# Astrodienst Ephemeris Tables

## for the year 1753

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 1753
# geocentric

## JANUARY 1753 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 6 43 8 | 10♑51'00 | 1♐23 | 27°R21 | 14♒14 | 6♐54 | 10°R44 | 28♐50 | 0♓40 | 3°R31 | 10♐10 | 13°R58 | 12♏15 | 23♑ 1 | 12♐49 | M 1 |
| T 2 | 6 47 4 | 11°52'11 | 13°27 | 27♑17 | 15°28 | 7°36 | 10♋36 | 28°57 | 0°42 | 3♌29 | 10°12 | 13♏54 | 12°12 | 23° 7 | 12°56 | T 2 |
| W 3 | 6 51 1 | 12°53'23 | 25°25 | 27° 0 | 16°42 | 8°18 | 10°28 | 29° 4 | 0°45 | 3°28 | 10°14 | 13°47 | 12° 9 | 23°14 | 13° 3 | W 3 |
| T 4 | 6 54 57 | 13°54'34 | 7♑19 | 26°32 | 17°55 | 9° 0 | 10°20 | 29°10 | 0°47 | 3°26 | 10°16 | 13°38 | 12° 6 | 23°21 | 13° 9 | T 4 |
| F 5 | 6 58 54 | 14°55'45 | 19°12 | 25°52 | 19° 9 | 9°43 | 10°11 | 29°17 | 0°50 | 3°25 | 10°18 | 13°26 | 12° 3 | 23°27 | 13°16 | F 5 |
| S 6 | 7 2 50 | 15°56'56 | 1♒ 3 | 25° 1 | 20°22 | 10°25 | 10° 3 | 29°24 | 0°53 | 3°23 | 10°20 | 13°13 | 12° 0 | 23°34 | 13°23 | S 6 |
| S 7 | 7 6 47 | 16°58'06 | 12°55 | 24° 1 | 21°36 | 11° 7 | 9°55 | 29°31 | 0°55 | 3°21 | 10°22 | 13° 0 | 11°56 | 23°41 | 13°29 | S 7 |
| M 8 | 7 10 44 | 17°59'16 | 24°50 | 22°52 | 22°49 | 11°50 | 9°47 | 29°38 | 0°58 | 3°20 | 10°24 | 12°48 | 11°53 | 23°48 | 13°35 | M 8 |
| T 9 | 7 14 40 | 19° 0'26 | 6♓49 | 21°38 | 24° 2 | 12°32 | 9°39 | 29°45 | 1° 1 | 3°18 | 10°26 | 12°38 | 11°50 | 23°54 | 13°42 | T 9 |
| W10 | 7 18 37 | 20° 1'35 | 18°56 | 20°20 | 25°16 | 13°14 | 9°32 | 29°52 | 1° 4 | 3°17 | 10°28 | 12°31 | 11°47 | 24° 1 | 13°48 | W10 |
| T 11 | 7 22 33 | 21° 2'43 | 1♈13 | 19° 1 | 26°29 | 13°57 | 9°24 | 29°58 | 1° 6 | 3°15 | 10°30 | 12°27 | 11°44 | 24° 8 | 13°54 | T 11 |
| F 12 | 7 26 30 | 22° 3'50 | 13°45 | 17°43 | 27°42 | 14°39 | 9°16 | 0♑ 5 | 1° 9 | 3°13 | 10°32 | 12°25 | 11°41 | 24°14 | 14° 1 | F 12 |
| S 13 | 7 30 26 | 23° 4'57 | 26°36 | 16°28 | 28°55 | 15°22 | 9° 8 | 0°12 | 1°12 | 3°12 | 10°33 | 12°D25 | 11°37 | 24°21 | 14° 7 | S 13 |
| S 14 | 7 34 23 | 24° 6'03 | 9♉50 | 15°20 | 0♓ 8 | 16° 4 | 9° 1 | 0°19 | 1°15 | 3°10 | 10°35 | 12°R25 | 11°34 | 24°28 | 14°13 | S 14 |
| M15 | 7 38 19 | 25° 7'08 | 23°32 | 14°18 | 1°21 | 16°47 | 8°53 | 0°25 | 1°18 | 3° 8 | 10°37 | 12°24 | 11°31 | 24°35 | 14°19 | M15 |
| T 16 | 7 42 16 | 26° 8'12 | 7♊43 | 13°25 | 2°34 | 17°29 | 8°46 | 0°32 | 1°21 | 3° 7 | 10°39 | 12°22 | 11°28 | 24°41 | 14°25 | T 16 |
| W17 | 7 46 13 | 27° 9'16 | 22°21 | 12°41 | 3°47 | 18°12 | 8°38 | 0°39 | 1°24 | 3° 5 | 10°41 | 12°17 | 11°25 | 24°48 | 14°31 | W17 |
| T 18 | 7 50 9 | 28°10'18 | 7♋24 | 12° 6 | 5° 0 | 18°55 | 8°31 | 0°45 | 1°27 | 3° 3 | 10°42 | 12°10 | 11°21 | 24°55 | 14°37 | T 18 |
| F 19 | 7 54 6 | 29°11'20 | 22°42 | 11°40 | 6°13 | 19°37 | 8°24 | 0°52 | 1°30 | 3° 2 | 10°44 | 12° 0 | 11°18 | 25° 1 | 14°43 | F 19 |
| S 20 | 7 58 2 | 0♒12'21 | 8♌ 5 | 11°23 | 7°25 | 20°20 | 8°17 | 0°58 | 1°33 | 3° 0 | 10°46 | 11°48 | 11°15 | 25° 8 | 14°49 | S 20 |
| S 21 | 8 1 59 | 1°13'21 | 23°20 | 11°D15 | 8°38 | 21° 3 | 8°10 | 1° 5 | 1°36 | 2°58 | 10°47 | 11°37 | 11°12 | 25°15 | 14°54 | S 21 |
| M22 | 8 5 55 | 2°14'20 | 8♍17 | 11°15 | 9°50 | 21°45 | 8° 3 | 1°11 | 1°39 | 2°57 | 10°49 | 11°27 | 11° 9 | 25°22 | 15° 0 | M22 |
| T 23 | 8 9 52 | 3°15'18 | 22°49 | 11°23 | 11° 3 | 22°28 | 7°56 | 1°17 | 1°42 | 2°55 | 10°51 | 11°20 | 11° 6 | 25°28 | 15° 6 | T 23 |
| W24 | 8 13 48 | 4°16'16 | 6♎50 | 11°38 | 12°15 | 23°11 | 7°50 | 1°24 | 1°45 | 2°53 | 10°52 | 11°15 | 11° 2 | 25°35 | 15°11 | W24 |
| T 25 | 8 17 45 | 5°17'14 | 20°21 | 12° 0 | 13°27 | 23°54 | 7°43 | 1°30 | 1°48 | 2°51 | 10°54 | 11°13 | 10°59 | 25°42 | 15°17 | T 25 |
| F 26 | 8 21 42 | 6°18'10 | 3♏24 | 12°28 | 14°40 | 24°37 | 7°37 | 1°36 | 1°52 | 2°50 | 10°55 | 11°12 | 10°56 | 25°48 | 15°22 | F 26 |
| S 27 | 8 25 38 | 7°19'06 | 16° 3 | 13° 1 | 15°52 | 25°20 | 7°31 | 1°42 | 1°55 | 2°48 | 10°57 | 11°12 | 10°53 | 25°55 | 15°28 | S 27 |
| S 28 | 8 29 35 | 8°20'02 | 28°24 | 13°39 | 17° 4 | 26° 3 | 7°25 | 1°49 | 1°58 | 2°46 | 10°58 | 11°11 | 10°50 | 26° 2 | 15°33 | S 28 |
| M29 | 8 33 31 | 9°20'56 | 10♐31 | 14°22 | 18°16 | 26°46 | 7°19 | 1°55 | 2° 1 | 2°45 | 11° 0 | 11° 9 | 10°47 | 26° 9 | 15°38 | M29 |
| T 30 | 8 37 28 | 10°21'50 | 22°28 | 15° 9 | 19°27 | 27°29 | 7°13 | 2° 1 | 2° 5 | 2°43 | 11° 1 | 11° 3 | 10°43 | 26°15 | 15°43 | T 30 |
| W31 | 8 41 24 | 11♒22'42 | 4♑21 | 15♑59 | 20♓39 | 28♐12 | 7♋ 8 | 2♑ 7 | 2♓ 8 | 2♌41 | 11♐ 3 | 10♏55 | 10♏40 | 26♑22 | 15♐49 | 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 | 23 s 2 | 18 s58 | 1n32 | 20 s21 | 0n22 | 18 s18 | 1 s48 | 21 s27 | 0n 2 | 23n 7 | 0n 5 | 22 s32 | 0n55 | 11 s57 | 0 s44 | 19n12 | 0 s12 | 11 s41 | 10n25 | 16 s 3 | 15 s32 | 16 s43 | 18 s 0 | 4n24 |
| T 2 | 22 56 | 19 57 | 2 31 | 20 4 | 0 41 | 17 55 | 1 47 | 21 35 | 0 1 | 23 8 | 0 5 | 22 32 | 0 55 | 11 56 | 0 44 | 19 12 | 0 12 | 11 41 | 10 25 | 16 2 | 15 31 | 16 41 | 18 0 | 4 24 |
| W 3 | 22 51 | 20 1 | 3 22 | 19 49 | 1 0 | 17 33 | 1 46 | 21 42 | 0 1 | 23 8 | 0 5 | 22 33 | 0 55 | 11 55 | 0 44 | 19 13 | 0 12 | 11 42 | 10 25 | 16 0 | 15 30 | 16 40 | 18 1 | 4 25 |
| T 4 | 22 45 | 19 12 | 4 5 | 19 35 | 1 19 | 17 9 | 1 46 | 21 50 | 0 0 | 23 9 | 0 5 | 22 33 | 0 55 | 11 54 | 0 44 | 19 13 | 0 12 | 11 42 | 10 25 | 15 57 | 15 29 | 16 39 | 18 1 | 4 25 |
| F 5 | 22 38 | 17 32 | 4 36 | 19 24 | 1 38 | 16 46 | 1 45 | 21 57 | 0 s 1 | 23 10 | 0 5 | 22 33 | 0 55 | 11 53 | 0 44 | 19 13 | 0 12 | 11 42 | 10 25 | 15 53 | 15 28 | 16 37 | 18 2 | 4 26 |
| S 6 | 22 31 | 15 8 | 4 56 | 19 14 | 1 57 | 16 21 | 1 44 | 22 4 | 0 1 | 23 11 | 0 6 | 22 33 | 0 55 | 11 52 | 0 44 | 19 14 | 0 12 | 11 42 | 10 26 | 15 50 | 15 27 | 16 36 | 18 2 | 4 26 |
| S 7 | 22 23 | 12 7 | 5 2 | 19 7 | 2 15 | 15 57 | 1 43 | 22 10 | 0 2 | 23 12 | 0 6 | 22 33 | 0 55 | 11 51 | 0 44 | 19 14 | 0 12 | 11 42 | 10 26 | 15 46 | 15 26 | 16 34 | 18 2 | 4 26 |
| M 8 | 22 16 | 8 36 | 4 56 | 19 2 | 2 31 | 15 32 | 1 42 | 22 17 | 0 3 | 23 12 | 0 6 | 22 33 | 0 55 | 11 50 | 0 44 | 19 14 | 0 12 | 11 42 | 10 26 | 15 42 | 15 25 | 16 33 | 18 3 | 4 27 |
| T 9 | 22 7 | 4 44 | 4 36 | 18 59 | 2 46 | 15 6 | 1 41 | 22 23 | 0 3 | 23 13 | 0 6 | 22 33 | 0 55 | 11 49 | 0 44 | 19 15 | 0 12 | 11 43 | 10 26 | 15 39 | 15 24 | 16 32 | 18 3 | 4 27 |
| W10 | 21 58 | 0 38 | 4 4 | 18 58 | 2 59 | 14 41 | 1 39 | 22 29 | 0 4 | 23 14 | 0 6 | 22 33 | 0 55 | 11 48 | 0 44 | 19 15 | 0 12 | 11 43 | 10 26 | 15 37 | 15 23 | 16 30 | 18 3 | 4 28 |
| T 11 | 21 49 | 3n33 | 3 20 | 18 59 | 3 10 | 14 14 | 1 38 | 22 35 | 0 5 | 23 14 | 0 6 | 22 33 | 0 55 | 11 47 | 0 44 | 19 16 | 0 12 | 11 43 | 10 26 | 15 36 | 15 22 | 16 29 | 18 4 | 4 28 |
| F 12 | 21 40 | 7 40 | 2 26 | 19 1 | 3 18 | 13 48 | 1 37 | 22 41 | 0 6 | 23 15 | 0 6 | 22 33 | 0 55 | 11 46 | 0 44 | 19 16 | 0 12 | 11 43 | 10 26 | 15 35 | 15 21 | 16 27 | 18 4 | 4 28 |
| S 13 | 21 30 | 11 34 | 1 23 | 19 5 | 3 24 | 13 21 | 1 35 | 22 46 | 0 6 | 23 16 | 0 7 | 22 33 | 0 55 | 11 45 | 0 44 | 19 16 | 0 12 | 11 43 | 10 26 | 15 35 | 15 20 | 16 26 | 18 4 | 4 29 |
| S 14 | 21 19 | 15 0 | 0 14 | 19 9 | 3 27 | 12 54 | 1 33 | 22 51 | 0 7 | 23 16 | 0 7 | 22 33 | 0 55 | 11 44 | 0 44 | 19 17 | 0 12 | 11 43 | 10 27 | 15 35 | 15 19 | 16 25 | 18 5 | 4 29 |
| M15 | 21 8 | 17 44 | 0 s59 | 19 15 | 3 28 | 12 26 | 1 32 | 22 56 | 0 8 | 23 17 | 0 7 | 22 33 | 0 55 | 11 43 | 0 44 | 19 17 | 0 12 | 11 43 | 10 27 | 15 35 | 15 18 | 16 23 | 18 5 | 4 30 |
| T 16 | 20 57 | 19 29 | 2 10 | 19 22 | 3 26 | 11 58 | 1 30 | 23 1 | 0 8 | 23 18 | 0 7 | 22 33 | 0 55 | 11 42 | 0 44 | 19 18 | 0 12 | 11 43 | 10 27 | 15 34 | 15 17 | 16 22 | 18 5 | 4 30 |
| W17 | 20 45 | 20 1 | 3 15 | 19 30 | 3 23 | 11 30 | 1 28 | 23 6 | 0 9 | 23 18 | 0 7 | 22 33 | 0 55 | 11 41 | 0 44 | 19 18 | 0 12 | 11 43 | 10 27 | 15 33 | 15 16 | 16 20 | 18 5 | 4 31 |
| T 18 | 20 33 | 19 8 | 4 8 | 19 38 | 3 18 | 11 1 | 1 26 | 23 10 | 0 10 | 23 19 | 0 7 | 22 33 | 0 55 | 11 39 | 0 44 | 19 18 | 0 12 | 11 43 | 10 27 | 15 30 | 15 15 | 16 19 | 18 5 | 4 31 |
| F 19 | 20 21 | 16 53 | 4 44 | 19 46 | 3 12 | 10 33 | 1 24 | 23 14 | 0 11 | 23 19 | 0 7 | 22 33 | 0 55 | 11 38 | 0 44 | 19 19 | 0 12 | 11 44 | 10 27 | 15 27 | 15 14 | 16 18 | 18 6 | 4 32 |
| S 20 | 20 8 | 13 26 | 5 0 | 19 55 | 3 4 | 10 4 | 1 22 | 23 18 | 0 11 | 23 20 | 0 7 | 22 33 | 0 55 | 11 37 | 0 44 | 19 19 | 0 12 | 11 44 | 10 28 | 15 24 | 15 13 | 16 16 | 18 6 | 4 32 |
| S 21 | 19 55 | 9 7 | 4 55 | 20 4 | 2 56 | 9 35 | 1 20 | 23 22 | 0 12 | 23 21 | 0 8 | 22 33 | 0 55 | 11 36 | 0 44 | 19 20 | 0 12 | 11 44 | 10 28 | 15 20 | 15 12 | 16 15 | 18 6 | 4 33 |
| M22 | 19 41 | 4 19 | 4 29 | 20 13 | 2 47 | 9 5 | 1 17 | 23 26 | 0 13 | 23 21 | 0 8 | 22 33 | 0 55 | 11 35 | 0 44 | 19 20 | 0 12 | 11 44 | 10 28 | 15 17 | 15 11 | 16 13 | 18 6 | 4 33 |
| T 23 | 19 27 | 0 s36 | 3 46 | 20 23 | 2 37 | 8 35 | 1 15 | 23 29 | 0 14 | 23 22 | 0 8 | 22 33 | 0 55 | 11 34 | 0 44 | 19 20 | 0 12 | 11 44 | 10 28 | 15 15 | 15 11 | 16 12 | 18 6 | 4 33 |
| W24 | 19 13 | 5 20 | 2 51 | 20 31 | 2 27 | 8 5 | 1 13 | 23 32 | 0 14 | 23 22 | 0 8 | 22 33 | 0 55 | 11 33 | 0 44 | 19 21 | 0 12 | 11 44 | 10 28 | 15 13 | 15 10 | 16 10 | 18 6 | 4 34 |
| T 25 | 18 58 | 9 38 | 1 48 | 20 40 | 2 16 | 7 35 | 1 10 | 23 35 | 0 15 | 23 23 | 0 8 | 22 33 | 0 55 | 11 32 | 0 44 | 19 21 | 0 12 | 11 44 | 10 29 | 15 13 | 15 9 | 16 9 | 18 6 | 4 34 |
| F 26 | 18 43 | 13 19 | 0 41 | 20 48 | 2 5 | 7 5 | 1 7 | 23 37 | 0 16 | 23 23 | 0 8 | 22 33 | 0 55 | 11 30 | 0 44 | 19 22 | 0 12 | 11 44 | 10 29 | 15 13 | 15 8 | 16 8 | 18 7 | 4 35 |
| S 27 | 18 28 | 16 15 | 0n26 | 20 56 | 1 55 | 6 35 | 1 5 | 23 40 | 0 17 | 23 24 | 0 8 | 22 33 | 0 55 | 11 29 | 0 44 | 19 22 | 0 12 | 11 44 | 10 29 | 15 13 | 15 7 | 16 6 | 18 7 | 4 35 |
| S 28 | 18 12 | 18 22 | 1 30 | 21 3 | 1 44 | 6 4 | 1 2 | 23 42 | 0 17 | 23 24 | 0 8 | 22 33 | 0 55 | 11 28 | 0 44 | 19 22 | 0 12 | 11 44 | 10 29 | 15 12 | 15 6 | 16 5 | 18 7 | 4 36 |
| M29 | 17 56 | 19 36 | 2 28 | 21 9 | 1 33 | 5 33 | 0 59 | 23 44 | 0 18 | 23 25 | 0 9 | 22 33 | 0 55 | 11 27 | 0 44 | 19 23 | 0 12 | 11 44 | 10 29 | 15 11 | 15 5 | 16 3 | 18 7 | 4 36 |
| T 30 | 17 40 | 19 56 | 3 19 | 21 15 | 1 22 | 5 2 | 0 56 | 23 46 | 0 19 | 23 25 | 0 9 | 22 33 | 0 55 | 11 26 | 0 44 | 19 23 | 0 12 | 11 44 | 10 30 | 15 10 | 15 4 | 16 2 | 18 7 | 4 37 |
| W31 | 17 s23 | 19 s23 | 4n 1 | 21 s20 | 1n11 | 4 s31 | 0 s53 | 23 s47 | 0 s20 | 23n25 | 0n 9 | 22 s33 | 0n55 | 11 s25 | 0 s44 | 19n24 | 0 s12 | 11 s44 | 10n30 | 15 s 7 | 15 s 3 | 16 s 0 | 18 s 7 | 4n38 |

Julian Day Number = 2361330.5, Delta T = 16.88 sec
Ecliptic obliquity = 23°28'10, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°17'31, Lahiri = 20°24'31Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1753
# geocentric

## FEBRUARY 1753 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 8 45 21 | 12♒23'34 | 16♉11 | 16♉53 | 21♓51 | 28♐55 | 7°R 2 | 2♉13 | 2♓11 | 2°R40 | 11♐ 4 | 10°R44 | 10♏37 | 26♉29 | 15♐54 | T 1 |
| F 2 | 8 49 17 | 13°24'25 | 28° 2 | 17°51 | 23° 2 | 29°38 | 6♋57 | 2°19 | 2°14 | 2♑38 | 11° 5 | 10♏30 | 10°34 | 26°36 | 15°59 | F 2 |
| S 3 | 8 53 14 | 14°25'14 | 9♒55 | 18°51 | 24°14 | 0♉21 | 6°52 | 2°25 | 2°18 | 2°36 | 11° 7 | 10°15 | 10°31 | 26°42 | 16° 4 | S 3 |
| S 4 | 8 57 11 | 15°26'02 | 21°52 | 19°54 | 25°25 | 1° 5 | 6°47 | 2°30 | 2°21 | 2°35 | 11° 8 | 10° 0 | 10°27 | 26°49 | 16° 8 | S 4 |
| M 5 | 9 1 7 | 16°26'49 | 3♓54 | 20°59 | 26°37 | 1°48 | 6°42 | 2°36 | 2°24 | 2°33 | 11° 9 | 9°46 | 10°24 | 26°56 | 16°13 | M 5 |
| T 6 | 9 5 4 | 17°27'34 | 16° 1 | 22° 6 | 27°48 | 2°31 | 6°37 | 2°42 | 2°28 | 2°31 | 11°10 | 9°34 | 10°21 | 27° 2 | 16°18 | T 6 |
| W 7 | 9 9 0 | 18°28'18 | 28°16 | 23°16 | 28°59 | 3°14 | 6°33 | 2°48 | 2°31 | 2°30 | 11°12 | 9°25 | 10°18 | 27° 9 | 16°22 | W 7 |
| T 8 | 9 12 57 | 19°29'01 | 10♈40 | 24°27 | 0♈10 | 3°58 | 6°29 | 2°53 | 2°35 | 2°28 | 11°13 | 9°19 | 10°15 | 27°16 | 16°27 | T 8 |
| F 9 | 9 16 53 | 20°29'41 | 23°16 | 25°41 | 1°20 | 4°41 | 6°25 | 2°59 | 2°38 | 2°27 | 11°14 | 9°16 | 10°12 | 27°23 | 16°31 | F 9 |
| S 10 | 9 20 50 | 21°30'20 | 6♌ 7 | 26°55 | 2°31 | 5°24 | 6°21 | 3° 4 | 2°41 | 2°25 | 11°15 | 9°D15 | 10° 8 | 27°29 | 16°36 | S 10 |
| S 11 | 9 24 46 | 22°30'58 | 19°18 | 28°12 | 3°42 | 6° 8 | 6°17 | 3°10 | 2°45 | 2°23 | 11°16 | 9°R15 | 10° 5 | 27°36 | 16°40 | S 11 |
| M12 | 9 28 43 | 23°31'34 | 2♊50 | 29°30 | 4°52 | 6°51 | 6°14 | 3°15 | 2°48 | 2°22 | 11°17 | 9°15 | 10° 2 | 27°43 | 16°44 | M12 |
| T 13 | 9 32 40 | 24°32'07 | 16°47 | 0♒49 | 6° 2 | 7°35 | 6°10 | 3°20 | 2°52 | 2°20 | 11°18 | 9°13 | 9°59 | 27°49 | 16°48 | T 13 |
| W14 | 9 36 36 | 25°32'40 | 1♋ 9 | 2°10 | 7°13 | 8°18 | 6° 7 | 3°26 | 2°55 | 2°19 | 11°19 | 9° 9 | 9°56 | 27°56 | 16°52 | W14 |
| T 15 | 9 40 33 | 26°33'10 | 15°54 | 3°32 | 8°23 | 9° 2 | 6° 4 | 3°31 | 2°58 | 2°17 | 11°20 | 9° 3 | 9°53 | 28° 3 | 16°56 | T 15 |
| F 16 | 9 44 29 | 27°33'38 | 0♌56 | 4°56 | 9°32 | 9°45 | 6° 2 | 3°36 | 3° 2 | 2°16 | 11°21 | 8°53 | 9°49 | 28°10 | 17° 0 | F 16 |
| S 17 | 9 48 26 | 28°34'05 | 16° 8 | 6°20 | 10°42 | 10°29 | 5°59 | 3°41 | 3° 5 | 2°14 | 11°22 | 8°43 | 9°46 | 28°16 | 17° 4 | S 17 |
| S 18 | 9 52 22 | 29°34'30 | 1♍17 | 7°46 | 11°52 | 11°12 | 5°57 | 3°46 | 3° 9 | 2°13 | 11°23 | 8°32 | 9°43 | 28°23 | 17° 8 | S 18 |
| M19 | 9 56 19 | 0♓34'53 | 16°14 | 9°13 | 13° 1 | 11°56 | 5°55 | 3°51 | 3°12 | 2°11 | 11°23 | 8°23 | 9°40 | 28°30 | 17°11 | M19 |
| T 20 | 10 0 15 | 1°35'15 | 0♎50 | 10°40 | 14°10 | 12°40 | 5°53 | 3°56 | 3°16 | 2°10 | 11°24 | 8°15 | 9°37 | 28°36 | 17°15 | T 20 |
| W21 | 10 4 12 | 2°35'35 | 14°59 | 12°10 | 15°19 | 13°23 | 5°51 | 4° 0 | 3°19 | 2° 9 | 11°25 | 8°11 | 9°33 | 28°43 | 17°18 | W21 |
| T 22 | 10 8 9 | 3°35'53 | 28°39 | 13°40 | 16°28 | 14° 7 | 5°49 | 4° 5 | 3°22 | 2° 7 | 11°26 | 8° 9 | 9°30 | 28°50 | 17°22 | T 22 |
| F 23 | 10 12 5 | 4°36'11 | 11♏50 | 15°11 | 17°37 | 14°51 | 5°48 | 4°10 | 3°26 | 2° 6 | 11°26 | 8°D 8 | 9°27 | 28°57 | 17°25 | F 23 |
| S 24 | 10 16 2 | 5°36'26 | 24°36 | 16°43 | 18°46 | 15°34 | 5°47 | 4°14 | 3°29 | 2° 4 | 11°27 | 8° 9 | 9°24 | 29° 3 | 17°28 | S 24 |
| S 25 | 10 19 58 | 6°36'41 | 7♐ 0 | 18°16 | 19°54 | 16°18 | 5°46 | 4°19 | 3°33 | 2° 3 | 11°27 | 8°R 9 | 9°21 | 29°10 | 17°31 | S 25 |
| M26 | 10 23 55 | 7°36'53 | 19° 9 | 19°51 | 21° 2 | 17° 2 | 5°45 | 4°23 | 3°36 | 2° 2 | 11°28 | 8° 8 | 9°18 | 29°17 | 17°34 | M26 |
| T 27 | 10 27 51 | 8°37'05 | 1♑ 7 | 21°26 | 22°10 | 17°46 | 5°44 | 4°27 | 3°40 | 2° 0 | 11°29 | 8° 6 | 9°14 | 29°24 | 17°37 | T 27 |
| W28 | 10 31 48 | 9♓37'14 | 12♑59 | 23♒ 3 | 23♈18 | 18♑30 | 5♋44 | 4♑32 | 3♓43 | 1♑59 | 11♐29 | 8♏ 0 | 9♏11 | 29♉30 | 17♐40 | W28 |

| 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 | 17s58 | 4n33 | 21s24 | 1n 1 | 4s 0 | 0s50 | 23s48 | 0s20 | 23n26 | 0n 9 | 22s33 | 0n55 | 11s23 | 0s44 | 19n24 | 0s12 | 11s44 | 10n30 | 15s 4 | 15s 2 | 15s59 | 18s 7 | 4n38 |
| F 2 | 16 49 | 15 48 | 4 52 | 21 27 | 0 50 | 3 29 | 0 47 | 23 49 | 0 21 | 23 26 | 0 9 | 22 32 | 0 55 | 11 22 | 0 44 | 19 24 | 0 12 | 11 44 | 10 30 | 14 59 | 15 1 | 15 57 | 18 7 | 4 39 |
| S 3 | 16 32 | 12 59 | 4 59 | 21 29 | 0 40 | 2 58 | 0 44 | 23 50 | 0 22 | 23 27 | 0 9 | 22 32 | 0 55 | 11 21 | 0 44 | 19 25 | 0 12 | 11 44 | 10 30 | 14 55 | 15 0 | 15 56 | 18 7 | 4 39 |
| S 4 | 16 14 | 9 37 | 4 53 | 21 30 | 0 30 | 2 26 | 0 40 | 23 51 | 0 23 | 23 27 | 0 9 | 22 32 | 0 55 | 11 20 | 0 44 | 19 25 | 0 12 | 11 43 | 10 31 | 14 50 | 14 59 | 15 55 | 18 7 | 4 40 |
| M 5 | 15 56 | 5 50 | 4 34 | 21 30 | 0 20 | 1 55 | 0 37 | 23 51 | 0 24 | 23 27 | 0 9 | 22 32 | 0 55 | 11 19 | 0 44 | 19 25 | 0 12 | 11 43 | 10 31 | 14 46 | 14 58 | 15 53 | 18 7 | 4 40 |
| T 6 | 15 37 | 1 48 | 4 2 | 21 29 | 0 11 | 1 23 | 0 34 | 23 51 | 0 24 | 23 28 | 0 9 | 22 32 | 0 54 | 11 17 | 0 44 | 19 26 | 0 12 | 11 43 | 10 31 | 14 42 | 14 57 | 15 52 | 18 6 | 4 41 |
| W 7 | 15 19 | 2n20 | 3 18 | 21 26 | 0 1 | 0 52 | 0 30 | 23 51 | 0 25 | 23 28 | 0 10 | 22 32 | 0 54 | 11 16 | 0 44 | 19 26 | 0 12 | 11 43 | 10 31 | 14 39 | 14 56 | 15 50 | 18 6 | 4 41 |
| T 8 | 15 0 | 6 27 | 2 25 | 21 23 | 0s 8 | 0 20 | 0 26 | 23 51 | 0 26 | 23 28 | 0 10 | 22 32 | 0 54 | 11 15 | 0 44 | 19 27 | 0 12 | 11 43 | 10 32 | 14 37 | 14 55 | 15 49 | 18 6 | 4 42 |
| F 9 | 14 41 | 10 21 | 1 24 | 21 18 | 0 16 | 0n11 | 0 23 | 23 50 | 0 27 | 23 29 | 0 10 | 22 32 | 0 54 | 11 14 | 0 44 | 19 27 | 0 12 | 11 43 | 10 32 | 14 36 | 14 54 | 15 47 | 18 6 | 4 43 |
| S 10 | 14 21 | 13 50 | 0 17 | 21 12 | 0 25 | 0 43 | 0 19 | 23 49 | 0 28 | 23 29 | 0 10 | 22 32 | 0 54 | 11 12 | 0 44 | 19 27 | 0 12 | 11 43 | 10 32 | 14 36 | 14 53 | 15 46 | 18 6 | 4 43 |
| S 11 | 14 2 | 16 43 | 0s53 | 21 5 | 0 33 | 1 14 | 0 15 | 23 48 | 0 28 | 23 29 | 0 10 | 22 31 | 0 54 | 11 11 | 0 44 | 19 28 | 0 12 | 11 43 | 10 32 | 14 36 | 14 52 | 15 44 | 18 6 | 4 44 |
| M12 | 13 42 | 18 46 | 2 1 | 20 57 | 0 41 | 1 46 | 0 11 | 23 47 | 0 29 | 23 29 | 0 10 | 22 31 | 0 54 | 11 10 | 0 44 | 19 28 | 0 12 | 11 43 | 10 33 | 14 36 | 14 51 | 15 43 | 18 6 | 4 44 |
| T 13 | 13 22 | 19 45 | 3 5 | 20 47 | 0 49 | 2 17 | 0 8 | 23 45 | 0 30 | 23 30 | 0 10 | 22 31 | 0 54 | 11 9 | 0 44 | 19 28 | 0 12 | 11 43 | 10 33 | 14 35 | 14 50 | 15 41 | 18 5 | 4 45 |
| W14 | 13 1 | 19 29 | 3 58 | 20 37 | 0 56 | 2 48 | 0 4 | 23 43 | 0 31 | 23 30 | 0 10 | 22 31 | 0 54 | 11 7 | 0 44 | 19 29 | 0 12 | 11 43 | 10 33 | 14 34 | 14 49 | 15 40 | 18 5 | 4 45 |
| T 15 | 12 41 | 17 55 | 4 38 | 20 24 | 1 3 | 3 20 | 0n 0 | 23 41 | 0 32 | 23 30 | 0 10 | 22 31 | 0 54 | 11 6 | 0 44 | 19 29 | 0 12 | 11 42 | 10 33 | 14 32 | 14 48 | 15 38 | 18 5 | 4 46 |
| F 16 | 12 20 | 15 7 | 4 59 | 20 11 | 1 10 | 3 51 | 0 4 | 23 39 | 0 32 | 23 30 | 0 11 | 22 31 | 0 54 | 11 5 | 0 44 | 19 30 | 0 12 | 11 42 | 10 34 | 14 29 | 14 47 | 15 37 | 18 5 | 4 47 |
| S 17 | 11 59 | 11 15 | 4 59 | 19 56 | 1 16 | 4 22 | 0 8 | 23 37 | 0 33 | 23 31 | 0 11 | 22 31 | 0 54 | 11 4 | 0 44 | 19 30 | 0 12 | 11 42 | 10 34 | 14 25 | 14 46 | 15 35 | 18 4 | 4 47 |
| S 18 | 11 38 | 6 41 | 4 39 | 19 41 | 1 22 | 4 53 | 0 13 | 23 34 | 0 34 | 23 31 | 0 11 | 22 31 | 0 54 | 11 2 | 0 44 | 19 30 | 0 12 | 11 42 | 10 34 | 14 22 | 14 45 | 15 34 | 18 4 | 4 48 |
| M19 | 11 17 | 1 46 | 3 59 | 19 23 | 1 28 | 5 24 | 0 17 | 23 31 | 0 35 | 23 31 | 0 11 | 22 30 | 0 54 | 11 1 | 0 44 | 19 31 | 0 12 | 11 42 | 10 34 | 14 19 | 14 44 | 15 32 | 18 4 | 4 48 |
| T 20 | 10 55 | 3s 9 | 3 5 | 19 5 | 1 33 | 5 55 | 0 21 | 23 28 | 0 36 | 23 31 | 0 11 | 22 30 | 0 54 | 11 0 | 0 44 | 19 31 | 0 12 | 11 42 | 10 35 | 14 17 | 14 43 | 15 31 | 18 4 | 4 49 |
| W21 | 10 34 | 7 45 | 2 0 | 18 45 | 1 38 | 6 26 | 0 25 | 23 24 | 0 37 | 23 31 | 0 11 | 22 30 | 0 54 | 10 59 | 0 44 | 19 31 | 0 12 | 11 42 | 10 35 | 14 15 | 14 42 | 15 30 | 18 3 | 4 50 |
| T 22 | 10 12 | 11 47 | 0 50 | 18 24 | 1 43 | 6 56 | 0 30 | 23 21 | 0 37 | 23 32 | 0 11 | 22 30 | 0 54 | 10 58 | 0 44 | 19 32 | 0 12 | 11 41 | 10 35 | 14 14 | 14 41 | 15 28 | 18 3 | 4 50 |
| F 23 | 9 50 | 15 5 | 0n20 | 18 1 | 1 48 | 7 27 | 0 34 | 23 17 | 0 38 | 23 32 | 0 11 | 22 30 | 0 54 | 10 56 | 0 44 | 19 32 | 0 11 | 11 41 | 10 35 | 14 14 | 14 40 | 15 27 | 18 3 | 4 51 |
| S 24 | 9 28 | 17 32 | 1 27 | 17 37 | 1 52 | 7 57 | 0 38 | 23 12 | 0 39 | 23 32 | 0 11 | 22 30 | 0 54 | 10 55 | 0 44 | 19 32 | 0 11 | 11 41 | 10 36 | 14 14 | 14 39 | 15 25 | 18 2 | 4 52 |
| S 25 | 9 6 | 19 5 | 2 28 | 17 12 | 1 55 | 8 27 | 0 43 | 23 8 | 0 40 | 23 32 | 0 11 | 22 29 | 0 54 | 10 54 | 0 44 | 19 33 | 0 11 | 11 41 | 10 36 | 14 15 | 14 38 | 15 24 | 18 2 | 4 52 |
| M26 | 8 43 | 19 42 | 3 21 | 16 45 | 1 59 | 8 57 | 0 47 | 23 4 | 0 41 | 23 32 | 0 12 | 22 29 | 0 55 | 10 53 | 0 44 | 19 33 | 0 11 | 11 41 | 10 36 | 14 14 | 14 37 | 15 22 | 18 2 | 4 53 |
| T 27 | 8 21 | 19 24 | 4 4 | 16 18 | 2 2 | 9 27 | 0 52 | 22 59 | 0 42 | 23 32 | 0 12 | 22 29 | 0 55 | 10 51 | 0 44 | 19 33 | 0 11 | 11 40 | 10 36 | 14 13 | 14 35 | 15 21 | 18 1 | 4 53 |
| W28 | 7s58 | 18s15 | 4n36 | 15s48 | 2s 4 | 9n56 | 0n56 | 22s54 | 0s43 | 23n32 | 0n12 | 22s29 | 0n55 | 10s50 | 0s44 | 19n33 | 0s11 | 11s40 | 10n37 | 14s12 | 14s34 | 15s19 | 18s 1 | 4n54 |

Julian Day Number = 2361361.5, Delta T = 16.90 sec
Ecliptic obliquity = 23°28'10, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°17'35, Lahiri = 20°24'36Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1753
# geocentric

## MARCH 1753 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 10 35 44 | 10♓37'22 | 24♉49 | 24♒40 | 24♈26 | 19♉14 | 5°D44 | 4♉36 | 3♓47 | 1°R58 | 11♐30 | 7°R53 | 9♏ 8 | 29♉37 | 17♐43 | T 1 |
| F 2 | 10 39 41 | 11°37'28 | 6♒41 | 26°19 | 25°34 | 19°58 | 5♋44 | 4°40 | 3°50 | 1♌57 | 11°30 | 7♏43 | 9° 5 | 29°44 | 17°45 | F 2 |
| S 3 | 10 43 38 | 12°37'33 | 18°37 | 27°59 | 26°41 | 20°42 | 5°44 | 4°44 | 3°53 | 1°55 | 11°30 | 7°33 | 9° 2 | 29°50 | 17°48 | S 3 |
| S 4 | 10 47 34 | 13°37'36 | 0♓40 | 29°40 | 27°48 | 21°25 | 5°44 | 4°48 | 3°57 | 1°54 | 11°31 | 7°22 | 8°58 | 29°57 | 17°50 | S 4 |
| M 5 | 10 51 31 | 14°37'37 | 12°51 | 1♓22 | 28°55 | 22° 9 | 5°45 | 4°52 | 4° 0 | 1°53 | 11°31 | 7°12 | 8°55 | 0♒ 4 | 17°53 | M 5 |
| T 6 | 10 55 27 | 15°37'35 | 25°11 | 3° 5 | 0♉ 1 | 22°53 | 5°46 | 4°55 | 4° 4 | 1°52 | 11°31 | 7° 3 | 8°52 | 0°11 | 17°55 | T 6 |
| W 7 | 10 59 24 | 16°37'32 | 7♈40 | 4°49 | 1° 8 | 23°38 | 5°47 | 4°59 | 4° 7 | 1°51 | 11°32 | 6°57 | 8°49 | 0°17 | 17°57 | W 7 |
| T 8 | 11 3 20 | 17°37'27 | 20°20 | 6°34 | 2°14 | 24°22 | 5°48 | 5° 3 | 4°10 | 1°50 | 11°32 | 6°53 | 8°46 | 0°24 | 17°59 | T 8 |
| F 9 | 11 7 17 | 18°37'20 | 3♉11 | 8°21 | 3°20 | 25° 6 | 5°49 | 5° 6 | 4°14 | 1°49 | 11°32 | 6°D52 | 8°43 | 0°31 | 18° 1 | F 9 |
| S 10 | 11 11 13 | 19°37'11 | 16°14 | 10° 8 | 4°26 | 25°50 | 5°51 | 5°10 | 4°17 | 1°48 | 11°32 | 6°52 | 8°39 | 0°37 | 18° 3 | S 10 |
| S 11 | 11 15 10 | 20°36'59 | 29°32 | 11°57 | 5°31 | 26°34 | 5°53 | 5°13 | 4°21 | 1°47 | 11°32 | 6°53 | 8°36 | 0°44 | 18° 5 | S 11 |
| M12 | 11 19 6 | 21°36'46 | 13♊ 6 | 13°47 | 6°37 | 27°18 | 5°55 | 5°16 | 4°24 | 1°46 | 11°32 | 6°54 | 8°33 | 0°51 | 18° 7 | M12 |
| T 13 | 11 23 3 | 22°36'30 | 26°58 | 15°39 | 7°42 | 28° 2 | 5°57 | 5°20 | 4°27 | 1°45 | 11°33 | 6°R54 | 8°30 | 0°58 | 18° 8 | T 13 |
| W14 | 11 27 0 | 23°36'12 | 11♋ 7 | 17°31 | 8°46 | 28°46 | 5°59 | 5°23 | 4°31 | 1°44 | 11°R33 | 6°53 | 8°27 | 1° 4 | 18°10 | W14 |
| T 15 | 11 30 56 | 24°35'51 | 25°33 | 19°25 | 9°51 | 29°30 | 6° 2 | 5°26 | 4°34 | 1°43 | 11°33 | 6°50 | 8°24 | 1°11 | 18°11 | T 15 |
| F 16 | 11 34 53 | 25°35'28 | 10♌12 | 21°19 | 10°55 | 0♒15 | 6° 4 | 5°29 | 4°37 | 1°42 | 11°32 | 6°45 | 8°20 | 1°18 | 18°12 | F 16 |
| S 17 | 11 38 49 | 26°35'03 | 24°58 | 23°15 | 11°59 | 0°59 | 6° 7 | 5°31 | 4°40 | 1°41 | 11°32 | 6°39 | 8°17 | 1°25 | 18°14 | S 17 |
| S 18 | 11 42 46 | 27°34'35 | 9♍44 | 25°12 | 13° 2 | 1°43 | 6°10 | 5°34 | 4°44 | 1°40 | 11°32 | 6°33 | 8°14 | 1°31 | 18°15 | S 18 |
| M19 | 11 46 42 | 28°34'05 | 24°23 | 27°10 | 14° 5 | 2°27 | 6°14 | 5°37 | 4°47 | 1°40 | 11°32 | 6°27 | 8°11 | 1°38 | 18°16 | M19 |
| T 20 | 11 50 39 | 29°33'34 | 8♎46 | 29°10 | 15° 8 | 3°12 | 6°17 | 5°39 | 4°50 | 1°39 | 11°32 | 6°23 | 8° 8 | 1°45 | 18°16 | T 20 |
| W21 | 11 54 35 | 0♈33'00 | 22°49 | 1♈10 | 16°11 | 3°56 | 6°21 | 5°42 | 4°53 | 1°38 | 11°32 | 6°21 | 8° 4 | 1°51 | 18°17 | W21 |
| T 22 | 11 58 32 | 1°32'24 | 6♏28 | 3°11 | 17°13 | 4°40 | 6°24 | 5°44 | 4°56 | 1°38 | 11°32 | 6°D20 | 8° 1 | 1°58 | 18°18 | T 22 |
| F 23 | 12 2 29 | 2°31'47 | 19°42 | 5°12 | 18°15 | 5°25 | 6°28 | 5°46 | 5° 0 | 1°37 | 11°31 | 6°20 | 7°58 | 2° 5 | 18°19 | F 23 |
| S 24 | 12 6 25 | 3°31'08 | 2♐32 | 7°14 | 19°16 | 6° 9 | 6°33 | 5°49 | 5° 3 | 1°36 | 11°31 | 6°22 | 7°55 | 2°12 | 18°19 | S 24 |
| S 25 | 12 10 22 | 4°30'27 | 15° 2 | 9°17 | 20°17 | 6°53 | 6°37 | 5°51 | 5° 6 | 1°36 | 11°31 | 6°24 | 7°52 | 2°18 | 18°20 | S 25 |
| M26 | 12 14 18 | 5°29'44 | 27°15 | 11°20 | 21°18 | 7°38 | 6°41 | 5°53 | 5° 9 | 1°35 | 11°30 | 6°25 | 7°49 | 2°25 | 18°20 | M26 |
| T 27 | 12 18 15 | 6°28'59 | 9♑16 | 13°23 | 22°18 | 8°22 | 6°46 | 5°54 | 5°12 | 1°35 | 11°30 | 6°R25 | 7°45 | 2°32 | 18°20 | T 27 |
| W28 | 12 22 11 | 7°28'13 | 21°10 | 15°25 | 23°18 | 9° 6 | 6°51 | 5°56 | 5°15 | 1°34 | 11°29 | 6°24 | 7°42 | 2°38 | 18°20 | W28 |
| T 29 | 12 26 8 | 8°27'24 | 3♒ 2 | 17°27 | 24°18 | 9°51 | 6°56 | 5°58 | 5°18 | 1°34 | 11°29 | 6°22 | 7°39 | 2°45 | 18°R20 | T 29 |
| F 30 | 12 30 4 | 9°26'34 | 14°56 | 19°28 | 25°17 | 10°35 | 7° 1 | 6° 0 | 5°21 | 1°33 | 11°28 | 6°19 | 7°36 | 2°52 | 18°20 | F 30 |
| S 31 | 12 34 1 | 10♈25'42 | 26♒56 | 21♈27 | 26♉16 | 11♒20 | 7♋ 6 | 6♉ 1 | 5♓24 | 1♌33 | 11♐28 | 6♏14 | 7♏33 | 2♒59 | 18♐20 | 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 | 7s36 | 16s19 | 4n57 | 15s18 | 2s 6 | 10n26 | 1n 1 | 22s48 | 0s43 | 23n32 | 0n12 | 22s29 | 0n55 | 10s49 | 0s44 | 19n34 | 0s11 | 11s40 | 10n37 | 14s 9 | 14s33 | 15s17 | 18s 0 | 4n55 |
| F 2 | 7 13 | 13 43 | 5 4 | 14 46 | 2 8 | 10 55 | 1 6 | 22 43 | 0 44 | 23 33 | 0 12 | 22 29 | 0 55 | 10 48 | 0 44 | 19 34 | 0 11 | 11 40 | 10 37 | 14 6 | 14 32 | 15 16 | 18 0 | 4 55 |
| S 3 | 6 50 | 10 31 | 4 59 | 14 13 | 2 9 | 11 24 | 1 10 | 22 37 | 0 45 | 23 33 | 0 12 | 22 29 | 0 55 | 10 46 | 0 44 | 19 34 | 0 11 | 11 40 | 10 37 | 14 3 | 14 31 | 15 14 | 18 0 | 4 56 |
| S 4 | 6 27 | 6 53 | 4 40 | 13 38 | 2 10 | 11 52 | 1 15 | 22 31 | 0 46 | 23 33 | 0 12 | 22 28 | 0 55 | 10 45 | 0 44 | 19 35 | 0 11 | 11 39 | 10 38 | 13 59 | 14 30 | 15 13 | 17 59 | 4 57 |
| M 5 | 6 4 | 2 55 | 4 8 | 13 3 | 2 11 | 12 20 | 1 20 | 22 25 | 0 47 | 23 33 | 0 12 | 22 28 | 0 55 | 10 44 | 0 44 | 19 35 | 0 11 | 11 39 | 10 38 | 13 56 | 14 29 | 15 11 | 17 59 | 4 57 |
| T 6 | 5 40 | 1n13 | 3 25 | 12 25 | 2 11 | 12 48 | 1 24 | 22 19 | 0 48 | 23 33 | 0 12 | 22 28 | 0 55 | 10 43 | 0 44 | 19 35 | 0 11 | 11 39 | 10 38 | 13 53 | 14 28 | 15 10 | 17 58 | 4 58 |
| W 7 | 5 17 | 5 21 | 2 30 | 11 47 | 2 11 | 13 16 | 1 29 | 22 12 | 0 49 | 23 33 | 0 12 | 22 28 | 0 55 | 10 41 | 0 44 | 19 35 | 0 11 | 11 39 | 10 39 | 13 51 | 14 27 | 15 8 | 17 58 | 4 59 |
| T 8 | 4 54 | 9 19 | 1 28 | 11 7 | 2 10 | 13 44 | 1 34 | 22 5 | 0 50 | 23 33 | 0 12 | 22 28 | 0 55 | 10 40 | 0 44 | 19 36 | 0 11 | 11 38 | 10 39 | 13 50 | 14 26 | 15 7 | 17 57 | 4 59 |
| F 9 | 4 30 | 12 54 | 0 20 | 10 26 | 2 8 | 14 11 | 1 38 | 21 58 | 0 50 | 23 33 | 0 12 | 22 28 | 0 55 | 10 39 | 0 44 | 19 36 | 0 11 | 11 38 | 10 39 | 13 49 | 14 25 | 15 5 | 17 57 | 5 0 |
| S 10 | 4 7 | 15 55 | 0s50 | 9 44 | 2 7 | 14 38 | 1 43 | 21 51 | 0 51 | 23 33 | 0 13 | 22 28 | 0 55 | 10 38 | 0 44 | 19 36 | 0 11 | 11 38 | 10 39 | 13 49 | 14 24 | 15 4 | 17 56 | 5 1 |
| S 11 | 3 43 | 18 8 | 1 59 | 9 0 | 2 4 | 15 4 | 1 48 | 21 43 | 0 52 | 23 33 | 0 13 | 22 27 | 0 55 | 10 36 | 0 44 | 19 36 | 0 11 | 11 38 | 10 40 | 13 50 | 14 23 | 15 2 | 17 56 | 5 1 |
| M12 | 3 20 | 19 22 | 3 3 | 8 15 | 2 2 | 15 30 | 1 52 | 21 36 | 0 53 | 23 33 | 0 13 | 22 27 | 0 55 | 10 35 | 0 44 | 19 37 | 0 11 | 11 37 | 10 40 | 13 50 | 14 22 | 15 1 | 17 55 | 5 2 |
| T 13 | 2 56 | 19 29 | 3 58 | 7 29 | 1 58 | 15 56 | 1 57 | 21 28 | 0 54 | 23 33 | 0 13 | 22 27 | 0 55 | 10 34 | 0 44 | 19 37 | 0 11 | 11 37 | 10 40 | 13 50 | 14 21 | 14 59 | 17 55 | 5 3 |
| W14 | 2 33 | 18 22 | 4 39 | 6 42 | 1 55 | 16 22 | 2 2 | 21 20 | 0 55 | 23 33 | 0 13 | 22 27 | 0 55 | 10 33 | 0 44 | 19 37 | 0 11 | 11 37 | 10 40 | 13 50 | 14 20 | 14 58 | 17 54 | 5 3 |
| T 15 | 2 9 | 16 5 | 5 3 | 5 53 | 1 50 | 16 47 | 2 6 | 21 11 | 0 56 | 23 33 | 0 13 | 22 27 | 0 55 | 10 32 | 0 44 | 19 37 | 0 11 | 11 37 | 10 41 | 13 49 | 14 19 | 14 56 | 17 54 | 5 4 |
| F 16 | 1 45 | 12 45 | 5 9 | 5 4 | 1 46 | 17 12 | 2 11 | 21 3 | 0 57 | 23 33 | 0 13 | 22 27 | 0 55 | 10 30 | 0 44 | 19 37 | 0 11 | 11 36 | 10 41 | 13 47 | 14 18 | 14 55 | 17 53 | 5 5 |
| S 17 | 1 22 | 8 36 | 4 54 | 4 13 | 1 40 | 17 36 | 2 16 | 20 54 | 0 58 | 23 33 | 0 13 | 22 27 | 0 55 | 10 29 | 0 44 | 19 38 | 0 11 | 11 36 | 10 41 | 13 45 | 14 17 | 14 53 | 17 53 | 5 5 |
| S 18 | 0 58 | 3 55 | 4 19 | 3 21 | 1 34 | 18 0 | 2 20 | 20 45 | 0 58 | 23 33 | 0 13 | 22 26 | 0 55 | 10 28 | 0 44 | 19 38 | 0 11 | 11 36 | 10 41 | 13 43 | 14 16 | 14 52 | 17 52 | 5 6 |
| M19 | 0 34 | 0s57 | 3 28 | 2 28 | 1 28 | 18 24 | 2 25 | 20 36 | 0 59 | 23 33 | 0 13 | 22 26 | 0 55 | 10 27 | 0 44 | 19 38 | 0 11 | 11 36 | 10 42 | 13 41 | 14 15 | 14 50 | 17 51 | 5 7 |
| T 20 | 0 11 | 5 41 | 2 24 | 1 34 | 1 21 | 18 47 | 2 30 | 20 27 | 1 0 | 23 33 | 0 13 | 22 26 | 0 55 | 10 26 | 0 44 | 19 38 | 0 11 | 11 35 | 10 42 | 13 40 | 14 14 | 14 48 | 17 51 | 5 7 |
| W21 | 0n13 | 10 1 | 1 13 | 0 40 | 1 13 | 19 9 | 2 34 | 20 17 | 1 1 | 23 32 | 0 13 | 22 26 | 0 55 | 10 25 | 0 44 | 19 38 | 0 11 | 11 35 | 10 42 | 13 39 | 14 13 | 14 47 | 17 50 | 5 8 |
| T 22 | 0 37 | 13 41 | 0n 1 | 0n16 | 1 5 | 19 32 | 2 39 | 20 7 | 1 2 | 23 32 | 0 13 | 22 26 | 0 55 | 10 23 | 0 44 | 19 39 | 0 11 | 11 35 | 10 42 | 13 39 | 14 12 | 14 45 | 17 50 | 5 9 |
| F 23 | 1 0 | 16 31 | 1 12 | 1 12 | 0 57 | 19 54 | 2 43 | 19 57 | 1 3 | 23 32 | 0 14 | 22 26 | 0 55 | 10 22 | 0 44 | 19 39 | 0 11 | 11 34 | 10 43 | 13 39 | 14 11 | 14 44 | 17 49 | 5 9 |
| S 24 | 1 24 | 18 26 | 2 18 | 2 9 | 0 48 | 20 15 | 2 48 | 19 47 | 1 4 | 23 32 | 0 14 | 22 26 | 0 55 | 10 21 | 0 44 | 19 39 | 0 11 | 11 34 | 10 43 | 13 40 | 14 10 | 14 42 | 17 48 | 5 10 |
| S 25 | 1 48 | 19 23 | 3 16 | 3 6 | 0 38 | 20 36 | 2 52 | 19 37 | 1 5 | 23 32 | 0 14 | 22 26 | 0 55 | 10 20 | 0 44 | 19 39 | 0 11 | 11 34 | 10 43 | 13 40 | 14 9 | 14 41 | 17 48 | 5 11 |
| M26 | 2 11 | 19 23 | 4 3 | 4 3 | 0 28 | 20 57 | 2 56 | 19 27 | 1 6 | 23 32 | 0 14 | 22 25 | 0 55 | 10 19 | 0 44 | 19 39 | 0 11 | 11 34 | 10 43 | 13 41 | 14 8 | 14 39 | 17 47 | 5 12 |
| T 27 | 2 35 | 18 31 | 4 39 | 5 1 | 0 18 | 21 17 | 3 1 | 19 16 | 1 6 | 23 32 | 0 14 | 22 25 | 0 55 | 10 18 | 0 44 | 19 39 | 0 11 | 11 33 | 10 44 | 13 41 | 14 7 | 14 38 | 17 46 | 5 12 |
| W28 | 2 58 | 16 49 | 5 2 | 5 58 | 0 7 | 21 36 | 3 5 | 19 5 | 1 7 | 23 31 | 0 14 | 22 25 | 0 55 | 10 17 | 0 44 | 19 39 | 0 11 | 11 33 | 10 44 | 13 40 | 14 6 | 14 36 | 17 46 | 5 13 |
| T 29 | 3 21 | 14 26 | 5 13 | 6 55 | 0n 4 | 21 56 | 3 9 | 18 54 | 1 8 | 23 31 | 0 14 | 22 25 | 0 55 | 10 16 | 0 44 | 19 40 | 0 11 | 11 33 | 10 44 | 13 40 | 14 5 | 14 34 | 17 45 | 5 14 |
| F 30 | 3 45 | 11 26 | 5 10 | 7 51 | 0 15 | 22 14 | 3 13 | 18 43 | 1 9 | 23 31 | 0 14 | 22 25 | 0 55 | 10 15 | 0 44 | 19 40 | 0 11 | 11 32 | 10 44 | 13 38 | 14 4 | 14 33 | 17 44 | 5 14 |
| S 31 | 4n 8 | 7s57 | 4n53 | 8n47 | 0n26 | 22n32 | 3n18 | 18s31 | 1s10 | 23n31 | 0n14 | 22s25 | 0n55 | 10s13 | 0s44 | 19n40 | 0s11 | 11s32 | 10n45 | 13s37 | 14s 3 | 14s31 | 17s44 | 5n15 |

Julian Day Number = 2361389.5, Delta T = 16.92 sec
Ecliptic obliquity = 23°28'10, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°17'39, Lahiri = 20°24'40Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1753
# geocentric

## APRIL 1753 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 12 37 58 | 11♈24'48 | 9♓ 5 | 23♈25 | 27♉14 | 12♒ 4 | 7♋12 | 6♌ 3 | 5♓27 | 1°R32 | 11°R27 | 6°R10 | 7♏30 | 3♒ 5 | 18°R20 | S 1 |
| M 2 | 12 41 54 | 12°23'52 | 21°25 | 25°21 | 28°12 | 12°49 | 7°17 | 6° 4 | 5°30 | 1♌32 | 11♐27 | 6♏ 6 | 7°26 | 3°12 | 18♐19 | M 2 |
| T 3 | 12 45 51 | 13°22'55 | 3♈57 | 27°15 | 29° 9 | 13°33 | 7°23 | 6° 5 | 5°33 | 1°32 | 11°26 | 6° 3 | 7°23 | 3°19 | 18°19 | T 3 |
| W 4 | 12 49 47 | 14°21'55 | 16°44 | 29° 5 | 0♊ 5 | 14°18 | 7°29 | 6° 6 | 5°36 | 1°31 | 11°25 | 6° 1 | 7°20 | 3°26 | 18°18 | W 4 |
| T 5 | 12 53 44 | 15°20'53 | 29°44 | 0♉53 | 1° 2 | 15° 2 | 7°35 | 6° 7 | 5°39 | 1°31 | 11°25 | 6°D 0 | 7°17 | 3°32 | 18°17 | T 5 |
| F 6 | 12 57 40 | 16°19'49 | 12♉57 | 2°37 | 1°57 | 15°47 | 7°42 | 6° 8 | 5°41 | 1°31 | 11°24 | 6° 0 | 7°14 | 3°39 | 18°17 | F 6 |
| S 7 | 13 1 37 | 17°18'43 | 26°23 | 4°18 | 2°52 | 16°31 | 7°48 | 6° 9 | 5°44 | 1°31 | 11°23 | 6° 0 | 7°10 | 3°46 | 18°16 | S 7 |
| S 8 | 13 5 33 | 18°17'35 | 10♊ 1 | 5°54 | 3°47 | 17°16 | 7°55 | 6°10 | 5°47 | 1°31 | 11°22 | 6° 2 | 7° 7 | 3°52 | 18°15 | S 8 |
| M 9 | 13 9 30 | 19°16'25 | 23°50 | 7°26 | 4°41 | 18° 0 | 8° 1 | 6°10 | 5°50 | 1°31 | 11°22 | 6° 3 | 7° 4 | 3°59 | 18°14 | M 9 |
| T 10 | 13 13 27 | 20°15'12 | 7♋49 | 8°53 | 5°34 | 18°45 | 8° 8 | 6°11 | 5°52 | 1°31 | 11°21 | 6° 4 | 7° 1 | 4° 6 | 18°13 | T 10 |
| W11 | 13 17 23 | 21°13'58 | 21°57 | 10°16 | 6°27 | 19°29 | 8°15 | 6°11 | 5°55 | 1°30 | 11°20 | 6°R 4 | 6°58 | 4°13 | 18°11 | W11 |
| T 12 | 13 21 20 | 22°12'40 | 6♌12 | 11°33 | 7°19 | 20°14 | 8°22 | 6°12 | 5°58 | 1°D30 | 11°19 | 6° 4 | 6°55 | 4°19 | 18°10 | T 12 |
| F 13 | 13 25 16 | 23°11'21 | 20°31 | 12°46 | 8°10 | 20°58 | 8°30 | 6°12 | 6° 0 | 1°30 | 11°18 | 6° 3 | 6°51 | 4°26 | 18° 9 | F 13 |
| S 14 | 13 29 13 | 24° 9'59 | 4♍51 | 13°53 | 9° 1 | 21°43 | 8°37 | 6°12 | 6° 3 | 1°31 | 11°17 | 6° 2 | 6°48 | 4°33 | 18° 7 | S 14 |
| S 15 | 13 33 9 | 25° 8'35 | 19° 9 | 14°55 | 9°50 | 22°27 | 8°44 | 6°R12 | 6° 5 | 1°31 | 11°16 | 6° 0 | 6°45 | 4°39 | 18° 6 | S 15 |
| M16 | 13 37 6 | 26° 7'08 | 3♎19 | 15°51 | 10°39 | 23°12 | 8°52 | 6°12 | 6° 8 | 1°31 | 11°15 | 5°59 | 6°42 | 4°46 | 18° 4 | M16 |
| T 17 | 13 41 2 | 27° 5'40 | 17°17 | 16°41 | 11°28 | 23°56 | 9° 0 | 6°12 | 6°10 | 1°31 | 11°14 | 5°58 | 6°39 | 4°53 | 18° 2 | T 17 |
| W18 | 13 44 59 | 28° 4'10 | 1♏ 1 | 17°26 | 12°15 | 24°41 | 9° 8 | 6°11 | 6°13 | 1°31 | 11°13 | 5°D58 | 6°35 | 5° 0 | 18° 0 | W18 |
| T 19 | 13 48 55 | 29° 2'38 | 14°26 | 18° 5 | 13° 1 | 25°25 | 9°16 | 6°11 | 6°15 | 1°31 | 11°12 | 5°58 | 6°32 | 5° 6 | 17°58 | T 19 |
| F 20 | 13 52 52 | 0♉ 1'04 | 27°33 | 18°38 | 13°47 | 26°10 | 9°24 | 6°11 | 6°18 | 1°32 | 11°11 | 5°58 | 6°29 | 5°13 | 17°56 | F 20 |
| S 21 | 13 56 49 | 0°59'29 | 10♐20 | 19° 6 | 14°32 | 26°54 | 9°32 | 6°10 | 6°20 | 1°32 | 11°10 | 5°59 | 6°26 | 5°20 | 17°54 | S 21 |
| S 22 | 14 0 45 | 1°57'51 | 22°50 | 19°28 | 15°15 | 27°39 | 9°41 | 6° 9 | 6°22 | 1°32 | 11° 9 | 5°59 | 6°23 | 5°27 | 17°52 | S 22 |
| M23 | 14 4 42 | 2°56'13 | 5♑ 5 | 19°44 | 15°58 | 28°23 | 9°49 | 6° 9 | 6°25 | 1°33 | 11° 8 | 5°59 | 6°20 | 5°33 | 17°50 | M23 |
| T 24 | 14 8 38 | 3°54'32 | 17° 9 | 19°54 | 16°39 | 29° 8 | 9°58 | 6° 8 | 6°27 | 1°33 | 11° 7 | 6° 0 | 6°16 | 5°40 | 17°47 | T 24 |
| W25 | 14 12 35 | 4°52'50 | 29° 5 | 19°R58 | 17°20 | 29°52 | 10° 7 | 6° 7 | 6°29 | 1°33 | 11° 5 | 6° 0 | 6°13 | 5°47 | 17°45 | W25 |
| T 26 | 14 16 31 | 5°51'06 | 10♒58 | 19°57 | 17°59 | 0♓37 | 10°16 | 6° 6 | 6°31 | 1°34 | 11° 4 | 6° 0 | 6°10 | 5°53 | 17°42 | T 26 |
| F 27 | 14 20 28 | 6°49'21 | 22°53 | 19°51 | 18°38 | 1°21 | 10°25 | 6° 5 | 6°33 | 1°34 | 11° 3 | 6° 0 | 6° 7 | 6° 0 | 17°40 | F 27 |
| S 28 | 14 24 24 | 7°47'34 | 4♓55 | 19°40 | 19°15 | 2° 5 | 10°34 | 6° 4 | 6°35 | 1°35 | 11° 2 | 6° 0 | 6° 4 | 6° 7 | 17°37 | S 28 |
| S 29 | 14 28 21 | 8°45'46 | 17° 6 | 19°24 | 19°51 | 2°50 | 10°43 | 6° 2 | 6°37 | 1°35 | 11° 0 | 6° 0 | 6° 1 | 6°14 | 17°35 | S 29 |
| M30 | 14 32 18 | 9♉43'56 | 29♓32 | 19♉ 4 | 20♊25 | 3♓34 | 10♋53 | 6♌ 1 | 6♓39 | 1♌36 | 10♐59 | 6♏ 1 | 5♏57 | 6♒20 | 17♐32 | M30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 4n31 | 4s 6 | 4n23 | 9n42 | 0n38 | 22n50 | 3n22 | 18s20 | 1s11 | 23n31 | 0n14 | 22s25 | 0n55 | 10s12 | 0s44 | 19n40 | 0s11 | 11s32 | 10n45 | 13s36 | 14s 2 | 14s30 | 17s43 | 5n16 |
| M 2 | 4 54 | 0 2 | 3 41 | 10 35 | 0 49 | 23 7 | 3 26 | 18 8 | 1 12 | 23 30 | 0 14 | 22 25 | 0 55 | 10 11 | 0 44 | 19 40 | 0 11 | 11 32 | 10 45 | 13 34 | 14 1 | 14 28 | 17 42 | 5 16 |
| T 3 | 5 17 | 4n 8 | 2 47 | 11 27 | 1 1 | 23 24 | 3 29 | 17 56 | 1 13 | 23 30 | 0 14 | 22 25 | 0 55 | 10 10 | 0 44 | 19 40 | 0 11 | 11 31 | 10 45 | 13 33 | 14 0 | 14 27 | 17 42 | 5 17 |
| W 4 | 5 40 | 8 11 | 1 44 | 12 18 | 1 12 | 23 40 | 3 33 | 17 44 | 1 14 | 23 30 | 0 14 | 22 25 | 0 55 | 10 9 | 0 44 | 19 40 | 0 11 | 11 31 | 10 46 | 13 32 | 13 59 | 14 25 | 17 41 | 5 18 |
| T 5 | 6 3 | 11 56 | 0 34 | 13 6 | 1 24 | 23 56 | 3 37 | 17 32 | 1 15 | 23 30 | 0 14 | 22 25 | 0 55 | 10 8 | 0 44 | 19 40 | 0 11 | 11 31 | 10 46 | 13 32 | 13 58 | 14 23 | 17 40 | 5 18 |
| F 6 | 6 26 | 15 8 | 0s38 | 13 53 | 1 34 | 24 11 | 3 41 | 17 20 | 1 15 | 23 29 | 0 15 | 22 25 | 0 55 | 10 7 | 0 44 | 19 40 | 0 11 | 11 30 | 10 46 | 13 32 | 13 57 | 14 22 | 17 39 | 5 19 |
| S 7 | 6 48 | 17 35 | 1 50 | 14 37 | 1 45 | 24 25 | 3 44 | 17 7 | 1 16 | 23 29 | 0 15 | 22 25 | 0 55 | 10 6 | 0 44 | 19 40 | 0 11 | 11 30 | 10 46 | 13 32 | 13 55 | 14 20 | 17 39 | 5 20 |
| S 8 | 7 11 | 19 4 | 2 57 | 15 19 | 1 55 | 24 40 | 3 48 | 16 54 | 1 17 | 23 29 | 0 15 | 22 24 | 0 55 | 10 5 | 0 44 | 19 40 | 0 11 | 11 30 | 10 46 | 13 33 | 13 54 | 14 19 | 17 38 | 5 20 |
| M 9 | 7 33 | 19 25 | 3 54 | 15 58 | 2 4 | 24 53 | 3 51 | 16 42 | 1 18 | 23 28 | 0 15 | 22 24 | 0 55 | 10 4 | 0 44 | 19 40 | 0 11 | 11 29 | 10 47 | 13 33 | 13 53 | 14 17 | 17 37 | 5 21 |
| T 10 | 7 55 | 18 36 | 4 39 | 16 35 | 2 13 | 25 6 | 3 54 | 16 29 | 1 19 | 23 28 | 0 15 | 22 24 | 0 55 | 10 3 | 0 44 | 19 40 | 0 11 | 11 29 | 10 47 | 13 34 | 13 52 | 14 16 | 17 37 | 5 21 |
| W11 | 8 18 | 16 38 | 5 7 | 17 9 | 2 21 | 25 19 | 3 58 | 16 16 | 1 20 | 23 28 | 0 15 | 22 24 | 0 55 | 10 2 | 0 44 | 19 40 | 0 11 | 11 29 | 10 47 | 13 34 | 13 51 | 14 14 | 17 36 | 5 22 |
| T 12 | 8 40 | 13 38 | 5 16 | 17 40 | 2 29 | 25 31 | 4 1 | 16 2 | 1 21 | 23 27 | 0 15 | 22 24 | 0 55 | 10 1 | 0 44 | 19 41 | 0 11 | 11 29 | 10 47 | 13 34 | 13 50 | 14 12 | 17 35 | 5 23 |
| F 13 | 9 1 | 9 50 | 5 6 | 18 9 | 2 35 | 25 42 | 4 4 | 15 49 | 1 22 | 23 27 | 0 15 | 22 24 | 0 55 | 10 0 | 0 44 | 19 41 | 0 11 | 11 28 | 10 47 | 13 33 | 13 49 | 14 11 | 17 34 | 5 23 |
| S 14 | 9 23 | 5 26 | 4 37 | 18 35 | 2 41 | 25 53 | 4 6 | 15 35 | 1 23 | 23 26 | 0 15 | 22 24 | 0 55 | 9 59 | 0 44 | 19 41 | 0 11 | 11 28 | 10 48 | 13 33 | 13 48 | 14 9 | 17 34 | 5 24 |
| S 15 | 9 45 | 0 46 | 3 51 | 18 58 | 2 45 | 26 3 | 4 9 | 15 22 | 1 23 | 23 26 | 0 15 | 22 24 | 0 55 | 9 59 | 0 44 | 19 41 | 0 11 | 11 28 | 10 48 | 13 32 | 13 47 | 14 8 | 17 33 | 5 25 |
| M16 | 10 6 | 3s56 | 2 51 | 19 18 | 2 49 | 26 13 | 4 12 | 15 8 | 1 24 | 23 26 | 0 15 | 22 24 | 0 55 | 9 58 | 0 44 | 19 41 | 0 11 | 11 27 | 10 48 | 13 32 | 13 46 | 14 6 | 17 32 | 5 25 |
| T 17 | 10 27 | 8 22 | 1 42 | 19 35 | 2 52 | 26 23 | 4 14 | 14 54 | 1 25 | 23 25 | 0 15 | 22 24 | 0 55 | 9 57 | 0 44 | 19 41 | 0 11 | 11 27 | 10 48 | 13 32 | 13 45 | 14 4 | 17 31 | 5 26 |
| W18 | 10 48 | 12 16 | 0 27 | 19 50 | 2 53 | 26 31 | 4 16 | 14 40 | 1 26 | 23 25 | 0 15 | 22 24 | 0 55 | 9 56 | 0 44 | 19 40 | 0 11 | 11 27 | 10 48 | 13 32 | 13 44 | 14 3 | 17 30 | 5 26 |
| T 19 | 11 9 | 15 27 | 0n47 | 20 1 | 2 54 | 26 40 | 4 18 | 14 26 | 1 27 | 23 24 | 0 15 | 22 24 | 0 55 | 9 55 | 0 44 | 19 40 | 0 11 | 11 26 | 10 48 | 13 32 | 13 43 | 14 1 | 17 30 | 5 27 |
| F 20 | 11 30 | 17 44 | 1 57 | 20 10 | 2 53 | 26 47 | 4 20 | 14 11 | 1 28 | 23 24 | 0 15 | 22 24 | 0 55 | 9 54 | 0 45 | 19 40 | 0 11 | 11 26 | 10 49 | 13 32 | 13 42 | 14 0 | 17 29 | 5 28 |
| S 21 | 11 50 | 19 4 | 2 59 | 20 16 | 2 51 | 26 55 | 4 22 | 13 57 | 1 29 | 23 23 | 0 16 | 22 24 | 0 55 | 9 53 | 0 45 | 19 40 | 0 11 | 11 26 | 10 49 | 13 32 | 13 41 | 13 58 | 17 28 | 5 28 |
| S 22 | 12 10 | 19 25 | 3 52 | 20 19 | 2 48 | 27 1 | 4 24 | 13 42 | 1 30 | 23 22 | 0 16 | 22 24 | 0 55 | 9 53 | 0 45 | 19 40 | 0 11 | 11 26 | 10 49 | 13 32 | 13 40 | 13 56 | 17 27 | 5 29 |
| M23 | 12 30 | 18 50 | 4 32 | 20 19 | 2 44 | 27 7 | 4 25 | 13 28 | 1 30 | 23 22 | 0 16 | 22 24 | 0 55 | 9 52 | 0 45 | 19 40 | 0 11 | 11 25 | 10 49 | 13 32 | 13 39 | 13 55 | 17 27 | 5 29 |
| T 24 | 12 50 | 17 24 | 5 0 | 20 16 | 2 38 | 27 13 | 4 26 | 13 13 | 1 31 | 23 21 | 0 16 | 22 24 | 0 55 | 9 51 | 0 45 | 19 40 | 0 10 | 11 25 | 10 49 | 13 32 | 13 38 | 13 53 | 17 26 | 5 30 |
| W25 | 13 10 | 15 14 | 5 15 | 20 11 | 2 31 | 27 18 | 4 28 | 12 58 | 1 32 | 23 21 | 0 16 | 22 24 | 0 55 | 9 50 | 0 45 | 19 40 | 0 10 | 11 25 | 10 49 | 13 32 | 13 37 | 13 52 | 17 25 | 5 31 |
| T 26 | 13 29 | 12 26 | 5 16 | 20 2 | 2 23 | 27 23 | 4 28 | 12 43 | 1 33 | 23 20 | 0 16 | 22 24 | 0 55 | 9 49 | 0 45 | 19 40 | 0 10 | 11 24 | 10 49 | 13 32 | 13 36 | 13 50 | 17 24 | 5 31 |
| F 27 | 13 49 | 9 7 | 5 3 | 19 52 | 2 13 | 27 27 | 4 29 | 12 28 | 1 34 | 23 19 | 0 16 | 22 24 | 0 55 | 9 49 | 0 45 | 19 40 | 0 10 | 11 24 | 10 50 | 13 32 | 13 35 | 13 48 | 17 23 | 5 32 |
| S 28 | 14 8 | 5 25 | 4 38 | 19 38 | 2 2 | 27 31 | 4 29 | 12 13 | 1 35 | 23 19 | 0 16 | 22 25 | 0 55 | 9 48 | 0 45 | 19 40 | 0 10 | 11 24 | 10 50 | 13 32 | 13 34 | 13 47 | 17 23 | 5 32 |
| S 29 | 14 26 | 1 26 | 3 59 | 19 22 | 1 50 | 27 34 | 4 30 | 11 58 | 1 35 | 23 18 | 0 16 | 22 25 | 0 55 | 9 47 | 0 45 | 19 40 | 0 10 | 11 24 | 10 50 | 13 32 | 13 32 | 13 45 | 17 22 | 5 33 |
| M30 | 14n45 | 2n42 | 3n 9 | 19n 4 | 1n37 | 27n36 | 4n30 | 11s42 | 1s36 | 23n17 | 0n16 | 22s25 | 0n55 | 9s46 | 0s45 | 19n40 | 0s10 | 11s23 | 10n50 | 13s32 | 13s31 | 13s43 | 17s21 | 5n33 |

Julian Day Number = 2361420.5, Delta T = 16.95 sec
Ecliptic obliquity = 23°28'10, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°17'43, Lahiri = 20°24'44Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1753
# geocentric

## MAY 1753 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 14 36 14 | 10♉42'05 | 12♈14 | 18°R40 | 20♊58 | 4♓19 | 11♋ 2 | 5°R59 | 6♓41 | 1♌37 | 10°R58 | 6♏ 1 | 5♏54 | 6♒27 | 17°R29 | T 1 |
| W 2 | 14 40 11 | 11°40'12 | 25°15 | 18♉12 | 21°30 | 5° 3 | 11°12 | 5♌58 | 6°43 | 1°37 | 10♐56 | 6° 1 | 5°51 | 6°34 | 17♐26 | W 2 |
| T 3 | 14 44 7 | 12°38'18 | 8♉34 | 17°41 | 22° 0 | 5°48 | 11°21 | 5°56 | 6°45 | 1°38 | 10°55 | 6°R 1 | 5°48 | 6°41 | 17°23 | T 3 |
| F 4 | 14 48 4 | 13°36'22 | 22°11 | 17° 8 | 22°29 | 6°32 | 11°31 | 5°54 | 6°47 | 1°39 | 10°54 | 6° 1 | 5°45 | 6°47 | 17°20 | F 4 |
| S 5 | 14 52 0 | 14°34'24 | 6♊ 4 | 16°33 | 22°56 | 7°16 | 11°41 | 5°52 | 6°49 | 1°39 | 10°52 | 6° 0 | 5°41 | 6°54 | 17°17 | S 5 |
| S 6 | 14 55 57 | 15°32'25 | 20° 9 | 15°57 | 23°22 | 8° 1 | 11°51 | 5°50 | 6°50 | 1°40 | 10°51 | 5°59 | 5°38 | 7° 1 | 17°13 | S 6 |
| M 7 | 14 59 53 | 16°30'24 | 4♋23 | 15°21 | 23°46 | 8°45 | 12° 1 | 5°48 | 6°52 | 1°41 | 10°49 | 5°58 | 5°35 | 7° 7 | 17°10 | M 7 |
| T 8 | 15 3 50 | 17°28'21 | 18°41 | 14°44 | 24° 8 | 9°29 | 12°11 | 5°46 | 6°54 | 1°42 | 10°48 | 5°57 | 5°32 | 7°14 | 17° 7 | T 8 |
| W 9 | 15 7 47 | 18°26'16 | 3♌ 0 | 14° 9 | 24°28 | 10°13 | 12°22 | 5°44 | 6°55 | 1°43 | 10°46 | 5°56 | 5°29 | 7°21 | 17° 3 | W 9 |
| T 10 | 15 11 43 | 19°24'10 | 17°16 | 13°35 | 24°47 | 10°58 | 12°32 | 5°42 | 6°57 | 1°44 | 10°45 | 5°D56 | 5°26 | 7°28 | 17° 0 | T 10 |
| F 11 | 15 15 40 | 20°22'01 | 1♍26 | 13° 2 | 25° 3 | 11°42 | 12°42 | 5°39 | 6°58 | 1°45 | 10°44 | 5°56 | 5°22 | 7°34 | 16°57 | F 11 |
| S 12 | 15 19 36 | 21°19'51 | 15°28 | 12°33 | 25°18 | 12°26 | 12°53 | 5°37 | 7° 0 | 1°45 | 10°42 | 5°57 | 5°19 | 7°41 | 16°53 | S 12 |
| S 13 | 15 23 33 | 22°17'39 | 29°22 | 12° 6 | 25°30 | 13°10 | 13° 3 | 5°34 | 7° 1 | 1°46 | 10°41 | 5°58 | 5°16 | 7°48 | 16°49 | S 13 |
| M14 | 15 27 29 | 23°15'25 | 13♎ 5 | 11°42 | 25°41 | 13°54 | 13°14 | 5°32 | 7° 3 | 1°47 | 10°39 | 5°59 | 5°13 | 7°54 | 16°46 | M14 |
| T 15 | 15 31 26 | 24°13'10 | 26°36 | 11°22 | 25°49 | 14°38 | 13°25 | 5°29 | 7° 4 | 1°49 | 10°37 | 6° 0 | 5°10 | 8° 1 | 16°42 | T 15 |
| W16 | 15 35 22 | 25°10'53 | 9♏54 | 11° 6 | 25°55 | 15°22 | 13°36 | 5°26 | 7° 5 | 1°50 | 10°36 | 6°R 0 | 5° 7 | 8° 8 | 16°38 | W16 |
| T 17 | 15 39 19 | 26° 8'35 | 22°59 | 10°55 | 25°58 | 16° 6 | 13°47 | 5°24 | 7° 7 | 1°51 | 10°34 | 5°59 | 5° 3 | 8°15 | 16°35 | T 17 |
| F 18 | 15 43 16 | 27° 6'15 | 5♐50 | 10°47 | 26°R 0 | 16°50 | 13°58 | 5°21 | 7° 8 | 1°52 | 10°33 | 5°58 | 5° 0 | 8°21 | 16°31 | F 18 |
| S 19 | 15 47 12 | 28° 3'54 | 18°27 | 10°D44 | 25°59 | 17°34 | 14° 9 | 5°18 | 7° 9 | 1°53 | 10°31 | 5°55 | 4°57 | 8°28 | 16°27 | S 19 |
| S 20 | 15 51 9 | 29° 1'32 | 0♑51 | 10°46 | 25°55 | 18°18 | 14°20 | 5°15 | 7°10 | 1°54 | 10°30 | 5°51 | 4°54 | 8°35 | 16°23 | S 20 |
| M21 | 15 55 5 | 29°59'09 | 13° 3 | 10°52 | 25°49 | 19° 2 | 14°31 | 5°11 | 7°11 | 1°55 | 10°28 | 5°47 | 4°51 | 8°42 | 16°19 | M21 |
| T 22 | 15 59 2 | 0♊56'45 | 25° 6 | 11° 2 | 25°41 | 19°46 | 14°43 | 5° 8 | 7°12 | 1°57 | 10°27 | 5°44 | 4°47 | 8°48 | 16°15 | T 22 |
| W23 | 16 2 58 | 1°54'20 | 7♒ 2 | 11°17 | 25°31 | 20°30 | 14°54 | 5° 5 | 7°13 | 1°58 | 10°25 | 5°41 | 4°44 | 8°55 | 16°11 | W23 |
| T 24 | 16 6 55 | 2°51'54 | 18°55 | 11°37 | 25°17 | 21°13 | 15° 6 | 5° 2 | 7°14 | 1°59 | 10°23 | 5°39 | 4°41 | 9° 2 | 16° 7 | T 24 |
| F 25 | 16 10 51 | 3°49'27 | 0♓49 | 12° 0 | 25° 2 | 21°57 | 15°17 | 4°58 | 7°15 | 2° 1 | 10°22 | 5°D38 | 4°38 | 9° 8 | 16° 3 | F 25 |
| S 26 | 16 14 48 | 4°46'59 | 12°49 | 12°28 | 24°44 | 22°41 | 15°29 | 4°55 | 7°16 | 2° 2 | 10°20 | 5°38 | 4°35 | 9°15 | 15°59 | S 26 |
| S 27 | 16 18 45 | 5°44'30 | 25° 1 | 13° 1 | 24°24 | 23°25 | 15°40 | 4°51 | 7°16 | 2° 3 | 10°19 | 5°39 | 4°32 | 9°22 | 15°55 | S 27 |
| M28 | 16 22 41 | 6°42'00 | 7♈27 | 13°37 | 24° 2 | 24° 8 | 15°52 | 4°48 | 7°17 | 2° 5 | 10°17 | 5°41 | 4°28 | 9°29 | 15°51 | M28 |
| T 29 | 16 26 38 | 7°39'30 | 20°13 | 14°17 | 23°37 | 24°52 | 16° 4 | 4°44 | 7°18 | 2° 6 | 10°15 | 5°42 | 4°25 | 9°35 | 15°47 | T 29 |
| W30 | 16 30 34 | 8°36'59 | 3♉21 | 15° 1 | 23°11 | 25°35 | 16°16 | 4°40 | 7°19 | 2° 8 | 10°14 | 5°R43 | 4°22 | 9°42 | 15°42 | W30 |
| T 31 | 16 34 31 | 9♊34'27 | 16♉53 | 15♉49 | 22♊42 | 26♓19 | 16♋28 | 4♑37 | 7♓19 | 2♌ 9 | 10♐12 | 5♏43 | 4♏19 | 9♒49 | 15♐38 | 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 | 15n 3 | 6n48 | 2n 8 | 18n44 | 1n23 | 27n38 | 4n29 | 11s27 | 1s37 | 23n17 | 0n16 | 22s25 | 0n55 | 9s46 | 0s45 | 19n39 | 0s10 | 11s23 | 10n50 | 13s33 | 13s30 | 13s42 | 17s20 | 5n34 |
| W 2 | 15 21 | 10 42 | 0 59 | 18 22 | 1 9 | 27 40 | 4 29 | 11 11 | 1 38 | 23 16 | 0 16 | 22 25 | 0 55 | 9 45 | 0 45 | 19 39 | 0 10 | 11 23 | 10 50 | 13 33 | 13 29 | 13 40 | 17 19 | 5 34 |
| T 3 | 15 39 | 14 9 | 0s14 | 17 58 | 0 53 | 27 41 | 4 28 | 10 56 | 1 39 | 23 15 | 0 16 | 22 25 | 0 55 | 9 44 | 0 45 | 19 39 | 0 10 | 11 22 | 10 50 | 13 33 | 13 28 | 13 39 | 17 19 | 5 35 |
| F 4 | 15 57 | 16 55 | 1 28 | 17 33 | 0 36 | 27 42 | 4 27 | 10 40 | 1 40 | 23 14 | 0 16 | 22 25 | 0 55 | 9 44 | 0 45 | 19 39 | 0 10 | 11 22 | 10 50 | 13 33 | 13 27 | 13 37 | 17 18 | 5 35 |
| S 5 | 16 14 | 18 44 | 2 39 | 17 7 | 0 19 | 27 42 | 4 25 | 10 24 | 1 40 | 23 14 | 0 16 | 22 25 | 0 55 | 9 43 | 0 45 | 19 39 | 0 10 | 11 22 | 10 50 | 13 32 | 13 26 | 13 35 | 17 17 | 5 36 |
| S 6 | 16 31 | 19 26 | 3 41 | 16 40 | 0 2 | 27 41 | 4 24 | 10 8 | 1 41 | 23 13 | 0 16 | 22 25 | 0 55 | 9 43 | 0 45 | 19 39 | 0 10 | 11 22 | 10 50 | 13 32 | 13 25 | 13 34 | 17 16 | 5 36 |
| M 7 | 16 48 | 18 54 | 4 30 | 16 13 | 0s15 | 27 41 | 4 22 | 9 53 | 1 42 | 23 12 | 0 17 | 22 25 | 0 55 | 9 42 | 0 45 | 19 39 | 0 10 | 11 21 | 10 50 | 13 32 | 13 24 | 13 32 | 17 16 | 5 37 |
| T 8 | 17 4 | 17 11 | 5 2 | 15 46 | 0 33 | 27 39 | 4 19 | 9 37 | 1 43 | 23 11 | 0 17 | 22 25 | 0 55 | 9 41 | 0 45 | 19 38 | 0 10 | 11 21 | 10 51 | 13 31 | 13 23 | 13 30 | 17 15 | 5 37 |
| W 9 | 17 20 | 14 23 | 5 16 | 15 19 | 0 50 | 27 37 | 4 17 | 9 21 | 1 44 | 23 10 | 0 17 | 22 25 | 0 55 | 9 41 | 0 45 | 19 38 | 0 10 | 11 21 | 10 51 | 13 31 | 13 22 | 13 29 | 17 14 | 5 38 |
| T 10 | 17 36 | 10 45 | 5 10 | 14 52 | 1 7 | 27 35 | 4 13 | 9 5 | 1 44 | 23 9 | 0 17 | 22 25 | 0 55 | 9 40 | 0 45 | 19 38 | 0 10 | 11 21 | 10 51 | 13 31 | 13 21 | 13 27 | 17 13 | 5 38 |
| F 11 | 17 52 | 6 32 | 4 46 | 14 27 | 1 24 | 27 32 | 4 10 | 8 48 | 1 45 | 23 8 | 0 17 | 22 26 | 0 55 | 9 40 | 0 45 | 19 38 | 0 10 | 11 20 | 10 51 | 13 31 | 13 20 | 13 26 | 17 12 | 5 39 |
| S 12 | 18 7 | 1 59 | 4 4 | 14 2 | 1 39 | 27 29 | 4 6 | 8 32 | 1 46 | 23 7 | 0 17 | 22 26 | 0 55 | 9 39 | 0 45 | 19 38 | 0 10 | 11 20 | 10 51 | 13 31 | 13 19 | 13 24 | 17 12 | 5 39 |
| S 13 | 18 22 | 2s38 | 3 9 | 13 40 | 1 55 | 27 25 | 4 2 | 8 16 | 1 47 | 23 6 | 0 17 | 22 26 | 0 55 | 9 39 | 0 45 | 19 37 | 0 10 | 11 20 | 10 51 | 13 32 | 13 18 | 13 22 | 17 11 | 5 40 |
| M14 | 18 37 | 7 4 | 2 3 | 13 19 | 2 9 | 27 21 | 3 57 | 8 0 | 1 48 | 23 5 | 0 17 | 22 26 | 0 55 | 9 38 | 0 45 | 19 37 | 0 10 | 11 20 | 10 51 | 13 32 | 13 17 | 13 21 | 17 10 | 5 40 |
| T 15 | 18 51 | 11 4 | 0 52 | 13 0 | 2 23 | 27 16 | 3 52 | 7 43 | 1 48 | 23 4 | 0 17 | 22 26 | 0 55 | 9 38 | 0 45 | 19 37 | 0 10 | 11 20 | 10 51 | 13 32 | 13 16 | 13 19 | 17 9 | 5 40 |
| W16 | 19 5 | 14 28 | 0n21 | 12 43 | 2 35 | 27 11 | 3 47 | 7 27 | 1 49 | 23 3 | 0 17 | 22 26 | 0 55 | 9 37 | 0 45 | 19 37 | 0 10 | 11 19 | 10 51 | 13 32 | 13 14 | 13 17 | 17 9 | 5 41 |
| T 17 | 19 19 | 17 3 | 1 32 | 12 28 | 2 47 | 27 5 | 3 41 | 7 10 | 1 50 | 23 2 | 0 17 | 22 26 | 0 55 | 9 37 | 0 45 | 19 37 | 0 10 | 11 19 | 10 51 | 13 32 | 13 13 | 13 16 | 17 8 | 5 41 |
| F 18 | 19 32 | 18 44 | 2 37 | 12 16 | 2 57 | 26 59 | 3 35 | 6 54 | 1 51 | 23 1 | 0 17 | 22 26 | 0 55 | 9 36 | 0 46 | 19 36 | 0 10 | 11 19 | 10 51 | 13 31 | 13 12 | 13 14 | 17 7 | 5 42 |
| S 19 | 19 45 | 19 26 | 3 33 | 12 6 | 3 7 | 26 52 | 3 28 | 6 37 | 1 51 | 23 0 | 0 17 | 22 27 | 0 55 | 9 36 | 0 46 | 19 36 | 0 10 | 11 19 | 10 51 | 13 31 | 13 11 | 13 12 | 17 6 | 5 42 |
| S 20 | 19 58 | 19 11 | 4 17 | 11 59 | 3 15 | 26 45 | 3 20 | 6 21 | 1 52 | 22 59 | 0 17 | 22 27 | 0 55 | 9 36 | 0 46 | 19 36 | 0 10 | 11 19 | 10 51 | 13 29 | 13 10 | 13 11 | 17 6 | 5 42 |
| M21 | 20 10 | 18 2 | 4 49 | 11 54 | 3 23 | 26 37 | 3 13 | 6 4 | 1 53 | 22 58 | 0 17 | 22 27 | 0 55 | 9 35 | 0 46 | 19 36 | 0 10 | 11 18 | 10 51 | 13 28 | 13 9 | 13 9 | 17 5 | 5 43 |
| T 22 | 20 22 | 16 5 | 5 8 | 11 51 | 3 29 | 26 28 | 3 4 | 5 48 | 1 53 | 22 57 | 0 17 | 22 27 | 0 55 | 9 35 | 0 46 | 19 35 | 0 10 | 11 18 | 10 51 | 13 27 | 13 8 | 13 7 | 17 4 | 5 43 |
| W23 | 20 34 | 13 29 | 5 13 | 11 51 | 3 34 | 26 19 | 2 56 | 5 31 | 1 54 | 22 56 | 0 18 | 22 27 | 0 55 | 9 35 | 0 46 | 19 35 | 0 10 | 11 18 | 10 51 | 13 26 | 13 7 | 13 6 | 17 4 | 5 43 |
| T 24 | 20 45 | 10 20 | 5 5 | 11 53 | 3 38 | 26 9 | 2 46 | 5 14 | 1 55 | 22 54 | 0 18 | 22 27 | 0 55 | 9 34 | 0 46 | 19 35 | 0 10 | 11 18 | 10 51 | 13 25 | 13 6 | 13 4 | 17 3 | 5 44 |
| F 25 | 20 56 | 6 46 | 4 44 | 11 57 | 3 41 | 25 59 | 2 36 | 4 58 | 1 56 | 22 53 | 0 18 | 22 27 | 0 55 | 9 34 | 0 46 | 19 34 | 0 10 | 11 18 | 10 51 | 13 25 | 13 5 | 13 2 | 17 2 | 5 44 |
| S 26 | 21 7 | 2 54 | 4 10 | 12 3 | 3 43 | 25 48 | 2 26 | 4 41 | 1 56 | 22 52 | 0 18 | 22 28 | 0 55 | 9 34 | 0 46 | 19 34 | 0 10 | 11 17 | 10 51 | 13 25 | 13 4 | 13 1 | 17 1 | 5 44 |
| S 27 | 21 17 | 1n 9 | 3 24 | 12 12 | 3 44 | 25 36 | 2 15 | 4 25 | 1 57 | 22 51 | 0 18 | 22 28 | 0 55 | 9 34 | 0 46 | 19 34 | 0 10 | 11 17 | 10 50 | 13 25 | 13 3 | 12 59 | 17 1 | 5 45 |
| M28 | 21 27 | 5 14 | 2 28 | 12 22 | 3 45 | 25 24 | 2 4 | 4 8 | 1 58 | 22 49 | 0 18 | 22 28 | 0 55 | 9 33 | 0 46 | 19 34 | 0 10 | 11 17 | 10 50 | 13 26 | 13 2 | 12 57 | 17 0 | 5 45 |
| T 29 | 21 37 | 9 12 | 1 24 | 12 35 | 3 44 | 25 11 | 1 52 | 3 51 | 1 58 | 22 48 | 0 18 | 22 28 | 0 55 | 9 33 | 0 46 | 19 33 | 0 10 | 11 17 | 10 50 | 13 26 | 13 1 | 12 56 | 16 59 | 5 45 |
| W30 | 21 46 | 12 51 | 0 13 | 12 49 | 3 43 | 24 58 | 1 40 | 3 34 | 1 59 | 22 47 | 0 18 | 22 28 | 0 55 | 9 33 | 0 46 | 19 33 | 0 10 | 11 17 | 10 50 | 13 27 | 13 0 | 12 54 | 16 59 | 5 45 |
| T 31 | 21n55 | 15n56 | 1s 1 | 13n 5 | 3s40 | 24n44 | 1n28 | 3s18 | 2s 0 | 22n45 | 0n18 | 22s28 | 0n55 | 9s33 | 0s46 | 19n33 | 0s10 | 11s17 | 10n50 | 13s26 | 12s58 | 12s52 | 16s58 | 5n46 |

Julian Day Number = 2361450.5, Delta T = 16.97 sec
Ecliptic obliquity = 23°28'10, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°17'48, Lahiri = 20°24'48Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1753
# geocentric

## JUNE 1753 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 16 38 27 | 10♊31'54 | 0♊49 | 16♉41 | 22°R12 | 27♓ 2 | 16♋40 | 4°R33 | 7♓20 | 2♌11 | 10°R10 | 5°R41 | 4♏16 | 9♒55 | 15°R34 | F 1 |
| S 2 | 16 42 24 | 11°29'20 | 15° 5 | 17°36 | 21♊40 | 27°45 | 16°52 | 4♑29 | 7°20 | 2°12 | 10♐ 9 | 5♏37 | 4°12 | 10° 2 | 15♐30 | S 2 |
| S 3 | 16 46 20 | 12°26'46 | 29°37 | 18°35 | 21° 7 | 28°29 | 17° 4 | 4°25 | 7°21 | 2°14 | 10° 7 | 5°32 | 4° 9 | 10° 9 | 15°26 | S 3 |
| M 4 | 16 50 17 | 13°24'10 | 14♋19 | 19°37 | 20°33 | 29°12 | 17°16 | 4°21 | 7°21 | 2°15 | 10° 6 | 5°26 | 4° 6 | 10°16 | 15°22 | M 4 |
| T 5 | 16 54 14 | 14°21'34 | 29° 2 | 20°42 | 19°57 | 29°55 | 17°28 | 4°17 | 7°21 | 2°17 | 10° 4 | 5°21 | 4° 3 | 10°22 | 15°17 | T 5 |
| W 6 | 16 58 10 | 15°18'56 | 13♌40 | 21°51 | 19°20 | 0♈38 | 17°41 | 4°13 | 7°22 | 2°19 | 10° 2 | 5°17 | 4° 0 | 10°29 | 15°13 | W 6 |
| T 7 | 17 2 7 | 16°16'18 | 28° 7 | 23° 3 | 18°43 | 1°21 | 17°53 | 4° 9 | 7°22 | 2°20 | 10° 1 | 5°14 | 3°57 | 10°36 | 15° 9 | T 7 |
| F 8 | 17 6 3 | 17°13'38 | 12♍19 | 24°18 | 18° 6 | 2° 4 | 18° 5 | 4° 5 | 7°22 | 2°22 | 9°59 | 5°D12 | 3°53 | 10°43 | 15° 5 | F 8 |
| S 9 | 17 10 0 | 18°10'57 | 26°15 | 25°37 | 17°28 | 2°47 | 18°18 | 4° 1 | 7°22 | 2°24 | 9°58 | 5°12 | 3°50 | 10°49 | 15° 1 | S 9 |
| S 10 | 17 13 56 | 19° 8'16 | 9♎54 | 26°58 | 16°51 | 3°30 | 18°30 | 3°57 | 7°22 | 2°25 | 9°56 | 5°13 | 3°47 | 10°56 | 14°56 | S 10 |
| M11 | 17 17 53 | 20° 5'33 | 23°18 | 28°23 | 16°13 | 4°12 | 18°43 | 3°52 | 7°22 | 2°27 | 9°54 | 5°15 | 3°44 | 11° 3 | 14°52 | M11 |
| T 12 | 17 21 49 | 21° 2'49 | 6♏27 | 29°50 | 15°37 | 4°55 | 18°55 | 3°48 | 7°R22 | 2°29 | 9°53 | 5°R15 | 3°41 | 11° 9 | 14°48 | T 12 |
| W13 | 17 25 46 | 22° 0'05 | 19°23 | 1♊21 | 15° 1 | 5°37 | 19° 8 | 3°44 | 7°22 | 2°30 | 9°51 | 5°14 | 3°38 | 11°16 | 14°44 | W13 |
| T 14 | 17 29 43 | 22°57'20 | 2♐ 7 | 2°54 | 14°26 | 6°20 | 19°20 | 3°40 | 7°22 | 2°32 | 9°50 | 5°11 | 3°34 | 11°23 | 14°40 | T 14 |
| F 15 | 17 33 39 | 23°54'35 | 14°41 | 4°31 | 13°53 | 7° 2 | 19°33 | 3°35 | 7°22 | 2°34 | 9°48 | 5° 6 | 3°31 | 11°30 | 14°36 | F 15 |
| S 16 | 17 37 36 | 24°51'49 | 27° 4 | 6°10 | 13°20 | 7°45 | 19°46 | 3°31 | 7°22 | 2°36 | 9°47 | 4°59 | 3°28 | 11°36 | 14°32 | S 16 |
| S 17 | 17 41 32 | 25°49'02 | 9♑18 | 7°53 | 12°50 | 8°27 | 19°59 | 3°27 | 7°22 | 2°38 | 9°45 | 4°50 | 3°25 | 11°43 | 14°28 | S 17 |
| M18 | 17 45 29 | 26°46'15 | 21°24 | 9°38 | 12°21 | 9° 9 | 20°11 | 3°22 | 7°21 | 2°40 | 9°43 | 4°40 | 3°22 | 11°50 | 14°23 | M18 |
| T 19 | 17 49 25 | 27°43'28 | 3♒22 | 11°26 | 11°54 | 9°51 | 20°24 | 3°18 | 7°21 | 2°42 | 9°42 | 4°31 | 3°18 | 11°57 | 14°19 | T 19 |
| W20 | 17 53 22 | 28°40'40 | 15°16 | 13°17 | 11°29 | 10°33 | 20°37 | 3°13 | 7°21 | 2°43 | 9°40 | 4°23 | 3°15 | 12° 3 | 14°16 | W20 |
| T 21 | 17 57 18 | 29°37'53 | 27° 8 | 15°10 | 11° 7 | 11°15 | 20°50 | 3° 9 | 7°20 | 2°45 | 9°39 | 4°16 | 3°12 | 12°10 | 14°12 | T 21 |
| F 22 | 18 1 15 | 0♋35'05 | 9♓ 1 | 17° 6 | 10°46 | 11°57 | 21° 3 | 3° 5 | 7°20 | 2°47 | 9°37 | 4°11 | 3° 9 | 12°17 | 14° 8 | F 22 |
| S 23 | 18 5 12 | 1°32'17 | 21° 0 | 19° 5 | 10°28 | 12°39 | 21°16 | 3° 0 | 7°19 | 2°49 | 9°36 | 4° 9 | 3° 6 | 12°23 | 14° 4 | S 23 |
| S 24 | 18 9 8 | 2°29'29 | 3♈ 8 | 21° 5 | 10°13 | 13°20 | 21°29 | 2°56 | 7°19 | 2°51 | 9°35 | 4°D 8 | 3° 3 | 12°30 | 14° 0 | S 24 |
| M25 | 18 13 5 | 3°26'42 | 15°32 | 23° 8 | 9°59 | 14° 2 | 21°42 | 2°51 | 7°18 | 2°53 | 9°33 | 4° 9 | 2°59 | 12°37 | 13°56 | M25 |
| T 26 | 18 17 1 | 4°23'54 | 28°16 | 25°13 | 9°48 | 14°43 | 21°55 | 2°47 | 7°17 | 2°55 | 9°32 | 4°R 9 | 2°56 | 12°44 | 13°52 | T 26 |
| W27 | 18 20 58 | 5°21'07 | 11♉24 | 27°19 | 9°40 | 15°25 | 22° 8 | 2°42 | 7°17 | 2°57 | 9°30 | 4° 9 | 2°53 | 12°50 | 13°49 | W27 |
| T 28 | 18 24 54 | 6°18'19 | 25° 0 | 29°27 | 9°34 | 16° 6 | 22°21 | 2°38 | 7°16 | 2°59 | 9°29 | 4° 7 | 2°50 | 12°57 | 13°45 | T 28 |
| F 29 | 18 28 51 | 7°15'32 | 9♊ 3 | 1♋35 | 9°30 | 16°47 | 22°34 | 2°34 | 7°15 | 3° 1 | 9°27 | 4° 3 | 2°47 | 13° 4 | 13°41 | F 29 |
| S 30 | 18 32 47 | 8♋12'45 | 23♊33 | 3♋45 | 9°D28 | 17♈28 | 22♋47 | 2♑29 | 7♓14 | 3♌ 3 | 9♐26 | 3♏57 | 2♏44 | 13♒10 | 13♐38 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | |
| F 1 | 22n 3 | 18n11 | 2s13 | 13n22 | 3s37 | 24n29 | 1n15 | 3s 1 | 2s 0 | 22n44 | 0n18 | 22s29 | 0n55 | 9s33 | 0s46 | 19n32 | 0s10 | 11s17 | 10n50 | 13s26 | 12s57 | 12s51 | 16s57 | 5n46 | F 1 |
| S 2 | 22 11 | 19 21 | 3 18 | 13 41 | 3 34 | 24 14 | 1 2 | 2 44 | 2 1 | 22 42 | 0 18 | 22 29 | 0 55 | 9 32 | 0 46 | 19 32 | 0 10 | 11 16 | 10 50 | 13 25 | 12 56 | 12 49 | 16 57 | 5 46 | S 2 |
| S 3 | 22 19 | 19 17 | 4 12 | 14 1 | 3 29 | 23 58 | 0 48 | 2 28 | 2 1 | 22 41 | 0 18 | 22 29 | 0 55 | 9 32 | 0 46 | 19 32 | 0 10 | 11 16 | 10 50 | 13 23 | 12 55 | 12 47 | 16 56 | 5 46 | S 3 |
| M 4 | 22 26 | 17 54 | 4 49 | 14 23 | 3 24 | 23 42 | 0 35 | 2 11 | 2 2 | 22 39 | 0 18 | 22 29 | 0 55 | 9 32 | 0 46 | 19 31 | 0 10 | 11 16 | 10 50 | 13 21 | 12 54 | 12 46 | 16 55 | 5 46 | M 4 |
| T 5 | 22 33 | 15 21 | 5 8 | 14 46 | 3 18 | 23 26 | 0 21 | 1 54 | 2 3 | 22 38 | 0 18 | 22 29 | 0 55 | 9 32 | 0 46 | 19 31 | 0 10 | 11 16 | 10 50 | 13 19 | 12 53 | 12 44 | 16 55 | 5 47 | T 5 |
| W 6 | 22 40 | 11 51 | 5 7 | 15 10 | 3 12 | 23 9 | 0 7 | 1 38 | 2 3 | 22 36 | 0 18 | 22 30 | 0 55 | 9 32 | 0 46 | 19 31 | 0 10 | 11 16 | 10 50 | 13 18 | 12 52 | 12 42 | 16 54 | 5 47 | W 6 |
| T 7 | 22 46 | 7 40 | 4 46 | 15 35 | 3 5 | 22 52 | 0s 7 | 1 21 | 2 4 | 22 35 | 0 19 | 22 30 | 0 55 | 9 32 | 0 46 | 19 30 | 0 10 | 11 16 | 10 49 | 13 17 | 12 51 | 12 41 | 16 54 | 5 47 | T 7 |
| F 8 | 22 51 | 3 8 | 4 8 | 16 1 | 2 57 | 22 35 | 0 22 | 1 5 | 2 4 | 22 33 | 0 19 | 22 30 | 0 55 | 9 32 | 0 46 | 19 30 | 0 10 | 11 16 | 10 49 | 13 16 | 12 50 | 12 39 | 16 53 | 5 47 | F 8 |
| S 9 | 22 57 | 1s30 | 3 15 | 16 27 | 2 49 | 22 17 | 0 36 | 0 48 | 2 5 | 22 32 | 0 19 | 22 30 | 0 54 | 9 32 | 0 46 | 19 30 | 0 10 | 11 16 | 10 49 | 13 16 | 12 49 | 12 37 | 16 52 | 5 47 | S 9 |
| S 10 | 23 1 | 5 58 | 2 13 | 16 54 | 2 40 | 21 59 | 0 50 | 0 32 | 2 5 | 22 30 | 0 19 | 22 30 | 0 54 | 9 32 | 0 46 | 19 29 | 0 10 | 11 16 | 10 49 | 13 17 | 12 48 | 12 36 | 16 52 | 5 47 | S 10 |
| M11 | 23 6 | 10 3 | 1 4 | 17 22 | 2 31 | 21 42 | 1 4 | 0 15 | 2 6 | 22 28 | 0 19 | 22 30 | 0 54 | 9 32 | 0 46 | 19 29 | 0 10 | 11 16 | 10 49 | 13 17 | 12 47 | 12 34 | 16 51 | 5 48 | M11 |
| T 12 | 23 10 | 13 35 | 0n 6 | 17 50 | 2 21 | 21 24 | 1 18 | 0n 1 | 2 7 | 22 27 | 0 19 | 22 31 | 0 54 | 9 32 | 0 46 | 19 28 | 0 10 | 11 16 | 10 49 | 13 17 | 12 46 | 12 32 | 16 51 | 5 48 | T 12 |
| W13 | 23 14 | 16 23 | 1 16 | 18 19 | 2 11 | 21 7 | 1 31 | 0 18 | 2 7 | 22 25 | 0 19 | 22 31 | 0 54 | 9 32 | 0 47 | 19 28 | 0 10 | 11 16 | 10 49 | 13 17 | 12 44 | 12 31 | 16 50 | 5 48 | W13 |
| T 14 | 23 17 | 18 20 | 2 20 | 18 47 | 2 1 | 20 50 | 1 44 | 0 34 | 2 8 | 22 23 | 0 19 | 22 31 | 0 54 | 9 32 | 0 47 | 19 28 | 0 10 | 11 15 | 10 48 | 13 16 | 12 43 | 12 29 | 16 50 | 5 48 | T 14 |
| F 15 | 23 20 | 19 21 | 3 16 | 19 16 | 1 50 | 20 33 | 1 57 | 0 50 | 2 8 | 22 21 | 0 19 | 22 31 | 0 54 | 9 32 | 0 47 | 19 27 | 0 10 | 11 15 | 10 48 | 13 14 | 12 42 | 12 27 | 16 49 | 5 48 | F 15 |
| S 16 | 23 22 | 19 24 | 4 2 | 19 44 | 1 39 | 20 17 | 2 10 | 1 6 | 2 9 | 22 20 | 0 19 | 22 31 | 0 54 | 9 32 | 0 47 | 19 27 | 0 10 | 11 15 | 10 48 | 13 12 | 12 41 | 12 26 | 16 49 | 5 48 | S 16 |
| S 17 | 23 24 | 18 33 | 4 36 | 20 12 | 1 28 | 20 1 | 2 22 | 1 23 | 2 9 | 22 18 | 0 19 | 22 31 | 0 54 | 9 32 | 0 47 | 19 26 | 0 10 | 11 15 | 10 48 | 13 9 | 12 40 | 12 24 | 16 48 | 5 48 | S 17 |
| M18 | 23 26 | 16 52 | 4 58 | 20 39 | 1 17 | 19 46 | 2 33 | 1 39 | 2 9 | 22 16 | 0 19 | 22 32 | 0 54 | 9 33 | 0 47 | 19 26 | 0 10 | 11 15 | 10 48 | 13 6 | 12 39 | 12 22 | 16 48 | 5 48 | M18 |
| T 19 | 23 27 | 14 28 | 5 5 | 21 6 | 1 5 | 19 32 | 2 44 | 1 55 | 2 10 | 22 14 | 0 19 | 22 32 | 0 54 | 9 33 | 0 47 | 19 26 | 0 10 | 11 15 | 10 47 | 13 3 | 12 38 | 12 20 | 16 47 | 5 48 | T 19 |
| W20 | 23 28 | 11 30 | 5 0 | 21 32 | 0 54 | 19 18 | 2 55 | 2 11 | 2 10 | 22 12 | 0 19 | 22 32 | 0 54 | 9 33 | 0 47 | 19 25 | 0 10 | 11 15 | 10 47 | 13 0 | 12 37 | 12 19 | 16 47 | 5 48 | W20 |
| T 21 | 23 28 | 8 4 | 4 42 | 21 57 | 0 42 | 19 5 | 3 5 | 2 27 | 2 11 | 22 10 | 0 20 | 22 32 | 0 54 | 9 33 | 0 47 | 19 25 | 0 10 | 11 15 | 10 47 | 12 57 | 12 36 | 12 17 | 16 46 | 5 48 | T 21 |
| F 22 | 23 28 | 4 19 | 4 11 | 22 20 | 0 30 | 18 52 | 3 15 | 2 43 | 2 11 | 22 9 | 0 20 | 22 32 | 0 54 | 9 33 | 0 47 | 19 24 | 0 10 | 11 15 | 10 47 | 12 56 | 12 35 | 12 15 | 16 46 | 5 48 | F 22 |
| S 23 | 23 28 | 0 22 | 3 30 | 22 43 | 0 19 | 18 41 | 3 24 | 2 59 | 2 12 | 22 7 | 0 20 | 22 33 | 0 54 | 9 34 | 0 47 | 19 24 | 0 10 | 11 15 | 10 47 | 12 55 | 12 34 | 12 14 | 16 45 | 5 48 | S 23 |
| S 24 | 23 27 | 3n40 | 2 38 | 23 3 | 0 7 | 18 30 | 3 33 | 3 15 | 2 12 | 22 5 | 0 20 | 22 33 | 0 53 | 9 34 | 0 47 | 19 23 | 0 10 | 11 15 | 10 46 | 12 55 | 12 33 | 12 12 | 16 45 | 5 48 | S 24 |
| M25 | 23 25 | 7 38 | 1 38 | 23 21 | 0n 4 | 18 20 | 3 41 | 3 30 | 2 12 | 22 3 | 0 20 | 22 33 | 0 53 | 9 34 | 0 47 | 19 23 | 0 10 | 11 15 | 10 46 | 12 55 | 12 31 | 12 10 | 16 44 | 5 48 | M25 |
| T 26 | 23 24 | 11 22 | 0 31 | 23 38 | 0 15 | 18 11 | 3 49 | 3 46 | 2 13 | 22 1 | 0 20 | 22 33 | 0 53 | 9 34 | 0 47 | 19 23 | 0 10 | 11 16 | 10 46 | 12 55 | 12 30 | 12 9 | 16 44 | 5 48 | T 26 |
| W27 | 23 22 | 14 40 | 0s39 | 23 52 | 0 25 | 18 3 | 3 56 | 4 2 | 2 13 | 21 59 | 0 20 | 22 33 | 0 53 | 9 35 | 0 47 | 19 22 | 0 9 | 11 16 | 10 46 | 12 55 | 12 29 | 12 7 | 16 44 | 5 48 | W27 |
| T 28 | 23 19 | 17 17 | 1 49 | 24 4 | 0 36 | 17 55 | 4 2 | 4 17 | 2 14 | 21 57 | 0 20 | 22 33 | 0 53 | 9 35 | 0 47 | 19 22 | 0 9 | 11 16 | 10 45 | 12 55 | 12 28 | 12 5 | 16 43 | 5 48 | T 28 |
| F 29 | 23 16 | 18 57 | 2 55 | 24 13 | 0 45 | 17 49 | 4 8 | 4 33 | 2 14 | 21 55 | 0 20 | 22 34 | 0 53 | 9 35 | 0 47 | 19 21 | 0 9 | 11 16 | 10 45 | 12 53 | 12 27 | 12 3 | 16 43 | 5 48 | F 29 |
| S 30 | 23n13 | 19n28 | 3s51 | 24n19 | 0n54 | 17n43 | 4s14 | 4n48 | 2s14 | 21n52 | 0n20 | 22s34 | 0n53 | 9s36 | 0s47 | 19n21 | 0s 9 | 11s16 | 10n45 | 12s51 | 12s26 | 12s 2 | 16s43 | 5n48 | S 30 |

Julian Day Number = 2361481.5, Delta T = 17.00 sec
Ecliptic obliquity = 23°28'09, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°17'52, Lahiri = 20°24'52Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1753
# geocentric

## JULY 1753 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 18 36 44 | 9♋ 9'58 | 8♋23 | 5♋55 | 9♊29 | 18♈ 9 | 23♋ 0 | 2°R25 | 7°R13 | 3♌ 5 | 9°R25 | 3°R49 | 2♏40 | 13♒17 | 13°R34 | S 1 |
| M 2 | 18 40 41 | 10° 7'12 | 23°27 | 8° 5 | 9°32 | 18°50 | 23°14 | 2♉21 | 7♓12 | 3° 7 | 9♐23 | 3♏39 | 2°37 | 13°24 | 13♐31 | M 2 |
| T 3 | 18 44 37 | 11° 4'25 | 8♌33 | 10°16 | 9°38 | 19°30 | 23°27 | 2°16 | 7°11 | 3° 9 | 9°22 | 3°30 | 2°34 | 13°31 | 13°27 | T 3 |
| W 4 | 18 48 34 | 12° 1'38 | 23°32 | 12°25 | 9°45 | 20°11 | 23°40 | 2°12 | 7°10 | 3°12 | 9°21 | 3°21 | 2°31 | 13°37 | 13°24 | W 4 |
| T 5 | 18 52 30 | 12°58'50 | 8♍16 | 14°35 | 9°55 | 20°51 | 23°53 | 2° 8 | 7° 9 | 3°14 | 9°20 | 3°15 | 2°28 | 13°44 | 13°21 | T 5 |
| F 6 | 18 56 27 | 13°56'03 | 22°39 | 16°43 | 10° 7 | 21°32 | 24° 7 | 2° 3 | 7° 8 | 3°16 | 9°18 | 3°11 | 2°24 | 13°51 | 13°17 | F 6 |
| S 7 | 19 0 23 | 14°53'15 | 6♎38 | 18°51 | 10°20 | 22°12 | 24°20 | 1°59 | 7° 7 | 3°18 | 9°17 | 3°10 | 2°21 | 13°58 | 13°14 | S 7 |
| S 8 | 19 4 20 | 15°50'28 | 20°14 | 20°57 | 10°36 | 22°52 | 24°33 | 1°55 | 7° 6 | 3°20 | 9°16 | 3°D10 | 2°18 | 14° 4 | 13°11 | S 8 |
| M 9 | 19 8 16 | 16°47'40 | 3♏29 | 23° 3 | 10°54 | 23°31 | 24°46 | 1°51 | 7° 5 | 3°22 | 9°15 | 3°R10 | 2°15 | 14°11 | 13° 8 | M 9 |
| T 10 | 19 12 13 | 17°44'53 | 16°26 | 25° 6 | 11°13 | 24°11 | 25° 0 | 1°46 | 7° 3 | 3°24 | 9°13 | 3° 9 | 2°12 | 14°18 | 13° 5 | T 10 |
| W11 | 19 16 10 | 18°42'05 | 29° 7 | 27° 8 | 11°35 | 24°51 | 25°13 | 1°42 | 7° 2 | 3°27 | 9°12 | 3° 7 | 2° 9 | 14°24 | 13° 2 | W11 |
| T 12 | 19 20 6 | 19°39'18 | 11♐35 | 29° 9 | 11°57 | 25°30 | 25°26 | 1°38 | 7° 1 | 3°29 | 9°11 | 3° 2 | 2° 5 | 14°31 | 12°59 | T 12 |
| F 13 | 19 24 3 | 20°36'31 | 23°54 | 1♌ 8 | 12°22 | 26° 9 | 25°40 | 1°34 | 6°59 | 3°31 | 9°10 | 2°54 | 2° 2 | 14°38 | 12°56 | F 13 |
| S 14 | 19 27 59 | 21°33'44 | 6♑ 5 | 3° 5 | 12°48 | 26°49 | 25°53 | 1°30 | 6°58 | 3°33 | 9° 9 | 2°43 | 1°59 | 14°45 | 12°54 | S 14 |
| S 15 | 19 31 56 | 22°30'58 | 18° 9 | 5° 0 | 13°16 | 27°28 | 26° 6 | 1°26 | 6°56 | 3°35 | 9° 8 | 2°31 | 1°56 | 14°51 | 12°51 | S 15 |
| M16 | 19 35 52 | 23°28'12 | 0♒ 8 | 6°54 | 13°45 | 28° 6 | 26°20 | 1°22 | 6°55 | 3°37 | 9° 7 | 2°18 | 1°53 | 14°58 | 12°48 | M16 |
| T 17 | 19 39 49 | 24°25'26 | 12° 2 | 8°46 | 14°16 | 28°45 | 26°33 | 1°18 | 6°53 | 3°40 | 9° 6 | 2° 4 | 1°50 | 15° 5 | 12°46 | T 17 |
| W18 | 19 43 46 | 25°22'41 | 23°54 | 10°36 | 14°48 | 29°24 | 26°46 | 1°14 | 6°52 | 3°42 | 9° 5 | 1°52 | 1°46 | 15°11 | 12°43 | W18 |
| T 19 | 19 47 42 | 26°19'57 | 5♓45 | 12°24 | 15°22 | 0♉ 2 | 27° 0 | 1°11 | 6°50 | 3°44 | 9° 4 | 1°42 | 1°43 | 15°18 | 12°41 | T 19 |
| F 20 | 19 51 39 | 27°17'13 | 17°39 | 14°11 | 15°57 | 0°40 | 27°13 | 1° 7 | 6°49 | 3°46 | 9° 3 | 1°34 | 1°40 | 15°25 | 12°39 | F 20 |
| S 21 | 19 55 35 | 28°14'31 | 29°37 | 15°56 | 16°33 | 1°18 | 27°26 | 1° 3 | 6°47 | 3°48 | 9° 2 | 1°29 | 1°37 | 15°32 | 12°36 | S 21 |
| S 22 | 19 59 32 | 29°11'49 | 11♈45 | 17°39 | 17°10 | 1°56 | 27°40 | 0°59 | 6°45 | 3°51 | 9° 1 | 1°27 | 1°34 | 15°38 | 12°34 | S 22 |
| M23 | 20 3 28 | 0♌ 9'08 | 24° 7 | 19°20 | 17°48 | 2°34 | 27°53 | 0°56 | 6°43 | 3°53 | 9° 0 | 1°26 | 1°30 | 15°45 | 12°32 | M23 |
| T 24 | 20 7 25 | 1° 6'28 | 6♉47 | 20°59 | 18°28 | 3°11 | 28° 7 | 0°52 | 6°42 | 3°55 | 8°59 | 1°26 | 1°27 | 15°52 | 12°30 | T 24 |
| W25 | 20 11 21 | 2° 3'49 | 19°51 | 22°37 | 19° 8 | 3°48 | 28°20 | 0°49 | 6°40 | 3°57 | 8°59 | 1°26 | 1°24 | 15°58 | 12°28 | W25 |
| T 26 | 20 15 18 | 3° 1'12 | 3♊23 | 24°13 | 19°50 | 4°25 | 28°33 | 0°45 | 6°38 | 4° 0 | 8°58 | 1°24 | 1°21 | 16° 5 | 12°27 | T 26 |
| F 27 | 20 19 15 | 3°58'35 | 17°24 | 25°47 | 20°33 | 5° 2 | 28°47 | 0°42 | 6°36 | 4° 2 | 8°57 | 1°19 | 1°18 | 16°12 | 12°25 | F 27 |
| S 28 | 20 23 11 | 4°56'00 | 1♋53 | 27°20 | 21°16 | 5°39 | 29° 0 | 0°39 | 6°34 | 4° 4 | 8°56 | 1°12 | 1°15 | 16°19 | 12°23 | S 28 |
| S 29 | 20 27 8 | 5°53'25 | 16°48 | 28°51 | 22° 1 | 6°16 | 29°13 | 0°36 | 6°32 | 4° 6 | 8°56 | 1° 3 | 1°11 | 16°25 | 12°22 | S 29 |
| M30 | 20 31 4 | 6°50'52 | 2♌ 0 | 0♍19 | 22°46 | 6°52 | 29°26 | 0°33 | 6°30 | 4° 8 | 8°55 | 0°52 | 1° 8 | 16°32 | 12°20 | M30 |
| T 31 | 20 35 1 | 7♌48'19 | 17♌18 | 1♍47 | 23♊32 | 7♉28 | 29♋40 | 0♑29 | 6♓28 | 4♌11 | 8♐54 | 0♏41 | 1♐ 5 | 16♒39 | 12♐19 | 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 | 23n 9 | 18n39 | 4s34 | 24n23 | 1n 3 | 17n38 | 4s19 | 5n 3 | 2s15 | 21n50 | 0n20 | 22s34 | 0n53 | 9s36 | 0s47 | 19n20 | 0s 9 | 11s16 | 10n44 | 12s48 | 12s25 | 12s 0 | 16s42 | 5n48 |
| M 2 | 23 5 | 16 32 | 4 58 | 24 24 | 1 11 | 17 34 | 4 24 | 5 18 | 2 15 | 21 48 | 0 20 | 22 34 | 0 53 | 9 36 | 0 47 | 19 20 | 0 9 | 11 16 | 10 44 | 12 45 | 12 24 | 11 58 | 16 42 | 5 47 |
| T 3 | 23 0 | 13 18 | 5 2 | 24 22 | 1 18 | 17 30 | 4 28 | 5 33 | 2 15 | 21 46 | 0 20 | 22 34 | 0 53 | 9 37 | 0 47 | 19 19 | 0 9 | 11 16 | 10 44 | 12 42 | 12 23 | 11 57 | 16 42 | 5 47 |
| W 4 | 22 55 | 9 13 | 4 44 | 24 17 | 1 25 | 17 28 | 4 32 | 5 48 | 2 15 | 21 44 | 0 21 | 22 35 | 0 53 | 9 37 | 0 47 | 19 19 | 0 9 | 11 16 | 10 44 | 12 39 | 12 22 | 11 55 | 16 41 | 5 47 |
| T 5 | 22 50 | 4 38 | 4 8 | 24 10 | 1 30 | 17 26 | 4 35 | 6 3 | 2 16 | 21 42 | 0 21 | 22 35 | 0 52 | 9 38 | 0 47 | 19 18 | 0 9 | 11 16 | 10 43 | 12 37 | 12 21 | 11 53 | 16 41 | 5 47 |
| F 6 | 22 44 | 0s 6 | 3 18 | 24 0 | 1 35 | 17 25 | 4 38 | 6 18 | 2 16 | 21 39 | 0 21 | 22 35 | 0 52 | 9 38 | 0 47 | 19 18 | 0 9 | 11 16 | 10 43 | 12 36 | 12 19 | 11 51 | 16 41 | 5 47 |
| S 7 | 22 38 | 4 43 | 2 16 | 23 47 | 1 40 | 17 24 | 4 41 | 6 33 | 2 16 | 21 37 | 0 21 | 22 35 | 0 52 | 9 39 | 0 47 | 19 17 | 0 9 | 11 16 | 10 43 | 12 35 | 12 18 | 11 50 | 16 41 | 5 47 |
| S 8 | 22 32 | 8 58 | 1 8 | 23 32 | 1 43 | 17 24 | 4 43 | 6 47 | 2 16 | 21 35 | 0 21 | 22 35 | 0 52 | 9 39 | 0 47 | 19 17 | 0 9 | 11 17 | 10 42 | 12 35 | 12 17 | 11 48 | 16 41 | 5 47 |
| M 9 | 22 25 | 12 40 | 0n 2 | 23 14 | 1 46 | 17 24 | 4 45 | 7 2 | 2 17 | 21 33 | 0 21 | 22 35 | 0 52 | 9 39 | 0 47 | 19 16 | 0 9 | 11 17 | 10 42 | 12 35 | 12 16 | 11 46 | 16 40 | 5 46 |
| T 10 | 22 17 | 15 39 | 1 10 | 22 54 | 1 48 | 17 26 | 4 46 | 7 16 | 2 17 | 21 30 | 0 21 | 22 36 | 0 52 | 9 40 | 0 48 | 19 16 | 0 9 | 11 17 | 10 42 | 12 35 | 12 15 | 11 45 | 16 40 | 5 46 |
| W11 | 22 10 | 17 49 | 2 13 | 22 32 | 1 49 | 17 27 | 4 47 | 7 30 | 2 17 | 21 28 | 0 21 | 22 36 | 0 52 | 9 40 | 0 48 | 19 16 | 0 9 | 11 17 | 10 41 | 12 34 | 12 14 | 11 43 | 16 40 | 5 46 |
| T 12 | 22 2 | 19 5 | 3 8 | 22 9 | 1 50 | 17 29 | 4 48 | 7 45 | 2 17 | 21 26 | 0 21 | 22 36 | 0 52 | 9 41 | 0 48 | 19 15 | 0 9 | 11 17 | 10 41 | 12 32 | 12 13 | 11 41 | 16 40 | 5 46 |
| F 13 | 21 53 | 19 26 | 3 54 | 21 43 | 1 50 | 17 32 | 4 49 | 7 59 | 2 17 | 21 23 | 0 21 | 22 36 | 0 52 | 9 42 | 0 48 | 19 15 | 0 9 | 11 17 | 10 41 | 12 30 | 12 12 | 11 39 | 16 40 | 5 46 |
| S 14 | 21 44 | 18 51 | 4 29 | 21 16 | 1 49 | 17 35 | 4 49 | 8 13 | 2 18 | 21 21 | 0 21 | 22 36 | 0 51 | 9 42 | 0 48 | 19 14 | 0 9 | 11 18 | 10 40 | 12 26 | 12 11 | 11 38 | 16 40 | 5 46 |
| S 15 | 21 35 | 17 26 | 4 51 | 20 47 | 1 48 | 17 38 | 4 49 | 8 26 | 2 18 | 21 18 | 0 21 | 22 36 | 0 51 | 9 43 | 0 48 | 19 14 | 0 9 | 11 18 | 10 40 | 12 22 | 12 10 | 11 36 | 16 39 | 5 45 |
| M16 | 21 26 | 15 16 | 5 0 | 20 16 | 1 46 | 17 42 | 4 49 | 8 40 | 2 18 | 21 16 | 0 22 | 22 36 | 0 51 | 9 43 | 0 48 | 19 13 | 0 9 | 11 18 | 10 40 | 12 17 | 12 8 | 11 34 | 16 39 | 5 45 |
| T 17 | 21 16 | 12 28 | 4 56 | 19 45 | 1 43 | 17 46 | 4 48 | 8 54 | 2 18 | 21 13 | 0 22 | 22 37 | 0 51 | 9 44 | 0 48 | 19 13 | 0 9 | 11 18 | 10 39 | 12 12 | 12 7 | 11 32 | 16 39 | 5 45 |
| W18 | 21 5 | 9 11 | 4 38 | 19 12 | 1 40 | 17 50 | 4 48 | 9 7 | 2 18 | 21 11 | 0 22 | 22 37 | 0 51 | 9 44 | 0 48 | 19 12 | 0 9 | 11 18 | 10 39 | 12 8 | 12 6 | 11 31 | 16 39 | 5 45 |
| T 19 | 20 55 | 5 33 | 4 9 | 18 38 | 1 36 | 17 55 | 4 47 | 9 21 | 2 18 | 21 8 | 0 22 | 22 37 | 0 51 | 9 45 | 0 48 | 19 12 | 0 9 | 11 19 | 10 39 | 12 5 | 12 5 | 11 29 | 16 39 | 5 44 |
| F 20 | 20 44 | 1 41 | 3 29 | 18 4 | 1 32 | 18 0 | 4 45 | 9 34 | 2 18 | 21 6 | 0 22 | 22 37 | 0 51 | 9 46 | 0 48 | 19 11 | 0 9 | 11 19 | 10 38 | 12 2 | 12 4 | 11 27 | 16 39 | 5 44 |
| S 21 | 20 32 | 2n17 | 2 40 | 17 28 | 1 27 | 18 5 | 4 44 | 9 47 | 2 18 | 21 3 | 0 22 | 22 37 | 0 51 | 9 46 | 0 48 | 19 11 | 0 9 | 11 19 | 10 38 | 12 0 | 12 3 | 11 25 | 16 39 | 5 44 |
| S 22 | 20 21 | 6 13 | 1 42 | 16 52 | 1 22 | 18 10 | 4 42 | 10 0 | 2 18 | 21 1 | 0 22 | 22 37 | 0 51 | 9 47 | 0 48 | 19 10 | 0 9 | 11 19 | 10 38 | 12 0 | 12 2 | 11 24 | 16 39 | 5 44 |
| M23 | 20 9 | 9 58 | 0 39 | 16 15 | 1 17 | 18 15 | 4 41 | 10 13 | 2 18 | 20 58 | 0 22 | 22 38 | 0 50 | 9 48 | 0 48 | 19 9 | 0 9 | 11 20 | 10 37 | 11 59 | 12 1 | 11 22 | 16 39 | 5 43 |
| T 24 | 19 56 | 13 21 | 0s28 | 15 38 | 1 11 | 18 20 | 4 39 | 10 26 | 2 18 | 20 56 | 0 22 | 22 38 | 0 50 | 9 48 | 0 48 | 19 9 | 0 9 | 11 20 | 10 37 | 11 59 | 12 0 | 11 20 | 16 39 | 5 43 |
| W25 | 19 43 | 16 11 | 1 36 | 15 0 | 1 4 | 18 26 | 4 37 | 10 38 | 2 18 | 20 53 | 0 22 | 22 38 | 0 50 | 9 49 | 0 48 | 19 8 | 0 9 | 11 20 | 10 36 | 11 59 | 11 59 | 11 19 | 16 39 | 5 43 |
| T 26 | 19 30 | 18 14 | 2 40 | 14 22 | 0 57 | 18 31 | 4 34 | 10 51 | 2 18 | 20 51 | 0 22 | 22 38 | 0 50 | 9 50 | 0 48 | 19 8 | 0 9 | 11 20 | 10 36 | 11 58 | 11 57 | 11 17 | 16 39 | 5 42 |
| F 27 | 19 17 | 19 16 | 3 37 | 13 44 | 0 50 | 18 37 | 4 32 | 11 3 | 2 18 | 20 48 | 0 23 | 22 38 | 0 50 | 9 51 | 0 48 | 19 7 | 0 9 | 11 21 | 10 36 | 11 57 | 11 56 | 11 15 | 16 39 | 5 42 |
| S 28 | 19 3 | 19 5 | 4 23 | 13 5 | 0 43 | 18 42 | 4 29 | 11 15 | 2 18 | 20 45 | 0 23 | 22 38 | 0 50 | 9 51 | 0 48 | 19 7 | 0 9 | 11 21 | 10 35 | 11 54 | 11 55 | 11 13 | 16 39 | 5 42 |
| S 29 | 18 49 | 17 35 | 4 51 | 12 26 | 0 35 | 18 48 | 4 26 | 11 27 | 2 18 | 20 43 | 0 23 | 22 38 | 0 50 | 9 52 | 0 48 | 19 6 | 0 9 | 11 21 | 10 35 | 11 51 | 11 54 | 11 12 | 16 40 | 5 42 |
| M30 | 18 35 | 14 51 | 5 0 | 11 47 | 0 27 | 18 53 | 4 24 | 11 39 | 2 18 | 20 40 | 0 23 | 22 39 | 0 49 | 9 53 | 0 48 | 19 6 | 0 9 | 11 21 | 10 35 | 11 47 | 11 53 | 11 10 | 16 40 | 5 41 |
| T 31 | 18n20 | 11n 5 | 4s48 | 11n 9 | 0n18 | 18n58 | 4s21 | 11n51 | 2s18 | 20n37 | 0n23 | 22s39 | 0n49 | 9s54 | 0s48 | 19n 5 | 0s 9 | 11s22 | 10n34 | 11s44 | 11s52 | 11s 8 | 16s40 | 5n41 |

Julian Day Number = 2361511.5, Delta T = 17.02 sec
Ecliptic obliquity = 23°28'08, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°17'56, Lahiri = 20°24'56Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1753
# geocentric

## AUGUST 1753 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 20 38 57 | 8♌45'47 | 2♍32 | 3♍12 | 24♊19 | 8♉ 4 | 29♋53 | 0°R26 | 6°R26 | 4♌13 | 8°R54 | 0°R32 | 1♏ 2 | 16♒46 | 12°R18 | W 1 |
| T 2 | 20 42 54 | 9°43'17 | 17°30 | 4°36 | 25° 7 | 8°39 | 0♌ 6 | 0♉24 | 6♓24 | 4°15 | 8♐53 | 0♏25 | 0°59 | 16°52 | 12♐16 | T 2 |
| F 3 | 20 46 50 | 10°40'46 | 2♎ 6 | 5°57 | 25°56 | 9°15 | 0°20 | 0°21 | 6°22 | 4°17 | 8°53 | 0°20 | 0°56 | 16°59 | 12°15 | F 3 |
| S 4 | 20 50 47 | 11°38'17 | 16°15 | 7°17 | 26°45 | 9°50 | 0°33 | 0°18 | 6°20 | 4°20 | 8°52 | 0°18 | 0°52 | 17° 6 | 12°14 | S 4 |
| S 5 | 20 54 44 | 12°35'49 | 29°56 | 8°35 | 27°35 | 10°25 | 0°46 | 0°15 | 6°18 | 4°22 | 8°52 | 0°D17 | 0°49 | 17°12 | 12°13 | S 5 |
| M 6 | 20 58 40 | 13°33'21 | 13♏12 | 9°50 | 28°26 | 10°59 | 0°59 | 0°13 | 6°16 | 4°24 | 8°51 | 0°R17 | 0°46 | 17°19 | 12°12 | M 6 |
| T 7 | 21 2 37 | 14°30'54 | 26° 5 | 11° 4 | 29°17 | 11°34 | 1°12 | 0°10 | 6°14 | 4°26 | 8°51 | 0°17 | 0°43 | 17°26 | 12°12 | T 7 |
| W 8 | 21 6 33 | 15°28'28 | 8♐40 | 12°16 | 0♋ 9 | 12° 8 | 1°25 | 0° 8 | 6°12 | 4°28 | 8°50 | 0°15 | 0°40 | 17°33 | 12°11 | W 8 |
| T 9 | 21 10 30 | 16°26'03 | 21° 0 | 13°25 | 1° 1 | 12°42 | 1°39 | 0° 5 | 6° 9 | 4°31 | 8°50 | 0°10 | 0°36 | 17°39 | 12°10 | T 9 |
| F 10 | 21 14 26 | 17°23'40 | 3♑10 | 14°32 | 1°55 | 13°15 | 1°52 | 0° 3 | 6° 7 | 4°33 | 8°50 | 0° 3 | 0°33 | 17°46 | 12°10 | F 10 |
| S 11 | 21 18 23 | 18°21'17 | 15°12 | 15°37 | 2°48 | 13°49 | 2° 5 | 0° 1 | 6° 5 | 4°35 | 8°49 | 29♎53 | 0°30 | 17°53 | 12°10 | S 11 |
| S 12 | 21 22 19 | 19°18'55 | 27° 9 | 16°39 | 3°43 | 14°22 | 2°18 | 29♐59 | 6° 3 | 4°37 | 8°49 | 29°42 | 0°27 | 17°59 | 12° 9 | S 12 |
| M13 | 21 26 16 | 20°16'34 | 9♒ 3 | 17°39 | 4°37 | 14°55 | 2°31 | 29°57 | 6° 0 | 4°39 | 8°49 | 29°29 | 0°24 | 18° 6 | 12° 9 | M13 |
| T 14 | 21 30 13 | 21°14'15 | 20°55 | 18°36 | 5°33 | 15°27 | 2°44 | 29°55 | 5°58 | 4°41 | 8°49 | 29°17 | 0°21 | 18°13 | 12° 9 | T 14 |
| W15 | 21 34 9 | 22°11'57 | 2♓48 | 19°30 | 6°29 | 15°59 | 2°57 | 29°53 | 5°56 | 4°44 | 8°49 | 29° 5 | 0°17 | 18°20 | 12°D 9 | W15 |
| T 16 | 21 38 6 | 23° 9'40 | 14°42 | 20°21 | 7°25 | 16°31 | 3°10 | 29°51 | 5°53 | 4°46 | 8°48 | 28°56 | 0°14 | 18°26 | 12° 9 | T 16 |
| F 17 | 21 42 2 | 24° 7'25 | 26°39 | 21° 8 | 8°22 | 17° 3 | 3°22 | 29°49 | 5°51 | 4°48 | 8°48 | 28°49 | 0°11 | 18°33 | 12° 9 | F 17 |
| S 18 | 21 45 59 | 25° 5'11 | 8♈42 | 21°53 | 9°19 | 17°34 | 3°35 | 29°48 | 5°49 | 4°50 | 8°48 | 28°44 | 0° 8 | 18°40 | 12° 9 | S 18 |
| S 19 | 21 49 55 | 26° 2'59 | 20°54 | 22°34 | 10°17 | 18° 5 | 3°48 | 29°46 | 5°46 | 4°52 | 8°48 | 28°42 | 0° 5 | 18°46 | 12°10 | S 19 |
| M20 | 21 53 52 | 27° 0'49 | 3♉18 | 23°11 | 11°15 | 18°36 | 4° 1 | 29°45 | 5°44 | 4°54 | 8°D48 | 28°D42 | 0° 1 | 18°53 | 12°10 | M20 |
| T 21 | 21 57 48 | 27°58'40 | 15°59 | 23°44 | 12°14 | 19° 6 | 4°14 | 29°43 | 5°42 | 4°56 | 8°48 | 28°43 | 29♎58 | 19° 0 | 12°11 | T 21 |
| W22 | 22 1 45 | 28°56'33 | 29° 0 | 24°12 | 13°13 | 19°36 | 4°26 | 29°42 | 5°39 | 4°58 | 8°48 | 28°R43 | 29°55 | 19° 7 | 12°11 | W22 |
| T 23 | 22 5 41 | 29°54'28 | 12♊26 | 24°37 | 14°13 | 20° 6 | 4°39 | 29°41 | 5°37 | 5° 0 | 8°48 | 28°42 | 29°52 | 19°13 | 12°12 | T 23 |
| F 24 | 22 9 38 | 0♍52'25 | 26°18 | 24°56 | 15°12 | 20°35 | 4°52 | 29°40 | 5°35 | 5° 2 | 8°48 | 28°40 | 29°49 | 19°20 | 12°13 | F 24 |
| S 25 | 22 13 35 | 1°50'24 | 10♋38 | 25°11 | 16°13 | 21° 4 | 5° 4 | 29°39 | 5°32 | 5° 5 | 8°49 | 28°35 | 29°46 | 19°27 | 12°14 | S 25 |
| S 26 | 22 17 31 | 2°48'25 | 25°23 | 25°20 | 17°13 | 21°33 | 5°17 | 29°38 | 5°30 | 5° 7 | 8°49 | 28°28 | 29°42 | 19°33 | 12°15 | S 26 |
| M27 | 22 21 28 | 3°46'27 | 10♌27 | 25°R23 | 18°14 | 22° 1 | 5°29 | 29°37 | 5°27 | 5° 9 | 8°49 | 28°20 | 29°39 | 19°40 | 12°16 | M27 |
| T 28 | 22 25 24 | 4°44'31 | 25°41 | 25°21 | 19°15 | 22°29 | 5°42 | 29°37 | 5°25 | 5°11 | 8°49 | 28°12 | 29°36 | 19°47 | 12°17 | T 28 |
| W29 | 22 29 21 | 5°42'37 | 10♍55 | 25°13 | 20°17 | 22°56 | 5°54 | 29°36 | 5°23 | 5°13 | 8°50 | 28° 5 | 29°33 | 19°54 | 12°19 | W29 |
| T 30 | 22 33 17 | 6°40'45 | 25°58 | 24°58 | 21°19 | 23°23 | 6° 6 | 29°36 | 5°20 | 5°15 | 8°50 | 27°59 | 29°30 | 20° 0 | 12°20 | T 30 |
| F 31 | 22 37 14 | 7♍38'54 | 10♎41 | 24♍37 | 22♋21 | 23♉50 | 6♌19 | 29♐35 | 5♓18 | 5♌16 | 8♐50 | 27♎56 | 29♎27 | 20♒ 7 | 12♐21 | F 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 18n 5 | 6n37 | 4s16 | 10n30 | 0n10 | 19n 4 | 4s17 | 12n 3 | 2s18 | 20n35 | 0n23 | 22s39 | 0n49 | 9s54 | 0s48 | 19n 5 | 0s 9 | 11s22 | 10n34 | 11s40 | 11s51 | 11s 6 | 16s40 | 5n41 |
| T 2 | 17 50 | 1 47 | 3 26 | 9 51 | 0 1 | 19 9 | 4 14 | 12 14 | 2 17 | 20 32 | 0 23 | 22 39 | 0 49 | 9 55 | 0 48 | 19 4 | 0 9 | 11 22 | 10 33 | 11 38 | 11 50 | 11 5 | 16 40 | 5 40 |
| F 3 | 17 35 | 3s 1 | 2 23 | 9 13 | 0s 8 | 19 14 | 4 11 | 12 25 | 2 17 | 20 29 | 0 23 | 22 39 | 0 49 | 9 56 | 0 48 | 19 4 | 0 9 | 11 23 | 10 33 | 11 36 | 11 49 | 11 3 | 16 40 | 5 40 |
| S 4 | 17 19 | 7 32 | 1 14 | 8 35 | 0 18 | 19 19 | 4 7 | 12 37 | 2 17 | 20 26 | 0 23 | 22 39 | 0 49 | 9 57 | 0 48 | 19 3 | 0 9 | 11 23 | 10 33 | 11 35 | 11 48 | 11 1 | 16 41 | 5 40 |
| S 5 | 17 3 | 11 30 | 0 2 | 7 57 | 0 27 | 19 23 | 4 4 | 12 48 | 2 17 | 20 24 | 0 23 | 22 39 | 0 49 | 9 57 | 0 48 | 19 3 | 0 9 | 11 23 | 10 32 | 11 35 | 11 46 | 10 59 | 16 41 | 5 39 |
| M 6 | 16 47 | 14 44 | 1n 8 | 7 19 | 0 37 | 19 28 | 4 0 | 12 59 | 2 17 | 20 21 | 0 24 | 22 40 | 0 49 | 9 58 | 0 48 | 19 2 | 0 9 | 11 24 | 10 32 | 11 35 | 11 45 | 10 58 | 16 41 | 5 39 |
| T 7 | 16 30 | 17 9 | 2 12 | 6 42 | 0 47 | 19 32 | 3 56 | 13 9 | 2 16 | 20 18 | 0 24 | 22 40 | 0 48 | 9 59 | 0 48 | 19 2 | 0 9 | 11 24 | 10 31 | 11 35 | 11 44 | 10 56 | 16 41 | 5 39 |
| W 8 | 16 13 | 18 40 | 3 8 | 6 6 | 0 57 | 19 36 | 3 52 | 13 20 | 2 16 | 20 15 | 0 24 | 22 40 | 0 48 | 10 0 | 0 48 | 19 1 | 0 9 | 11 24 | 10 31 | 11 34 | 11 43 | 10 54 | 16 41 | 5 38 |
| T 9 | 15 56 | 19 16 | 3 55 | 5 30 | 1 7 | 19 40 | 3 48 | 13 31 | 2 16 | 20 12 | 0 24 | 22 40 | 0 48 | 10 1 | 0 48 | 19 1 | 0 9 | 11 25 | 10 30 | 11 33 | 11 42 | 10 52 | 16 42 | 5 38 |
| F 10 | 15 38 | 18 56 | 4 29 | 4 54 | 1 17 | 19 43 | 3 44 | 13 41 | 2 16 | 20 10 | 0 24 | 22 40 | 0 48 | 10 2 | 0 48 | 19 0 | 0 9 | 11 25 | 10 30 | 11 30 | 11 41 | 10 51 | 16 42 | 5 38 |
| S 11 | 15 21 | 17 46 | 4 52 | 4 20 | 1 28 | 19 46 | 3 40 | 13 51 | 2 15 | 20 7 | 0 24 | 22 40 | 0 48 | 10 2 | 0 48 | 19 0 | 0 9 | 11 26 | 10 30 | 11 27 | 11 40 | 10 49 | 16 42 | 5 37 |
| S 12 | 15 3 | 15 50 | 5 1 | 3 46 | 1 38 | 19 49 | 3 36 | 14 1 | 2 15 | 20 4 | 0 24 | 22 40 | 0 48 | 10 3 | 0 48 | 18 59 | 0 9 | 11 26 | 10 29 | 11 23 | 11 39 | 10 47 | 16 43 | 5 37 |
| M13 | 14 45 | 13 14 | 4 57 | 3 13 | 1 49 | 19 52 | 3 32 | 14 11 | 2 15 | 20 1 | 0 24 | 22 41 | 0 48 | 10 4 | 0 48 | 18 59 | 0 9 | 11 26 | 10 29 | 11 18 | 11 38 | 10 45 | 16 43 | 5 36 |
| T 14 | 14 26 | 10 6 | 4 41 | 2 41 | 1 59 | 19 54 | 3 27 | 14 21 | 2 14 | 19 58 | 0 24 | 22 41 | 0 47 | 10 5 | 0 48 | 18 58 | 0 9 | 11 27 | 10 28 | 11 14 | 11 36 | 10 43 | 16 43 | 5 36 |
| W15 | 14 8 | 6 34 | 4 12 | 2 10 | 2 10 | 19 56 | 3 23 | 14 30 | 2 14 | 19 55 | 0 24 | 22 41 | 0 47 | 10 6 | 0 48 | 18 58 | 0 9 | 11 27 | 10 28 | 11 10 | 11 35 | 10 42 | 16 44 | 5 36 |
| T 16 | 13 49 | 2 47 | 3 32 | 1 41 | 2 20 | 19 57 | 3 19 | 14 40 | 2 13 | 19 52 | 0 25 | 22 41 | 0 47 | 10 7 | 0 48 | 18 57 | 0 9 | 11 28 | 10 27 | 11 6 | 11 34 | 10 40 | 16 44 | 5 35 |
| F 17 | 13 30 | 1n 9 | 2 42 | 1 12 | 2 31 | 19 59 | 3 14 | 14 49 | 2 13 | 19 50 | 0 25 | 22 41 | 0 47 | 10 8 | 0 48 | 18 57 | 0 9 | 11 28 | 10 27 | 11 4 | 11 33 | 10 38 | 16 45 | 5 35 |
| S 18 | 13 11 | 5 3 | 1 45 | 0 45 | 2 41 | 19 59 | 3 9 | 14 58 | 2 13 | 19 47 | 0 25 | 22 41 | 0 47 | 10 8 | 0 48 | 18 56 | 0 9 | 11 28 | 10 27 | 11 2 | 11 32 | 10 36 | 16 45 | 5 35 |
| S 19 | 12 51 | 8 49 | 0 42 | 0 20 | 2 52 | 20 0 | 3 5 | 15 7 | 2 12 | 19 44 | 0 25 | 22 42 | 0 47 | 10 9 | 0 48 | 18 56 | 0 9 | 11 29 | 10 26 | 11 2 | 11 31 | 10 35 | 16 45 | 5 34 |
| M20 | 12 31 | 12 15 | 0s25 | 0s 4 | 3 2 | 20 0 | 3 0 | 15 16 | 2 12 | 19 41 | 0 25 | 22 42 | 0 46 | 10 10 | 0 48 | 18 55 | 0 9 | 11 29 | 10 26 | 11 2 | 11 30 | 10 33 | 16 46 | 5 34 |
| T 21 | 12 11 | 15 11 | 1 31 | 0 26 | 3 11 | 19 59 | 2 56 | 15 25 | 2 11 | 19 38 | 0 25 | 22 42 | 0 46 | 10 11 | 0 48 | 18 55 | 0 9 | 11 30 | 10 25 | 11 2 | 11 29 | 10 31 | 16 46 | 5 33 |
| W22 | 11 51 | 17 27 | 2 35 | 0 46 | 3 21 | 19 59 | 2 51 | 15 34 | 2 11 | 19 35 | 0 25 | 22 42 | 0 46 | 10 12 | 0 48 | 18 54 | 0 9 | 11 30 | 10 25 | 11 2 | 11 27 | 10 29 | 16 47 | 5 33 |
| T 23 | 11 31 | 18 49 | 3 32 | 1 4 | 3 30 | 19 57 | 2 46 | 15 42 | 2 10 | 19 32 | 0 25 | 22 42 | 0 46 | 10 13 | 0 48 | 18 54 | 0 9 | 11 31 | 10 24 | 11 2 | 11 26 | 10 28 | 16 47 | 5 33 |
| F 24 | 11 11 | 19 6 | 4 19 | 1 20 | 3 39 | 19 56 | 2 41 | 15 50 | 2 9 | 19 29 | 0 25 | 22 42 | 0 46 | 10 14 | 0 48 | 18 53 | 0 9 | 11 31 | 10 24 | 11 1 | 11 25 | 10 26 | 16 48 | 5 32 |
| S 25 | 10 50 | 18 12 | 4 51 | 1 33 | 3 47 | 19 53 | 2 37 | 15 58 | 2 9 | 19 26 | 0 26 | 22 42 | 0 46 | 10 15 | 0 48 | 18 53 | 0 9 | 11 31 | 10 24 | 10 59 | 11 24 | 10 24 | 16 48 | 5 32 |
| S 26 | 10 29 | 16 5 | 5 5 | 1 44 | 3 55 | 19 51 | 2 32 | 16 6 | 2 8 | 19 23 | 0 26 | 22 43 | 0 46 | 10 15 | 0 48 | 18 52 | 0 9 | 11 32 | 10 23 | 10 57 | 11 23 | 10 22 | 16 49 | 5 32 |
| M27 | 10 8 | 12 50 | 4 59 | 1 51 | 4 1 | 19 48 | 2 27 | 16 14 | 2 8 | 19 20 | 0 26 | 22 43 | 0 45 | 10 16 | 0 48 | 18 52 | 0 9 | 11 32 | 10 23 | 10 54 | 11 22 | 10 20 | 16 49 | 5 31 |
| T 28 | 9 47 | 8 42 | 4 32 | 1 56 | 4 8 | 19 44 | 2 22 | 16 22 | 2 7 | 19 17 | 0 26 | 22 43 | 0 45 | 10 17 | 0 48 | 18 51 | 0 9 | 11 33 | 10 22 | 10 51 | 11 21 | 10 19 | 16 50 | 5 31 |
| W29 | 9 26 | 4 1 | 3 45 | 1 58 | 4 13 | 19 40 | 2 17 | 16 30 | 2 6 | 19 14 | 0 26 | 22 43 | 0 45 | 10 18 | 0 48 | 18 51 | 0 9 | 11 33 | 10 22 | 10 48 | 11 20 | 10 17 | 16 50 | 5 30 |
| T 30 | 9 4 | 0s53 | 2 43 | 1 56 | 4 17 | 19 36 | 2 12 | 16 37 | 2 6 | 19 12 | 0 26 | 22 43 | 0 45 | 10 19 | 0 48 | 18 50 | 0 9 | 11 34 | 10 21 | 10 46 | 11 18 | 10 15 | 16 51 | 5 30 |
| F 31 | 8n43 | 5s38 | 1s31 | 1s50 | 4s20 | 19n31 | 2s 8 | 16n44 | 2s 5 | 19n 9 | 0n26 | 22s43 | 0n45 | 10s20 | 0s48 | 18n50 | 0s 9 | 11s34 | 10n21 | 10s45 | 11s17 | 10s13 | 16s51 | 5n30 |

Julian Day Number = 2361542.5, Delta T = 17.04 sec
Ecliptic obliquity = 23°28'09, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°18'00, Lahiri = 20°25'01Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1753
# geocentric

## SEPTEMBER 1753 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 22 41 10 | 8♍37'04 | 24♎58 | 24°R10 | 23♋24 | 24♉16 | 6♌31 | 29°R35 | 5°R15 | 5♌18 | 8♐51 | 27°D55 | 29♎23 | 20♒14 | 12♐23 | S 1 |
| S 2 | 22 45 7 | 9°35'16 | 8♏48 | 23♍37 | 24°27 | 24°42 | 6°43 | 29♐35 | 5♓13 | 5°20 | 8°51 | 27♎55 | 29°20 | 20°20 | 12°25 | S 2 |
| M 3 | 22 49 4 | 10°33'30 | 22°10 | 22°58 | 25°30 | 25° 7 | 6°55 | 29°D35 | 5°11 | 5°22 | 8°51 | 27°56 | 29°17 | 20°27 | 12°26 | M 3 |
| T 4 | 22 53 0 | 11°31'45 | 5♐ 7 | 22°13 | 26°33 | 25°32 | 7° 7 | 29°35 | 5° 8 | 5°24 | 8°52 | 27°57 | 29°14 | 20°34 | 12°28 | T 4 |
| W 5 | 22 56 57 | 12°30'02 | 17°43 | 21°22 | 27°37 | 25°56 | 7°19 | 29°35 | 5° 6 | 5°26 | 8°52 | 27°R57 | 29°11 | 20°41 | 12°30 | W 5 |
| T 6 | 23 0 53 | 13°28'20 | 0♑ 2 | 20°28 | 28°41 | 26°20 | 7°31 | 29°35 | 5° 4 | 5°28 | 8°53 | 27°56 | 29° 7 | 20°47 | 12°32 | T 6 |
| F 7 | 23 4 50 | 14°26'40 | 12° 8 | 19°30 | 29°45 | 26°43 | 7°43 | 29°35 | 5° 1 | 5°30 | 8°54 | 27°52 | 29° 4 | 20°54 | 12°34 | F 7 |
| S 8 | 23 8 46 | 15°25'01 | 24° 7 | 18°30 | 0♌50 | 27° 6 | 7°55 | 29°36 | 4°59 | 5°31 | 8°54 | 27°47 | 29° 1 | 21° 1 | 12°36 | S 8 |
| S 9 | 23 12 43 | 16°23'24 | 6♒ 0 | 17°28 | 1°54 | 27°28 | 8° 7 | 29°36 | 4°57 | 5°33 | 8°55 | 27°41 | 28°58 | 21° 7 | 12°39 | S 9 |
| M10 | 23 16 39 | 17°21'48 | 17°52 | 16°27 | 2°59 | 27°50 | 8°19 | 29°37 | 4°54 | 5°35 | 8°56 | 27°33 | 28°55 | 21°14 | 12°41 | M10 |
| T 11 | 23 20 36 | 18°20'15 | 29°45 | 15°28 | 4° 5 | 28°12 | 8°30 | 29°38 | 4°52 | 5°37 | 8°56 | 27°26 | 28°52 | 21°21 | 12°44 | T 11 |
| W12 | 23 24 33 | 19°18'43 | 11♓40 | 14°31 | 5°10 | 28°33 | 8°42 | 29°38 | 4°50 | 5°39 | 8°57 | 27°19 | 28°48 | 21°28 | 12°46 | W12 |
| T 13 | 23 28 29 | 20°17'13 | 23°41 | 13°40 | 6°16 | 28°53 | 8°53 | 29°39 | 4°47 | 5°40 | 8°58 | 27°13 | 28°45 | 21°34 | 12°49 | T 13 |
| F 14 | 23 32 26 | 21°15'45 | 5♈47 | 12°54 | 7°22 | 29°13 | 9° 5 | 29°40 | 4°45 | 5°42 | 8°59 | 27° 9 | 28°42 | 21°41 | 12°51 | F 14 |
| S 15 | 23 36 22 | 22°14'18 | 18° 1 | 12°15 | 8°28 | 29°32 | 9°16 | 29°41 | 4°43 | 5°44 | 8°59 | 27° 7 | 28°39 | 21°48 | 12°54 | S 15 |
| S 16 | 23 40 19 | 23°12'54 | 0♉24 | 11°44 | 9°34 | 29°50 | 9°27 | 29°43 | 4°41 | 5°45 | 9° 0 | 27°D 7 | 28°36 | 21°54 | 12°57 | S 16 |
| M17 | 23 44 15 | 24°11'32 | 12°59 | 11°22 | 10°41 | 0♊ 8 | 9°39 | 29°44 | 4°38 | 5°47 | 9° 1 | 27° 8 | 28°33 | 22° 1 | 13° 0 | M17 |
| T 18 | 23 48 12 | 25°10'13 | 25°48 | 11° 9 | 11°48 | 0°26 | 9°50 | 29°45 | 4°36 | 5°48 | 9° 2 | 27°10 | 28°29 | 22° 8 | 13° 3 | T 18 |
| W19 | 23 52 8 | 26° 8'55 | 8♊54 | 11°D 7 | 12°55 | 0°43 | 10° 1 | 29°47 | 4°34 | 5°50 | 9° 3 | 27°11 | 28°26 | 22°15 | 13° 6 | W19 |
| T 20 | 23 56 5 | 27° 7'40 | 22°19 | 11°14 | 14° 2 | 0°59 | 10°12 | 29°48 | 4°32 | 5°52 | 9° 4 | 27°R12 | 28°23 | 22°21 | 13° 9 | T 20 |
| F 21 | 0 0 1 | 28° 6'27 | 6♋ 5 | 11°31 | 15° 9 | 1°14 | 10°23 | 29°50 | 4°30 | 5°53 | 9° 5 | 27°12 | 28°20 | 22°28 | 13°13 | F 21 |
| S 22 | 0 3 58 | 29° 5'17 | 20°13 | 11°58 | 16°17 | 1°29 | 10°33 | 29°52 | 4°27 | 5°55 | 9° 6 | 27°10 | 28°17 | 22°35 | 13°16 | S 22 |
| S 23 | 0 7 55 | 0♎ 4'09 | 4♌41 | 12°34 | 17°25 | 1°43 | 10°44 | 29°54 | 4°25 | 5°56 | 9° 7 | 27° 8 | 28°13 | 22°41 | 13°20 | S 23 |
| M24 | 0 11 51 | 1° 3'03 | 19°25 | 13°18 | 18°33 | 1°57 | 10°55 | 29°56 | 4°23 | 5°58 | 9° 8 | 27° 5 | 28°10 | 22°48 | 13°23 | M24 |
| T 25 | 0 15 48 | 2° 1'59 | 4♍20 | 14°11 | 19°41 | 2° 9 | 11° 5 | 29°58 | 4°21 | 5°59 | 9°10 | 27° 1 | 28° 7 | 22°55 | 13°27 | T 25 |
| W26 | 0 19 44 | 3° 0'57 | 19°18 | 15°12 | 20°49 | 2°21 | 11°16 | 29°59 | 4°19 | 6° 0 | 9°11 | 26°58 | 28° 4 | 23° 1 | 13°30 | W26 |
| T 27 | 0 23 41 | 3°59'57 | 4♎ 9 | 16°20 | 21°58 | 2°33 | 11°26 | 0♑ 2 | 4°17 | 6° 2 | 9°12 | 26°55 | 28° 1 | 23° 8 | 13°34 | T 27 |
| F 28 | 0 27 37 | 4°59'00 | 18°47 | 17°33 | 23° 7 | 2°43 | 11°36 | 0° 4 | 4°15 | 6° 3 | 9°13 | 26°54 | 27°58 | 23°15 | 13°38 | F 28 |
| S 29 | 0 31 34 | 5°58'04 | 3♏ 4 | 18°53 | 24°15 | 2°53 | 11°47 | 0° 7 | 4°13 | 6° 4 | 9°14 | 26°D54 | 27°54 | 23°22 | 13°42 | S 29 |
| S 30 | 0 35 30 | 6♎57'11 | 16♏57 | 20♍17 | 25♌24 | 3♊ 2 | 11♌57 | 0♑ 9 | 4♓11 | 6♌ 6 | 9♐16 | 26♎55 | 27♎51 | 23♒28 | 13♐46 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 8n21 | 9s56 | 0s16 | 1s41 | 4s21 | 19n25 | 2s 3 | 16n51 | 2s 4 | 19n 6 | 0n26 | 22s43 | 0n45 | 10s21 | 0s48 | 18n49 | 0s 9 | 11s35 | 10n20 | 10s45 | 11s16 | 10s12 | 16s52 | 5n29 |
| S 2 | 7 59 | 13 32 | 0n58 | 1 28 | 4 22 | 19 19 | 1 58 | 16 58 | 2 3 | 19 3 | 0 27 | 22 44 | 0 45 | 10 22 | 0 48 | 18 49 | 0 9 | 11 35 | 10 20 | 10 45 | 11 15 | 10 10 | 16 52 | 5 29 |
| M 3 | 7 37 | 16 17 | 2 7 | 1 11 | 4 20 | 19 13 | 1 53 | 17 5 | 2 2 | 19 0 | 0 27 | 22 44 | 0 44 | 10 22 | 0 48 | 18 49 | 0 9 | 11 36 | 10 20 | 10 45 | 11 14 | 10 8 | 16 53 | 5 28 |
| T 4 | 7 15 | 18 7 | 3 7 | 0 50 | 4 17 | 19 6 | 1 48 | 17 12 | 2 2 | 18 57 | 0 27 | 22 44 | 0 44 | 10 23 | 0 48 | 18 48 | 0 9 | 11 36 | 10 19 | 10 46 | 11 13 | 10 6 | 16 54 | 5 28 |
| W 5 | 6 53 | 18 59 | 3 56 | 0 26 | 4 12 | 18 59 | 1 43 | 17 18 | 2 1 | 18 54 | 0 27 | 22 44 | 0 44 | 10 24 | 0 48 | 18 48 | 0 9 | 11 37 | 10 19 | 10 46 | 11 12 | 10 4 | 16 54 | 5 28 |
| T 6 | 6 30 | 18 55 | 4 33 | 0n 2 | 4 5 | 18 51 | 1 38 | 17 25 | 2 0 | 18 51 | 0 27 | 22 44 | 0 44 | 10 25 | 0 48 | 18 47 | 0 9 | 11 37 | 10 18 | 10 45 | 11 11 | 10 3 | 16 55 | 5 27 |
| F 7 | 6 8 | 17 58 | 4 58 | 0 33 | 3 56 | 18 42 | 1 34 | 17 31 | 1 59 | 18 48 | 0 27 | 22 44 | 0 44 | 10 26 | 0 48 | 18 47 | 0 9 | 11 38 | 10 18 | 10 44 | 11 9 | 10 1 | 16 56 | 5 27 |
| S 8 | 5 45 | 16 15 | 5 8 | 1 6 | 3 45 | 18 33 | 1 29 | 17 37 | 1 58 | 18 45 | 0 27 | 22 44 | 0 44 | 10 27 | 0 48 | 18 46 | 0 9 | 11 38 | 10 17 | 10 42 | 11 8 | 9 59 | 16 56 | 5 27 |
| S 9 | 5 23 | 13 51 | 5 6 | 1 42 | 3 32 | 18 24 | 1 24 | 17 43 | 1 57 | 18 42 | 0 27 | 22 45 | 0 43 | 10 28 | 0 48 | 18 46 | 0 9 | 11 39 | 10 17 | 10 40 | 11 7 | 9 57 | 16 57 | 5 26 |
| M10 | 5 0 | 10 53 | 4 50 | 2 19 | 3 18 | 18 14 | 1 19 | 17 49 | 1 56 | 18 39 | 0 28 | 22 45 | 0 43 | 10 28 | 0 48 | 18 45 | 0 9 | 11 39 | 10 17 | 10 37 | 11 6 | 9 55 | 16 58 | 5 26 |
| T 11 | 4 37 | 7 29 | 4 22 | 2 57 | 3 1 | 18 3 | 1 14 | 17 55 | 1 55 | 18 36 | 0 28 | 22 45 | 0 43 | 10 29 | 0 48 | 18 45 | 0 9 | 11 40 | 10 16 | 10 34 | 11 5 | 9 54 | 16 58 | 5 26 |
| W12 | 4 14 | 3 46 | 3 42 | 3 35 | 2 44 | 17 52 | 1 10 | 18 1 | 1 54 | 18 33 | 0 28 | 22 45 | 0 43 | 10 30 | 0 48 | 18 45 | 0 9 | 11 40 | 10 16 | 10 32 | 11 4 | 9 52 | 16 59 | 5 25 |
| T 13 | 3 51 | 0n 7 | 2 52 | 4 12 | 2 26 | 17 41 | 1 5 | 18 6 | 1 53 | 18 31 | 0 28 | 22 45 | 0 43 | 10 31 | 0 48 | 18 44 | 0 9 | 11 41 | 10 15 | 10 30 | 11 3 | 9 50 | 17 0 | 5 25 |
| F 14 | 3 28 | 4 2 | 1 54 | 4 47 | 2 6 | 17 29 | 1 0 | 18 11 | 1 52 | 18 28 | 0 28 | 22 45 | 0 43 | 10 32 | 0 48 | 18 44 | 0 9 | 11 41 | 10 15 | 10 28 | 11 2 | 9 48 | 17 0 | 5 24 |
| S 15 | 3 5 | 7 50 | 0 50 | 5 20 | 1 47 | 17 17 | 0 55 | 18 17 | 1 50 | 18 25 | 0 28 | 22 46 | 0 43 | 10 33 | 0 48 | 18 43 | 0 9 | 11 42 | 10 14 | 10 28 | 11 0 | 9 47 | 17 1 | 5 24 |
| S 16 | 2 42 | 11 21 | 0s18 | 5 50 | 1 27 | 17 4 | 0 51 | 18 22 | 1 49 | 18 22 | 0 28 | 22 46 | 0 42 | 10 33 | 0 48 | 18 43 | 0 9 | 11 43 | 10 14 | 10 28 | 10 59 | 9 45 | 17 2 | 5 24 |
| M17 | 2 19 | 14 24 | 1 26 | 6 17 | 1 7 | 16 50 | 0 46 | 18 27 | 1 48 | 18 19 | 0 29 | 22 46 | 0 42 | 10 34 | 0 48 | 18 43 | 0 9 | 11 43 | 10 14 | 10 28 | 10 58 | 9 43 | 17 2 | 5 23 |
| T 18 | 1 55 | 16 48 | 2 31 | 6 40 | 0 47 | 16 36 | 0 42 | 18 32 | 1 47 | 18 16 | 0 29 | 22 46 | 0 42 | 10 35 | 0 48 | 18 42 | 0 9 | 11 44 | 10 13 | 10 28 | 10 57 | 9 41 | 17 3 | 5 23 |
| W19 | 1 32 | 18 22 | 3 29 | 6 58 | 0 29 | 16 22 | 0 37 | 18 36 | 1 45 | 18 13 | 0 29 | 22 46 | 0 42 | 10 36 | 0 48 | 18 42 | 0 9 | 11 44 | 10 13 | 10 29 | 10 56 | 9 39 | 17 4 | 5 23 |
| T 20 | 1 9 | 18 58 | 4 18 | 7 12 | 0 11 | 16 7 | 0 33 | 18 41 | 1 44 | 18 11 | 0 29 | 22 46 | 0 42 | 10 37 | 0 48 | 18 41 | 0 9 | 11 45 | 10 12 | 10 29 | 10 55 | 9 38 | 17 5 | 5 22 |
| F 21 | 0 45 | 18 27 | 4 53 | 7 21 | 0n 7 | 15 52 | 0 28 | 18 45 | 1 43 | 18 8 | 0 29 | 22 46 | 0 42 | 10 37 | 0 48 | 18 41 | 0 9 | 11 45 | 10 12 | 10 29 | 10 54 | 9 36 | 17 5 | 5 22 |
| S 22 | 0 22 | 16 49 | 5 11 | 7 26 | 0 22 | 15 36 | 0 24 | 18 50 | 1 41 | 18 5 | 0 29 | 22 47 | 0 42 | 10 38 | 0 48 | 18 41 | 0 9 | 11 46 | 10 12 | 10 29 | 10 53 | 9 34 | 17 6 | 5 22 |
| S 23 | 0s 2 | 14 5 | 5 11 | 7 26 | 0 37 | 15 20 | 0 19 | 18 54 | 1 40 | 18 2 | 0 29 | 22 47 | 0 41 | 10 39 | 0 48 | 18 40 | 0 9 | 11 46 | 10 11 | 10 28 | 10 51 | 9 32 | 17 7 | 5 21 |
| M24 | 0 25 | 10 25 | 4 50 | 7 21 | 0 51 | 15 3 | 0 15 | 18 58 | 1 38 | 17 59 | 0 30 | 22 47 | 0 41 | 10 40 | 0 48 | 18 40 | 0 9 | 11 47 | 10 11 | 10 27 | 10 50 | 9 30 | 17 7 | 5 21 |
| T 25 | 0 49 | 6 3 | 4 10 | 7 12 | 1 3 | 14 46 | 0 11 | 19 2 | 1 37 | 17 57 | 0 30 | 22 47 | 0 41 | 10 40 | 0 48 | 18 40 | 0 9 | 11 47 | 10 10 | 10 25 | 10 49 | 9 29 | 17 8 | 5 21 |
| W26 | 1 12 | 1 18 | 3 12 | 6 58 | 1 14 | 14 28 | 0 7 | 19 6 | 1 35 | 17 54 | 0 30 | 22 47 | 0 41 | 10 41 | 0 48 | 18 39 | 0 9 | 11 48 | 10 10 | 10 24 | 10 48 | 9 27 | 17 9 | 5 20 |
| T 27 | 1 36 | 3s31 | 2 2 | 6 41 | 1 23 | 14 10 | 0 3 | 19 10 | 1 34 | 17 51 | 0 30 | 22 47 | 0 41 | 10 42 | 0 48 | 18 39 | 0 9 | 11 49 | 10 10 | 10 23 | 10 47 | 9 25 | 17 10 | 5 20 |
| F 28 | 1 59 | 8 3 | 0 45 | 6 19 | 1 31 | 13 51 | 0n 2 | 19 13 | 1 32 | 17 49 | 0 30 | 22 47 | 0 41 | 10 42 | 0 48 | 18 39 | 0 9 | 11 49 | 10 9 | 10 23 | 10 46 | 9 23 | 17 11 | 5 20 |
| S 29 | 2 22 | 12 1 | 0n34 | 5 55 | 1 38 | 13 32 | 0 6 | 19 17 | 1 30 | 17 46 | 0 30 | 22 48 | 0 41 | 10 43 | 0 48 | 18 38 | 0 9 | 11 50 | 10 9 | 10 23 | 10 45 | 9 21 | 17 11 | 5 19 |
| S 30 | 2s46 | 15s11 | 1n48 | 5n27 | 1n44 | 13n13 | 0n10 | 19n20 | 1s29 | 17n43 | 0n31 | 22s48 | 0n40 | 10s44 | 0s48 | 18n38 | 0s 9 | 11s50 | 10n 8 | 10s23 | 10s43 | 9s20 | 17s12 | 5n19 |

Julian Day Number = 2361573.5, Delta T = 17.07 sec
Ecliptic obliquity = 23°28'09, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°18'04, Lahiri = 20°25'05Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1753
# geocentric

## OCTOBER 1753 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 0 39 27 | 7♎56'19 | 0♐24 | 21♍45 | 26♌34 | 3♊10 | 12♌ 7 | 0♑12 | 4°R10 | 6♌ 7 | 9♐17 | 26♎56 | 27♎48 | 23♒35 | 13♐50 | M 1 |
| T 2 | 0 43 24 | 8°55'29 | 13°27 | 23°17 | 27°43 | 3°17 | 12°17 | 0°15 | 4♓ 8 | 6° 8 | 9°18 | 26°58 | 27°45 | 23°42 | 13°54 | T 2 |
| W 3 | 0 47 20 | 9°54'41 | 26° 7 | 24°52 | 28°52 | 3°24 | 12°26 | 0°17 | 4° 6 | 6° 9 | 9°20 | 26°59 | 27°42 | 23°48 | 13°58 | W 3 |
| T 4 | 0 51 17 | 10°53'55 | 8♑29 | 26°29 | 0♍ 2 | 3°30 | 12°36 | 0°20 | 4° 4 | 6°11 | 9°21 | 26°R59 | 27°38 | 23°55 | 14° 3 | T 4 |
| F 5 | 0 55 13 | 11°53'10 | 20°37 | 28° 8 | 1°12 | 3°35 | 12°46 | 0°23 | 4° 2 | 6°12 | 9°23 | 26°59 | 27°35 | 24° 2 | 14° 7 | F 5 |
| S 6 | 0 59 10 | 12°52'27 | 2♒35 | 29°49 | 2°22 | 3°39 | 12°55 | 0°26 | 4° 1 | 6°13 | 9°24 | 26°58 | 27°32 | 24° 9 | 14°11 | S 6 |
| S 7 | 1 3 6 | 13°51'46 | 14°27 | 1♎31 | 3°32 | 3°42 | 13° 4 | 0°29 | 3°59 | 6°14 | 9°26 | 26°57 | 27°29 | 24°15 | 14°16 | S 7 |
| M 8 | 1 7 3 | 14°51'07 | 26°19 | 3°14 | 4°42 | 3°45 | 13°14 | 0°33 | 3°57 | 6°15 | 9°27 | 26°55 | 27°26 | 24°22 | 14°20 | M 8 |
| T 9 | 1 10 59 | 15°50'30 | 8♓14 | 4°58 | 5°52 | 3°46 | 13°23 | 0°36 | 3°56 | 6°16 | 9°29 | 26°53 | 27°23 | 24°29 | 14°25 | T 9 |
| W10 | 1 14 56 | 16°49'54 | 20°14 | 6°42 | 7° 3 | 3°R47 | 13°32 | 0°39 | 3°54 | 6°17 | 9°30 | 26°52 | 27°19 | 24°35 | 14°30 | W10 |
| T 11 | 1 18 53 | 17°49'21 | 2♈22 | 8°26 | 8°13 | 3°47 | 13°41 | 0°43 | 3°53 | 6°18 | 9°32 | 26°51 | 27°16 | 24°42 | 14°34 | T 11 |
| F 12 | 1 22 49 | 18°48'49 | 14°40 | 10°10 | 9°24 | 3°46 | 13°49 | 0°46 | 3°51 | 6°19 | 9°33 | 26°50 | 27°13 | 24°49 | 14°39 | F 12 |
| S 13 | 1 26 46 | 19°48'20 | 27° 9 | 11°54 | 10°35 | 3°44 | 13°58 | 0°50 | 3°50 | 6°20 | 9°35 | 26°D50 | 27°10 | 24°56 | 14°44 | S 13 |
| S 14 | 1 30 42 | 20°47'52 | 9♉51 | 13°38 | 11°46 | 3°41 | 14° 7 | 0°54 | 3°48 | 6°21 | 9°37 | 26°50 | 27° 7 | 25° 2 | 14°49 | S 14 |
| M15 | 1 34 39 | 21°47'27 | 22°46 | 15°22 | 12°57 | 3°38 | 14°15 | 0°58 | 3°47 | 6°21 | 9°38 | 26°50 | 27° 4 | 25° 9 | 14°54 | M15 |
| T 16 | 1 38 35 | 22°47'04 | 5♊53 | 17° 5 | 14° 8 | 3°33 | 14°23 | 1° 1 | 3°46 | 6°22 | 9°40 | 26°51 | 27° 0 | 25°16 | 14°59 | T 16 |
| W17 | 1 42 32 | 23°46'43 | 19°15 | 18°48 | 15°19 | 3°28 | 14°31 | 1° 5 | 3°44 | 6°23 | 9°42 | 26°51 | 26°57 | 25°22 | 15° 4 | W17 |
| T 18 | 1 46 28 | 24°46'24 | 2♋50 | 20°30 | 16°31 | 3°21 | 14°39 | 1° 9 | 3°43 | 6°24 | 9°44 | 26°52 | 26°54 | 25°29 | 15°10 | T 18 |
| F 19 | 1 50 25 | 25°46'08 | 16°39 | 22°12 | 17°42 | 3°14 | 14°47 | 1°14 | 3°42 | 6°25 | 9°45 | 26°52 | 26°51 | 25°36 | 15°15 | F 19 |
| S 20 | 1 54 22 | 26°45'54 | 0♌41 | 23°53 | 18°54 | 3° 6 | 14°55 | 1°18 | 3°41 | 6°25 | 9°47 | 26°52 | 26°48 | 25°42 | 15°20 | S 20 |
| S 21 | 1 58 18 | 27°45'42 | 14°54 | 25°34 | 20° 5 | 2°57 | 15° 3 | 1°22 | 3°40 | 6°26 | 9°49 | 26°52 | 26°44 | 25°49 | 15°25 | S 21 |
| M22 | 2 2 15 | 28°45'33 | 29°17 | 27°15 | 21°17 | 2°47 | 15°10 | 1°26 | 3°39 | 6°26 | 9°51 | 26°52 | 26°41 | 25°56 | 15°31 | M22 |
| T 23 | 2 6 11 | 29°45'25 | 13♍46 | 28°54 | 22°29 | 2°36 | 15°18 | 1°31 | 3°38 | 6°27 | 9°53 | 26°52 | 26°38 | 26° 3 | 15°36 | T 23 |
| W24 | 2 10 8 | 0♏45'20 | 28°17 | 0♏34 | 23°41 | 2°25 | 15°25 | 1°35 | 3°37 | 6°28 | 9°55 | 26°52 | 26°35 | 26° 9 | 15°42 | W24 |
| T 25 | 2 14 4 | 1°45'17 | 12♎44 | 2°13 | 24°54 | 2°12 | 15°32 | 1°40 | 3°36 | 6°28 | 9°57 | 26°53 | 26°32 | 26°16 | 15°47 | T 25 |
| F 26 | 2 18 1 | 2°45'16 | 27° 1 | 3°51 | 26° 6 | 1°59 | 15°39 | 1°45 | 3°35 | 6°29 | 9°58 | 26°R53 | 26°29 | 26°23 | 15°53 | F 26 |
| S 27 | 2 21 57 | 3°45'17 | 11♏ 5 | 5°29 | 27°18 | 1°45 | 15°46 | 1°49 | 3°34 | 6°29 | 10° 0 | 26°53 | 26°25 | 26°29 | 15°59 | S 27 |
| S 28 | 2 25 54 | 4°45'20 | 24°51 | 7° 6 | 28°31 | 1°30 | 15°52 | 1°54 | 3°33 | 6°29 | 10° 2 | 26°52 | 26°22 | 26°36 | 16° 4 | S 28 |
| M29 | 2 29 50 | 5°45'25 | 8♐16 | 8°43 | 29°43 | 1°14 | 15°59 | 1°59 | 3°32 | 6°30 | 10° 4 | 26°51 | 26°19 | 26°43 | 16°10 | M29 |
| T 30 | 2 33 47 | 6°45'31 | 21°19 | 10°19 | 0♎56 | 0°58 | 16° 5 | 2° 4 | 3°32 | 6°30 | 10° 6 | 26°50 | 26°16 | 26°49 | 16°16 | T 30 |
| W31 | 2 37 44 | 7♏45'39 | 4♑ 2 | 11♏55 | 2♎ 8 | 0♊41 | 16♌11 | 2♑ 9 | 3♓31 | 6♌31 | 10♐ 8 | 26♎48 | 26♎13 | 26♒56 | 16♐22 | 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 | 3s 9 | 17s25 | 2n55 | 4n56 | 1n49 | 12n53 | 0n13 | 19n24 | 1s27 | 17n41 | 0n31 | 22s48 | 0n40 | 10s44 | 0s48 | 18n38 | 0s 9 | 11s51 | 10n 8 | 10s24 | 10s42 | 9s18 | 17s13 | 5n19 |
| T 2 | 3 33 | 18 39 | 3 50 | 4 23 | 1 52 | 12 33 | 0 17 | 19 27 | 1 25 | 17 38 | 0 31 | 22 48 | 0 40 | 10 45 | 0 48 | 18 37 | 0 9 | 11 51 | 10 8 | 10 24 | 10 41 | 9 16 | 17 14 | 5 18 |
| W 3 | 3 56 | 18 53 | 4 32 | 3 48 | 1 54 | 12 13 | 0 21 | 19 30 | 1 23 | 17 35 | 0 31 | 22 48 | 0 40 | 10 46 | 0 48 | 18 37 | 0 9 | 11 52 | 10 7 | 10 25 | 10 40 | 9 14 | 17 14 | 5 18 |
| T 4 | 4 19 | 18 13 | 5 0 | 3 10 | 1 56 | 11 52 | 0 25 | 19 33 | 1 21 | 17 33 | 0 31 | 22 48 | 0 40 | 10 46 | 0 48 | 18 37 | 0 9 | 11 53 | 10 7 | 10 25 | 10 39 | 9 12 | 17 15 | 5 18 |
| F 5 | 4 42 | 16 42 | 5 14 | 2 31 | 1 57 | 11 30 | 0 28 | 19 36 | 1 19 | 17 30 | 0 31 | 22 48 | 0 40 | 10 47 | 0 48 | 18 37 | 0 9 | 11 53 | 10 6 | 10 25 | 10 38 | 9 10 | 17 16 | 5 18 |
| S 6 | 5 5 | 14 30 | 5 15 | 1 51 | 1 56 | 11 9 | 0 32 | 19 39 | 1 17 | 17 28 | 0 32 | 22 49 | 0 40 | 10 48 | 0 48 | 18 36 | 0 9 | 11 54 | 10 6 | 10 24 | 10 37 | 9 9 | 17 17 | 5 17 |
| S 7 | 5 29 | 11 42 | 5 2 | 1 9 | 1 55 | 10 47 | 0 36 | 19 41 | 1 15 | 17 25 | 0 32 | 22 49 | 0 39 | 10 48 | 0 48 | 18 36 | 0 9 | 11 54 | 10 6 | 10 24 | 10 35 | 9 7 | 17 18 | 5 17 |
| M 8 | 5 52 | 8 26 | 4 36 | 0 27 | 1 54 | 10 24 | 0 39 | 19 44 | 1 13 | 17 23 | 0 32 | 22 49 | 0 39 | 10 49 | 0 48 | 18 36 | 0 9 | 11 55 | 10 5 | 10 23 | 10 34 | 9 5 | 17 18 | 5 17 |
| T 9 | 6 14 | 4 49 | 3 58 | 0s16 | 1 51 | 10 2 | 0 42 | 19 46 | 1 11 | 17 20 | 0 32 | 22 49 | 0 39 | 10 49 | 0 48 | 18 36 | 0 9 | 11 55 | 10 5 | 10 23 | 10 33 | 9 3 | 17 19 | 5 16 |
| W10 | 6 37 | 0 59 | 3 9 | 1 0 | 1 49 | 9 39 | 0 46 | 19 48 | 1 9 | 17 18 | 0 32 | 22 49 | 0 39 | 10 50 | 0 48 | 18 35 | 0 9 | 11 56 | 10 5 | 10 22 | 10 32 | 9 1 | 17 20 | 5 16 |
| T 11 | 7 0 | 2n57 | 2 12 | 1 44 | 1 45 | 9 15 | 0 49 | 19 51 | 1 7 | 17 16 | 0 32 | 22 49 | 0 39 | 10 50 | 0 48 | 18 35 | 0 8 | 11 57 | 10 4 | 10 22 | 10 31 | 9 0 | 17 21 | 5 16 |
| F 12 | 7 23 | 6 49 | 1 7 | 2 29 | 1 42 | 8 52 | 0 52 | 19 53 | 1 4 | 17 13 | 0 33 | 22 49 | 0 39 | 10 51 | 0 48 | 18 35 | 0 8 | 11 57 | 10 4 | 10 21 | 10 30 | 8 58 | 17 22 | 5 16 |
| S 13 | 7 45 | 10 27 | 0s 2 | 3 13 | 1 37 | 8 28 | 0 55 | 19 55 | 1 2 | 17 11 | 0 33 | 22 49 | 0 39 | 10 51 | 0 48 | 18 35 | 0 8 | 11 58 | 10 4 | 10 21 | 10 29 | 8 56 | 17 22 | 5 15 |
| S 14 | 8 8 | 13 39 | 1 12 | 3 58 | 1 33 | 8 3 | 0 58 | 19 56 | 1 0 | 17 9 | 0 33 | 22 49 | 0 39 | 10 52 | 0 48 | 18 34 | 0 8 | 11 58 | 10 3 | 10 21 | 10 27 | 8 54 | 17 23 | 5 15 |
| M15 | 8 30 | 16 15 | 2 19 | 4 42 | 1 28 | 7 39 | 1 1 | 19 58 | 0 57 | 17 6 | 0 33 | 22 50 | 0 38 | 10 52 | 0 48 | 18 34 | 0 8 | 11 59 | 10 3 | 10 22 | 10 26 | 8 52 | 17 24 | 5 15 |
| T 16 | 8 52 | 18 2 | 3 20 | 5 27 | 1 23 | 7 14 | 1 4 | 20 0 | 0 55 | 17 4 | 0 33 | 22 50 | 0 38 | 10 53 | 0 48 | 18 34 | 0 8 | 11 59 | 10 3 | 10 22 | 10 25 | 8 51 | 17 25 | 5 15 |
| W17 | 9 14 | 18 51 | 4 12 | 6 11 | 1 17 | 6 49 | 1 7 | 20 1 | 0 52 | 17 2 | 0 34 | 22 50 | 0 38 | 10 53 | 0 48 | 18 34 | 0 8 | 12 0 | 10 2 | 10 22 | 10 24 | 8 49 | 17 25 | 5 14 |
| T 18 | 9 36 | 18 36 | 4 50 | 6 55 | 1 11 | 6 24 | 1 9 | 20 2 | 0 50 | 17 0 | 0 34 | 22 50 | 0 38 | 10 54 | 0 48 | 18 34 | 0 8 | 12 1 | 10 2 | 10 22 | 10 23 | 8 47 | 17 26 | 5 14 |
| F 19 | 9 58 | 17 16 | 5 12 | 7 38 | 1 6 | 5 58 | 1 12 | 20 4 | 0 47 | 16 57 | 0 34 | 22 50 | 0 38 | 10 54 | 0 48 | 18 33 | 0 8 | 12 1 | 10 2 | 10 22 | 10 22 | 8 45 | 17 27 | 5 14 |
| S 20 | 10 20 | 14 52 | 5 17 | 8 22 | 0 59 | 5 32 | 1 14 | 20 5 | 0 44 | 16 55 | 0 34 | 22 50 | 0 38 | 10 54 | 0 47 | 18 33 | 0 8 | 12 2 | 10 1 | 10 22 | 10 21 | 8 43 | 17 28 | 5 14 |
| S 21 | 10 41 | 11 34 | 5 2 | 9 4 | 0 53 | 5 6 | 1 17 | 20 6 | 0 42 | 16 53 | 0 34 | 22 50 | 0 38 | 10 55 | 0 47 | 18 33 | 0 8 | 12 2 | 10 1 | 10 22 | 10 19 | 8 41 | 17 29 | 5 13 |
| M22 | 11 3 | 7 33 | 4 28 | 9 47 | 0 47 | 4 40 | 1 19 | 20 6 | 0 39 | 16 51 | 0 34 | 22 50 | 0 37 | 10 55 | 0 47 | 18 33 | 0 8 | 12 3 | 10 1 | 10 22 | 10 18 | 8 40 | 17 29 | 5 13 |
| T 23 | 11 24 | 3 3 | 3 37 | 10 28 | 0 40 | 4 14 | 1 21 | 20 7 | 0 36 | 16 49 | 0 35 | 22 50 | 0 37 | 10 56 | 0 47 | 18 33 | 0 8 | 12 3 | 10 0 | 10 22 | 10 17 | 8 38 | 17 30 | 5 13 |
| W24 | 11 45 | 1s38 | 2 32 | 11 9 | 0 34 | 3 47 | 1 23 | 20 8 | 0 33 | 16 47 | 0 35 | 22 50 | 0 37 | 10 56 | 0 47 | 18 33 | 0 8 | 12 4 | 10 0 | 10 22 | 10 16 | 8 36 | 17 31 | 5 13 |
| T 25 | 12 6 | 6 14 | 1 18 | 11 50 | 0 27 | 3 20 | 1 25 | 20 8 | 0 30 | 16 45 | 0 35 | 22 50 | 0 37 | 10 56 | 0 47 | 18 33 | 0 8 | 12 4 | 10 0 | 10 22 | 10 15 | 8 34 | 17 32 | 5 13 |
| F 26 | 12 27 | 10 25 | 0n 1 | 12 30 | 0 21 | 2 53 | 1 27 | 20 8 | 0 27 | 16 44 | 0 35 | 22 50 | 0 37 | 10 56 | 0 47 | 18 32 | 0 8 | 12 5 | 10 0 | 10 22 | 10 14 | 8 32 | 17 32 | 5 12 |
| S 27 | 12 47 | 13 56 | 1 18 | 13 9 | 0 14 | 2 26 | 1 29 | 20 8 | 0 24 | 16 42 | 0 35 | 22 51 | 0 37 | 10 57 | 0 47 | 18 32 | 0 8 | 12 6 | 9 59 | 10 22 | 10 12 | 8 30 | 17 33 | 5 12 |
| S 28 | 13 7 | 16 36 | 2 29 | 13 47 | 0 7 | 1 59 | 1 31 | 20 8 | 0 21 | 16 40 | 0 36 | 22 51 | 0 37 | 10 57 | 0 47 | 18 32 | 0 8 | 12 6 | 9 59 | 10 22 | 10 11 | 8 29 | 17 34 | 5 12 |
| M29 | 13 27 | 18 15 | 3 30 | 14 25 | 0 0 | 1 32 | 1 33 | 20 8 | 0 18 | 16 38 | 0 36 | 22 51 | 0 37 | 10 57 | 0 47 | 18 32 | 0 8 | 12 7 | 9 59 | 10 22 | 10 10 | 8 27 | 17 35 | 5 12 |
| T 30 | 13 47 | 18 54 | 4 18 | 15 2 | 0s 6 | 1 5 | 1 35 | 20 8 | 0 15 | 16 36 | 0 36 | 22 51 | 0 37 | 10 57 | 0 47 | 18 32 | 0 8 | 12 7 | 9 58 | 10 21 | 10 9 | 8 25 | 17 35 | 5 12 |
| W31 | 14s 7 | 18s33 | 4n52 | 15s38 | 0s13 | 0n37 | 1n36 | 20n 7 | 0s12 | 16n35 | 0n36 | 22s51 | 0n36 | 10s58 | 0s47 | 18n32 | 0s 8 | 12s 8 | 9n58 | 10s21 | 10s 8 | 8s23 | 17s36 | 5n12 |

Julian Day Number = 2361603.5, Delta T = 17.09 sec
Ecliptic obliquity = 23°28'09, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°18'09, Lahiri = 20°25'09Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1753
# geocentric

## NOVEMBER 1753 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 2 41 40 | 8♏45'49 | 16♉27 | 13♏30 | 3♎21 | 0°R23 | 16♌17 | 2♉14 | 3°R30 | 6♌31 | 10♐10 | 26°R47 | 26♎10 | 27♒ 3 | 16♐28 | T 1 |
| F 2 | 2 45 37 | 9°46'00 | 28°37 | 15° 6 | 4°34 | 0♊ 5 | 16°23 | 2°19 | 3♓30 | 6°31 | 10°12 | 26♎46 | 26° 6 | 27°10 | 16°34 | F 2 |
| S 3 | 2 49 33 | 10°46'13 | 10♒36 | 16°40 | 5°47 | 29♉46 | 16°29 | 2°24 | 3°29 | 6°31 | 10°14 | 26°D46 | 26° 3 | 27°16 | 16°40 | S 3 |
| S 4 | 2 53 30 | 11°46'27 | 22°29 | 18°15 | 7° 0 | 29°27 | 16°35 | 2°30 | 3°29 | 6°31 | 10°17 | 26°46 | 26° 0 | 27°23 | 16°46 | S 4 |
| M 5 | 2 57 26 | 12°46'43 | 4♓20 | 19°48 | 8°13 | 29° 7 | 16°40 | 2°35 | 3°28 | 6°32 | 10°19 | 26°47 | 25°57 | 27°30 | 16°52 | M 5 |
| T 6 | 3 1 23 | 13°47'00 | 16°15 | 21°22 | 9°26 | 28°47 | 16°45 | 2°40 | 3°28 | 6°32 | 10°21 | 26°48 | 25°54 | 27°36 | 16°58 | T 6 |
| W 7 | 3 5 19 | 14°47'18 | 28°18 | 22°55 | 10°39 | 28°26 | 16°50 | 2°46 | 3°28 | 6°32 | 10°23 | 26°50 | 25°50 | 27°43 | 17° 4 | W 7 |
| T 8 | 3 9 16 | 15°47'39 | 10♈32 | 24°28 | 11°52 | 28° 5 | 16°55 | 2°51 | 3°28 | 6°32 | 10°25 | 26°51 | 25°47 | 27°50 | 17°10 | T 8 |
| F 9 | 3 13 13 | 16°48'00 | 23° 1 | 26° 1 | 13° 6 | 27°43 | 17° 0 | 2°57 | 3°27 | 6°R32 | 10°27 | 26°R52 | 25°44 | 27°57 | 17°16 | F 9 |
| S 10 | 3 17 9 | 17°48'24 | 5♉46 | 27°33 | 14°19 | 27°22 | 17° 4 | 3° 2 | 3°27 | 6°32 | 10°29 | 26°52 | 25°41 | 28° 3 | 17°23 | S 10 |
| S 11 | 3 21 6 | 18°48'48 | 18°49 | 29° 5 | 15°33 | 27° 0 | 17° 9 | 3° 8 | 3°27 | 6°32 | 10°32 | 26°51 | 25°38 | 28°10 | 17°29 | S 11 |
| M12 | 3 25 2 | 19°49'15 | 2♊ 8 | 0♐37 | 16°46 | 26°38 | 17°13 | 3°14 | 3°27 | 6°32 | 10°34 | 26°48 | 25°35 | 28°17 | 17°35 | M12 |
| T 13 | 3 28 59 | 20°49'43 | 15°42 | 2° 8 | 18° 0 | 26°15 | 17°17 | 3°20 | 3°D27 | 6°31 | 10°36 | 26°45 | 25°31 | 28°23 | 17°42 | T 13 |
| W14 | 3 32 55 | 21°50'13 | 29°30 | 3°40 | 19°13 | 25°53 | 17°21 | 3°26 | 3°27 | 6°31 | 10°38 | 26°41 | 25°28 | 28°30 | 17°48 | W14 |
| T 15 | 3 36 52 | 22°50'45 | 13♋27 | 5°11 | 20°27 | 25°31 | 17°25 | 3°31 | 3°27 | 6°31 | 10°40 | 26°37 | 25°25 | 28°37 | 17°54 | T 15 |
| F 16 | 3 40 48 | 23°51'19 | 27°31 | 6°41 | 21°41 | 25° 8 | 17°28 | 3°37 | 3°27 | 6°31 | 10°43 | 26°34 | 25°22 | 28°43 | 18° 1 | F 16 |
| S 17 | 3 44 45 | 24°51'54 | 11♌40 | 8°12 | 22°55 | 24°46 | 17°32 | 3°43 | 3°28 | 6°31 | 10°45 | 26°32 | 25°19 | 28°50 | 18° 7 | S 17 |
| S 18 | 3 48 42 | 25°52'31 | 25°50 | 9°42 | 24° 9 | 24°24 | 17°35 | 3°49 | 3°28 | 6°30 | 10°47 | 26°D31 | 25°15 | 28°57 | 18°14 | S 18 |
| M19 | 3 52 38 | 26°53'09 | 9♍59 | 11°11 | 25°23 | 24° 2 | 17°38 | 3°55 | 3°28 | 6°30 | 10°49 | 26°32 | 25°12 | 29° 4 | 18°20 | M19 |
| T 20 | 3 56 35 | 27°53'50 | 24° 7 | 12°41 | 26°37 | 23°40 | 17°40 | 4° 2 | 3°28 | 6°30 | 10°52 | 26°33 | 25° 9 | 29°10 | 18°27 | T 20 |
| W21 | 4 0 31 | 28°54'32 | 8♎10 | 14°10 | 27°51 | 23°19 | 17°43 | 4° 8 | 3°29 | 6°29 | 10°54 | 26°35 | 25° 6 | 29°17 | 18°34 | W21 |
| T 22 | 4 4 28 | 29°55'16 | 22° 8 | 15°38 | 29° 5 | 22°58 | 17°45 | 4°14 | 3°29 | 6°29 | 10°56 | 26°R36 | 25° 3 | 29°24 | 18°40 | T 22 |
| F 23 | 4 8 24 | 0♐56'01 | 5♏58 | 17° 6 | 0♏19 | 22°37 | 17°48 | 4°20 | 3°30 | 6°28 | 10°58 | 26°36 | 25° 0 | 29°30 | 18°47 | F 23 |
| S 24 | 4 12 21 | 1°56'48 | 19°38 | 18°34 | 1°33 | 22°17 | 17°50 | 4°27 | 3°30 | 6°28 | 11° 1 | 26°34 | 24°56 | 29°37 | 18°53 | S 24 |
| S 25 | 4 16 17 | 2°57'36 | 3♐ 5 | 20° 1 | 2°47 | 21°57 | 17°52 | 4°33 | 3°31 | 6°27 | 11° 3 | 26°30 | 24°53 | 29°44 | 19° 0 | S 25 |
| M26 | 4 20 14 | 3°58'25 | 16°17 | 21°27 | 4° 2 | 21°37 | 17°53 | 4°39 | 3°32 | 6°27 | 11° 5 | 26°24 | 24°50 | 29°50 | 19° 7 | M26 |
| T 27 | 4 24 11 | 4°59'16 | 29°13 | 22°53 | 5°16 | 21°19 | 17°55 | 4°46 | 3°32 | 6°26 | 11° 8 | 26°17 | 24°47 | 29°57 | 19°13 | T 27 |
| W28 | 4 28 7 | 6° 0'07 | 11♑52 | 24°17 | 6°30 | 21° 0 | 17°56 | 4°52 | 3°33 | 6°25 | 11°10 | 26°10 | 24°44 | 0♓ 4 | 19°20 | W28 |
| T 29 | 4 32 4 | 7° 1'00 | 24°16 | 25°41 | 7°45 | 20°43 | 17°57 | 4°59 | 3°34 | 6°25 | 11°12 | 26° 3 | 24°41 | 0°11 | 19°27 | T 29 |
| F 30 | 4 36 0 | 8♐ 1'54 | 6♒25 | 27♐ 3 | 8♏59 | 20♉26 | 17♌58 | 5♑ 5 | 3♓35 | 6♌24 | 11♐14 | 25♎57 | 24♎37 | 0♓17 | 19♐34 | 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 | 14s26 | 17s18 | 5n11 | 16s13 | 0s20 | 0n 9 | 1n38 | 20n 7 | 0s 9 | 16n33 | 0n36 | 22s51 | 0n36 | 10s58 | 0s47 | 18n32 | 0s 8 | 12s 8 | 9n58 | 10s20 | 10s 7 | 8s21 | 17s37 | 5n11 |
| F 2 | 14 46 | 15 18 | 5 16 | 16 48 | 0 26 | 0s18 | 1 39 | 20 6 | 0 6 | 16 32 | 0 37 | 22 51 | 0 36 | 10 58 | 0 47 | 18 32 | 0 8 | 12 9 | 9 58 | 10 20 | 10 6 | 8 19 | 17 38 | 5 11 |
| S 3 | 15 4 | 12 40 | 5 7 | 17 22 | 0 33 | 0 46 | 1 40 | 20 5 | 0 3 | 16 30 | 0 37 | 22 51 | 0 36 | 10 58 | 0 47 | 18 32 | 0 8 | 12 9 | 9 57 | 10 20 | 10 4 | 8 18 | 17 38 | 5 11 |
| S 4 | 15 23 | 9 32 | 4 45 | 17 55 | 0 39 | 1 14 | 1 41 | 20 4 | 0n 0 | 16 29 | 0 37 | 22 51 | 0 36 | 10 58 | 0 47 | 18 32 | 0 8 | 12 10 | 9 57 | 10 20 | 10 3 | 8 16 | 17 39 | 5 11 |
| M 5 | 15 42 | 6 2 | 4 11 | 18 27 | 0 46 | 1 42 | 1 42 | 20 2 | 0 3 | 16 27 | 0 37 | 22 51 | 0 36 | 10 58 | 0 47 | 18 32 | 0 8 | 12 10 | 9 57 | 10 20 | 10 2 | 8 14 | 17 40 | 5 11 |
| T 6 | 16 0 | 2 16 | 3 26 | 18 58 | 0 52 | 2 9 | 1 43 | 20 1 | 0 7 | 16 26 | 0 37 | 22 51 | 0 36 | 10 59 | 0 47 | 18 32 | 0 8 | 12 11 | 9 57 | 10 21 | 10 1 | 8 12 | 17 40 | 5 11 |
| W 7 | 16 18 | 1n38 | 2 31 | 19 28 | 0 58 | 2 37 | 1 44 | 20 0 | 0 10 | 16 24 | 0 38 | 22 51 | 0 36 | 10 59 | 0 47 | 18 32 | 0 8 | 12 11 | 9 56 | 10 21 | 10 0 | 8 10 | 17 41 | 5 11 |
| T 8 | 16 35 | 5 32 | 1 29 | 19 57 | 1 4 | 3 5 | 1 45 | 19 58 | 0 13 | 16 23 | 0 38 | 22 51 | 0 35 | 10 59 | 0 47 | 18 32 | 0 8 | 12 12 | 9 56 | 10 22 | 9 59 | 8 8 | 17 42 | 5 11 |
| F 9 | 16 53 | 9 17 | 0 21 | 20 25 | 1 11 | 3 33 | 1 46 | 19 56 | 0 16 | 16 22 | 0 38 | 22 51 | 0 35 | 10 59 | 0 47 | 18 32 | 0 8 | 12 12 | 9 56 | 10 22 | 9 57 | 8 7 | 17 42 | 5 11 |
| S 10 | 17 10 | 12 42 | 0s49 | 20 53 | 1 16 | 4 1 | 1 47 | 19 54 | 0 19 | 16 21 | 0 38 | 22 51 | 0 35 | 10 59 | 0 47 | 18 32 | 0 8 | 12 13 | 9 56 | 10 22 | 9 56 | 8 5 | 17 43 | 5 10 |
| S 11 | 17 26 | 15 33 | 1 58 | 21 19 | 1 22 | 4 29 | 1 47 | 19 52 | 0 22 | 16 20 | 0 39 | 22 51 | 0 35 | 10 59 | 0 47 | 18 32 | 0 8 | 12 13 | 9 56 | 10 22 | 9 55 | 8 3 | 17 44 | 5 10 |
| M12 | 17 43 | 17 38 | 3 2 | 21 44 | 1 28 | 4 56 | 1 48 | 19 50 | 0 26 | 16 19 | 0 39 | 22 51 | 0 35 | 10 59 | 0 47 | 18 32 | 0 8 | 12 14 | 9 55 | 10 21 | 9 54 | 8 1 | 17 44 | 5 10 |
| T 13 | 17 59 | 18 46 | 3 57 | 22 8 | 1 33 | 5 24 | 1 48 | 19 48 | 0 29 | 16 18 | 0 39 | 22 51 | 0 35 | 10 59 | 0 47 | 18 32 | 0 8 | 12 14 | 9 55 | 10 19 | 9 53 | 7 59 | 17 45 | 5 10 |
| W14 | 18 15 | 18 49 | 4 39 | 22 31 | 1 38 | 5 52 | 1 48 | 19 46 | 0 32 | 16 17 | 0 39 | 22 51 | 0 35 | 10 59 | 0 47 | 18 32 | 0 8 | 12 15 | 9 55 | 10 18 | 9 52 | 7 57 | 17 46 | 5 10 |
| T 15 | 18 30 | 17 43 | 5 5 | 22 53 | 1 43 | 6 19 | 1 49 | 19 44 | 0 35 | 16 16 | 0 39 | 22 51 | 0 35 | 10 59 | 0 47 | 18 32 | 0 8 | 12 15 | 9 55 | 10 17 | 9 51 | 7 56 | 17 46 | 5 10 |
| F 16 | 18 46 | 15 33 | 5 13 | 23 14 | 1 48 | 6 47 | 1 49 | 19 41 | 0 38 | 16 15 | 0 40 | 22 51 | 0 35 | 10 58 | 0 46 | 18 32 | 0 8 | 12 16 | 9 55 | 10 16 | 9 49 | 7 54 | 17 47 | 5 10 |
| S 17 | 19 0 | 12 27 | 5 3 | 23 33 | 1 53 | 7 14 | 1 49 | 19 39 | 0 41 | 16 14 | 0 40 | 22 51 | 0 35 | 10 58 | 0 46 | 18 32 | 0 8 | 12 16 | 9 54 | 10 15 | 9 48 | 7 52 | 17 48 | 5 10 |
| S 18 | 19 15 | 8 38 | 4 34 | 23 52 | 1 57 | 7 41 | 1 49 | 19 36 | 0 44 | 16 13 | 0 40 | 22 50 | 0 34 | 10 58 | 0 46 | 18 32 | 0 8 | 12 17 | 9 54 | 10 15 | 9 47 | 7 50 | 17 48 | 5 10 |
| M19 | 19 29 | 4 19 | 3 48 | 24 9 | 2 1 | 8 8 | 1 49 | 19 34 | 0 47 | 16 13 | 0 40 | 22 50 | 0 34 | 10 58 | 0 46 | 18 32 | 0 8 | 12 17 | 9 54 | 10 15 | 9 46 | 7 48 | 17 49 | 5 10 |
| T 20 | 19 43 | 0s14 | 2 48 | 24 25 | 2 5 | 8 35 | 1 48 | 19 31 | 0 50 | 16 12 | 0 41 | 22 50 | 0 34 | 10 58 | 0 46 | 18 32 | 0 8 | 12 18 | 9 54 | 10 15 | 9 45 | 7 46 | 17 49 | 5 10 |
| W21 | 19 56 | 4 46 | 1 39 | 24 39 | 2 9 | 9 2 | 1 48 | 19 28 | 0 53 | 16 11 | 0 41 | 22 50 | 0 34 | 10 58 | 0 46 | 18 33 | 0 8 | 12 18 | 9 54 | 10 16 | 9 44 | 7 45 | 17 50 | 5 10 |
| T 22 | 20 10 | 9 0 | 0 24 | 24 53 | 2 12 | 9 29 | 1 48 | 19 26 | 0 55 | 16 11 | 0 41 | 22 50 | 0 34 | 10 58 | 0 46 | 18 33 | 0 8 | 12 19 | 9 54 | 10 16 | 9 42 | 7 43 | 17 50 | 5 10 |
| F 23 | 20 22 | 12 44 | 0n51 | 25 5 | 2 15 | 9 55 | 1 47 | 19 23 | 0 58 | 16 10 | 0 41 | 22 50 | 0 34 | 10 57 | 0 46 | 18 33 | 0 8 | 12 19 | 9 53 | 10 16 | 9 41 | 7 41 | 17 51 | 5 10 |
| S 24 | 20 35 | 15 42 | 2 2 | 25 15 | 2 17 | 10 21 | 1 47 | 19 20 | 1 1 | 16 10 | 0 42 | 22 50 | 0 34 | 10 57 | 0 46 | 18 33 | 0 8 | 12 20 | 9 53 | 10 15 | 9 40 | 7 39 | 17 52 | 5 10 |
| S 25 | 20 47 | 17 46 | 3 6 | 25 25 | 2 20 | 10 47 | 1 46 | 19 18 | 1 3 | 16 10 | 0 42 | 22 50 | 0 34 | 10 57 | 0 46 | 18 33 | 0 8 | 12 20 | 9 53 | 10 14 | 9 39 | 7 37 | 17 52 | 5 10 |
| M26 | 20 58 | 18 49 | 3 58 | 25 33 | 2 21 | 11 13 | 1 46 | 19 15 | 1 6 | 16 9 | 0 42 | 22 50 | 0 34 | 10 57 | 0 46 | 18 33 | 0 8 | 12 20 | 9 53 | 10 12 | 9 38 | 7 35 | 17 53 | 5 10 |
| T 27 | 21 9 | 18 52 | 4 36 | 25 39 | 2 23 | 11 39 | 1 45 | 19 13 | 1 9 | 16 9 | 0 42 | 22 49 | 0 34 | 10 56 | 0 46 | 18 33 | 0 8 | 12 21 | 9 53 | 10 9 | 9 37 | 7 34 | 17 53 | 5 10 |
| W28 | 21 20 | 17 57 | 5 0 | 25 44 | 2 24 | 12 4 | 1 44 | 19 10 | 1 11 | 16 9 | 0 42 | 22 49 | 0 33 | 10 56 | 0 46 | 18 33 | 0 8 | 12 21 | 9 53 | 10 7 | 9 35 | 7 32 | 17 54 | 5 10 |
| T 29 | 21 30 | 16 13 | 5 9 | 25 48 | 2 24 | 12 29 | 1 43 | 19 8 | 1 13 | 16 9 | 0 43 | 22 49 | 0 33 | 10 56 | 0 46 | 18 34 | 0 8 | 12 22 | 9 53 | 10 4 | 9 34 | 7 30 | 17 54 | 5 10 |
| F 30 | 21s40 | 13s46 | 5n 4 | 25s50 | 2s24 | 12s54 | 1n42 | 19n 6 | 1n16 | 16n 9 | 0n43 | 22s49 | 0n33 | 10s55 | 0s46 | 18n34 | 0s 8 | 12s22 | 9n53 | 10s 2 | 9s33 | 7s28 | 17s55 | 5n10 |

Julian Day Number = 2361634.5, Delta T = 17.12 sec
Ecliptic obliquity = 23°28'08, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°18'13, Lahiri = 20°25'13Greg. Calendar

# ASTRODIENST EPHEMERIS for the year 1753
# geocentric

## DECEMBER 1753 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 4 39 57 | 9♐ 2'48 | 18♒24 | 28♐24 | 10♏14 | 20°R 9 | 17♌58 | 5♑12 | 3♓36 | 6°R23 | 11♐17 | 25°R52 | 24♎34 | 0♓24 | 19♐40 | S 1 |
| S 2 | 4 43 53 | 10° 3'43 | 0♓16 | 29°44 | 11°28 | 19♉54 | 17°59 | 5°19 | 3°37 | 6♌23 | 11°19 | 25♎50 | 24°31 | 0°31 | 19°47 | S 2 |
| M 3 | 4 47 50 | 11° 4'39 | 12° 7 | 1♑ 1 | 12°43 | 19°39 | 17°59 | 5°25 | 3°38 | 6°22 | 11°21 | 25°D49 | 24°28 | 0°37 | 19°54 | M 3 |
| T 4 | 4 51 46 | 12° 5'35 | 24° 0 | 2°17 | 13°57 | 19°25 | 17°R59 | 5°32 | 3°39 | 6°21 | 11°24 | 25°50 | 24°25 | 0°44 | 20° 1 | T 4 |
| W 5 | 4 55 43 | 13° 6'33 | 6♈ 2 | 3°29 | 15°12 | 19°11 | 17°59 | 5°39 | 3°40 | 6°20 | 11°26 | 25°51 | 24°21 | 0°51 | 20° 7 | W 5 |
| T 6 | 4 59 40 | 14° 7'31 | 18°17 | 4°39 | 16°26 | 18°59 | 17°59 | 5°45 | 3°41 | 6°19 | 11°28 | 25°53 | 24°18 | 0°57 | 20°14 | T 6 |
| F 7 | 5 3 36 | 15° 8'29 | 0♉51 | 5°46 | 17°41 | 18°47 | 17°58 | 5°52 | 3°42 | 6°18 | 11°31 | 25°R53 | 24°15 | 1° 4 | 20°21 | F 7 |
| S 8 | 5 7 33 | 16° 9'29 | 13°45 | 6°49 | 18°56 | 18°36 | 17°58 | 5°59 | 3°44 | 6°17 | 11°33 | 25°51 | 24°12 | 1°11 | 20°28 | S 8 |
| S 9 | 5 11 29 | 17°10'29 | 27° 3 | 7°47 | 20°10 | 18°26 | 17°57 | 6° 6 | 3°45 | 6°17 | 11°35 | 25°47 | 24° 9 | 1°17 | 20°35 | S 9 |
| M10 | 5 15 26 | 18°11'29 | 10♊43 | 8°40 | 21°25 | 18°16 | 17°56 | 6°12 | 3°46 | 6°16 | 11°38 | 25°41 | 24° 6 | 1°24 | 20°41 | M10 |
| T 11 | 5 19 22 | 19°12'31 | 24°44 | 9°27 | 22°40 | 18° 8 | 17°54 | 6°19 | 3°48 | 6°15 | 11°40 | 25°33 | 24° 2 | 1°31 | 20°48 | T 11 |
| W12 | 5 23 19 | 20°13'33 | 9♋ 1 | 10° 8 | 23°54 | 18° 0 | 17°53 | 6°26 | 3°49 | 6°13 | 11°42 | 25°23 | 23°59 | 1°38 | 20°55 | W12 |
| T 13 | 5 27 15 | 21°14'36 | 23°28 | 10°41 | 25° 9 | 17°53 | 17°51 | 6°33 | 3°51 | 6°12 | 11°44 | 25°14 | 23°56 | 1°44 | 21° 2 | T 13 |
| F 14 | 5 31 12 | 22°15'40 | 7♌59 | 11° 6 | 26°24 | 17°47 | 17°49 | 6°40 | 3°52 | 6°11 | 11°47 | 25° 6 | 23°53 | 1°51 | 21° 9 | F 14 |
| S 15 | 5 35 9 | 23°16'45 | 22°27 | 11°21 | 27°39 | 17°41 | 17°47 | 6°47 | 3°54 | 6°10 | 11°49 | 25° 0 | 23°50 | 1°58 | 21°15 | S 15 |
| S 16 | 5 39 5 | 24°17'50 | 6♍48 | 11°R26 | 28°54 | 17°37 | 17°45 | 6°54 | 3°55 | 6° 9 | 11°51 | 24°56 | 23°47 | 2° 4 | 21°22 | S 16 |
| M17 | 5 43 2 | 25°18'56 | 20°58 | 11°21 | 0♐ 9 | 17°33 | 17°43 | 7° 1 | 3°57 | 6° 8 | 11°54 | 24°D55 | 23°43 | 2°11 | 21°29 | M17 |
| T 18 | 5 46 58 | 26°20'03 | 4♎57 | 11° 4 | 1°23 | 17°30 | 17°40 | 7° 8 | 3°59 | 6° 7 | 11°56 | 24°55 | 23°40 | 2°18 | 21°36 | T 18 |
| W19 | 5 50 55 | 27°21'11 | 18°44 | 10°35 | 2°38 | 17°28 | 17°37 | 7°15 | 4° 1 | 6° 5 | 11°58 | 24°R56 | 23°37 | 2°24 | 21°43 | W19 |
| T 20 | 5 54 51 | 28°22'20 | 2♏19 | 9°55 | 3°53 | 17°27 | 17°34 | 7°22 | 4° 2 | 6° 4 | 12° 0 | 24°56 | 23°34 | 2°31 | 21°49 | T 20 |
| F 21 | 5 58 48 | 29°23'29 | 15°44 | 9° 3 | 5° 8 | 17°D26 | 17°31 | 7°29 | 4° 4 | 6° 3 | 12° 3 | 24°54 | 23°31 | 2°38 | 21°56 | F 21 |
| S 22 | 6 2 44 | 0♑24'39 | 28°58 | 8° 2 | 6°23 | 17°27 | 17°27 | 7°36 | 4° 6 | 6° 2 | 12° 5 | 24°49 | 23°27 | 2°44 | 22° 3 | S 22 |
| S 23 | 6 6 41 | 1°25'49 | 12♐ 2 | 6°51 | 7°38 | 17°28 | 17°24 | 7°43 | 4° 8 | 6° 0 | 12° 7 | 24°41 | 23°24 | 2°51 | 22°10 | S 23 |
| M24 | 6 10 38 | 2°27'00 | 24°54 | 5°35 | 8°53 | 17°29 | 17°20 | 7°50 | 4°10 | 5°59 | 12° 9 | 24°31 | 23°21 | 2°58 | 22°16 | M24 |
| T 25 | 6 14 34 | 3°28'11 | 7♑35 | 4°14 | 10° 8 | 17°32 | 17°16 | 7°57 | 4°12 | 5°58 | 12°11 | 24°18 | 23°18 | 3° 5 | 22°23 | T 25 |
| W26 | 6 18 31 | 4°29'22 | 20° 4 | 2°52 | 11°23 | 17°35 | 17°12 | 8° 4 | 4°14 | 5°56 | 12°14 | 24° 5 | 23°15 | 3°11 | 22°30 | W26 |
| T 27 | 6 22 27 | 5°30'33 | 2♒20 | 1°31 | 12°38 | 17°40 | 17° 8 | 8°11 | 4°16 | 5°55 | 12°16 | 23°52 | 23°12 | 3°18 | 22°36 | T 27 |
| F 28 | 6 26 24 | 6°31'44 | 14°26 | 0°15 | 13°53 | 17°44 | 17° 3 | 8°18 | 4°19 | 5°54 | 12°18 | 23°40 | 23° 8 | 3°25 | 22°43 | F 28 |
| S 29 | 6 30 20 | 7°32'55 | 26°22 | 29♐ 4 | 15° 8 | 17°50 | 16°59 | 8°26 | 4°21 | 5°52 | 12°20 | 23°30 | 23° 5 | 3°31 | 22°50 | S 29 |
| S 30 | 6 34 17 | 8°34'06 | 8♓12 | 28° 2 | 16°23 | 17°56 | 16°54 | 8°33 | 4°23 | 5°51 | 12°22 | 23°24 | 23° 2 | 3°38 | 22°56 | S 30 |
| M31 | 6 38 14 | 9♑35'17 | 20♓ 1 | 27♐ 8 | 17♐38 | 18♉ 3 | 16♌49 | 8♑40 | 4♓25 | 5♌49 | 12♐24 | 23♎20 | 22♎59 | 3♓45 | 23♐ 3 | 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 | 21 s50 | 10 s47 | 4n46 | 25 s51 | 2 s23 | 13 s18 | 1n41 | 19n 3 | 1n18 | 16n 9 | 0n43 | 22 s49 | 0n33 | 10 s55 | 0 s46 | 18n34 | 0 s 8 | 12 s22 | 9n52 | 10 s 0 | 9 s32 | 7 s26 | 17 s55 | 5n10 |
| S 2 | 21 59 | 7 24 | 4 16 | 25 50 | 2 22 | 13 42 | 1 40 | 19 1 | 1 20 | 16 9 | 0 43 | 22 49 | 0 33 | 10 54 | 0 46 | 18 34 | 0 8 | 12 23 | 9 52 | 10 0 | 9 31 | 7 24 | 17 55 | 5 10 |
| M 3 | 22 8 | 3 43 | 3 34 | 25 48 | 2 20 | 14 6 | 1 39 | 18 59 | 1 22 | 16 9 | 0 44 | 22 49 | 0 33 | 10 54 | 0 46 | 18 34 | 0 8 | 12 23 | 9 52 | 9 59 | 9 30 | 7 22 | 17 56 | 5 10 |
| T 4 | 22 16 | 0n 7 | 2 44 | 25 44 | 2 17 | 14 30 | 1 38 | 18 57 | 1 24 | 16 9 | 0 44 | 22 48 | 0 33 | 10 54 | 0 46 | 18 35 | 0 8 | 12 24 | 9 52 | 10 0 | 9 28 | 7 21 | 17 56 | 5 10 |
| W 5 | 22 24 | 4 1 | 1 45 | 25 39 | 2 13 | 14 53 | 1 36 | 18 56 | 1 26 | 16 9 | 0 44 | 22 48 | 0 33 | 10 53 | 0 46 | 18 35 | 0 8 | 12 24 | 9 52 | 10 0 | 9 27 | 7 19 | 17 57 | 5 10 |
| T 6 | 22 31 | 7 49 | 0 41 | 25 32 | 2 9 | 15 15 | 1 35 | 18 54 | 1 28 | 16 10 | 0 44 | 22 48 | 0 33 | 10 53 | 0 46 | 18 35 | 0 8 | 12 24 | 9 52 | 10 1 | 9 26 | 7 17 | 17 57 | 5 10 |
| F 7 | 22 38 | 11 22 | 0 s27 | 25 24 | 2 4 | 15 38 | 1 33 | 18 52 | 1 30 | 16 10 | 0 45 | 22 48 | 0 33 | 10 52 | 0 46 | 18 35 | 0 8 | 12 25 | 9 52 | 10 1 | 9 25 | 7 15 | 17 58 | 5 10 |
| S 8 | 22 45 | 14 29 | 1 35 | 25 15 | 1 58 | 16 0 | 1 32 | 18 51 | 1 32 | 16 11 | 0 45 | 22 48 | 0 32 | 10 52 | 0 46 | 18 36 | 0 8 | 12 25 | 9 52 | 10 0 | 9 24 | 7 13 | 17 58 | 5 10 |
| S 9 | 22 51 | 16 56 | 2 40 | 25 5 | 1 51 | 16 21 | 1 30 | 18 50 | 1 34 | 16 11 | 0 45 | 22 47 | 0 32 | 10 51 | 0 46 | 18 36 | 0 8 | 12 25 | 9 52 | 9 59 | 9 23 | 7 11 | 17 58 | 5 10 |
| M10 | 22 57 | 18 30 | 3 37 | 24 53 | 1 42 | 16 43 | 1 29 | 18 49 | 1 35 | 16 12 | 0 45 | 22 47 | 0 32 | 10 51 | 0 46 | 18 36 | 0 8 | 12 26 | 9 52 | 9 56 | 9 21 | 7 9 | 17 59 | 5 11 |
| T 11 | 23 2 | 18 59 | 4 23 | 24 41 | 1 33 | 17 3 | 1 27 | 18 48 | 1 37 | 16 12 | 0 46 | 22 47 | 0 32 | 10 50 | 0 46 | 18 36 | 0 8 | 12 26 | 9 52 | 9 53 | 9 20 | 7 8 | 17 59 | 5 11 |
| W12 | 23 7 | 18 17 | 4 53 | 24 27 | 1 22 | 17 24 | 1 25 | 18 47 | 1 38 | 16 13 | 0 46 | 22 47 | 0 32 | 10 50 | 0 46 | 18 37 | 0 8 | 12 26 | 9 52 | 9 50 | 9 19 | 7 6 | 17 59 | 5 11 |
| T 13 | 23 11 | 16 25 | 5 5 | 24 13 | 1 11 | 17 43 | 1 24 | 18 47 | 1 40 | 16 14 | 0 46 | 22 46 | 0 32 | 10 49 | 0 45 | 18 37 | 0 8 | 12 27 | 9 52 | 9 47 | 9 18 | 7 4 | 18 0 | 5 11 |
| F 14 | 23 15 | 13 30 | 4 58 | 23 57 | 0 57 | 18 3 | 1 22 | 18 46 | 1 41 | 16 15 | 0 46 | 22 46 | 0 32 | 10 48 | 0 45 | 18 37 | 0 8 | 12 27 | 9 52 | 9 44 | 9 17 | 7 2 | 18 0 | 5 11 |
| S 15 | 23 18 | 9 46 | 4 31 | 23 42 | 0 43 | 18 22 | 1 20 | 18 46 | 1 43 | 16 15 | 0 46 | 22 46 | 0 32 | 10 48 | 0 45 | 18 37 | 0 8 | 12 27 | 9 52 | 9 41 | 9 16 | 7 0 | 18 0 | 5 11 |
| S 16 | 23 21 | 5 30 | 3 48 | 23 26 | 0 27 | 18 40 | 1 18 | 18 46 | 1 44 | 16 16 | 0 47 | 22 46 | 0 32 | 10 47 | 0 45 | 18 38 | 0 8 | 12 28 | 9 52 | 9 40 | 9 14 | 6 58 | 18 1 | 5 11 |
| M17 | 23 23 | 0 58 | 2 51 | 23 9 | 0 10 | 18 58 | 1 16 | 18 46 | 1 45 | 16 17 | 0 47 | 22 45 | 0 32 | 10 47 | 0 45 | 18 38 | 0 8 | 12 28 | 9 52 | 9 39 | 9 13 | 6 57 | 18 1 | 5 11 |
| T 18 | 23 25 | 3 s34 | 1 45 | 22 53 | 0n 8 | 19 16 | 1 14 | 18 47 | 1 47 | 16 18 | 0 47 | 22 45 | 0 32 | 10 46 | 0 45 | 18 38 | 0 8 | 12 28 | 9 52 | 9 40 | 9 12 | 6 55 | 18 1 | 5 12 |
| W19 | 23 27 | 7 51 | 0 33 | 22 36 | 0 27 | 19 32 | 1 12 | 18 47 | 1 48 | 16 19 | 0 47 | 22 45 | 0 32 | 10 45 | 0 45 | 18 39 | 0 8 | 12 29 | 9 52 | 9 40 | 9 11 | 6 53 | 18 1 | 5 12 |
| T 20 | 23 28 | 11 41 | 0n39 | 22 20 | 0 46 | 19 49 | 1 10 | 18 48 | 1 49 | 16 21 | 0 48 | 22 44 | 0 32 | 10 44 | 0 45 | 18 39 | 0 8 | 12 29 | 9 52 | 9 40 | 9 10 | 6 51 | 18 2 | 5 12 |
| F 21 | 23 28 | 14 50 | 1 48 | 22 4 | 1 6 | 20 4 | 1 8 | 18 49 | 1 50 | 16 22 | 0 48 | 22 44 | 0 31 | 10 44 | 0 45 | 18 39 | 0 8 | 12 29 | 9 52 | 9 39 | 9 8 | 6 49 | 18 2 | 5 12 |
| S 22 | 23 28 | 17 11 | 2 51 | 21 48 | 1 26 | 20 20 | 1 5 | 18 50 | 1 51 | 16 23 | 0 48 | 22 44 | 0 31 | 10 43 | 0 45 | 18 40 | 0 8 | 12 29 | 9 52 | 9 37 | 9 7 | 6 47 | 18 2 | 5 12 |
| S 23 | 23 28 | 18 35 | 3 43 | 21 33 | 1 45 | 20 34 | 1 3 | 18 51 | 1 52 | 16 24 | 0 48 | 22 43 | 0 31 | 10 42 | 0 45 | 18 40 | 0 8 | 12 30 | 9 52 | 9 35 | 9 6 | 6 45 | 18 2 | 5 12 |
| M24 | 23 27 | 19 0 | 4 23 | 21 18 | 2 3 | 20 48 | 1 1 | 18 52 | 1 53 | 16 26 | 0 49 | 22 43 | 0 31 | 10 42 | 0 45 | 18 40 | 0 8 | 12 30 | 9 52 | 9 31 | 9 5 | 6 44 | 18 2 | 5 13 |
| T 25 | 23 25 | 18 27 | 4 49 | 21 4 | 2 20 | 21 2 | 0 59 | 18 54 | 1 54 | 16 27 | 0 49 | 22 43 | 0 31 | 10 41 | 0 45 | 18 41 | 0 8 | 12 30 | 9 52 | 9 26 | 9 4 | 6 42 | 18 3 | 5 13 |
| W26 | 23 24 | 17 1 | 5 1 | 20 52 | 2 35 | 21 15 | 0 56 | 18 56 | 1 54 | 16 29 | 0 49 | 22 42 | 0 31 | 10 40 | 0 45 | 18 41 | 0 8 | 12 30 | 9 52 | 9 21 | 9 3 | 6 40 | 18 3 | 5 13 |
| T 27 | 23 21 | 14 49 | 4 58 | 20 40 | 2 47 | 21 27 | 0 54 | 18 58 | 1 55 | 16 30 | 0 49 | 22 42 | 0 31 | 10 39 | 0 45 | 18 41 | 0 8 | 12 31 | 9 52 | 9 16 | 9 1 | 6 38 | 18 3 | 5 13 |
| F 28 | 23 18 | 12 1 | 4 42 | 20 31 | 2 57 | 21 39 | 0 51 | 19 0 | 1 56 | 16 32 | 0 49 | 22 42 | 0 31 | 10 38 | 0 45 | 18 42 | 0 8 | 12 31 | 9 52 | 9 12 | 9 0 | 6 36 | 18 3 | 5 14 |
| S 29 | 23 15 | 8 46 | 4 14 | 20 23 | 3 5 | 21 50 | 0 49 | 19 2 | 1 57 | 16 33 | 0 50 | 22 41 | 0 31 | 10 38 | 0 45 | 18 42 | 0 8 | 12 31 | 9 52 | 9 8 | 8 59 | 6 34 | 18 3 | 5 14 |
| S 30 | 23 11 | 5 11 | 3 35 | 20 17 | 3 10 | 22 0 | 0 47 | 19 4 | 1 57 | 16 35 | 0 50 | 22 41 | 0 31 | 10 37 | 0 45 | 18 42 | 0 8 | 12 31 | 9 52 | 9 6 | 8 58 | 6 32 | 18 3 | 5 14 |
| M31 | 23 s 7 | 1 s24 | 2n47 | 20 s13 | 3n13 | 22 s10 | 0n44 | 19n 7 | 1n58 | 16n37 | 0n50 | 22 s40 | 0n31 | 10 s36 | 0 s45 | 18n43 | 0 s 8 | 12 s32 | 9n52 | 9 s 4 | 8 s57 | 6 s30 | 18 s 3 | 5n14 |

Julian Day Number = 2361664.5, Delta T = 17.14 sec
Ecliptic obliquity = 23°28'08, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°18'17, Lahiri = 20°25'17Greg. Calendar