20 16 | 20 32 | 10 36 | 17 12 | 6 13 |
| F 12 | 0 57 | 19 47 | 3 19 | 5 17 | 0 42 | 19 19 | 3 20 | 4 31 | 0 59 | 19 33 | 1 2 | 16 58 | 1 30 | 23 44 | 0 22 | 21 38 | 1 23 | 12 32 | 9 38 | 20 16 | 20 33 | 10 34 | 17 11 | 6 13 |
| S 13 | 0 34 | 21 10 | 2 20 | 5 41 | 0 22 | 19 42 | 3 25 | 4 15 | 0 59 | 19 33 | 1 2 | 16 59 | 1 30 | 23 44 | 0 22 | 21 38 | 1 23 | 12 32 | 9 38 | 20 16 | 20 33 | 10 32 | 17 10 | 6 14 |
| S 14 | 0 10 | 21 20 | 1 11 | 6 0 | 0 4 | 20 4 | 3 30 | 3 59 | 0 59 | 19 34 | 1 2 | 17 0 | 1 30 | 23 44 | 0 22 | 21 38 | 1 23 | 12 32 | 9 38 | 20 16 | 20 34 | 10 30 | 17 10 | 6 15 |
| M15 | 0s13 | 20 12 | 0s 3 | 6 14 | 0n13 | 20 25 | 3 35 | 3 44 | 0 58 | 19 34 | 1 1 | 17 1 | 1 30 | 23 44 | 0 22 | 21 38 | 1 23 | 12 32 | 9 39 | 20 16 | 20 35 | 10 29 | 17 9 | 6 15 |
| T 16 | 0 37 | 17 43 | 1 19 | 6 23 | 0 29 | 20 46 | 3 39 | 3 28 | 0 58 | 19 34 | 1 1 | 17 1 | 1 30 | 23 44 | 0 22 | 21 38 | 1 23 | 12 31 | 9 39 | 20 16 | 20 35 | 10 27 | 17 8 | 6 16 |
| W17 | 1 1 | 14 1 | 2 32 | 6 27 | 0 44 | 21 6 | 3 44 | 3 12 | 0 58 | 19 35 | 1 1 | 17 2 | 1 29 | 23 44 | 0 22 | 21 38 | 1 23 | 12 31 | 9 39 | 20 17 | 20 36 | 10 25 | 17 7 | 6 17 |
| T 18 | 1 24 | 9 21 | 3 35 | 6 26 | 0 58 | 21 27 | 3 49 | 2 57 | 0 57 | 19 35 | 1 1 | 17 3 | 1 29 | 23 44 | 0 22 | 21 38 | 1 23 | 12 31 | 9 39 | 20 18 | 20 37 | 10 23 | 17 7 | 6 17 |
| F 19 | 1 48 | 4 4 | 4 24 | 6 20 | 1 10 | 21 46 | 3 53 | 2 41 | 0 57 | 19 35 | 1 1 | 17 4 | 1 29 | 23 44 | 0 22 | 21 38 | 1 23 | 12 31 | 9 39 | 20 20 | 20 37 | 10 21 | 17 6 | 6 18 |
| S 20 | 2 11 | 1n27 | 4 54 | 6 10 | 1 20 | 22 5 | 3 58 | 2 25 | 0 57 | 19 35 | 1 1 | 17 4 | 1 29 | 23 44 | 0 22 | 21 38 | 1 23 | 12 31 | 9 39 | 20 22 | 20 38 | 10 19 | 17 5 | 6 18 |
| S 21 | 2 35 | 6 47 | 5 3 | 5 55 | 1 30 | 22 24 | 4 2 | 2 9 | 0 57 | 19 35 | 1 1 | 17 5 | 1 29 | 23 44 | 0 22 | 21 38 | 1 23 | 12 30 | 9 40 | 20 24 | 20 39 | 10 17 | 17 5 | 6 19 |
| M22 | 2 58 | 11 37 | 4 52 | 5 36 | 1 37 | 22 42 | 4 7 | 1 53 | 0 56 | 19 36 | 1 1 | 17 5 | 1 29 | 23 44 | 0 22 | 21 38 | 1 23 | 12 30 | 9 40 | 20 26 | 20 39 | 10 15 | 17 4 | 6 20 |
| T 23 | 3 22 | 15 39 | 4 23 | 5 13 | 1 44 | 23 0 | 4 11 | 1 38 | 0 56 | 19 36 | 1 1 | 17 6 | 1 29 | 23 44 | 0 22 | 21 38 | 1 23 | 12 30 | 9 40 | 20 27 | 20 40 | 10 13 | 17 3 | 6 20 |
| W24 | 3 45 | 18 42 | 3 40 | 4 47 | 1 49 | 23 17 | 4 15 | 1 22 | 0 56 | 19 35 | 1 1 | 17 6 | 1 29 | 23 44 | 0 22 | 21 38 | 1 23 | 12 30 | 9 40 | 20 28 | 20 40 | 10 11 | 17 2 | 6 21 |
| T 25 | 4 9 | 20 39 | 2 47 | 4 18 | 1 53 | 23 34 | 4 19 | 1 6 | 0 55 | 19 35 | 1 1 | 17 7 | 1 29 | 23 43 | 0 22 | 21 38 | 1 23 | 12 30 | 9 40 | 20 29 | 20 41 | 10 9 | 17 2 | 6 22 |
| F 26 | 4 32 | 21 29 | 1 47 | 3 47 | 1 56 | 23 50 | 4 23 | 0 50 | 0 55 | 19 35 | 1 1 | 17 7 | 1 29 | 23 43 | 0 22 | 21 38 | 1 23 | 12 29 | 9 40 | 20 29 | 20 42 | 10 7 | 17 1 | 6 22 |
| S 27 | 4 55 | 21 14 | 0 44 | 3 13 | 1 58 | 24 6 | 4 27 | 0 34 | 0 55 | 19 35 | 1 0 | 17 8 | 1 29 | 23 43 | 0 22 | 21 37 | 1 23 | 12 29 | 9 40 | 20 29 | 20 42 | 10 5 | 17 0 | 6 23 |
| S 28 | 5 19 | 19 59 | 0n21 | 2 37 | 2 0 | 24 21 | 4 31 | 0 18 | 0 54 | 19 35 | 1 0 | 17 8 | 1 29 | 23 43 | 0 22 | 21 37 | 1 23 | 12 29 | 9 41 | 20 29 | 20 43 | 10 3 | 17 0 | 6 24 |
| M29 | 5 42 | 17 51 | 1 23 | 1 59 | 2 0 | 24 36 | 4 35 | 0 2 | 0 54 | 19 34 | 1 0 | 17 9 | 1 29 | 23 43 | 0 22 | 21 37 | 1 23 | 12 29 | 9 41 | 20 29 | 20 44 | 10 1 | 16 59 | 6 24 |
| T 30 | 6s 5 | 15n 0 | 2n21 | 1n20 | 1n59 | 24s50 | 4s38 | 0s13 | 0n54 | 19s34 | 1s 0 | 17s 9 | 1s29 | 23s43 | 0s22 | 21n37 | 1s23 | 12n29 | 9s41 | 20n30 | 20n44 | 9n59 | 16n58 | 6s25 |

Julian Day Number = 2234112.5, Delta T = 07m46s
Ecliptic obliquity = 23°30'56, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°26'08, Lahiri = 15°33'08 Julian Calendar 1 Sept. 1404 == Greg. Calendar 10 Sept. 1404

# ASTRODIENST EPHEMERIS for the year 1404
# geocentric

## OCTOBER 1404 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 1 13 5 | 16♎23'27 | 8♍ 6 | 2♎52 | 1♐13 | 3♎17 | 6♒57 | 17°R 8 | 6♑31 | 18°R22 | 10°R15 | 28°R32 | 27♋24 | 13♍28 | 5♋57 | W 1 |
| T 2 | 1 17 2 | 17°23'08 | 19°56 | 4°31 | 2° 0 | 3°56 | 6°59 | 17♒ 7 | 6°32 | 18♊21 | 10♊14 | 28♋24 | 27°20 | 13°35 | 5°58 | T 2 |
| F 3 | 1 20 59 | 18°22'50 | 1♎52 | 6°11 | 2°47 | 4°35 | 7° 1 | 17° 6 | 6°33 | 18°21 | 10°13 | 28°12 | 27°17 | 13°41 | 5°58 | F 3 |
| S 4 | 1 24 55 | 19°22'34 | 13°54 | 7°52 | 3°32 | 5°14 | 7° 2 | 17° 5 | 6°34 | 18°20 | 10°13 | 27°59 | 27°14 | 13°48 | 5°59 | S 4 |
| S 5 | 1 28 52 | 20°22'21 | 26° 4 | 9°33 | 4°17 | 5°54 | 7° 4 | 17° 4 | 6°36 | 18°19 | 10°12 | 27°44 | 27°11 | 13°55 | 5°59 | S 5 |
| M 6 | 1 32 48 | 21°22'09 | 8♏24 | 11°15 | 5° 1 | 6°33 | 7° 7 | 17° 4 | 6°37 | 18°19 | 10°11 | 27°30 | 27° 8 | 14° 1 | 5°59 | M 6 |
| T 7 | 1 36 45 | 22°22'00 | 20°53 | 12°56 | 5°44 | 7°12 | 7° 9 | 17° 3 | 6°39 | 18°18 | 10°11 | 27°18 | 27° 5 | 14° 8 | 5°59 | T 7 |
| W 8 | 1 40 41 | 23°21'52 | 3♐32 | 14°38 | 6°25 | 7°52 | 7°12 | 17° 2 | 6°40 | 18°17 | 10°10 | 27° 8 | 27° 1 | 14°15 | 5°R59 | W 8 |
| T 9 | 1 44 38 | 24°21'46 | 16°22 | 16°19 | 7° 6 | 8°31 | 7°15 | 17° 2 | 6°42 | 18°16 | 10° 9 | 27° 1 | 26°58 | 14°22 | 5°59 | T 9 |
| F 10 | 1 48 34 | 25°21'42 | 29°24 | 18° 0 | 7°46 | 9°10 | 7°18 | 17° 2 | 6°44 | 18°15 | 10° 8 | 26°57 | 26°55 | 14°28 | 5°59 | F 10 |
| S 11 | 1 52 31 | 26°21'40 | 12♑42 | 19°41 | 8°24 | 9°50 | 7°21 | 17° 1 | 6°45 | 18°14 | 10° 8 | 26°55 | 26°52 | 14°35 | 5°59 | S 11 |
| S 12 | 1 56 27 | 27°21'39 | 26°15 | 21°22 | 9° 1 | 10°29 | 7°24 | 17° 1 | 6°47 | 18°14 | 10° 7 | 26°55 | 26°49 | 14°42 | 5°59 | S 12 |
| M13 | 2 0 24 | 28°21'40 | 10♒ 7 | 23° 2 | 9°37 | 11° 9 | 7°28 | 17°D 1 | 6°49 | 18°13 | 10° 6 | 26°55 | 26°46 | 14°48 | 5°58 | M13 |
| T 14 | 2 4 21 | 29°21'42 | 24°18 | 24°42 | 10°12 | 11°48 | 7°32 | 17° 1 | 6°51 | 18°12 | 10° 5 | 26°53 | 26°42 | 14°55 | 5°58 | T 14 |
| W15 | 2 8 17 | 0♏21'46 | 8♓48 | 26°21 | 10°45 | 12°28 | 7°36 | 17° 1 | 6°53 | 18°11 | 10° 4 | 26°49 | 26°39 | 15° 2 | 5°57 | W15 |
| T 16 | 2 12 14 | 1°21'52 | 23°32 | 28° 0 | 11°17 | 13° 7 | 7°40 | 17° 2 | 6°54 | 18°10 | 10° 4 | 26°43 | 26°36 | 15° 8 | 5°56 | T 16 |
| F 17 | 2 16 10 | 2°21'59 | 8♈26 | 29°39 | 11°47 | 13°47 | 7°44 | 17° 2 | 6°56 | 18° 9 | 10° 3 | 26°34 | 26°33 | 15°15 | 5°56 | F 17 |
| S 18 | 2 20 7 | 3°22'08 | 23°20 | 1♏17 | 12°16 | 14°26 | 7°49 | 17° 3 | 6°58 | 18° 7 | 10° 2 | 26°23 | 26°30 | 15°22 | 5°55 | S 18 |
| S 19 | 2 24 3 | 4°22'19 | 8♉ 6 | 2°55 | 12°43 | 15° 6 | 7°53 | 17° 3 | 7° 0 | 18° 6 | 10° 1 | 26°11 | 26°26 | 15°28 | 5°54 | S 19 |
| M20 | 2 28 0 | 5°22'31 | 22°36 | 4°32 | 13° 8 | 15°46 | 7°58 | 17° 4 | 7° 3 | 18° 5 | 10° 0 | 25°59 | 26°23 | 15°35 | 5°53 | M20 |
| T 21 | 2 31 56 | 6°22'46 | 6♊42 | 6° 9 | 13°32 | 16°25 | 8° 3 | 17° 5 | 7° 5 | 18° 4 | 9°59 | 25°50 | 26°20 | 15°42 | 5°51 | T 21 |
| W22 | 2 35 53 | 7°23'02 | 20°21 | 7°46 | 13°54 | 17° 5 | 8° 9 | 17° 6 | 7° 7 | 18° 3 | 9°58 | 25°43 | 26°17 | 15°48 | 5°50 | W22 |
| T 23 | 2 39 50 | 8°23'21 | 3♋32 | 9°22 | 14°14 | 17°45 | 8°14 | 17° 7 | 7° 9 | 18° 2 | 9°57 | 25°39 | 26°14 | 15°55 | 5°49 | T 23 |
| F 24 | 2 43 46 | 9°23'41 | 16°18 | 10°58 | 14°32 | 18°24 | 8°20 | 17° 8 | 7°11 | 18° 0 | 9°56 | 25°37 | 26°11 | 16° 2 | 5°48 | F 24 |
| S 25 | 2 47 43 | 10°24'03 | 28°43 | 12°33 | 14°48 | 19° 4 | 8°25 | 17° 9 | 7°14 | 17°59 | 9°55 | 25°D37 | 26° 7 | 16° 9 | 5°46 | S 25 |
| S 26 | 2 51 39 | 11°24'28 | 10♌50 | 14° 9 | 15° 2 | 19°44 | 8°31 | 17°10 | 7°16 | 17°58 | 9°54 | 25°R37 | 26° 4 | 16°15 | 5°44 | S 26 |
| M27 | 2 55 36 | 12°24'54 | 22°46 | 15°44 | 15°14 | 20°24 | 8°37 | 17°12 | 7°18 | 17°57 | 9°53 | 25°36 | 26° 1 | 16°22 | 5°43 | M27 |
| T 28 | 2 59 32 | 13°25'22 | 4♍36 | 17°18 | 15°24 | 21° 4 | 8°44 | 17°13 | 7°21 | 17°55 | 9°52 | 25°34 | 25°58 | 16°29 | 5°41 | T 28 |
| W29 | 3 3 29 | 14°25'52 | 16°25 | 18°53 | 15°32 | 21°44 | 8°50 | 17°15 | 7°23 | 17°54 | 9°51 | 25°30 | 25°55 | 16°35 | 5°39 | W29 |
| T 30 | 3 7 25 | 15°26'23 | 28°17 | 20°27 | 15°37 | 22°23 | 8°57 | 17°17 | 7°26 | 17°53 | 9°50 | 25°22 | 25°51 | 16°42 | 5°37 | T 30 |
| F 31 | 3 11 22 | 16♏26'57 | 10♎18 | 22♏ 1 | 15♐40 | 23♎ 3 | 9♒ 4 | 17♒18 | 7♑28 | 17♊51 | 9♊49 | 25♋12 | 25♋48 | 16♍49 | 5♋35 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 6s28 | 11n32 | 3n12 | 0n39 | 1n58 | 25s 4 | 4s42 | 0s29 | 0n54 | 19s34 | 1s 0 | 17s 9 | 1s29 | 23s43 | 0s22 | 21n37 | 1s23 | 12n28 | 9s41 | 20n31 | 20n45 | 9n57 | 16n58 | 6s26 |
| T 2 | 6 51 | 7 37 | 3 56 | 0s 2 | 1 56 | 25 17 | 4 45 | 0 45 | 0 53 | 19 33 | 1 0 | 17 10 | 1 29 | 23 43 | 0 22 | 21 37 | 1 23 | 12 28 | 9 41 | 20 33 | 20 45 | 9 54 | 16 57 | 6 26 |
| F 3 | 7 14 | 3 22 | 4 29 | 0 44 | 1 53 | 25 29 | 4 48 | 1 1 | 0 53 | 19 33 | 1 0 | 17 10 | 1 29 | 23 43 | 0 22 | 21 37 | 1 24 | 12 28 | 9 41 | 20 35 | 20 46 | 9 52 | 16 56 | 6 27 |
| S 4 | 7 36 | 1s 2 | 4 51 | 1 27 | 1 50 | 25 41 | 4 51 | 1 17 | 0 53 | 19 32 | 1 0 | 17 10 | 1 29 | 23 43 | 0 22 | 21 37 | 1 24 | 12 28 | 9 41 | 20 38 | 20 47 | 9 50 | 16 56 | 6 28 |
| S 5 | 7 59 | 5 27 | 5 0 | 2 10 | 1 46 | 25 53 | 4 54 | 1 33 | 0 52 | 19 32 | 1 0 | 17 10 | 1 28 | 23 43 | 0 22 | 21 37 | 1 24 | 12 27 | 9 41 | 20 41 | 20 47 | 9 48 | 16 55 | 6 28 |
| M 6 | 8 22 | 9 42 | 4 54 | 2 54 | 1 42 | 26 4 | 4 57 | 1 49 | 0 52 | 19 31 | 1 0 | 17 11 | 1 28 | 23 43 | 0 22 | 21 37 | 1 24 | 12 27 | 9 42 | 20 44 | 20 48 | 9 46 | 16 54 | 6 29 |
| T 7 | 8 44 | 13 36 | 4 35 | 3 37 | 1 38 | 26 14 | 4 59 | 2 5 | 0 52 | 19 30 | 1 0 | 17 11 | 1 28 | 23 43 | 0 22 | 21 37 | 1 24 | 12 27 | 9 42 | 20 46 | 20 49 | 9 44 | 16 54 | 6 30 |
| W 8 | 9 6 | 16 58 | 4 2 | 4 21 | 1 33 | 26 24 | 5 1 | 2 21 | 0 51 | 19 29 | 0 59 | 17 11 | 1 28 | 23 42 | 0 22 | 21 36 | 1 24 | 12 27 | 9 42 | 20 48 | 20 49 | 9 42 | 16 53 | 6 30 |
| T 9 | 9 28 | 19 33 | 3 17 | 5 5 | 1 28 | 26 33 | 5 3 | 2 36 | 0 51 | 19 29 | 0 59 | 17 11 | 1 28 | 23 42 | 0 22 | 21 36 | 1 24 | 12 27 | 9 42 | 20 49 | 20 50 | 9 40 | 16 52 | 6 31 |
| F 10 | 9 50 | 21 11 | 2 20 | 5 49 | 1 22 | 26 42 | 5 5 | 2 52 | 0 51 | 19 28 | 0 59 | 17 11 | 1 28 | 23 42 | 0 22 | 21 36 | 1 24 | 12 26 | 9 42 | 20 50 | 20 50 | 9 38 | 16 52 | 6 32 |
| S 11 | 10 12 | 21 40 | 1 14 | 6 32 | 1 17 | 26 50 | 5 7 | 3 8 | 0 50 | 19 27 | 0 59 | 17 11 | 1 28 | 23 42 | 0 22 | 21 36 | 1 24 | 12 26 | 9 42 | 20 50 | 20 51 | 9 36 | 16 51 | 6 32 |
| S 12 | 10 34 | 20 55 | 0 3 | 7 16 | 1 11 | 26 57 | 5 8 | 3 24 | 0 50 | 19 26 | 0 59 | 17 11 | 1 28 | 23 42 | 0 22 | 21 36 | 1 24 | 12 26 | 9 42 | 20 50 | 20 52 | 9 34 | 16 50 | 6 33 |
| M13 | 10 56 | 18 53 | 1s 9 | 7 59 | 1 5 | 27 4 | 5 10 | 3 40 | 0 50 | 19 25 | 0 59 | 17 11 | 1 28 | 23 42 | 0 22 | 21 36 | 1 24 | 12 26 | 9 42 | 20 51 | 20 52 | 9 32 | 16 50 | 6 33 |
| T 14 | 11 17 | 15 39 | 2 19 | 8 41 | 0 59 | 27 10 | 5 11 | 3 56 | 0 49 | 19 24 | 0 59 | 17 11 | 1 28 | 23 42 | 0 22 | 21 36 | 1 24 | 12 26 | 9 42 | 20 51 | 20 53 | 9 30 | 16 49 | 6 34 |
| W15 | 11 38 | 11 25 | 3 22 | 9 23 | 0 52 | 27 16 | 5 11 | 4 11 | 0 49 | 19 23 | 0 59 | 17 11 | 1 28 | 23 42 | 0 22 | 21 36 | 1 24 | 12 25 | 9 43 | 20 52 | 20 54 | 9 28 | 16 48 | 6 35 |
| T 16 | 11 59 | 6 26 | 4 12 | 10 5 | 0 46 | 27 21 | 5 12 | 4 27 | 0 48 | 19 21 | 0 59 | 17 10 | 1 28 | 23 42 | 0 22 | 21 36 | 1 24 | 12 25 | 9 43 | 20 53 | 20 54 | 9 26 | 16 48 | 6 35 |
| F 17 | 12 20 | 1 1 | 4 46 | 10 46 | 0 39 | 27 25 | 5 12 | 4 43 | 0 48 | 19 20 | 0 59 | 17 10 | 1 28 | 23 42 | 0 22 | 21 35 | 1 24 | 12 25 | 9 43 | 20 55 | 20 55 | 9 24 | 16 47 | 6 36 |
| S 18 | 12 41 | 4n27 | 5 0 | 11 27 | 0 33 | 27 29 | 5 12 | 4 59 | 0 48 | 19 19 | 0 58 | 17 10 | 1 27 | 23 41 | 0 22 | 21 35 | 1 24 | 12 25 | 9 43 | 20 57 | 20 55 | 9 22 | 16 47 | 6 37 |
| S 19 | 13 1 | 9 37 | 4 54 | 12 7 | 0 26 | 27 32 | 5 11 | 5 14 | 0 47 | 19 18 | 0 58 | 17 10 | 1 27 | 23 41 | 0 22 | 21 35 | 1 24 | 12 24 | 9 43 | 20 59 | 20 56 | 9 20 | 16 46 | 6 37 |
| M20 | 13 21 | 14 8 | 4 29 | 12 46 | 0 20 | 27 35 | 5 11 | 5 30 | 0 47 | 19 16 | 0 58 | 17 9 | 1 27 | 23 41 | 0 22 | 21 35 | 1 24 | 12 24 | 9 43 | 21 1 | 20 57 | 9 17 | 16 46 | 6 38 |
| T 21 | 13 41 | 17 45 | 3 48 | 13 25 | 0 13 | 27 37 | 5 10 | 5 46 | 0 47 | 19 15 | 0 58 | 17 9 | 1 27 | 23 41 | 0 22 | 21 35 | 1 24 | 12 24 | 9 43 | 21 3 | 20 57 | 9 15 | 16 45 | 6 39 |
| W22 | 14 1 | 20 15 | 2 55 | 14 3 | 0 6 | 27 38 | 5 8 | 6 1 | 0 46 | 19 13 | 0 58 | 17 9 | 1 27 | 23 41 | 0 22 | 21 35 | 1 24 | 12 24 | 9 43 | 21 4 | 20 58 | 9 13 | 16 44 | 6 39 |
| T 23 | 14 21 | 21 34 | 1 54 | 14 40 | 0s 1 | 27 39 | 5 6 | 6 17 | 0 46 | 19 12 | 0 58 | 17 8 | 1 27 | 23 41 | 0 22 | 21 35 | 1 24 | 12 24 | 9 43 | 21 5 | 20 58 | 9 11 | 16 44 | 6 40 |
| F 24 | 14 40 | 21 42 | 0 49 | 15 17 | 0 7 | 27 39 | 5 4 | 6 32 | 0 45 | 19 10 | 0 58 | 17 8 | 1 27 | 23 41 | 0 22 | 21 35 | 1 24 | 12 23 | 9 43 | 21 5 | 20 59 | 9 9 | 16 43 | 6 40 |
| S 25 | 14 59 | 20 45 | 0n16 | 15 53 | 0 14 | 27 38 | 5 1 | 6 48 | 0 45 | 19 9 | 0 58 | 17 7 | 1 27 | 23 41 | 0 22 | 21 34 | 1 24 | 12 23 | 9 43 | 21 5 | 21 0 | 9 7 | 16 43 | 6 41 |
| S 26 | 15 18 | 18 51 | 1 20 | 16 28 | 0 20 | 27 37 | 4 58 | 7 3 | 0 45 | 19 7 | 0 58 | 17 7 | 1 27 | 23 40 | 0 22 | 21 34 | 1 24 | 12 23 | 9 43 | 21 5 | 21 0 | 9 5 | 16 42 | 6 42 |
| M27 | 15 37 | 16 9 | 2 19 | 17 2 | 0 27 | 27 35 | 4 55 | 7 19 | 0 44 | 19 5 | 0 58 | 17 6 | 1 27 | 23 40 | 0 22 | 21 34 | 1 24 | 12 23 | 9 43 | 21 5 | 21 1 | 9 3 | 16 42 | 6 42 |
| T 28 | 15 55 | 12 49 | 3 11 | 17 35 | 0 33 | 27 32 | 4 51 | 7 34 | 0 44 | 19 4 | 0 57 | 17 6 | 1 27 | 23 40 | 0 22 | 21 34 | 1 24 | 12 23 | 9 43 | 21 6 | 21 1 | 9 1 | 16 41 | 6 43 |
| W29 | 16 13 | 8 59 | 3 55 | 18 8 | 0 40 | 27 28 | 4 46 | 7 49 | 0 43 | 19 2 | 0 57 | 17 5 | 1 27 | 23 40 | 0 22 | 21 34 | 1 24 | 12 22 | 9 44 | 21 7 | 21 2 | 8 59 | 16 41 | 6 43 |
| T 30 | 16 31 | 4 48 | 4 29 | 18 40 | 0 46 | 27 24 | 4 41 | 8 5 | 0 43 | 19 0 | 0 57 | 17 5 | 1 26 | 23 40 | 0 22 | 21 34 | 1 24 | 12 22 | 9 44 | 21 8 | 21 3 | 8 57 | 16 40 | 6 44 |
| F 31 | 16s49 | 0n23 | 4n52 | 19s10 | 0s52 | 27s19 | 4s36 | 8s20 | 0n43 | 18s58 | 0s57 | 17s 4 | 1s26 | 23s40 | 0s22 | 21n34 | 1s24 | 12n22 | 9s44 | 21n10 | 21n 3 | 8n54 | 16n40 | 6s45 |

Julian Day Number = 2234142.5, Delta T = 07m45s
Ecliptic obliquity = 23°30'56, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°26'12, Lahiri = 15°33'12 Julian Calendar 1 Oct. 1404 == Greg. Calendar 10 Oct. 1404

# ASTRODIENST EPHEMERIS for the year 1404
# geocentric

## NOVEMBER 1404 JC

**00:00 UT**

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 3 15 19 | 17♏27'32 | 22♎28 | 23♏34 | 15°R41 | 23♎43 | 9♒10 | 17♒20 | 7♑31 | 17°R50 | 9°R48 | 25°R 1 | 25♋45 | 16♍55 | 5°R33 | S 1 |
| S 2 | 3 19 15 | 18°28'09 | 4♏50 | 25° 8 | 15♐39 | 24°23 | 9°18 | 17°22 | 7°33 | 17♊48 | 9♊47 | 24♋48 | 25°42 | 17° 2 | 5♋31 | S 2 |
| M 3 | 3 23 12 | 19°28'47 | 17°24 | 26°41 | 15°35 | 25° 3 | 9°25 | 17°24 | 7°36 | 17°47 | 9°46 | 24°35 | 25°39 | 17° 9 | 5°29 | M 3 |
| T 4 | 3 27 8 | 20°29'27 | 0♐11 | 28°14 | 15°29 | 25°43 | 9°32 | 17°27 | 7°39 | 17°45 | 9°45 | 24°24 | 25°36 | 17°15 | 5°26 | T 4 |
| W 5 | 3 31 5 | 21°30'09 | 13°10 | 29°47 | 15°19 | 26°23 | 9°40 | 17°29 | 7°41 | 17°44 | 9°44 | 24°15 | 25°32 | 17°22 | 5°24 | W 5 |
| T 6 | 3 35 1 | 22°30'52 | 26°21 | 1♐19 | 15° 8 | 27° 4 | 9°47 | 17°31 | 7°44 | 17°42 | 9°43 | 24° 9 | 25°29 | 17°29 | 5°22 | T 6 |
| F 7 | 3 38 58 | 23°31'36 | 9♑41 | 2°52 | 14°54 | 27°44 | 9°55 | 17°34 | 7°47 | 17°41 | 9°42 | 24° 6 | 25°26 | 17°36 | 5°19 | F 7 |
| S 8 | 3 42 54 | 24°32'21 | 23°12 | 4°24 | 14°38 | 28°24 | 10° 3 | 17°37 | 7°50 | 17°39 | 9°40 | 24°D 5 | 25°23 | 17°42 | 5°16 | S 8 |
| S 9 | 3 46 51 | 25°33'07 | 6♒53 | 5°57 | 14°19 | 29° 4 | 10°12 | 17°39 | 7°53 | 17°38 | 9°39 | 24° 5 | 25°20 | 17°49 | 5°14 | S 9 |
| M10 | 3 50 48 | 26°33'54 | 20°46 | 7°29 | 13°58 | 29°44 | 10°20 | 17°42 | 7°55 | 17°36 | 9°38 | 24°R 6 | 25°17 | 17°56 | 5°11 | M10 |
| T 11 | 3 54 44 | 27°34'42 | 4♓49 | 9° 0 | 13°35 | 0♏24 | 10°28 | 17°45 | 7°58 | 17°35 | 9°37 | 24° 6 | 25°13 | 18° 2 | 5° 8 | T 11 |
| W12 | 3 58 41 | 28°35'31 | 19° 2 | 10°32 | 13° 9 | 1° 5 | 10°37 | 17°48 | 8° 1 | 17°33 | 9°36 | 24° 4 | 25°10 | 18° 9 | 5° 5 | W12 |
| T 13 | 4 2 37 | 29°36'21 | 3♈24 | 12° 4 | 12°42 | 1°45 | 10°46 | 17°51 | 8° 4 | 17°32 | 9°35 | 24° 0 | 25° 7 | 18°16 | 5° 2 | T 13 |
| F 14 | 4 6 34 | 0♐37'12 | 17°51 | 13°35 | 12°13 | 2°25 | 10°54 | 17°54 | 8° 7 | 17°30 | 9°34 | 23°54 | 25° 4 | 18°22 | 4°59 | F 14 |
| S 15 | 4 10 30 | 1°38'04 | 2♉18 | 15° 6 | 11°42 | 3° 5 | 11° 4 | 17°58 | 8°10 | 17°28 | 9°32 | 23°45 | 25° 1 | 18°29 | 4°56 | S 15 |
| S 16 | 4 14 27 | 2°38'56 | 16°38 | 16°37 | 11° 9 | 3°46 | 11°13 | 18° 1 | 8°13 | 17°27 | 9°31 | 23°37 | 24°57 | 18°36 | 4°53 | S 16 |
| M17 | 4 18 23 | 3°39'50 | 0♊47 | 18° 7 | 10°36 | 4°26 | 11°22 | 18° 4 | 8°16 | 17°25 | 9°30 | 23°28 | 24°54 | 18°43 | 4°50 | M17 |
| T 18 | 4 22 20 | 4°40'45 | 14°39 | 19°37 | 10° 1 | 5° 6 | 11°31 | 18° 8 | 8°19 | 17°23 | 9°29 | 23°21 | 24°51 | 18°49 | 4°46 | T 18 |
| W19 | 4 26 17 | 5°41'41 | 28° 9 | 21° 7 | 9°25 | 5°47 | 11°41 | 18°12 | 8°23 | 17°22 | 9°28 | 23°16 | 24°48 | 18°56 | 4°43 | W19 |
| T 20 | 4 30 13 | 6°42'38 | 11♋17 | 22°36 | 8°49 | 6°27 | 11°50 | 18°15 | 8°26 | 17°20 | 9°27 | 23°13 | 24°45 | 19° 3 | 4°40 | T 20 |
| F 21 | 4 34 10 | 7°43'36 | 24° 3 | 24° 5 | 8°13 | 7° 8 | 12° 0 | 18°19 | 8°29 | 17°18 | 9°26 | 23°D13 | 24°42 | 19° 9 | 4°36 | F 21 |
| S 22 | 4 38 6 | 8°44'36 | 6♌29 | 25°33 | 7°36 | 7°48 | 12°10 | 18°23 | 8°32 | 17°17 | 9°24 | 23°13 | 24°38 | 19°16 | 4°33 | S 22 |
| S 23 | 4 42 3 | 9°45'36 | 18°39 | 27° 0 | 7° 0 | 8°29 | 12°20 | 18°27 | 8°35 | 17°15 | 9°23 | 23°15 | 24°35 | 19°23 | 4°29 | S 23 |
| M24 | 4 45 59 | 10°46'37 | 0♍37 | 28°26 | 6°24 | 9° 9 | 12°30 | 18°31 | 8°39 | 17°13 | 9°22 | 23°16 | 24°32 | 19°29 | 4°26 | M24 |
| T 25 | 4 49 56 | 11°47'40 | 12°29 | 29°52 | 5°49 | 9°50 | 12°41 | 18°35 | 8°42 | 17°12 | 9°21 | 23°R17 | 24°29 | 19°36 | 4°22 | T 25 |
| W26 | 4 53 52 | 12°48'43 | 24°20 | 1♑15 | 5°15 | 10°31 | 12°51 | 18°39 | 8°45 | 17°10 | 9°20 | 23°16 | 24°26 | 19°43 | 4°18 | W26 |
| T 27 | 4 57 49 | 13°49'48 | 6♎14 | 2°38 | 4°42 | 11°11 | 13° 1 | 18°44 | 8°48 | 17° 8 | 9°19 | 23°13 | 24°23 | 19°49 | 4°14 | T 27 |
| F 28 | 5 1 46 | 14°50'53 | 18°16 | 3°58 | 4°10 | 11°52 | 13°12 | 18°48 | 8°52 | 17° 7 | 9°17 | 23° 9 | 24°19 | 19°56 | 4°11 | F 28 |
| S 29 | 5 5 42 | 15°52'00 | 0♏31 | 5°17 | 3°40 | 12°33 | 13°23 | 18°53 | 8°55 | 17° 5 | 9°16 | 23° 3 | 24°16 | 20° 3 | 4° 7 | S 29 |
| S 30 | 5 9 39 | 16♐53'07 | 13♏ 1 | 6♑32 | 3♐11 | 13♏13 | 13♒34 | 18♒57 | 8♑58 | 17♊ 3 | 9♊15 | 22♋57 | 24♋13 | 20♍10 | 4♋ 3 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 17s 6 | 4s 6 | 5n 2 | 19s40 | 0s59 | 27s13 | 4s30 | 8s35 | 0n42 | 18s56 | 0s57 | 17s 3 | 1s26 | 23s40 | 0s22 | 21n33 | 1s24 | 12n22 | 9s44 | 21n12 | 21n 4 | 8n52 | 16n39 | 6s45 |
| S 2 | 17 23 | 8 30 | 4 58 | 20 9 | 1 5 | 27 6 | 4 23 | 8 50 | 0 42 | 18 54 | 0 57 | 17 3 | 1 26 | 23 39 | 0 22 | 21 33 | 1 24 | 12 22 | 9 44 | 21 14 | 21 4 | 8 50 | 16 39 | 6 46 |
| M 3 | 17 39 | 12 37 | 4 39 | 20 37 | 1 10 | 26 59 | 4 16 | 9 5 | 0 41 | 18 52 | 0 57 | 17 2 | 1 26 | 23 39 | 0 22 | 21 33 | 1 24 | 12 22 | 9 44 | 21 16 | 21 5 | 8 48 | 16 38 | 6 46 |
| T 4 | 17 56 | 16 15 | 4 6 | 21 4 | 1 16 | 26 50 | 4 9 | 9 20 | 0 41 | 18 50 | 0 57 | 17 1 | 1 26 | 23 39 | 0 22 | 21 33 | 1 24 | 12 21 | 9 44 | 21 18 | 21 5 | 8 46 | 16 38 | 6 47 |
| W 5 | 18 12 | 19 9 | 3 20 | 21 30 | 1 22 | 26 41 | 4 0 | 9 35 | 0 41 | 18 48 | 0 57 | 17 0 | 1 26 | 23 39 | 0 21 | 21 33 | 1 24 | 12 21 | 9 44 | 21 20 | 21 6 | 8 44 | 16 37 | 6 47 |
| T 6 | 18 27 | 21 6 | 2 22 | 21 55 | 1 27 | 26 31 | 3 51 | 9 50 | 0 40 | 18 46 | 0 57 | 17 0 | 1 26 | 23 39 | 0 21 | 21 33 | 1 24 | 12 21 | 9 44 | 21 21 | 21 7 | 8 42 | 16 37 | 6 48 |
| F 7 | 18 43 | 21 54 | 1 16 | 22 19 | 1 32 | 26 20 | 3 42 | 10 5 | 0 40 | 18 44 | 0 57 | 16 59 | 1 26 | 23 39 | 0 21 | 21 33 | 1 24 | 12 21 | 9 44 | 21 22 | 21 7 | 8 40 | 16 36 | 6 48 |
| S 8 | 18 58 | 21 26 | 0 5 | 22 41 | 1 37 | 26 8 | 3 32 | 10 20 | 0 39 | 18 41 | 0 57 | 16 58 | 1 26 | 23 38 | 0 21 | 21 32 | 1 24 | 12 21 | 9 44 | 21 22 | 21 8 | 8 37 | 16 36 | 6 49 |
| S 9 | 19 13 | 19 42 | 1s 8 | 23 3 | 1 42 | 25 55 | 3 21 | 10 34 | 0 39 | 18 39 | 0 56 | 16 57 | 1 26 | 23 38 | 0 21 | 21 32 | 1 24 | 12 20 | 9 44 | 21 22 | 21 8 | 8 35 | 16 36 | 6 49 |
| M10 | 19 27 | 16 48 | 2 18 | 23 23 | 1 47 | 25 42 | 3 10 | 10 49 | 0 38 | 18 37 | 0 56 | 16 56 | 1 26 | 23 38 | 0 21 | 21 32 | 1 24 | 12 20 | 9 44 | 21 22 | 21 9 | 8 33 | 16 35 | 6 50 |
| T 11 | 19 41 | 12 53 | 3 20 | 23 42 | 1 51 | 25 27 | 2 59 | 11 4 | 0 38 | 18 34 | 0 56 | 16 55 | 1 26 | 23 38 | 0 21 | 21 32 | 1 24 | 12 20 | 9 44 | 21 22 | 21 10 | 8 31 | 16 35 | 6 50 |
| W12 | 19 55 | 8 12 | 4 11 | 24 0 | 1 55 | 25 12 | 2 46 | 11 18 | 0 37 | 18 32 | 0 56 | 16 54 | 1 25 | 23 38 | 0 21 | 21 32 | 1 24 | 12 20 | 9 44 | 21 22 | 21 10 | 8 29 | 16 34 | 6 51 |
| T 13 | 20 8 | 3 2 | 4 47 | 24 17 | 1 59 | 24 56 | 2 33 | 11 32 | 0 37 | 18 29 | 0 56 | 16 53 | 1 25 | 23 38 | 0 21 | 21 32 | 1 24 | 12 20 | 9 44 | 21 23 | 21 11 | 8 27 | 16 34 | 6 51 |
| F 14 | 20 21 | 2n20 | 5 4 | 24 32 | 2 3 | 24 39 | 2 20 | 11 47 | 0 36 | 18 27 | 0 56 | 16 52 | 1 25 | 23 37 | 0 21 | 21 31 | 1 24 | 12 20 | 9 44 | 21 24 | 21 11 | 8 25 | 16 34 | 6 52 |
| S 15 | 20 33 | 7 34 | 5 3 | 24 46 | 2 6 | 24 21 | 2 6 | 12 1 | 0 36 | 18 24 | 0 56 | 16 51 | 1 25 | 23 37 | 0 21 | 21 31 | 1 24 | 12 19 | 9 44 | 21 25 | 21 12 | 8 22 | 16 33 | 6 52 |
| S 16 | 20 45 | 12 21 | 4 42 | 24 59 | 2 9 | 24 2 | 1 52 | 12 15 | 0 36 | 18 22 | 0 56 | 16 50 | 1 25 | 23 37 | 0 21 | 21 31 | 1 24 | 12 19 | 9 44 | 21 27 | 21 12 | 8 20 | 16 33 | 6 53 |
| M17 | 20 57 | 16 24 | 4 4 | 25 10 | 2 12 | 23 43 | 1 38 | 12 29 | 0 35 | 18 19 | 0 56 | 16 49 | 1 25 | 23 37 | 0 21 | 21 31 | 1 24 | 12 19 | 9 44 | 21 28 | 21 13 | 8 18 | 16 33 | 6 53 |
| T 18 | 21 8 | 19 26 | 3 12 | 25 20 | 2 14 | 23 23 | 1 23 | 12 43 | 0 35 | 18 16 | 0 56 | 16 47 | 1 25 | 23 37 | 0 21 | 21 31 | 1 24 | 12 19 | 9 44 | 21 29 | 21 14 | 8 16 | 16 32 | 6 54 |
| W19 | 21 19 | 21 19 | 2 11 | 25 29 | 2 16 | 23 3 | 1 7 | 12 57 | 0 34 | 18 14 | 0 56 | 16 46 | 1 25 | 23 36 | 0 21 | 21 31 | 1 24 | 12 19 | 9 44 | 21 30 | 21 14 | 8 14 | 16 32 | 6 54 |
| T 20 | 21 30 | 21 58 | 1 4 | 25 36 | 2 18 | 22 42 | 0 52 | 13 11 | 0 34 | 18 11 | 0 56 | 16 45 | 1 25 | 23 36 | 0 21 | 21 31 | 1 24 | 12 19 | 9 44 | 21 31 | 21 15 | 8 12 | 16 32 | 6 54 |
| F 21 | 21 40 | 21 27 | 0n 5 | 25 41 | 2 19 | 22 21 | 0 37 | 13 25 | 0 33 | 18 8 | 0 56 | 16 44 | 1 25 | 23 36 | 0 21 | 21 30 | 1 24 | 12 19 | 9 44 | 21 31 | 21 15 | 8 9 | 16 31 | 6 55 |
| S 22 | 21 50 | 19 52 | 1 11 | 25 46 | 2 19 | 22 0 | 0 21 | 13 39 | 0 33 | 18 5 | 0 55 | 16 43 | 1 25 | 23 36 | 0 21 | 21 30 | 1 24 | 12 19 | 9 44 | 21 31 | 21 16 | 8 7 | 16 31 | 6 55 |
| S 23 | 21 59 | 17 24 | 2 13 | 25 48 | 2 19 | 21 38 | 0 5 | 13 52 | 0 32 | 18 2 | 0 55 | 16 41 | 1 25 | 23 36 | 0 21 | 21 30 | 1 24 | 12 18 | 9 44 | 21 30 | 21 16 | 8 5 | 16 31 | 6 56 |
| M24 | 22 8 | 14 14 | 3 9 | 25 49 | 2 19 | 21 17 | 0n10 | 14 6 | 0 32 | 17 59 | 0 55 | 16 40 | 1 25 | 23 35 | 0 21 | 21 30 | 1 24 | 12 18 | 9 44 | 21 30 | 21 17 | 8 3 | 16 31 | 6 56 |
| T 25 | 22 16 | 10 31 | 3 55 | 25 49 | 2 18 | 20 55 | 0 26 | 14 19 | 0 31 | 17 56 | 0 55 | 16 39 | 1 25 | 23 35 | 0 21 | 21 30 | 1 24 | 12 18 | 9 44 | 21 30 | 21 18 | 8 1 | 16 30 | 6 56 |
| W26 | 22 24 | 6 25 | 4 32 | 25 47 | 2 16 | 20 34 | 0 41 | 14 32 | 0 31 | 17 53 | 0 55 | 16 37 | 1 24 | 23 35 | 0 21 | 21 30 | 1 24 | 12 18 | 9 44 | 21 30 | 21 18 | 7 59 | 16 30 | 6 57 |
| T 27 | 22 32 | 2 4 | 4 57 | 25 43 | 2 14 | 20 13 | 0 56 | 14 45 | 0 30 | 17 50 | 0 55 | 16 36 | 1 24 | 23 35 | 0 21 | 21 29 | 1 24 | 12 18 | 9 43 | 21 31 | 21 19 | 7 56 | 16 30 | 6 57 |
| F 28 | 22 39 | 2s25 | 5 9 | 25 38 | 2 11 | 19 53 | 1 11 | 14 59 | 0 29 | 17 47 | 0 55 | 16 34 | 1 24 | 23 34 | 0 21 | 21 29 | 1 24 | 12 18 | 9 43 | 21 31 | 21 19 | 7 54 | 16 30 | 6 57 |
| S 29 | 22 46 | 6 53 | 5 8 | 25 32 | 2 7 | 19 33 | 1 25 | 15 12 | 0 29 | 17 44 | 0 55 | 16 33 | 1 24 | 23 34 | 0 21 | 21 29 | 1 24 | 12 18 | 9 43 | 21 32 | 21 20 | 7 52 | 16 30 | 6 58 |
| S 30 | 22s52 | 11s 9 | 4n52 | 25s24 | 2s 3 | 19s14 | 1n39 | 15s24 | 0n28 | 17s41 | 0s55 | 16s31 | 1s24 | 23s34 | 0s21 | 21n29 | 1s24 | 12n18 | 9s43 | 21n33 | 21n20 | 7n50 | 16n29 | 6s58 |

Julian Day Number = 2234173.5, Delta T = 07m45s
Ecliptic obliquity = 23°30'56, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°26'16, Lahiri = 15°33'17 Julian Calendar 1 Nov. 1404 == Greg. Calendar 10 Nov. 1404

# ASTRODIENST EPHEMERIS for the year 1404
# geocentric

## DECEMBER 1404 JC

00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 5 13 35 | 17♐54'15 | 25♏47 | 7♑45 | 2°R45 | 13♏54 | 13♒45 | 19♒ 2 | 9♑ 2 | 17°R 2 | 9°R14 | 22°R50 | 24♋10 | 20♍16 | 3°R59 | M 1 |
| T 2 | 5 17 32 | 18°55'24 | 8♐51 | 8°55 | 2♐20 | 14°35 | 13°56 | 19° 7 | 9° 5 | 17♊ 0 | 9♊13 | 22♋44 | 24° 7 | 20°23 | 3♋55 | T 2 |
| W 3 | 5 21 28 | 19°56'33 | 22°11 | 10° 0 | 1°58 | 15°16 | 14° 7 | 19°11 | 9° 9 | 16°58 | 9°12 | 22°40 | 24° 3 | 20°30 | 3°51 | W 3 |
| T 4 | 5 25 25 | 20°57'43 | 5♑46 | 11° 1 | 1°38 | 15°57 | 14°18 | 19°16 | 9°12 | 16°56 | 9°11 | 22°37 | 24° 0 | 20°36 | 3°47 | T 4 |
| F 5 | 5 29 22 | 21°58'54 | 19°33 | 11°57 | 1°21 | 16°37 | 14°29 | 19°21 | 9°16 | 16°55 | 9° 9 | 22°D36 | 23°57 | 20°43 | 3°43 | F 5 |
| S 6 | 5 33 18 | 23° 0'04 | 3♒30 | 12°47 | 1° 5 | 17°18 | 14°41 | 19°26 | 9°19 | 16°53 | 9° 8 | 22°36 | 23°54 | 20°50 | 3°39 | S 6 |
| S 7 | 5 37 15 | 24° 1'15 | 17°33 | 13°29 | 0°52 | 17°59 | 14°52 | 19°31 | 9°22 | 16°51 | 9° 7 | 22°37 | 23°51 | 20°56 | 3°35 | S 7 |
| M 8 | 5 41 11 | 25° 2'25 | 1♓40 | 14° 4 | 0°42 | 18°40 | 15° 4 | 19°36 | 9°26 | 16°50 | 9° 6 | 22°39 | 23°48 | 21° 3 | 3°31 | M 8 |
| T 9 | 5 45 8 | 26° 3'36 | 15°50 | 14°31 | 0°34 | 19°21 | 15°16 | 19°42 | 9°29 | 16°48 | 9° 5 | 22°40 | 23°44 | 21°10 | 3°27 | T 9 |
| W10 | 5 49 4 | 27° 4'47 | 29°59 | 14°47 | 0°29 | 20° 2 | 15°28 | 19°47 | 9°33 | 16°46 | 9° 4 | 22°R40 | 23°41 | 21°17 | 3°23 | W10 |
| T 11 | 5 53 1 | 28° 5'57 | 14♈ 8 | 14°R53 | 0°26 | 20°43 | 15°39 | 19°52 | 9°36 | 16°45 | 9° 3 | 22°39 | 23°38 | 21°23 | 3°18 | T 11 |
| F 12 | 5 56 57 | 29° 7'07 | 28°13 | 14°49 | 0°D25 | 21°24 | 15°51 | 19°58 | 9°40 | 16°43 | 9° 2 | 22°37 | 23°35 | 21°30 | 3°14 | F 12 |
| S 13 | 6 0 54 | 0♑ 8'18 | 12♉12 | 14°32 | 0°27 | 22° 5 | 16° 4 | 20° 3 | 9°44 | 16°41 | 9° 1 | 22°35 | 23°32 | 21°37 | 3°10 | S 13 |
| S 14 | 6 4 51 | 1° 9'28 | 26° 3 | 14° 4 | 0°31 | 22°46 | 16°16 | 20° 9 | 9°47 | 16°40 | 9° 0 | 22°31 | 23°29 | 21°43 | 3° 6 | S 14 |
| M15 | 6 8 47 | 2°10'38 | 9♊43 | 13°24 | 0°38 | 23°27 | 16°28 | 20°14 | 9°51 | 16°38 | 8°58 | 22°28 | 23°25 | 21°50 | 3° 2 | M15 |
| T 16 | 6 12 44 | 3°11'48 | 23° 9 | 12°32 | 0°47 | 24° 9 | 16°40 | 20°20 | 9°54 | 16°36 | 8°57 | 22°26 | 23°22 | 21°57 | 2°58 | T 16 |
| W17 | 6 16 40 | 4°12'58 | 6♋20 | 11°31 | 0°58 | 24°50 | 16°53 | 20°26 | 9°58 | 16°35 | 8°56 | 22°24 | 23°19 | 22° 4 | 2°53 | W17 |
| T 18 | 6 20 37 | 5°14'08 | 19°14 | 10°22 | 1°11 | 25°31 | 17° 5 | 20°31 | 10° 1 | 16°33 | 8°55 | 22°D23 | 23°16 | 22°10 | 2°49 | T 18 |
| F 19 | 6 24 33 | 6°15'18 | 1♌52 | 9° 6 | 1°27 | 26°12 | 17°18 | 20°37 | 10° 5 | 16°32 | 8°54 | 22°23 | 23°13 | 22°17 | 2°45 | F 19 |
| S 20 | 6 28 30 | 7°16'28 | 14°14 | 7°46 | 1°44 | 26°53 | 17°30 | 20°43 | 10° 8 | 16°30 | 8°53 | 22°24 | 23° 9 | 22°24 | 2°41 | S 20 |
| S 21 | 6 32 26 | 8°17'38 | 26°23 | 6°26 | 2° 4 | 27°35 | 17°43 | 20°49 | 10°12 | 16°28 | 8°52 | 22°26 | 23° 6 | 22°30 | 2°37 | S 21 |
| M22 | 6 36 23 | 9°18'48 | 8♍22 | 5° 6 | 2°26 | 28°16 | 17°56 | 20°55 | 10°16 | 16°27 | 8°51 | 22°27 | 23° 3 | 22°37 | 2°33 | M22 |
| T 23 | 6 40 20 | 10°19'57 | 20°15 | 3°51 | 2°49 | 28°57 | 18° 9 | 21° 1 | 10°19 | 16°25 | 8°50 | 22°28 | 23° 0 | 22°44 | 2°28 | T 23 |
| W24 | 6 44 16 | 11°21'07 | 2♎ 7 | 2°41 | 3°14 | 29°39 | 18°22 | 21° 7 | 10°23 | 16°24 | 8°49 | 22°29 | 22°57 | 22°50 | 2°24 | W24 |
| T 25 | 6 48 13 | 12°22'17 | 14° 1 | 1°39 | 3°41 | 0♐20 | 18°35 | 21°14 | 10°26 | 16°22 | 8°48 | 22°R29 | 22°54 | 22°57 | 2°20 | T 25 |
| F 26 | 6 52 9 | 13°23'26 | 26° 2 | 0°46 | 4°10 | 1° 2 | 18°48 | 21°20 | 10°30 | 16°21 | 8°48 | 22°29 | 22°50 | 23° 4 | 2°16 | F 26 |
| S 27 | 6 56 6 | 14°24'36 | 8♏16 | 0° 2 | 4°40 | 1°43 | 19° 1 | 21°26 | 10°33 | 16°19 | 8°47 | 22°28 | 22°47 | 23°11 | 2°12 | S 27 |
| S 28 | 7 0 2 | 15°25'45 | 20°47 | 29♐27 | 5°12 | 2°24 | 19°14 | 21°32 | 10°37 | 16°18 | 8°46 | 22°27 | 22°44 | 23°17 | 2° 8 | S 28 |
| M29 | 7 3 59 | 16°26'54 | 3♐37 | 29° 3 | 5°45 | 3° 6 | 19°27 | 21°39 | 10°41 | 16°17 | 8°45 | 22°26 | 22°41 | 23°24 | 2° 4 | M29 |
| T 30 | 7 7 55 | 17°28'03 | 16°49 | 28°48 | 6°20 | 3°48 | 19°41 | 21°45 | 10°44 | 16°15 | 8°44 | 22°26 | 22°38 | 23°31 | 2° 0 | T 30 |
| W31 | 7 11 52 | 18♑29'12 | 0♑23 | 28°D41 | 6♐56 | 4♐29 | 19♒54 | 21♒52 | 10♑48 | 16♊14 | 8♊43 | 22♋25 | 22♋35 | 23♍37 | 1♋56 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 22s58 | 15s 2 | 4n21 | 25s14 | 1s57 | 18s56 | 1n53 | 15s37 | 0n28 | 17s38 | 0s55 | 16s30 | 1s24 | 23s34 | 0s21 | 21n29 | 1s24 | 12n18 | 9s43 | 21n35 | 21n21 | 7n48 | 16n29 | 6s58 |
| T 2 | 23 3 | 18 17 | 3 36 | 25 3 | 1 51 | 18 38 | 2 6 | 15 50 | 0 27 | 17 34 | 0 55 | 16 28 | 1 24 | 23 34 | 0 21 | 21 29 | 1 24 | 12 17 | 9 43 | 21 36 | 21 21 | 7 45 | 16 29 | 6 59 |
| W 3 | 23 8 | 20 39 | 2 38 | 24 51 | 1 43 | 18 21 | 2 19 | 16 2 | 0 27 | 17 31 | 0 55 | 16 27 | 1 24 | 23 33 | 0 21 | 21 29 | 1 24 | 12 17 | 9 43 | 21 36 | 21 22 | 7 43 | 16 29 | 6 59 |
| T 4 | 23 12 | 21 53 | 1 31 | 24 38 | 1 35 | 18 5 | 2 31 | 16 15 | 0 26 | 17 28 | 0 55 | 16 25 | 1 24 | 23 33 | 0 21 | 21 28 | 1 24 | 12 17 | 9 43 | 21 37 | 21 23 | 7 41 | 16 29 | 6 59 |
| F 5 | 23 16 | 21 49 | 0 17 | 24 24 | 1 25 | 17 50 | 2 43 | 16 27 | 0 26 | 17 24 | 0 55 | 16 24 | 1 24 | 23 33 | 0 21 | 21 28 | 1 24 | 12 17 | 9 43 | 21 37 | 21 23 | 7 39 | 16 29 | 6 59 |
| S 6 | 23 20 | 20 24 | 0s59 | 24 8 | 1 15 | 17 36 | 2 54 | 16 39 | 0 25 | 17 21 | 0 55 | 16 22 | 1 24 | 23 33 | 0 21 | 21 28 | 1 24 | 12 17 | 9 43 | 21 37 | 21 24 | 7 37 | 16 29 | 6 59 |
| S 7 | 23 23 | 17 44 | 2 13 | 23 52 | 1 3 | 17 24 | 3 4 | 16 51 | 0 25 | 17 18 | 0 55 | 16 20 | 1 24 | 23 32 | 0 21 | 21 28 | 1 24 | 12 17 | 9 43 | 21 37 | 21 24 | 7 34 | 16 28 | 7 0 |
| M 8 | 23 25 | 14 0 | 3 18 | 23 36 | 0 50 | 17 12 | 3 14 | 17 3 | 0 24 | 17 14 | 0 55 | 16 19 | 1 24 | 23 32 | 0 21 | 21 28 | 1 24 | 12 17 | 9 43 | 21 36 | 21 25 | 7 32 | 16 28 | 7 0 |
| T 9 | 23 27 | 9 28 | 4 12 | 23 19 | 0 36 | 17 1 | 3 24 | 17 15 | 0 23 | 17 11 | 0 54 | 16 17 | 1 24 | 23 32 | 0 21 | 21 28 | 1 24 | 12 17 | 9 42 | 21 36 | 21 25 | 7 30 | 16 28 | 7 0 |
| W10 | 23 29 | 4 26 | 4 50 | 23 1 | 0 20 | 16 51 | 3 33 | 17 26 | 0 23 | 17 7 | 0 54 | 16 15 | 1 24 | 23 32 | 0 21 | 21 27 | 1 24 | 12 17 | 9 42 | 21 36 | 21 26 | 7 28 | 16 28 | 7 0 |
| T 11 | 23 30 | 0n49 | 5 11 | 22 44 | 0 3 | 16 42 | 3 41 | 17 38 | 0 22 | 17 3 | 0 54 | 16 13 | 1 24 | 23 31 | 0 21 | 21 27 | 1 24 | 12 17 | 9 42 | 21 36 | 21 26 | 7 25 | 16 28 | 7 0 |
| F 12 | 23 31 | 6 0 | 5 13 | 22 27 | 0n14 | 16 34 | 3 49 | 17 49 | 0 22 | 17 0 | 0 54 | 16 12 | 1 24 | 23 31 | 0 21 | 21 27 | 1 24 | 12 17 | 9 42 | 21 37 | 21 27 | 7 23 | 16 28 | 7 1 |
| S 13 | 23 31 | 10 51 | 4 56 | 22 10 | 0 33 | 16 28 | 3 56 | 18 1 | 0 21 | 16 56 | 0 54 | 16 10 | 1 24 | 23 31 | 0 21 | 21 27 | 1 24 | 12 17 | 9 42 | 21 37 | 21 28 | 7 21 | 16 28 | 7 1 |
| S 14 | 23 31 | 15 5 | 4 22 | 21 54 | 0 52 | 16 22 | 4 3 | 18 12 | 0 20 | 16 53 | 0 54 | 16 8 | 1 24 | 23 31 | 0 21 | 21 27 | 1 24 | 12 17 | 9 42 | 21 38 | 21 28 | 7 19 | 16 28 | 7 1 |
| M15 | 23 30 | 18 27 | 3 34 | 21 39 | 1 12 | 16 17 | 4 9 | 18 23 | 0 20 | 16 49 | 0 54 | 16 6 | 1 24 | 23 30 | 0 21 | 21 27 | 1 24 | 12 17 | 9 42 | 21 38 | 21 29 | 7 16 | 16 28 | 7 1 |
| T 16 | 23 29 | 20 46 | 2 34 | 21 24 | 1 31 | 16 14 | 4 15 | 18 33 | 0 19 | 16 45 | 0 54 | 16 4 | 1 23 | 23 30 | 0 21 | 21 27 | 1 24 | 12 17 | 9 42 | 21 39 | 21 29 | 7 14 | 16 28 | 7 1 |
| W17 | 23 27 | 21 54 | 1 28 | 21 11 | 1 50 | 16 11 | 4 20 | 18 44 | 0 19 | 16 41 | 0 54 | 16 3 | 1 23 | 23 30 | 0 21 | 21 26 | 1 24 | 12 17 | 9 42 | 21 39 | 21 30 | 7 12 | 16 28 | 7 1 |
| T 18 | 23 25 | 21 51 | 0 17 | 20 58 | 2 9 | 16 9 | 4 25 | 18 55 | 0 18 | 16 37 | 0 54 | 16 1 | 1 23 | 23 30 | 0 22 | 21 26 | 1 24 | 12 17 | 9 41 | 21 39 | 21 30 | 7 10 | 16 28 | 7 1 |
| F 19 | 23 22 | 20 39 | 0n52 | 20 47 | 2 26 | 16 8 | 4 29 | 19 5 | 0 17 | 16 34 | 0 54 | 15 59 | 1 23 | 23 29 | 0 22 | 21 26 | 1 24 | 12 17 | 9 41 | 21 39 | 21 31 | 7 8 | 16 28 | 7 1 |
| S 20 | 23 19 | 18 30 | 1 58 | 20 37 | 2 41 | 16 7 | 4 33 | 19 15 | 0 17 | 16 30 | 0 54 | 15 57 | 1 23 | 23 29 | 0 22 | 21 26 | 1 24 | 12 17 | 9 41 | 21 39 | 21 31 | 7 5 | 16 28 | 7 1 |
| S 21 | 23 15 | 15 32 | 2 57 | 20 28 | 2 54 | 16 8 | 4 36 | 19 25 | 0 16 | 16 26 | 0 54 | 15 55 | 1 23 | 23 29 | 0 22 | 21 26 | 1 24 | 12 17 | 9 41 | 21 39 | 21 32 | 7 3 | 16 28 | 7 1 |
| M22 | 23 11 | 11 58 | 3 48 | 20 21 | 3 4 | 16 9 | 4 39 | 19 35 | 0 15 | 16 22 | 0 54 | 15 53 | 1 23 | 23 29 | 0 22 | 21 26 | 1 24 | 12 17 | 9 41 | 21 38 | 21 32 | 7 1 | 16 28 | 7 1 |
| T 23 | 23 7 | 7 59 | 4 28 | 20 15 | 3 12 | 16 11 | 4 42 | 19 45 | 0 15 | 16 18 | 0 54 | 15 51 | 1 23 | 23 28 | 0 22 | 21 26 | 1 24 | 12 17 | 9 41 | 21 38 | 21 33 | 6 59 | 16 28 | 7 1 |
| W24 | 23 2 | 3 42 | 4 57 | 20 12 | 3 18 | 16 13 | 4 44 | 19 55 | 0 14 | 16 14 | 0 54 | 15 49 | 1 23 | 23 28 | 0 22 | 21 26 | 1 24 | 12 17 | 9 40 | 21 38 | 21 33 | 6 56 | 16 28 | 7 1 |
| T 25 | 22 56 | 0s44 | 5 14 | 20 9 | 3 21 | 16 16 | 4 46 | 20 4 | 0 13 | 16 10 | 0 54 | 15 47 | 1 23 | 23 28 | 0 22 | 21 25 | 1 24 | 12 17 | 9 40 | 21 38 | 21 34 | 6 54 | 16 29 | 7 1 |
| F 26 | 22 50 | 5 10 | 5 16 | 20 9 | 3 22 | 16 20 | 4 48 | 20 13 | 0 13 | 16 6 | 0 54 | 15 45 | 1 23 | 23 27 | 0 22 | 21 25 | 1 24 | 12 17 | 9 40 | 21 38 | 21 34 | 6 52 | 16 29 | 7 1 |
| S 27 | 22 44 | 9 30 | 5 5 | 20 10 | 3 21 | 16 24 | 4 49 | 20 22 | 0 12 | 16 1 | 0 54 | 15 43 | 1 23 | 23 27 | 0 22 | 21 25 | 1 24 | 12 17 | 9 40 | 21 38 | 21 35 | 6 49 | 16 29 | 7 1 |
| S 28 | 22 37 | 13 31 | 4 39 | 20 13 | 3 18 | 16 29 | 4 50 | 20 31 | 0 11 | 15 57 | 0 54 | 15 41 | 1 23 | 23 27 | 0 22 | 21 25 | 1 24 | 12 17 | 9 40 | 21 38 | 21 36 | 6 47 | 16 29 | 7 1 |
| M29 | 22 30 | 17 2 | 3 59 | 20 18 | 3 13 | 16 34 | 4 51 | 20 40 | 0 11 | 15 53 | 0 54 | 15 39 | 1 23 | 23 27 | 0 22 | 21 25 | 1 24 | 12 17 | 9 40 | 21 38 | 21 36 | 6 45 | 16 29 | 7 1 |
| T 30 | 22 22 | 19 48 | 3 5 | 20 23 | 3 7 | 16 39 | 4 51 | 20 49 | 0 10 | 15 49 | 0 54 | 15 37 | 1 23 | 23 26 | 0 22 | 21 25 | 1 24 | 12 17 | 9 39 | 21 39 | 21 37 | 6 43 | 16 29 | 7 1 |
| W31 | 22s14 | 21s32 | 1n59 | 20s30 | 3n 0 | 16s45 | 4n51 | 20s57 | 0n 9 | 15s45 | 0s54 | 15s34 | 1s23 | 23s26 | 0s22 | 21n25 | 1s24 | 12n17 | 9s39 | 21n39 | 21n37 | 6n40 | 16n29 | 7s 1 |

Julian Day Number = 2234203.5, Delta T = 07m45s
Ecliptic obliquity = 23°30'55, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°26'20, Lahiri = 15°33'21 Julian Calendar 1 Dec. 1404 == Greg. Calendar 10 Dec. 1404