# Astrodienst Ephemeris Tables

## for the year 1757

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 1757
# geocentric

## JANUARY 1757 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 6 43 14 | 10♑52'55 | 21♉59 | 7♑43 | 2♐32 | 6♑31 | 13♏ 9 | 9♒10 | 15♓56 | 12°R35 | 19♐ 9 | 23°R29 | 24♌53 | 5♋57 | 18♑ 6 | S 1 |
| S 2 | 6 47 10 | 11°54'04 | 4♊ 0 | 9°19 | 3°45 | 7°17 | 13°18 | 9°17 | 15°58 | 12♌34 | 19°11 | 23♌22 | 24°50 | 6° 4 | 18°11 | S 2 |
| M 3 | 6 51 7 | 12°55'13 | 15°55 | 10°56 | 4°58 | 8° 3 | 13°28 | 9°24 | 16° 0 | 12°32 | 19°13 | 23°13 | 24°47 | 6°11 | 18°17 | M 3 |
| T 4 | 6 55 3 | 13°56'21 | 27°47 | 12°33 | 6°11 | 8°48 | 13°37 | 9°30 | 16° 2 | 12°31 | 19°15 | 23° 5 | 24°44 | 6°17 | 18°22 | T 4 |
| W 5 | 6 59 0 | 14°57'30 | 9♋38 | 14°10 | 7°24 | 9°34 | 13°46 | 9°37 | 16° 4 | 12°30 | 19°17 | 22°58 | 24°40 | 6°24 | 18°28 | W 5 |
| T 6 | 7 2 57 | 15°58'38 | 21°28 | 15°48 | 8°37 | 10°20 | 13°55 | 9°44 | 16° 6 | 12°28 | 19°19 | 22°53 | 24°37 | 6°31 | 18°34 | T 6 |
| F 7 | 7 6 53 | 16°59'46 | 3♌21 | 17°26 | 9°50 | 11° 6 | 14° 5 | 9°51 | 16° 8 | 12°27 | 19°21 | 22°49 | 24°34 | 6°37 | 18°39 | F 7 |
| S 8 | 7 10 50 | 18° 0'54 | 15°18 | 19° 5 | 11° 3 | 11°52 | 14°13 | 9°58 | 16°10 | 12°25 | 19°24 | 22°47 | 24°31 | 6°44 | 18°45 | S 8 |
| S 9 | 7 14 46 | 19° 2'01 | 27°21 | 20°44 | 12°16 | 12°38 | 14°22 | 10° 4 | 16°12 | 12°24 | 19°26 | 22°D47 | 24°28 | 6°51 | 18°50 | S 9 |
| M10 | 7 18 43 | 20° 3'08 | 9♍33 | 22°24 | 13°29 | 13°24 | 14°31 | 10°11 | 16°14 | 12°22 | 19°28 | 22°48 | 24°25 | 6°57 | 18°56 | M10 |
| T 11 | 7 22 39 | 21° 4'15 | 21°57 | 24° 4 | 14°42 | 14°10 | 14°39 | 10°18 | 16°17 | 12°21 | 19°30 | 22°49 | 24°21 | 7° 4 | 19° 1 | T 11 |
| W12 | 7 26 36 | 22° 5'22 | 4♎37 | 25°45 | 15°55 | 14°56 | 14°48 | 10°25 | 16°19 | 12°19 | 19°32 | 22°51 | 24°18 | 7°11 | 19° 7 | W12 |
| T 13 | 7 30 32 | 23° 6'28 | 17°37 | 27°26 | 17° 8 | 15°43 | 14°56 | 10°32 | 16°21 | 12°17 | 19°34 | 22°R52 | 24°15 | 7°17 | 19°12 | T 13 |
| F 14 | 7 34 29 | 24° 7'34 | 1♏ 0 | 29° 7 | 18°22 | 16°29 | 15° 4 | 10°39 | 16°24 | 12°16 | 19°35 | 22°52 | 24°12 | 7°24 | 19°18 | F 14 |
| S 15 | 7 38 26 | 25° 8'40 | 14°48 | 0♒49 | 19°35 | 17°15 | 15°12 | 10°46 | 16°26 | 12°14 | 19°37 | 22°51 | 24° 9 | 7°31 | 19°24 | S 15 |
| S 16 | 7 42 22 | 26° 9'46 | 29° 2 | 2°32 | 20°49 | 18° 1 | 15°20 | 10°53 | 16°29 | 12°13 | 19°39 | 22°48 | 24° 6 | 7°37 | 19°29 | S 16 |
| M17 | 7 46 19 | 27°10'51 | 13♐40 | 4°14 | 22° 2 | 18°48 | 15°28 | 11° 0 | 16°31 | 12°11 | 19°41 | 22°45 | 24° 2 | 7°44 | 19°35 | M17 |
| T 18 | 7 50 15 | 28°11'56 | 28°38 | 5°57 | 23°15 | 19°34 | 15°36 | 11° 7 | 16°34 | 12° 9 | 19°43 | 22°41 | 23°59 | 7°51 | 19°40 | T 18 |
| W19 | 7 54 12 | 29°13'01 | 13♑46 | 7°41 | 24°29 | 20°20 | 15°43 | 11°14 | 16°36 | 12° 8 | 19°45 | 22°38 | 23°56 | 7°58 | 19°46 | W19 |
| T 20 | 7 58 8 | 0♒14'04 | 28°57 | 9°24 | 25°43 | 21° 7 | 15°51 | 11°21 | 16°39 | 12° 6 | 19°47 | 22°35 | 23°53 | 8° 4 | 19°51 | T 20 |
| F 21 | 8 2 5 | 1°15'07 | 14♒ 0 | 11° 8 | 26°56 | 21°53 | 15°58 | 11°28 | 16°41 | 12° 5 | 19°49 | 22°34 | 23°50 | 8°11 | 19°57 | F 21 |
| S 22 | 8 6 1 | 2°16'09 | 28°46 | 12°51 | 28°10 | 22°40 | 16° 5 | 11°36 | 16°44 | 12° 3 | 19°50 | 22°D34 | 23°46 | 8°18 | 20° 2 | S 22 |
| S 23 | 8 9 58 | 3°17'10 | 13♓ 9 | 14°35 | 29°23 | 23°26 | 16°12 | 11°43 | 16°47 | 12° 1 | 19°52 | 22°35 | 23°43 | 8°24 | 20° 8 | S 23 |
| M24 | 8 13 55 | 4°18'10 | 27° 6 | 16°18 | 0♑37 | 24°13 | 16°19 | 11°50 | 16°49 | 12° 0 | 19°54 | 22°36 | 23°40 | 8°31 | 20°13 | M24 |
| T 25 | 8 17 51 | 5°19'09 | 10♈35 | 18° 1 | 1°51 | 24°59 | 16°26 | 11°57 | 16°52 | 11°58 | 19°56 | 22°38 | 23°37 | 8°38 | 20°18 | T 25 |
| W26 | 8 21 48 | 6°20'06 | 23°38 | 19°42 | 3° 4 | 25°46 | 16°32 | 12° 4 | 16°55 | 11°56 | 19°57 | 22°39 | 23°34 | 8°44 | 20°24 | W26 |
| T 27 | 8 25 44 | 7°21'02 | 6♉19 | 21°23 | 4°18 | 26°33 | 16°39 | 12°11 | 16°58 | 11°54 | 19°59 | 22°R39 | 23°31 | 8°51 | 20°29 | T 27 |
| F 28 | 8 29 41 | 8°21'57 | 18°41 | 23° 3 | 5°32 | 27°19 | 16°45 | 12°19 | 17° 0 | 11°53 | 20° 1 | 22°39 | 23°27 | 8°58 | 20°34 | F 28 |
| S 29 | 8 33 37 | 9°22'50 | 0♊48 | 24°40 | 6°45 | 28° 6 | 16°51 | 12°26 | 17° 3 | 11°51 | 20° 2 | 22°38 | 23°24 | 9° 4 | 20°40 | S 29 |
| S 30 | 8 37 34 | 10°23'42 | 12°46 | 26°16 | 7°59 | 28°53 | 16°57 | 12°33 | 17° 6 | 11°49 | 20° 4 | 22°36 | 23°21 | 9°11 | 20°45 | S 30 |
| M31 | 8 41 30 | 11♒24'33 | 24♊37 | 27♒49 | 9♑13 | 29♑39 | 17♏ 3 | 12♒40 | 17♓ 9 | 11♌48 | 20♐ 6 | 22♌35 | 23♌18 | 9♋18 | 20♑50 | 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 | 23s 1 | 13n18 | 5s 9 | 24s51 | 1s36 | 18s45 | 1n59 | 24s 6 | 0s47 | 14s46 | 1n 5 | 18s45 | 0s48 | 6s15 | 0s45 | 17n 8 | 0n 5 | 14s54 | 8n 9 | 13n43 | 13n15 | 19n27 | 15s52 | 6n26 |
| S 2 | 22 56 | 16 0 | 5 4 | 24 48 | 1 40 | 19 0 | 1 57 | 24 4 | 0 48 | 14 49 | 1 5 | 18 43 | 0 48 | 6 14 | 0 45 | 17 8 | 0 5 | 14 54 | 8 9 | 13 45 | 13 16 | 19 28 | 15 51 | 6 26 |
| M 3 | 22 50 | 18 0 | 4 45 | 24 45 | 1 44 | 19 15 | 1 56 | 24 2 | 0 48 | 14 52 | 1 5 | 18 42 | 0 48 | 6 13 | 0 45 | 17 8 | 0 5 | 14 54 | 8 9 | 13 48 | 13 17 | 19 28 | 15 50 | 6 26 |
| T 4 | 22 44 | 19 12 | 4 15 | 24 40 | 1 48 | 19 30 | 1 53 | 23 59 | 0 49 | 14 54 | 1 6 | 18 40 | 0 48 | 6 13 | 0 45 | 17 9 | 0 5 | 14 54 | 8 9 | 13 50 | 13 18 | 19 28 | 15 50 | 6 26 |
| W 5 | 22 38 | 19 34 | 3 33 | 24 33 | 1 51 | 19 44 | 1 51 | 23 57 | 0 49 | 14 57 | 1 6 | 18 38 | 0 48 | 6 12 | 0 45 | 17 9 | 0 5 | 14 55 | 8 9 | 13 53 | 13 19 | 19 28 | 15 49 | 6 26 |
| T 6 | 22 31 | 19 5 | 2 42 | 24 25 | 1 54 | 19 58 | 1 49 | 23 54 | 0 50 | 14 59 | 1 6 | 18 36 | 0 48 | 6 11 | 0 45 | 17 10 | 0 5 | 14 55 | 8 9 | 13 54 | 13 20 | 19 29 | 15 48 | 6 26 |
| F 7 | 22 23 | 17 45 | 1 44 | 24 16 | 1 57 | 20 11 | 1 47 | 23 50 | 0 50 | 15 2 | 1 6 | 18 35 | 0 48 | 6 10 | 0 45 | 17 10 | 0 5 | 14 55 | 8 9 | 13 56 | 13 21 | 19 29 | 15 48 | 6 26 |
| S 8 | 22 15 | 15 37 | 0 41 | 24 4 | 1 59 | 20 24 | 1 45 | 23 47 | 0 51 | 15 5 | 1 6 | 18 33 | 0 48 | 6 9 | 0 45 | 17 11 | 0 5 | 14 55 | 8 9 | 13 56 | 13 22 | 19 29 | 15 47 | 6 26 |
| S 9 | 22 7 | 12 48 | 0n25 | 23 52 | 2 1 | 20 36 | 1 42 | 23 43 | 0 51 | 15 7 | 1 6 | 18 31 | 0 48 | 6 8 | 0 45 | 17 11 | 0 5 | 14 55 | 8 9 | 13 56 | 13 23 | 19 29 | 15 46 | 6 26 |
| M10 | 21 58 | 9 24 | 1 31 | 23 37 | 2 3 | 20 48 | 1 40 | 23 39 | 0 52 | 15 9 | 1 6 | 18 29 | 0 48 | 6 8 | 0 45 | 17 11 | 0 5 | 14 55 | 8 9 | 13 56 | 13 24 | 19 30 | 15 45 | 6 26 |
| T 11 | 21 49 | 5 33 | 2 33 | 23 22 | 2 4 | 20 59 | 1 37 | 23 34 | 0 52 | 15 12 | 1 6 | 18 27 | 0 48 | 6 7 | 0 45 | 17 12 | 0 5 | 14 55 | 8 9 | 13 55 | 13 25 | 19 30 | 15 44 | 6 26 |
| W12 | 21 39 | 1 22 | 3 29 | 23 4 | 2 5 | 21 9 | 1 35 | 23 30 | 0 52 | 15 14 | 1 7 | 18 25 | 0 48 | 6 6 | 0 45 | 17 12 | 0 5 | 14 55 | 8 9 | 13 55 | 13 26 | 19 30 | 15 44 | 6 26 |
| T 13 | 21 29 | 2s58 | 4 17 | 22 45 | 2 6 | 21 19 | 1 32 | 23 25 | 0 53 | 15 17 | 1 7 | 18 24 | 0 48 | 6 5 | 0 45 | 17 13 | 0 5 | 14 55 | 8 9 | 13 55 | 13 27 | 19 30 | 15 43 | 6 26 |
| F 14 | 21 19 | 7 16 | 4 52 | 22 24 | 2 6 | 21 28 | 1 30 | 23 20 | 0 53 | 15 19 | 1 7 | 18 22 | 0 48 | 6 4 | 0 45 | 17 13 | 0 5 | 14 56 | 8 9 | 13 55 | 13 28 | 19 31 | 15 42 | 6 26 |
| S 15 | 21 8 | 11 20 | 5 11 | 22 2 | 2 5 | 21 37 | 1 27 | 23 14 | 0 54 | 15 21 | 1 7 | 18 20 | 0 48 | 6 3 | 0 45 | 17 14 | 0 5 | 14 56 | 8 9 | 13 55 | 13 29 | 19 31 | 15 41 | 6 26 |
| S 16 | 20 57 | 14 53 | 5 12 | 21 38 | 2 4 | 21 45 | 1 25 | 23 9 | 0 54 | 15 23 | 1 7 | 18 18 | 0 48 | 6 2 | 0 45 | 17 14 | 0 5 | 14 56 | 8 10 | 13 56 | 13 30 | 19 31 | 15 40 | 6 27 |
| M17 | 20 45 | 17 37 | 4 54 | 21 13 | 2 3 | 21 52 | 1 22 | 23 3 | 0 54 | 15 25 | 1 7 | 18 16 | 0 49 | 6 1 | 0 45 | 17 15 | 0 5 | 14 56 | 8 10 | 13 57 | 13 31 | 19 31 | 15 40 | 6 27 |
| T 18 | 20 33 | 19 13 | 4 15 | 20 46 | 2 1 | 21 59 | 1 19 | 22 57 | 0 55 | 15 27 | 1 7 | 18 14 | 0 49 | 6 0 | 0 45 | 17 15 | 0 5 | 14 56 | 8 10 | 13 58 | 13 33 | 19 32 | 15 39 | 6 27 |
| W19 | 20 20 | 19 29 | 3 18 | 20 17 | 1 59 | 22 5 | 1 16 | 22 50 | 0 55 | 15 29 | 1 7 | 18 12 | 0 49 | 5 59 | 0 45 | 17 16 | 0 5 | 14 56 | 8 10 | 13 59 | 13 34 | 19 32 | 15 38 | 6 27 |
| T 20 | 20 8 | 18 20 | 2 7 | 19 47 | 1 56 | 22 11 | 1 13 | 22 43 | 0 56 | 15 31 | 1 8 | 18 10 | 0 49 | 5 58 | 0 45 | 17 16 | 0 5 | 14 56 | 8 10 | 14 0 | 13 35 | 19 32 | 15 37 | 6 27 |
| F 21 | 19 54 | 15 54 | 0 47 | 19 15 | 1 52 | 22 15 | 1 11 | 22 36 | 0 56 | 15 33 | 1 8 | 18 8 | 0 49 | 5 57 | 0 45 | 17 16 | 0 5 | 14 56 | 8 10 | 14 0 | 13 36 | 19 32 | 15 36 | 6 27 |
| S 22 | 19 41 | 12 27 | 0s34 | 18 42 | 1 48 | 22 20 | 1 8 | 22 29 | 0 56 | 15 35 | 1 8 | 18 7 | 0 49 | 5 56 | 0 45 | 17 17 | 0 5 | 14 56 | 8 10 | 14 0 | 13 37 | 19 33 | 15 35 | 6 27 |
| S 23 | 19 27 | 8 20 | 1 51 | 18 8 | 1 44 | 22 23 | 1 5 | 22 22 | 0 57 | 15 37 | 1 8 | 18 5 | 0 49 | 5 55 | 0 45 | 17 17 | 0 5 | 14 56 | 8 10 | 14 0 | 13 38 | 19 33 | 15 34 | 6 27 |
| M24 | 19 12 | 3 54 | 2 59 | 17 32 | 1 38 | 22 26 | 1 2 | 22 14 | 0 57 | 15 39 | 1 8 | 18 3 | 0 49 | 5 54 | 0 45 | 17 18 | 0 5 | 14 56 | 8 10 | 14 0 | 13 39 | 19 33 | 15 33 | 6 27 |
| T 25 | 18 58 | 0n35 | 3 55 | 16 55 | 1 32 | 22 28 | 0 59 | 22 6 | 0 57 | 15 41 | 1 8 | 18 1 | 0 49 | 5 52 | 0 44 | 17 18 | 0 5 | 14 56 | 8 10 | 13 59 | 13 40 | 19 33 | 15 33 | 6 28 |
| W26 | 18 43 | 4 54 | 4 37 | 16 16 | 1 25 | 22 30 | 0 56 | 21 58 | 0 58 | 15 42 | 1 8 | 17 59 | 0 49 | 5 51 | 0 44 | 17 19 | 0 5 | 14 56 | 8 10 | 13 59 | 13 41 | 19 33 | 15 32 | 6 28 |
| T 27 | 18 27 | 8 51 | 5 4 | 15 37 | 1 18 | 22 31 | 0 53 | 21 49 | 0 58 | 15 44 | 1 9 | 17 57 | 0 49 | 5 50 | 0 44 | 17 19 | 0 5 | 14 56 | 8 10 | 13 59 | 13 42 | 19 34 | 15 31 | 6 28 |
| F 28 | 18 12 | 12 20 | 5 16 | 14 56 | 1 9 | 22 31 | 0 50 | 21 41 | 0 59 | 15 46 | 1 9 | 17 55 | 0 49 | 5 49 | 0 44 | 17 20 | 0 5 | 14 56 | 8 11 | 13 59 | 13 43 | 19 34 | 15 30 | 6 28 |
| S 29 | 17 56 | 15 14 | 5 13 | 14 15 | 1 0 | 22 31 | 0 47 | 21 32 | 0 59 | 15 47 | 1 9 | 17 53 | 0 49 | 5 48 | 0 44 | 17 20 | 0 5 | 14 56 | 8 11 | 13 59 | 13 44 | 19 34 | 15 29 | 6 28 |
| S 30 | 17 39 | 17 26 | 4 57 | 13 34 | 0 50 | 22 30 | 0 44 | 21 23 | 0 59 | 15 49 | 1 9 | 17 51 | 0 49 | 5 47 | 0 44 | 17 21 | 0 5 | 14 56 | 8 11 | 14 0 | 13 45 | 19 34 | 15 28 | 6 28 |
| M31 | 17s23 | 18n53 | 4s29 | 12s52 | 0s39 | 22s28 | 0n41 | 21s13 | 1s 0 | 15s50 | 1n 9 | 17s49 | 0s49 | 5s46 | 0s44 | 17n21 | 0n 5 | 14s56 | 8n11 | 14n 0 | 13n46 | 19n34 | 15s27 | 6n29 |

Julian Day Number = 2362791.5, Delta T = 18.02 sec
Ecliptic obliquity = 23°28'07, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°20'52, Lahiri = 20°27'52Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1757
# geocentric

## FEBRUARY 1757 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 8 45 27 | 12♒25'23 | 6♋27 | 29♒19 | 10♑27 | 0♒26 | 17♏ 8 | 12♒47 | 17♓12 | 11°R46 | 20♐ 7 | 22°R33 | 23♌15 | 9♋24 | 20♑56 | T 1 |
| W 2 | 8 49 24 | 13°26'11 | 18°17 | 0♓45 | 11°41 | 1°13 | 17°14 | 12°54 | 17°15 | 11♌44 | 20° 9 | 22♌32 | 23°12 | 9°31 | 21° 1 | W 2 |
| T 3 | 8 53 20 | 14°26'58 | 0♌11 | 2° 7 | 12°54 | 1°59 | 17°19 | 13° 2 | 17°18 | 11°43 | 20°10 | 22°31 | 23° 8 | 9°38 | 21° 6 | T 3 |
| F 4 | 8 57 17 | 15°27'43 | 12°10 | 3°24 | 14° 8 | 2°46 | 17°24 | 13° 9 | 17°21 | 11°41 | 20°12 | 22°30 | 23° 5 | 9°44 | 21°11 | F 4 |
| S 5 | 9 1 13 | 16°28'27 | 24°17 | 4°35 | 15°22 | 3°33 | 17°29 | 13°16 | 17°24 | 11°39 | 20°13 | 22°D30 | 23° 2 | 9°51 | 21°17 | S 5 |
| S 6 | 9 5 10 | 17°29'10 | 6♍33 | 5°40 | 16°36 | 4°20 | 17°34 | 13°23 | 17°27 | 11°38 | 20°15 | 22°30 | 22°59 | 9°58 | 21°22 | S 6 |
| M 7 | 9 9 6 | 18°29'52 | 19° 0 | 6°37 | 17°50 | 5° 7 | 17°38 | 13°30 | 17°30 | 11°36 | 20°16 | 22°30 | 22°56 | 10° 5 | 21°27 | M 7 |
| T 8 | 9 13 3 | 19°30'32 | 1♎39 | 7°27 | 19° 4 | 5°54 | 17°43 | 13°38 | 17°33 | 11°34 | 20°18 | 22°31 | 22°52 | 10°11 | 21°32 | T 8 |
| W 9 | 9 16 59 | 20°31'11 | 14°32 | 8° 7 | 20°18 | 6°40 | 17°47 | 13°45 | 17°37 | 11°33 | 20°19 | 22°31 | 22°49 | 10°18 | 21°37 | W 9 |
| T 10 | 9 20 56 | 21°31'49 | 27°40 | 8°39 | 21°32 | 7°27 | 17°51 | 13°52 | 17°40 | 11°31 | 20°20 | 22°31 | 22°46 | 10°25 | 21°42 | T 10 |
| F 11 | 9 24 52 | 22°32'26 | 11♏ 5 | 9° 0 | 22°46 | 8°14 | 17°55 | 13°59 | 17°43 | 11°29 | 20°22 | 22°R31 | 22°43 | 10°31 | 21°47 | F 11 |
| S 12 | 9 28 49 | 23°33'01 | 24°48 | 9°12 | 24° 0 | 9° 1 | 17°59 | 14° 6 | 17°46 | 11°28 | 20°23 | 22°D31 | 22°40 | 10°38 | 21°52 | S 12 |
| S 13 | 9 32 46 | 24°33'36 | 8♐49 | 9°R13 | 25°14 | 9°48 | 18° 3 | 14°13 | 17°49 | 11°26 | 20°24 | 22°31 | 22°37 | 10°45 | 21°57 | S 13 |
| M14 | 9 36 42 | 25°34'09 | 23° 8 | 9° 3 | 26°28 | 10°35 | 18° 6 | 14°20 | 17°52 | 11°24 | 20°25 | 22°32 | 22°33 | 10°51 | 22° 2 | M14 |
| T 15 | 9 40 39 | 26°34'41 | 7♑42 | 8°44 | 27°42 | 11°22 | 18°10 | 14°27 | 17°56 | 11°23 | 20°26 | 22°32 | 22°30 | 10°58 | 22° 6 | T 15 |
| W16 | 9 44 35 | 27°35'12 | 22°26 | 8°14 | 28°56 | 12° 9 | 18°13 | 14°34 | 17°59 | 11°21 | 20°28 | 22°32 | 22°27 | 11° 5 | 22°11 | W16 |
| T 17 | 9 48 32 | 28°35'41 | 7♒14 | 7°36 | 0♒10 | 12°56 | 18°16 | 14°42 | 18° 2 | 11°20 | 20°29 | 22°33 | 22°24 | 11°11 | 22°16 | T 17 |
| F 18 | 9 52 28 | 29°36'09 | 22° 1 | 6°50 | 1°24 | 13°43 | 18°18 | 14°49 | 18° 6 | 11°18 | 20°30 | 22°R33 | 22°21 | 11°18 | 22°21 | F 18 |
| S 19 | 9 56 25 | 0♓36'35 | 6♓37 | 5°57 | 2°38 | 14°30 | 18°21 | 14°56 | 18° 9 | 11°16 | 20°31 | 22°33 | 22°17 | 11°25 | 22°25 | S 19 |
| S 20 | 10 0 22 | 1°36'59 | 20°57 | 4°59 | 3°52 | 15°17 | 18°23 | 15° 3 | 18°12 | 11°15 | 20°32 | 22°32 | 22°14 | 11°31 | 22°30 | S 20 |
| M21 | 10 4 18 | 2°37'22 | 4♈56 | 3°57 | 5° 6 | 16° 4 | 18°25 | 15°10 | 18°16 | 11°13 | 20°33 | 22°31 | 22°11 | 11°38 | 22°35 | M21 |
| T 22 | 10 8 15 | 3°37'42 | 18°31 | 2°53 | 6°20 | 16°52 | 18°27 | 15°17 | 18°19 | 11°12 | 20°34 | 22°30 | 22° 8 | 11°45 | 22°39 | T 22 |
| W23 | 10 12 11 | 4°38'01 | 1♉41 | 1°48 | 7°34 | 17°39 | 18°29 | 15°24 | 18°22 | 11°10 | 20°35 | 22°28 | 22° 5 | 11°51 | 22°44 | W23 |
| T 24 | 10 16 8 | 5°38'18 | 14°28 | 0°44 | 8°48 | 18°26 | 18°31 | 15°30 | 18°26 | 11° 9 | 20°36 | 22°27 | 22° 2 | 11°58 | 22°48 | T 24 |
| F 25 | 10 20 4 | 6°38'33 | 26°54 | 29♒43 | 10° 2 | 19°13 | 18°32 | 15°37 | 18°29 | 11° 7 | 20°37 | 22°26 | 21°58 | 12° 5 | 22°53 | F 25 |
| S 26 | 10 24 1 | 7°38'45 | 9♊ 4 | 28°45 | 11°16 | 20° 0 | 18°34 | 15°44 | 18°32 | 11° 6 | 20°38 | 22°D25 | 21°55 | 12°11 | 22°57 | S 26 |
| S 27 | 10 27 57 | 8°38'56 | 21° 3 | 27°52 | 12°30 | 20°47 | 18°35 | 15°51 | 18°36 | 11° 4 | 20°38 | 22°26 | 21°52 | 12°18 | 23° 1 | S 27 |
| M28 | 10 31 54 | 9♓39'05 | 2♋54 | 27♒ 4 | 13♒44 | 21♒34 | 18♏36 | 15♒58 | 18♓39 | 11♌ 3 | 20♐39 | 22♌27 | 21♌49 | 12♋25 | 23♑ 6 | M28 |

| 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 | 17s 6 | 19n30 | 3s49 | 12s10 | 0s28 | 22s26 | 0n38 | 21s 3 | 1s 0 | 15s52 | 1n 9 | 17s47 | 0s49 | 5s44 | 0s44 | 17n22 | 0n 5 | 14s56 | 8n11 | 14n 1 | 13n47 | 19n34 | 15s26 | 6n29 |
| W 2 | 16 49 | 19 16 | 2 59 | 11 28 | 0 15 | 22 22 | 0 35 | 20 54 | 1 0 | 15 53 | 1 10 | 17 45 | 0 49 | 5 43 | 0 44 | 17 22 | 0 5 | 14 56 | 8 11 | 14 1 | 13 48 | 19 35 | 15 25 | 6 29 |
| T 3 | 16 31 | 18 10 | 2 1 | 10 46 | 0 2 | 22 19 | 0 32 | 20 43 | 1 0 | 15 55 | 1 10 | 17 43 | 0 50 | 5 42 | 0 44 | 17 23 | 0 5 | 14 56 | 8 11 | 14 2 | 13 49 | 19 35 | 15 24 | 6 29 |
| F 4 | 16 13 | 16 15 | 0 57 | 10 6 | 0n11 | 22 14 | 0 29 | 20 33 | 1 1 | 15 56 | 1 10 | 17 41 | 0 50 | 5 41 | 0 44 | 17 23 | 0 5 | 14 56 | 8 11 | 14 2 | 13 50 | 19 35 | 15 23 | 6 29 |
| S 5 | 15 55 | 13 36 | 0n10 | 9 26 | 0 26 | 22 9 | 0 26 | 20 22 | 1 1 | 15 57 | 1 10 | 17 39 | 0 50 | 5 40 | 0 44 | 17 24 | 0 5 | 14 56 | 8 11 | 14 2 | 13 51 | 19 35 | 15 22 | 6 30 |
| S 6 | 15 37 | 10 19 | 1 17 | 8 49 | 0 41 | 22 3 | 0 23 | 20 12 | 1 1 | 15 58 | 1 10 | 17 37 | 0 50 | 5 38 | 0 44 | 17 24 | 0 5 | 14 56 | 8 12 | 14 2 | 13 52 | 19 35 | 15 21 | 6 30 |
| M 7 | 15 18 | 6 32 | 2 22 | 8 13 | 0 56 | 21 57 | 0 20 | 20 1 | 1 2 | 15 59 | 1 10 | 17 35 | 0 50 | 5 37 | 0 44 | 17 25 | 0 5 | 14 56 | 8 12 | 14 2 | 13 53 | 19 35 | 15 20 | 6 30 |
| T 8 | 14 59 | 2 25 | 3 21 | 7 40 | 1 12 | 21 50 | 0 17 | 19 49 | 1 2 | 16 0 | 1 10 | 17 33 | 0 50 | 5 36 | 0 44 | 17 25 | 0 5 | 14 56 | 8 12 | 14 2 | 13 55 | 19 36 | 15 19 | 6 30 |
| W 9 | 14 40 | 1s53 | 4 11 | 7 10 | 1 28 | 21 42 | 0 14 | 19 38 | 1 2 | 16 2 | 1 11 | 17 31 | 0 50 | 5 35 | 0 44 | 17 26 | 0 5 | 14 56 | 8 12 | 14 1 | 13 56 | 19 36 | 15 18 | 6 30 |
| T 10 | 14 21 | 6 10 | 4 48 | 6 43 | 1 45 | 21 34 | 0 11 | 19 26 | 1 3 | 16 3 | 1 11 | 17 29 | 0 50 | 5 34 | 0 44 | 17 26 | 0 5 | 14 56 | 8 12 | 14 1 | 13 57 | 19 36 | 15 17 | 6 31 |
| F 11 | 14 1 | 10 14 | 5 11 | 6 20 | 2 1 | 21 25 | 0 8 | 19 14 | 1 3 | 16 3 | 1 11 | 17 27 | 0 50 | 5 32 | 0 44 | 17 27 | 0 5 | 14 56 | 8 12 | 14 1 | 13 58 | 19 36 | 15 16 | 6 31 |
| S 12 | 13 41 | 13 51 | 5 18 | 6 1 | 2 17 | 21 15 | 0 5 | 19 2 | 1 3 | 16 4 | 1 11 | 17 25 | 0 50 | 5 31 | 0 44 | 17 27 | 0 5 | 14 56 | 8 12 | 14 1 | 13 59 | 19 36 | 15 15 | 6 31 |
| S 13 | 13 21 | 16 46 | 5 5 | 5 47 | 2 32 | 21 5 | 0 2 | 18 50 | 1 3 | 16 5 | 1 11 | 17 23 | 0 50 | 5 30 | 0 44 | 17 27 | 0 5 | 14 56 | 8 13 | 14 1 | 14 0 | 19 36 | 15 14 | 6 32 |
| M14 | 13 1 | 18 44 | 4 34 | 5 37 | 2 46 | 20 54 | 0s 1 | 18 37 | 1 4 | 16 6 | 1 11 | 17 21 | 0 50 | 5 28 | 0 44 | 17 28 | 0 5 | 14 56 | 8 13 | 14 1 | 14 1 | 19 36 | 15 13 | 6 32 |
| T 15 | 12 40 | 19 31 | 3 44 | 5 32 | 3 0 | 20 43 | 0 4 | 18 25 | 1 4 | 16 7 | 1 12 | 17 19 | 0 50 | 5 27 | 0 44 | 17 28 | 0 5 | 14 56 | 8 13 | 14 1 | 14 2 | 19 37 | 15 12 | 6 32 |
| W16 | 12 20 | 18 58 | 2 40 | 5 32 | 3 12 | 20 31 | 0 7 | 18 12 | 1 4 | 16 7 | 1 12 | 17 17 | 0 51 | 5 26 | 0 44 | 17 29 | 0 5 | 14 56 | 8 13 | 14 1 | 14 3 | 19 37 | 15 11 | 6 32 |
| T 17 | 11 59 | 17 8 | 1 24 | 5 36 | 3 22 | 20 18 | 0 10 | 17 59 | 1 4 | 16 8 | 1 12 | 17 15 | 0 51 | 5 25 | 0 44 | 17 29 | 0 5 | 14 56 | 8 13 | 14 1 | 14 4 | 19 37 | 15 10 | 6 33 |
| F 18 | 11 38 | 14 9 | 0 3 | 5 45 | 3 31 | 20 4 | 0 12 | 17 45 | 1 5 | 16 9 | 1 12 | 17 13 | 0 51 | 5 23 | 0 44 | 17 30 | 0 5 | 14 56 | 8 13 | 14 1 | 14 5 | 19 37 | 15 9 | 6 33 |
| S 19 | 11 16 | 10 18 | 1s17 | 5 58 | 3 37 | 19 51 | 0 15 | 17 32 | 1 5 | 16 9 | 1 12 | 17 11 | 0 51 | 5 22 | 0 44 | 17 30 | 0 5 | 14 55 | 8 13 | 14 1 | 14 6 | 19 37 | 15 8 | 6 33 |
| S 20 | 10 55 | 5 54 | 2 31 | 6 15 | 3 42 | 19 36 | 0 18 | 17 18 | 1 5 | 16 10 | 1 12 | 17 9 | 0 51 | 5 21 | 0 44 | 17 31 | 0 5 | 14 55 | 8 14 | 14 1 | 14 7 | 19 37 | 15 7 | 6 34 |
| M21 | 10 33 | 1 19 | 3 34 | 6 36 | 3 44 | 19 21 | 0 21 | 17 4 | 1 5 | 16 10 | 1 13 | 17 7 | 0 51 | 5 19 | 0 44 | 17 31 | 0 5 | 14 55 | 8 14 | 14 2 | 14 8 | 19 37 | 15 6 | 6 34 |
| T 22 | 10 11 | 3n12 | 4 23 | 6 59 | 3 44 | 19 5 | 0 23 | 16 50 | 1 5 | 16 11 | 1 13 | 17 5 | 0 51 | 5 18 | 0 44 | 17 31 | 0 5 | 14 55 | 8 14 | 14 2 | 14 9 | 19 37 | 15 5 | 6 34 |
| W23 | 9 49 | 7 26 | 4 56 | 7 24 | 3 42 | 18 49 | 0 26 | 16 36 | 1 6 | 16 11 | 1 13 | 17 3 | 0 51 | 5 17 | 0 44 | 17 32 | 0 5 | 14 55 | 8 14 | 14 2 | 14 10 | 19 37 | 15 4 | 6 35 |
| T 24 | 9 27 | 11 12 | 5 14 | 7 50 | 3 37 | 18 33 | 0 29 | 16 22 | 1 6 | 16 11 | 1 13 | 17 1 | 0 51 | 5 15 | 0 44 | 17 32 | 0 5 | 14 55 | 8 14 | 14 3 | 14 11 | 19 38 | 15 3 | 6 35 |
| F 25 | 9 5 | 14 22 | 5 16 | 8 17 | 3 31 | 18 15 | 0 31 | 16 7 | 1 6 | 16 11 | 1 13 | 16 59 | 0 51 | 5 14 | 0 44 | 17 33 | 0 5 | 14 55 | 8 14 | 14 3 | 14 12 | 19 38 | 15 1 | 6 35 |
| S 26 | 8 43 | 16 50 | 5 4 | 8 45 | 3 23 | 17 57 | 0 34 | 15 53 | 1 6 | 16 12 | 1 13 | 16 57 | 0 51 | 5 13 | 0 44 | 17 33 | 0 5 | 14 55 | 8 15 | 14 3 | 14 13 | 19 38 | 15 0 | 6 36 |
| S 27 | 8 20 | 18 32 | 4 38 | 9 12 | 3 14 | 17 39 | 0 36 | 15 38 | 1 6 | 16 12 | 1 14 | 16 56 | 0 52 | 5 11 | 0 44 | 17 34 | 0 5 | 14 55 | 8 15 | 14 3 | 14 14 | 19 38 | 14 59 | 6 36 |
| M28 | 7s58 | 19n25 | 4s 1 | 9s38 | 3n 3 | 17s20 | 0s39 | 15s23 | 1s 6 | 16s12 | 1n14 | 16s54 | 0s52 | 5s10 | 0s44 | 17n34 | 0n 5 | 14s55 | 8n15 | 14n 3 | 14n15 | 19n38 | 14s58 | 6n36 |

Julian Day Number = 2362822.5, Delta T = 18.04 sec
Ecliptic obliquity = 23°28'08, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°20'56, Lahiri = 20°27'57Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1757
# geocentric

## MARCH 1757 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 10 35 50 | 10♓39'11 | 14♋43 | 26°R23 | 14♒58 | 22♒21 | 18♏36 | 16♒ 5 | 18♓43 | 11°R 1 | 20♐40 | 22♌29 | 21♌46 | 12♋31 | 23♑10 | T 1 |
| W 2 | 10 39 47 | 11°39'15 | 26°35 | 25♒48 | 16°13 | 23° 8 | 18°37 | 16°11 | 18°46 | 11♌ 0 | 20°41 | 22°30 | 21°43 | 12°38 | 23°14 | W 2 |
| T 3 | 10 43 44 | 12°39'18 | 8♌32 | 25°20 | 17°27 | 23°55 | 18°37 | 16°18 | 18°49 | 10°59 | 20°41 | 22°31 | 21°39 | 12°45 | 23°18 | T 3 |
| F 4 | 10 47 40 | 13°39'18 | 20°39 | 24°58 | 18°41 | 24°43 | 18°R37 | 16°25 | 18°53 | 10°57 | 20°42 | 22°R32 | 21°36 | 12°51 | 23°22 | F 4 |
| S 5 | 10 51 37 | 14°39'16 | 2♍57 | 24°44 | 19°55 | 25°30 | 18°37 | 16°31 | 18°56 | 10°56 | 20°43 | 22°32 | 21°33 | 12°58 | 23°26 | S 5 |
| S 6 | 10 55 33 | 15°39'13 | 15°30 | 24°36 | 21° 9 | 26°17 | 18°37 | 16°38 | 19° 0 | 10°54 | 20°43 | 22°30 | 21°30 | 13° 5 | 23°30 | S 6 |
| M 7 | 10 59 30 | 16°39'07 | 28°16 | 24°D34 | 22°23 | 27° 4 | 18°37 | 16°45 | 19° 3 | 10°53 | 20°44 | 22°27 | 21°27 | 13°11 | 23°34 | M 7 |
| T 8 | 11 3 26 | 17°38'59 | 11♎17 | 24°39 | 23°37 | 27°51 | 18°36 | 16°51 | 19° 6 | 10°52 | 20°44 | 22°24 | 21°23 | 13°18 | 23°38 | T 8 |
| W 9 | 11 7 23 | 18°38'50 | 24°32 | 24°50 | 24°51 | 28°38 | 18°35 | 16°58 | 19°10 | 10°51 | 20°45 | 22°20 | 21°20 | 13°25 | 23°42 | W 9 |
| T 10 | 11 11 19 | 19°38'39 | 8♏ 0 | 25° 6 | 26° 5 | 29°25 | 18°34 | 17° 4 | 19°13 | 10°49 | 20°45 | 22°16 | 21°17 | 13°31 | 23°45 | T 10 |
| F 11 | 11 15 16 | 20°38'26 | 21°40 | 25°27 | 27°19 | 0♓12 | 18°33 | 17°10 | 19°17 | 10°48 | 20°46 | 22°12 | 21°14 | 13°38 | 23°49 | F 11 |
| S 12 | 11 19 13 | 21°38'11 | 5♐31 | 25°53 | 28°33 | 1° 0 | 18°32 | 17°17 | 19°20 | 10°47 | 20°46 | 22°10 | 21°11 | 13°45 | 23°53 | S 12 |
| S 13 | 11 23 9 | 22°37'55 | 19°31 | 26°24 | 29°47 | 1°47 | 18°30 | 17°23 | 19°24 | 10°46 | 20°46 | 22°D 9 | 21° 8 | 13°52 | 23°56 | S 13 |
| M14 | 11 27 6 | 23°37'37 | 3♑39 | 27° 0 | 1♓ 2 | 2°34 | 18°28 | 17°29 | 19°27 | 10°45 | 20°47 | 22° 9 | 21° 4 | 13°58 | 24° 0 | M14 |
| T 15 | 11 31 2 | 24°37'17 | 17°54 | 27°39 | 2°16 | 3°21 | 18°26 | 17°36 | 19°30 | 10°43 | 20°47 | 22°10 | 21° 1 | 14° 5 | 24° 3 | T 15 |
| W16 | 11 34 59 | 25°36'56 | 2♒13 | 28°23 | 3°30 | 4° 8 | 18°24 | 17°42 | 19°34 | 10°42 | 20°47 | 22°12 | 20°58 | 14°12 | 24° 7 | W16 |
| T 17 | 11 38 55 | 26°36'33 | 16°34 | 29°10 | 4°44 | 4°55 | 18°22 | 17°48 | 19°37 | 10°41 | 20°47 | 22°R13 | 20°55 | 14°18 | 24°10 | T 17 |
| F 18 | 11 42 52 | 27°36'08 | 0♓53 | 0♓ 0 | 5°58 | 5°42 | 18°20 | 17°54 | 19°41 | 10°40 | 20°48 | 22°13 | 20°52 | 14°25 | 24°13 | F 18 |
| S 19 | 11 46 48 | 28°35'41 | 15° 5 | 0°54 | 7°12 | 6°29 | 18°17 | 18° 0 | 19°44 | 10°39 | 20°48 | 22°11 | 20°49 | 14°32 | 24°16 | S 19 |
| S 20 | 11 50 45 | 29°35'12 | 29° 7 | 1°50 | 8°26 | 7°16 | 18°14 | 18° 6 | 19°48 | 10°38 | 20°48 | 22° 7 | 20°45 | 14°38 | 24°20 | S 20 |
| M21 | 11 54 42 | 0♈34'41 | 12♈54 | 2°49 | 9°40 | 8° 3 | 18°11 | 18°12 | 19°51 | 10°37 | 20°48 | 22° 2 | 20°42 | 14°45 | 24°23 | M21 |
| T 22 | 11 58 38 | 1°34'08 | 26°22 | 3°51 | 10°54 | 8°50 | 18° 8 | 18°18 | 19°54 | 10°36 | 20°48 | 21°55 | 20°39 | 14°52 | 24°26 | T 22 |
| W23 | 12 2 35 | 2°33'33 | 9♉30 | 4°56 | 12° 8 | 9°37 | 18° 5 | 18°24 | 19°58 | 10°35 | 20°R48 | 21°48 | 20°36 | 14°58 | 24°29 | W23 |
| T 24 | 12 6 31 | 3°32'55 | 22°18 | 6° 3 | 13°22 | 10°24 | 18° 1 | 18°30 | 20° 1 | 10°34 | 20°48 | 21°41 | 20°33 | 15° 5 | 24°31 | T 24 |
| F 25 | 12 10 28 | 4°32'15 | 4♊46 | 7°12 | 14°36 | 11°11 | 17°57 | 18°35 | 20° 4 | 10°34 | 20°48 | 21°36 | 20°29 | 15°12 | 24°34 | F 25 |
| S 26 | 12 14 24 | 5°31'33 | 16°58 | 8°24 | 15°50 | 11°58 | 17°54 | 18°41 | 20° 8 | 10°33 | 20°48 | 21°32 | 20°26 | 15°18 | 24°37 | S 26 |
| S 27 | 12 18 21 | 6°30'49 | 28°58 | 9°37 | 17° 4 | 12°45 | 17°50 | 18°47 | 20°11 | 10°32 | 20°48 | 21°30 | 20°23 | 15°25 | 24°40 | S 27 |
| M28 | 12 22 17 | 7°30'03 | 10♋49 | 10°53 | 18°19 | 13°32 | 17°45 | 18°52 | 20°14 | 10°31 | 20°48 | 21°D30 | 20°20 | 15°32 | 24°42 | M28 |
| T 29 | 12 26 14 | 8°29'14 | 22°39 | 12°10 | 19°33 | 14°19 | 17°41 | 18°58 | 20°18 | 10°30 | 20°48 | 21°31 | 20°17 | 15°38 | 24°45 | T 29 |
| W30 | 12 30 10 | 9°28'23 | 4♌31 | 13°30 | 20°47 | 15° 6 | 17°36 | 19° 3 | 20°21 | 10°30 | 20°47 | 21°32 | 20°14 | 15°45 | 24°47 | W30 |
| T 31 | 12 34 7 | 10♈27'29 | 16♌31 | 14♓51 | 22♓ 1 | 15♓53 | 17♏32 | 19♒ 9 | 20♓24 | 10♌29 | 20♐47 | 21°R33 | 20♌10 | 15♋52 | 24♑50 | 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 | 7s35 | 19n26 | 3s14 | 10s 4 | 2n51 | 17s 1 | 0s41 | 15s 8 | 1s 7 | 16s12 | 1n14 | 16s52 | 0s52 | 5s 9 | 0s44 | 17n34 | 0n 5 | 14s54 | 8n15 | 14n 2 | 14n16 | 19n38 | 14s57 | 6n37 |
| W 2 | 7 12 | 18 36 | 2 19 | 10 27 | 2 38 | 16 41 | 0 44 | 14 52 | 1 7 | 16 12 | 1 14 | 16 50 | 0 52 | 5 7 | 0 44 | 17 35 | 0 5 | 14 54 | 8 15 | 14 2 | 14 17 | 19 38 | 14 56 | 6 37 |
| T 3 | 6 49 | 16 55 | 1 17 | 10 49 | 2 25 | 16 21 | 0 46 | 14 37 | 1 7 | 16 12 | 1 14 | 16 48 | 0 52 | 5 6 | 0 44 | 17 35 | 0 6 | 14 54 | 8 15 | 14 1 | 14 18 | 19 38 | 14 55 | 6 38 |
| F 4 | 6 26 | 14 28 | 0 10 | 11 10 | 2 11 | 16 0 | 0 48 | 14 21 | 1 7 | 16 12 | 1 14 | 16 46 | 0 52 | 5 5 | 0 44 | 17 36 | 0 6 | 14 54 | 8 16 | 14 1 | 14 19 | 19 38 | 14 54 | 6 38 |
| S 5 | 6 3 | 11 19 | 0n57 | 11 28 | 1 57 | 15 39 | 0 50 | 14 5 | 1 7 | 16 12 | 1 15 | 16 44 | 0 52 | 5 3 | 0 44 | 17 36 | 0 6 | 14 54 | 8 16 | 14 1 | 14 20 | 19 38 | 14 53 | 6 38 |
| S 6 | 5 40 | 7 37 | 2 3 | 11 44 | 1 42 | 15 18 | 0 53 | 13 50 | 1 7 | 16 11 | 1 15 | 16 42 | 0 52 | 5 2 | 0 44 | 17 36 | 0 6 | 14 54 | 8 16 | 14 2 | 14 21 | 19 38 | 14 52 | 6 39 |
| M 7 | 5 17 | 3 30 | 3 4 | 11 58 | 1 28 | 14 56 | 0 55 | 13 34 | 1 7 | 16 11 | 1 15 | 16 40 | 0 52 | 5 1 | 0 44 | 17 37 | 0 6 | 14 54 | 8 16 | 14 3 | 14 22 | 19 38 | 14 51 | 6 39 |
| T 8 | 4 53 | 0s50 | 3 57 | 12 9 | 1 14 | 14 33 | 0 57 | 13 17 | 1 7 | 16 11 | 1 15 | 16 38 | 0 53 | 4 59 | 0 44 | 17 37 | 0 6 | 14 54 | 8 16 | 14 4 | 14 23 | 19 38 | 14 50 | 6 40 |
| W 9 | 4 30 | 5 13 | 4 38 | 12 19 | 1 0 | 14 11 | 0 59 | 13 1 | 1 8 | 16 10 | 1 15 | 16 36 | 0 53 | 4 58 | 0 44 | 17 37 | 0 6 | 14 53 | 8 17 | 14 5 | 14 24 | 19 38 | 14 49 | 6 40 |
| T 10 | 4 6 | 9 24 | 5 4 | 12 26 | 0 47 | 13 47 | 1 1 | 12 45 | 1 8 | 16 10 | 1 15 | 16 35 | 0 53 | 4 57 | 0 44 | 17 38 | 0 6 | 14 53 | 8 17 | 14 7 | 14 25 | 19 38 | 14 48 | 6 41 |
| F 11 | 3 43 | 13 9 | 5 13 | 12 32 | 0 33 | 13 24 | 1 3 | 12 28 | 1 8 | 16 9 | 1 16 | 16 33 | 0 53 | 4 55 | 0 44 | 17 38 | 0 6 | 14 53 | 8 17 | 14 8 | 14 26 | 19 38 | 14 47 | 6 41 |
| S 12 | 3 19 | 16 15 | 5 5 | 12 35 | 0 20 | 13 0 | 1 4 | 12 11 | 1 8 | 16 9 | 1 16 | 16 31 | 0 53 | 4 54 | 0 44 | 17 38 | 0 6 | 14 53 | 8 17 | 14 8 | 14 27 | 19 39 | 14 46 | 6 41 |
| S 13 | 2 56 | 18 26 | 4 39 | 12 36 | 0 8 | 12 36 | 1 6 | 11 55 | 1 8 | 16 8 | 1 16 | 16 29 | 0 53 | 4 53 | 0 44 | 17 39 | 0 6 | 14 53 | 8 17 | 14 9 | 14 28 | 19 39 | 14 45 | 6 42 |
| M14 | 2 32 | 19 30 | 3 55 | 12 36 | 0s 4 | 12 11 | 1 8 | 11 38 | 1 8 | 16 8 | 1 16 | 16 27 | 0 53 | 4 51 | 0 44 | 17 39 | 0 6 | 14 53 | 8 17 | 14 9 | 14 29 | 19 39 | 14 44 | 6 42 |
| T 15 | 2 8 | 19 21 | 2 57 | 12 33 | 0 16 | 11 46 | 1 10 | 11 21 | 1 8 | 16 7 | 1 16 | 16 26 | 0 53 | 4 50 | 0 44 | 17 39 | 0 6 | 14 52 | 8 18 | 14 8 | 14 30 | 19 39 | 14 43 | 6 43 |
| W16 | 1 45 | 17 57 | 1 47 | 12 29 | 0 27 | 11 21 | 1 11 | 11 4 | 1 8 | 16 6 | 1 16 | 16 24 | 0 53 | 4 49 | 0 44 | 17 40 | 0 6 | 14 52 | 8 18 | 14 8 | 14 32 | 19 39 | 14 42 | 6 43 |
| T 17 | 1 21 | 15 24 | 0 31 | 12 22 | 0 38 | 10 55 | 1 13 | 10 46 | 1 8 | 16 6 | 1 16 | 16 22 | 0 54 | 4 47 | 0 44 | 17 40 | 0 6 | 14 52 | 8 18 | 14 7 | 14 33 | 19 39 | 14 41 | 6 44 |
| F 18 | 0 57 | 11 55 | 0s47 | 12 14 | 0 48 | 10 29 | 1 14 | 10 29 | 1 8 | 16 5 | 1 17 | 16 20 | 0 54 | 4 46 | 0 44 | 17 40 | 0 6 | 14 52 | 8 18 | 14 7 | 14 34 | 19 39 | 14 40 | 6 44 |
| S 19 | 0 34 | 7 45 | 2 2 | 12 5 | 0 58 | 10 3 | 1 16 | 10 12 | 1 8 | 16 4 | 1 17 | 16 18 | 0 54 | 4 45 | 0 44 | 17 41 | 0 6 | 14 52 | 8 18 | 14 8 | 14 35 | 19 39 | 14 39 | 6 45 |
| S 20 | 0 10 | 3 13 | 3 7 | 11 53 | 1 8 | 9 36 | 1 17 | 9 54 | 1 8 | 16 3 | 1 17 | 16 17 | 0 54 | 4 43 | 0 44 | 17 41 | 0 6 | 14 52 | 8 18 | 14 9 | 14 36 | 19 39 | 14 38 | 6 45 |
| M21 | 0n14 | 1n24 | 4 1 | 11 40 | 1 16 | 9 10 | 1 18 | 9 37 | 1 8 | 16 2 | 1 17 | 16 15 | 0 54 | 4 42 | 0 44 | 17 41 | 0 6 | 14 51 | 8 19 | 14 11 | 14 37 | 19 39 | 14 37 | 6 46 |
| T 22 | 0 37 | 5 50 | 4 40 | 11 25 | 1 25 | 8 43 | 1 20 | 9 19 | 1 8 | 16 1 | 1 17 | 16 13 | 0 54 | 4 41 | 0 44 | 17 41 | 0 6 | 14 51 | 8 19 | 14 13 | 14 38 | 19 39 | 14 36 | 6 46 |
| W23 | 1 1 | 9 53 | 5 3 | 11 9 | 1 33 | 8 16 | 1 21 | 9 1 | 1 8 | 16 0 | 1 17 | 16 12 | 0 54 | 4 39 | 0 44 | 17 42 | 0 6 | 14 51 | 8 19 | 14 15 | 14 39 | 19 39 | 14 35 | 6 47 |
| T 24 | 1 25 | 13 22 | 5 10 | 10 51 | 1 40 | 7 48 | 1 22 | 8 43 | 1 8 | 15 59 | 1 17 | 16 10 | 0 54 | 4 38 | 0 44 | 17 42 | 0 6 | 14 51 | 8 19 | 14 18 | 14 40 | 19 39 | 14 34 | 6 47 |
| F 25 | 1 48 | 16 10 | 5 2 | 10 32 | 1 47 | 7 21 | 1 23 | 8 26 | 1 8 | 15 58 | 1 17 | 16 8 | 0 55 | 4 37 | 0 44 | 17 42 | 0 6 | 14 51 | 8 19 | 14 19 | 14 41 | 19 39 | 14 33 | 6 48 |
| S 26 | 2 12 | 18 11 | 4 40 | 10 11 | 1 53 | 6 53 | 1 24 | 8 8 | 1 8 | 15 57 | 1 18 | 16 7 | 0 55 | 4 35 | 0 44 | 17 42 | 0 6 | 14 51 | 8 20 | 14 21 | 14 42 | 19 39 | 14 32 | 6 48 |
| S 27 | 2 35 | 19 22 | 4 6 | 9 48 | 1 59 | 6 25 | 1 25 | 7 50 | 1 8 | 15 55 | 1 18 | 16 5 | 0 55 | 4 34 | 0 44 | 17 43 | 0 6 | 14 50 | 8 20 | 14 21 | 14 43 | 19 39 | 14 31 | 6 49 |
| M28 | 2 59 | 19 40 | 3 22 | 9 25 | 2 4 | 5 56 | 1 26 | 7 31 | 1 8 | 15 54 | 1 18 | 16 3 | 0 55 | 4 33 | 0 44 | 17 43 | 0 6 | 14 50 | 8 20 | 14 21 | 14 44 | 19 38 | 14 30 | 6 49 |
| T 29 | 3 22 | 19 6 | 2 30 | 8 59 | 2 9 | 5 28 | 1 26 | 7 13 | 1 8 | 15 53 | 1 18 | 16 2 | 0 55 | 4 31 | 0 44 | 17 43 | 0 6 | 14 50 | 8 20 | 14 21 | 14 45 | 19 38 | 14 29 | 6 50 |
| W30 | 3 45 | 17 41 | 1 31 | 8 33 | 2 13 | 5 0 | 1 27 | 6 55 | 1 8 | 15 51 | 1 18 | 16 0 | 0 55 | 4 30 | 0 44 | 17 43 | 0 6 | 14 50 | 8 20 | 14 21 | 14 46 | 19 38 | 14 28 | 6 50 |
| T 31 | 4n 9 | 15n28 | 0s27 | 8s 5 | 2s17 | 4s31 | 1s28 | 6s37 | 1s 8 | 15s50 | 1n18 | 15s59 | 0s55 | 4s29 | 0s44 | 17n43 | 0n 6 | 14s50 | 8n20 | 14n20 | 14n47 | 19n38 | 14s27 | 6n51 |

Julian Day Number = 2362850.5, Delta T = 18.06 sec
Ecliptic obliquity = 23°28'08, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°21'00, Lahiri = 20°28'01Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1757
# geocentric

## APRIL 1757 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 12 38 4 | 11♈26'33 | 28♌43 | 16♓14 | 23♓15 | 16♓40 | 17°R27 | 19♒14 | 20♓28 | 10°R28 | 20°R47 | 21°R33 | 20♌ 7 | 15♋58 | 24♑52 | F 1 |
| S 2 | 12 42 0 | 12°25'35 | 11♍10 | 17°39 | 24°29 | 17°27 | 17♏22 | 19°19 | 20°31 | 10♌28 | 20♐47 | 21♌31 | 20° 4 | 16° 5 | 24°54 | S 2 |
| S 3 | 12 45 57 | 13°24'35 | 23°57 | 19° 5 | 25°43 | 18°13 | 17°17 | 19°24 | 20°34 | 10°27 | 20°46 | 21°27 | 20° 1 | 16°12 | 24°57 | S 3 |
| M 4 | 12 49 53 | 14°23'32 | 7♎ 2 | 20°33 | 26°57 | 19° 0 | 17°12 | 19°29 | 20°37 | 10°27 | 20°46 | 21°20 | 19°58 | 16°18 | 24°59 | M 4 |
| T 5 | 12 53 50 | 15°22'28 | 20°27 | 22° 3 | 28°11 | 19°47 | 17° 6 | 19°35 | 20°40 | 10°26 | 20°46 | 21°12 | 19°54 | 16°25 | 25° 1 | T 5 |
| W 6 | 12 57 46 | 16°21'21 | 4♏ 8 | 23°34 | 29°24 | 20°34 | 17° 1 | 19°40 | 20°44 | 10°26 | 20°45 | 21° 3 | 19°51 | 16°32 | 25° 3 | W 6 |
| T 7 | 13 1 43 | 17°20'13 | 18° 3 | 25° 7 | 0♈38 | 21°21 | 16°55 | 19°44 | 20°47 | 10°25 | 20°45 | 20°54 | 19°48 | 16°38 | 25° 5 | T 7 |
| F 8 | 13 5 39 | 18°19'03 | 2♐ 8 | 26°42 | 1°52 | 22° 7 | 16°49 | 19°49 | 20°50 | 10°25 | 20°44 | 20°46 | 19°45 | 16°45 | 25° 6 | F 8 |
| S 9 | 13 9 36 | 19°17'51 | 16°17 | 28°18 | 3° 6 | 22°54 | 16°43 | 19°54 | 20°53 | 10°24 | 20°44 | 20°39 | 19°42 | 16°52 | 25° 8 | S 9 |
| S 10 | 13 13 33 | 20°16'37 | 0♑29 | 29°56 | 4°20 | 23°41 | 16°37 | 19°59 | 20°56 | 10°24 | 20°43 | 20°35 | 19°39 | 16°58 | 25°10 | S 10 |
| M11 | 13 17 29 | 21°15'22 | 14°40 | 1♈35 | 5°34 | 24°27 | 16°31 | 20° 3 | 20°59 | 10°24 | 20°43 | 20°34 | 19°35 | 17° 5 | 25°11 | M11 |
| T 12 | 13 21 26 | 22°14'05 | 28°47 | 3°16 | 6°48 | 25°14 | 16°25 | 20° 8 | 21° 2 | 10°23 | 20°42 | 20°D34 | 19°32 | 17°12 | 25°13 | T 12 |
| W13 | 13 25 22 | 23°12'46 | 12♒51 | 4°58 | 8° 2 | 26° 1 | 16°18 | 20°13 | 21° 5 | 10°23 | 20°41 | 20°34 | 19°29 | 17°18 | 25°14 | W13 |
| T 14 | 13 29 19 | 24°11'26 | 26°50 | 6°42 | 9°16 | 26°47 | 16°12 | 20°17 | 21° 8 | 10°23 | 20°41 | 20°R34 | 19°26 | 17°25 | 25°16 | T 14 |
| F 15 | 13 33 15 | 25°10'03 | 10♓44 | 8°28 | 10°30 | 27°34 | 16° 5 | 20°21 | 21°11 | 10°23 | 20°40 | 20°33 | 19°23 | 17°32 | 25°17 | F 15 |
| S 16 | 13 37 12 | 26° 8'40 | 24°29 | 10°16 | 11°44 | 28°20 | 15°59 | 20°26 | 21°14 | 10°22 | 20°39 | 20°28 | 19°20 | 17°38 | 25°18 | S 16 |
| S 17 | 13 41 8 | 27° 7'14 | 8♈ 6 | 12° 4 | 12°58 | 29° 7 | 15°52 | 20°30 | 21°17 | 10°22 | 20°38 | 20°22 | 19°16 | 17°45 | 25°19 | S 17 |
| M18 | 13 45 5 | 28° 5'46 | 21°31 | 13°55 | 14°12 | 29°53 | 15°45 | 20°34 | 21°20 | 10°22 | 20°38 | 20°12 | 19°13 | 17°52 | 25°21 | M18 |
| T 19 | 13 49 2 | 29° 4'17 | 4♉43 | 15°47 | 15°26 | 0♈40 | 15°38 | 20°38 | 21°23 | 10°22 | 20°37 | 20° 1 | 19°10 | 17°58 | 25°22 | T 19 |
| W20 | 13 52 58 | 0♉ 2'46 | 17°39 | 17°41 | 16°40 | 1°26 | 15°31 | 20°42 | 21°26 | 10°22 | 20°36 | 19°49 | 19° 7 | 18° 5 | 25°22 | W20 |
| T 21 | 13 56 55 | 1° 1'12 | 0♊18 | 19°37 | 17°54 | 2°12 | 15°24 | 20°46 | 21°29 | 10°D22 | 20°35 | 19°37 | 19° 4 | 18°12 | 25°23 | T 21 |
| F 22 | 14 0 51 | 1°59'37 | 12°42 | 21°34 | 19° 7 | 2°59 | 15°16 | 20°50 | 21°32 | 10°22 | 20°34 | 19°27 | 19° 0 | 18°18 | 25°24 | F 22 |
| S 23 | 14 4 48 | 2°58'00 | 24°51 | 23°33 | 20°21 | 3°45 | 15° 9 | 20°53 | 21°34 | 10°22 | 20°33 | 19°19 | 18°57 | 18°25 | 25°25 | S 23 |
| S 24 | 14 8 44 | 3°56'21 | 6♋50 | 25°33 | 21°35 | 4°31 | 15° 2 | 20°57 | 21°37 | 10°22 | 20°32 | 19°13 | 18°54 | 18°32 | 25°25 | S 24 |
| M25 | 14 12 41 | 4°54'40 | 18°41 | 27°35 | 22°49 | 5°17 | 14°54 | 21° 1 | 21°40 | 10°22 | 20°32 | 19°10 | 18°51 | 18°38 | 25°26 | M25 |
| T 26 | 14 16 37 | 5°52'56 | 0♌30 | 29°38 | 24° 3 | 6° 3 | 14°47 | 21° 4 | 21°43 | 10°22 | 20°31 | 19° 9 | 18°48 | 18°45 | 25°26 | T 26 |
| W27 | 14 20 34 | 6°51'11 | 12°21 | 1♉43 | 25°17 | 6°50 | 14°39 | 21° 7 | 21°45 | 10°23 | 20°30 | 19° 9 | 18°45 | 18°52 | 25°27 | W27 |
| T 28 | 14 24 31 | 7°49'23 | 24°21 | 3°49 | 26°31 | 7°36 | 14°32 | 21°11 | 21°48 | 10°23 | 20°29 | 19° 9 | 18°41 | 18°58 | 25°27 | T 28 |
| F 29 | 14 28 27 | 8°47'34 | 6♍35 | 5°56 | 27°44 | 8°22 | 14°24 | 21°14 | 21°50 | 10°23 | 20°27 | 19° 8 | 18°38 | 19° 5 | 25°27 | F 29 |
| S 30 | 14 32 24 | 9♉45'42 | 19♍ 6 | 8♉ 4 | 28♈58 | 9♈ 8 | 14♏17 | 21♒17 | 21♓53 | 10♌23 | 20♐26 | 19♌ 5 | 18♌35 | 19♋12 | 25♑27 | 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 | |
| F 1 | 4n32 | 12n32 | 0n39 | 7s36 | 2s21 | 4s 2 | 1s28 | 6s19 | 1s 8 | 15s49 | 1n18 | 15s57 | 0s56 | 4s28 | 0s44 | 17n44 | 0n 6 | 14s50 | 8n21 | 14n20 | 14n48 | 19n38 | 14s26 | 6n51 | |
| S 2 | 4 55 | 8 59 | 1 44 | 7 5 | 2 24 | 3 33 | 1 29 | 6 0 | 1 8 | 15 47 | 1 18 | 15 56 | 0 56 | 4 26 | 0 44 | 17 44 | 0 6 | 14 49 | 8 21 | 14 21 | 14 49 | 19 38 | 14 25 | 6 52 | |
| S 3 | 5 18 | 4 56 | 2 45 | 6 34 | 2 26 | 3 4 | 1 29 | 5 42 | 1 7 | 15 46 | 1 18 | 15 54 | 0 56 | 4 25 | 0 44 | 17 44 | 0 6 | 14 49 | 8 21 | 14 22 | 14 50 | 19 38 | 14 24 | 6 52 | |
| M 4 | 5 41 | 0 34 | 3 39 | 6 1 | 2 28 | 2 35 | 1 30 | 5 23 | 1 7 | 15 44 | 1 18 | 15 53 | 0 56 | 4 24 | 0 44 | 17 44 | 0 6 | 14 49 | 8 21 | 14 24 | 14 51 | 19 38 | 14 23 | 6 53 | |
| T 5 | 6 4 | 3s56 | 4 23 | 5 27 | 2 29 | 2 6 | 1 30 | 5 5 | 1 7 | 15 42 | 1 19 | 15 51 | 0 56 | 4 22 | 0 44 | 17 44 | 0 6 | 14 49 | 8 21 | 14 27 | 14 52 | 19 38 | 14 23 | 6 53 | |
| W 6 | 6 26 | 8 20 | 4 52 | 4 51 | 2 30 | 1 37 | 1 30 | 4 46 | 1 7 | 15 41 | 1 19 | 15 50 | 0 56 | 4 21 | 0 44 | 17 44 | 0 6 | 14 49 | 8 21 | 14 30 | 14 53 | 19 38 | 14 22 | 6 54 | |
| T 7 | 6 49 | 12 21 | 5 5 | 4 15 | 2 30 | 1 7 | 1 30 | 4 28 | 1 7 | 15 39 | 1 19 | 15 48 | 0 56 | 4 20 | 0 44 | 17 45 | 0 6 | 14 48 | 8 21 | 14 33 | 14 54 | 19 38 | 14 21 | 6 54 | |
| F 8 | 7 11 | 15 43 | 4 59 | 3 37 | 2 30 | 0 38 | 1 30 | 4 9 | 1 7 | 15 37 | 1 19 | 15 47 | 0 57 | 4 19 | 0 44 | 17 45 | 0 6 | 14 48 | 8 22 | 14 35 | 14 55 | 19 38 | 14 20 | 6 55 | |
| S 9 | 7 34 | 18 12 | 4 36 | 2 58 | 2 30 | 0 9 | 1 30 | 3 51 | 1 7 | 15 36 | 1 19 | 15 46 | 0 57 | 4 18 | 0 44 | 17 45 | 0 6 | 14 48 | 8 22 | 14 37 | 14 56 | 19 38 | 14 19 | 6 56 | |
| S 10 | 7 56 | 19 33 | 3 55 | 2 18 | 2 28 | 0n21 | 1 30 | 3 32 | 1 7 | 15 34 | 1 19 | 15 44 | 0 57 | 4 16 | 0 44 | 17 45 | 0 6 | 14 48 | 8 22 | 14 39 | 14 57 | 19 38 | 14 18 | 6 56 | |
| M11 | 8 18 | 19 41 | 3 0 | 1 37 | 2 27 | 0 50 | 1 30 | 3 13 | 1 6 | 15 32 | 1 19 | 15 43 | 0 57 | 4 15 | 0 44 | 17 45 | 0 6 | 14 48 | 8 22 | 14 39 | 14 58 | 19 38 | 14 17 | 6 57 | |
| T 12 | 8 40 | 18 34 | 1 54 | 0 55 | 2 25 | 1 20 | 1 30 | 2 55 | 1 6 | 15 30 | 1 19 | 15 42 | 0 57 | 4 14 | 0 44 | 17 45 | 0 6 | 14 48 | 8 22 | 14 39 | 14 59 | 19 38 | 14 17 | 6 57 | |
| W13 | 9 2 | 16 19 | 0 41 | 0 12 | 2 22 | 1 49 | 1 30 | 2 36 | 1 6 | 15 28 | 1 19 | 15 40 | 0 57 | 4 13 | 0 44 | 17 45 | 0 6 | 14 47 | 8 22 | 14 39 | 15 0 | 19 37 | 14 16 | 6 58 | |
| T 14 | 9 24 | 13 6 | 0s33 | 0n33 | 2 19 | 2 18 | 1 29 | 2 17 | 1 6 | 15 27 | 1 19 | 15 39 | 0 57 | 4 12 | 0 44 | 17 45 | 0 6 | 14 47 | 8 22 | 14 39 | 15 1 | 19 37 | 14 15 | 6 58 | |
| F 15 | 9 45 | 9 11 | 1 45 | 1 18 | 2 15 | 2 48 | 1 29 | 1 59 | 1 6 | 15 25 | 1 19 | 15 38 | 0 58 | 4 10 | 0 44 | 17 45 | 0 6 | 14 47 | 8 23 | 14 40 | 15 2 | 19 37 | 14 14 | 6 59 | |
| S 16 | 10 6 | 4 48 | 2 50 | 2 4 | 2 11 | 3 17 | 1 29 | 1 40 | 1 6 | 15 23 | 1 19 | 15 37 | 0 58 | 4 9 | 0 44 | 17 45 | 0 6 | 14 47 | 8 23 | 14 41 | 15 3 | 19 37 | 14 13 | 6 59 | |
| S 17 | 10 28 | 0 13 | 3 45 | 2 51 | 2 6 | 3 46 | 1 28 | 1 21 | 1 5 | 15 21 | 1 19 | 15 35 | 0 58 | 4 8 | 0 44 | 17 45 | 0 6 | 14 47 | 8 23 | 14 43 | 15 4 | 19 37 | 14 13 | 7 0 | |
| M18 | 10 49 | 4n18 | 4 26 | 3 38 | 2 1 | 4 16 | 1 28 | 1 3 | 1 5 | 15 19 | 1 19 | 15 34 | 0 58 | 4 7 | 0 44 | 17 45 | 0 6 | 14 46 | 8 23 | 14 46 | 15 5 | 19 37 | 14 12 | 7 1 | |
| T 19 | 11 9 | 8 32 | 4 52 | 4 27 | 1 55 | 4 45 | 1 27 | 0 44 | 1 5 | 15 17 | 1 19 | 15 33 | 0 58 | 4 6 | 0 44 | 17 46 | 0 6 | 14 46 | 8 23 | 14 50 | 15 6 | 19 37 | 14 11 | 7 1 | |
| W20 | 11 30 | 12 17 | 5 2 | 5 16 | 1 49 | 5 14 | 1 26 | 0 25 | 1 5 | 15 15 | 1 19 | 15 32 | 0 58 | 4 5 | 0 44 | 17 46 | 0 6 | 14 46 | 8 23 | 14 53 | 15 7 | 19 37 | 14 11 | 7 2 | |
| T 21 | 11 51 | 15 24 | 4 57 | 6 6 | 1 42 | 5 43 | 1 26 | 0 7 | 1 4 | 15 12 | 1 19 | 15 31 | 0 59 | 4 4 | 0 44 | 17 46 | 0 6 | 14 46 | 8 23 | 14 57 | 15 8 | 19 37 | 14 10 | 7 2 | |
| F 22 | 12 11 | 17 45 | 4 38 | 6 57 | 1 35 | 6 11 | 1 25 | 0n12 | 1 4 | 15 10 | 1 19 | 15 30 | 0 59 | 4 3 | 0 44 | 17 46 | 0 6 | 14 46 | 8 23 | 15 0 | 15 9 | 19 36 | 14 9 | 7 3 | |
| S 23 | 12 31 | 19 16 | 4 7 | 7 48 | 1 27 | 6 40 | 1 24 | 0 31 | 1 4 | 15 8 | 1 19 | 15 29 | 0 59 | 4 2 | 0 44 | 17 46 | 0 6 | 14 46 | 8 24 | 15 3 | 15 10 | 19 36 | 14 8 | 7 3 | |
| S 24 | 12 51 | 19 53 | 3 25 | 8 40 | 1 19 | 7 9 | 1 23 | 0 49 | 1 4 | 15 6 | 1 19 | 15 28 | 0 59 | 4 0 | 0 44 | 17 46 | 0 6 | 14 45 | 8 24 | 15 5 | 15 11 | 19 36 | 14 8 | 7 4 | |
| M25 | 13 10 | 19 37 | 2 34 | 9 32 | 1 11 | 7 37 | 1 22 | 1 8 | 1 3 | 15 4 | 1 19 | 15 27 | 0 59 | 3 59 | 0 44 | 17 46 | 0 6 | 14 45 | 8 24 | 15 6 | 15 12 | 19 36 | 14 7 | 7 5 | |
| T 26 | 13 30 | 18 29 | 1 37 | 10 24 | 1 2 | 8 5 | 1 21 | 1 26 | 1 3 | 15 2 | 1 19 | 15 26 | 0 59 | 3 58 | 0 44 | 17 45 | 0 6 | 14 45 | 8 24 | 15 6 | 15 13 | 19 36 | 14 7 | 7 5 | |
| W27 | 13 49 | 16 32 | 0 36 | 11 16 | 0 52 | 8 33 | 1 20 | 1 45 | 1 3 | 15 0 | 1 19 | 15 25 | 0 59 | 3 57 | 0 44 | 17 45 | 0 6 | 14 45 | 8 24 | 15 6 | 15 14 | 19 36 | 14 6 | 7 6 | |
| T 28 | 14 8 | 13 51 | 0n28 | 12 8 | 0 43 | 9 1 | 1 19 | 2 3 | 1 3 | 14 58 | 1 19 | 15 24 | 1 0 | 3 56 | 0 44 | 17 45 | 0 6 | 14 45 | 8 24 | 15 6 | 15 15 | 19 36 | 14 5 | 7 6 | |
| F 29 | 14 27 | 10 31 | 1 31 | 13 0 | 0 33 | 9 29 | 1 17 | 2 22 | 1 2 | 14 55 | 1 19 | 15 23 | 1 0 | 3 55 | 0 45 | 17 45 | 0 6 | 14 45 | 8 24 | 15 6 | 15 16 | 19 35 | 14 5 | 7 7 | |
| S 30 | 14n45 | 6n38 | 2n32 | 13n52 | 0s22 | 9n56 | 1s16 | 2n40 | 1s 2 | 14s53 | 1n19 | 15s22 | 1s 0 | 3s54 | 0s45 | 17n45 | 0n 6 | 14s44 | 8n24 | 15n 7 | 15n17 | 19n35 | 14s 4 | 7n 7 | |

Julian Day Number = 2362881.5, Delta T = 18.09 sec
Ecliptic obliquity = 23°28'09, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°21'04, Lahiri = 20°28'05Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1757
# geocentric

## MAY 1757 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 14 36 20 | 10♉43'49 | 2♎ 0 | 10♉13 | 0♉12 | 9♈54 | 14°R 9 | 21♒20 | 21♓56 | 10♌24 | 20°R25 | 18°R59 | 18♌32 | 19♋18 | 25°R27 | S 1 |
| M 2 | 14 40 17 | 11°41'54 | 15°18 | 12°22 | 1°26 | 10°40 | 14♏ 2 | 21°23 | 21°58 | 10°24 | 20♐24 | 18♌51 | 18°29 | 19°25 | 25♑27 | M 2 |
| T 3 | 14 44 13 | 12°39'56 | 29° 1 | 14°32 | 2°40 | 11°26 | 13°54 | 21°26 | 22° 1 | 10°24 | 20°23 | 18°41 | 18°25 | 19°32 | 25°27 | T 3 |
| W 4 | 14 48 10 | 13°37'58 | 13♏ 4 | 16°43 | 3°53 | 12°11 | 13°46 | 21°29 | 22° 3 | 10°25 | 20°22 | 18°29 | 18°22 | 19°38 | 25°27 | W 4 |
| T 5 | 14 52 6 | 14°35'57 | 27°25 | 18°53 | 5° 7 | 12°57 | 13°39 | 21°31 | 22° 5 | 10°25 | 20°21 | 18°18 | 18°19 | 19°45 | 25°27 | T 5 |
| F 6 | 14 56 3 | 15°33'55 | 11♐57 | 21° 3 | 6°21 | 13°43 | 13°31 | 21°34 | 22° 8 | 10°26 | 20°19 | 18° 7 | 18°16 | 19°52 | 25°27 | F 6 |
| S 7 | 14 59 59 | 16°31'52 | 26°32 | 23°12 | 7°35 | 14°29 | 13°23 | 21°36 | 22°10 | 10°26 | 20°18 | 17°59 | 18°13 | 19°58 | 25°26 | S 7 |
| S 8 | 15 3 56 | 17°29'47 | 11♑ 4 | 25°20 | 8°48 | 15°14 | 13°16 | 21°39 | 22°12 | 10°27 | 20°17 | 17°54 | 18°10 | 20° 5 | 25°26 | S 8 |
| M 9 | 15 7 53 | 18°27'41 | 25°29 | 27°27 | 10° 2 | 16° 0 | 13° 8 | 21°41 | 22°15 | 10°27 | 20°16 | 17°51 | 18° 6 | 20°12 | 25°25 | M 9 |
| T 10 | 15 11 49 | 19°25'34 | 9♒42 | 29°32 | 11°16 | 16°46 | 13° 1 | 21°43 | 22°17 | 10°28 | 20°14 | 17°50 | 18° 3 | 20°18 | 25°25 | T 10 |
| W11 | 15 15 46 | 20°23'25 | 23°44 | 1♊36 | 12°30 | 17°31 | 12°53 | 21°46 | 22°19 | 10°29 | 20°13 | 17°50 | 18° 0 | 20°25 | 25°24 | W11 |
| T 12 | 15 19 42 | 21°21'16 | 7♓32 | 3°38 | 13°43 | 18°17 | 12°46 | 21°48 | 22°21 | 10°29 | 20°12 | 17°49 | 17°57 | 20°32 | 25°23 | T 12 |
| F 13 | 15 23 39 | 22°19'05 | 21° 9 | 5°37 | 14°57 | 19° 2 | 12°38 | 21°50 | 22°23 | 10°30 | 20°10 | 17°47 | 17°54 | 20°38 | 25°22 | F 13 |
| S 14 | 15 27 35 | 23°16'53 | 4♈34 | 7°34 | 16°11 | 19°48 | 12°31 | 21°51 | 22°25 | 10°31 | 20° 9 | 17°42 | 17°51 | 20°45 | 25°22 | S 14 |
| S 15 | 15 31 32 | 24°14'39 | 17°48 | 9°29 | 17°25 | 20°33 | 12°23 | 21°53 | 22°27 | 10°32 | 20° 8 | 17°35 | 17°47 | 20°52 | 25°21 | S 15 |
| M16 | 15 35 28 | 25°12'25 | 0♉51 | 11°21 | 18°38 | 21°18 | 12°16 | 21°55 | 22°29 | 10°32 | 20° 6 | 17°25 | 17°44 | 20°58 | 25°20 | M16 |
| T 17 | 15 39 25 | 26°10'09 | 13°42 | 13°10 | 19°52 | 22° 4 | 12° 9 | 21°56 | 22°31 | 10°33 | 20° 5 | 17°12 | 17°41 | 21° 5 | 25°18 | T 17 |
| W18 | 15 43 22 | 27° 7'52 | 26°20 | 14°56 | 21° 6 | 22°49 | 12° 1 | 21°58 | 22°33 | 10°34 | 20° 4 | 16°59 | 17°38 | 21°11 | 25°17 | W18 |
| T 19 | 15 47 18 | 28° 5'34 | 8♊46 | 16°39 | 22°20 | 23°34 | 11°54 | 21°59 | 22°35 | 10°35 | 20° 2 | 16°47 | 17°35 | 21°18 | 25°16 | T 19 |
| F 20 | 15 51 15 | 29° 3'14 | 21° 0 | 18°19 | 23°33 | 24°19 | 11°47 | 22° 1 | 22°37 | 10°36 | 20° 1 | 16°35 | 17°31 | 21°25 | 25°15 | F 20 |
| S 21 | 15 55 11 | 0♊ 0'53 | 3♋ 3 | 19°56 | 24°47 | 25° 4 | 11°40 | 22° 2 | 22°39 | 10°37 | 19°59 | 16°26 | 17°28 | 21°31 | 25°13 | S 21 |
| S 22 | 15 59 8 | 0°58'31 | 14°58 | 21°30 | 26° 1 | 25°49 | 11°33 | 22° 3 | 22°40 | 10°38 | 19°58 | 16°20 | 17°25 | 21°38 | 25°12 | S 22 |
| M23 | 16 3 4 | 1°56'07 | 26°46 | 23° 1 | 27°15 | 26°34 | 11°27 | 22° 4 | 22°42 | 10°39 | 19°56 | 16°16 | 17°22 | 21°45 | 25°10 | M23 |
| T 24 | 16 7 1 | 2°53'42 | 8♌34 | 24°29 | 28°28 | 27°19 | 11°20 | 22° 5 | 22°44 | 10°40 | 19°55 | 16°14 | 17°19 | 21°51 | 25° 9 | T 24 |
| W25 | 16 10 58 | 3°51'16 | 20°24 | 25°53 | 29°42 | 28° 4 | 11°13 | 22° 6 | 22°45 | 10°41 | 19°53 | 16°D14 | 17°16 | 21°58 | 25° 7 | W25 |
| T 26 | 16 14 54 | 4°48'48 | 2♍23 | 27°14 | 0♊56 | 28°49 | 11° 7 | 22° 6 | 22°47 | 10°42 | 19°52 | 16°R14 | 17°12 | 22° 5 | 25° 5 | T 26 |
| F 27 | 16 18 51 | 5°46'18 | 14°35 | 28°32 | 2° 9 | 29°34 | 11° 0 | 22° 7 | 22°48 | 10°43 | 19°50 | 16°14 | 17° 9 | 22°11 | 25° 3 | F 27 |
| S 28 | 16 22 47 | 6°43'48 | 27° 7 | 29°46 | 3°23 | 0♉18 | 10°54 | 22° 7 | 22°50 | 10°44 | 19°49 | 16°12 | 17° 6 | 22°18 | 25° 2 | S 28 |
| S 29 | 16 26 44 | 7°41'16 | 10♎ 2 | 0♋57 | 4°37 | 1° 3 | 10°48 | 22° 8 | 22°51 | 10°46 | 19°47 | 16° 8 | 17° 3 | 22°25 | 25° 0 | S 29 |
| M30 | 16 30 40 | 8°38'42 | 23°23 | 2° 5 | 5°51 | 1°48 | 10°42 | 22° 8 | 22°53 | 10°47 | 19°46 | 16° 2 | 17° 0 | 22°31 | 24°58 | M30 |
| T 31 | 16 34 37 | 9♊36'08 | 7♏13 | 3♋ 8 | 7♊ 4 | 2♉32 | 10♏36 | 22♒ 8 | 22♓54 | 10♌48 | 19♐44 | 15♌54 | 16♌57 | 22♋38 | 24♑56 | 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 |
| S 1 | 15n 4 | 2n21 | 3n26 | 14n42 | 0s12 | 10n23 | 1s15 | 2n59 | 1s 2 | 14s51 | 1n19 | 15s21 | 1s 0 | 3s53 | 0s45 | 17n45 | 0n 6 | 14s44 | 8n24 | 15n 9 | 15n17 | 19n35 | 14s 4 | 7n 8 |
| M 2 | 15 22 | 2s10 | 4 11 | 15 33 | 0 2 | 10 50 | 1 13 | 3 17 | 1 1 | 14 49 | 1 19 | 15 21 | 1 0 | 3 52 | 0 45 | 17 45 | 0 6 | 14 44 | 8 24 | 15 11 | 15 18 | 19 35 | 14 3 | 7 8 |
| T 3 | 15 40 | 6 43 | 4 43 | 16 22 | 0n 9 | 11 17 | 1 12 | 3 35 | 1 1 | 14 47 | 1 19 | 15 20 | 1 1 | 3 51 | 0 45 | 17 45 | 0 6 | 14 44 | 8 25 | 15 15 | 15 19 | 19 35 | 14 2 | 7 9 |
| W 4 | 15 57 | 11 1 | 4 59 | 17 10 | 0 20 | 11 43 | 1 10 | 3 53 | 1 1 | 14 44 | 1 19 | 15 19 | 1 1 | 3 50 | 0 45 | 17 45 | 0 6 | 14 44 | 8 25 | 15 18 | 15 20 | 19 35 | 14 2 | 7 10 |
| T 5 | 16 14 | 14 47 | 4 57 | 17 56 | 0 30 | 12 10 | 1 9 | 4 12 | 1 0 | 14 42 | 1 19 | 15 18 | 1 1 | 3 50 | 0 45 | 17 45 | 0 6 | 14 44 | 8 25 | 15 22 | 15 21 | 19 34 | 14 1 | 7 10 |
| F 6 | 16 31 | 17 42 | 4 35 | 18 41 | 0 40 | 12 36 | 1 7 | 4 30 | 1 0 | 14 40 | 1 19 | 15 18 | 1 1 | 3 49 | 0 45 | 17 45 | 0 6 | 14 43 | 8 25 | 15 25 | 15 22 | 19 34 | 14 1 | 7 11 |
| S 7 | 16 48 | 19 30 | 3 56 | 19 25 | 0 51 | 13 1 | 1 6 | 4 48 | 1 0 | 14 38 | 1 19 | 15 17 | 1 1 | 3 48 | 0 45 | 17 44 | 0 6 | 14 43 | 8 25 | 15 28 | 15 23 | 19 34 | 14 0 | 7 11 |
| S 8 | 17 4 | 20 0 | 3 1 | 20 6 | 1 1 | 13 26 | 1 4 | 5 6 | 0 59 | 14 36 | 1 18 | 15 16 | 1 1 | 3 47 | 0 45 | 17 44 | 0 6 | 14 43 | 8 25 | 15 29 | 15 24 | 19 34 | 14 0 | 7 12 |
| M 9 | 17 21 | 19 11 | 1 55 | 20 45 | 1 10 | 13 51 | 1 2 | 5 24 | 0 59 | 14 33 | 1 18 | 15 16 | 1 2 | 3 46 | 0 45 | 17 44 | 0 6 | 14 43 | 8 25 | 15 30 | 15 25 | 19 34 | 14 0 | 7 12 |
| T 10 | 17 36 | 17 9 | 0 43 | 21 22 | 1 19 | 14 16 | 1 1 | 5 42 | 0 59 | 14 31 | 1 18 | 15 15 | 1 2 | 3 45 | 0 45 | 17 44 | 0 6 | 14 43 | 8 25 | 15 30 | 15 26 | 19 33 | 13 59 | 7 13 |
| W11 | 17 52 | 14 7 | 0s31 | 21 56 | 1 28 | 14 40 | 0 59 | 5 59 | 0 58 | 14 29 | 1 18 | 15 15 | 1 2 | 3 44 | 0 45 | 17 44 | 0 6 | 14 43 | 8 25 | 15 30 | 15 27 | 19 33 | 13 59 | 7 13 |
| T 12 | 18 7 | 10 20 | 1 42 | 22 28 | 1 36 | 15 4 | 0 57 | 6 17 | 0 58 | 14 27 | 1 18 | 15 14 | 1 2 | 3 43 | 0 45 | 17 44 | 0 6 | 14 43 | 8 25 | 15 31 | 15 28 | 19 33 | 13 58 | 7 14 |
| F 13 | 18 22 | 6 4 | 2 46 | 22 57 | 1 43 | 15 28 | 0 55 | 6 35 | 0 58 | 14 25 | 1 18 | 15 14 | 1 2 | 3 43 | 0 45 | 17 44 | 0 6 | 14 42 | 8 25 | 15 31 | 15 29 | 19 33 | 13 58 | 7 14 |
| S 14 | 18 37 | 1 33 | 3 40 | 23 24 | 1 50 | 15 51 | 0 53 | 6 52 | 0 57 | 14 23 | 1 18 | 15 13 | 1 2 | 3 42 | 0 45 | 17 43 | 0 6 | 14 42 | 8 25 | 15 33 | 15 30 | 19 33 | 13 58 | 7 15 |
| S 15 | 18 51 | 2n58 | 4 22 | 23 48 | 1 56 | 16 14 | 0 51 | 7 10 | 0 57 | 14 20 | 1 18 | 15 13 | 1 3 | 3 41 | 0 45 | 17 43 | 0 6 | 14 42 | 8 25 | 15 35 | 15 31 | 19 32 | 13 57 | 7 16 |
| M16 | 19 5 | 7 17 | 4 48 | 24 10 | 2 1 | 16 36 | 0 49 | 7 27 | 0 56 | 14 18 | 1 18 | 15 13 | 1 3 | 3 40 | 0 45 | 17 43 | 0 6 | 14 42 | 8 25 | 15 38 | 15 32 | 19 32 | 13 57 | 7 16 |
| T 17 | 19 19 | 11 12 | 5 0 | 24 29 | 2 6 | 16 58 | 0 47 | 7 44 | 0 56 | 14 16 | 1 17 | 15 12 | 1 3 | 3 40 | 0 45 | 17 43 | 0 6 | 14 42 | 8 25 | 15 42 | 15 33 | 19 32 | 13 57 | 7 17 |
| W18 | 19 33 | 14 33 | 4 57 | 24 46 | 2 9 | 17 20 | 0 45 | 8 1 | 0 55 | 14 14 | 1 17 | 15 12 | 1 3 | 3 39 | 0 45 | 17 42 | 0 6 | 14 42 | 8 25 | 15 46 | 15 34 | 19 32 | 13 56 | 7 17 |
| T 19 | 19 46 | 17 12 | 4 39 | 25 0 | 2 12 | 17 41 | 0 43 | 8 19 | 0 55 | 14 12 | 1 17 | 15 12 | 1 3 | 3 38 | 0 45 | 17 42 | 0 6 | 14 42 | 8 25 | 15 50 | 15 35 | 19 31 | 13 56 | 7 18 |
| F 20 | 19 58 | 19 1 | 4 9 | 25 11 | 2 15 | 18 1 | 0 41 | 8 36 | 0 55 | 14 10 | 1 17 | 15 11 | 1 4 | 3 37 | 0 45 | 17 42 | 0 6 | 14 42 | 8 25 | 15 53 | 15 36 | 19 31 | 13 56 | 7 18 |
| S 21 | 20 11 | 19 58 | 3 28 | 25 21 | 2 16 | 18 22 | 0 39 | 8 53 | 0 54 | 14 8 | 1 17 | 15 11 | 1 4 | 3 37 | 0 45 | 17 42 | 0 6 | 14 42 | 8 25 | 15 56 | 15 37 | 19 31 | 13 55 | 7 19 |
| S 22 | 20 23 | 20 1 | 2 38 | 25 28 | 2 16 | 18 41 | 0 37 | 9 9 | 0 54 | 14 6 | 1 17 | 15 11 | 1 4 | 3 36 | 0 45 | 17 41 | 0 6 | 14 41 | 8 25 | 15 58 | 15 38 | 19 31 | 13 55 | 7 19 |
| M23 | 20 34 | 19 10 | 1 42 | 25 33 | 2 16 | 19 1 | 0 34 | 9 26 | 0 53 | 14 4 | 1 16 | 15 11 | 1 4 | 3 36 | 0 45 | 17 41 | 0 6 | 14 41 | 8 25 | 15 59 | 15 39 | 19 30 | 13 55 | 7 20 |
| T 24 | 20 46 | 17 29 | 0 41 | 25 36 | 2 15 | 19 19 | 0 32 | 9 43 | 0 53 | 14 2 | 1 16 | 15 11 | 1 4 | 3 35 | 0 45 | 17 41 | 0 6 | 14 41 | 8 25 | 15 59 | 15 40 | 19 30 | 13 55 | 7 20 |
| W25 | 20 57 | 15 3 | 0n22 | 25 37 | 2 13 | 19 37 | 0 30 | 9 59 | 0 52 | 14 0 | 1 16 | 15 11 | 1 4 | 3 34 | 0 45 | 17 41 | 0 6 | 14 41 | 8 25 | 15 59 | 15 41 | 19 30 | 13 55 | 7 21 |
| T 26 | 21 7 | 11 58 | 1 25 | 25 37 | 2 10 | 19 55 | 0 28 | 10 16 | 0 52 | 13 59 | 1 16 | 15 11 | 1 5 | 3 34 | 0 45 | 17 40 | 0 6 | 14 41 | 8 25 | 15 59 | 15 42 | 19 30 | 13 54 | 7 21 |
| F 27 | 21 18 | 8 18 | 2 25 | 25 34 | 2 7 | 20 12 | 0 25 | 10 32 | 0 51 | 13 57 | 1 16 | 15 11 | 1 5 | 3 33 | 0 45 | 17 40 | 0 6 | 14 41 | 8 25 | 15 59 | 15 43 | 19 29 | 13 54 | 7 21 |
| S 28 | 21 28 | 4 12 | 3 20 | 25 31 | 2 2 | 20 29 | 0 23 | 10 48 | 0 51 | 13 55 | 1 16 | 15 11 | 1 5 | 3 33 | 0 45 | 17 40 | 0 6 | 14 41 | 8 25 | 16 0 | 15 44 | 19 29 | 13 54 | 7 22 |
| S 29 | 21 37 | 0s12 | 4 6 | 25 25 | 1 57 | 20 45 | 0 21 | 11 4 | 0 50 | 13 53 | 1 15 | 15 11 | 1 5 | 3 32 | 0 45 | 17 39 | 0 6 | 14 41 | 8 25 | 16 1 | 15 45 | 19 29 | 13 54 | 7 22 |
| M30 | 21 46 | 4 45 | 4 40 | 25 18 | 1 51 | 21 0 | 0 18 | 11 20 | 0 50 | 13 52 | 1 15 | 15 11 | 1 5 | 3 32 | 0 45 | 17 39 | 0 6 | 14 41 | 8 25 | 16 3 | 15 46 | 19 29 | 13 54 | 7 23 |
| T 31 | 21n55 | 9s12 | 5n 0 | 25n10 | 1n44 | 21n15 | 0s16 | 11n36 | 0s49 | 13s50 | 1n15 | 15s11 | 1s 6 | 3s31 | 0s45 | 17n39 | 0n 6 | 14s41 | 8n25 | 16n 6 | 15n47 | 19n28 | 13s54 | 7n23 |

Julian Day Number = 2362911.5, Delta T = 18.11 sec
Ecliptic obliquity = 23°28'08, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°21'08, Lahiri = 20°28'09Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1757
# geocentric

## JUNE 1757 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 16 38 33 | 10♊33'32 | 21♏28 | 4♋ 9 | 8♊18 | 3♉17 | 10°R30 | 22♒ 8 | 22♓55 | 10♌49 | 19°R43 | 15°R44 | 16♌53 | 22♋45 | 24°R53 | W 1 |
| T 2 | 16 42 30 | 11°30'56 | 6♐ 6 | 5° 5 | 9°32 | 4° 1 | 10♏24 | 22°R 8 | 22°57 | 10°51 | 19♐41 | 15♌34 | 16°50 | 22°51 | 24♉51 | T 2 |
| F 3 | 16 46 26 | 12°28'18 | 20°58 | 5°58 | 10°45 | 4°45 | 10°19 | 22° 8 | 22°58 | 10°52 | 19°39 | 15°25 | 16°47 | 22°58 | 24°49 | F 3 |
| S 4 | 16 50 23 | 13°25'40 | 5♉55 | 6°47 | 11°59 | 5°30 | 10°13 | 22° 8 | 22°59 | 10°53 | 19°38 | 15°19 | 16°44 | 23° 5 | 24°47 | S 4 |
| S 5 | 16 54 20 | 14°23'01 | 20°50 | 7°32 | 13°13 | 6°14 | 10° 8 | 22° 8 | 23° 0 | 10°55 | 19°36 | 15°14 | 16°41 | 23°11 | 24°44 | S 5 |
| M 6 | 16 58 16 | 15°20'22 | 5♒34 | 8°13 | 14°26 | 6°58 | 10° 3 | 22° 7 | 23° 1 | 10°56 | 19°35 | 15°12 | 16°37 | 23°18 | 24°42 | M 6 |
| T 7 | 17 2 13 | 16°17'42 | 20° 3 | 8°50 | 15°40 | 7°42 | 9°58 | 22° 7 | 23° 2 | 10°58 | 19°33 | 15°D12 | 16°34 | 23°25 | 24°39 | T 7 |
| W 8 | 17 6 9 | 17°15'01 | 4♓13 | 9°23 | 16°54 | 8°26 | 9°53 | 22° 6 | 23° 3 | 10°59 | 19°32 | 15°12 | 16°31 | 23°31 | 24°37 | W 8 |
| T 9 | 17 10 6 | 18°12'20 | 18° 3 | 9°51 | 18° 7 | 9°10 | 9°48 | 22° 6 | 23° 4 | 11° 0 | 19°30 | 15°R13 | 16°28 | 23°38 | 24°34 | T 9 |
| F 10 | 17 14 2 | 19° 9'38 | 1♈35 | 10°15 | 19°21 | 9°54 | 9°44 | 22° 5 | 23° 5 | 11° 2 | 19°28 | 15°12 | 16°25 | 23°45 | 24°32 | F 10 |
| S 11 | 17 17 59 | 20° 6'56 | 14°49 | 10°35 | 20°35 | 10°38 | 9°39 | 22° 4 | 23° 6 | 11° 3 | 19°27 | 15° 9 | 16°22 | 23°51 | 24°29 | S 11 |
| S 12 | 17 21 56 | 21° 4'14 | 27°48 | 10°50 | 21°49 | 11°22 | 9°35 | 22° 3 | 23° 7 | 11° 5 | 19°25 | 15° 5 | 16°18 | 23°58 | 24°26 | S 12 |
| M13 | 17 25 52 | 22° 1'32 | 10♉33 | 11° 0 | 23° 2 | 12° 6 | 9°31 | 22° 2 | 23° 7 | 11° 7 | 19°24 | 14°58 | 16°15 | 24° 5 | 24°24 | M13 |
| T 14 | 17 29 49 | 22°58'49 | 23° 6 | 11° 6 | 24°16 | 12°50 | 9°27 | 22° 1 | 23° 8 | 11° 8 | 19°22 | 14°49 | 16°12 | 24°11 | 24°21 | T 14 |
| W15 | 17 33 45 | 23°56'05 | 5♊28 | 11°R 8 | 25°30 | 13°33 | 9°23 | 22° 0 | 23° 9 | 11°10 | 19°21 | 14°40 | 16° 9 | 24°18 | 24°18 | W15 |
| T 16 | 17 37 42 | 24°53'22 | 17°39 | 11° 5 | 26°43 | 14°17 | 9°20 | 21°58 | 23° 9 | 11°11 | 19°19 | 14°31 | 16° 6 | 24°25 | 24°15 | T 16 |
| F 17 | 17 41 38 | 25°50'37 | 29°42 | 10°57 | 27°57 | 15° 1 | 9°16 | 21°57 | 23°10 | 11°13 | 19°17 | 14°23 | 16° 3 | 24°31 | 24°12 | F 17 |
| S 18 | 17 45 35 | 26°47'53 | 11♋38 | 10°45 | 29°11 | 15°44 | 9°13 | 21°55 | 23°10 | 11°15 | 19°16 | 14°16 | 15°59 | 24°38 | 24° 9 | S 18 |
| S 19 | 17 49 31 | 27°45'08 | 23°28 | 10°29 | 0♋25 | 16°27 | 9°10 | 21°54 | 23°11 | 11°16 | 19°14 | 14°12 | 15°56 | 24°45 | 24° 6 | S 19 |
| M20 | 17 53 28 | 28°42'22 | 5♌15 | 10° 9 | 1°38 | 17°11 | 9° 7 | 21°52 | 23°11 | 11°18 | 19°13 | 14°10 | 15°53 | 24°51 | 24° 3 | M20 |
| T 21 | 17 57 25 | 29°39'36 | 17° 2 | 9°46 | 2°52 | 17°54 | 9° 4 | 21°50 | 23°12 | 11°20 | 19°11 | 14°D 9 | 15°50 | 24°58 | 24° 0 | T 21 |
| W22 | 18 1 21 | 0♋36'50 | 28°52 | 9°19 | 4° 6 | 18°37 | 9° 2 | 21°48 | 23°12 | 11°22 | 19°10 | 14°10 | 15°47 | 25° 5 | 23°57 | W22 |
| T 23 | 18 5 18 | 1°34'02 | 10♍51 | 8°50 | 5°20 | 19°20 | 8°59 | 21°46 | 23°12 | 11°24 | 19° 8 | 14°11 | 15°43 | 25°11 | 23°53 | T 23 |
| F 24 | 18 9 14 | 2°31'15 | 23° 3 | 8°18 | 6°33 | 20° 4 | 8°57 | 21°44 | 23°12 | 11°25 | 19° 7 | 14°13 | 15°40 | 25°18 | 23°50 | F 24 |
| S 25 | 18 13 11 | 3°28'27 | 5♎33 | 7°44 | 7°47 | 20°47 | 8°55 | 21°42 | 23°13 | 11°27 | 19° 5 | 14°R13 | 15°37 | 25°24 | 23°47 | S 25 |
| S 26 | 18 17 7 | 4°25'38 | 18°25 | 7° 8 | 9° 1 | 21°30 | 8°53 | 21°40 | 23°13 | 11°29 | 19° 3 | 14°12 | 15°34 | 25°31 | 23°44 | S 26 |
| M27 | 18 21 4 | 5°22'49 | 1♏43 | 6°32 | 10°15 | 22°12 | 8°52 | 21°37 | 23°13 | 11°31 | 19° 2 | 14°10 | 15°31 | 25°38 | 23°40 | M27 |
| T 28 | 18 25 0 | 6°20'00 | 15°30 | 5°56 | 11°28 | 22°55 | 8°50 | 21°35 | 23°R13 | 11°33 | 19° 0 | 14° 6 | 15°28 | 25°44 | 23°37 | T 28 |
| W29 | 18 28 57 | 7°17'10 | 29°45 | 5°20 | 12°42 | 23°38 | 8°49 | 21°33 | 23°13 | 11°35 | 18°59 | 14° 1 | 15°24 | 25°51 | 23°34 | W29 |
| T 30 | 18 32 54 | 8♋14'20 | 14♐25 | 4♋46 | 13♋56 | 24♉21 | 8♏48 | 21♒30 | 23♓13 | 11♌37 | 18♐58 | 13♌55 | 15♌21 | 25♋58 | 23♉30 | 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 |
| W 1 | 22n 3 | 13s17 | 5n 2 | 25n 1 | 1n37 | 21n29 | 0s14 | 11n51 | 0s49 | 13s48 | 1n15 | 15s11 | 1s 6 | 3s31 | 0s46 | 17n38 | 0n 6 | 14s41 | 8n25 | 16n 8 | 15n48 | 19n28 | 13s54 | 7n24 |
| T 2 | 22 11 | 16 41 | 4 45 | 24 50 | 1 28 | 21 43 | 0 11 | 12 7 | 0 48 | 13 47 | 1 15 | 15 11 | 1 6 | 3 30 | 0 46 | 17 38 | 0 6 | 14 41 | 8 25 | 16 11 | 15 49 | 19 28 | 13 54 | 7 24 |
| F 3 | 22 19 | 19 2 | 4 8 | 24 39 | 1 19 | 21 56 | 0 9 | 12 22 | 0 48 | 13 45 | 1 14 | 15 11 | 1 6 | 3 30 | 0 46 | 17 38 | 0 6 | 14 41 | 8 25 | 16 14 | 15 50 | 19 27 | 13 54 | 7 25 |
| S 4 | 22 26 | 20 7 | 3 14 | 24 27 | 1 9 | 22 9 | 0 7 | 12 38 | 0 47 | 13 44 | 1 14 | 15 12 | 1 6 | 3 29 | 0 46 | 17 37 | 0 6 | 14 41 | 8 25 | 16 16 | 15 50 | 19 27 | 13 54 | 7 25 |
| S 5 | 22 33 | 19 46 | 2 6 | 24 14 | 0 58 | 22 20 | 0 4 | 12 53 | 0 47 | 13 42 | 1 14 | 15 12 | 1 6 | 3 29 | 0 46 | 17 37 | 0 6 | 14 40 | 8 25 | 16 17 | 15 51 | 19 27 | 13 54 | 7 25 |
| M 6 | 22 40 | 18 4 | 0 51 | 24 0 | 0 47 | 22 32 | 0 2 | 13 8 | 0 46 | 13 41 | 1 14 | 15 12 | 1 7 | 3 28 | 0 46 | 17 37 | 0 6 | 14 40 | 8 25 | 16 18 | 15 52 | 19 27 | 13 54 | 7 26 |
| T 7 | 22 46 | 15 14 | 0s26 | 23 45 | 0 35 | 22 42 | 0n 0 | 13 23 | 0 46 | 13 40 | 1 13 | 15 13 | 1 7 | 3 28 | 0 46 | 17 36 | 0 6 | 14 40 | 8 25 | 16 18 | 15 53 | 19 26 | 13 54 | 7 26 |
| W 8 | 22 51 | 11 32 | 1 40 | 23 30 | 0 22 | 22 52 | 0 3 | 13 37 | 0 45 | 13 38 | 1 13 | 15 13 | 1 7 | 3 28 | 0 46 | 17 36 | 0 6 | 14 40 | 8 24 | 16 18 | 15 54 | 19 26 | 13 54 | 7 27 |
| T 9 | 22 57 | 7 17 | 2 47 | 23 15 | 0 8 | 23 1 | 0 5 | 13 52 | 0 44 | 13 37 | 1 13 | 15 13 | 1 7 | 3 27 | 0 46 | 17 35 | 0 6 | 14 40 | 8 24 | 16 18 | 15 55 | 19 26 | 13 54 | 7 27 |
| F 10 | 23 2 | 2 46 | 3 42 | 22 59 | 0s 6 | 23 10 | 0 8 | 14 7 | 0 44 | 13 36 | 1 13 | 15 14 | 1 7 | 3 27 | 0 46 | 17 35 | 0 6 | 14 40 | 8 24 | 16 18 | 15 56 | 19 25 | 13 54 | 7 27 |
| S 11 | 23 6 | 1n47 | 4 25 | 22 43 | 0 20 | 23 18 | 0 10 | 14 21 | 0 43 | 13 35 | 1 13 | 15 14 | 1 8 | 3 27 | 0 46 | 17 35 | 0 6 | 14 40 | 8 24 | 16 19 | 15 57 | 19 25 | 13 54 | 7 28 |
| S 12 | 23 10 | 6 9 | 4 53 | 22 26 | 0 36 | 23 25 | 0 12 | 14 35 | 0 43 | 13 33 | 1 12 | 15 15 | 1 8 | 3 26 | 0 46 | 17 34 | 0 6 | 14 40 | 8 24 | 16 20 | 15 58 | 19 25 | 13 54 | 7 28 |
| M13 | 23 14 | 10 10 | 5 5 | 22 10 | 0 51 | 23 32 | 0 15 | 14 49 | 0 42 | 13 32 | 1 12 | 15 15 | 1 8 | 3 26 | 0 46 | 17 34 | 0 6 | 14 40 | 8 24 | 16 22 | 15 59 | 19 24 | 13 54 | 7 28 |
| T 14 | 23 17 | 13 41 | 5 3 | 21 53 | 1 7 | 23 38 | 0 17 | 15 3 | 0 42 | 13 31 | 1 12 | 15 16 | 1 8 | 3 26 | 0 46 | 17 33 | 0 6 | 14 40 | 8 24 | 16 25 | 16 0 | 19 24 | 13 54 | 7 29 |
| W15 | 23 20 | 16 32 | 4 47 | 21 37 | 1 23 | 23 43 | 0 19 | 15 17 | 0 41 | 13 30 | 1 12 | 15 16 | 1 8 | 3 26 | 0 46 | 17 33 | 0 6 | 14 40 | 8 24 | 16 27 | 16 1 | 19 24 | 13 55 | 7 29 |
| T 16 | 23 22 | 18 38 | 4 17 | 21 21 | 1 40 | 23 47 | 0 22 | 15 30 | 0 40 | 13 30 | 1 11 | 15 17 | 1 8 | 3 26 | 0 46 | 17 32 | 0 6 | 14 40 | 8 24 | 16 30 | 16 2 | 19 23 | 13 55 | 7 29 |
| F 17 | 23 24 | 19 52 | 3 37 | 21 5 | 1 56 | 23 51 | 0 24 | 15 44 | 0 40 | 13 29 | 1 11 | 15 18 | 1 9 | 3 25 | 0 46 | 17 32 | 0 6 | 14 40 | 8 23 | 16 32 | 16 3 | 19 23 | 13 55 | 7 30 |
| S 18 | 23 26 | 20 12 | 2 47 | 20 49 | 2 13 | 23 54 | 0 26 | 15 57 | 0 39 | 13 28 | 1 11 | 15 18 | 1 9 | 3 25 | 0 46 | 17 32 | 0 6 | 14 40 | 8 23 | 16 34 | 16 4 | 19 23 | 13 55 | 7 30 |
| S 19 | 23 27 | 19 38 | 1 50 | 20 34 | 2 29 | 23 57 | 0 28 | 16 10 | 0 38 | 13 27 | 1 11 | 15 19 | 1 9 | 3 25 | 0 46 | 17 31 | 0 6 | 14 40 | 8 23 | 16 35 | 16 5 | 19 22 | 13 55 | 7 30 |
| M20 | 23 28 | 18 12 | 0 48 | 20 20 | 2 45 | 23 58 | 0 31 | 16 23 | 0 38 | 13 26 | 1 10 | 15 20 | 1 9 | 3 25 | 0 46 | 17 31 | 0 6 | 14 40 | 8 23 | 16 36 | 16 6 | 19 22 | 13 56 | 7 31 |
| T 21 | 23 28 | 16 0 | 0n16 | 20 6 | 3 1 | 23 59 | 0 33 | 16 36 | 0 37 | 13 26 | 1 10 | 15 20 | 1 9 | 3 25 | 0 46 | 17 30 | 0 6 | 14 40 | 8 23 | 16 36 | 16 7 | 19 21 | 13 56 | 7 31 |
| W22 | 23 28 | 13 7 | 1 19 | 19 53 | 3 16 | 23 59 | 0 35 | 16 48 | 0 37 | 13 25 | 1 10 | 15 21 | 1 10 | 3 25 | 0 46 | 17 30 | 0 6 | 14 40 | 8 23 | 16 36 | 16 8 | 19 21 | 13 56 | 7 31 |
| T 23 | 23 28 | 9 40 | 2 20 | 19 40 | 3 31 | 23 59 | 0 37 | 17 1 | 0 36 | 13 25 | 1 10 | 15 22 | 1 10 | 3 25 | 0 46 | 17 29 | 0 6 | 14 40 | 8 23 | 16 36 | 16 9 | 19 21 | 13 56 | 7 31 |
| F 24 | 23 27 | 5 45 | 3 16 | 19 29 | 3 44 | 23 58 | 0 39 | 17 13 | 0 35 | 13 24 | 1 9 | 15 23 | 1 10 | 3 25 | 0 46 | 17 29 | 0 6 | 14 40 | 8 22 | 16 35 | 16 9 | 19 20 | 13 57 | 7 32 |
| S 25 | 23 25 | 1 31 | 4 3 | 19 19 | 3 56 | 23 56 | 0 42 | 17 25 | 0 35 | 13 24 | 1 9 | 15 24 | 1 10 | 3 25 | 0 46 | 17 28 | 0 6 | 14 41 | 8 22 | 16 35 | 16 10 | 19 20 | 13 57 | 7 32 |
| S 26 | 23 24 | 2s54 | 4 41 | 19 9 | 4 8 | 23 53 | 0 44 | 17 37 | 0 34 | 13 24 | 1 9 | 15 25 | 1 10 | 3 25 | 0 46 | 17 28 | 0 6 | 14 41 | 8 22 | 16 35 | 16 11 | 19 20 | 13 57 | 7 32 |
| M27 | 23 22 | 7 20 | 5 4 | 19 1 | 4 18 | 23 50 | 0 46 | 17 48 | 0 33 | 13 23 | 1 9 | 15 25 | 1 10 | 3 25 | 0 46 | 17 27 | 0 6 | 14 41 | 8 22 | 16 36 | 16 12 | 19 19 | 13 58 | 7 32 |
| T 28 | 23 19 | 11 32 | 5 11 | 18 54 | 4 26 | 23 46 | 0 48 | 18 0 | 0 33 | 13 23 | 1 8 | 15 26 | 1 11 | 3 25 | 0 47 | 17 27 | 0 6 | 14 41 | 8 22 | 16 37 | 16 13 | 19 19 | 13 58 | 7 32 |
| W29 | 23 16 | 15 14 | 5 0 | 18 48 | 4 34 | 23 41 | 0 50 | 18 11 | 0 32 | 13 23 | 1 8 | 15 27 | 1 11 | 3 25 | 0 47 | 17 26 | 0 6 | 14 41 | 8 22 | 16 39 | 16 14 | 19 18 | 13 58 | 7 33 |
| T 30 | 23n13 | 18s 6 | 4n29 | 18n44 | 4s39 | 23n36 | 0n52 | 18n23 | 0s31 | 13s23 | 1n 8 | 15s28 | 1s11 | 3s25 | 0s47 | 17n26 | 0n 7 | 14s41 | 8n21 | 16n40 | 16n15 | 19n18 | 13s59 | 7n33 |

Julian Day Number = 2362942.5, Delta T = 18.13 sec
Ecliptic obliquity = 23°28'08, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°21'13, Lahiri = 20°28'13Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1757
# geocentric

## JULY 1757 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 18 36 50 | 9♋11'30 | 29♐24 | 4°R13 | 15♋ 9 | 25♉ 3 | 8°R47 | 21°R27 | 23°R13 | 11♌38 | 18°R56 | 13°R51 | 15♌18 | 26♋ 4 | 23°R27 | F 1 |
| S 2 | 18 40 47 | 10° 8'40 | 14♑34 | 3♋42 | 16°23 | 25°46 | 8♏46 | 21♒25 | 23♓12 | 11°40 | 18♐55 | 13♌47 | 15°15 | 26°11 | 23♑23 | S 2 |
| S 3 | 18 44 43 | 11° 5'50 | 29°44 | 3°14 | 17°37 | 26°28 | 8°45 | 21°22 | 23°12 | 11°42 | 18°53 | 13°45 | 15°12 | 26°18 | 23°20 | S 3 |
| M 4 | 18 48 40 | 12° 3'01 | 14♒46 | 2°49 | 18°51 | 27°11 | 8°45 | 21°19 | 23°12 | 11°44 | 18°52 | 13°D44 | 15° 9 | 26°24 | 23°16 | M 4 |
| T 5 | 18 52 36 | 13° 0'11 | 29°31 | 2°29 | 20° 4 | 27°53 | 8°45 | 21°16 | 23°12 | 11°46 | 18°50 | 13°45 | 15° 5 | 26°31 | 23°13 | T 5 |
| W 6 | 18 56 33 | 13°57'22 | 13♓55 | 2°12 | 21°18 | 28°35 | 8°D45 | 21°13 | 23°11 | 11°48 | 18°49 | 13°46 | 15° 2 | 26°38 | 23°10 | W 6 |
| T 7 | 19 0 29 | 14°54'33 | 27°55 | 2° 0 | 22°32 | 29°17 | 8°45 | 21°10 | 23°11 | 11°50 | 18°48 | 13°48 | 14°59 | 26°44 | 23° 6 | T 7 |
| F 8 | 19 4 26 | 15°51'45 | 11♈31 | 1°52 | 23°46 | 29°59 | 8°45 | 21° 7 | 23°10 | 11°52 | 18°46 | 13°R48 | 14°56 | 26°51 | 23° 2 | F 8 |
| S 9 | 19 8 23 | 16°48'57 | 24°44 | 1°D50 | 24°59 | 0♊42 | 8°46 | 21° 3 | 23°10 | 11°54 | 18°45 | 13°48 | 14°53 | 26°58 | 22°59 | S 9 |
| S 10 | 19 12 19 | 17°46'10 | 7♉37 | 1°53 | 26°13 | 1°24 | 8°46 | 21° 0 | 23° 9 | 11°56 | 18°43 | 13°47 | 14°49 | 27° 4 | 22°55 | S 10 |
| M11 | 19 16 16 | 18°43'23 | 20°12 | 2° 1 | 27°27 | 2° 5 | 8°47 | 20°57 | 23° 9 | 11°59 | 18°42 | 13°44 | 14°46 | 27°11 | 22°52 | M11 |
| T 12 | 19 20 12 | 19°40'37 | 2♊33 | 2°15 | 28°41 | 2°47 | 8°48 | 20°53 | 23° 8 | 12° 1 | 18°41 | 13°41 | 14°43 | 27°18 | 22°48 | T 12 |
| W13 | 19 24 9 | 20°37'52 | 14°43 | 2°34 | 29°55 | 3°29 | 8°49 | 20°50 | 23° 7 | 12° 3 | 18°40 | 13°37 | 14°40 | 27°24 | 22°45 | W13 |
| T 14 | 19 28 5 | 21°35'07 | 26°44 | 2°58 | 1♌ 8 | 4°11 | 8°51 | 20°46 | 23° 7 | 12° 5 | 18°38 | 13°34 | 14°37 | 27°31 | 22°41 | T 14 |
| F 15 | 19 32 2 | 22°32'23 | 8♋38 | 3°28 | 2°22 | 4°52 | 8°52 | 20°43 | 23° 6 | 12° 7 | 18°37 | 13°31 | 14°34 | 27°38 | 22°38 | F 15 |
| S 16 | 19 35 58 | 23°29'39 | 20°27 | 4° 4 | 3°36 | 5°34 | 8°54 | 20°39 | 23° 5 | 12° 9 | 18°36 | 13°28 | 14°30 | 27°44 | 22°34 | S 16 |
| S 17 | 19 39 55 | 24°26'56 | 2♌15 | 4°45 | 4°50 | 6°15 | 8°56 | 20°35 | 23° 4 | 12°11 | 18°35 | 13°27 | 14°27 | 27°51 | 22°30 | S 17 |
| M18 | 19 43 52 | 25°24'13 | 14° 2 | 5°32 | 6° 4 | 6°57 | 8°58 | 20°31 | 23° 3 | 12°13 | 18°33 | 13°D26 | 14°24 | 27°57 | 22°27 | M18 |
| T 19 | 19 47 48 | 26°21'31 | 25°52 | 6°23 | 7°17 | 7°38 | 9° 0 | 20°27 | 23° 2 | 12°15 | 18°32 | 13°27 | 14°21 | 28° 4 | 22°23 | T 19 |
| W20 | 19 51 45 | 27°18'49 | 7♍47 | 7°21 | 8°31 | 8°19 | 9° 3 | 20°24 | 23° 1 | 12°18 | 18°31 | 13°28 | 14°18 | 28°11 | 22°20 | W20 |
| T 21 | 19 55 41 | 28°16'07 | 19°50 | 8°23 | 9°45 | 9° 0 | 9° 5 | 20°20 | 23° 0 | 12°20 | 18°30 | 13°29 | 14°15 | 28°17 | 22°16 | T 21 |
| F 22 | 19 59 38 | 29°13'26 | 2♎ 6 | 9°31 | 10°59 | 9°41 | 9° 8 | 20°16 | 22°59 | 12°22 | 18°29 | 13°30 | 14°11 | 28°24 | 22°13 | F 22 |
| S 23 | 20 3 34 | 0♌10'46 | 14°37 | 10°44 | 12°13 | 10°22 | 9°11 | 20°11 | 22°58 | 12°24 | 18°28 | 13°31 | 14° 8 | 28°31 | 22° 9 | S 23 |
| S 24 | 20 7 31 | 1° 8'06 | 27°27 | 12° 1 | 13°26 | 11° 3 | 9°14 | 20° 7 | 22°57 | 12°26 | 18°27 | 13°R32 | 14° 5 | 28°37 | 22° 6 | S 24 |
| M25 | 20 11 27 | 2° 5'26 | 10♍41 | 13°24 | 14°40 | 11°44 | 9°17 | 20° 3 | 22°56 | 12°29 | 18°26 | 13°32 | 14° 2 | 28°44 | 22° 2 | M25 |
| T 26 | 20 15 24 | 3° 2'47 | 24°20 | 14°51 | 15°54 | 12°25 | 9°21 | 19°59 | 22°54 | 12°31 | 18°25 | 13°31 | 13°59 | 28°51 | 21°59 | T 26 |
| W27 | 20 19 21 | 4° 0'08 | 8♐25 | 16°22 | 17° 8 | 13° 6 | 9°25 | 19°55 | 22°53 | 12°33 | 18°24 | 13°30 | 13°55 | 28°57 | 21°55 | W27 |
| T 28 | 20 23 17 | 4°57'30 | 22°56 | 17°58 | 18°22 | 13°46 | 9°28 | 19°51 | 22°52 | 12°35 | 18°23 | 13°29 | 13°52 | 29° 4 | 21°52 | T 28 |
| F 29 | 20 27 14 | 5°54'53 | 7♑47 | 19°38 | 19°36 | 14°27 | 9°32 | 19°46 | 22°50 | 12°37 | 18°22 | 13°28 | 13°49 | 29°11 | 21°48 | F 29 |
| S 30 | 20 31 10 | 6°52'17 | 22°53 | 21°22 | 20°49 | 15° 7 | 9°36 | 19°42 | 22°49 | 12°40 | 18°21 | 13°28 | 13°46 | 29°17 | 21°45 | S 30 |
| S 31 | 20 35 7 | 7♌49'41 | 8♒ 5 | 23♋ 9 | 22♌ 3 | 15♊47 | 9♏41 | 19♒38 | 22♓47 | 12♌42 | 18♐20 | 13°D28 | 13♌43 | 29♋24 | 21♑42 | 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 | 23n 9 | 19s49 | 3n39 | 18n41 | 4s43 | 23n30 | 0n54 | 18n34 | 0s31 | 13s23 | 1n 7 | 15s29 | 1s11 | 3s25 | 0s47 | 17n25 | 0n 7 | 14s41 | 8n21 | 16n42 | 16n16 | 19n17 | 13s59 | 7n33 |
| S 2 | 23 5 | 20 8 | 2 33 | 18 39 | 4 46 | 23 23 | 0 56 | 18 44 | 0 30 | 13 23 | 1 7 | 15 30 | 1 11 | 3 25 | 0 47 | 17 25 | 0 7 | 14 41 | 8 21 | 16 43 | 16 17 | 19 17 | 14 0 | 7 33 |
| S 3 | 23 0 | 19 0 | 1 16 | 18 39 | 4 47 | 23 15 | 0 57 | 18 55 | 0 29 | 13 23 | 1 7 | 15 31 | 1 11 | 3 25 | 0 47 | 17 24 | 0 7 | 14 41 | 8 21 | 16 43 | 16 18 | 19 17 | 14 0 | 7 33 |
| M 4 | 22 55 | 16 31 | 0s 6 | 18 40 | 4 46 | 23 7 | 0 59 | 19 5 | 0 28 | 13 23 | 1 7 | 15 33 | 1 12 | 3 25 | 0 47 | 17 24 | 0 7 | 14 41 | 8 21 | 16 43 | 16 19 | 19 16 | 14 0 | 7 33 |
| T 5 | 22 50 | 12 59 | 1 25 | 18 43 | 4 44 | 22 58 | 1 1 | 19 16 | 0 28 | 13 23 | 1 6 | 15 34 | 1 12 | 3 25 | 0 47 | 17 23 | 0 7 | 14 41 | 8 20 | 16 43 | 16 20 | 19 16 | 14 1 | 7 34 |
| W 6 | 22 44 | 8 46 | 2 38 | 18 46 | 4 41 | 22 49 | 1 3 | 19 26 | 0 27 | 13 23 | 1 6 | 15 35 | 1 12 | 3 25 | 0 47 | 17 22 | 0 7 | 14 41 | 8 20 | 16 43 | 16 21 | 19 15 | 14 1 | 7 34 |
| T 7 | 22 38 | 4 11 | 3 39 | 18 52 | 4 36 | 22 38 | 1 4 | 19 36 | 0 26 | 13 24 | 1 6 | 15 36 | 1 12 | 3 26 | 0 47 | 17 22 | 0 7 | 14 42 | 8 20 | 16 42 | 16 22 | 19 15 | 14 2 | 7 34 |
| F 8 | 22 31 | 0n29 | 4 26 | 18 58 | 4 30 | 22 28 | 1 6 | 19 45 | 0 26 | 13 24 | 1 6 | 15 37 | 1 12 | 3 26 | 0 47 | 17 21 | 0 7 | 14 42 | 8 20 | 16 42 | 16 23 | 19 15 | 14 2 | 7 34 |
| S 9 | 22 25 | 4 59 | 4 57 | 19 5 | 4 22 | 22 16 | 1 8 | 19 55 | 0 25 | 13 24 | 1 5 | 15 38 | 1 12 | 3 26 | 0 47 | 17 21 | 0 7 | 14 42 | 8 19 | 16 42 | 16 24 | 19 14 | 14 3 | 7 34 |
| S 10 | 22 17 | 9 8 | 5 12 | 19 14 | 4 14 | 22 4 | 1 9 | 20 4 | 0 24 | 13 25 | 1 5 | 15 40 | 1 12 | 3 26 | 0 47 | 17 20 | 0 7 | 14 42 | 8 19 | 16 43 | 16 24 | 19 14 | 14 3 | 7 34 |
| M11 | 22 10 | 12 48 | 5 12 | 19 23 | 4 4 | 21 51 | 1 11 | 20 13 | 0 23 | 13 25 | 1 5 | 15 41 | 1 13 | 3 27 | 0 47 | 17 20 | 0 7 | 14 42 | 8 19 | 16 43 | 16 25 | 19 13 | 14 4 | 7 34 |
| T 12 | 22 1 | 15 50 | 4 58 | 19 33 | 3 54 | 21 37 | 1 12 | 20 22 | 0 23 | 13 26 | 1 5 | 15 42 | 1 13 | 3 27 | 0 47 | 17 19 | 0 7 | 14 42 | 8 19 | 16 44 | 16 26 | 19 13 | 14 4 | 7 34 |
| W13 | 21 53 | 18 8 | 4 30 | 19 44 | 3 42 | 21 23 | 1 13 | 20 31 | 0 22 | 13 27 | 1 4 | 15 43 | 1 13 | 3 27 | 0 47 | 17 19 | 0 7 | 14 42 | 8 18 | 16 45 | 16 27 | 19 12 | 14 5 | 7 34 |
| T 14 | 21 44 | 19 36 | 3 50 | 19 56 | 3 30 | 21 9 | 1 15 | 20 40 | 0 21 | 13 27 | 1 4 | 15 45 | 1 13 | 3 28 | 0 47 | 17 18 | 0 7 | 14 42 | 8 18 | 16 46 | 16 28 | 19 12 | 14 5 | 7 34 |
| F 15 | 21 35 | 20 11 | 3 1 | 20 8 | 3 18 | 20 53 | 1 16 | 20 48 | 0 20 | 13 28 | 1 4 | 15 46 | 1 13 | 3 28 | 0 47 | 17 17 | 0 7 | 14 43 | 8 18 | 16 47 | 16 29 | 19 11 | 14 6 | 7 34 |
| S 16 | 21 25 | 19 52 | 2 4 | 20 20 | 3 5 | 20 37 | 1 17 | 20 56 | 0 20 | 13 29 | 1 3 | 15 47 | 1 13 | 3 28 | 0 47 | 17 17 | 0 7 | 14 43 | 8 18 | 16 48 | 16 30 | 19 11 | 14 6 | 7 34 |
| S 17 | 21 15 | 18 41 | 1 2 | 20 32 | 2 51 | 20 21 | 1 18 | 21 4 | 0 19 | 13 30 | 1 3 | 15 49 | 1 14 | 3 29 | 0 47 | 17 16 | 0 7 | 14 43 | 8 17 | 16 48 | 16 31 | 19 10 | 14 7 | 7 34 |
| M18 | 21 5 | 16 41 | 0n 3 | 20 44 | 2 37 | 20 4 | 1 19 | 21 12 | 0 18 | 13 31 | 1 3 | 15 50 | 1 14 | 3 29 | 0 47 | 17 16 | 0 7 | 14 43 | 8 17 | 16 48 | 16 32 | 19 10 | 14 8 | 7 34 |
| T 19 | 20 54 | 13 59 | 1 8 | 20 56 | 2 23 | 19 46 | 1 20 | 21 20 | 0 17 | 13 32 | 1 3 | 15 51 | 1 14 | 3 29 | 0 47 | 17 15 | 0 7 | 14 43 | 8 17 | 16 48 | 16 33 | 19 9 | 14 8 | 7 34 |
| W20 | 20 43 | 10 41 | 2 11 | 21 8 | 2 8 | 19 28 | 1 21 | 21 27 | 0 17 | 13 33 | 1 2 | 15 53 | 1 14 | 3 30 | 0 47 | 17 14 | 0 7 | 14 43 | 8 17 | 16 48 | 16 34 | 19 9 | 14 9 | 7 34 |
| T 21 | 20 32 | 6 55 | 3 8 | 21 19 | 1 54 | 19 9 | 1 22 | 21 34 | 0 16 | 13 34 | 1 2 | 15 54 | 1 14 | 3 30 | 0 47 | 17 14 | 0 7 | 14 44 | 8 16 | 16 48 | 16 35 | 19 8 | 14 9 | 7 34 |
| F 22 | 20 20 | 2 49 | 3 58 | 21 29 | 1 39 | 18 50 | 1 23 | 21 41 | 0 15 | 13 35 | 1 2 | 15 55 | 1 14 | 3 31 | 0 47 | 17 13 | 0 7 | 14 44 | 8 16 | 16 47 | 16 36 | 19 8 | 14 10 | 7 34 |
| S 23 | 20 8 | 1s30 | 4 38 | 21 38 | 1 24 | 18 30 | 1 24 | 21 48 | 0 14 | 13 36 | 1 2 | 15 57 | 1 14 | 3 31 | 0 47 | 17 13 | 0 7 | 14 44 | 8 16 | 16 47 | 16 36 | 19 7 | 14 11 | 7 34 |
| S 24 | 19 56 | 5 50 | 5 5 | 21 46 | 1 10 | 18 10 | 1 25 | 21 54 | 0 13 | 13 37 | 1 1 | 15 58 | 1 14 | 3 32 | 0 47 | 17 12 | 0 7 | 14 44 | 8 15 | 16 47 | 16 37 | 19 7 | 14 11 | 7 34 |
| M25 | 19 43 | 10 1 | 5 17 | 21 52 | 0 56 | 17 49 | 1 25 | 22 1 | 0 13 | 13 38 | 1 1 | 16 0 | 1 15 | 3 32 | 0 47 | 17 11 | 0 7 | 14 44 | 8 15 | 16 47 | 16 38 | 19 6 | 14 12 | 7 34 |
| T 26 | 19 30 | 13 50 | 5 12 | 21 57 | 0 42 | 17 28 | 1 26 | 22 7 | 0 12 | 13 40 | 1 1 | 16 1 | 1 15 | 3 33 | 0 47 | 17 11 | 0 7 | 14 45 | 8 15 | 16 47 | 16 39 | 19 6 | 14 12 | 7 34 |
| W27 | 19 17 | 17 0 | 4 48 | 22 0 | 0 28 | 17 6 | 1 27 | 22 13 | 0 11 | 13 41 | 1 1 | 16 3 | 1 15 | 3 33 | 0 48 | 17 10 | 0 7 | 14 45 | 8 15 | 16 47 | 16 40 | 19 5 | 14 13 | 7 33 |
| T 28 | 19 3 | 19 12 | 4 5 | 22 1 | 0 14 | 16 43 | 1 27 | 22 19 | 0 10 | 13 43 | 1 0 | 16 4 | 1 15 | 3 34 | 0 48 | 17 10 | 0 7 | 14 45 | 8 14 | 16 48 | 16 41 | 19 5 | 14 14 | 7 33 |
| F 29 | 18 49 | 20 9 | 3 6 | 22 0 | 0 1 | 16 21 | 1 28 | 22 24 | 0 9 | 13 44 | 1 0 | 16 5 | 1 15 | 3 34 | 0 48 | 17 9 | 0 7 | 14 45 | 8 14 | 16 48 | 16 42 | 19 4 | 14 14 | 7 33 |
| S 30 | 18 35 | 19 41 | 1 52 | 21 57 | 0n11 | 15 58 | 1 28 | 22 30 | 0 8 | 13 46 | 1 0 | 16 7 | 1 15 | 3 35 | 0 48 | 17 8 | 0 7 | 14 46 | 8 14 | 16 48 | 16 43 | 19 4 | 14 15 | 7 33 |
| S 31 | 18n20 | 17s47 | 0n30 | 21n51 | 0n23 | 15n34 | 1n28 | 22n35 | 0s 8 | 13s47 | 1n 0 | 16s 8 | 1s15 | 3s36 | 0s48 | 17n 8 | 0n 7 | 14s46 | 8n13 | 16n48 | 16n44 | 19n 3 | 14s16 | 7n33 |

Julian Day Number = 2362972.5, Delta T = 18.16 sec
Ecliptic obliquity = 23°28'08, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°21'17, Lahiri = 20°28'17Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1757
# geocentric

## AUGUST 1757 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 20 39 3 | 8♌47'06 | 23♒13 | 24♋59 | 23♌17 | 16♊28 | 9♏45 | 19°R33 | 22°R46 | 12♌44 | 18°R19 | 13♌28 | 13♌40 | 29♋31 | 21°R38 | M 1 |
| T 2 | 20 43 0 | 9°44'32 | 8♓ 9 | 26°52 | 24°31 | 17° 8 | 9°50 | 19♒29 | 22♓44 | 12°46 | 18♐18 | 13°28 | 13°36 | 29°37 | 21♉35 | T 2 |
| W 3 | 20 46 56 | 10°42'00 | 22°45 | 28°48 | 25°44 | 17°48 | 9°55 | 19°25 | 22°43 | 12°48 | 18°18 | 13°28 | 13°33 | 29°44 | 21°32 | W 3 |
| T 4 | 20 50 53 | 11°39'28 | 6♈56 | 0♌46 | 26°58 | 18°28 | 9°59 | 19°20 | 22°41 | 12°51 | 18°17 | 13°28 | 13°30 | 29°51 | 21°28 | T 4 |
| F 5 | 20 54 50 | 12°36'58 | 20°41 | 2°45 | 28°12 | 19° 8 | 10° 4 | 19°16 | 22°40 | 12°53 | 18°16 | 13°28 | 13°27 | 29°57 | 21°25 | F 5 |
| S 6 | 20 58 46 | 13°34'30 | 3♉59 | 4°46 | 29°26 | 19°48 | 10°10 | 19°11 | 22°38 | 12°55 | 18°15 | 13°R28 | 13°24 | 0♌ 4 | 21°22 | S 6 |
| S 7 | 21 2 43 | 14°32'02 | 16°53 | 6°48 | 0♍40 | 20°27 | 10°15 | 19° 7 | 22°36 | 12°57 | 18°15 | 13°D28 | 13°20 | 0°10 | 21°19 | S 7 |
| M 8 | 21 6 39 | 15°29'37 | 29°26 | 8°50 | 1°53 | 21° 7 | 10°21 | 19° 2 | 22°34 | 13° 0 | 18°14 | 13°29 | 13°17 | 0°17 | 21°16 | M 8 |
| T 9 | 21 10 36 | 16°27'12 | 11♊43 | 10°53 | 3° 7 | 21°47 | 10°26 | 18°58 | 22°33 | 13° 2 | 18°13 | 13°29 | 13°14 | 0°24 | 21°13 | T 9 |
| W10 | 21 14 32 | 17°24'49 | 23°46 | 12°56 | 4°21 | 22°26 | 10°32 | 18°53 | 22°31 | 13° 4 | 18°13 | 13°29 | 13°11 | 0°30 | 21°10 | W10 |
| T 11 | 21 18 29 | 18°22'28 | 5♋40 | 14°59 | 5°35 | 23° 6 | 10°38 | 18°49 | 22°29 | 13° 6 | 18°12 | 13°30 | 13° 8 | 0°37 | 21° 7 | T 11 |
| F 12 | 21 22 25 | 19°20'08 | 17°29 | 17° 2 | 6°49 | 23°45 | 10°44 | 18°44 | 22°27 | 13° 8 | 18°11 | 13°30 | 13° 5 | 0°44 | 21° 4 | F 12 |
| S 13 | 21 26 22 | 20°17'50 | 29°16 | 19° 4 | 8° 2 | 24°24 | 10°51 | 18°40 | 22°25 | 13°11 | 18°11 | 13°31 | 13° 1 | 0°50 | 21° 1 | S 13 |
| S 14 | 21 30 19 | 21°15'32 | 11♌ 4 | 21° 5 | 9°16 | 25° 3 | 10°57 | 18°35 | 22°23 | 13°13 | 18°10 | 13°R31 | 12°58 | 0°57 | 20°58 | S 14 |
| M15 | 21 34 15 | 22°13'17 | 22°56 | 23° 5 | 10°30 | 25°42 | 11° 3 | 18°31 | 22°21 | 13°15 | 18°10 | 13°31 | 12°55 | 1° 4 | 20°55 | M15 |
| T 16 | 21 38 12 | 23°11'02 | 4♍53 | 25° 4 | 11°44 | 26°21 | 11°10 | 18°26 | 22°19 | 13°17 | 18°10 | 13°30 | 12°52 | 1°10 | 20°52 | T 16 |
| W17 | 21 42 8 | 24° 8'49 | 16°57 | 27° 2 | 12°57 | 27° 0 | 11°17 | 18°22 | 22°17 | 13°19 | 18° 9 | 13°29 | 12°49 | 1°17 | 20°50 | W17 |
| T 18 | 21 46 5 | 25° 6'37 | 29°11 | 28°59 | 14°11 | 27°39 | 11°24 | 18°17 | 22°15 | 13°22 | 18° 9 | 13°28 | 12°46 | 1°24 | 20°47 | T 18 |
| F 19 | 21 50 1 | 26° 4'27 | 11♎37 | 0♍55 | 15°25 | 28°18 | 11°31 | 18°13 | 22°13 | 13°24 | 18° 8 | 13°26 | 12°42 | 1°30 | 20°44 | F 19 |
| S 20 | 21 53 58 | 27° 2'17 | 24°16 | 2°49 | 16°39 | 28°56 | 11°38 | 18° 9 | 22°11 | 13°26 | 18° 8 | 13°24 | 12°39 | 1°37 | 20°42 | S 20 |
| S 21 | 21 57 54 | 28° 0'09 | 7♏11 | 4°42 | 17°52 | 29°35 | 11°46 | 18° 4 | 22° 9 | 13°28 | 18° 8 | 13°23 | 12°36 | 1°44 | 20°39 | S 21 |
| M22 | 22 1 51 | 28°58'02 | 20°25 | 6°34 | 19° 6 | 0♋13 | 11°53 | 18° 0 | 22° 7 | 13°30 | 18° 8 | 13°22 | 12°33 | 1°50 | 20°37 | M22 |
| T 23 | 22 5 48 | 29°55'57 | 3♐58 | 8°25 | 20°20 | 0°51 | 12° 1 | 17°55 | 22° 5 | 13°33 | 18° 7 | 13°D22 | 12°30 | 1°57 | 20°34 | T 23 |
| W24 | 22 9 44 | 0♍53'53 | 17°52 | 10°14 | 21°34 | 1°29 | 12° 9 | 17°51 | 22° 3 | 13°35 | 18° 7 | 13°22 | 12°26 | 2° 3 | 20°32 | W24 |
| T 25 | 22 13 41 | 1°51'50 | 2♑ 7 | 12° 2 | 22°47 | 2° 7 | 12°16 | 17°47 | 22° 0 | 13°37 | 18° 7 | 13°23 | 12°23 | 2°10 | 20°30 | T 25 |
| F 26 | 22 17 37 | 2°49'48 | 16°41 | 13°48 | 24° 1 | 2°45 | 12°25 | 17°42 | 21°58 | 13°39 | 18° 7 | 13°25 | 12°20 | 2°17 | 20°27 | F 26 |
| S 27 | 22 21 34 | 3°47'48 | 1♒30 | 15°33 | 25°15 | 3°23 | 12°33 | 17°38 | 21°56 | 13°41 | 18° 7 | 13°26 | 12°17 | 2°23 | 20°25 | S 27 |
| S 28 | 22 25 30 | 4°45'49 | 16°29 | 17°17 | 26°28 | 4° 1 | 12°41 | 17°34 | 21°54 | 13°43 | 18° 7 | 13°R26 | 12°14 | 2°30 | 20°23 | S 28 |
| M29 | 22 29 27 | 5°43'52 | 1♓28 | 19° 0 | 27°42 | 4°39 | 12°49 | 17°30 | 21°51 | 13°45 | 18° 7 | 13°25 | 12°11 | 2°37 | 20°21 | M29 |
| T 30 | 22 33 23 | 6°41'57 | 16°21 | 20°42 | 28°56 | 5°16 | 12°58 | 17°26 | 21°49 | 13°47 | 18°D 7 | 13°23 | 12° 7 | 2°43 | 20°19 | T 30 |
| W31 | 22 37 20 | 7♍40'03 | 0♈59 | 22♍22 | 0♎ 9 | 5♋54 | 13♏ 6 | 17♒22 | 21♓47 | 13♌49 | 18♐ 7 | 13♌20 | 12♌ 4 | 2♌50 | 20♉17 | 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 | 18n 5 | 14s39 | 0s54 | 21n43 | 0n34 | 15n10 | 1n28 | 22n40 | 0s 7 | 13s49 | 0n59 | 16s10 | 1s15 | 3s36 | 0s48 | 17n 7 | 0n 7 | 14s46 | 8n13 | 16n48 | 16n45 | 19n 3 | 14s16 | 7n33 |
| T 2 | 17 50 | 10 35 | 2 13 | 21 32 | 0 44 | 14 46 | 1 29 | 22 45 | 0 6 | 13 51 | 0 59 | 16 11 | 1 15 | 3 37 | 0 48 | 17 6 | 0 7 | 14 46 | 8 13 | 16 48 | 16 46 | 19 2 | 14 17 | 7 32 |
| W 3 | 17 34 | 5 58 | 3 22 | 21 18 | 0 54 | 14 21 | 1 29 | 22 49 | 0 5 | 13 52 | 0 59 | 16 13 | 1 16 | 3 38 | 0 48 | 17 6 | 0 7 | 14 47 | 8 12 | 16 48 | 16 47 | 19 2 | 14 18 | 7 32 |
| T 4 | 17 19 | 1 10 | 4 16 | 21 2 | 1 3 | 13 56 | 1 29 | 22 54 | 0 4 | 13 54 | 0 59 | 16 14 | 1 16 | 3 38 | 0 48 | 17 5 | 0 7 | 14 47 | 8 12 | 16 48 | 16 47 | 19 1 | 14 18 | 7 32 |
| F 5 | 17 3 | 3n33 | 4 53 | 20 43 | 1 11 | 13 30 | 1 29 | 22 58 | 0 3 | 13 56 | 0 58 | 16 16 | 1 16 | 3 39 | 0 48 | 17 5 | 0 7 | 14 47 | 8 12 | 16 48 | 16 48 | 19 1 | 14 19 | 7 32 |
| S 6 | 16 46 | 7 56 | 5 14 | 20 21 | 1 18 | 13 4 | 1 29 | 23 2 | 0 3 | 13 58 | 0 58 | 16 17 | 1 16 | 3 40 | 0 48 | 17 4 | 0 7 | 14 47 | 8 11 | 16 48 | 16 49 | 19 0 | 14 20 | 7 32 |
| S 7 | 16 30 | 11 49 | 5 17 | 19 57 | 1 24 | 12 38 | 1 28 | 23 6 | 0 2 | 14 0 | 0 58 | 16 19 | 1 16 | 3 40 | 0 48 | 17 3 | 0 7 | 14 48 | 8 11 | 16 48 | 16 50 | 18 59 | 14 21 | 7 31 |
| M 8 | 16 13 | 15 5 | 5 6 | 19 31 | 1 30 | 12 11 | 1 28 | 23 10 | 0 1 | 14 2 | 0 58 | 16 20 | 1 16 | 3 41 | 0 48 | 17 3 | 0 7 | 14 48 | 8 11 | 16 48 | 16 51 | 18 59 | 14 21 | 7 31 |
| T 9 | 15 55 | 17 35 | 4 40 | 19 2 | 1 35 | 11 44 | 1 28 | 23 13 | 0n 0 | 14 4 | 0 57 | 16 22 | 1 16 | 3 42 | 0 48 | 17 2 | 0 7 | 14 48 | 8 10 | 16 48 | 16 52 | 18 58 | 14 22 | 7 31 |
| W10 | 15 38 | 19 17 | 4 3 | 18 31 | 1 38 | 11 17 | 1 27 | 23 16 | 0 1 | 14 6 | 0 57 | 16 23 | 1 16 | 3 42 | 0 48 | 17 2 | 0 7 | 14 48 | 8 10 | 16 48 | 16 53 | 18 58 | 14 23 | 7 31 |
| T 11 | 15 20 | 20 6 | 3 15 | 17 58 | 1 41 | 10 49 | 1 27 | 23 19 | 0 2 | 14 8 | 0 57 | 16 25 | 1 16 | 3 43 | 0 48 | 17 1 | 0 7 | 14 49 | 8 10 | 16 48 | 16 54 | 18 57 | 14 23 | 7 30 |
| F 12 | 15 2 | 20 1 | 2 20 | 17 24 | 1 44 | 10 22 | 1 26 | 23 22 | 0 3 | 14 10 | 0 57 | 16 26 | 1 16 | 3 44 | 0 48 | 17 0 | 0 7 | 14 49 | 8 9 | 16 47 | 16 55 | 18 57 | 14 24 | 7 30 |
| S 13 | 14 44 | 19 3 | 1 18 | 16 47 | 1 45 | 9 54 | 1 26 | 23 25 | 0 4 | 14 12 | 0 56 | 16 28 | 1 16 | 3 45 | 0 48 | 17 0 | 0 7 | 14 49 | 8 9 | 16 47 | 16 56 | 18 56 | 14 25 | 7 30 |
| S 14 | 14 26 | 17 15 | 0 14 | 16 10 | 1 46 | 9 25 | 1 25 | 23 27 | 0 5 | 14 14 | 0 56 | 16 29 | 1 17 | 3 45 | 0 48 | 16 59 | 0 7 | 14 50 | 8 9 | 16 47 | 16 57 | 18 55 | 14 26 | 7 29 |
| M15 | 14 7 | 14 43 | 0n52 | 15 30 | 1 46 | 8 57 | 1 24 | 23 29 | 0 5 | 14 17 | 0 56 | 16 31 | 1 17 | 3 46 | 0 48 | 16 58 | 0 7 | 14 50 | 8 8 | 16 47 | 16 57 | 18 55 | 14 26 | 7 29 |
| T 16 | 13 48 | 11 32 | 1 56 | 14 50 | 1 45 | 8 28 | 1 24 | 23 32 | 0 6 | 14 19 | 0 56 | 16 32 | 1 17 | 3 47 | 0 48 | 16 58 | 0 7 | 14 50 | 8 8 | 16 47 | 16 58 | 18 54 | 14 27 | 7 29 |
| W17 | 13 29 | 7 51 | 2 55 | 14 9 | 1 44 | 7 59 | 1 23 | 23 33 | 0 7 | 14 21 | 0 56 | 16 34 | 1 17 | 3 48 | 0 48 | 16 57 | 0 7 | 14 50 | 8 8 | 16 48 | 16 59 | 18 54 | 14 28 | 7 29 |
| T 18 | 13 10 | 3 48 | 3 47 | 13 26 | 1 42 | 7 29 | 1 22 | 23 35 | 0 8 | 14 24 | 0 55 | 16 35 | 1 17 | 3 49 | 0 48 | 16 57 | 0 7 | 14 51 | 8 7 | 16 48 | 17 0 | 18 53 | 14 28 | 7 28 |
| F 19 | 12 51 | 0s28 | 4 29 | 12 43 | 1 40 | 7 0 | 1 21 | 23 37 | 0 9 | 14 26 | 0 55 | 16 36 | 1 17 | 3 50 | 0 48 | 16 56 | 0 7 | 14 51 | 8 7 | 16 49 | 17 1 | 18 52 | 14 29 | 7 28 |
| S 20 | 12 31 | 4 47 | 4 59 | 11 59 | 1 37 | 6 30 | 1 20 | 23 38 | 0 10 | 14 28 | 0 55 | 16 38 | 1 17 | 3 50 | 0 48 | 16 55 | 0 7 | 14 51 | 8 7 | 16 49 | 17 2 | 18 52 | 14 30 | 7 27 |
| S 21 | 12 11 | 8 58 | 5 15 | 11 15 | 1 34 | 6 0 | 1 19 | 23 39 | 0 11 | 14 31 | 0 55 | 16 39 | 1 17 | 3 51 | 0 48 | 16 55 | 0 7 | 14 52 | 8 6 | 16 50 | 17 3 | 18 51 | 14 31 | 7 27 |
| M22 | 11 51 | 12 49 | 5 14 | 10 30 | 1 30 | 5 30 | 1 18 | 23 40 | 0 12 | 14 33 | 0 54 | 16 41 | 1 17 | 3 52 | 0 48 | 16 54 | 0 7 | 14 52 | 8 6 | 16 50 | 17 4 | 18 50 | 14 31 | 7 27 |
| T 23 | 11 31 | 16 7 | 4 56 | 9 45 | 1 26 | 5 0 | 1 16 | 23 41 | 0 13 | 14 36 | 0 54 | 16 42 | 1 17 | 3 53 | 0 48 | 16 54 | 0 7 | 14 52 | 8 6 | 16 50 | 17 5 | 18 50 | 14 32 | 7 26 |
| W24 | 11 10 | 18 35 | 4 21 | 9 0 | 1 21 | 4 30 | 1 15 | 23 41 | 0 14 | 14 39 | 0 54 | 16 43 | 1 17 | 3 54 | 0 48 | 16 53 | 0 7 | 14 53 | 8 5 | 16 50 | 17 5 | 18 49 | 14 33 | 7 26 |
| T 25 | 10 49 | 19 58 | 3 29 | 8 14 | 1 16 | 3 59 | 1 14 | 23 42 | 0 15 | 14 41 | 0 54 | 16 45 | 1 17 | 3 55 | 0 48 | 16 52 | 0 7 | 14 53 | 8 5 | 16 49 | 17 6 | 18 49 | 14 33 | 7 26 |
| F 26 | 10 29 | 20 4 | 2 23 | 7 28 | 1 11 | 3 29 | 1 12 | 23 42 | 0 16 | 14 44 | 0 54 | 16 46 | 1 17 | 3 56 | 0 48 | 16 52 | 0 7 | 14 53 | 8 5 | 16 49 | 17 7 | 18 48 | 14 34 | 7 25 |
| S 27 | 10 8 | 18 47 | 1 5 | 6 42 | 1 5 | 2 58 | 1 11 | 23 42 | 0 17 | 14 46 | 0 53 | 16 48 | 1 17 | 3 57 | 0 48 | 16 51 | 0 7 | 14 54 | 8 4 | 16 49 | 17 8 | 18 47 | 14 35 | 7 25 |
| S 28 | 9 47 | 16 11 | 0s17 | 5 56 | 0 59 | 2 28 | 1 9 | 23 42 | 0 18 | 14 49 | 0 53 | 16 49 | 1 17 | 3 57 | 0 48 | 16 51 | 0 7 | 14 54 | 8 4 | 16 49 | 17 9 | 18 47 | 14 36 | 7 24 |
| M29 | 9 25 | 12 29 | 1 38 | 5 10 | 0 53 | 1 57 | 1 7 | 23 42 | 0 19 | 14 52 | 0 53 | 16 50 | 1 17 | 3 58 | 0 48 | 16 50 | 0 7 | 14 55 | 8 4 | 16 49 | 17 10 | 18 46 | 14 36 | 7 24 |
| T 30 | 9 4 | 8 2 | 2 52 | 4 24 | 0 47 | 1 26 | 1 6 | 23 41 | 0 20 | 14 55 | 0 53 | 16 51 | 1 17 | 3 59 | 0 48 | 16 49 | 0 7 | 14 55 | 8 3 | 16 49 | 17 11 | 18 45 | 14 37 | 7 24 |
| W31 | 8n42 | 3s10 | 3s53 | 3n39 | 0n40 | 0n55 | 1n 4 | 23n41 | 0n21 | 14s57 | 0n53 | 16s53 | 1s17 | 4s 0 | 0s48 | 16n49 | 0n 7 | 14s55 | 8n 3 | 16n50 | 17n12 | 18n45 | 14s38 | 7n23 |

Julian Day Number = 2363003.5, Delta T = 18.18 sec
Ecliptic obliquity = 23°28'08, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°21'21, Lahiri = 20°28'22Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1757
# geocentric

## SEPTEMBER 1757 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 22 41 17 | 8♍38'11 | 15♈15 | 24♍ 1 | 1♎23 | 6♋31 | 13♏15 | 17°R18 | 21°R44 | 13♌51 | 18♐ 7 | 13°R17 | 12♌ 1 | 2♌57 | 20°R15 | T 1 |
| F 2 | 22 45 13 | 9°36'20 | 29° 6 | 25°39 | 2°37 | 7° 8 | 13°24 | 17♒14 | 21♓42 | 13°54 | 18° 7 | 13♌13 | 11°58 | 3° 3 | 20♑13 | F 2 |
| S 3 | 22 49 10 | 10°34'32 | 12♉31 | 27°16 | 3°50 | 7°45 | 13°33 | 17°10 | 21°40 | 13°56 | 18° 7 | 13°10 | 11°55 | 3°10 | 20°12 | S 3 |
| S 4 | 22 53 6 | 11°32'46 | 25°29 | 28°51 | 5° 4 | 8°22 | 13°42 | 17° 6 | 21°37 | 13°58 | 18° 7 | 13° 8 | 11°52 | 3°17 | 20°10 | S 4 |
| M 5 | 22 57 3 | 12°31'02 | 8♊ 5 | 0♎25 | 6°17 | 8°59 | 13°51 | 17° 2 | 21°35 | 14° 0 | 18° 7 | 13°D 7 | 11°48 | 3°23 | 20° 8 | M 5 |
| T 6 | 23 0 59 | 13°29'20 | 20°21 | 1°59 | 7°31 | 9°36 | 14° 0 | 16°58 | 21°33 | 14° 2 | 18° 8 | 13° 7 | 11°45 | 3°30 | 20° 7 | T 6 |
| W 7 | 23 4 56 | 14°27'40 | 2♋22 | 3°31 | 8°45 | 10°13 | 14°10 | 16°54 | 21°30 | 14° 4 | 18° 8 | 13° 8 | 11°42 | 3°37 | 20° 5 | W 7 |
| T 8 | 23 8 52 | 15°26'03 | 14°15 | 5° 1 | 9°58 | 10°49 | 14°19 | 16°51 | 21°28 | 14° 6 | 18° 8 | 13°10 | 11°39 | 3°43 | 20° 4 | T 8 |
| F 9 | 23 12 49 | 16°24'27 | 26° 2 | 6°31 | 11°12 | 11°26 | 14°29 | 16°47 | 21°26 | 14° 8 | 18° 8 | 13°11 | 11°36 | 3°50 | 20° 3 | F 9 |
| S 10 | 23 16 45 | 17°22'54 | 7♌50 | 8° 0 | 12°25 | 12° 2 | 14°39 | 16°44 | 21°23 | 14° 9 | 18° 9 | 13°R12 | 11°32 | 3°56 | 20° 1 | S 10 |
| S 11 | 23 20 42 | 18°21'22 | 19°41 | 9°27 | 13°39 | 12°38 | 14°48 | 16°40 | 21°21 | 14°11 | 18° 9 | 13°12 | 11°29 | 4° 3 | 20° 0 | S 11 |
| M12 | 23 24 39 | 19°19'52 | 1♍38 | 10°53 | 14°52 | 13°14 | 14°58 | 16°37 | 21°18 | 14°13 | 18°10 | 13°11 | 11°26 | 4°10 | 19°59 | M12 |
| T 13 | 23 28 35 | 20°18'25 | 13°46 | 12°18 | 16° 6 | 13°50 | 15° 8 | 16°33 | 21°16 | 14°15 | 18°10 | 13° 7 | 11°23 | 4°16 | 19°58 | T 13 |
| W14 | 23 32 32 | 21°16'59 | 26° 4 | 13°42 | 17°19 | 14°26 | 15°18 | 16°30 | 21°14 | 14°17 | 18°10 | 13° 2 | 11°20 | 4°23 | 19°57 | W14 |
| T 15 | 23 36 28 | 22°15'35 | 8♎34 | 15° 5 | 18°33 | 15° 2 | 15°29 | 16°27 | 21°11 | 14°19 | 18°11 | 12°56 | 11°17 | 4°30 | 19°56 | T 15 |
| F 16 | 23 40 25 | 23°14'14 | 21°17 | 16°26 | 19°46 | 15°38 | 15°39 | 16°24 | 21° 9 | 14°21 | 18°12 | 12°49 | 11°13 | 4°36 | 19°55 | F 16 |
| S 17 | 23 44 21 | 24°12'54 | 4♏14 | 17°46 | 21° 0 | 16°13 | 15°49 | 16°21 | 21° 6 | 14°23 | 18°12 | 12°42 | 11°10 | 4°43 | 19°55 | S 17 |
| S 18 | 23 48 18 | 25°11'35 | 17°23 | 19° 5 | 22°13 | 16°48 | 16° 0 | 16°18 | 21° 4 | 14°24 | 18°13 | 12°35 | 11° 7 | 4°50 | 19°54 | S 18 |
| M19 | 23 52 14 | 26°10'19 | 0♐45 | 20°22 | 23°27 | 17°23 | 16°10 | 16°15 | 21° 2 | 14°26 | 18°13 | 12°31 | 11° 4 | 4°56 | 19°53 | M19 |
| T 20 | 23 56 11 | 27° 9'04 | 14°21 | 21°38 | 24°40 | 17°59 | 16°21 | 16°12 | 20°59 | 14°28 | 18°14 | 12°28 | 11° 1 | 5° 3 | 19°53 | T 20 |
| W21 | 0 0 8 | 28° 7'51 | 28°10 | 22°52 | 25°53 | 18°33 | 16°32 | 16° 9 | 20°57 | 14°30 | 18°15 | 12°D27 | 10°57 | 5°10 | 19°52 | W21 |
| T 22 | 0 4 4 | 29° 6'40 | 12♑13 | 24° 5 | 27° 7 | 19° 8 | 16°42 | 16° 6 | 20°54 | 14°31 | 18°15 | 12°28 | 10°54 | 5°16 | 19°52 | T 22 |
| F 23 | 0 8 1 | 0♎ 5'31 | 26°29 | 25°15 | 28°20 | 19°43 | 16°53 | 16° 4 | 20°52 | 14°33 | 18°16 | 12°29 | 10°51 | 5°23 | 19°52 | F 23 |
| S 24 | 0 11 57 | 1° 4'23 | 10♒56 | 26°25 | 29°34 | 20°17 | 17° 4 | 16° 1 | 20°50 | 14°35 | 18°17 | 12°R30 | 10°48 | 5°29 | 19°51 | S 24 |
| S 25 | 0 15 54 | 2° 3'17 | 25°30 | 27°32 | 0♏47 | 20°52 | 17°15 | 15°59 | 20°47 | 14°36 | 18°18 | 12°29 | 10°45 | 5°36 | 19°51 | S 25 |
| M26 | 0 19 50 | 3° 2'12 | 10♓ 9 | 28°37 | 2° 0 | 21°26 | 17°26 | 15°56 | 20°45 | 14°38 | 18°19 | 12°26 | 10°42 | 5°43 | 19°51 | M26 |
| T 27 | 0 23 47 | 4° 1'10 | 24°44 | 29°39 | 3°14 | 22° 0 | 17°38 | 15°54 | 20°43 | 14°39 | 18°20 | 12°21 | 10°38 | 5°49 | 19°D51 | T 27 |
| W28 | 0 27 43 | 5° 0'09 | 9♈ 9 | 0♏40 | 4°27 | 22°34 | 17°49 | 15°52 | 20°40 | 14°41 | 18°21 | 12°14 | 10°35 | 5°56 | 19°51 | W28 |
| T 29 | 0 31 40 | 5°59'11 | 23°19 | 1°37 | 5°40 | 23° 8 | 18° 0 | 15°50 | 20°38 | 14°43 | 18°22 | 12° 6 | 10°32 | 6° 3 | 19°51 | T 29 |
| F 30 | 0 35 37 | 6♎58'15 | 7♉ 8 | 2♏32 | 6♏53 | 23♋41 | 18♏12 | 15♒48 | 20♓36 | 14♌44 | 18♐22 | 11♌56 | 10♌29 | 6♌ 9 | 19♑52 | F 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 |
| T 1 | 8n21 | 1n45 | 4s38 | 2n53 | 0n33 | 0n24 | 1n 2 | 23n40 | 0n22 | 15s 0 | 0n52 | 16s54 | 1s17 | 4s 1 | 0s48 | 16n48 | 0n 7 | 14s56 | 8n 2 | 16n51 | 17n13 | 18n44 | 14s38 | 7n23 |
| F 2 | 7 59 | 6 25 | 5 5 | 2 8 | 0 26 | 0s 7 | 1 0 | 23 39 | 0 23 | 15 3 | 0 52 | 16 55 | 1 17 | 4 2 | 0 48 | 16 48 | 0 7 | 14 56 | 8 2 | 16 52 | 17 14 | 18 43 | 14 39 | 7 22 |
| S 3 | 7 37 | 10 37 | 5 14 | 1 23 | 0 19 | 0 38 | 0 58 | 23 38 | 0 24 | 15 6 | 0 52 | 16 56 | 1 17 | 4 3 | 0 48 | 16 47 | 0 7 | 14 56 | 8 2 | 16 53 | 17 14 | 18 43 | 14 40 | 7 22 |
| S 4 | 7 15 | 14 11 | 5 7 | 0 38 | 0 12 | 1 9 | 0 56 | 23 37 | 0 25 | 15 9 | 0 52 | 16 58 | 1 17 | 4 4 | 0 48 | 16 46 | 0 7 | 14 57 | 8 1 | 16 54 | 17 15 | 18 42 | 14 40 | 7 21 |
| M 5 | 6 52 | 16 59 | 4 45 | 0s 6 | 0 4 | 1 40 | 0 54 | 23 35 | 0 26 | 15 12 | 0 52 | 16 59 | 1 18 | 4 5 | 0 48 | 16 46 | 0 7 | 14 57 | 8 1 | 16 54 | 17 16 | 18 41 | 14 41 | 7 21 |
| T 6 | 6 30 | 18 57 | 4 10 | 0 50 | 0s 3 | 2 11 | 0 52 | 23 34 | 0 27 | 15 15 | 0 51 | 17 0 | 1 18 | 4 6 | 0 48 | 16 45 | 0 7 | 14 57 | 8 1 | 16 54 | 17 17 | 18 41 | 14 42 | 7 20 |
| W 7 | 6 7 | 20 1 | 3 25 | 1 34 | 0 11 | 2 42 | 0 50 | 23 32 | 0 28 | 15 18 | 0 51 | 17 1 | 1 18 | 4 7 | 0 48 | 16 45 | 0 7 | 14 58 | 8 0 | 16 54 | 17 18 | 18 40 | 14 43 | 7 20 |
| T 8 | 5 45 | 20 11 | 2 32 | 2 17 | 0 19 | 3 13 | 0 48 | 23 30 | 0 29 | 15 21 | 0 51 | 17 2 | 1 18 | 4 8 | 0 48 | 16 44 | 0 7 | 14 58 | 8 0 | 16 53 | 17 19 | 18 39 | 14 43 | 7 19 |
| F 9 | 5 22 | 19 27 | 1 33 | 3 0 | 0 26 | 3 44 | 0 46 | 23 28 | 0 30 | 15 24 | 0 51 | 17 3 | 1 18 | 4 9 | 0 48 | 16 44 | 0 7 | 14 59 | 8 0 | 16 53 | 17 20 | 18 38 | 14 44 | 7 19 |
| S 10 | 4 59 | 17 52 | 0 29 | 3 42 | 0 34 | 4 15 | 0 43 | 23 26 | 0 31 | 15 27 | 0 51 | 17 5 | 1 18 | 4 10 | 0 48 | 16 43 | 0 7 | 14 59 | 7 59 | 16 52 | 17 21 | 18 38 | 14 45 | 7 18 |
| S 11 | 4 37 | 15 30 | 0n35 | 4 24 | 0 42 | 4 46 | 0 41 | 23 24 | 0 32 | 15 30 | 0 50 | 17 6 | 1 18 | 4 10 | 0 48 | 16 43 | 0 7 | 14 59 | 7 59 | 16 53 | 17 21 | 18 37 | 14 45 | 7 18 |
| M12 | 4 14 | 12 27 | 1 39 | 5 5 | 0 50 | 5 16 | 0 39 | 23 21 | 0 33 | 15 33 | 0 50 | 17 7 | 1 18 | 4 11 | 0 48 | 16 42 | 0 7 | 15 0 | 7 58 | 16 53 | 17 22 | 18 36 | 14 46 | 7 17 |
| T 13 | 3 51 | 8 50 | 2 39 | 5 46 | 0 58 | 5 47 | 0 36 | 23 19 | 0 34 | 15 36 | 0 50 | 17 8 | 1 18 | 4 12 | 0 48 | 16 41 | 0 7 | 15 0 | 7 58 | 16 54 | 17 23 | 18 36 | 14 46 | 7 17 |
| W14 | 3 28 | 4 49 | 3 32 | 6 26 | 1 6 | 6 18 | 0 34 | 23 16 | 0 35 | 15 39 | 0 50 | 17 9 | 1 18 | 4 13 | 0 48 | 16 41 | 0 7 | 15 1 | 7 58 | 16 55 | 17 24 | 18 35 | 14 47 | 7 17 |
| T 15 | 3 4 | 0 31 | 4 16 | 7 5 | 1 14 | 6 48 | 0 31 | 23 13 | 0 36 | 15 42 | 0 50 | 17 10 | 1 18 | 4 14 | 0 48 | 16 40 | 0 7 | 15 1 | 7 57 | 16 57 | 17 25 | 18 34 | 14 48 | 7 16 |
| F 16 | 2 41 | 3s52 | 4 48 | 7 44 | 1 22 | 7 18 | 0 29 | 23 10 | 0 37 | 15 45 | 0 50 | 17 11 | 1 18 | 4 15 | 0 48 | 16 40 | 0 7 | 15 1 | 7 57 | 16 59 | 17 26 | 18 33 | 14 48 | 7 15 |
| S 17 | 2 18 | 8 8 | 5 6 | 8 22 | 1 30 | 7 48 | 0 26 | 23 7 | 0 38 | 15 48 | 0 49 | 17 11 | 1 18 | 4 16 | 0 48 | 16 39 | 0 7 | 15 2 | 7 57 | 17 1 | 17 27 | 18 33 | 14 49 | 7 15 |
| S 18 | 1 55 | 12 6 | 5 8 | 8 59 | 1 37 | 8 18 | 0 23 | 23 4 | 0 39 | 15 52 | 0 49 | 17 12 | 1 18 | 4 17 | 0 48 | 16 39 | 0 7 | 15 2 | 7 56 | 17 3 | 17 28 | 18 32 | 14 50 | 7 14 |
| M19 | 1 31 | 15 32 | 4 54 | 9 35 | 1 45 | 8 48 | 0 21 | 23 0 | 0 41 | 15 55 | 0 49 | 17 13 | 1 18 | 4 18 | 0 48 | 16 38 | 0 7 | 15 3 | 7 56 | 17 4 | 17 28 | 18 31 | 14 50 | 7 14 |
| T 20 | 1 8 | 18 12 | 4 23 | 10 11 | 1 53 | 9 17 | 0 18 | 22 57 | 0 42 | 15 58 | 0 49 | 17 14 | 1 17 | 4 19 | 0 48 | 16 38 | 0 7 | 15 3 | 7 56 | 17 5 | 17 29 | 18 31 | 14 51 | 7 13 |
| W21 | 0 45 | 19 51 | 3 37 | 10 46 | 2 0 | 9 47 | 0 15 | 22 53 | 0 43 | 16 1 | 0 49 | 17 15 | 1 17 | 4 20 | 0 48 | 16 37 | 0 7 | 15 3 | 7 55 | 17 5 | 17 30 | 18 30 | 14 51 | 7 13 |
| T 22 | 0 21 | 20 19 | 2 36 | 11 20 | 2 8 | 10 16 | 0 12 | 22 50 | 0 44 | 16 4 | 0 49 | 17 16 | 1 17 | 4 21 | 0 48 | 16 37 | 0 7 | 15 4 | 7 55 | 17 5 | 17 31 | 18 29 | 14 52 | 7 12 |
| F 23 | 0s 2 | 19 29 | 1 26 | 11 53 | 2 15 | 10 45 | 0 10 | 22 46 | 0 45 | 16 8 | 0 48 | 17 16 | 1 17 | 4 22 | 0 48 | 16 36 | 0 7 | 15 4 | 7 55 | 17 5 | 17 32 | 18 28 | 14 52 | 7 12 |
| S 24 | 0 26 | 17 23 | 0 9 | 12 24 | 2 22 | 11 13 | 0 7 | 22 42 | 0 46 | 16 11 | 0 48 | 17 17 | 1 17 | 4 23 | 0 48 | 16 36 | 0 7 | 15 5 | 7 54 | 17 5 | 17 33 | 18 27 | 14 53 | 7 11 |
| S 25 | 0 49 | 14 8 | 1s10 | 12 55 | 2 29 | 11 42 | 0 4 | 22 38 | 0 47 | 16 14 | 0 48 | 17 18 | 1 17 | 4 24 | 0 48 | 16 35 | 0 7 | 15 5 | 7 54 | 17 5 | 17 34 | 18 27 | 14 54 | 7 11 |
| M26 | 1 13 | 9 59 | 2 23 | 13 25 | 2 35 | 12 10 | 0 1 | 22 33 | 0 48 | 16 18 | 0 48 | 17 19 | 1 17 | 4 25 | 0 48 | 16 35 | 0 8 | 15 6 | 7 54 | 17 5 | 17 35 | 18 26 | 14 54 | 7 10 |
| T 27 | 1 36 | 5 16 | 3 27 | 13 53 | 2 42 | 12 38 | 0s 2 | 22 29 | 0 50 | 16 21 | 0 48 | 17 19 | 1 17 | 4 25 | 0 48 | 16 35 | 0 8 | 15 6 | 7 53 | 17 7 | 17 35 | 18 25 | 14 55 | 7 10 |
| W28 | 1 59 | 0 18 | 4 17 | 14 20 | 2 48 | 13 6 | 0 5 | 22 25 | 0 51 | 16 24 | 0 48 | 17 20 | 1 17 | 4 26 | 0 48 | 16 34 | 0 8 | 15 6 | 7 53 | 17 9 | 17 36 | 18 24 | 14 55 | 7 9 |
| T 29 | 2 23 | 4n35 | 4 50 | 14 46 | 2 54 | 13 33 | 0 8 | 22 20 | 0 52 | 16 27 | 0 47 | 17 20 | 1 17 | 4 27 | 0 48 | 16 34 | 0 8 | 15 7 | 7 52 | 17 11 | 17 37 | 18 24 | 14 56 | 7 9 |
| F 30 | 2s46 | 9n 6 | 5s 5 | 15s10 | 2s59 | 14s 0 | 0s11 | 22n16 | 0n53 | 16s31 | 0n47 | 17s21 | 1s17 | 4s28 | 0s48 | 16n33 | 0n 8 | 15s 7 | 7n52 | 17n14 | 17n38 | 18n23 | 14s56 | 7n 8 |

Julian Day Number = 2363034.5, Delta T = 18.20 sec
Ecliptic obliquity = 23°28'09, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°21'25, Lahiri = 20°28'26Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1757
# geocentric

## OCTOBER 1757 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 0 39 33 | 7♎57'21 | 20♉32 | 3♏24 | 8♏ 7 | 24♋15 | 18♏23 | 15°R46 | 20°R33 | 14♌46 | 18♐24 | 11°R48 | 10♌26 | 6♌16 | 19♑52 | S 1 |
| S 2 | 0 43 30 | 8°56'29 | 3♊33 | 4°13 | 9°20 | 24°48 | 18°35 | 15♒44 | 20♓31 | 14°47 | 18°25 | 11♌41 | 10°23 | 6°23 | 19°52 | S 2 |
| M 3 | 0 47 26 | 9°55'40 | 16°10 | 4°57 | 10°33 | 25°21 | 18°46 | 15°42 | 20°29 | 14°49 | 18°26 | 11°36 | 10°19 | 6°29 | 19°53 | M 3 |
| T 4 | 0 51 23 | 10°54'53 | 28°28 | 5°38 | 11°46 | 25°54 | 18°58 | 15°41 | 20°27 | 14°50 | 18°27 | 11°33 | 10°16 | 6°36 | 19°53 | T 4 |
| W 5 | 0 55 19 | 11°54'08 | 10♋30 | 6°15 | 12°59 | 26°27 | 19°10 | 15°39 | 20°25 | 14°51 | 18°28 | 11°D32 | 10°13 | 6°43 | 19°54 | W 5 |
| T 6 | 0 59 16 | 12°53'26 | 22°22 | 6°46 | 14°12 | 26°59 | 19°22 | 15°38 | 20°22 | 14°53 | 18°29 | 11°32 | 10°10 | 6°49 | 19°55 | T 6 |
| F 7 | 1 3 12 | 13°52'46 | 4♌10 | 7°13 | 15°26 | 27°32 | 19°34 | 15°37 | 20°20 | 14°54 | 18°30 | 11°33 | 10° 7 | 6°56 | 19°55 | F 7 |
| S 8 | 1 7 9 | 14°52'08 | 15°59 | 7°33 | 16°39 | 28° 4 | 19°46 | 15°35 | 20°18 | 14°55 | 18°31 | 11°R33 | 10° 3 | 7° 3 | 19°56 | S 8 |
| S 9 | 1 11 5 | 15°51'32 | 27°53 | 7°48 | 17°52 | 28°36 | 19°58 | 15°34 | 20°16 | 14°57 | 18°33 | 11°32 | 10° 0 | 7° 9 | 19°57 | S 9 |
| M10 | 1 15 2 | 16°50'59 | 9♍57 | 7°56 | 19° 5 | 29° 8 | 20°10 | 15°33 | 20°14 | 14°58 | 18°34 | 11°28 | 9°57 | 7°16 | 19°58 | M10 |
| T 11 | 1 18 59 | 17°50'28 | 22°14 | 7°R57 | 20°18 | 29°40 | 20°22 | 15°32 | 20°12 | 14°59 | 18°35 | 11°21 | 9°54 | 7°22 | 19°59 | T 11 |
| W12 | 1 22 55 | 18°49'59 | 4♎47 | 7°50 | 21°31 | 0♌12 | 20°34 | 15°31 | 20°10 | 15° 0 | 18°37 | 11°12 | 9°51 | 7°29 | 20° 0 | W12 |
| T 13 | 1 26 52 | 19°49'32 | 17°36 | 7°35 | 22°44 | 0°43 | 20°46 | 15°31 | 20° 8 | 15° 2 | 18°38 | 11° 1 | 9°48 | 7°36 | 20° 1 | T 13 |
| F 14 | 1 30 48 | 20°49'07 | 0♏41 | 7°11 | 23°57 | 1°14 | 20°59 | 15°30 | 20° 6 | 15° 3 | 18°39 | 10°49 | 9°44 | 7°42 | 20° 3 | F 14 |
| S 15 | 1 34 45 | 21°48'44 | 14° 1 | 6°39 | 25°10 | 1°45 | 21°11 | 15°29 | 20° 4 | 15° 4 | 18°41 | 10°37 | 9°41 | 7°49 | 20° 4 | S 15 |
| S 16 | 1 38 41 | 22°48'24 | 27°33 | 5°58 | 26°23 | 2°16 | 21°24 | 15°29 | 20° 2 | 15° 5 | 18°42 | 10°27 | 9°38 | 7°56 | 20° 5 | S 16 |
| M17 | 1 42 38 | 23°48'05 | 11♐15 | 5° 9 | 27°36 | 2°46 | 21°36 | 15°29 | 20° 0 | 15° 6 | 18°44 | 10°18 | 9°35 | 8° 2 | 20° 7 | M17 |
| T 18 | 1 46 34 | 24°47'48 | 25° 4 | 4°12 | 28°49 | 3°17 | 21°49 | 15°28 | 19°58 | 15° 7 | 18°45 | 10°12 | 9°32 | 8° 9 | 20° 9 | T 18 |
| W19 | 1 50 31 | 25°47'32 | 9♑ 0 | 3° 8 | 0♐ 2 | 3°47 | 22° 1 | 15°28 | 19°56 | 15° 8 | 18°47 | 10° 9 | 9°29 | 8°16 | 20°10 | W19 |
| T 20 | 1 54 28 | 26°47'19 | 23° 1 | 1°58 | 1°15 | 4°17 | 22°14 | 15°D28 | 19°55 | 15° 9 | 18°48 | 10°D 8 | 9°25 | 8°22 | 20°12 | T 20 |
| F 21 | 1 58 24 | 27°47'07 | 7♒ 7 | 0°44 | 2°27 | 4°47 | 22°26 | 15°28 | 19°53 | 15°10 | 18°50 | 10°R 8 | 9°22 | 8°29 | 20°14 | F 21 |
| S 22 | 2 2 21 | 28°46'56 | 21°16 | 29♎28 | 3°40 | 5°16 | 22°39 | 15°28 | 19°51 | 15°11 | 18°51 | 10° 8 | 9°19 | 8°36 | 20°16 | S 22 |
| S 23 | 2 6 17 | 29°46'48 | 5♓28 | 28°12 | 4°53 | 5°45 | 22°52 | 15°29 | 19°49 | 15°12 | 18°53 | 10° 6 | 9°16 | 8°42 | 20°17 | S 23 |
| M24 | 2 10 14 | 0♏46'41 | 19°40 | 26°59 | 6° 6 | 6°14 | 23° 5 | 15°29 | 19°48 | 15°13 | 18°55 | 10° 2 | 9°13 | 8°49 | 20°20 | M24 |
| T 25 | 2 14 10 | 1°46'35 | 3♈49 | 25°50 | 7°18 | 6°43 | 23°17 | 15°30 | 19°46 | 15°13 | 18°56 | 9°54 | 9° 9 | 8°55 | 20°22 | T 25 |
| W26 | 2 18 7 | 2°46'32 | 17°51 | 24°48 | 8°31 | 7°12 | 23°30 | 15°30 | 19°45 | 15°14 | 18°58 | 9°44 | 9° 6 | 9° 2 | 20°24 | W26 |
| T 27 | 2 22 3 | 3°46'30 | 1♉41 | 23°55 | 9°44 | 7°40 | 23°43 | 15°31 | 19°43 | 15°15 | 19° 0 | 9°32 | 9° 3 | 9° 9 | 20°26 | T 27 |
| F 28 | 2 26 0 | 4°46'30 | 15°15 | 23°12 | 10°56 | 8° 8 | 23°56 | 15°32 | 19°42 | 15°16 | 19° 1 | 9°19 | 9° 0 | 9°15 | 20°28 | F 28 |
| S 29 | 2 29 57 | 5°46'32 | 28°31 | 22°40 | 12° 9 | 8°36 | 24° 9 | 15°33 | 19°40 | 15°16 | 19° 3 | 9° 6 | 8°57 | 9°22 | 20°31 | S 29 |
| S 30 | 2 33 53 | 6°46'37 | 11♊26 | 22°20 | 13°21 | 9° 3 | 24°22 | 15°34 | 19°39 | 15°17 | 19° 5 | 8°56 | 8°54 | 9°29 | 20°33 | S 30 |
| M31 | 2 37 50 | 7♏46'43 | 24♊ 0 | 22°D11 | 14♐34 | 9♌31 | 24♏35 | 15♒35 | 19♓37 | 15♌17 | 19♐ 7 | 8♌47 | 8♌50 | 9♌35 | 20♑36 | 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 | 3s10 | 13n 3 | 5s 2 | 15s33 | 3s 4 | 14s27 | 0s14 | 22n11 | 0n54 | 16s34 | 0n47 | 17s22 | 1s17 | 4s29 | 0s48 | 16n33 | 0n 8 | 15s 8 | 7n52 | 17n16 | 17n39 | 18n22 | 14s57 | 7n 8 |
| S 2 | 3 33 | 16 14 | 4 44 | 15 54 | 3 9 | 14 53 | 0 17 | 22 6 | 0 56 | 16 37 | 0 47 | 17 22 | 1 17 | 4 30 | 0 48 | 16 32 | 0 8 | 15 8 | 7 51 | 17 18 | 17 40 | 18 21 | 14 57 | 7 7 |
| M 3 | 3 56 | 18 34 | 4 12 | 16 13 | 3 13 | 15 19 | 0 20 | 22 1 | 0 57 | 16 41 | 0 47 | 17 22 | 1 17 | 4 31 | 0 48 | 16 32 | 0 8 | 15 8 | 7 51 | 17 20 | 17 41 | 18 20 | 14 58 | 7 7 |
| T 4 | 4 19 | 19 58 | 3 30 | 16 30 | 3 16 | 15 45 | 0 23 | 21 57 | 0 58 | 16 44 | 0 47 | 17 23 | 1 17 | 4 32 | 0 48 | 16 32 | 0 8 | 15 9 | 7 51 | 17 20 | 17 41 | 18 20 | 14 58 | 7 6 |
| W 5 | 4 43 | 20 25 | 2 38 | 16 45 | 3 19 | 16 10 | 0 26 | 21 52 | 0 59 | 16 47 | 0 47 | 17 23 | 1 17 | 4 32 | 0 48 | 16 31 | 0 8 | 15 9 | 7 50 | 17 21 | 17 42 | 18 19 | 14 58 | 7 5 |
| T 6 | 5 6 | 19 57 | 1 41 | 16 58 | 3 21 | 16 35 | 0 29 | 21 46 | 1 0 | 16 51 | 0 46 | 17 24 | 1 17 | 4 33 | 0 48 | 16 31 | 0 8 | 15 10 | 7 50 | 17 21 | 17 43 | 18 18 | 14 59 | 7 5 |
| F 7 | 5 29 | 18 36 | 0 39 | 17 8 | 3 23 | 16 59 | 0 32 | 21 41 | 1 2 | 16 54 | 0 46 | 17 24 | 1 17 | 4 34 | 0 48 | 16 30 | 0 8 | 15 10 | 7 50 | 17 20 | 17 44 | 18 17 | 14 59 | 7 4 |
| S 8 | 5 52 | 16 27 | 0n24 | 17 15 | 3 23 | 17 23 | 0 35 | 21 36 | 1 3 | 16 57 | 0 46 | 17 24 | 1 17 | 4 35 | 0 48 | 16 30 | 0 8 | 15 11 | 7 49 | 17 20 | 17 45 | 18 16 | 15 0 | 7 4 |
| S 9 | 6 15 | 13 34 | 1 26 | 17 19 | 3 23 | 17 47 | 0 38 | 21 31 | 1 4 | 17 1 | 0 46 | 17 25 | 1 17 | 4 36 | 0 48 | 16 30 | 0 8 | 15 11 | 7 49 | 17 21 | 17 46 | 18 16 | 15 0 | 7 3 |
| M10 | 6 38 | 10 6 | 2 25 | 17 20 | 3 21 | 18 10 | 0 41 | 21 25 | 1 6 | 17 4 | 0 46 | 17 25 | 1 17 | 4 37 | 0 48 | 16 29 | 0 8 | 15 11 | 7 49 | 17 22 | 17 47 | 18 15 | 15 1 | 7 3 |
| T 11 | 7 1 | 6 8 | 3 19 | 17 18 | 3 18 | 18 33 | 0 44 | 21 20 | 1 7 | 17 8 | 0 46 | 17 25 | 1 17 | 4 37 | 0 48 | 16 29 | 0 8 | 15 12 | 7 49 | 17 24 | 17 47 | 18 14 | 15 1 | 7 2 |
| W12 | 7 23 | 1 50 | 4 4 | 17 12 | 3 14 | 18 55 | 0 47 | 21 15 | 1 8 | 17 11 | 0 46 | 17 25 | 1 17 | 4 38 | 0 48 | 16 29 | 0 8 | 15 12 | 7 48 | 17 26 | 17 48 | 18 13 | 15 1 | 7 2 |
| T 13 | 7 46 | 2s38 | 4 37 | 17 2 | 3 9 | 19 17 | 0 50 | 21 9 | 1 9 | 17 14 | 0 46 | 17 26 | 1 17 | 4 39 | 0 48 | 16 28 | 0 8 | 15 13 | 7 48 | 17 29 | 17 49 | 18 12 | 15 2 | 7 1 |
| F 14 | 8 8 | 7 5 | 4 57 | 16 47 | 3 2 | 19 38 | 0 53 | 21 4 | 1 11 | 17 18 | 0 45 | 17 26 | 1 17 | 4 40 | 0 48 | 16 28 | 0 8 | 15 13 | 7 48 | 17 32 | 17 50 | 18 11 | 15 2 | 7 1 |
| S 15 | 8 31 | 11 16 | 5 1 | 16 28 | 2 53 | 19 59 | 0 56 | 20 58 | 1 12 | 17 21 | 0 45 | 17 26 | 1 17 | 4 40 | 0 48 | 16 28 | 0 8 | 15 14 | 7 47 | 17 36 | 17 51 | 18 10 | 15 2 | 7 0 |
| S 16 | 8 53 | 14 57 | 4 49 | 16 5 | 2 42 | 20 19 | 0 59 | 20 52 | 1 13 | 17 24 | 0 45 | 17 26 | 1 17 | 4 41 | 0 48 | 16 27 | 0 8 | 15 14 | 7 47 | 17 39 | 17 52 | 18 10 | 15 3 | 7 0 |
| M17 | 9 15 | 17 52 | 4 20 | 15 36 | 2 30 | 20 39 | 1 2 | 20 47 | 1 15 | 17 28 | 0 45 | 17 26 | 1 16 | 4 42 | 0 48 | 16 27 | 0 8 | 15 14 | 7 47 | 17 41 | 17 53 | 18 9 | 15 3 | 6 59 |
| T 18 | 9 37 | 19 48 | 3 35 | 15 4 | 2 16 | 20 58 | 1 4 | 20 41 | 1 16 | 17 31 | 0 45 | 17 26 | 1 16 | 4 43 | 0 48 | 16 27 | 0 8 | 15 15 | 7 46 | 17 42 | 17 53 | 18 8 | 15 3 | 6 59 |
| W19 | 9 59 | 20 33 | 2 37 | 14 27 | 2 0 | 21 17 | 1 7 | 20 35 | 1 17 | 17 34 | 0 45 | 17 26 | 1 16 | 4 43 | 0 48 | 16 27 | 0 8 | 15 15 | 7 46 | 17 43 | 17 54 | 18 7 | 15 4 | 6 58 |
| T 20 | 10 20 | 20 2 | 1 29 | 13 46 | 1 42 | 21 35 | 1 10 | 20 29 | 1 19 | 17 38 | 0 45 | 17 26 | 1 16 | 4 44 | 0 48 | 16 26 | 0 8 | 15 16 | 7 46 | 17 44 | 17 55 | 18 6 | 15 4 | 6 57 |
| F 21 | 10 42 | 18 16 | 0 16 | 13 3 | 1 23 | 21 52 | 1 13 | 20 24 | 1 20 | 17 41 | 0 45 | 17 26 | 1 16 | 4 45 | 0 48 | 16 26 | 0 8 | 15 16 | 7 45 | 17 44 | 17 56 | 18 5 | 15 4 | 6 57 |
| S 22 | 11 3 | 15 21 | 0s59 | 12 17 | 1 3 | 22 9 | 1 16 | 20 18 | 1 22 | 17 44 | 0 44 | 17 26 | 1 16 | 4 45 | 0 48 | 16 26 | 0 8 | 15 16 | 7 45 | 17 44 | 17 57 | 18 4 | 15 4 | 6 56 |
| S 23 | 11 25 | 11 32 | 2 10 | 11 31 | 0 43 | 22 26 | 1 19 | 20 12 | 1 23 | 17 48 | 0 44 | 17 26 | 1 16 | 4 46 | 0 48 | 16 26 | 0 8 | 15 17 | 7 45 | 17 44 | 17 58 | 18 4 | 15 5 | 6 56 |
| M24 | 11 46 | 7 3 | 3 13 | 10 45 | 0 22 | 22 41 | 1 21 | 20 6 | 1 25 | 17 51 | 0 44 | 17 25 | 1 16 | 4 46 | 0 48 | 16 25 | 0 8 | 15 17 | 7 45 | 17 45 | 17 58 | 18 3 | 15 5 | 6 55 |
| T 25 | 12 6 | 2 13 | 4 4 | 10 1 | 0 2 | 22 56 | 1 24 | 20 0 | 1 26 | 17 54 | 0 44 | 17 25 | 1 16 | 4 47 | 0 48 | 16 25 | 0 8 | 15 18 | 7 44 | 17 47 | 17 59 | 18 2 | 15 5 | 6 55 |
| W26 | 12 27 | 2n42 | 4 39 | 9 20 | 0n18 | 23 11 | 1 27 | 19 54 | 1 27 | 17 58 | 0 44 | 17 25 | 1 16 | 4 48 | 0 48 | 16 25 | 0 8 | 15 18 | 7 44 | 17 50 | 18 0 | 18 1 | 15 5 | 6 54 |
| T 27 | 12 47 | 7 25 | 4 58 | 8 43 | 0 37 | 23 25 | 1 30 | 19 48 | 1 29 | 18 1 | 0 44 | 17 25 | 1 16 | 4 48 | 0 48 | 16 25 | 0 8 | 15 18 | 7 44 | 17 53 | 18 1 | 18 0 | 15 5 | 6 54 |
| F 28 | 13 8 | 11 40 | 4 59 | 8 11 | 0 55 | 23 38 | 1 32 | 19 43 | 1 30 | 18 4 | 0 44 | 17 25 | 1 16 | 4 49 | 0 47 | 16 24 | 0 8 | 15 19 | 7 43 | 17 57 | 18 2 | 17 59 | 15 6 | 6 53 |
| S 29 | 13 28 | 15 14 | 4 44 | 7 44 | 1 10 | 23 50 | 1 35 | 19 37 | 1 32 | 18 8 | 0 44 | 17 24 | 1 16 | 4 49 | 0 47 | 16 24 | 0 8 | 15 19 | 7 43 | 18 0 | 18 3 | 17 58 | 15 6 | 6 53 |
| S 30 | 13 48 | 17 59 | 4 14 | 7 24 | 1 25 | 24 2 | 1 37 | 19 31 | 1 33 | 18 11 | 0 44 | 17 24 | 1 16 | 4 50 | 0 47 | 16 24 | 0 8 | 15 20 | 7 43 | 18 3 | 18 3 | 17 57 | 15 6 | 6 52 |
| M31 | 14s 7 | 19n47 | 3s33 | 7s 9 | 1n37 | 24s14 | 1s40 | 19n25 | 1n35 | 18s14 | 0n43 | 17s23 | 1s16 | 4s50 | 0s47 | 16n24 | 0n 8 | 15s20 | 7n43 | 18n 5 | 18n 4 | 17n56 | 15s 6 | 6n52 |

Julian Day Number = 2363064.5, Delta T = 18.23 sec
Ecliptic obliquity = 23°28'09, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°21'29, Lahiri = 20°28'30Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1757
# geocentric

## NOVEMBER 1757 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 2 41 46 | 8♏46'51 | 6♋17 | 22♎13 | 15♐46 | 9♌58 | 24♏48 | 15♒36 | 19°R36 | 15♌18 | 19♐ 8 | 8°R42 | 8♌47 | 9♌42 | 20♑38 | T 1 |
| W 2 | 2 45 43 | 9°47'01 | 18°20 | 22°27 | 16°59 | 10°25 | 25° 1 | 15°37 | 19♓35 | 15°19 | 19°10 | 8♌39 | 8°44 | 9°49 | 20°41 | W 2 |
| T 3 | 2 49 39 | 10°47'14 | 0♌12 | 22°50 | 18°11 | 10°51 | 25°14 | 15°38 | 19°34 | 15°19 | 19°12 | 8°38 | 8°41 | 9°55 | 20°43 | T 3 |
| F 4 | 2 53 36 | 11°47'28 | 12° 0 | 23°23 | 19°24 | 11°17 | 25°28 | 15°40 | 19°32 | 15°20 | 19°14 | 8°37 | 8°38 | 10° 2 | 20°46 | F 4 |
| S 5 | 2 57 32 | 12°47'45 | 23°49 | 24° 4 | 20°36 | 11°43 | 25°41 | 15°42 | 19°31 | 15°20 | 19°16 | 8°37 | 8°34 | 10° 9 | 20°49 | S 5 |
| S 6 | 3 1 29 | 13°48'03 | 5♍44 | 24°53 | 21°48 | 12° 9 | 25°54 | 15°43 | 19°30 | 15°20 | 19°18 | 8°36 | 8°31 | 10°15 | 20°52 | S 6 |
| M 7 | 3 5 26 | 14°48'24 | 17°51 | 25°49 | 23° 0 | 12°34 | 26° 7 | 15°45 | 19°29 | 15°21 | 19°20 | 8°32 | 8°28 | 10°22 | 20°55 | M 7 |
| T 8 | 3 9 22 | 15°48'46 | 0♎14 | 26°51 | 24°13 | 12°59 | 26°20 | 15°47 | 19°28 | 15°21 | 19°22 | 8°25 | 8°25 | 10°28 | 20°58 | T 8 |
| W 9 | 3 13 19 | 16°49'10 | 12°56 | 27°58 | 25°25 | 13°24 | 26°34 | 15°49 | 19°27 | 15°21 | 19°24 | 8°16 | 8°22 | 10°35 | 21° 1 | W 9 |
| T 10 | 3 17 15 | 17°49'36 | 26° 0 | 29° 9 | 26°37 | 13°48 | 26°47 | 15°51 | 19°26 | 15°22 | 19°26 | 8° 5 | 8°19 | 10°42 | 21° 4 | T 10 |
| F 11 | 3 21 12 | 18°50'04 | 9♏24 | 0♏24 | 27°49 | 14°12 | 27° 0 | 15°53 | 19°25 | 15°22 | 19°28 | 7°52 | 8°15 | 10°48 | 21° 7 | F 11 |
| S 12 | 3 25 8 | 19°50'34 | 23° 8 | 1°42 | 29° 1 | 14°36 | 27°13 | 15°56 | 19°24 | 15°22 | 19°30 | 7°39 | 8°12 | 10°55 | 21°10 | S 12 |
| S 13 | 3 29 5 | 20°51'05 | 7♐ 6 | 3° 3 | 0♑13 | 14°59 | 27°27 | 15°58 | 19°23 | 15°22 | 19°32 | 7°28 | 8° 9 | 11° 2 | 21°14 | S 13 |
| M14 | 3 33 1 | 21°51'37 | 21°15 | 4°27 | 1°25 | 15°22 | 27°40 | 16° 0 | 19°23 | 15°22 | 19°34 | 7°19 | 8° 6 | 11° 8 | 21°17 | M14 |
| T 15 | 3 36 58 | 22°52'12 | 5♑29 | 5°52 | 2°37 | 15°45 | 27°53 | 16° 3 | 19°22 | 15°23 | 19°36 | 7°12 | 8° 3 | 11°15 | 21°21 | T 15 |
| W16 | 3 40 55 | 23°52'47 | 19°44 | 7°19 | 3°49 | 16° 7 | 28° 7 | 16° 6 | 19°21 | 15°23 | 19°38 | 7° 9 | 8° 0 | 11°22 | 21°24 | W16 |
| T 17 | 3 44 51 | 24°53'24 | 3♒57 | 8°48 | 5° 1 | 16°29 | 28°20 | 16° 9 | 19°21 | 15°R23 | 19°40 | 7°D 8 | 7°56 | 11°28 | 21°28 | T 17 |
| F 18 | 3 48 48 | 25°54'02 | 18° 6 | 10°17 | 6°12 | 16°50 | 28°34 | 16°11 | 19°20 | 15°23 | 19°42 | 7° 8 | 7°53 | 11°35 | 21°31 | F 18 |
| S 19 | 3 52 44 | 26°54'41 | 2♓10 | 11°47 | 7°24 | 17°11 | 28°47 | 16°14 | 19°20 | 15°23 | 19°44 | 7°R 8 | 7°50 | 11°42 | 21°35 | S 19 |
| S 20 | 3 56 41 | 27°55'20 | 16° 8 | 13°18 | 8°36 | 17°32 | 29° 0 | 16°17 | 19°19 | 15°23 | 19°46 | 7° 7 | 7°47 | 11°48 | 21°39 | S 20 |
| M21 | 4 0 37 | 28°56'01 | 29°59 | 14°50 | 9°47 | 17°52 | 29°14 | 16°21 | 19°19 | 15°22 | 19°48 | 7° 3 | 7°44 | 11°55 | 21°42 | M21 |
| T 22 | 4 4 34 | 29°56'44 | 13♈43 | 16°22 | 10°59 | 18°12 | 29°27 | 16°24 | 19°19 | 15°22 | 19°50 | 6°57 | 7°40 | 12° 2 | 21°46 | T 22 |
| W23 | 4 8 30 | 0♐57'27 | 27°19 | 17°55 | 12°10 | 18°32 | 29°41 | 16°27 | 19°18 | 15°22 | 19°53 | 6°48 | 7°37 | 12° 8 | 21°50 | W23 |
| T 24 | 4 12 27 | 1°58'11 | 10♉43 | 19°28 | 13°21 | 18°51 | 29°54 | 16°31 | 19°18 | 15°22 | 19°55 | 6°37 | 7°34 | 12°15 | 21°54 | T 24 |
| F 25 | 4 16 24 | 2°58'57 | 23°55 | 21° 1 | 14°33 | 19° 9 | 0♐ 7 | 16°34 | 19°18 | 15°22 | 19°57 | 6°25 | 7°31 | 12°21 | 21°58 | F 25 |
| S 26 | 4 20 20 | 3°59'44 | 6♊52 | 22°34 | 15°44 | 19°27 | 0°21 | 16°38 | 19°18 | 15°21 | 19°59 | 6°14 | 7°28 | 12°28 | 22° 2 | S 26 |
| S 27 | 4 24 17 | 5° 0'32 | 19°33 | 24° 7 | 16°55 | 19°45 | 0°34 | 16°41 | 19°18 | 15°21 | 20° 1 | 6° 4 | 7°25 | 12°35 | 22° 6 | S 27 |
| M28 | 4 28 13 | 6° 1'21 | 1♋59 | 25°41 | 18° 6 | 20° 2 | 0°47 | 16°45 | 19°D17 | 15°21 | 20° 3 | 5°56 | 7°21 | 12°41 | 22°10 | M28 |
| T 29 | 4 32 10 | 7° 2'12 | 14°11 | 27°14 | 19°17 | 20°19 | 1° 1 | 16°49 | 19°17 | 15°20 | 20° 6 | 5°51 | 7°18 | 12°48 | 22°14 | T 29 |
| W30 | 4 36 6 | 8♐ 3'04 | 26♋11 | 28♏48 | 20♑28 | 20♌35 | 1♐14 | 16♒53 | 19♓18 | 15♌20 | 20♐ 8 | 5♌49 | 7♌15 | 12♌55 | 22♑18 | W30 |

| 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 | 14 s27 | 20n37 | 2 s42 | 7 s 0 | 1n48 | 24 s24 | 1 s42 | 19n19 | 1n36 | 18 s17 | 0n43 | 17 s23 | 1 s16 | 4 s51 | 0 s47 | 16n24 | 0n 8 | 15 s20 | 7n42 | 18n 7 | 18n 5 | 17n55 | 15 s 6 | 6n51 |
| W 2 | 14 46 | 20 28 | 1 45 | 6 57 | 1 57 | 24 34 | 1 44 | 19 14 | 1 38 | 18 21 | 0 43 | 17 23 | 1 16 | 4 51 | 0 47 | 16 24 | 0 8 | 15 21 | 7 42 | 18 7 | 18 6 | 17 54 | 15 6 | 6 51 |
| T 3 | 15 5 | 19 24 | 0 45 | 6 59 | 2 4 | 24 43 | 1 47 | 19 8 | 1 40 | 18 24 | 0 43 | 17 22 | 1 16 | 4 52 | 0 47 | 16 23 | 0 8 | 15 21 | 7 42 | 18 8 | 18 7 | 17 54 | 15 6 | 6 51 |
| F 4 | 15 23 | 17 30 | 0n18 | 7 6 | 2 9 | 24 51 | 1 49 | 19 2 | 1 41 | 18 27 | 0 43 | 17 22 | 1 15 | 4 52 | 0 47 | 16 23 | 0 8 | 15 22 | 7 42 | 18 8 | 18 8 | 17 53 | 15 6 | 6 50 |
| S 5 | 15 42 | 14 51 | 1 20 | 7 17 | 2 13 | 24 59 | 1 51 | 18 56 | 1 43 | 18 30 | 0 43 | 17 21 | 1 15 | 4 53 | 0 47 | 16 23 | 0 8 | 15 22 | 7 41 | 18 8 | 18 8 | 17 52 | 15 6 | 6 50 |
| S 6 | 16 0 | 11 34 | 2 18 | 7 33 | 2 16 | 25 6 | 1 53 | 18 51 | 1 44 | 18 34 | 0 43 | 17 21 | 1 15 | 4 53 | 0 47 | 16 23 | 0 8 | 15 22 | 7 41 | 18 8 | 18 9 | 17 51 | 15 6 | 6 49 |
| M 7 | 16 18 | 7 45 | 3 12 | 7 52 | 2 17 | 25 12 | 1 55 | 18 45 | 1 46 | 18 37 | 0 43 | 17 20 | 1 15 | 4 53 | 0 47 | 16 23 | 0 8 | 15 23 | 7 41 | 18 9 | 18 10 | 17 50 | 15 6 | 6 49 |
| T 8 | 16 36 | 3 32 | 3 57 | 8 14 | 2 17 | 25 18 | 1 58 | 18 40 | 1 48 | 18 40 | 0 43 | 17 19 | 1 15 | 4 54 | 0 47 | 16 23 | 0 8 | 15 23 | 7 41 | 18 11 | 18 11 | 17 49 | 15 6 | 6 48 |
| W 9 | 16 53 | 0 s56 | 4 32 | 8 38 | 2 16 | 25 23 | 1 59 | 18 34 | 1 49 | 18 43 | 0 43 | 17 19 | 1 15 | 4 54 | 0 47 | 16 23 | 0 8 | 15 24 | 7 41 | 18 13 | 18 12 | 17 48 | 15 6 | 6 48 |
| T 10 | 17 10 | 5 29 | 4 54 | 9 5 | 2 15 | 25 27 | 2 1 | 18 29 | 1 51 | 18 46 | 0 43 | 17 18 | 1 15 | 4 55 | 0 47 | 16 23 | 0 8 | 15 24 | 7 40 | 18 16 | 18 13 | 17 47 | 15 6 | 6 47 |
| F 11 | 17 27 | 9 53 | 5 1 | 9 34 | 2 12 | 25 30 | 2 3 | 18 23 | 1 53 | 18 49 | 0 42 | 17 17 | 1 15 | 4 55 | 0 47 | 16 23 | 0 8 | 15 24 | 7 40 | 18 19 | 18 13 | 17 46 | 15 6 | 6 47 |
| S 12 | 17 43 | 13 54 | 4 50 | 10 4 | 2 9 | 25 33 | 2 5 | 18 18 | 1 54 | 18 53 | 0 42 | 17 17 | 1 15 | 4 55 | 0 47 | 16 23 | 0 8 | 15 25 | 7 40 | 18 23 | 18 14 | 17 45 | 15 6 | 6 46 |
| S 13 | 17 59 | 17 13 | 4 22 | 10 35 | 2 5 | 25 35 | 2 7 | 18 13 | 1 56 | 18 56 | 0 42 | 17 16 | 1 15 | 4 55 | 0 47 | 16 23 | 0 8 | 15 25 | 7 40 | 18 26 | 18 15 | 17 44 | 15 6 | 6 46 |
| M14 | 18 15 | 19 33 | 3 38 | 11 7 | 2 1 | 25 36 | 2 8 | 18 8 | 1 58 | 18 59 | 0 42 | 17 15 | 1 15 | 4 56 | 0 47 | 16 23 | 0 8 | 15 25 | 7 39 | 18 28 | 18 16 | 17 43 | 15 6 | 6 46 |
| T 15 | 18 31 | 20 42 | 2 39 | 11 40 | 1 56 | 25 36 | 2 10 | 18 2 | 2 0 | 19 2 | 0 42 | 17 14 | 1 15 | 4 56 | 0 47 | 16 23 | 0 8 | 15 26 | 7 39 | 18 30 | 18 17 | 17 42 | 15 6 | 6 45 |
| W16 | 18 46 | 20 31 | 1 31 | 12 14 | 1 51 | 25 36 | 2 11 | 17 57 | 2 1 | 19 5 | 0 42 | 17 13 | 1 15 | 4 56 | 0 47 | 16 23 | 0 8 | 15 26 | 7 39 | 18 30 | 18 18 | 17 41 | 15 6 | 6 45 |
| T 17 | 19 1 | 19 1 | 0 17 | 12 47 | 1 45 | 25 35 | 2 12 | 17 53 | 2 3 | 19 8 | 0 42 | 17 12 | 1 15 | 4 56 | 0 47 | 16 23 | 0 8 | 15 26 | 7 39 | 18 31 | 18 18 | 17 40 | 15 6 | 6 44 |
| F 18 | 19 15 | 16 21 | 0 s58 | 13 21 | 1 39 | 25 33 | 2 14 | 17 48 | 2 5 | 19 11 | 0 42 | 17 11 | 1 15 | 4 57 | 0 47 | 16 23 | 0 8 | 15 27 | 7 39 | 18 31 | 18 19 | 17 39 | 15 6 | 6 44 |
| S 19 | 19 29 | 12 43 | 2 9 | 13 55 | 1 33 | 25 30 | 2 15 | 17 43 | 2 7 | 19 14 | 0 42 | 17 11 | 1 15 | 4 57 | 0 47 | 16 23 | 0 8 | 15 27 | 7 38 | 18 31 | 18 20 | 17 38 | 15 5 | 6 44 |
| S 20 | 19 43 | 8 25 | 3 12 | 14 28 | 1 27 | 25 27 | 2 16 | 17 38 | 2 9 | 19 17 | 0 42 | 17 10 | 1 15 | 4 57 | 0 47 | 16 23 | 0 8 | 15 28 | 7 38 | 18 31 | 18 21 | 17 37 | 15 5 | 6 43 |
| M21 | 19 57 | 3 43 | 4 3 | 15 2 | 1 20 | 25 23 | 2 17 | 17 34 | 2 11 | 19 20 | 0 42 | 17 9 | 1 15 | 4 57 | 0 47 | 16 23 | 0 8 | 15 28 | 7 38 | 18 32 | 18 22 | 17 36 | 15 5 | 6 43 |
| T 22 | 20 10 | 1n 8 | 4 39 | 15 35 | 1 14 | 25 18 | 2 18 | 17 30 | 2 13 | 19 23 | 0 42 | 17 8 | 1 14 | 4 57 | 0 47 | 16 23 | 0 8 | 15 28 | 7 38 | 18 34 | 18 22 | 17 35 | 15 5 | 6 42 |
| W23 | 20 23 | 5 52 | 4 59 | 16 7 | 1 7 | 25 13 | 2 19 | 17 25 | 2 14 | 19 26 | 0 42 | 17 6 | 1 14 | 4 57 | 0 47 | 16 23 | 0 8 | 15 29 | 7 38 | 18 36 | 18 23 | 17 34 | 15 5 | 6 42 |
| T 24 | 20 35 | 10 16 | 5 2 | 16 39 | 1 0 | 25 7 | 2 19 | 17 21 | 2 16 | 19 29 | 0 41 | 17 5 | 1 14 | 4 57 | 0 46 | 16 23 | 0 8 | 15 29 | 7 38 | 18 39 | 18 24 | 17 33 | 15 4 | 6 42 |
| F 25 | 20 47 | 14 6 | 4 49 | 17 11 | 0 53 | 25 0 | 2 20 | 17 17 | 2 18 | 19 32 | 0 41 | 17 4 | 1 14 | 4 57 | 0 46 | 16 23 | 0 8 | 15 29 | 7 37 | 18 41 | 18 25 | 17 32 | 15 4 | 6 41 |
| S 26 | 20 58 | 17 11 | 4 21 | 17 42 | 0 46 | 24 52 | 2 21 | 17 13 | 2 20 | 19 34 | 0 41 | 17 3 | 1 14 | 4 57 | 0 46 | 16 23 | 0 8 | 15 29 | 7 37 | 18 44 | 18 26 | 17 31 | 15 4 | 6 41 |
| S 27 | 21 10 | 19 23 | 3 41 | 18 12 | 0 39 | 24 44 | 2 21 | 17 10 | 2 22 | 19 37 | 0 41 | 17 2 | 1 14 | 4 57 | 0 46 | 16 23 | 0 8 | 15 30 | 7 37 | 18 47 | 18 26 | 17 30 | 15 4 | 6 41 |
| M28 | 21 20 | 20 37 | 2 51 | 18 41 | 0 32 | 24 35 | 2 21 | 17 6 | 2 24 | 19 40 | 0 41 | 17 1 | 1 14 | 4 57 | 0 46 | 16 23 | 0 8 | 15 30 | 7 37 | 18 49 | 18 27 | 17 29 | 15 3 | 6 40 |
| T 29 | 21 31 | 20 50 | 1 53 | 19 10 | 0 25 | 24 25 | 2 22 | 17 3 | 2 26 | 19 43 | 0 41 | 17 0 | 1 14 | 4 57 | 0 46 | 16 23 | 0 8 | 15 30 | 7 37 | 18 50 | 18 28 | 17 28 | 15 3 | 6 40 |
| W30 | 21 s41 | 20n 6 | 0 s51 | 19 s38 | 0n18 | 24 s15 | 2 s22 | 16n59 | 2n28 | 19 s46 | 0n41 | 16 s58 | 1 s14 | 4 s57 | 0 s46 | 16n24 | 0n 9 | 15 s31 | 7n37 | 18n51 | 18n29 | 17n27 | 15 s 3 | 6n40 |

Julian Day Number = 2363095.5, Delta T = 18.25 sec
Ecliptic obliquity = 23°28'09, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°21'34, Lahiri = 20°28'34Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1757
# geocentric

## DECEMBER 1757 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 4 40 3 | 9♐ 3'57 | 8♌ 2 | 0♐21 | 21♑38 | 20♌51 | 1♐28 | 16♒57 | 19♓18 | 15°R20 | 20♐10 | 5°D48 | 7♌12 | 13♌ 1 | 22♑23 | T 1 |
| F 2 | 4 43 59 | 10° 4'52 | 19°50 | 1°55 | 22°49 | 21° 6 | 1°41 | 17° 1 | 19°18 | 15♌19 | 20°12 | 5♌49 | 7° 9 | 13° 8 | 22°27 | F 2 |
| S 3 | 4 47 56 | 11° 5'48 | 1♍38 | 3°29 | 24° 0 | 21°21 | 1°54 | 17° 5 | 19°18 | 15°19 | 20°14 | 5°50 | 7° 6 | 13°15 | 22°31 | S 3 |
| S 4 | 4 51 53 | 12° 6'45 | 13°32 | 5° 3 | 25°10 | 21°35 | 2° 7 | 17° 9 | 19°18 | 15°18 | 20°17 | 5°R50 | 7° 2 | 13°21 | 22°35 | S 4 |
| M 5 | 4 55 49 | 13° 7'43 | 25°38 | 6°36 | 26°20 | 21°49 | 2°21 | 17°14 | 19°19 | 15°17 | 20°19 | 5°49 | 6°59 | 13°28 | 22°40 | M 5 |
| T 6 | 4 59 46 | 14° 8'42 | 8♎ 0 | 8°10 | 27°31 | 22° 2 | 2°34 | 17°18 | 19°19 | 15°17 | 20°21 | 5°46 | 6°56 | 13°35 | 22°44 | T 6 |
| W 7 | 5 3 42 | 15° 9'43 | 20°44 | 9°44 | 28°41 | 22°14 | 2°47 | 17°23 | 19°19 | 15°16 | 20°23 | 5°41 | 6°53 | 13°41 | 22°49 | W 7 |
| T 8 | 5 7 39 | 16°10'44 | 3♏52 | 11°18 | 29°51 | 22°26 | 3° 1 | 17°27 | 19°20 | 15°16 | 20°26 | 5°34 | 6°50 | 13°48 | 22°53 | T 8 |
| F 9 | 5 11 35 | 17°11'47 | 17°26 | 12°52 | 1♒ 1 | 22°38 | 3°14 | 17°32 | 19°20 | 15°15 | 20°28 | 5°26 | 6°46 | 13°54 | 22°58 | F 9 |
| S 10 | 5 15 32 | 18°12'51 | 1♐23 | 14°26 | 2°11 | 22°48 | 3°27 | 17°37 | 19°21 | 15°14 | 20°30 | 5°18 | 6°43 | 14° 1 | 23° 2 | S 10 |
| S 11 | 5 19 28 | 19°13'56 | 15°42 | 16° 0 | 3°20 | 22°58 | 3°40 | 17°42 | 19°22 | 15°13 | 20°32 | 5°10 | 6°40 | 14° 8 | 23° 7 | S 11 |
| M12 | 5 23 25 | 20°15'01 | 0♑15 | 17°34 | 4°30 | 23° 8 | 3°53 | 17°46 | 19°22 | 15°13 | 20°35 | 5° 4 | 6°37 | 14°14 | 23°12 | M12 |
| T 13 | 5 27 22 | 21°16'07 | 14°56 | 19° 8 | 5°39 | 23°17 | 4° 7 | 17°51 | 19°23 | 15°12 | 20°37 | 5° 0 | 6°34 | 14°21 | 23°16 | T 13 |
| W14 | 5 31 18 | 22°17'14 | 29°39 | 20°43 | 6°49 | 23°25 | 4°20 | 17°56 | 19°24 | 15°11 | 20°39 | 4°D58 | 6°31 | 14°28 | 23°21 | W14 |
| T 15 | 5 35 15 | 23°18'21 | 14♒16 | 22°17 | 7°58 | 23°32 | 4°33 | 18° 2 | 19°25 | 15°10 | 20°41 | 4°59 | 6°27 | 14°34 | 23°26 | T 15 |
| F 16 | 5 39 11 | 24°19'28 | 28°42 | 23°52 | 9° 7 | 23°39 | 4°46 | 18° 7 | 19°25 | 15° 9 | 20°44 | 5° 0 | 6°24 | 14°41 | 23°31 | F 16 |
| S 17 | 5 43 8 | 25°20'35 | 12♓55 | 25°27 | 10°16 | 23°45 | 4°59 | 18°12 | 19°26 | 15° 8 | 20°46 | 5° 1 | 6°21 | 14°48 | 23°36 | S 17 |
| S 18 | 5 47 4 | 26°21'43 | 26°54 | 27° 2 | 11°25 | 23°51 | 5°12 | 18°17 | 19°27 | 15° 7 | 20°48 | 5°R 2 | 6°18 | 14°54 | 23°40 | S 18 |
| M19 | 5 51 1 | 27°22'50 | 10♈37 | 28°38 | 12°33 | 23°56 | 5°25 | 18°23 | 19°28 | 15° 6 | 20°50 | 5° 1 | 6°15 | 15° 1 | 23°45 | M19 |
| T 20 | 5 54 57 | 28°23'58 | 24° 6 | 0♑13 | 13°42 | 24° 0 | 5°38 | 18°28 | 19°29 | 15° 5 | 20°53 | 4°58 | 6°12 | 15° 8 | 23°50 | T 20 |
| W21 | 5 58 54 | 29°25'06 | 7♉21 | 1°49 | 14°50 | 24° 3 | 5°50 | 18°34 | 19°31 | 15° 4 | 20°55 | 4°54 | 6° 8 | 15°14 | 23°55 | W21 |
| T 22 | 6 2 51 | 0♑26'14 | 20°22 | 3°25 | 15°58 | 24° 6 | 6° 3 | 18°39 | 19°32 | 15° 3 | 20°57 | 4°49 | 6° 5 | 15°21 | 24° 0 | T 22 |
| F 23 | 6 6 47 | 1°27'22 | 3♊11 | 5° 1 | 17° 6 | 24° 7 | 6°16 | 18°45 | 19°33 | 15° 2 | 20°59 | 4°42 | 6° 2 | 15°28 | 24° 5 | F 23 |
| S 24 | 6 10 44 | 2°28'30 | 15°47 | 6°37 | 18°13 | 24° 9 | 6°29 | 18°50 | 19°34 | 15° 1 | 21° 2 | 4°37 | 5°59 | 15°34 | 24°10 | S 24 |
| S 25 | 6 14 40 | 3°29'39 | 28°11 | 8°14 | 19°21 | 24°R 9 | 6°42 | 18°56 | 19°36 | 15° 0 | 21° 4 | 4°31 | 5°56 | 15°41 | 24°15 | S 25 |
| M26 | 6 18 37 | 4°30'48 | 10♋24 | 9°51 | 20°28 | 24° 8 | 6°54 | 19° 2 | 19°37 | 14°59 | 21° 6 | 4°28 | 5°52 | 15°47 | 24°20 | M26 |
| T 27 | 6 22 33 | 5°31'57 | 22°27 | 11°28 | 21°35 | 24° 7 | 7° 7 | 19° 8 | 19°38 | 14°57 | 21° 8 | 4°25 | 5°49 | 15°54 | 24°25 | T 27 |
| W28 | 6 26 30 | 6°33'06 | 4♌22 | 13° 6 | 22°42 | 24° 5 | 7°19 | 19°14 | 19°40 | 14°56 | 21°10 | 4°D25 | 5°46 | 16° 1 | 24°30 | W28 |
| T 29 | 6 30 27 | 7°34'15 | 16°11 | 14°44 | 23°49 | 24° 2 | 7°32 | 19°20 | 19°41 | 14°55 | 21°13 | 4°25 | 5°43 | 16° 7 | 24°35 | T 29 |
| F 30 | 6 34 23 | 8°35'24 | 27°58 | 16°22 | 24°55 | 23°59 | 7°44 | 19°26 | 19°43 | 14°54 | 21°15 | 4°27 | 5°40 | 16°14 | 24°41 | F 30 |
| S 31 | 6 38 20 | 9♑36'34 | 9♍46 | 18♑ 0 | 26♒ 1 | 23♌55 | 7♐57 | 19♒32 | 19♓45 | 14♌52 | 21♐17 | 4♌29 | 5♌37 | 16♌21 | 24♑46 | 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 | 21s50 | 18n28 | 0n12 | 20s 5 | 0n11 | 24s 4 | 2s22 | 16n56 | 2n30 | 19s49 | 0n41 | 16s57 | 1s14 | 4s57 | 0s46 | 16n24 | 0n 9 | 15s31 | 7n36 | 18n51 | 18n30 | 17n26 | 15s 2 | 6n39 |
| F 2 | 21 59 | 16 4 | 1 15 | 20 31 | 0 4 | 23 52 | 2 22 | 16 53 | 2 33 | 19 51 | 0 41 | 16 56 | 1 14 | 4 57 | 0 46 | 16 24 | 0 9 | 15 31 | 7 36 | 18 50 | 18 31 | 17 25 | 15 2 | 6 39 |
| S 3 | 22 8 | 13 0 | 2 14 | 20 56 | 0s 3 | 23 39 | 2 21 | 16 51 | 2 35 | 19 54 | 0 41 | 16 54 | 1 14 | 4 57 | 0 46 | 16 24 | 0 9 | 15 32 | 7 36 | 18 50 | 18 31 | 17 24 | 15 2 | 6 39 |
| S 4 | 22 16 | 9 23 | 3 9 | 21 20 | 0 10 | 23 26 | 2 21 | 16 48 | 2 37 | 19 57 | 0 41 | 16 53 | 1 14 | 4 57 | 0 46 | 16 24 | 0 9 | 15 32 | 7 36 | 18 50 | 18 32 | 17 23 | 15 1 | 6 38 |
| M 5 | 22 24 | 5 21 | 3 56 | 21 43 | 0 17 | 23 13 | 2 21 | 16 46 | 2 39 | 19 59 | 0 41 | 16 52 | 1 14 | 4 57 | 0 46 | 16 24 | 0 9 | 15 32 | 7 36 | 18 50 | 18 33 | 17 22 | 15 1 | 6 38 |
| T 6 | 22 32 | 1 0 | 4 33 | 22 5 | 0 23 | 22 58 | 2 20 | 16 43 | 2 41 | 20 2 | 0 41 | 16 50 | 1 14 | 4 56 | 0 46 | 16 25 | 0 9 | 15 32 | 7 36 | 18 51 | 18 34 | 17 20 | 15 1 | 6 38 |
| W 7 | 22 39 | 3s31 | 4 58 | 22 26 | 0 30 | 22 44 | 2 20 | 16 41 | 2 43 | 20 5 | 0 41 | 16 49 | 1 14 | 4 56 | 0 46 | 16 25 | 0 9 | 15 33 | 7 36 | 18 52 | 18 35 | 17 19 | 15 0 | 6 37 |
| T 8 | 22 45 | 8 0 | 5 8 | 22 46 | 0 36 | 22 28 | 2 19 | 16 39 | 2 46 | 20 7 | 0 41 | 16 48 | 1 14 | 4 56 | 0 46 | 16 25 | 0 9 | 15 33 | 7 36 | 18 54 | 18 35 | 17 18 | 15 0 | 6 37 |
| F 9 | 22 51 | 12 14 | 5 1 | 23 4 | 0 43 | 22 12 | 2 18 | 16 38 | 2 48 | 20 10 | 0 41 | 16 46 | 1 14 | 4 56 | 0 46 | 16 25 | 0 9 | 15 33 | 7 35 | 18 56 | 18 36 | 17 17 | 14 59 | 6 37 |
| S 10 | 22 57 | 15 57 | 4 37 | 23 22 | 0 49 | 21 55 | 2 17 | 16 36 | 2 50 | 20 12 | 0 41 | 16 45 | 1 14 | 4 55 | 0 46 | 16 26 | 0 9 | 15 34 | 7 35 | 18 58 | 18 37 | 17 16 | 14 59 | 6 37 |
| S 11 | 23 2 | 18 48 | 3 55 | 23 38 | 0 55 | 21 38 | 2 16 | 16 35 | 2 52 | 20 15 | 0 41 | 16 43 | 1 14 | 4 55 | 0 46 | 16 26 | 0 9 | 15 34 | 7 35 | 19 0 | 18 38 | 17 15 | 14 58 | 6 36 |
| M12 | 23 7 | 20 31 | 2 57 | 23 54 | 1 1 | 21 20 | 2 15 | 16 34 | 2 55 | 20 17 | 0 40 | 16 41 | 1 14 | 4 55 | 0 46 | 16 26 | 0 9 | 15 34 | 7 35 | 19 1 | 18 39 | 17 14 | 14 58 | 6 36 |
| T 13 | 23 11 | 20 52 | 1 47 | 24 7 | 1 6 | 21 2 | 2 13 | 16 33 | 2 57 | 20 20 | 0 40 | 16 40 | 1 14 | 4 55 | 0 46 | 16 26 | 0 9 | 15 34 | 7 35 | 19 2 | 18 39 | 17 13 | 14 57 | 6 36 |
| W14 | 23 15 | 19 47 | 0 29 | 24 20 | 1 12 | 20 43 | 2 12 | 16 33 | 2 59 | 20 22 | 0 40 | 16 38 | 1 14 | 4 54 | 0 46 | 16 27 | 0 9 | 15 35 | 7 35 | 19 3 | 18 40 | 17 12 | 14 57 | 6 36 |
| T 15 | 23 18 | 17 22 | 0s50 | 24 32 | 1 17 | 20 24 | 2 10 | 16 33 | 3 1 | 20 25 | 0 40 | 16 37 | 1 13 | 4 54 | 0 46 | 16 27 | 0 9 | 15 35 | 7 35 | 19 3 | 18 41 | 17 11 | 14 56 | 6 35 |
| F 16 | 23 21 | 13 54 | 2 5 | 24 42 | 1 22 | 20 4 | 2 8 | 16 32 | 3 4 | 20 27 | 0 40 | 16 35 | 1 13 | 4 53 | 0 46 | 16 27 | 0 9 | 15 35 | 7 35 | 19 2 | 18 42 | 17 10 | 14 56 | 6 35 |
| S 17 | 23 23 | 9 40 | 3 12 | 24 51 | 1 27 | 19 43 | 2 7 | 16 33 | 3 6 | 20 30 | 0 40 | 16 33 | 1 13 | 4 53 | 0 46 | 16 27 | 0 9 | 15 35 | 7 35 | 19 2 | 18 43 | 17 8 | 14 55 | 6 35 |
| S 18 | 23 25 | 4 59 | 4 5 | 24 58 | 1 32 | 19 22 | 2 5 | 16 33 | 3 8 | 20 32 | 0 40 | 16 32 | 1 13 | 4 53 | 0 46 | 16 28 | 0 9 | 15 35 | 7 35 | 19 2 | 18 43 | 17 7 | 14 54 | 6 35 |
| M19 | 23 27 | 0 9 | 4 44 | 25 4 | 1 36 | 19 1 | 2 2 | 16 34 | 3 11 | 20 34 | 0 40 | 16 30 | 1 13 | 4 52 | 0 45 | 16 28 | 0 9 | 15 36 | 7 35 | 19 2 | 18 44 | 17 6 | 14 54 | 6 34 |
| T 20 | 23 28 | 4n37 | 5 6 | 25 9 | 1 41 | 18 39 | 2 0 | 16 35 | 3 13 | 20 37 | 0 40 | 16 28 | 1 13 | 4 52 | 0 45 | 16 28 | 0 9 | 15 36 | 7 34 | 19 3 | 18 45 | 17 5 | 14 53 | 6 34 |
| W21 | 23 28 | 9 4 | 5 11 | 25 12 | 1 45 | 18 17 | 1 58 | 16 36 | 3 16 | 20 39 | 0 40 | 16 27 | 1 13 | 4 51 | 0 45 | 16 29 | 0 9 | 15 36 | 7 34 | 19 4 | 18 46 | 17 4 | 14 53 | 6 34 |
| T 22 | 23 28 | 13 2 | 5 0 | 25 14 | 1 48 | 17 54 | 1 55 | 16 37 | 3 18 | 20 41 | 0 40 | 16 25 | 1 13 | 4 51 | 0 45 | 16 29 | 0 9 | 15 36 | 7 34 | 19 5 | 18 46 | 17 3 | 14 52 | 6 34 |
| F 23 | 23 28 | 16 20 | 4 34 | 25 14 | 1 52 | 17 31 | 1 53 | 16 39 | 3 20 | 20 43 | 0 40 | 16 23 | 1 13 | 4 50 | 0 45 | 16 29 | 0 9 | 15 36 | 7 34 | 19 7 | 18 47 | 17 2 | 14 51 | 6 34 |
| S 24 | 23 27 | 18 49 | 3 55 | 25 13 | 1 55 | 17 8 | 1 50 | 16 41 | 3 23 | 20 46 | 0 40 | 16 21 | 1 13 | 4 50 | 0 45 | 16 30 | 0 9 | 15 37 | 7 34 | 19 8 | 18 48 | 17 1 | 14 51 | 6 34 |
| S 25 | 23 25 | 20 22 | 3 6 | 25 11 | 1 58 | 16 44 | 1 47 | 16 43 | 3 25 | 20 48 | 0 40 | 16 20 | 1 13 | 4 49 | 0 45 | 16 30 | 0 9 | 15 37 | 7 34 | 19 9 | 18 49 | 16 59 | 14 50 | 6 33 |
| M26 | 23 24 | 20 56 | 2 8 | 25 6 | 2 1 | 16 20 | 1 44 | 16 45 | 3 28 | 20 50 | 0 40 | 16 18 | 1 13 | 4 49 | 0 45 | 16 30 | 0 9 | 15 37 | 7 34 | 19 10 | 18 50 | 16 58 | 14 49 | 6 33 |
| T 27 | 23 21 | 20 31 | 1 5 | 25 1 | 2 3 | 15 55 | 1 41 | 16 48 | 3 30 | 20 52 | 0 40 | 16 16 | 1 13 | 4 48 | 0 45 | 16 31 | 0 9 | 15 37 | 7 34 | 19 11 | 18 50 | 16 57 | 14 49 | 6 33 |
| W28 | 23 18 | 19 11 | 0 0 | 24 54 | 2 5 | 15 30 | 1 38 | 16 51 | 3 33 | 20 54 | 0 40 | 16 14 | 1 13 | 4 47 | 0 45 | 16 31 | 0 9 | 15 37 | 7 34 | 19 11 | 18 51 | 16 56 | 14 48 | 6 33 |
| T 29 | 23 15 | 17 2 | 1n 4 | 24 45 | 2 6 | 15 5 | 1 34 | 16 54 | 3 35 | 20 56 | 0 40 | 16 12 | 1 13 | 4 47 | 0 45 | 16 31 | 0 9 | 15 38 | 7 34 | 19 11 | 18 52 | 16 55 | 14 47 | 6 33 |
| F 30 | 23 11 | 14 10 | 2 6 | 24 34 | 2 7 | 14 39 | 1 31 | 16 58 | 3 37 | 20 58 | 0 40 | 16 10 | 1 13 | 4 46 | 0 45 | 16 32 | 0 9 | 15 38 | 7 34 | 19 10 | 18 53 | 16 54 | 14 46 | 6 33 |
| S 31 | 23s 7 | 10n44 | 3n 3 | 24s22 | 2s 8 | 14s13 | 1s27 | 17n 1 | 3n40 | 21s 0 | 0n40 | 16s 8 | 1s13 | 4s45 | 0s45 | 16n32 | 0n 9 | 15s38 | 7n34 | 19n10 | 18n54 | 16n52 | 14s46 | 6n33 |

Julian Day Number = 2363125.5, Delta T = 18.27 sec
Ecliptic obliquity = 23°28'09, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°21'38, Lahiri = 20°28'38Greg. Calendar