# Astrodienst Ephemeris Tables

## for the year 1951

tropical 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, Internet: www.astro.com E-Mail: order@astro.com

# ASTRODIENST EPHEMERIS for the year 1951

## JANUARY 1951 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 6 39 21 | 9♑45'12 | 7♎ 3 | 11°R47 | 21♑22 | 13♒ 2 | 4♓42 | 2♎15 | 7°R21 | 19♎25 | 19°R29 | 21°R53 | 22♓47 | 9♊27 | 26♐ 7 | M 1 |
| T 2 | 6 43 18 | 10°46'22 | 20°42 | 10♑26 | 22°37 | 13°49 | 4°53 | 2°16 | 7♋18 | 19°26 | 19♌28 | 21♓53 | 22°44 | 9°34 | 26°13 | T 2 |
| W 3 | 6 47 14 | 11°47'32 | 4♏45 | 9° 5 | 23°52 | 14°36 | 5° 4 | 2°17 | 7°16 | 19°26 | 19°27 | 21°51 | 22°41 | 9°41 | 26°20 | W 3 |
| T 4 | 6 51 11 | 12°48'42 | 19°10 | 7°46 | 25° 8 | 15°24 | 5°15 | 2°18 | 7°13 | 19°27 | 19°26 | 21°47 | 22°38 | 9°47 | 26°26 | T 4 |
| F 5 | 6 55 7 | 13°49'53 | 3♐57 | 6°32 | 26°23 | 16°11 | 5°27 | 2°19 | 7°11 | 19°28 | 19°25 | 21°39 | 22°34 | 9°54 | 26°33 | F 5 |
| S 6 | 6 59 4 | 14°51'04 | 18°58 | 5°25 | 27°38 | 16°58 | 5°39 | 2°20 | 7° 8 | 19°28 | 19°24 | 21°30 | 22°31 | 10° 1 | 26°39 | S 6 |
| S 7 | 7 3 0 | 15°52'15 | 4♑ 5 | 4°26 | 28°54 | 17°45 | 5°50 | 2°20 | 7° 6 | 19°29 | 19°23 | 21°20 | 22°28 | 10° 8 | 26°46 | S 7 |
| M 8 | 7 6 57 | 16°53'25 | 19° 7 | 3°36 | 0♒ 9 | 18°32 | 6° 2 | 2°21 | 7° 3 | 19°29 | 19°22 | 21° 9 | 22°25 | 10°14 | 26°52 | M 8 |
| T 9 | 7 10 54 | 17°54'36 | 3♒55 | 2°57 | 1°24 | 19°20 | 6°14 | 2°21 | 7° 1 | 19°30 | 19°21 | 21° 0 | 22°22 | 10°21 | 26°59 | T 9 |
| W10 | 7 14 50 | 18°55'46 | 18°21 | 2°27 | 2°39 | 20° 7 | 6°26 | 2°22 | 6°58 | 19°30 | 19°19 | 20°54 | 22°19 | 10°28 | 27° 5 | W10 |
| T 11 | 7 18 47 | 19°56'56 | 2♓20 | 2° 7 | 3°55 | 20°54 | 6°38 | 2°22 | 6°56 | 19°30 | 19°18 | 20°50 | 22°15 | 10°35 | 27°12 | T 11 |
| F 12 | 7 22 43 | 20°58'05 | 15°50 | 1°57 | 5°10 | 21°42 | 6°50 | 2°R22 | 6°53 | 19°31 | 19°17 | 20°D48 | 22°12 | 10°41 | 27°18 | F 12 |
| S 13 | 7 26 40 | 21°59'14 | 28°53 | 1°D56 | 6°25 | 22°29 | 7° 3 | 2°22 | 6°51 | 19°31 | 19°16 | 20°48 | 22° 9 | 10°48 | 27°24 | S 13 |
| S 14 | 7 30 36 | 23° 0'22 | 11♈32 | 2° 3 | 7°40 | 23°16 | 7°15 | 2°22 | 6°48 | 19°31 | 19°14 | 20°49 | 22° 6 | 10°55 | 27°31 | S 14 |
| M15 | 7 34 33 | 24° 1'29 | 23°51 | 2°18 | 8°56 | 24° 3 | 7°27 | 2°21 | 6°46 | 19°31 | 19°13 | 20°R49 | 22° 3 | 11° 1 | 27°37 | M15 |
| T 16 | 7 38 29 | 25° 2'36 | 5♉56 | 2°39 | 10°11 | 24°51 | 7°40 | 2°21 | 6°43 | 19°32 | 19°12 | 20°49 | 21°59 | 11° 8 | 27°43 | T 16 |
| W17 | 7 42 26 | 26° 3'42 | 17°51 | 3° 8 | 11°26 | 25°38 | 7°52 | 2°21 | 6°41 | 19°32 | 19°11 | 20°46 | 21°56 | 11°15 | 27°49 | W17 |
| T 18 | 7 46 23 | 27° 4'47 | 29°42 | 3°42 | 12°41 | 26°25 | 8° 5 | 2°20 | 6°38 | 19°32 | 19° 9 | 20°41 | 21°53 | 11°22 | 27°55 | T 18 |
| F 19 | 7 50 19 | 28° 5'51 | 11♊33 | 4°22 | 13°56 | 27°12 | 8°18 | 2°19 | 6°36 | 19°32 | 19° 8 | 20°33 | 21°50 | 11°28 | 28° 2 | F 19 |
| S 20 | 7 54 16 | 29° 6'55 | 23°28 | 5° 6 | 15°12 | 28° 0 | 8°31 | 2°18 | 6°34 | 19°32 | 19° 7 | 20°24 | 21°47 | 11°35 | 28° 8 | S 20 |
| S 21 | 7 58 12 | 0♒ 7'58 | 5♋28 | 5°55 | 16°27 | 28°47 | 8°43 | 2°18 | 6°31 | 19°R32 | 19° 5 | 20°14 | 21°44 | 11°42 | 28°14 | S 21 |
| M22 | 8 2 9 | 1° 9'00 | 17°36 | 6°47 | 17°42 | 29°34 | 8°56 | 2°17 | 6°29 | 19°32 | 19° 4 | 20° 4 | 21°40 | 11°48 | 28°20 | M22 |
| T 23 | 8 6 5 | 2°10'02 | 29°54 | 7°43 | 18°57 | 0♓21 | 9° 9 | 2°15 | 6°27 | 19°32 | 19° 3 | 19°55 | 21°37 | 11°55 | 28°26 | T 23 |
| W24 | 8 10 2 | 3°11'02 | 12♌21 | 8°42 | 20°12 | 1° 9 | 9°22 | 2°14 | 6°25 | 19°32 | 19° 1 | 19°48 | 21°34 | 12° 2 | 28°32 | W24 |
| T 25 | 8 13 58 | 4°12'02 | 24°59 | 9°44 | 21°27 | 1°56 | 9°35 | 2°13 | 6°22 | 19°32 | 19° 0 | 19°43 | 21°31 | 12° 9 | 28°37 | T 25 |
| F 26 | 8 17 55 | 5°13'01 | 7♍48 | 10°49 | 22°42 | 2°43 | 9°49 | 2°11 | 6°20 | 19°32 | 18°58 | 19°40 | 21°28 | 12°15 | 28°43 | F 26 |
| S 27 | 8 21 52 | 6°14'00 | 20°48 | 11°56 | 23°57 | 3°30 | 10° 2 | 2°10 | 6°18 | 19°32 | 18°57 | 19°D39 | 21°25 | 12°22 | 28°49 | S 27 |
| S 28 | 8 25 48 | 7°14'57 | 4♎ 0 | 13° 5 | 25°12 | 4°18 | 10°15 | 2° 8 | 6°16 | 19°31 | 18°56 | 19°40 | 21°21 | 12°29 | 28°55 | S 28 |
| M29 | 8 29 45 | 8°15'54 | 17°26 | 14°16 | 26°27 | 5° 5 | 10°29 | 2° 6 | 6°14 | 19°31 | 18°54 | 19°41 | 21°18 | 12°36 | 29° 1 | M29 |
| T 30 | 8 33 41 | 9°16'51 | 1♏ 7 | 15°29 | 27°42 | 5°52 | 10°42 | 2° 5 | 6°12 | 19°31 | 18°53 | 19°43 | 21°15 | 12°42 | 29° 6 | T 30 |
| W31 | 8 37 38 | 10♒17'47 | 15♏ 3 | 16♑44 | 28♒57 | 6♓39 | 10♓56 | 2♎ 3 | 6♋10 | 19♎30 | 18♌51 | 19°R43 | 21♓12 | 12♊49 | 29♐12 | 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 | 23s 5 | 4s 1 | 1s20 | 20s34 | 2n23 | 22s53 | 1s 9 | 18s 2 | 1s10 | 10s47 | 1s 4 | 1n11 | 2n16 | 23n34 | 0n20 | 6s 6 | 1n37 | 23n10 | 8n39 | 3s13 | 2s52 | 26n49 | 18s 6 | 5n18 |
| T 2 | 23 1 | 10 21 | 2 26 | 20 25 | 2 37 | 22 43 | 1 11 | 17 48 | 1 10 | 10 43 | 1 4 | 1 11 | 2 16 | 23 34 | 0 20 | 6 6 | 1 37 | 23 11 | 8 39 | 3 13 | 2 53 | 26 51 | 18 6 | 5 18 |
| W 3 | 22 55 | 16 21 | 3 27 | 20 18 | 2 50 | 22 32 | 1 12 | 17 34 | 1 9 | 10 39 | 1 4 | 1 10 | 2 16 | 23 35 | 0 20 | 6 7 | 1 37 | 23 11 | 8 39 | 3 14 | 2 54 | 26 52 | 18 6 | 5 18 |
| T 4 | 22 50 | 21 37 | 4 15 | 20 13 | 3 1 | 22 20 | 1 14 | 17 20 | 1 9 | 10 35 | 1 4 | 1 10 | 2 17 | 23 35 | 0 20 | 6 7 | 1 37 | 23 12 | 8 39 | 3 16 | 2 56 | 26 53 | 18 6 | 5 18 |
| F 5 | 22 44 | 25 40 | 4 48 | 20 9 | 3 8 | 22 7 | 1 15 | 17 5 | 1 9 | 10 30 | 1 4 | 1 10 | 2 17 | 23 35 | 0 20 | 6 7 | 1 37 | 23 12 | 8 39 | 3 19 | 2 57 | 26 54 | 18 6 | 5 19 |
| S 6 | 22 37 | 28 0 | 5 2 | 20 7 | 3 14 | 21 54 | 1 17 | 16 50 | 1 8 | 10 26 | 1 4 | 1 10 | 2 17 | 23 35 | 0 20 | 6 7 | 1 37 | 23 13 | 8 40 | 3 22 | 2 58 | 26 56 | 18 6 | 5 19 |
| S 7 | 22 30 | 28 18 | 4 55 | 20 6 | 3 17 | 21 40 | 1 18 | 16 36 | 1 8 | 10 21 | 1 3 | 1 10 | 2 17 | 23 35 | 0 20 | 6 7 | 1 37 | 23 13 | 8 40 | 3 26 | 2 59 | 26 57 | 18 6 | 5 19 |
| M 8 | 22 23 | 26 30 | 4 28 | 20 7 | 3 17 | 21 25 | 1 19 | 16 21 | 1 7 | 10 17 | 1 3 | 1 10 | 2 18 | 23 35 | 0 20 | 6 7 | 1 37 | 23 14 | 8 40 | 3 30 | 3 1 | 26 58 | 18 5 | 5 19 |
| T 9 | 22 15 | 22 53 | 3 42 | 20 9 | 3 16 | 21 10 | 1 21 | 16 5 | 1 7 | 10 12 | 1 3 | 1 10 | 2 18 | 23 35 | 0 20 | 6 8 | 1 38 | 23 15 | 8 40 | 3 34 | 3 2 | 26 59 | 18 5 | 5 20 |
| W10 | 22 7 | 17 56 | 2 44 | 20 13 | 3 13 | 20 54 | 1 22 | 15 50 | 1 7 | 10 8 | 1 3 | 1 11 | 2 18 | 23 36 | 0 20 | 6 8 | 1 38 | 23 15 | 8 41 | 3 37 | 3 3 | 27 0 | 18 5 | 5 20 |
| T 11 | 21 58 | 12 9 | 1 37 | 20 17 | 3 8 | 20 38 | 1 23 | 15 35 | 1 6 | 10 3 | 1 3 | 1 11 | 2 19 | 23 36 | 0 20 | 6 8 | 1 38 | 23 16 | 8 41 | 3 38 | 3 4 | 27 2 | 18 5 | 5 20 |
| F 12 | 21 49 | 6 0 | 0 26 | 20 23 | 3 3 | 20 20 | 1 24 | 15 19 | 1 6 | 9 59 | 1 3 | 1 11 | 2 19 | 23 36 | 0 20 | 6 8 | 1 38 | 23 16 | 8 41 | 3 39 | 3 6 | 27 3 | 18 5 | 5 20 |
| S 13 | 21 39 | 0n13 | 0n43 | 20 30 | 2 56 | 20 3 | 1 25 | 15 3 | 1 5 | 9 54 | 1 3 | 1 11 | 2 19 | 23 36 | 0 20 | 6 8 | 1 38 | 23 17 | 8 41 | 3 39 | 3 7 | 27 4 | 18 5 | 5 21 |
| S 14 | 21 29 | 6 14 | 1 49 | 20 38 | 2 48 | 19 45 | 1 26 | 14 47 | 1 5 | 9 50 | 1 3 | 1 12 | 2 19 | 23 36 | 0 20 | 6 8 | 1 38 | 23 17 | 8 41 | 3 38 | 3 8 | 27 5 | 18 5 | 5 21 |
| M15 | 21 19 | 11 51 | 2 47 | 20 46 | 2 40 | 19 26 | 1 27 | 14 31 | 1 5 | 9 45 | 1 3 | 1 12 | 2 20 | 23 36 | 0 20 | 6 8 | 1 38 | 23 18 | 8 42 | 3 38 | 3 9 | 27 6 | 18 4 | 5 21 |
| T 16 | 21 8 | 16 55 | 3 37 | 20 55 | 2 31 | 19 6 | 1 28 | 14 15 | 1 4 | 9 40 | 1 3 | 1 12 | 2 20 | 23 36 | 0 20 | 6 8 | 1 38 | 23 19 | 8 42 | 3 39 | 3 11 | 27 7 | 18 4 | 5 22 |
| W17 | 20 57 | 21 16 | 4 17 | 21 3 | 2 21 | 18 46 | 1 28 | 13 59 | 1 4 | 9 35 | 1 3 | 1 13 | 2 20 | 23 36 | 0 20 | 6 8 | 1 38 | 23 19 | 8 42 | 3 40 | 3 12 | 27 8 | 18 4 | 5 22 |
| T 18 | 20 45 | 24 45 | 4 46 | 21 12 | 2 12 | 18 26 | 1 29 | 13 42 | 1 3 | 9 31 | 1 3 | 1 13 | 2 21 | 23 37 | 0 20 | 6 8 | 1 38 | 23 20 | 8 42 | 3 42 | 3 13 | 27 10 | 18 4 | 5 22 |
| F 19 | 20 33 | 27 10 | 5 2 | 21 21 | 2 2 | 18 5 | 1 30 | 13 26 | 1 3 | 9 26 | 1 3 | 1 14 | 2 21 | 23 37 | 0 20 | 6 8 | 1 38 | 23 20 | 8 42 | 3 45 | 3 14 | 27 11 | 18 3 | 5 23 |
| S 20 | 20 21 | 28 22 | 5 5 | 21 29 | 1 52 | 17 43 | 1 30 | 13 9 | 1 2 | 9 21 | 1 2 | 1 14 | 2 21 | 23 37 | 0 20 | 6 8 | 1 38 | 23 21 | 8 42 | 3 48 | 3 16 | 27 12 | 18 3 | 5 23 |
| S 21 | 20 8 | 28 15 | 4 55 | 21 37 | 1 42 | 17 21 | 1 31 | 12 52 | 1 2 | 9 16 | 1 2 | 1 15 | 2 21 | 23 37 | 0 20 | 6 8 | 1 38 | 23 22 | 8 43 | 3 52 | 3 17 | 27 13 | 18 3 | 5 23 |
| M22 | 19 55 | 26 47 | 4 32 | 21 45 | 1 32 | 16 59 | 1 31 | 12 35 | 1 1 | 9 11 | 1 2 | 1 16 | 2 22 | 23 37 | 0 20 | 6 8 | 1 38 | 23 22 | 8 43 | 3 56 | 3 18 | 27 14 | 18 3 | 5 24 |
| T 23 | 19 41 | 24 0 | 3 55 | 21 52 | 1 22 | 16 36 | 1 32 | 12 18 | 1 1 | 9 6 | 1 2 | 1 16 | 2 22 | 23 37 | 0 20 | 6 8 | 1 38 | 23 23 | 8 43 | 4 0 | 3 19 | 27 15 | 18 2 | 5 24 |
| W24 | 19 27 | 20 5 | 3 7 | 21 58 | 1 12 | 16 13 | 1 32 | 12 1 | 1 0 | 9 1 | 1 2 | 1 17 | 2 22 | 23 37 | 0 20 | 6 8 | 1 38 | 23 23 | 8 43 | 4 2 | 3 21 | 27 16 | 18 2 | 5 24 |
| T 25 | 19 13 | 15 13 | 2 9 | 22 4 | 1 2 | 15 49 | 1 32 | 11 43 | 1 0 | 8 56 | 1 2 | 1 18 | 2 23 | 23 37 | 0 20 | 6 8 | 1 38 | 23 24 | 8 43 | 4 5 | 3 22 | 27 17 | 18 2 | 5 25 |
| F 26 | 18 58 | 9 38 | 1 4 | 22 8 | 0 52 | 15 25 | 1 32 | 11 26 | 0 59 | 8 51 | 1 2 | 1 19 | 2 23 | 23 38 | 0 20 | 6 7 | 1 39 | 23 25 | 8 43 | 4 6 | 3 23 | 27 18 | 18 1 | 5 25 |
| S 27 | 18 43 | 3 33 | 0s 6 | 22 12 | 0 43 | 15 0 | 1 32 | 11 8 | 0 59 | 8 46 | 1 2 | 1 20 | 2 23 | 23 38 | 0 20 | 6 7 | 1 39 | 23 25 | 8 43 | 4 6 | 3 24 | 27 19 | 18 1 | 5 26 |
| S 28 | 18 28 | 2s46 | 1 17 | 22 15 | 0 33 | 14 35 | 1 33 | 10 51 | 0 58 | 8 41 | 1 2 | 1 21 | 2 23 | 23 38 | 0 20 | 6 7 | 1 39 | 23 26 | 8 44 | 4 6 | 3 26 | 27 20 | 18 1 | 5 26 |
| M29 | 18 12 | 9 5 | 2 25 | 22 17 | 0 24 | 14 9 | 1 32 | 10 33 | 0 58 | 8 36 | 1 2 | 1 21 | 2 24 | 23 38 | 0 20 | 6 7 | 1 39 | 23 26 | 8 44 | 4 5 | 3 27 | 27 21 | 18 0 | 5 26 |
| T 30 | 17 56 | 15 5 | 3 26 | 22 18 | 0 15 | 13 43 | 1 32 | 10 15 | 0 57 | 8 31 | 1 2 | 1 22 | 2 24 | 23 38 | 0 20 | 6 7 | 1 39 | 23 27 | 8 44 | 4 5 | 3 28 | 27 22 | 18 0 | 5 27 |
| W31 | 17s40 | 20s26 | 4s16 | 22s18 | 0n 6 | 13s17 | 1s32 | 9s57 | 0s57 | 8s26 | 1s 2 | 1n23 | 2n24 | 23n38 | 0n20 | 6s 7 | 1n39 | 23n27 | 8n44 | 4s 5 | 3s29 | 27n23 | 17s59 | 5n27 |

Julian Day Number = 2433647.5, Delta T = 29.32 sec
Ecliptic obliquity = 23°26'53, Nutation = 0°00'02
Ayanamsha: Fagan/Bradley = 24°03'22, Lahiri = 23°10'22


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## FEBRUARY 1951 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 8 41 34 | 11♒18'42 | 29♏14 | 18♑ 0 | 0♓12 | 7♓26 | 11♓ 9 | 2°R 1 | 6°R 8 | 19°R30 | 18°R50 | 19°R41 | 21♓ 9 | 12♊56 | 29♐17 | T 1 |
| F 2 | 8 45 31 | 12°19'37 | 13♐40 | 19°18 | 1°27 | 8°13 | 11°23 | 1♎58 | 6♋ 6 | 19♎30 | 18♌48 | 19♓38 | 21° 5 | 13° 2 | 29°23 | F 2 |
| S 3 | 8 49 27 | 13°20'30 | 28°15 | 20°37 | 2°42 | 9° 0 | 11°36 | 1°56 | 6° 4 | 19°29 | 18°47 | 19°34 | 21° 2 | 13° 9 | 29°28 | S 3 |
| S 4 | 8 53 24 | 14°21'23 | 12♑55 | 21°57 | 3°56 | 9°48 | 11°50 | 1°54 | 6° 2 | 19°29 | 18°46 | 19°28 | 20°59 | 13°16 | 29°34 | S 4 |
| M 5 | 8 57 21 | 15°22'15 | 27°32 | 23°19 | 5°11 | 10°35 | 12° 4 | 1°51 | 6° 0 | 19°28 | 18°44 | 19°23 | 20°56 | 13°23 | 29°39 | M 5 |
| T 6 | 9 1 17 | 16°23'06 | 12♒ 1 | 24°41 | 6°26 | 11°22 | 12°18 | 1°49 | 5°58 | 19°28 | 18°43 | 19°18 | 20°53 | 13°29 | 29°44 | T 6 |
| W 7 | 9 5 14 | 17°23'56 | 26°13 | 26° 5 | 7°41 | 12° 9 | 12°31 | 1°46 | 5°57 | 19°27 | 18°41 | 19°14 | 20°50 | 13°36 | 29°49 | W 7 |
| T 8 | 9 9 10 | 18°24'44 | 10♓ 5 | 27°30 | 8°56 | 12°56 | 12°45 | 1°44 | 5°55 | 19°27 | 18°40 | 19°13 | 20°46 | 13°43 | 29°55 | T 8 |
| F 9 | 9 13 7 | 19°25'31 | 23°34 | 28°56 | 10°10 | 13°43 | 12°59 | 1°41 | 5°53 | 19°26 | 18°38 | 19°D12 | 20°43 | 13°49 | 29°59 | F 9 |
| S 10 | 9 17 3 | 20°26'16 | 6♈39 | 0♒22 | 11°25 | 14°30 | 13°13 | 1°38 | 5°51 | 19°26 | 18°37 | 19°13 | 20°40 | 13°56 | 0♑ 5 | S 10 |
| S 11 | 9 21 0 | 21°27'00 | 19°22 | 1°50 | 12°40 | 15°17 | 13°27 | 1°35 | 5°50 | 19°25 | 18°35 | 19°15 | 20°37 | 14° 3 | 0°10 | S 11 |
| M12 | 9 24 56 | 22°27'42 | 1♉46 | 3°19 | 13°54 | 16° 4 | 13°41 | 1°32 | 5°48 | 19°24 | 18°34 | 19°17 | 20°34 | 14°10 | 0°15 | M12 |
| T 13 | 9 28 53 | 23°28'23 | 13°55 | 4°48 | 15° 9 | 16°51 | 13°55 | 1°29 | 5°47 | 19°23 | 18°33 | 19°18 | 20°31 | 14°16 | 0°19 | T 13 |
| W14 | 9 32 50 | 24°29'02 | 25°53 | 6°19 | 16°24 | 17°37 | 14° 9 | 1°25 | 5°45 | 19°23 | 18°31 | 19°R18 | 20°27 | 14°23 | 0°24 | W14 |
| T 15 | 9 36 46 | 25°29'40 | 7♊46 | 7°50 | 17°38 | 18°24 | 14°24 | 1°22 | 5°44 | 19°22 | 18°30 | 19°18 | 20°24 | 14°30 | 0°29 | T 15 |
| F 16 | 9 40 43 | 26°30'15 | 19°38 | 9°23 | 18°53 | 19°11 | 14°38 | 1°19 | 5°43 | 19°21 | 18°28 | 19°16 | 20°21 | 14°37 | 0°34 | F 16 |
| S 17 | 9 44 39 | 27°30'49 | 1♋34 | 10°56 | 20° 7 | 19°58 | 14°52 | 1°15 | 5°41 | 19°20 | 18°27 | 19°13 | 20°18 | 14°43 | 0°38 | S 17 |
| S 18 | 9 48 36 | 28°31'22 | 13°38 | 12°30 | 21°22 | 20°45 | 15° 6 | 1°12 | 5°40 | 19°19 | 18°25 | 19°10 | 20°15 | 14°50 | 0°43 | S 18 |
| M19 | 9 52 32 | 29°31'52 | 25°52 | 14° 5 | 22°36 | 21°32 | 15°20 | 1° 8 | 5°39 | 19°18 | 18°24 | 19° 6 | 20°11 | 14°57 | 0°47 | M19 |
| T 20 | 9 56 29 | 0♓32'21 | 8♌19 | 15°41 | 23°50 | 22°18 | 15°35 | 1° 5 | 5°37 | 19°18 | 18°23 | 19° 3 | 20° 8 | 15° 3 | 0°52 | T 20 |
| W21 | 10 0 25 | 1°32'48 | 21° 1 | 17°18 | 25° 5 | 23° 5 | 15°49 | 1° 1 | 5°36 | 19°17 | 18°21 | 19° 1 | 20° 5 | 15°10 | 0°56 | W21 |
| T 22 | 10 4 22 | 2°33'14 | 3♍57 | 18°56 | 26°19 | 23°52 | 16° 3 | 0°57 | 5°35 | 19°16 | 18°20 | 19° 0 | 20° 2 | 15°17 | 1° 0 | T 22 |
| F 23 | 10 8 19 | 3°33'37 | 17° 9 | 20°35 | 27°33 | 24°38 | 16°18 | 0°53 | 5°34 | 19°15 | 18°18 | 18°D59 | 19°59 | 15°24 | 1° 4 | F 23 |
| S 24 | 10 12 15 | 4°34'00 | 0♎33 | 22°14 | 28°48 | 25°25 | 16°32 | 0°49 | 5°33 | 19°14 | 18°17 | 18°59 | 19°56 | 15°30 | 1° 8 | S 24 |
| S 25 | 10 16 12 | 5°34'20 | 14°10 | 23°55 | 0♈ 2 | 26°11 | 16°46 | 0°45 | 5°32 | 19°12 | 18°16 | 19° 0 | 19°52 | 15°37 | 1°12 | S 25 |
| M26 | 10 20 8 | 6°34'39 | 27°58 | 25°37 | 1°16 | 26°58 | 17° 1 | 0°41 | 5°31 | 19°11 | 18°14 | 19° 1 | 19°49 | 15°44 | 1°16 | M26 |
| T 27 | 10 24 5 | 7°34'57 | 11♏55 | 27°19 | 2°30 | 27°44 | 17°15 | 0°37 | 5°31 | 19°10 | 18°13 | 19° 2 | 19°46 | 15°50 | 1°20 | T 27 |
| W28 | 10 28 1 | 8♓35'14 | 25♏59 | 29♒ 3 | 3♈44 | 28♓31 | 17♓30 | 0♎33 | 5♋30 | 19♎ 9 | 18♌12 | 19♓ 3 | 19♓43 | 15♊57 | 1♑24 | 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 | 17s23 | 24s44 | 4s51 | 22s17 | 0s 2 | 12s50 | 1s32 | 9s39 | 0s56 | 8s20 | 1s 2 | 1n24 | 2n24 | 23n38 | 0n20 | 6s 6 | 1n39 | 23n28 | 8n44 | 4s 5 | 3s31 | 27n24 | 17s59 | 5n28 |
| F 2 | 17 7 | 27 33 | 5 9 | 22 14 | 0 11 | 12 24 | 1 32 | 9 21 | 0 56 | 8 15 | 1 2 | 1 26 | 2 25 | 23 38 | 0 20 | 6 6 | 1 39 | 23 29 | 8 44 | 4 6 | 3 32 | 27 25 | 17 59 | 5 28 |
| S 3 | 16 49 | 28 33 | 5 7 | 22 11 | 0 19 | 11 56 | 1 31 | 9 3 | 0 55 | 8 10 | 1 2 | 1 27 | 2 25 | 23 38 | 0 20 | 6 6 | 1 39 | 23 29 | 8 44 | 4 8 | 3 33 | 27 26 | 17 58 | 5 29 |
| S 4 | 16 32 | 27 33 | 4 45 | 22 6 | 0 27 | 11 29 | 1 31 | 8 45 | 0 55 | 8 5 | 1 2 | 1 28 | 2 25 | 23 38 | 0 20 | 6 6 | 1 39 | 23 30 | 8 44 | 4 10 | 3 34 | 27 27 | 17 58 | 5 29 |
| M 5 | 16 14 | 24 39 | 4 5 | 22 0 | 0 35 | 11 1 | 1 30 | 8 26 | 0 54 | 7 59 | 1 2 | 1 29 | 2 25 | 23 38 | 0 20 | 6 6 | 1 39 | 23 30 | 8 44 | 4 12 | 3 36 | 27 28 | 17 57 | 5 29 |
| T 6 | 15 56 | 20 13 | 3 9 | 21 53 | 0 42 | 10 33 | 1 30 | 8 8 | 0 54 | 7 54 | 1 2 | 1 30 | 2 26 | 23 39 | 0 20 | 6 5 | 1 39 | 23 31 | 8 45 | 4 14 | 3 37 | 27 29 | 17 57 | 5 30 |
| W 7 | 15 38 | 14 42 | 2 2 | 21 45 | 0 49 | 10 4 | 1 29 | 7 49 | 0 53 | 7 49 | 1 2 | 1 32 | 2 26 | 23 39 | 0 20 | 6 5 | 1 39 | 23 31 | 8 45 | 4 16 | 3 38 | 27 30 | 17 56 | 5 30 |
| T 8 | 15 19 | 8 33 | 0 50 | 21 35 | 0 56 | 9 35 | 1 28 | 7 31 | 0 52 | 7 43 | 1 2 | 1 33 | 2 26 | 23 39 | 0 20 | 6 5 | 1 39 | 23 32 | 8 45 | 4 16 | 3 39 | 27 31 | 17 56 | 5 31 |
| F 9 | 15 0 | 2 11 | 0n24 | 21 24 | 1 3 | 9 6 | 1 27 | 7 12 | 0 52 | 7 38 | 1 1 | 1 34 | 2 26 | 23 39 | 0 20 | 6 5 | 1 39 | 23 32 | 8 45 | 4 16 | 3 41 | 27 32 | 17 56 | 5 31 |
| S 10 | 14 41 | 4n 5 | 1 34 | 21 12 | 1 9 | 8 37 | 1 27 | 6 54 | 0 51 | 7 33 | 1 1 | 1 36 | 2 27 | 23 39 | 0 20 | 6 4 | 1 39 | 23 33 | 8 45 | 4 16 | 3 42 | 27 33 | 17 55 | 5 32 |
| S 11 | 14 21 | 10 1 | 2 38 | 20 59 | 1 15 | 8 8 | 1 26 | 6 35 | 0 51 | 7 27 | 1 1 | 1 37 | 2 27 | 23 39 | 0 20 | 6 4 | 1 39 | 23 33 | 8 45 | 4 15 | 3 43 | 27 34 | 17 55 | 5 32 |
| M12 | 14 2 | 15 25 | 3 32 | 20 44 | 1 21 | 7 38 | 1 25 | 6 16 | 0 50 | 7 22 | 1 1 | 1 38 | 2 27 | 23 39 | 0 20 | 6 4 | 1 40 | 23 34 | 8 45 | 4 15 | 3 44 | 27 35 | 17 54 | 5 33 |
| T 13 | 13 42 | 20 6 | 4 16 | 20 28 | 1 27 | 7 8 | 1 24 | 5 58 | 0 50 | 7 16 | 1 1 | 1 40 | 2 27 | 23 39 | 0 20 | 6 3 | 1 40 | 23 34 | 8 45 | 4 14 | 3 46 | 27 36 | 17 54 | 5 33 |
| W14 | 13 22 | 23 54 | 4 48 | 20 11 | 1 32 | 6 38 | 1 22 | 5 39 | 0 49 | 7 11 | 1 1 | 1 41 | 2 27 | 23 39 | 0 20 | 6 3 | 1 40 | 23 35 | 8 45 | 4 14 | 3 47 | 27 37 | 17 53 | 5 34 |
| T 15 | 13 2 | 26 40 | 5 8 | 19 52 | 1 37 | 6 8 | 1 21 | 5 20 | 0 48 | 7 5 | 1 1 | 1 43 | 2 28 | 23 39 | 0 20 | 6 3 | 1 40 | 23 36 | 8 45 | 4 14 | 3 48 | 27 38 | 17 53 | 5 34 |
| F 16 | 12 41 | 28 16 | 5 14 | 19 32 | 1 41 | 5 38 | 1 20 | 5 1 | 0 48 | 7 0 | 1 1 | 1 44 | 2 28 | 23 39 | 0 20 | 6 2 | 1 40 | 23 36 | 8 45 | 4 15 | 3 49 | 27 39 | 17 52 | 5 35 |
| S 17 | 12 20 | 28 33 | 5 7 | 19 11 | 1 45 | 5 7 | 1 19 | 4 42 | 0 47 | 6 54 | 1 1 | 1 46 | 2 28 | 23 39 | 0 20 | 6 2 | 1 40 | 23 37 | 8 45 | 4 16 | 3 51 | 27 40 | 17 51 | 5 35 |
| S 18 | 12 0 | 27 30 | 4 46 | 18 48 | 1 49 | 4 37 | 1 17 | 4 23 | 0 47 | 6 49 | 1 1 | 1 47 | 2 28 | 23 39 | 0 20 | 6 2 | 1 40 | 23 37 | 8 45 | 4 17 | 3 52 | 27 40 | 17 51 | 5 36 |
| M19 | 11 38 | 25 6 | 4 12 | 18 25 | 1 53 | 4 6 | 1 16 | 4 4 | 0 46 | 6 43 | 1 1 | 1 49 | 2 29 | 23 39 | 0 20 | 6 1 | 1 40 | 23 37 | 8 45 | 4 19 | 3 53 | 27 41 | 17 50 | 5 36 |
| T 20 | 11 17 | 21 30 | 3 26 | 17 59 | 1 56 | 3 35 | 1 14 | 3 45 | 0 46 | 6 38 | 1 1 | 1 51 | 2 29 | 23 39 | 0 20 | 6 1 | 1 40 | 23 38 | 8 45 | 4 20 | 3 54 | 27 42 | 17 50 | 5 37 |
| W21 | 10 56 | 16 50 | 2 28 | 17 33 | 1 59 | 3 4 | 1 13 | 3 26 | 0 45 | 6 32 | 1 1 | 1 52 | 2 29 | 23 39 | 0 20 | 6 0 | 1 40 | 23 38 | 8 45 | 4 21 | 3 56 | 27 43 | 17 49 | 5 37 |
| T 22 | 10 34 | 11 20 | 1 22 | 17 5 | 2 2 | 2 33 | 1 11 | 3 7 | 0 44 | 6 27 | 1 1 | 1 54 | 2 29 | 23 39 | 0 20 | 6 0 | 1 40 | 23 39 | 8 45 | 4 21 | 3 57 | 27 44 | 17 49 | 5 38 |
| F 23 | 10 12 | 5 14 | 0 10 | 16 35 | 2 4 | 2 2 | 1 9 | 2 48 | 0 44 | 6 21 | 1 1 | 1 56 | 2 29 | 23 40 | 0 20 | 6 0 | 1 40 | 23 39 | 8 45 | 4 22 | 3 58 | 27 45 | 17 48 | 5 39 |
| S 24 | 9 50 | 1s11 | 1s 4 | 16 5 | 2 5 | 1 31 | 1 7 | 2 29 | 0 43 | 6 15 | 1 1 | 1 58 | 2 29 | 23 40 | 0 20 | 5 59 | 1 40 | 23 40 | 8 45 | 4 22 | 3 59 | 27 46 | 17 47 | 5 39 |
| S 25 | 9 28 | 7 40 | 2 15 | 15 33 | 2 7 | 0 59 | 1 6 | 2 10 | 0 43 | 6 10 | 1 1 | 1 59 | 2 30 | 23 40 | 0 20 | 5 59 | 1 40 | 23 40 | 8 45 | 4 21 | 4 1 | 27 46 | 17 47 | 5 40 |
| M26 | 9 6 | 13 51 | 3 19 | 14 59 | 2 8 | 0 28 | 1 4 | 1 51 | 0 42 | 6 4 | 1 1 | 2 1 | 2 30 | 23 40 | 0 20 | 5 58 | 1 40 | 23 41 | 8 45 | 4 21 | 4 2 | 27 47 | 17 46 | 5 40 |
| T 27 | 8 44 | 19 25 | 4 13 | 14 25 | 2 8 | 0n 3 | 1 2 | 1 32 | 0 41 | 5 59 | 1 1 | 2 3 | 2 30 | 23 40 | 0 20 | 5 58 | 1 40 | 23 41 | 8 45 | 4 20 | 4 3 | 27 48 | 17 46 | 5 41 |
| W28 | 8s21 | 23s58 | 4s51 | 13s49 | 2s 8 | 0n34 | 1s 0 | 1s13 | 0s41 | 5s53 | 1s 1 | 2n 5 | 2n30 | 23n40 | 0n20 | 5s57 | 1n40 | 23n42 | 8n45 | 4s20 | 4s 4 | 27n49 | 17s45 | 5n41 |

Julian Day Number = 2433678.5, Delta T = 29.35 sec
Ecliptic obliquity = 23°26'53, Nutation = 0°00'04
Ayanamsha: Fagan/Bradley = 24°03'26, Lahiri = 23°10'26


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# ASTRODIENST EPHEMERIS for the year 1951

## MARCH 1951 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 10 31 58 | 9♓35'28 | 10♐ 9 | 0♓48 | 4♈58 | 29♓17 | 17♓44 | 0°R29 | 5°R29 | 19°R 8 | 18°R10 | 19°R 3 | 19♓40 | 16♊ 4 | 1♑28 | T 1 |
| F 2 | 10 35 54 | 10°35'42 | 24°22 | 2°34 | 6°12 | 0♈ 4 | 17°59 | 0♎24 | 5♋28 | 19♎ 7 | 18♌ 9 | 19♓ 3 | 19°37 | 16°11 | 1°31 | F 2 |
| S 3 | 10 39 51 | 11°35'54 | 8♑37 | 4°20 | 7°26 | 0°50 | 18°13 | 0°20 | 5°28 | 19° 6 | 18° 8 | 19° 2 | 19°33 | 16°17 | 1°35 | S 3 |
| S 4 | 10 43 48 | 12°36'05 | 22°49 | 6° 8 | 8°40 | 1°36 | 18°28 | 0°16 | 5°27 | 19° 4 | 18° 6 | 19° 2 | 19°30 | 16°24 | 1°39 | S 4 |
| M 5 | 10 47 44 | 13°36'14 | 6♒57 | 7°57 | 9°54 | 2°23 | 18°42 | 0°11 | 5°27 | 19° 3 | 18° 5 | 19° 1 | 19°27 | 16°31 | 1°42 | M 5 |
| T 6 | 10 51 41 | 14°36'21 | 20°56 | 9°47 | 11° 8 | 3° 9 | 18°57 | 0° 7 | 5°26 | 19° 2 | 18° 4 | 19° 0 | 19°24 | 16°38 | 1°45 | T 6 |
| W 7 | 10 55 37 | 15°36'26 | 4♓42 | 11°38 | 12°21 | 3°55 | 19°11 | 0° 2 | 5°26 | 19° 1 | 18° 2 | 19° 0 | 19°21 | 16°44 | 1°49 | W 7 |
| T 8 | 10 59 34 | 16°36'30 | 18°15 | 13°30 | 13°35 | 4°42 | 19°26 | 29♍58 | 5°25 | 18°59 | 18° 1 | 19°D 0 | 19°17 | 16°51 | 1°52 | T 8 |
| F 9 | 11 3 30 | 17°36'32 | 1♈30 | 15°23 | 14°49 | 5°28 | 19°40 | 29°53 | 5°25 | 18°58 | 18° 0 | 19° 0 | 19°14 | 16°58 | 1°55 | F 9 |
| S 10 | 11 7 27 | 18°36'31 | 14°27 | 17°18 | 16° 3 | 6°14 | 19°55 | 29°49 | 5°25 | 18°57 | 17°59 | 19°R 0 | 19°11 | 17° 4 | 1°58 | S 10 |
| S 11 | 11 11 23 | 19°36'29 | 27° 7 | 19°13 | 17°16 | 7° 0 | 20° 9 | 29°44 | 5°24 | 18°55 | 17°57 | 19° 0 | 19° 8 | 17°11 | 2° 1 | S 11 |
| M12 | 11 15 20 | 20°36'25 | 9♉31 | 21° 9 | 18°30 | 7°46 | 20°24 | 29°39 | 5°24 | 18°54 | 17°56 | 19° 0 | 19° 5 | 17°18 | 2° 4 | M12 |
| T 13 | 11 19 17 | 21°36'18 | 21°41 | 23° 6 | 19°43 | 8°32 | 20°38 | 29°35 | 5°24 | 18°52 | 17°55 | 19° 0 | 19° 2 | 17°25 | 2° 6 | T 13 |
| W14 | 11 23 13 | 22°36'10 | 3♊41 | 25° 4 | 20°57 | 9°18 | 20°53 | 29°30 | 5°D24 | 18°51 | 17°54 | 18°59 | 18°58 | 17°31 | 2° 9 | W14 |
| T 15 | 11 27 10 | 23°35'59 | 15°36 | 27° 2 | 22°10 | 10° 4 | 21° 8 | 29°25 | 5°24 | 18°49 | 17°53 | 18°59 | 18°55 | 17°38 | 2°12 | T 15 |
| F 16 | 11 31 6 | 24°35'46 | 27°28 | 29° 1 | 23°23 | 10°50 | 21°22 | 29°21 | 5°24 | 18°48 | 17°52 | 18°D59 | 18°52 | 17°45 | 2°14 | F 16 |
| S 17 | 11 35 3 | 25°35'31 | 9♋24 | 1♈ 0 | 24°37 | 11°36 | 21°37 | 29°16 | 5°24 | 18°47 | 17°51 | 18°59 | 18°49 | 17°52 | 2°17 | S 17 |
| S 18 | 11 38 59 | 26°35'13 | 21°28 | 3° 0 | 25°50 | 12°21 | 21°51 | 29°11 | 5°24 | 18°45 | 17°50 | 19° 0 | 18°46 | 17°58 | 2°19 | S 18 |
| M19 | 11 42 56 | 27°34'53 | 3♌44 | 4°59 | 27° 3 | 13° 7 | 22° 6 | 29° 7 | 5°25 | 18°44 | 17°48 | 19° 1 | 18°43 | 18° 5 | 2°21 | M19 |
| T 20 | 11 46 52 | 28°34'31 | 16°16 | 6°59 | 28°16 | 13°53 | 22°20 | 29° 2 | 5°25 | 18°42 | 17°47 | 19° 2 | 18°39 | 18°12 | 2°23 | T 20 |
| W21 | 11 50 49 | 29°34'07 | 29° 6 | 8°58 | 29°29 | 14°38 | 22°35 | 28°57 | 5°25 | 18°41 | 17°46 | 19° 2 | 18°36 | 18°18 | 2°25 | W21 |
| T 22 | 11 54 46 | 0♈33'41 | 12♍17 | 10°56 | 0♉42 | 15°24 | 22°49 | 28°52 | 5°26 | 18°39 | 17°45 | 19°R 3 | 18°33 | 18°25 | 2°27 | T 22 |
| F 23 | 11 58 42 | 1°33'12 | 25°48 | 12°53 | 1°55 | 16°10 | 23° 4 | 28°48 | 5°26 | 18°37 | 17°44 | 19° 3 | 18°30 | 18°32 | 2°29 | F 23 |
| S 24 | 12 2 39 | 2°32'41 | 9♎38 | 14°48 | 3° 8 | 16°55 | 23°18 | 28°43 | 5°27 | 18°36 | 17°43 | 19° 2 | 18°27 | 18°39 | 2°31 | S 24 |
| S 25 | 12 6 35 | 3°32'09 | 23°43 | 16°41 | 4°21 | 17°41 | 23°32 | 28°38 | 5°27 | 18°34 | 17°42 | 19° 1 | 18°23 | 18°45 | 2°33 | S 25 |
| M26 | 12 10 32 | 4°31'34 | 8♏ 0 | 18°32 | 5°34 | 18°26 | 23°47 | 28°33 | 5°28 | 18°33 | 17°42 | 18°59 | 18°20 | 18°52 | 2°34 | M26 |
| T 27 | 12 14 28 | 5°30'58 | 22°23 | 20°20 | 6°46 | 19°11 | 24° 1 | 28°29 | 5°28 | 18°31 | 17°41 | 18°57 | 18°17 | 18°59 | 2°36 | T 27 |
| W28 | 12 18 25 | 6°30'20 | 6♐48 | 22° 5 | 7°59 | 19°57 | 24°16 | 28°24 | 5°29 | 18°30 | 17°40 | 18°55 | 18°14 | 19° 5 | 2°37 | W28 |
| T 29 | 12 22 21 | 7°29'40 | 21°10 | 23°47 | 9°12 | 20°42 | 24°30 | 28°19 | 5°30 | 18°28 | 17°39 | 18°53 | 18°11 | 19°12 | 2°39 | T 29 |
| F 30 | 12 26 18 | 8°28'58 | 5♑25 | 25°24 | 10°24 | 21°27 | 24°44 | 28°15 | 5°31 | 18°26 | 17°38 | 18°D53 | 18° 8 | 19°19 | 2°40 | F 30 |
| S 31 | 12 30 15 | 9♈28'15 | 19♑31 | 26♈57 | 11♉36 | 22♈13 | 24♓59 | 28♍10 | 5♋31 | 18♎25 | 17♌37 | 18♓53 | 18♓ 4 | 19♊26 | 2♑41 | 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 | 7s59 | 27s 8 | 5s13 | 13s11 | 2s 8 | 1n 6 | 0s58 | 0s54 | 0s40 | 5s47 | 1s 1 | 2n 6 | 2n30 | 23n40 | 0n20 | 5s57 | 1n40 | 23n42 | 8n45 | 4s20 | 4s 6 | 27n50 | 17s44 | 5n42 |
| F 2 | 7 36 | 28 35 | 5 15 | 12 33 | 2 7 | 1 37 | 0 55 | 0 35 | 0 39 | 5 42 | 1 1 | 2 8 | 2 30 | 23 40 | 0 20 | 5 56 | 1 40 | 23 42 | 8 45 | 4 20 | 4 7 | 27 50 | 17 44 | 5 43 |
| S 3 | 7 13 | 28 8 | 4 58 | 11 53 | 2 6 | 2 8 | 0 53 | 0 16 | 0 39 | 5 36 | 1 1 | 2 10 | 2 31 | 23 40 | 0 20 | 5 56 | 1 40 | 23 43 | 8 45 | 4 20 | 4 8 | 27 51 | 17 43 | 5 43 |
| S 4 | 6 50 | 25 51 | 4 23 | 11 11 | 2 4 | 2 39 | 0 51 | 0n 3 | 0 38 | 5 30 | 1 1 | 2 12 | 2 31 | 23 40 | 0 20 | 5 55 | 1 40 | 23 43 | 8 45 | 4 21 | 4 9 | 27 52 | 17 43 | 5 44 |
| M 5 | 6 27 | 21 58 | 3 32 | 10 29 | 2 2 | 3 11 | 0 49 | 0 22 | 0 38 | 5 25 | 1 1 | 2 14 | 2 31 | 23 40 | 0 20 | 5 55 | 1 40 | 23 44 | 8 45 | 4 21 | 4 11 | 27 53 | 17 42 | 5 44 |
| T 6 | 6 4 | 16 53 | 2 29 | 9 45 | 1 59 | 3 42 | 0 46 | 0 41 | 0 37 | 5 19 | 1 1 | 2 16 | 2 31 | 23 40 | 0 20 | 5 54 | 1 41 | 23 44 | 8 45 | 4 21 | 4 12 | 27 53 | 17 41 | 5 45 |
| W 7 | 5 41 | 11 0 | 1 18 | 9 0 | 1 56 | 4 13 | 0 44 | 1 0 | 0 36 | 5 13 | 1 1 | 2 18 | 2 31 | 23 40 | 0 20 | 5 54 | 1 41 | 23 44 | 8 45 | 4 21 | 4 13 | 27 54 | 17 41 | 5 46 |
| T 8 | 5 17 | 4 43 | 0 4 | 8 13 | 1 53 | 4 44 | 0 41 | 1 19 | 0 36 | 5 8 | 1 1 | 2 20 | 2 31 | 23 40 | 0 20 | 5 53 | 1 41 | 23 45 | 8 45 | 4 21 | 4 14 | 27 55 | 17 40 | 5 46 |
| F 9 | 4 54 | 1n39 | 1n 9 | 7 25 | 1 48 | 5 14 | 0 39 | 1 38 | 0 35 | 5 2 | 1 1 | 2 21 | 2 31 | 23 40 | 0 20 | 5 53 | 1 41 | 23 45 | 8 45 | 4 21 | 4 16 | 27 56 | 17 39 | 5 47 |
| S 10 | 4 30 | 7 48 | 2 16 | 6 37 | 1 44 | 5 45 | 0 36 | 1 57 | 0 34 | 4 56 | 1 1 | 2 23 | 2 31 | 23 40 | 0 20 | 5 52 | 1 41 | 23 45 | 8 45 | 4 21 | 4 17 | 27 56 | 17 39 | 5 47 |
| S 11 | 4 7 | 13 30 | 3 16 | 5 47 | 1 38 | 6 16 | 0 34 | 2 16 | 0 34 | 4 51 | 1 2 | 2 25 | 2 31 | 23 40 | 0 20 | 5 52 | 1 41 | 23 46 | 8 45 | 4 21 | 4 18 | 27 57 | 17 38 | 5 48 |
| M12 | 3 43 | 18 32 | 4 5 | 4 56 | 1 32 | 6 46 | 0 31 | 2 34 | 0 33 | 4 45 | 1 2 | 2 27 | 2 32 | 23 40 | 0 20 | 5 51 | 1 41 | 23 46 | 8 45 | 4 21 | 4 19 | 27 58 | 17 37 | 5 49 |
| T 13 | 3 20 | 22 43 | 4 42 | 4 3 | 1 26 | 7 17 | 0 29 | 2 53 | 0 32 | 4 39 | 1 2 | 2 29 | 2 32 | 23 40 | 0 20 | 5 50 | 1 41 | 23 46 | 8 45 | 4 21 | 4 21 | 27 58 | 17 37 | 5 49 |
| W14 | 2 56 | 25 54 | 5 6 | 3 10 | 1 19 | 7 47 | 0 26 | 3 12 | 0 32 | 4 34 | 1 2 | 2 31 | 2 32 | 23 40 | 0 20 | 5 50 | 1 41 | 23 47 | 8 45 | 4 22 | 4 22 | 27 59 | 17 36 | 5 50 |
| T 15 | 2 33 | 27 54 | 5 16 | 2 16 | 1 11 | 8 17 | 0 23 | 3 31 | 0 31 | 4 28 | 1 2 | 2 33 | 2 32 | 23 40 | 0 20 | 5 49 | 1 41 | 23 47 | 8 45 | 4 22 | 4 23 | 28 0 | 17 35 | 5 51 |
| F 16 | 2 9 | 28 39 | 5 13 | 1 22 | 1 3 | 8 47 | 0 20 | 3 49 | 0 31 | 4 22 | 1 2 | 2 35 | 2 32 | 23 40 | 0 20 | 5 49 | 1 41 | 23 47 | 8 45 | 4 22 | 4 24 | 28 0 | 17 35 | 5 51 |
| S 17 | 1 45 | 28 3 | 4 57 | 0 26 | 0 55 | 9 16 | 0 17 | 4 8 | 0 30 | 4 16 | 1 2 | 2 37 | 2 32 | 23 40 | 0 19 | 5 48 | 1 41 | 23 47 | 8 45 | 4 22 | 4 26 | 28 1 | 17 34 | 5 52 |
| S 18 | 1 21 | 26 8 | 4 27 | 0n30 | 0 46 | 9 46 | 0 15 | 4 26 | 0 29 | 4 11 | 1 2 | 2 39 | 2 32 | 23 40 | 0 19 | 5 48 | 1 41 | 23 48 | 8 44 | 4 21 | 4 27 | 28 2 | 17 33 | 5 53 |
| M19 | 0 58 | 22 58 | 3 45 | 1 26 | 0 36 | 10 15 | 0 12 | 4 45 | 0 29 | 4 5 | 1 2 | 2 41 | 2 32 | 23 40 | 0 19 | 5 47 | 1 41 | 23 48 | 8 44 | 4 21 | 4 28 | 28 2 | 17 33 | 5 53 |
| T 20 | 0 34 | 18 42 | 2 52 | 2 23 | 0 26 | 10 44 | 0 9 | 5 3 | 0 28 | 3 59 | 1 2 | 2 43 | 2 32 | 23 40 | 0 19 | 5 46 | 1 41 | 23 48 | 8 44 | 4 21 | 4 29 | 28 3 | 17 32 | 5 54 |
| W21 | 0 10 | 13 29 | 1 48 | 3 19 | 0 15 | 11 12 | 0 6 | 5 21 | 0 27 | 3 54 | 1 2 | 2 45 | 2 32 | 23 40 | 0 19 | 5 46 | 1 41 | 23 48 | 8 44 | 4 20 | 4 31 | 28 3 | 17 31 | 5 54 |
| T 22 | 0n13 | 7 32 | 0 37 | 4 16 | 0 4 | 11 41 | 0 3 | 5 39 | 0 27 | 3 48 | 1 2 | 2 47 | 2 32 | 23 40 | 0 19 | 5 45 | 1 41 | 23 49 | 8 44 | 4 20 | 4 32 | 28 4 | 17 30 | 5 55 |
| F 23 | 0 37 | 1 6 | 0s37 | 5 12 | 0n 7 | 12 9 | 0n 0 | 5 58 | 0 26 | 3 42 | 1 2 | 2 48 | 2 32 | 23 40 | 0 19 | 5 45 | 1 41 | 23 49 | 8 44 | 4 20 | 4 33 | 28 5 | 17 30 | 5 56 |
| S 24 | 1 1 | 5s31 | 1 51 | 6 8 | 0 19 | 12 37 | 0 3 | 6 16 | 0 25 | 3 37 | 1 2 | 2 50 | 2 32 | 23 40 | 0 19 | 5 44 | 1 41 | 23 49 | 8 44 | 4 20 | 4 34 | 28 5 | 17 29 | 5 56 |
| S 25 | 1 24 | 12 0 | 3 0 | 7 2 | 0 31 | 13 4 | 0 6 | 6 34 | 0 25 | 3 31 | 1 2 | 2 52 | 2 32 | 23 40 | 0 19 | 5 43 | 1 41 | 23 49 | 8 44 | 4 21 | 4 36 | 28 6 | 17 28 | 5 57 |
| M26 | 1 48 | 17 56 | 3 58 | 7 56 | 0 43 | 13 32 | 0 9 | 6 51 | 0 24 | 3 25 | 1 2 | 2 54 | 2 32 | 23 40 | 0 19 | 5 43 | 1 41 | 23 50 | 8 44 | 4 22 | 4 37 | 28 6 | 17 28 | 5 58 |
| T 27 | 2 12 | 22 55 | 4 42 | 8 48 | 0 55 | 13 58 | 0 12 | 7 9 | 0 23 | 3 20 | 1 2 | 2 56 | 2 32 | 23 39 | 0 19 | 5 42 | 1 41 | 23 50 | 8 44 | 4 23 | 4 38 | 28 7 | 17 27 | 5 58 |
| W28 | 2 35 | 26 31 | 5 8 | 9 39 | 1 7 | 14 25 | 0 15 | 7 27 | 0 23 | 3 14 | 1 2 | 2 58 | 2 32 | 23 39 | 0 19 | 5 41 | 1 41 | 23 50 | 8 43 | 4 23 | 4 39 | 28 8 | 17 26 | 5 59 |
| T 29 | 2 58 | 28 23 | 5 15 | 10 28 | 1 19 | 14 51 | 0 18 | 7 45 | 0 22 | 3 8 | 1 2 | 3 0 | 2 32 | 23 39 | 0 19 | 5 41 | 1 41 | 23 50 | 8 43 | 4 24 | 4 41 | 28 8 | 17 26 | 6 0 |
| F 30 | 3 22 | 28 22 | 5 2 | 11 14 | 1 31 | 15 17 | 0 22 | 8 2 | 0 21 | 3 3 | 1 2 | 3 2 | 2 32 | 23 39 | 0 19 | 5 40 | 1 41 | 23 50 | 8 43 | 4 24 | 4 42 | 28 9 | 17 25 | 6 0 |
| S 31 | 3n45 | 26s30 | 4s31 | 11n59 | 1n43 | 15n43 | 0n25 | 8n20 | 0s21 | 2s57 | 1s 3 | 3n 3 | 2n32 | 23n39 | 0n19 | 5s40 | 1n41 | 23n50 | 8n43 | 4s24 | 4s43 | 28n 9 | 17s24 | 6n 1 |

Julian Day Number = 2433706.5, Delta T = 29.38 sec
Ecliptic obliquity = 23°26'54, Nutation = 0°00'04
Ayanamsha: Fagan/Bradley = 24°03'30, Lahiri = 23°10'30


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# ASTRODIENST EPHEMERIS for the year 1951

## APRIL 1951 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 12 34 11 | 10♈27'30 | 3♒27 | 28♈25 | 12♉49 | 22♈58 | 25♓13 | 28°R 6 | 5♋32 | 18°R23 | 17°R37 | 18♓54 | 18♓ 1 | 19♊32 | 2♋42 | S 1 |
| M 2 | 12 38 8 | 11°26'43 | 17°10 | 29°48 | 14° 1 | 23°43 | 25°27 | 28♍ 1 | 5°33 | 18♎21 | 17♌36 | 18°55 | 17°58 | 19°39 | 2°43 | M 2 |
| T 3 | 12 42 4 | 12°25'54 | 0♓42 | 1♉ 6 | 15°13 | 24°28 | 25°41 | 27°57 | 5°34 | 18°20 | 17°35 | 18°57 | 17°55 | 19°46 | 2°44 | T 3 |
| W 4 | 12 46 1 | 13°25'04 | 14° 2 | 2°18 | 16°26 | 25°13 | 25°56 | 27°52 | 5°35 | 18°18 | 17°34 | 18°R58 | 17°52 | 19°53 | 2°45 | W 4 |
| T 5 | 12 49 57 | 14°24'11 | 27° 9 | 3°24 | 17°38 | 25°58 | 26°10 | 27°48 | 5°37 | 18°17 | 17°34 | 18°57 | 17°48 | 19°59 | 2°45 | T 5 |
| F 6 | 12 53 54 | 15°23'17 | 10♈ 4 | 4°24 | 18°50 | 26°43 | 26°24 | 27°43 | 5°38 | 18°15 | 17°33 | 18°56 | 17°45 | 20° 6 | 2°46 | F 6 |
| S 7 | 12 57 50 | 16°22'20 | 22°46 | 5°18 | 20° 2 | 27°28 | 26°38 | 27°39 | 5°39 | 18°13 | 17°32 | 18°53 | 17°42 | 20°13 | 2°46 | S 7 |
| S 8 | 13 1 47 | 17°21'22 | 5♉15 | 6° 6 | 21°14 | 28°13 | 26°52 | 27°35 | 5°40 | 18°12 | 17°32 | 18°49 | 17°39 | 20°19 | 2°47 | S 8 |
| M 9 | 13 5 43 | 18°20'21 | 17°32 | 6°46 | 22°25 | 28°57 | 27° 6 | 27°30 | 5°41 | 18°10 | 17°31 | 18°44 | 17°36 | 20°26 | 2°47 | M 9 |
| T 10 | 13 9 40 | 19°19'18 | 29°40 | 7°21 | 23°37 | 29°42 | 27°20 | 27°26 | 5°43 | 18° 8 | 17°31 | 18°39 | 17°33 | 20°33 | 2°47 | T 10 |
| W11 | 13 13 37 | 20°18'13 | 11♊39 | 7°48 | 24°49 | 0♉27 | 27°34 | 27°22 | 5°44 | 18° 7 | 17°30 | 18°34 | 17°29 | 20°40 | 2°48 | W11 |
| T 12 | 13 17 33 | 21°17'06 | 23°32 | 8° 9 | 26° 0 | 1°11 | 27°48 | 27°18 | 5°46 | 18° 5 | 17°30 | 18°29 | 17°26 | 20°46 | 2°R48 | T 12 |
| F 13 | 13 21 30 | 22°15'57 | 5♋24 | 8°24 | 27°12 | 1°56 | 28° 2 | 27°14 | 5°47 | 18° 3 | 17°29 | 18°26 | 17°23 | 20°53 | 2°48 | F 13 |
| S 14 | 13 25 26 | 23°14'46 | 17°19 | 8°32 | 28°23 | 2°41 | 28°16 | 27°10 | 5°49 | 18° 2 | 17°29 | 18°25 | 17°20 | 21° 0 | 2°48 | S 14 |
| S 15 | 13 29 23 | 24°13'32 | 29°21 | 8°R33 | 29°35 | 3°25 | 28°30 | 27° 6 | 5°50 | 18° 0 | 17°28 | 18°D25 | 17°17 | 21° 7 | 2°47 | S 15 |
| M16 | 13 33 19 | 25°12'16 | 11♌35 | 8°29 | 0♊46 | 4° 9 | 28°43 | 27° 2 | 5°52 | 17°58 | 17°28 | 18°26 | 17°14 | 21°13 | 2°47 | M16 |
| T 17 | 13 37 16 | 26°10'57 | 24° 5 | 8°18 | 1°57 | 4°54 | 28°57 | 26°58 | 5°54 | 17°57 | 17°27 | 18°27 | 17°10 | 21°20 | 2°47 | T 17 |
| W18 | 13 41 12 | 27° 9'37 | 6♍57 | 8° 2 | 3° 8 | 5°38 | 29°11 | 26°54 | 5°56 | 17°55 | 17°27 | 18°29 | 17° 7 | 21°27 | 2°46 | W18 |
| T 19 | 13 45 9 | 28° 8'14 | 20°13 | 7°41 | 4°19 | 6°22 | 29°24 | 26°51 | 5°57 | 17°54 | 17°27 | 18°R29 | 17° 4 | 21°33 | 2°46 | T 19 |
| F 20 | 13 49 6 | 29° 6'49 | 3♎55 | 7°15 | 5°30 | 7° 7 | 29°38 | 26°47 | 5°59 | 17°52 | 17°26 | 18°28 | 17° 1 | 21°40 | 2°45 | F 20 |
| S 21 | 13 53 2 | 0♉ 5'22 | 18° 1 | 6°45 | 6°41 | 7°51 | 29°52 | 26°43 | 6° 1 | 17°50 | 17°26 | 18°25 | 16°58 | 21°47 | 2°44 | S 21 |
| S 22 | 13 56 59 | 1° 3'53 | 2♏29 | 6°11 | 7°51 | 8°35 | 0♈ 5 | 26°40 | 6° 3 | 17°49 | 17°26 | 18°21 | 16°54 | 21°54 | 2°43 | S 22 |
| M23 | 14 0 55 | 2° 2'22 | 17°13 | 5°35 | 9° 2 | 9°19 | 0°19 | 26°36 | 6° 5 | 17°47 | 17°26 | 18°14 | 16°51 | 22° 0 | 2°42 | M23 |
| T 24 | 14 4 52 | 3° 0'50 | 2♐ 4 | 4°56 | 10°13 | 10° 3 | 0°32 | 26°33 | 6° 7 | 17°46 | 17°25 | 18° 8 | 16°48 | 22° 7 | 2°41 | T 24 |
| W25 | 14 8 48 | 3°59'15 | 16°55 | 4°16 | 11°23 | 10°47 | 0°45 | 26°30 | 6° 9 | 17°44 | 17°25 | 18° 1 | 16°45 | 22°14 | 2°40 | W25 |
| T 26 | 14 12 45 | 4°57'40 | 1♑38 | 3°35 | 12°33 | 11°31 | 0°58 | 26°27 | 6°11 | 17°42 | 17°25 | 17°56 | 16°42 | 22°20 | 2°39 | T 26 |
| F 27 | 14 16 41 | 5°56'02 | 16° 6 | 2°55 | 13°43 | 12°15 | 1°12 | 26°24 | 6°13 | 17°41 | 17°25 | 17°52 | 16°39 | 22°27 | 2°38 | F 27 |
| S 28 | 14 20 38 | 6°54'23 | 0♒16 | 2°15 | 14°54 | 12°59 | 1°25 | 26°21 | 6°15 | 17°39 | 17°25 | 17°50 | 16°35 | 22°34 | 2°36 | S 28 |
| S 29 | 14 24 35 | 7°52'43 | 14° 7 | 1°37 | 16° 4 | 13°42 | 1°38 | 26°18 | 6°18 | 17°38 | 17°25 | 17°D50 | 16°32 | 22°41 | 2°35 | S 29 |
| M30 | 14 28 31 | 8♉51'01 | 27♒39 | 1♉ 1 | 17♊14 | 14♉26 | 1♈51 | 26♍15 | 6♋20 | 17♎36 | 17°D25 | 17♓51 | 16♓29 | 22♊47 | 2♋33 | 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 | 4n 9 | 23s 2 | 3s45 | 12n41 | 1n54 | 16n 8 | 0n28 | 8n37 | 0s20 | 2s52 | 1s 3 | 3n 5 | 2n32 | 23n39 | 0n19 | 5s39 | 1n41 | 23n50 | 8n43 | 4s24 | 4s44 | 28n10 | 17s24 | 6n 2 |
| M 2 | 4 32 | 18 20 | 2 46 | 13 21 | 2 4 | 16 33 | 0 31 | 8 54 | 0 19 | 2 46 | 1 3 | 3 7 | 2 32 | 23 39 | 0 19 | 5 38 | 1 41 | 23 51 | 8 43 | 4 23 | 4 46 | 28 10 | 17 23 | 6 2 |
| T 3 | 4 55 | 12 46 | 1 39 | 13 58 | 2 15 | 16 57 | 0 34 | 9 12 | 0 19 | 2 40 | 1 3 | 3 9 | 2 32 | 23 39 | 0 19 | 5 38 | 1 41 | 23 51 | 8 43 | 4 23 | 4 47 | 28 11 | 17 22 | 6 3 |
| W 4 | 5 18 | 6 42 | 0 27 | 14 32 | 2 24 | 17 21 | 0 37 | 9 29 | 0 18 | 2 35 | 1 3 | 3 11 | 2 32 | 23 39 | 0 19 | 5 37 | 1 41 | 23 51 | 8 43 | 4 22 | 4 48 | 28 11 | 17 22 | 6 4 |
| T 5 | 5 41 | 0 27 | 0n45 | 15 3 | 2 33 | 17 45 | 0 40 | 9 46 | 0 17 | 2 29 | 1 3 | 3 12 | 2 32 | 23 39 | 0 19 | 5 36 | 1 41 | 23 51 | 8 42 | 4 22 | 4 49 | 28 12 | 17 21 | 6 4 |
| F 6 | 6 4 | 5n43 | 1 53 | 15 31 | 2 41 | 18 8 | 0 44 | 10 3 | 0 17 | 2 24 | 1 3 | 3 14 | 2 32 | 23 39 | 0 19 | 5 36 | 1 41 | 23 51 | 8 42 | 4 23 | 4 50 | 28 12 | 17 20 | 6 5 |
| S 7 | 6 26 | 11 33 | 2 55 | 15 55 | 2 47 | 18 30 | 0 47 | 10 19 | 0 16 | 2 18 | 1 3 | 3 16 | 2 32 | 23 39 | 0 19 | 5 35 | 1 41 | 23 51 | 8 42 | 4 24 | 4 52 | 28 13 | 17 20 | 6 6 |
| S 8 | 6 49 | 16 50 | 3 47 | 16 17 | 2 53 | 18 52 | 0 50 | 10 36 | 0 15 | 2 13 | 1 3 | 3 17 | 2 32 | 23 39 | 0 19 | 5 35 | 1 41 | 23 51 | 8 42 | 4 26 | 4 53 | 28 13 | 17 19 | 6 6 |
| M 9 | 7 12 | 21 20 | 4 27 | 16 35 | 2 58 | 19 14 | 0 53 | 10 53 | 0 15 | 2 7 | 1 3 | 3 19 | 2 32 | 23 39 | 0 19 | 5 34 | 1 41 | 23 51 | 8 42 | 4 28 | 4 54 | 28 14 | 17 18 | 6 7 |
| T 10 | 7 34 | 24 53 | 4 55 | 16 50 | 3 2 | 19 35 | 0 56 | 11 9 | 0 14 | 2 2 | 1 3 | 3 21 | 2 32 | 23 39 | 0 19 | 5 33 | 1 41 | 23 51 | 8 42 | 4 30 | 4 55 | 28 14 | 17 18 | 6 8 |
| W11 | 7 56 | 27 18 | 5 9 | 17 2 | 3 5 | 19 56 | 0 59 | 11 25 | 0 13 | 1 56 | 1 3 | 3 22 | 2 32 | 23 39 | 0 19 | 5 33 | 1 41 | 23 51 | 8 42 | 4 32 | 4 57 | 28 15 | 17 17 | 6 8 |
| T 12 | 8 18 | 28 27 | 5 10 | 17 10 | 3 6 | 20 16 | 1 2 | 11 42 | 0 13 | 1 51 | 1 4 | 3 24 | 2 32 | 23 39 | 0 19 | 5 32 | 1 41 | 23 51 | 8 41 | 4 33 | 4 58 | 28 15 | 17 16 | 6 9 |
| F 13 | 8 40 | 28 18 | 4 58 | 17 14 | 3 6 | 20 36 | 1 5 | 11 58 | 0 12 | 1 45 | 1 4 | 3 25 | 2 32 | 23 39 | 0 19 | 5 31 | 1 41 | 23 51 | 8 41 | 4 34 | 4 59 | 28 15 | 17 16 | 6 10 |
| S 14 | 9 2 | 26 50 | 4 33 | 17 16 | 3 5 | 20 55 | 1 8 | 12 14 | 0 12 | 1 40 | 1 4 | 3 27 | 2 32 | 23 38 | 0 19 | 5 31 | 1 41 | 23 51 | 8 41 | 4 35 | 5 0 | 28 16 | 17 15 | 6 10 |
| S 15 | 9 24 | 24 8 | 3 56 | 17 14 | 3 2 | 21 14 | 1 11 | 12 29 | 0 11 | 1 34 | 1 4 | 3 28 | 2 32 | 23 38 | 0 19 | 5 30 | 1 41 | 23 51 | 8 41 | 4 35 | 5 2 | 28 16 | 17 14 | 6 11 |
| M16 | 9 45 | 20 19 | 3 7 | 17 8 | 2 58 | 21 32 | 1 14 | 12 45 | 0 10 | 1 29 | 1 4 | 3 30 | 2 31 | 23 38 | 0 19 | 5 30 | 1 41 | 23 51 | 8 41 | 4 35 | 5 3 | 28 17 | 17 14 | 6 12 |
| T 17 | 10 7 | 15 31 | 2 9 | 16 59 | 2 52 | 21 49 | 1 17 | 13 1 | 0 10 | 1 24 | 1 4 | 3 31 | 2 31 | 23 38 | 0 19 | 5 29 | 1 41 | 23 51 | 8 41 | 4 34 | 5 4 | 28 17 | 17 13 | 6 12 |
| W18 | 10 28 | 9 56 | 1 2 | 16 47 | 2 45 | 22 6 | 1 20 | 13 16 | 0 9 | 1 18 | 1 4 | 3 33 | 2 31 | 23 38 | 0 19 | 5 28 | 1 41 | 23 51 | 8 41 | 4 34 | 5 5 | 28 18 | 17 12 | 6 13 |
| T 19 | 10 49 | 3 44 | 0s 9 | 16 32 | 2 36 | 22 23 | 1 23 | 13 31 | 0 8 | 1 13 | 1 4 | 3 34 | 2 31 | 23 38 | 0 19 | 5 28 | 1 41 | 23 51 | 8 40 | 4 33 | 5 7 | 28 18 | 17 12 | 6 14 |
| F 20 | 11 10 | 2s49 | 1 23 | 16 14 | 2 26 | 22 38 | 1 26 | 13 46 | 0 8 | 1 8 | 1 4 | 3 35 | 2 31 | 23 38 | 0 19 | 5 27 | 1 41 | 23 51 | 8 40 | 4 34 | 5 8 | 28 18 | 17 11 | 6 14 |
| S 21 | 11 30 | 9 26 | 2 33 | 15 54 | 2 15 | 22 54 | 1 29 | 14 1 | 0 7 | 1 2 | 1 4 | 3 37 | 2 31 | 23 38 | 0 19 | 5 26 | 1 41 | 23 51 | 8 40 | 4 35 | 5 9 | 28 19 | 17 10 | 6 15 |
| S 22 | 11 51 | 15 42 | 3 35 | 15 31 | 2 3 | 23 8 | 1 32 | 14 16 | 0 6 | 0 57 | 1 5 | 3 38 | 2 31 | 23 38 | 0 19 | 5 26 | 1 41 | 23 51 | 8 40 | 4 37 | 5 10 | 28 19 | 17 10 | 6 16 |
| M23 | 12 11 | 21 12 | 4 24 | 15 6 | 1 49 | 23 22 | 1 35 | 14 31 | 0 6 | 0 52 | 1 5 | 3 39 | 2 31 | 23 38 | 0 19 | 5 25 | 1 41 | 23 51 | 8 40 | 4 39 | 5 12 | 28 19 | 17 9 | 6 16 |
| T 24 | 12 31 | 25 25 | 4 56 | 14 39 | 1 34 | 23 36 | 1 37 | 14 45 | 0 5 | 0 47 | 1 5 | 3 40 | 2 31 | 23 38 | 0 19 | 5 25 | 1 41 | 23 51 | 8 40 | 4 42 | 5 13 | 28 20 | 17 9 | 6 17 |
| W25 | 12 51 | 27 55 | 5 8 | 14 11 | 1 19 | 23 48 | 1 40 | 15 0 | 0 4 | 0 42 | 1 5 | 3 42 | 2 30 | 23 37 | 0 19 | 5 24 | 1 41 | 23 51 | 8 39 | 4 44 | 5 14 | 28 20 | 17 8 | 6 17 |
| T 26 | 13 11 | 28 25 | 4 59 | 13 42 | 1 3 | 24 0 | 1 43 | 15 14 | 0 4 | 0 36 | 1 5 | 3 43 | 2 30 | 23 37 | 0 19 | 5 23 | 1 41 | 23 51 | 8 39 | 4 46 | 5 15 | 28 20 | 17 7 | 6 18 |
| F 27 | 13 30 | 26 58 | 4 32 | 13 12 | 0 46 | 24 12 | 1 45 | 15 28 | 0 3 | 0 31 | 1 5 | 3 44 | 2 30 | 23 37 | 0 19 | 5 23 | 1 41 | 23 50 | 8 39 | 4 48 | 5 16 | 28 21 | 17 7 | 6 19 |
| S 28 | 13 49 | 23 48 | 3 48 | 12 43 | 0 29 | 24 23 | 1 48 | 15 42 | 0 2 | 0 26 | 1 5 | 3 45 | 2 30 | 23 37 | 0 19 | 5 22 | 1 41 | 23 50 | 8 39 | 4 49 | 5 18 | 28 21 | 17 6 | 6 19 |
| S 29 | 14 8 | 19 20 | 2 51 | 12 13 | 0 12 | 24 33 | 1 50 | 15 56 | 0 2 | 0 21 | 1 5 | 3 46 | 2 30 | 23 37 | 0 19 | 5 22 | 1 41 | 23 50 | 8 39 | 4 49 | 5 19 | 28 21 | 17 6 | 6 20 |
| M30 | 14n27 | 13s58 | 1s47 | 11n45 | 0s 5 | 24n42 | 1n53 | 16n10 | 0s 1 | 0s16 | 1s 6 | 3n47 | 2n30 | 23n37 | 0n19 | 5s21 | 1n41 | 23n50 | 8n39 | 4s48 | 5s20 | 28n21 | 17s 5 | 6n20 |

Julian Day Number = 2433737.5, Delta T = 29.42 sec
Ecliptic obliquity = 23°26'54, Nutation = 0°00'03
Ayanamsha: Fagan/Bradley = 24°03'34, Lahiri = 23°10'34


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## MAY 1951 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 14 32 28 | 9♉49'17 | 10♓54 | 0°R27 | 18♊23 | 15♉10 | 2♈ 4 | 26°R12 | 6♋22 | 17°R35 | 17♑25 | 17♓52 | 16♓26 | 22♊54 | 2°R32 | T 1 |
| W 2 | 14 36 24 | 10°47'32 | 23°53 | 29♈57 | 19°33 | 15°53 | 2°17 | 26♍ 9 | 6°25 | 17♎33 | 17°25 | 17°R52 | 16°23 | 23° 1 | 2♐30 | W 2 |
| T 3 | 14 40 21 | 11°45'45 | 6♈40 | 29°30 | 20°43 | 16°37 | 2°30 | 26° 7 | 6°27 | 17°32 | 17°25 | 17°50 | 16°20 | 23° 8 | 2°28 | T 3 |
| F 4 | 14 44 17 | 12°43'57 | 19°15 | 29° 8 | 21°52 | 17°20 | 2°42 | 26° 4 | 6°29 | 17°30 | 17°25 | 17°46 | 16°16 | 23°14 | 2°27 | F 4 |
| S 5 | 14 48 14 | 13°42'07 | 1♉40 | 28°49 | 23° 1 | 18° 4 | 2°55 | 26° 2 | 6°32 | 17°29 | 17°25 | 17°40 | 16°13 | 23°21 | 2°25 | S 5 |
| S 6 | 14 52 10 | 14°40'15 | 13°56 | 28°35 | 24°11 | 18°47 | 3° 8 | 25°59 | 6°34 | 17°27 | 17°25 | 17°31 | 16°10 | 23°28 | 2°23 | S 6 |
| M 7 | 14 56 7 | 15°38'22 | 26° 4 | 28°26 | 25°20 | 19°31 | 3°20 | 25°57 | 6°37 | 17°26 | 17°26 | 17°20 | 16° 7 | 23°34 | 2°21 | M 7 |
| T 8 | 15 0 4 | 16°36'27 | 8♊ 5 | 28°D21 | 26°29 | 20°14 | 3°33 | 25°55 | 6°40 | 17°25 | 17°26 | 17° 9 | 16° 4 | 23°41 | 2°18 | T 8 |
| W 9 | 15 4 0 | 17°34'31 | 20° 0 | 28°21 | 27°38 | 20°57 | 3°45 | 25°53 | 6°42 | 17°23 | 17°26 | 16°58 | 16° 0 | 23°48 | 2°16 | W 9 |
| T 10 | 15 7 57 | 18°32'32 | 1♋52 | 28°26 | 28°47 | 21°41 | 3°58 | 25°51 | 6°45 | 17°22 | 17°26 | 16°48 | 15°57 | 23°55 | 2°14 | T 10 |
| F 11 | 15 11 53 | 19°30'32 | 13°43 | 28°36 | 29°55 | 22°24 | 4°10 | 25°49 | 6°48 | 17°21 | 17°27 | 16°40 | 15°54 | 24° 1 | 2°12 | F 11 |
| S 12 | 15 15 50 | 20°28'30 | 25°36 | 28°49 | 1♋ 4 | 23° 7 | 4°22 | 25°47 | 6°50 | 17°19 | 17°27 | 16°35 | 15°51 | 24° 8 | 2° 9 | S 12 |
| S 13 | 15 19 46 | 21°26'27 | 7♌36 | 29° 8 | 2°12 | 23°50 | 4°34 | 25°46 | 6°53 | 17°18 | 17°27 | 16°32 | 15°48 | 24°15 | 2° 7 | S 13 |
| M14 | 15 23 43 | 22°24'21 | 19°47 | 29°31 | 3°20 | 24°33 | 4°46 | 25°44 | 6°56 | 17°17 | 17°28 | 16°D31 | 15°45 | 24°21 | 2° 4 | M14 |
| T 15 | 15 27 39 | 23°22'14 | 2♍14 | 29°58 | 4°28 | 25°16 | 4°58 | 25°43 | 6°59 | 17°15 | 17°28 | 16°31 | 15°41 | 24°28 | 2° 1 | T 15 |
| W16 | 15 31 36 | 24°20'05 | 15° 2 | 0♉29 | 5°36 | 25°59 | 5°10 | 25°41 | 7° 1 | 17°14 | 17°28 | 16°R32 | 15°38 | 24°35 | 1°59 | W16 |
| T 17 | 15 35 33 | 25°17'54 | 28°16 | 1° 5 | 6°44 | 26°42 | 5°22 | 25°40 | 7° 4 | 17°13 | 17°29 | 16°31 | 15°35 | 24°42 | 1°56 | T 17 |
| F 18 | 15 39 29 | 26°15'41 | 11♎58 | 1°44 | 7°52 | 27°24 | 5°34 | 25°39 | 7° 7 | 17°12 | 17°29 | 16°29 | 15°32 | 24°48 | 1°53 | F 18 |
| S 19 | 15 43 26 | 27°13'27 | 26° 9 | 2°27 | 8°59 | 28° 7 | 5°45 | 25°38 | 7°10 | 17°11 | 17°30 | 16°24 | 15°29 | 24°55 | 1°50 | S 19 |
| S 20 | 15 47 22 | 28°11'11 | 10♏47 | 3°13 | 10° 6 | 28°50 | 5°57 | 25°37 | 7°13 | 17° 9 | 17°30 | 16°17 | 15°26 | 25° 2 | 1°47 | S 20 |
| M21 | 15 51 19 | 29° 8'54 | 25°45 | 4° 3 | 11°14 | 29°32 | 6° 8 | 25°36 | 7°16 | 17° 8 | 17°31 | 16° 8 | 15°22 | 25° 9 | 1°44 | M21 |
| T 22 | 15 55 15 | 0♊ 6'36 | 10♐56 | 4°57 | 12°21 | 0♊15 | 6°19 | 25°35 | 7°19 | 17° 7 | 17°32 | 15°57 | 15°19 | 25°15 | 1°41 | T 22 |
| W23 | 15 59 12 | 1° 4'16 | 26° 9 | 5°54 | 13°27 | 0°58 | 6°31 | 25°34 | 7°22 | 17° 6 | 17°32 | 15°47 | 15°16 | 25°22 | 1°38 | W23 |
| T 24 | 16 3 9 | 2° 1'55 | 11♑12 | 6°54 | 14°34 | 1°40 | 6°42 | 25°34 | 7°25 | 17° 5 | 17°33 | 15°39 | 15°13 | 25°29 | 1°35 | T 24 |
| F 25 | 16 7 5 | 2°59'33 | 25°57 | 7°57 | 15°40 | 2°22 | 6°53 | 25°33 | 7°28 | 17° 4 | 17°34 | 15°32 | 15°10 | 25°35 | 1°31 | F 25 |
| S 26 | 16 11 2 | 3°57'11 | 10♒19 | 9° 3 | 16°47 | 3° 5 | 7° 4 | 25°33 | 7°32 | 17° 3 | 17°34 | 15°28 | 15° 6 | 25°42 | 1°28 | S 26 |
| S 27 | 16 14 58 | 4°54'47 | 24°16 | 10°13 | 17°53 | 3°47 | 7°15 | 25°33 | 7°35 | 17° 2 | 17°35 | 15°27 | 15° 3 | 25°49 | 1°25 | S 27 |
| M28 | 16 18 55 | 5°52'22 | 7♓48 | 11°25 | 18°59 | 4°29 | 7°25 | 25°32 | 7°38 | 17° 1 | 17°36 | 15°26 | 15° 0 | 25°56 | 1°21 | M28 |
| T 29 | 16 22 51 | 6°49'56 | 20°57 | 12°40 | 20° 4 | 5°12 | 7°36 | 25°D32 | 7°41 | 17° 0 | 17°36 | 15°26 | 14°57 | 26° 2 | 1°18 | T 29 |
| W30 | 16 26 48 | 7°47'29 | 3♈46 | 13°57 | 21°10 | 5°54 | 7°47 | 25°32 | 7°44 | 16°59 | 17°37 | 15°25 | 14°54 | 26° 9 | 1°14 | W30 |
| T 31 | 16 30 44 | 8♊45'02 | 16♈20 | 15♉18 | 22♋15 | 6♊36 | 7♈57 | 25♍33 | 7♋48 | 16♎58 | 17♑38 | 15♓22 | 14♓51 | 26♊16 | 1♐11 | 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 | 14n46 | 8s 4 | 0s37 | 11n17 | 0s22 | 24n51 | 1n55 | 16n23 | 0s 0 | 0s11 | 1s 6 | 3n48 | 2n30 | 23n37 | 0n19 | 5s21 | 1n41 | 23n50 | 8n38 | 4s48 | 5s21 | 28n22 | 17s 4 | 6n21 |
| W 2 | 15 4 | 1 56 | 0n32 | 10 51 | 0 39 | 24 59 | 1 57 | 16 36 | 0n 0 | 0 6 | 1 6 | 3 49 | 2 29 | 23 37 | 0 19 | 5 20 | 1 41 | 23 50 | 8 38 | 4 48 | 5 23 | 28 22 | 17 4 | 6 22 |
| T 3 | 15 22 | 4n10 | 1 39 | 10 26 | 0 55 | 25 7 | 2 0 | 16 49 | 0 1 | 0 1 | 1 6 | 3 50 | 2 29 | 23 37 | 0 19 | 5 20 | 1 41 | 23 49 | 8 38 | 4 48 | 5 24 | 28 22 | 17 3 | 6 22 |
| F 4 | 15 40 | 10 0 | 2 40 | 10 4 | 1 11 | 25 14 | 2 2 | 17 2 | 0 2 | 0n 4 | 1 6 | 3 51 | 2 29 | 23 36 | 0 19 | 5 19 | 1 41 | 23 49 | 8 38 | 4 50 | 5 25 | 28 23 | 17 3 | 6 23 |
| S 5 | 15 57 | 15 22 | 3 32 | 9 43 | 1 26 | 25 20 | 2 4 | 17 15 | 0 2 | 0 9 | 1 6 | 3 51 | 2 29 | 23 36 | 0 19 | 5 18 | 1 41 | 23 49 | 8 38 | 4 53 | 5 26 | 28 23 | 17 2 | 6 23 |
| S 6 | 16 15 | 20 3 | 4 14 | 9 25 | 1 40 | 25 25 | 2 6 | 17 28 | 0 3 | 0 14 | 1 6 | 3 52 | 2 29 | 23 36 | 0 19 | 5 18 | 1 41 | 23 49 | 8 38 | 4 56 | 5 28 | 28 23 | 17 2 | 6 24 |
| M 7 | 16 32 | 23 51 | 4 43 | 9 9 | 1 54 | 25 30 | 2 8 | 17 40 | 0 3 | 0 19 | 1 7 | 3 53 | 2 29 | 23 36 | 0 19 | 5 17 | 1 41 | 23 49 | 8 37 | 5 0 | 5 29 | 28 23 | 17 1 | 6 25 |
| T 8 | 16 48 | 26 35 | 5 0 | 8 55 | 2 6 | 25 34 | 2 10 | 17 53 | 0 4 | 0 23 | 1 7 | 3 54 | 2 28 | 23 36 | 0 19 | 5 17 | 1 41 | 23 48 | 8 37 | 5 5 | 5 30 | 28 23 | 17 1 | 6 25 |
| W 9 | 17 5 | 28 6 | 5 3 | 8 45 | 2 18 | 25 37 | 2 12 | 18 5 | 0 5 | 0 28 | 1 7 | 3 54 | 2 28 | 23 36 | 0 19 | 5 16 | 1 41 | 23 48 | 8 37 | 5 9 | 5 31 | 28 24 | 17 0 | 6 26 |
| T 10 | 17 21 | 28 19 | 4 53 | 8 36 | 2 29 | 25 40 | 2 14 | 18 17 | 0 5 | 0 33 | 1 7 | 3 55 | 2 28 | 23 36 | 0 19 | 5 16 | 1 41 | 23 48 | 8 37 | 5 13 | 5 32 | 28 24 | 17 0 | 6 26 |
| F 11 | 17 37 | 27 14 | 4 31 | 8 30 | 2 39 | 25 42 | 2 15 | 18 28 | 0 6 | 0 38 | 1 7 | 3 55 | 2 28 | 23 36 | 0 19 | 5 15 | 1 41 | 23 48 | 8 37 | 5 16 | 5 34 | 28 24 | 16 59 | 6 27 |
| S 12 | 17 52 | 24 54 | 3 56 | 8 27 | 2 48 | 25 44 | 2 17 | 18 40 | 0 7 | 0 42 | 1 7 | 3 56 | 2 28 | 23 35 | 0 19 | 5 15 | 1 41 | 23 47 | 8 37 | 5 18 | 5 35 | 28 24 | 16 59 | 6 27 |
| S 13 | 18 8 | 21 28 | 3 12 | 8 26 | 2 55 | 25 44 | 2 18 | 18 51 | 0 7 | 0 47 | 1 7 | 3 56 | 2 27 | 23 35 | 0 19 | 5 14 | 1 41 | 23 47 | 8 36 | 5 19 | 5 36 | 28 24 | 16 58 | 6 28 |
| M14 | 18 23 | 17 3 | 2 17 | 8 27 | 3 2 | 25 44 | 2 20 | 19 2 | 0 8 | 0 52 | 1 8 | 3 57 | 2 27 | 23 35 | 0 19 | 5 14 | 1 41 | 23 47 | 8 36 | 5 19 | 5 37 | 28 25 | 16 58 | 6 28 |
| T 15 | 18 37 | 11 51 | 1 15 | 8 31 | 3 9 | 25 43 | 2 21 | 19 13 | 0 8 | 0 56 | 1 8 | 3 57 | 2 27 | 23 35 | 0 19 | 5 14 | 1 41 | 23 47 | 8 36 | 5 19 | 5 39 | 28 25 | 16 57 | 6 29 |
| W16 | 18 52 | 6 1 | 0 8 | 8 37 | 3 14 | 25 42 | 2 22 | 19 24 | 0 9 | 1 1 | 1 8 | 3 58 | 2 27 | 23 35 | 0 19 | 5 13 | 1 41 | 23 46 | 8 36 | 5 19 | 5 40 | 28 25 | 16 57 | 6 29 |
| T 17 | 19 6 | 0s15 | 1s 2 | 8 45 | 3 18 | 25 40 | 2 24 | 19 35 | 0 10 | 1 5 | 1 8 | 3 58 | 2 27 | 23 35 | 0 19 | 5 13 | 1 41 | 23 46 | 8 36 | 5 19 | 5 41 | 28 25 | 16 56 | 6 30 |
| F 18 | 19 19 | 6 44 | 2 11 | 8 56 | 3 21 | 25 37 | 2 25 | 19 45 | 0 10 | 1 10 | 1 8 | 3 58 | 2 27 | 23 34 | 0 19 | 5 12 | 1 41 | 23 46 | 8 35 | 5 20 | 5 42 | 28 25 | 16 56 | 6 30 |
| S 19 | 19 33 | 13 6 | 3 14 | 9 8 | 3 24 | 25 34 | 2 26 | 19 56 | 0 11 | 1 14 | 1 8 | 3 59 | 2 26 | 23 34 | 0 19 | 5 12 | 1 41 | 23 45 | 8 35 | 5 22 | 5 44 | 28 25 | 16 55 | 6 31 |
| S 20 | 19 46 | 18 57 | 4 6 | 9 22 | 3 26 | 25 30 | 2 27 | 20 6 | 0 12 | 1 19 | 1 9 | 3 59 | 2 26 | 23 34 | 0 19 | 5 11 | 1 41 | 23 45 | 8 35 | 5 25 | 5 45 | 28 25 | 16 55 | 6 31 |
| M21 | 19 58 | 23 47 | 4 43 | 9 38 | 3 27 | 25 25 | 2 27 | 20 16 | 0 12 | 1 23 | 1 9 | 3 59 | 2 26 | 23 34 | 0 19 | 5 11 | 1 41 | 23 45 | 8 35 | 5 29 | 5 46 | 28 26 | 16 55 | 6 32 |
| T 22 | 20 11 | 27 2 | 5 0 | 9 56 | 3 27 | 25 20 | 2 28 | 20 25 | 0 13 | 1 27 | 1 9 | 3 59 | 2 26 | 23 34 | 0 19 | 5 11 | 1 41 | 23 44 | 8 35 | 5 33 | 5 47 | 28 26 | 16 54 | 6 32 |
| W23 | 20 23 | 28 20 | 4 56 | 10 15 | 3 26 | 25 14 | 2 29 | 20 35 | 0 13 | 1 32 | 1 9 | 3 59 | 2 26 | 23 34 | 0 19 | 5 10 | 1 41 | 23 44 | 8 35 | 5 36 | 5 48 | 28 26 | 16 54 | 6 33 |
| T 24 | 20 35 | 27 30 | 4 32 | 10 36 | 3 25 | 25 7 | 2 29 | 20 44 | 0 14 | 1 36 | 1 9 | 3 59 | 2 25 | 23 33 | 0 19 | 5 10 | 1 41 | 23 44 | 8 35 | 5 40 | 5 50 | 28 26 | 16 53 | 6 33 |
| F 25 | 20 46 | 24 44 | 3 50 | 10 58 | 3 23 | 25 0 | 2 30 | 20 53 | 0 15 | 1 40 | 1 10 | 3 59 | 2 25 | 23 33 | 0 19 | 5 9 | 1 41 | 23 43 | 8 34 | 5 42 | 5 51 | 28 26 | 16 53 | 6 33 |
| S 26 | 20 57 | 20 27 | 2 54 | 11 21 | 3 20 | 24 52 | 2 30 | 21 2 | 0 15 | 1 44 | 1 10 | 3 59 | 2 25 | 23 33 | 0 19 | 5 9 | 1 40 | 23 43 | 8 34 | 5 44 | 5 52 | 28 26 | 16 53 | 6 34 |
| S 27 | 21 7 | 15 9 | 1 49 | 11 46 | 3 17 | 24 44 | 2 30 | 21 11 | 0 16 | 1 48 | 1 10 | 3 59 | 2 25 | 23 33 | 0 19 | 5 9 | 1 40 | 23 42 | 8 34 | 5 44 | 5 53 | 28 26 | 16 52 | 6 34 |
| M28 | 21 18 | 9 16 | 0 40 | 12 12 | 3 13 | 24 35 | 2 30 | 21 19 | 0 16 | 1 52 | 1 10 | 3 59 | 2 24 | 23 33 | 0 19 | 5 8 | 1 40 | 23 42 | 8 34 | 5 45 | 5 55 | 28 26 | 16 52 | 6 35 |
| T 29 | 21 28 | 3 9 | 0n29 | 12 39 | 3 8 | 24 25 | 2 30 | 21 27 | 0 17 | 1 56 | 1 10 | 3 59 | 2 24 | 23 33 | 0 19 | 5 8 | 1 40 | 23 42 | 8 34 | 5 45 | 5 56 | 28 26 | 16 52 | 6 35 |
| W30 | 21 37 | 2n57 | 1 35 | 13 7 | 3 3 | 24 15 | 2 30 | 21 35 | 0 18 | 2 0 | 1 10 | 3 59 | 2 24 | 23 32 | 0 19 | 5 8 | 1 40 | 23 41 | 8 34 | 5 45 | 5 57 | 28 26 | 16 51 | 6 35 |
| T 31 | 21n46 | 8n49 | 2n35 | 13n36 | 2s57 | 24n 4 | 2n29 | 21n43 | 0n18 | 2n 4 | 1s11 | 3n58 | 2n24 | 23n32 | 0n19 | 5s 8 | 1n40 | 23n41 | 8n33 | 5s46 | 5s58 | 28n26 | 16s51 | 6n36 |

Julian Day Number = 2433767.5, Delta T = 29.45 sec
Ecliptic obliquity = 23°26'53, Nutation = 0°00'03
Ayanamsha: Fagan/Bradley = 24°03'38, Lahiri = 23°10'38


created from Swiss Ephemeris, Copyright Astrodienst AG [14.2.2018]

## JUNE 1951 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 16 34 41 | 9♊42'34 | 28♈42 | 16♉41 | 23♋20 | 7♊18 | 8♈ 7 | 25♍33 | 7♋51 | 16°R57 | 17♌39 | 15°R17 | 14♓47 | 26♊22 | 1°R 7 | F 1 |
| S 2 | 16 38 38 | 10°40'04 | 10♉54 | 18° 7 | 24°25 | 8° 0 | 8°18 | 25°33 | 7°54 | 16♎57 | 17°40 | 15♓ 8 | 14°44 | 26°29 | 1♂ 4 | S 2 |
| S 3 | 16 42 34 | 11°37'34 | 22°59 | 19°35 | 25°30 | 8°42 | 8°28 | 25°34 | 7°58 | 16°56 | 17°41 | 14°57 | 14°41 | 26°36 | 1° 0 | S 3 |
| M 4 | 16 46 31 | 12°35'03 | 4♊58 | 21° 7 | 26°34 | 9°24 | 8°38 | 25°34 | 8° 1 | 16°55 | 17°42 | 14°44 | 14°38 | 26°43 | 0°56 | M 4 |
| T 5 | 16 50 27 | 13°32'32 | 16°53 | 22°40 | 27°39 | 10° 6 | 8°48 | 25°35 | 8° 4 | 16°54 | 17°43 | 14°30 | 14°35 | 26°49 | 0°53 | T 5 |
| W 6 | 16 54 24 | 14°29'59 | 28°45 | 24°17 | 28°43 | 10°48 | 8°57 | 25°36 | 8° 8 | 16°53 | 17°44 | 14°16 | 14°32 | 26°56 | 0°49 | W 6 |
| T 7 | 16 58 20 | 15°27'25 | 10♋36 | 25°56 | 29°46 | 11°30 | 9° 7 | 25°36 | 8°11 | 16°53 | 17°45 | 14° 4 | 14°28 | 27° 3 | 0°45 | T 7 |
| F 8 | 17 2 17 | 16°24'50 | 22°28 | 27°37 | 0♌50 | 12°12 | 9°17 | 25°37 | 8°14 | 16°52 | 17°46 | 13°53 | 14°25 | 27°10 | 0°41 | F 8 |
| S 9 | 17 6 13 | 17°22'15 | 4♌23 | 29°22 | 1°53 | 12°53 | 9°26 | 25°38 | 8°18 | 16°51 | 17°47 | 13°46 | 14°22 | 27°16 | 0°38 | S 9 |
| S 10 | 17 10 10 | 18°19'38 | 16°24 | 1♊ 8 | 2°56 | 13°35 | 9°35 | 25°40 | 8°21 | 16°51 | 17°48 | 13°41 | 14°19 | 27°23 | 0°34 | S 10 |
| M11 | 17 14 7 | 19°17'00 | 28°35 | 2°57 | 3°59 | 14°17 | 9°45 | 25°41 | 8°25 | 16°50 | 17°49 | 13°39 | 14°16 | 27°30 | 0°30 | M11 |
| T 12 | 17 18 3 | 20°14'21 | 11♍ 0 | 4°49 | 5° 1 | 14°58 | 9°54 | 25°42 | 8°28 | 16°50 | 17°50 | 13°D38 | 14°12 | 27°36 | 0°26 | T 12 |
| W13 | 17 22 0 | 21°11'41 | 23°45 | 6°43 | 6° 3 | 15°40 | 10° 2 | 25°44 | 8°32 | 16°49 | 17°51 | 13°R38 | 14° 9 | 27°43 | 0°22 | W13 |
| T 14 | 17 25 56 | 22° 9'00 | 6♎54 | 8°39 | 7° 5 | 16°21 | 10°11 | 25°45 | 8°35 | 16°49 | 17°52 | 13°38 | 14° 6 | 27°50 | 0°18 | T 14 |
| F 15 | 17 29 53 | 23° 6'18 | 20°30 | 10°38 | 8° 7 | 17° 2 | 10°20 | 25°47 | 8°39 | 16°48 | 17°53 | 13°36 | 14° 3 | 27°57 | 0°14 | F 15 |
| S 16 | 17 33 49 | 24° 3'36 | 4♏35 | 12°39 | 9° 8 | 17°44 | 10°28 | 25°49 | 8°42 | 16°48 | 17°55 | 13°31 | 14° 0 | 28° 3 | 0°10 | S 16 |
| S 17 | 17 37 46 | 25° 0'52 | 19° 9 | 14°42 | 10° 9 | 18°25 | 10°37 | 25°51 | 8°46 | 16°48 | 17°56 | 13°24 | 13°57 | 28°10 | 0° 6 | S 17 |
| M18 | 17 41 42 | 25°58'08 | 4♐ 8 | 16°47 | 11° 9 | 19° 6 | 10°45 | 25°53 | 8°49 | 16°47 | 17°57 | 13°15 | 13°53 | 28°17 | 0° 2 | M18 |
| T 19 | 17 45 39 | 26°55'23 | 19°22 | 18°53 | 12° 9 | 19°48 | 10°53 | 25°55 | 8°53 | 16°47 | 17°58 | 13° 5 | 13°50 | 28°23 | 29♐58 | T 19 |
| W20 | 17 49 36 | 27°52'38 | 4♑43 | 21° 1 | 13° 9 | 20°29 | 11° 1 | 25°57 | 8°56 | 16°47 | 18° 0 | 12°55 | 13°47 | 28°30 | 29°54 | W20 |
| T 21 | 17 53 32 | 28°49'52 | 19°57 | 23°10 | 14° 9 | 21°10 | 11° 9 | 25°59 | 9° 0 | 16°46 | 18° 1 | 12°46 | 13°44 | 28°37 | 29°50 | T 21 |
| F 22 | 17 57 29 | 29°47'06 | 4♒55 | 25°20 | 15° 8 | 21°51 | 11°17 | 26° 1 | 9° 4 | 16°46 | 18° 2 | 12°39 | 13°41 | 28°44 | 29°46 | F 22 |
| S 23 | 18 1 25 | 0♋44'19 | 19°29 | 27°31 | 16° 6 | 22°32 | 11°24 | 26° 4 | 9° 7 | 16°46 | 18° 3 | 12°35 | 13°38 | 28°50 | 29°42 | S 23 |
| S 24 | 18 5 22 | 1°41'32 | 3♓35 | 29°42 | 17° 5 | 23°13 | 11°32 | 26° 6 | 9°11 | 16°46 | 18° 5 | 12°33 | 13°34 | 28°57 | 29°38 | S 24 |
| M25 | 18 9 18 | 2°38'45 | 17°14 | 1♋54 | 18° 2 | 23°54 | 11°39 | 26° 9 | 9°14 | 16°46 | 18° 6 | 12°D33 | 13°31 | 29° 4 | 29°34 | M25 |
| T 26 | 18 13 15 | 3°35'59 | 0♈25 | 4° 5 | 19° 0 | 24°35 | 11°46 | 26°12 | 9°18 | 16°45 | 18° 8 | 12°R34 | 13°28 | 29°10 | 29°30 | T 26 |
| W27 | 18 17 11 | 4°33'12 | 13°14 | 6°16 | 19°57 | 25°16 | 11°53 | 26°14 | 9°22 | 16°45 | 18° 9 | 12°33 | 13°25 | 29°17 | 29°26 | W27 |
| T 28 | 18 21 8 | 5°30'25 | 25°45 | 8°26 | 20°53 | 25°57 | 12° 0 | 26°17 | 9°25 | 16°45 | 18°10 | 12°31 | 13°22 | 29°24 | 29°22 | T 28 |
| F 29 | 18 25 5 | 6°27'38 | 8♉ 0 | 10°36 | 21°49 | 26°37 | 12° 6 | 26°20 | 9°29 | 16°D45 | 18°12 | 12°27 | 13°18 | 29°31 | 29°18 | F 29 |
| S 30 | 18 29 1 | 7♋24'51 | 20♉ 6 | 12♋44 | 22♌45 | 27♊18 | 12♈13 | 26♍23 | 9♋32 | 16♎45 | 18♌13 | 12♓21 | 13♓15 | 29♊37 | 29♐15 | S 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 21n55 | 14n14 | 3n27 | 14n 6 | 2s50 | 23n53 | 2n29 | 21n51 | 0n19 | 2n 8 | 1s11 | 3n58 | 2n24 | 23n32 | 0n19 | 5s 7 | 1n40 | 23n40 | 8n33 | 5s48 | 6s 0 | 28n26 | 16s51 | 6n36 |
| S 2 | 22 3 | 19 2 | 4 8 | 14 37 | 2 44 | 23 41 | 2 28 | 21 58 | 0 20 | 2 12 | 1 11 | 3 58 | 2 23 | 23 32 | 0 19 | 5 7 | 1 40 | 23 40 | 8 33 | 5 52 | 6 1 | 28 26 | 16 50 | 6 36 |
| S 3 | 22 11 | 23 0 | 4 38 | 15 8 | 2 36 | 23 28 | 2 28 | 22 6 | 0 20 | 2 16 | 1 11 | 3 57 | 2 23 | 23 32 | 0 19 | 5 7 | 1 40 | 23 40 | 8 33 | 5 56 | 6 2 | 28 26 | 16 50 | 6 37 |
| M 4 | 22 19 | 25 58 | 4 55 | 15 40 | 2 28 | 23 15 | 2 27 | 22 13 | 0 21 | 2 20 | 1 11 | 3 57 | 2 23 | 23 31 | 0 19 | 5 6 | 1 40 | 23 39 | 8 33 | 6 1 | 6 3 | 28 26 | 16 50 | 6 37 |
| T 5 | 22 26 | 27 46 | 4 59 | 16 12 | 2 20 | 23 1 | 2 26 | 22 19 | 0 21 | 2 23 | 1 12 | 3 56 | 2 23 | 23 31 | 0 19 | 5 6 | 1 40 | 23 39 | 8 33 | 6 6 | 6 4 | 28 26 | 16 49 | 6 37 |
| W 6 | 22 33 | 28 16 | 4 50 | 16 44 | 2 11 | 22 47 | 2 25 | 22 26 | 0 22 | 2 27 | 1 12 | 3 56 | 2 23 | 23 31 | 0 19 | 5 6 | 1 40 | 23 38 | 8 33 | 6 12 | 6 6 | 28 26 | 16 49 | 6 38 |
| T 7 | 22 39 | 27 29 | 4 28 | 17 16 | 2 2 | 22 33 | 2 24 | 22 32 | 0 22 | 2 31 | 1 12 | 3 55 | 2 22 | 23 31 | 0 19 | 5 6 | 1 40 | 23 38 | 8 32 | 6 16 | 6 7 | 28 26 | 16 49 | 6 38 |
| F 8 | 22 45 | 25 26 | 3 55 | 17 49 | 1 52 | 22 18 | 2 22 | 22 39 | 0 23 | 2 34 | 1 12 | 3 55 | 2 22 | 23 31 | 0 19 | 5 5 | 1 40 | 23 37 | 8 32 | 6 20 | 6 8 | 28 26 | 16 49 | 6 38 |
| S 9 | 22 51 | 22 16 | 3 11 | 18 22 | 1 42 | 22 2 | 2 21 | 22 45 | 0 24 | 2 38 | 1 13 | 3 54 | 2 22 | 23 30 | 0 19 | 5 5 | 1 40 | 23 37 | 8 32 | 6 23 | 6 9 | 28 26 | 16 48 | 6 38 |
| S 10 | 22 56 | 18 8 | 2 19 | 18 54 | 1 32 | 21 46 | 2 19 | 22 50 | 0 24 | 2 41 | 1 13 | 3 54 | 2 22 | 23 30 | 0 19 | 5 5 | 1 40 | 23 36 | 8 32 | 6 25 | 6 11 | 28 26 | 16 48 | 6 39 |
| M11 | 23 1 | 13 12 | 1 19 | 19 26 | 1 21 | 21 30 | 2 17 | 22 56 | 0 25 | 2 45 | 1 13 | 3 53 | 2 21 | 23 30 | 0 19 | 5 5 | 1 40 | 23 36 | 8 32 | 6 26 | 6 12 | 28 26 | 16 48 | 6 39 |
| T 12 | 23 5 | 7 39 | 0 14 | 19 57 | 1 10 | 21 13 | 2 16 | 23 1 | 0 25 | 2 48 | 1 13 | 3 52 | 2 21 | 23 30 | 0 19 | 5 5 | 1 40 | 23 36 | 8 32 | 6 26 | 6 13 | 28 26 | 16 48 | 6 39 |
| W13 | 23 9 | 1 40 | 0s53 | 20 28 | 0 59 | 20 55 | 2 14 | 23 6 | 0 26 | 2 51 | 1 13 | 3 51 | 2 21 | 23 29 | 0 19 | 5 5 | 1 40 | 23 35 | 8 32 | 6 26 | 6 14 | 28 26 | 16 47 | 6 39 |
| T 14 | 23 13 | 4s34 | 2 0 | 20 58 | 0 48 | 20 37 | 2 11 | 23 11 | 0 27 | 2 54 | 1 14 | 3 51 | 2 21 | 23 29 | 0 19 | 5 4 | 1 40 | 23 35 | 8 31 | 6 26 | 6 15 | 28 26 | 16 47 | 6 40 |
| F 15 | 23 16 | 10 49 | 3 2 | 21 26 | 0 37 | 20 19 | 2 9 | 23 16 | 0 27 | 2 58 | 1 14 | 3 50 | 2 21 | 23 29 | 0 19 | 5 4 | 1 40 | 23 34 | 8 31 | 6 27 | 6 17 | 28 26 | 16 47 | 6 40 |
| S 16 | 23 19 | 16 44 | 3 55 | 21 54 | 0 26 | 20 1 | 2 7 | 23 20 | 0 28 | 3 1 | 1 14 | 3 49 | 2 20 | 23 29 | 0 19 | 5 4 | 1 40 | 23 34 | 8 31 | 6 29 | 6 18 | 28 26 | 16 47 | 6 40 |
| S 17 | 23 21 | 21 55 | 4 35 | 22 20 | 0 15 | 19 42 | 2 4 | 23 25 | 0 28 | 3 4 | 1 14 | 3 48 | 2 20 | 23 29 | 0 19 | 5 4 | 1 40 | 23 33 | 8 31 | 6 32 | 6 19 | 28 25 | 16 47 | 6 40 |
| M18 | 23 23 | 25 51 | 4 57 | 22 44 | 0 4 | 19 22 | 2 1 | 23 29 | 0 29 | 3 7 | 1 15 | 3 47 | 2 20 | 23 28 | 0 19 | 5 4 | 1 39 | 23 33 | 8 31 | 6 35 | 6 20 | 28 25 | 16 47 | 6 40 |
| T 19 | 23 25 | 28 0 | 4 59 | 23 6 | 0n 7 | 19 3 | 1 58 | 23 33 | 0 29 | 3 10 | 1 15 | 3 46 | 2 20 | 23 28 | 0 19 | 5 4 | 1 39 | 23 32 | 8 31 | 6 39 | 6 22 | 28 25 | 16 46 | 6 40 |
| W20 | 23 26 | 28 1 | 4 40 | 23 27 | 0 18 | 18 43 | 1 55 | 23 36 | 0 30 | 3 13 | 1 15 | 3 45 | 2 20 | 23 28 | 0 19 | 5 4 | 1 39 | 23 32 | 8 31 | 6 43 | 6 23 | 28 25 | 16 46 | 6 41 |
| T 21 | 23 27 | 25 56 | 4 1 | 23 45 | 0 28 | 18 22 | 1 52 | 23 40 | 0 30 | 3 15 | 1 15 | 3 44 | 2 19 | 23 28 | 0 19 | 5 4 | 1 39 | 23 31 | 8 31 | 6 46 | 6 24 | 28 25 | 16 46 | 6 41 |
| F 22 | 23 27 | 22 2 | 3 5 | 24 0 | 0 38 | 18 2 | 1 48 | 23 43 | 0 31 | 3 18 | 1 16 | 3 43 | 2 19 | 23 27 | 0 19 | 5 4 | 1 39 | 23 31 | 8 31 | 6 49 | 6 25 | 28 25 | 16 46 | 6 41 |
| S 23 | 23 27 | 16 52 | 1 59 | 24 13 | 0 48 | 17 41 | 1 45 | 23 46 | 0 32 | 3 21 | 1 16 | 3 41 | 2 19 | 23 27 | 0 19 | 5 4 | 1 39 | 23 30 | 8 30 | 6 50 | 6 26 | 28 25 | 16 46 | 6 41 |
| S 24 | 23 26 | 10 56 | 0 47 | 24 24 | 0 57 | 17 20 | 1 41 | 23 49 | 0 32 | 3 24 | 1 16 | 3 40 | 2 19 | 23 27 | 0 19 | 5 4 | 1 39 | 23 29 | 8 30 | 6 51 | 6 28 | 28 24 | 16 46 | 6 41 |
| M25 | 23 25 | 4 40 | 0n25 | 24 31 | 1 5 | 16 58 | 1 37 | 23 51 | 0 33 | 3 26 | 1 16 | 3 39 | 2 19 | 23 27 | 0 19 | 5 4 | 1 39 | 23 29 | 8 30 | 6 51 | 6 29 | 28 24 | 16 46 | 6 41 |
| T 26 | 23 24 | 1n36 | 1 33 | 24 36 | 1 13 | 16 37 | 1 33 | 23 53 | 0 33 | 3 29 | 1 17 | 3 38 | 2 18 | 23 26 | 0 19 | 5 4 | 1 39 | 23 28 | 8 30 | 6 51 | 6 30 | 28 24 | 16 46 | 6 41 |
| W27 | 23 22 | 7 37 | 2 35 | 24 38 | 1 20 | 16 15 | 1 29 | 23 56 | 0 34 | 3 31 | 1 17 | 3 36 | 2 18 | 23 26 | 0 19 | 5 4 | 1 39 | 23 28 | 8 30 | 6 51 | 6 31 | 28 24 | 16 46 | 6 41 |
| T 28 | 23 20 | 13 11 | 3 28 | 24 37 | 1 27 | 15 52 | 1 24 | 23 57 | 0 34 | 3 34 | 1 17 | 3 35 | 2 18 | 23 26 | 0 19 | 5 4 | 1 39 | 23 27 | 8 30 | 6 52 | 6 33 | 28 24 | 16 46 | 6 41 |
| F 29 | 23 17 | 18 8 | 4 10 | 24 34 | 1 33 | 15 30 | 1 20 | 23 59 | 0 35 | 3 36 | 1 17 | 3 34 | 2 18 | 23 26 | 0 19 | 5 4 | 1 39 | 23 27 | 8 30 | 6 53 | 6 34 | 28 23 | 16 46 | 6 41 |
| S 30 | 23n14 | 22n16 | 4n41 | 24n27 | 1n38 | 15n 7 | 1n15 | 24n 1 | 0n35 | 3n38 | 1s18 | 3n32 | 2n18 | 23n25 | 0n19 | 5s 4 | 1n39 | 23n26 | 8n30 | 6s56 | 6s35 | 28n23 | 16s45 | 6n41 |

Julian Day Number = 2433798.5, Delta T = 29.48 sec
Ecliptic obliquity = 23°26'53, Nutation = 0°00'04
Ayanamsha: Fagan/Bradley = 24°03'42, Lahiri = 23°10'42


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## JULY 1951 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 18 32 58 | 8♋22'04 | 2♊ 4 | 14♋51 | 23♌40 | 27♊59 | 12♈19 | 26♍27 | 9♋36 | 16♎45 | 18♌15 | 12°R12 | 13♓12 | 29♊44 | 29°R11 | S 1 |
| M 2 | 18 36 54 | 9°19'18 | 13°58 | 16°57 | 24°34 | 28°39 | 12°26 | 26°30 | 9°40 | 16°45 | 18°16 | 12♓ 1 | 13° 9 | 29°51 | 29♐ 7 | M 2 |
| T 3 | 18 40 51 | 10°16'31 | 25°49 | 19° 1 | 25°28 | 29°20 | 12°32 | 26°33 | 9°43 | 16°46 | 18°18 | 11°49 | 13° 6 | 29°58 | 29° 3 | T 3 |
| W 4 | 18 44 47 | 11°13'45 | 7♋41 | 21° 3 | 26°22 | 0♋ 1 | 12°37 | 26°37 | 9°47 | 16°46 | 18°19 | 11°38 | 13° 3 | 0♋ 4 | 28°59 | W 4 |
| T 5 | 18 48 44 | 12°10'58 | 19°34 | 23° 4 | 27°15 | 0°41 | 12°43 | 26°40 | 9°51 | 16°46 | 18°21 | 11°28 | 12°59 | 0°11 | 28°55 | T 5 |
| F 6 | 18 52 41 | 13° 8'11 | 1♌29 | 25° 3 | 28° 7 | 1°21 | 12°49 | 26°44 | 9°54 | 16°46 | 18°23 | 11°19 | 12°56 | 0°18 | 28°51 | F 6 |
| S 7 | 18 56 37 | 14° 5'25 | 13°30 | 27° 0 | 28°59 | 2° 2 | 12°54 | 26°47 | 9°58 | 16°46 | 18°24 | 11°13 | 12°53 | 0°24 | 28°48 | S 7 |
| S 8 | 19 0 34 | 15° 2'38 | 25°37 | 28°55 | 29°50 | 2°42 | 12°59 | 26°51 | 10° 1 | 16°47 | 18°26 | 11°10 | 12°50 | 0°31 | 28°44 | S 8 |
| M 9 | 19 4 30 | 15°59'51 | 7♍54 | 0♌49 | 0♍40 | 3°23 | 13° 4 | 26°55 | 10° 5 | 16°47 | 18°27 | 11°D 9 | 12°47 | 0°38 | 28°40 | M 9 |
| T 10 | 19 8 27 | 16°57'04 | 20°24 | 2°40 | 1°30 | 4° 3 | 13° 9 | 26°59 | 10° 9 | 16°47 | 18°29 | 11° 9 | 12°44 | 0°45 | 28°36 | T 10 |
| W11 | 19 12 23 | 17°54'16 | 3♎11 | 4°29 | 2°19 | 4°43 | 13°14 | 27° 3 | 10°12 | 16°48 | 18°31 | 11°10 | 12°40 | 0°51 | 28°33 | W11 |
| T 12 | 19 16 20 | 18°51'29 | 16°18 | 6°17 | 3° 7 | 5°23 | 13°18 | 27° 7 | 10°16 | 16°48 | 18°32 | 11°R11 | 12°37 | 0°58 | 28°29 | T 12 |
| F 13 | 19 20 16 | 19°48'42 | 29°49 | 8° 2 | 3°54 | 6° 4 | 13°23 | 27°11 | 10°19 | 16°48 | 18°34 | 11°10 | 12°34 | 1° 5 | 28°26 | F 13 |
| S 14 | 19 24 13 | 20°45'54 | 13♏46 | 9°46 | 4°41 | 6°44 | 13°27 | 27°16 | 10°23 | 16°49 | 18°36 | 11° 8 | 12°31 | 1°11 | 28°22 | S 14 |
| S 15 | 19 28 10 | 21°43'07 | 28° 9 | 11°27 | 5°26 | 7°24 | 13°31 | 27°20 | 10°27 | 16°49 | 18°37 | 11° 4 | 12°28 | 1°18 | 28°19 | S 15 |
| M16 | 19 32 6 | 22°40'20 | 12♐54 | 13° 7 | 6°11 | 8° 4 | 13°34 | 27°24 | 10°30 | 16°50 | 18°39 | 10°58 | 12°24 | 1°25 | 28°15 | M16 |
| T 17 | 19 36 3 | 23°37'33 | 27°57 | 14°44 | 6°55 | 8°44 | 13°38 | 27°29 | 10°34 | 16°51 | 18°41 | 10°51 | 12°21 | 1°32 | 28°12 | T 17 |
| W18 | 19 39 59 | 24°34'47 | 13♑ 9 | 16°20 | 7°38 | 9°24 | 13°41 | 27°33 | 10°37 | 16°51 | 18°42 | 10°45 | 12°18 | 1°38 | 28° 9 | W18 |
| T 19 | 19 43 56 | 25°32'00 | 28°19 | 17°54 | 8°20 | 10° 4 | 13°45 | 27°38 | 10°41 | 16°52 | 18°44 | 10°39 | 12°15 | 1°45 | 28° 5 | T 19 |
| F 20 | 19 47 52 | 26°29'14 | 13♒17 | 19°26 | 9° 1 | 10°43 | 13°48 | 27°43 | 10°44 | 16°52 | 18°46 | 10°34 | 12°12 | 1°52 | 28° 2 | F 20 |
| S 21 | 19 51 49 | 27°26'29 | 27°55 | 20°55 | 9°41 | 11°23 | 13°51 | 27°48 | 10°48 | 16°53 | 18°48 | 10°32 | 12° 9 | 1°58 | 27°59 | S 21 |
| S 22 | 19 55 45 | 28°23'44 | 12♓ 8 | 22°23 | 10°20 | 12° 3 | 13°53 | 27°52 | 10°51 | 16°54 | 18°49 | 10°D31 | 12° 5 | 2° 5 | 27°56 | S 22 |
| M23 | 19 59 42 | 29°21'00 | 25°53 | 23°49 | 10°58 | 12°43 | 13°56 | 27°57 | 10°55 | 16°55 | 18°51 | 10°32 | 12° 2 | 2°12 | 27°53 | M23 |
| T 24 | 20 3 39 | 0♌18'16 | 9♈11 | 25°13 | 11°34 | 13°22 | 13°58 | 28° 2 | 10°58 | 16°55 | 18°53 | 10°33 | 11°59 | 2°19 | 27°50 | T 24 |
| W25 | 20 7 35 | 1°15'34 | 22° 4 | 26°34 | 12°10 | 14° 2 | 14° 0 | 28° 7 | 11° 2 | 16°56 | 18°55 | 10°35 | 11°56 | 2°25 | 27°47 | W25 |
| T 26 | 20 11 32 | 2°12'53 | 4♉37 | 27°54 | 12°44 | 14°42 | 14° 2 | 28°13 | 11° 5 | 16°57 | 18°56 | 10°R35 | 11°53 | 2°32 | 27°44 | T 26 |
| F 27 | 20 15 28 | 3°10'12 | 16°52 | 29°11 | 13°17 | 15°21 | 14° 4 | 28°18 | 11° 9 | 16°58 | 18°58 | 10°34 | 11°50 | 2°39 | 27°41 | F 27 |
| S 28 | 20 19 25 | 4° 7'33 | 28°56 | 0♍27 | 13°48 | 16° 1 | 14° 5 | 28°23 | 11°12 | 16°59 | 19° 0 | 10°31 | 11°46 | 2°45 | 27°38 | S 28 |
| S 29 | 20 23 21 | 5° 4'54 | 10♊52 | 1°40 | 14°18 | 16°40 | 14° 7 | 28°28 | 11°15 | 17° 0 | 19° 2 | 10°27 | 11°43 | 2°52 | 27°35 | S 29 |
| M30 | 20 27 18 | 6° 2'17 | 22°44 | 2°50 | 14°47 | 17°20 | 14° 8 | 28°34 | 11°19 | 17° 1 | 19° 4 | 10°22 | 11°40 | 2°59 | 27°33 | M30 |
| T 31 | 20 31 14 | 6♌59'40 | 4♋36 | 3♍59 | 15♍14 | 17♋59 | 14♈ 9 | 28♍39 | 11♋22 | 17♎ 2 | 19♌ 6 | 10♓16 | 11♓37 | 3♋ 6 | 27♐30 | T 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 23n11 | 25n27 | 4n58 | 24n18 | 1n42 | 14n44 | 1n10 | 24n 2 | 0n36 | 3n41 | 1s18 | 3n31 | 2n17 | 23n25 | 0n19 | 5s 4 | 1n39 | 23n26 | 8n30 | 6s59 | 6s36 | 28n23 | 16s45 | 6n41 |
| M 2 | 23 7 | 27 29 | 5 3 | 24 7 | 1 45 | 14 21 | 1 5 | 24 3 | 0 36 | 3 43 | 1 18 | 3 29 | 2 17 | 23 25 | 0 19 | 5 4 | 1 39 | 23 25 | 8 30 | 7 3 | 6 37 | 28 23 | 16 45 | 6 41 |
| T 3 | 23 3 | 28 17 | 4 54 | 23 53 | 1 48 | 13 58 | 1 0 | 24 4 | 0 37 | 3 45 | 1 18 | 3 28 | 2 17 | 23 25 | 0 19 | 5 4 | 1 39 | 23 25 | 8 30 | 7 8 | 6 39 | 28 22 | 16 45 | 6 41 |
| W 4 | 22 58 | 27 46 | 4 33 | 23 37 | 1 50 | 13 35 | 0 54 | 24 4 | 0 38 | 3 47 | 1 19 | 3 26 | 2 17 | 23 24 | 0 19 | 5 4 | 1 39 | 23 24 | 8 29 | 7 12 | 6 40 | 28 22 | 16 45 | 6 41 |
| T 5 | 22 53 | 25 58 | 3 59 | 23 19 | 1 52 | 13 12 | 0 49 | 24 5 | 0 38 | 3 49 | 1 19 | 3 25 | 2 17 | 23 24 | 0 19 | 5 4 | 1 39 | 23 23 | 8 29 | 7 16 | 6 41 | 28 22 | 16 45 | 6 41 |
| F 6 | 22 48 | 23 1 | 3 15 | 22 58 | 1 52 | 12 48 | 0 43 | 24 5 | 0 39 | 3 51 | 1 19 | 3 23 | 2 16 | 23 24 | 0 19 | 5 4 | 1 39 | 23 23 | 8 29 | 7 19 | 6 42 | 28 22 | 16 45 | 6 41 |
| S 7 | 22 42 | 19 3 | 2 22 | 22 36 | 1 52 | 12 24 | 0 37 | 24 5 | 0 39 | 3 53 | 1 19 | 3 22 | 2 16 | 23 24 | 0 19 | 5 5 | 1 39 | 23 22 | 8 29 | 7 22 | 6 44 | 28 21 | 16 46 | 6 41 |
| S 8 | 22 36 | 14 16 | 1 22 | 22 12 | 1 51 | 12 1 | 0 31 | 24 5 | 0 40 | 3 54 | 1 20 | 3 20 | 2 16 | 23 23 | 0 19 | 5 5 | 1 38 | 23 22 | 8 29 | 7 23 | 6 45 | 28 21 | 16 46 | 6 41 |
| M 9 | 22 29 | 8 53 | 0 17 | 21 46 | 1 50 | 11 37 | 0 24 | 24 4 | 0 40 | 3 56 | 1 20 | 3 18 | 2 16 | 23 23 | 0 19 | 5 5 | 1 38 | 23 21 | 8 29 | 7 23 | 6 46 | 28 21 | 16 46 | 6 41 |
| T 10 | 22 22 | 3 3 | 0s50 | 21 19 | 1 48 | 11 13 | 0 18 | 24 4 | 0 41 | 3 58 | 1 20 | 3 16 | 2 16 | 23 23 | 0 19 | 5 5 | 1 38 | 23 21 | 8 29 | 7 23 | 6 47 | 28 20 | 16 46 | 6 41 |
| W11 | 22 15 | 3s 2 | 1 56 | 20 51 | 1 45 | 10 49 | 0 11 | 24 3 | 0 41 | 3 59 | 1 21 | 3 15 | 2 15 | 23 23 | 0 19 | 5 5 | 1 38 | 23 20 | 8 29 | 7 23 | 6 48 | 28 20 | 16 46 | 6 41 |
| T 12 | 22 7 | 9 9 | 2 57 | 20 22 | 1 42 | 10 25 | 0 4 | 24 2 | 0 42 | 4 1 | 1 21 | 3 13 | 2 15 | 23 22 | 0 19 | 5 5 | 1 38 | 23 19 | 8 29 | 7 23 | 6 50 | 28 20 | 16 46 | 6 41 |
| F 13 | 21 59 | 15 1 | 3 51 | 19 51 | 1 38 | 10 2 | 0s 3 | 24 1 | 0 42 | 4 2 | 1 21 | 3 11 | 2 15 | 23 22 | 0 19 | 5 6 | 1 38 | 23 19 | 8 29 | 7 23 | 6 51 | 28 19 | 16 46 | 6 40 |
| S 14 | 21 51 | 20 19 | 4 33 | 19 19 | 1 34 | 9 38 | 0 11 | 23 59 | 0 43 | 4 3 | 1 21 | 3 9 | 2 15 | 23 22 | 0 19 | 5 6 | 1 38 | 23 18 | 8 29 | 7 24 | 6 52 | 28 19 | 16 46 | 6 40 |
| S 15 | 21 42 | 24 37 | 5 0 | 18 47 | 1 29 | 9 14 | 0 18 | 23 58 | 0 43 | 4 5 | 1 22 | 3 7 | 2 15 | 23 21 | 0 19 | 5 6 | 1 38 | 23 18 | 8 29 | 7 25 | 6 53 | 28 19 | 16 46 | 6 40 |
| M16 | 21 32 | 27 26 | 5 7 | 18 13 | 1 24 | 8 50 | 0 26 | 23 56 | 0 44 | 4 6 | 1 22 | 3 5 | 2 15 | 23 21 | 0 19 | 5 6 | 1 38 | 23 17 | 8 29 | 7 27 | 6 54 | 28 18 | 16 46 | 6 40 |
| T 17 | 21 23 | 28 20 | 4 54 | 17 39 | 1 18 | 8 27 | 0 34 | 23 54 | 0 44 | 4 7 | 1 22 | 3 3 | 2 14 | 23 21 | 0 19 | 5 7 | 1 38 | 23 17 | 8 29 | 7 30 | 6 56 | 28 18 | 16 46 | 6 40 |
| W18 | 21 13 | 27 7 | 4 20 | 17 5 | 1 11 | 8 3 | 0 43 | 23 52 | 0 45 | 4 8 | 1 23 | 3 1 | 2 14 | 23 21 | 0 19 | 5 7 | 1 38 | 23 16 | 8 29 | 7 32 | 6 57 | 28 18 | 16 47 | 6 40 |
| T 19 | 21 3 | 23 54 | 3 28 | 16 30 | 1 5 | 7 40 | 0 51 | 23 49 | 0 45 | 4 9 | 1 23 | 2 59 | 2 14 | 23 20 | 0 19 | 5 7 | 1 38 | 23 15 | 8 29 | 7 35 | 6 58 | 28 17 | 16 47 | 6 39 |
| F 20 | 20 52 | 19 6 | 2 22 | 15 55 | 0 57 | 7 16 | 1 0 | 23 46 | 0 46 | 4 10 | 1 23 | 2 57 | 2 14 | 23 20 | 0 19 | 5 8 | 1 38 | 23 15 | 8 29 | 7 36 | 6 59 | 28 17 | 16 47 | 6 39 |
| S 21 | 20 41 | 13 16 | 1 8 | 15 19 | 0 50 | 6 53 | 1 8 | 23 44 | 0 46 | 4 11 | 1 23 | 2 55 | 2 14 | 23 20 | 0 19 | 5 8 | 1 38 | 23 14 | 8 29 | 7 37 | 7 1 | 28 16 | 16 47 | 6 39 |
| S 22 | 20 29 | 6 53 | 0n 9 | 14 43 | 0 42 | 6 30 | 1 17 | 23 41 | 0 47 | 4 12 | 1 24 | 2 53 | 2 14 | 23 20 | 0 19 | 5 8 | 1 38 | 23 14 | 8 29 | 7 38 | 7 2 | 28 16 | 16 47 | 6 39 |
| M23 | 20 18 | 0 23 | 1 22 | 14 7 | 0 33 | 6 7 | 1 27 | 23 37 | 0 47 | 4 12 | 1 24 | 2 51 | 2 13 | 23 19 | 0 19 | 5 8 | 1 38 | 23 13 | 8 29 | 7 37 | 7 3 | 28 16 | 16 47 | 6 38 |
| T 24 | 20 6 | 5n55 | 2 29 | 13 31 | 0 25 | 5 45 | 1 36 | 23 34 | 0 48 | 4 13 | 1 24 | 2 49 | 2 13 | 23 19 | 0 19 | 5 9 | 1 38 | 23 12 | 8 29 | 7 37 | 7 4 | 28 15 | 16 48 | 6 38 |
| W25 | 19 53 | 11 47 | 3 26 | 12 54 | 0 16 | 5 22 | 1 46 | 23 30 | 0 48 | 4 14 | 1 25 | 2 47 | 2 13 | 23 19 | 0 19 | 5 9 | 1 38 | 23 12 | 8 29 | 7 36 | 7 5 | 28 15 | 16 48 | 6 38 |
| T 26 | 19 40 | 17 1 | 4 12 | 12 18 | 0 6 | 5 0 | 1 56 | 23 27 | 0 49 | 4 14 | 1 25 | 2 45 | 2 13 | 23 19 | 0 19 | 5 10 | 1 38 | 23 11 | 8 29 | 7 36 | 7 7 | 28 14 | 16 48 | 6 38 |
| F 27 | 19 27 | 21 26 | 4 45 | 11 42 | 0s 3 | 4 38 | 2 6 | 23 23 | 0 49 | 4 14 | 1 25 | 2 43 | 2 13 | 23 18 | 0 19 | 5 10 | 1 38 | 23 11 | 8 29 | 7 37 | 7 8 | 28 14 | 16 48 | 6 37 |
| S 28 | 19 14 | 24 53 | 5 4 | 11 7 | 0 13 | 4 17 | 2 16 | 23 19 | 0 50 | 4 15 | 1 25 | 2 40 | 2 13 | 23 18 | 0 20 | 5 10 | 1 38 | 23 10 | 8 29 | 7 37 | 7 9 | 28 13 | 16 49 | 6 37 |
| S 29 | 19 0 | 27 12 | 5 11 | 10 31 | 0 24 | 3 56 | 2 27 | 23 14 | 0 50 | 4 15 | 1 26 | 2 38 | 2 13 | 23 18 | 0 20 | 5 11 | 1 37 | 23 10 | 8 29 | 7 39 | 7 10 | 28 13 | 16 49 | 6 37 |
| M30 | 18 46 | 28 18 | 5 4 | 9 56 | 0 34 | 3 35 | 2 37 | 23 10 | 0 51 | 4 15 | 1 26 | 2 36 | 2 12 | 23 17 | 0 20 | 5 11 | 1 37 | 23 9 | 8 29 | 7 41 | 7 11 | 28 12 | 16 49 | 6 37 |
| T 31 | 18n32 | 28n 5 | 4n43 | 9n22 | 0s45 | 3n14 | 2s48 | 23n 5 | 0n51 | 4n15 | 1s26 | 2n33 | 2n12 | 23n17 | 0n20 | 5s12 | 1n37 | 23n 8 | 8n29 | 7s43 | 7s13 | 28n12 | 16s49 | 6n36 |

Julian Day Number = 2433828.5, Delta T = 29.51 sec
Ecliptic obliquity = 23°26'52, Nutation = 0°00'05
Ayanamsha: Fagan/Bradley = 24°03'47, Lahiri = 23°10'46


created from Swiss Ephemeris, Copyright Astrodienst AG [14.2.2018]

## AUGUST 1951 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 20 35 11 | 7♌57'05 | 16♋29 | 5♍ 4 | 15♍39 | 18♋39 | 14♈10 | 28♍45 | 11♋25 | 17♎ 3 | 19♌ 7 | 10°R10 | 11♓34 | 3♋12 | 27°R28 | W 1 |
| T 2 | 20 39 8 | 8°54'30 | 28°26 | 6° 8 | 16° 3 | 19°18 | 14°10 | 28°50 | 11°29 | 17° 4 | 19° 9 | 10♓ 5 | 11°30 | 3°19 | 27♐25 | T 2 |
| F 3 | 20 43 4 | 9°51'56 | 10♌29 | 7° 8 | 16°25 | 19°57 | 14°11 | 28°56 | 11°32 | 17° 5 | 19°11 | 10° 1 | 11°27 | 3°26 | 27°23 | F 3 |
| S 4 | 20 47 1 | 10°49'23 | 22°40 | 8° 6 | 16°45 | 20°37 | 14°R11 | 29° 2 | 11°35 | 17° 6 | 19°13 | 9°58 | 11°24 | 3°32 | 27°20 | S 4 |
| S 5 | 20 50 57 | 11°46'51 | 5♍ 0 | 9° 1 | 17° 4 | 21°16 | 14°11 | 29° 8 | 11°39 | 17° 7 | 19°15 | 9°D57 | 11°21 | 3°39 | 27°18 | S 5 |
| M 6 | 20 54 54 | 12°44'20 | 17°31 | 9°52 | 17°21 | 21°55 | 14°10 | 29°13 | 11°42 | 17° 8 | 19°17 | 9°57 | 11°18 | 3°46 | 27°16 | M 6 |
| T 7 | 20 58 50 | 13°41'50 | 0♎14 | 10°41 | 17°35 | 22°34 | 14°10 | 29°19 | 11°45 | 17° 9 | 19°18 | 9°58 | 11°15 | 3°53 | 27°14 | T 7 |
| W 8 | 21 2 47 | 14°39'20 | 13°11 | 11°26 | 17°48 | 23°13 | 14° 9 | 29°25 | 11°48 | 17°11 | 19°20 | 10° 0 | 11°11 | 3°59 | 27°12 | W 8 |
| T 9 | 21 6 43 | 15°36'51 | 26°25 | 12° 7 | 17°59 | 23°52 | 14° 9 | 29°31 | 11°51 | 17°12 | 19°22 | 10° 1 | 11° 8 | 4° 6 | 27°10 | T 9 |
| F 10 | 21 10 40 | 16°34'23 | 9♏58 | 12°45 | 18° 7 | 24°31 | 14° 8 | 29°37 | 11°55 | 17°13 | 19°24 | 10° 2 | 11° 5 | 4°13 | 27° 8 | F 10 |
| S 11 | 21 14 37 | 17°31'56 | 23°49 | 13°19 | 18°14 | 25°10 | 14° 6 | 29°43 | 11°58 | 17°15 | 19°26 | 10°R 2 | 11° 2 | 4°19 | 27° 6 | S 11 |
| S 12 | 21 18 33 | 18°29'30 | 8♐ 1 | 13°49 | 18°18 | 25°49 | 14° 5 | 29°49 | 12° 1 | 17°16 | 19°28 | 10° 1 | 10°59 | 4°26 | 27° 5 | S 12 |
| M13 | 21 22 30 | 19°27'05 | 22°29 | 14°14 | 18°R20 | 26°28 | 14° 3 | 29°56 | 12° 4 | 17°17 | 19°30 | 9°59 | 10°56 | 4°33 | 27° 3 | M13 |
| T 14 | 21 26 26 | 20°24'41 | 7♑11 | 14°35 | 18°20 | 27° 7 | 14° 1 | 0♎ 2 | 12° 7 | 17°19 | 19°31 | 9°57 | 10°52 | 4°40 | 27° 1 | T 14 |
| W15 | 21 30 23 | 21°22'17 | 22° 1 | 14°51 | 18°17 | 27°46 | 13°59 | 0° 8 | 12°10 | 17°20 | 19°33 | 9°54 | 10°49 | 4°46 | 27° 0 | W15 |
| T 16 | 21 34 19 | 22°19'55 | 6♒52 | 15° 2 | 18°12 | 28°25 | 13°57 | 0°15 | 12°13 | 17°21 | 19°35 | 9°52 | 10°46 | 4°53 | 26°59 | T 16 |
| F 17 | 21 38 16 | 23°17'34 | 21°36 | 15° 8 | 18° 4 | 29° 4 | 13°55 | 0°21 | 12°16 | 17°23 | 19°37 | 9°51 | 10°43 | 5° 0 | 26°57 | F 17 |
| S 18 | 21 42 12 | 24°15'14 | 6♓ 5 | 15°R 9 | 17°54 | 29°42 | 13°52 | 0°27 | 12°19 | 17°24 | 19°39 | 9°D50 | 10°40 | 5° 6 | 26°56 | S 18 |
| S 19 | 21 46 9 | 25°12'55 | 20°14 | 15° 4 | 17°42 | 0♌21 | 13°49 | 0°34 | 12°22 | 17°26 | 19°41 | 9°50 | 10°36 | 5°13 | 26°55 | S 19 |
| M20 | 21 50 6 | 26°10'38 | 3♈59 | 14°53 | 17°27 | 1° 0 | 13°46 | 0°40 | 12°24 | 17°27 | 19°43 | 9°51 | 10°33 | 5°20 | 26°54 | M20 |
| T 21 | 21 54 2 | 27° 8'23 | 17°20 | 14°36 | 17°10 | 1°38 | 13°43 | 0°47 | 12°27 | 17°29 | 19°44 | 9°52 | 10°30 | 5°27 | 26°53 | T 21 |
| W22 | 21 57 59 | 28° 6'09 | 0♉18 | 14°14 | 16°51 | 2°17 | 13°40 | 0°54 | 12°30 | 17°31 | 19°46 | 9°53 | 10°27 | 5°33 | 26°52 | W22 |
| T 23 | 22 1 55 | 29° 3'56 | 12°54 | 13°46 | 16°29 | 2°56 | 13°36 | 1° 0 | 12°33 | 17°32 | 19°48 | 9°54 | 10°24 | 5°40 | 26°51 | T 23 |
| F 24 | 22 5 52 | 0♍ 1'46 | 25°13 | 13°13 | 16° 6 | 3°34 | 13°33 | 1° 7 | 12°36 | 17°34 | 19°50 | 9°R55 | 10°21 | 5°47 | 26°50 | F 24 |
| S 25 | 22 9 48 | 0°59'37 | 7♊18 | 12°34 | 15°40 | 4°13 | 13°29 | 1°14 | 12°38 | 17°35 | 19°52 | 9°55 | 10°17 | 5°53 | 26°50 | S 25 |
| S 26 | 22 13 45 | 1°57'30 | 19°15 | 11°51 | 15°12 | 4°51 | 13°25 | 1°20 | 12°41 | 17°37 | 19°54 | 9°54 | 10°14 | 6° 0 | 26°49 | S 26 |
| M27 | 22 17 41 | 2°55'25 | 1♋ 7 | 11° 3 | 14°43 | 5°29 | 13°20 | 1°27 | 12°44 | 17°39 | 19°56 | 9°53 | 10°11 | 6° 7 | 26°49 | M27 |
| T 28 | 22 21 38 | 3°53'22 | 12°59 | 10°12 | 14°12 | 6° 8 | 13°16 | 1°34 | 12°46 | 17°41 | 19°57 | 9°53 | 10° 8 | 6°13 | 26°48 | T 28 |
| W29 | 22 25 35 | 4°51'20 | 24°55 | 9°18 | 13°40 | 6°46 | 13°11 | 1°41 | 12°49 | 17°42 | 19°59 | 9°52 | 10° 5 | 6°20 | 26°48 | W29 |
| T 30 | 22 29 31 | 5°49'20 | 6♌58 | 8°22 | 13° 6 | 7°24 | 13° 7 | 1°48 | 12°51 | 17°44 | 20° 1 | 9°51 | 10° 2 | 6°27 | 26°48 | T 30 |
| F 31 | 22 33 28 | 6♍47'22 | 19♌10 | 7♍26 | 12♍31 | 8♌ 3 | 13♈ 2 | 1♎55 | 12♋54 | 17♎46 | 20♌ 3 | 9♓51 | 9♓58 | 6♋34 | 26♐48 | 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 | 18n17 | 26n35 | 4n11 | 8n48 | 0s56 | 2n54 | 2s59 | 23n 0 | 0n52 | 4n15 | 1s27 | 2n31 | 2n12 | 23n17 | 0n20 | 5s12 | 1n37 | 23n 8 | 8n29 | 7s45 | 7s14 | 28n12 | 16s50 | 6n36 |
| T 2 | 18 2 | 23 52 | 3 27 | 8 14 | 1 7 | 2 35 | 3 11 | 22 55 | 0 52 | 4 15 | 1 27 | 2 29 | 2 12 | 23 17 | 0 20 | 5 12 | 1 37 | 23 7 | 8 29 | 7 47 | 7 15 | 28 11 | 16 50 | 6 36 |
| F 3 | 17 47 | 20 5 | 2 34 | 7 41 | 1 18 | 2 16 | 3 22 | 22 50 | 0 53 | 4 15 | 1 27 | 2 26 | 2 12 | 23 16 | 0 20 | 5 13 | 1 37 | 23 7 | 8 29 | 7 49 | 7 16 | 28 11 | 16 50 | 6 35 |
| S 4 | 17 31 | 15 26 | 1 33 | 7 9 | 1 29 | 1 57 | 3 34 | 22 44 | 0 53 | 4 15 | 1 27 | 2 24 | 2 12 | 23 16 | 0 20 | 5 13 | 1 37 | 23 6 | 8 29 | 7 50 | 7 17 | 28 10 | 16 50 | 6 35 |
| S 5 | 17 16 | 10 6 | 0 27 | 6 38 | 1 41 | 1 39 | 3 45 | 22 39 | 0 53 | 4 15 | 1 28 | 2 22 | 2 12 | 23 16 | 0 20 | 5 14 | 1 37 | 23 6 | 8 29 | 7 50 | 7 19 | 28 9 | 16 51 | 6 35 |
| M 6 | 17 0 | 4 18 | 0s41 | 6 8 | 1 52 | 1 21 | 3 57 | 22 33 | 0 54 | 4 14 | 1 28 | 2 19 | 2 11 | 23 16 | 0 20 | 5 14 | 1 37 | 23 5 | 8 29 | 7 50 | 7 20 | 28 9 | 16 51 | 6 34 |
| T 7 | 16 43 | 1s46 | 1 49 | 5 39 | 2 4 | 1 5 | 4 9 | 22 27 | 0 54 | 4 14 | 1 28 | 2 17 | 2 11 | 23 15 | 0 20 | 5 15 | 1 37 | 23 5 | 8 29 | 7 50 | 7 21 | 28 8 | 16 51 | 6 34 |
| W 8 | 16 27 | 7 51 | 2 53 | 5 11 | 2 16 | 0 48 | 4 22 | 22 21 | 0 55 | 4 13 | 1 29 | 2 14 | 2 11 | 23 15 | 0 20 | 5 15 | 1 37 | 23 4 | 8 29 | 7 49 | 7 22 | 28 8 | 16 52 | 6 34 |
| T 9 | 16 10 | 13 44 | 3 48 | 4 45 | 2 27 | 0 33 | 4 34 | 22 15 | 0 55 | 4 13 | 1 29 | 2 12 | 2 11 | 23 15 | 0 20 | 5 16 | 1 37 | 23 3 | 8 29 | 7 49 | 7 23 | 28 7 | 16 52 | 6 33 |
| F 10 | 15 52 | 19 7 | 4 33 | 4 20 | 2 39 | 0 18 | 4 46 | 22 8 | 0 56 | 4 12 | 1 29 | 2 9 | 2 11 | 23 14 | 0 20 | 5 16 | 1 37 | 23 3 | 8 29 | 7 49 | 7 25 | 28 7 | 16 52 | 6 33 |
| S 11 | 15 35 | 23 37 | 5 2 | 3 56 | 2 50 | 0 4 | 4 59 | 22 2 | 0 56 | 4 11 | 1 29 | 2 7 | 2 11 | 23 14 | 0 20 | 5 17 | 1 37 | 23 2 | 8 29 | 7 49 | 7 26 | 28 6 | 16 53 | 6 32 |
| S 12 | 15 17 | 26 49 | 5 14 | 3 34 | 3 2 | 0s 9 | 5 11 | 21 55 | 0 57 | 4 11 | 1 30 | 2 4 | 2 11 | 23 14 | 0 20 | 5 17 | 1 37 | 23 2 | 8 29 | 7 49 | 7 27 | 28 6 | 16 53 | 6 32 |
| M13 | 15 0 | 28 21 | 5 7 | 3 14 | 3 13 | 0 21 | 5 24 | 21 48 | 0 57 | 4 10 | 1 30 | 2 2 | 2 11 | 23 14 | 0 20 | 5 18 | 1 37 | 23 1 | 8 29 | 7 50 | 7 28 | 28 5 | 16 53 | 6 32 |
| T 14 | 14 41 | 27 55 | 4 40 | 2 56 | 3 24 | 0 33 | 5 36 | 21 41 | 0 58 | 4 9 | 1 30 | 1 59 | 2 11 | 23 13 | 0 20 | 5 19 | 1 37 | 23 1 | 8 29 | 7 51 | 7 30 | 28 4 | 16 54 | 6 31 |
| W15 | 14 23 | 25 30 | 3 54 | 2 40 | 3 34 | 0 43 | 5 49 | 21 34 | 0 58 | 4 8 | 1 31 | 1 56 | 2 10 | 23 13 | 0 20 | 5 19 | 1 37 | 23 0 | 8 29 | 7 51 | 7 31 | 28 4 | 16 54 | 6 31 |
| T 16 | 14 4 | 21 20 | 2 52 | 2 27 | 3 44 | 0 52 | 6 1 | 21 26 | 0 58 | 4 7 | 1 31 | 1 54 | 2 10 | 23 13 | 0 20 | 5 20 | 1 37 | 23 0 | 8 30 | 7 52 | 7 32 | 28 3 | 16 54 | 6 30 |
| F 17 | 13 46 | 15 52 | 1 39 | 2 16 | 3 54 | 1 1 | 6 13 | 21 19 | 0 59 | 4 6 | 1 31 | 1 51 | 2 10 | 23 13 | 0 20 | 5 20 | 1 37 | 22 59 | 8 30 | 7 53 | 7 33 | 28 3 | 16 55 | 6 30 |
| S 18 | 13 27 | 9 36 | 0 21 | 2 7 | 4 3 | 1 8 | 6 26 | 21 11 | 0 59 | 4 4 | 1 31 | 1 49 | 2 10 | 23 12 | 0 20 | 5 21 | 1 37 | 22 59 | 8 30 | 7 53 | 7 34 | 28 2 | 16 55 | 6 30 |
| S 19 | 13 7 | 3 0 | 0n57 | 2 2 | 4 11 | 1 14 | 6 37 | 21 3 | 1 0 | 4 3 | 1 32 | 1 46 | 2 10 | 23 12 | 0 20 | 5 22 | 1 37 | 22 58 | 8 30 | 7 53 | 7 36 | 28 1 | 16 56 | 6 29 |
| M20 | 12 48 | 3n34 | 2 10 | 1 59 | 4 18 | 1 19 | 6 49 | 20 55 | 1 0 | 4 2 | 1 32 | 1 43 | 2 10 | 23 12 | 0 20 | 5 22 | 1 37 | 22 58 | 8 30 | 7 53 | 7 37 | 28 1 | 16 56 | 6 29 |
| T 21 | 12 28 | 9 47 | 3 13 | 2 0 | 4 25 | 1 23 | 7 0 | 20 47 | 1 1 | 4 0 | 1 32 | 1 41 | 2 10 | 23 12 | 0 20 | 5 23 | 1 37 | 22 57 | 8 30 | 7 52 | 7 38 | 28 0 | 16 56 | 6 28 |
| W22 | 12 8 | 15 23 | 4 4 | 2 3 | 4 30 | 1 26 | 7 11 | 20 39 | 1 1 | 3 59 | 1 32 | 1 38 | 2 10 | 23 11 | 0 20 | 5 23 | 1 36 | 22 57 | 8 30 | 7 52 | 7 39 | 27 59 | 16 57 | 6 28 |
| T 23 | 11 48 | 20 12 | 4 42 | 2 10 | 4 34 | 1 27 | 7 22 | 20 31 | 1 2 | 3 57 | 1 33 | 1 35 | 2 10 | 23 11 | 0 20 | 5 24 | 1 36 | 22 56 | 8 30 | 7 52 | 7 40 | 27 59 | 16 57 | 6 27 |
| F 24 | 11 28 | 24 1 | 5 6 | 2 21 | 4 36 | 1 28 | 7 32 | 20 22 | 1 2 | 3 55 | 1 33 | 1 32 | 2 10 | 23 11 | 0 20 | 5 25 | 1 36 | 22 56 | 8 30 | 7 51 | 7 42 | 27 58 | 16 58 | 6 27 |
| S 25 | 11 8 | 26 44 | 5 16 | 2 34 | 4 37 | 1 27 | 7 42 | 20 13 | 1 2 | 3 54 | 1 33 | 1 30 | 2 10 | 23 11 | 0 20 | 5 25 | 1 36 | 22 55 | 8 30 | 7 51 | 7 43 | 27 57 | 16 58 | 6 27 |
| S 26 | 10 47 | 28 12 | 5 12 | 2 51 | 4 37 | 1 25 | 7 51 | 20 5 | 1 3 | 3 52 | 1 33 | 1 27 | 2 10 | 23 11 | 0 20 | 5 26 | 1 36 | 22 55 | 8 31 | 7 52 | 7 44 | 27 57 | 16 59 | 6 26 |
| M27 | 10 26 | 28 22 | 4 55 | 3 12 | 4 34 | 1 21 | 7 59 | 19 56 | 1 3 | 3 50 | 1 34 | 1 24 | 2 9 | 23 10 | 0 20 | 5 27 | 1 36 | 22 54 | 8 31 | 7 52 | 7 45 | 27 56 | 16 59 | 6 26 |
| T 28 | 10 5 | 27 13 | 4 25 | 3 35 | 4 30 | 1 16 | 8 7 | 19 46 | 1 4 | 3 48 | 1 34 | 1 21 | 2 9 | 23 10 | 0 20 | 5 27 | 1 36 | 22 54 | 8 31 | 7 52 | 7 46 | 27 55 | 16 59 | 6 25 |
| W29 | 9 44 | 24 50 | 3 44 | 4 1 | 4 24 | 1 11 | 8 14 | 19 37 | 1 4 | 3 46 | 1 34 | 1 19 | 2 9 | 23 10 | 0 20 | 5 28 | 1 36 | 22 53 | 8 31 | 7 52 | 7 48 | 27 54 | 17 0 | 6 25 |
| T 30 | 9 23 | 21 19 | 2 52 | 4 29 | 4 16 | 1 4 | 8 20 | 19 28 | 1 5 | 3 44 | 1 34 | 1 16 | 2 9 | 23 10 | 0 20 | 5 29 | 1 36 | 22 53 | 8 31 | 7 53 | 7 49 | 27 54 | 17 0 | 6 24 |
| F 31 | 9n 1 | 16n51 | 1n52 | 4n59 | 4s 5 | 0s55 | 8s25 | 19n18 | 1n 5 | 3n42 | 1s34 | 1n13 | 2n 9 | 23n 9 | 0n20 | 5s29 | 1n36 | 22n52 | 8n31 | 7s53 | 7s50 | 27n53 | 17s 1 | 6n24 |

Julian Day Number = 2433859.5, Delta T = 29.55 sec
Ecliptic obliquity = 23°26'53, Nutation = 0°00'07
Ayanamsha: Fagan/Bradley = 24°03'51, Lahiri = 23°10'51


created from Swiss Ephemeris, Copyright Astrodienst AG [14.2.2018]

# ASTRODIENST EPHEMERIS for the year 1951

## SEPTEMBER 1951 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 22 37 24 | 7♍45'25 | 1♍34 | 6°R30 | 11°R55 | 8♌41 | 12°R56 | 2♎ 2 | 12♋56 | 17♎48 | 20♌ 5 | 9°R51 | 9♓55 | 6♋40 | 26°D48 | S 1 |
| S 2 | 22 41 21 | 8°43'30 | 14°10 | 5♍37 | 11♍19 | 9°19 | 12♈51 | 2° 9 | 12°59 | 17°49 | 20° 6 | 9°D51 | 9°52 | 6°47 | 26♐48 | S 2 |
| M 3 | 22 45 17 | 9°41'37 | 27° 1 | 4°46 | 10°42 | 9°57 | 12°46 | 2°16 | 13° 1 | 17°51 | 20° 8 | 9°R51 | 9°49 | 6°54 | 26°48 | M 3 |
| T 4 | 22 49 14 | 10°39'45 | 10♎ 5 | 3°59 | 10° 5 | 10°36 | 12°40 | 2°23 | 13° 3 | 17°53 | 20°10 | 9♓51 | 9°46 | 7° 0 | 26°48 | T 4 |
| W 5 | 22 53 10 | 11°37'55 | 23°22 | 3°17 | 9°28 | 11°14 | 12°34 | 2°30 | 13° 5 | 17°55 | 20°12 | 9°51 | 9°42 | 7° 7 | 26°49 | W 5 |
| T 6 | 22 57 7 | 12°36'06 | 6♏54 | 2°42 | 8°51 | 11°52 | 12°28 | 2°37 | 13° 8 | 17°57 | 20°13 | 9°50 | 9°39 | 7°14 | 26°49 | T 6 |
| F 7 | 23 1 4 | 13°34'19 | 20°38 | 2°14 | 8°14 | 12°30 | 12°22 | 2°44 | 13°10 | 17°59 | 20°15 | 9°50 | 9°36 | 7°21 | 26°49 | F 7 |
| S 8 | 23 5 0 | 14°32'34 | 4♐33 | 1°54 | 7°39 | 13° 8 | 12°16 | 2°51 | 13°12 | 18° 1 | 20°17 | 9°50 | 9°33 | 7°27 | 26°50 | S 8 |
| S 9 | 23 8 57 | 15°30'50 | 18°40 | 1°42 | 7° 4 | 13°46 | 12°10 | 2°58 | 13°14 | 18° 3 | 20°19 | 9°D50 | 9°30 | 7°34 | 26°51 | S 9 |
| M10 | 23 12 53 | 16°29'07 | 2♑55 | 1°D39 | 6°31 | 14°24 | 12° 3 | 3° 6 | 13°16 | 18° 5 | 20°20 | 9°50 | 9°27 | 7°41 | 26°51 | M10 |
| T 11 | 23 16 50 | 17°27'26 | 17°17 | 1°45 | 5°59 | 15° 1 | 11°57 | 3°13 | 13°18 | 18° 7 | 20°22 | 9°51 | 9°23 | 7°47 | 26°52 | T 11 |
| W12 | 23 20 46 | 18°25'47 | 1♒41 | 2° 0 | 5°28 | 15°39 | 11°50 | 3°20 | 13°20 | 18° 9 | 20°24 | 9°51 | 9°20 | 7°54 | 26°53 | W12 |
| T 13 | 23 24 43 | 19°24'09 | 16° 5 | 2°24 | 5° 0 | 16°17 | 11°43 | 3°27 | 13°22 | 18°11 | 20°25 | 9°52 | 9°17 | 8° 1 | 26°54 | T 13 |
| F 14 | 23 28 39 | 20°22'32 | 0♓23 | 2°57 | 4°33 | 16°55 | 11°36 | 3°35 | 13°24 | 18°13 | 20°27 | 9°52 | 9°14 | 8° 8 | 26°55 | F 14 |
| S 15 | 23 32 36 | 21°20'58 | 14°31 | 3°38 | 4° 8 | 17°33 | 11°29 | 3°42 | 13°26 | 18°15 | 20°29 | 9°R53 | 9°11 | 8°14 | 26°57 | S 15 |
| S 16 | 23 36 33 | 22°19'25 | 28°24 | 4°28 | 3°45 | 18°10 | 11°22 | 3°49 | 13°28 | 18°17 | 20°30 | 9°52 | 9° 7 | 8°21 | 26°58 | S 16 |
| M17 | 23 40 29 | 23°17'54 | 12♈ 0 | 5°26 | 3°25 | 18°48 | 11°15 | 3°57 | 13°30 | 18°19 | 20°32 | 9°51 | 9° 4 | 8°28 | 26°59 | M17 |
| T 18 | 23 44 26 | 24°16'25 | 25°17 | 6°30 | 3° 6 | 19°25 | 11° 8 | 4° 4 | 13°31 | 18°21 | 20°34 | 9°49 | 9° 1 | 8°34 | 27° 1 | T 18 |
| W19 | 23 48 22 | 25°14'58 | 8♉13 | 7°42 | 2°50 | 20° 3 | 11° 0 | 4°11 | 13°33 | 18°23 | 20°35 | 9°47 | 8°58 | 8°41 | 27° 2 | W19 |
| T 20 | 23 52 19 | 26°13'34 | 20°50 | 9° 0 | 2°37 | 20°41 | 10°53 | 4°19 | 13°35 | 18°25 | 20°37 | 9°45 | 8°55 | 8°48 | 27° 4 | T 20 |
| F 21 | 23 56 15 | 27°12'11 | 3♊10 | 10°23 | 2°26 | 21°18 | 10°45 | 4°26 | 13°36 | 18°27 | 20°38 | 9°43 | 8°52 | 8°54 | 27° 5 | F 21 |
| S 22 | 0 0 12 | 28°10'51 | 15°17 | 11°50 | 2°17 | 21°56 | 10°38 | 4°33 | 13°38 | 18°29 | 20°40 | 9°41 | 8°48 | 9° 1 | 27° 7 | S 22 |
| S 23 | 0 4 8 | 29° 9'33 | 27°14 | 13°23 | 2°11 | 22°33 | 10°30 | 4°41 | 13°39 | 18°31 | 20°42 | 9°D41 | 8°45 | 9° 8 | 27° 9 | S 23 |
| M24 | 0 8 5 | 0♎ 8'17 | 9♋ 7 | 14°58 | 2° 8 | 23°10 | 10°22 | 4°48 | 13°41 | 18°33 | 20°43 | 9°41 | 8°42 | 9°15 | 27°11 | M24 |
| T 25 | 0 12 2 | 1° 7'04 | 20°59 | 16°37 | 2°D 6 | 23°48 | 10°14 | 4°56 | 13°42 | 18°36 | 20°45 | 9°42 | 8°39 | 9°21 | 27°13 | T 25 |
| W26 | 0 15 58 | 2° 5'53 | 2♌56 | 18°18 | 2° 7 | 24°25 | 10° 6 | 5° 3 | 13°43 | 18°38 | 20°46 | 9°44 | 8°36 | 9°28 | 27°15 | W26 |
| T 27 | 0 19 55 | 3° 4'44 | 15° 2 | 20° 1 | 2°11 | 25° 2 | 9°58 | 5°10 | 13°45 | 18°40 | 20°48 | 9°45 | 8°33 | 9°35 | 27°18 | T 27 |
| F 28 | 0 23 51 | 4° 3'37 | 27°21 | 21°46 | 2°16 | 25°40 | 9°50 | 5°18 | 13°46 | 18°42 | 20°49 | 9°47 | 8°29 | 9°41 | 27°20 | F 28 |
| S 29 | 0 27 48 | 5° 2'32 | 9♍56 | 23°32 | 2°24 | 26°17 | 9°42 | 5°25 | 13°47 | 18°44 | 20°50 | 9°R47 | 8°26 | 9°48 | 27°22 | S 29 |
| S 30 | 0 31 44 | 6♎ 1'29 | 22♍49 | 25♍20 | 2♍35 | 26♌54 | 9♈34 | 5♎33 | 13♋48 | 18♎46 | 20♌52 | 9♓47 | 8♓23 | 9♋55 | 27♐25 | 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 | 8n40 | 11n38 | 0n46 | 5n30 | 3s54 | 0s46 | 8s30 | 19n 9 | 1n 5 | 3n40 | 1s35 | 1n10 | 2n 9 | 23n 9 | 0n20 | 5s30 | 1n36 | 22n52 | 8n31 | 7s53 | 7s51 | 27n52 | 17s 1 | 6n23 |
| S 2 | 8 18 | 5 52 | 0s24 | 6 3 | 3 40 | 0 36 | 8 34 | 18 59 | 1 6 | 3 37 | 1 35 | 1 7 | 2 9 | 23 9 | 0 20 | 5 31 | 1 36 | 22 51 | 8 32 | 7 53 | 7 52 | 27 52 | 17 2 | 6 23 |
| M 3 | 7 56 | 0s15 | 1 34 | 6 35 | 3 25 | 0 25 | 8 36 | 18 49 | 1 6 | 3 35 | 1 35 | 1 4 | 2 9 | 23 9 | 0 20 | 5 32 | 1 36 | 22 51 | 8 32 | 7 53 | 7 54 | 27 51 | 17 2 | 6 22 |
| T 4 | 7 34 | 6 27 | 2 40 | 7 7 | 3 9 | 0 13 | 8 38 | 18 39 | 1 7 | 3 33 | 1 35 | 1 2 | 2 9 | 23 9 | 0 20 | 5 32 | 1 36 | 22 50 | 8 32 | 7 53 | 7 55 | 27 50 | 17 3 | 6 22 |
| W 5 | 7 12 | 12 28 | 3 39 | 7 39 | 2 51 | 0 0 | 8 39 | 18 29 | 1 7 | 3 30 | 1 35 | 0 59 | 2 9 | 23 8 | 0 20 | 5 33 | 1 36 | 22 50 | 8 32 | 7 53 | 7 56 | 27 49 | 17 3 | 6 21 |
| T 6 | 6 50 | 18 0 | 4 26 | 8 8 | 2 33 | 0n13 | 8 39 | 18 19 | 1 7 | 3 28 | 1 36 | 0 56 | 2 9 | 23 8 | 0 20 | 5 34 | 1 36 | 22 50 | 8 32 | 7 53 | 7 57 | 27 48 | 17 4 | 6 21 |
| F 7 | 6 28 | 22 43 | 4 59 | 8 36 | 2 14 | 0 28 | 8 38 | 18 9 | 1 8 | 3 25 | 1 36 | 0 53 | 2 9 | 23 8 | 0 20 | 5 35 | 1 36 | 22 49 | 8 32 | 7 53 | 7 58 | 27 48 | 17 4 | 6 21 |
| S 8 | 6 5 | 26 13 | 5 15 | 9 1 | 1 55 | 0 42 | 8 36 | 17 58 | 1 8 | 3 23 | 1 36 | 0 50 | 2 9 | 23 8 | 0 20 | 5 35 | 1 36 | 22 49 | 8 32 | 7 53 | 8 0 | 27 47 | 17 5 | 6 20 |
| S 9 | 5 43 | 28 10 | 5 13 | 9 24 | 1 35 | 0 57 | 8 34 | 17 48 | 1 9 | 3 20 | 1 36 | 0 47 | 2 9 | 23 8 | 0 20 | 5 36 | 1 36 | 22 48 | 8 33 | 7 53 | 8 1 | 27 46 | 17 5 | 6 20 |
| M10 | 5 20 | 28 16 | 4 52 | 9 43 | 1 16 | 1 13 | 8 30 | 17 37 | 1 9 | 3 17 | 1 36 | 0 44 | 2 9 | 23 7 | 0 20 | 5 37 | 1 36 | 22 48 | 8 33 | 7 53 | 8 2 | 27 45 | 17 6 | 6 19 |
| T 11 | 4 57 | 26 30 | 4 12 | 9 58 | 0 57 | 1 29 | 8 26 | 17 26 | 1 9 | 3 15 | 1 37 | 0 41 | 2 9 | 23 7 | 0 20 | 5 38 | 1 36 | 22 47 | 8 33 | 7 53 | 8 3 | 27 44 | 17 6 | 6 19 |
| W12 | 4 35 | 22 59 | 3 16 | 10 10 | 0 39 | 1 44 | 8 20 | 17 16 | 1 10 | 3 12 | 1 37 | 0 39 | 2 9 | 23 7 | 0 20 | 5 38 | 1 36 | 22 47 | 8 33 | 7 53 | 8 4 | 27 44 | 17 7 | 6 18 |
| T 13 | 4 12 | 18 3 | 2 8 | 10 18 | 0 21 | 2 0 | 8 14 | 17 5 | 1 10 | 3 9 | 1 37 | 0 36 | 2 9 | 23 7 | 0 20 | 5 39 | 1 36 | 22 47 | 8 33 | 7 52 | 8 6 | 27 43 | 17 7 | 6 18 |
| F 14 | 3 49 | 12 9 | 0 52 | 10 21 | 0 5 | 2 16 | 8 8 | 16 54 | 1 11 | 3 6 | 1 37 | 0 33 | 2 9 | 23 7 | 0 20 | 5 40 | 1 36 | 22 46 | 8 34 | 7 52 | 8 7 | 27 42 | 17 8 | 6 17 |
| S 15 | 3 26 | 5 42 | 0n26 | 10 21 | 0n11 | 2 32 | 8 0 | 16 43 | 1 11 | 3 3 | 1 37 | 0 30 | 2 9 | 23 7 | 0 21 | 5 41 | 1 36 | 22 46 | 8 34 | 7 52 | 8 8 | 27 41 | 17 8 | 6 17 |
| S 16 | 3 3 | 0n54 | 1 41 | 10 16 | 0 26 | 2 47 | 7 52 | 16 31 | 1 11 | 3 1 | 1 37 | 0 27 | 2 9 | 23 6 | 0 21 | 5 42 | 1 36 | 22 46 | 8 34 | 7 52 | 8 9 | 27 40 | 17 9 | 6 16 |
| M17 | 2 40 | 7 20 | 2 48 | 10 8 | 0 39 | 3 3 | 7 44 | 16 20 | 1 12 | 2 58 | 1 37 | 0 24 | 2 9 | 23 6 | 0 21 | 5 42 | 1 36 | 22 45 | 8 34 | 7 53 | 8 10 | 27 39 | 17 9 | 6 16 |
| T 18 | 2 17 | 13 17 | 3 45 | 9 56 | 0 52 | 3 18 | 7 35 | 16 9 | 1 12 | 2 55 | 1 37 | 0 21 | 2 9 | 23 6 | 0 21 | 5 43 | 1 36 | 22 45 | 8 34 | 7 53 | 8 11 | 27 38 | 17 10 | 6 15 |
| W19 | 1 53 | 18 29 | 4 29 | 9 39 | 1 3 | 3 32 | 7 25 | 15 57 | 1 13 | 2 52 | 1 38 | 0 18 | 2 9 | 23 6 | 0 21 | 5 44 | 1 36 | 22 45 | 8 35 | 7 54 | 8 13 | 27 38 | 17 10 | 6 15 |
| T 20 | 1 30 | 22 46 | 4 58 | 9 20 | 1 13 | 3 46 | 7 15 | 15 46 | 1 13 | 2 49 | 1 38 | 0 15 | 2 9 | 23 6 | 0 21 | 5 45 | 1 36 | 22 44 | 8 35 | 7 55 | 8 14 | 27 37 | 17 11 | 6 14 |
| F 21 | 1 7 | 25 55 | 5 13 | 8 56 | 1 22 | 3 59 | 7 5 | 15 34 | 1 13 | 2 46 | 1 38 | 0 12 | 2 9 | 23 6 | 0 21 | 5 46 | 1 36 | 22 44 | 8 35 | 7 56 | 8 15 | 27 36 | 17 11 | 6 14 |
| S 22 | 0 43 | 27 50 | 5 14 | 8 30 | 1 29 | 4 12 | 6 55 | 15 22 | 1 14 | 2 42 | 1 38 | 0 9 | 2 9 | 23 6 | 0 21 | 5 46 | 1 36 | 22 44 | 8 35 | 7 56 | 8 16 | 27 35 | 17 12 | 6 13 |
| S 23 | 0 20 | 28 26 | 5 1 | 8 1 | 1 36 | 4 24 | 6 44 | 15 10 | 1 14 | 2 39 | 1 38 | 0 6 | 2 9 | 23 5 | 0 21 | 5 47 | 1 36 | 22 43 | 8 35 | 7 57 | 8 17 | 27 34 | 17 12 | 6 13 |
| M24 | 0s 3 | 27 42 | 4 35 | 7 29 | 1 41 | 4 36 | 6 33 | 14 58 | 1 15 | 2 36 | 1 38 | 0 4 | 2 9 | 23 5 | 0 21 | 5 48 | 1 36 | 22 43 | 8 36 | 7 56 | 8 19 | 27 33 | 17 13 | 6 13 |
| T 25 | 0 27 | 25 43 | 3 57 | 6 54 | 1 45 | 4 47 | 6 22 | 14 46 | 1 15 | 2 33 | 1 38 | 0 1 | 2 9 | 23 5 | 0 21 | 5 49 | 1 36 | 22 43 | 8 36 | 7 56 | 8 20 | 27 32 | 17 13 | 6 12 |
| W26 | 0 50 | 22 34 | 3 9 | 6 18 | 1 49 | 4 57 | 6 10 | 14 34 | 1 15 | 2 30 | 1 38 | 0s 2 | 2 9 | 23 5 | 0 21 | 5 50 | 1 36 | 22 43 | 8 36 | 7 55 | 8 21 | 27 31 | 17 14 | 6 12 |
| T 27 | 1 13 | 18 26 | 2 12 | 5 39 | 1 51 | 5 7 | 5 59 | 14 22 | 1 16 | 2 27 | 1 38 | 0 5 | 2 9 | 23 5 | 0 21 | 5 50 | 1 36 | 22 42 | 8 36 | 7 55 | 8 22 | 27 30 | 17 14 | 6 11 |
| F 28 | 1 37 | 13 27 | 1 8 | 4 59 | 1 52 | 5 15 | 5 47 | 14 10 | 1 16 | 2 24 | 1 38 | 0 8 | 2 9 | 23 5 | 0 21 | 5 51 | 1 36 | 22 42 | 8 37 | 7 54 | 8 23 | 27 29 | 17 15 | 6 11 |
| S 29 | 2 0 | 7 50 | 0s 1 | 4 17 | 1 53 | 5 23 | 5 36 | 13 58 | 1 16 | 2 20 | 1 38 | 0 11 | 2 9 | 23 5 | 0 21 | 5 52 | 1 36 | 22 42 | 8 37 | 7 54 | 8 25 | 27 28 | 17 15 | 6 10 |
| S 30 | 2s24 | 1n46 | 1s11 | 3n35 | 1n53 | 5n31 | 5s24 | 13n45 | 1n17 | 2n17 | 1s38 | 0s14 | 2n 9 | 23n 5 | 0n21 | 5s53 | 1n36 | 22n41 | 8n37 | 7s54 | 8s26 | 27n27 | 17s16 | 6n10 |

Julian Day Number = 2433890.5, Delta T = 29.58 sec
Ecliptic obliquity = 23°26'53, Nutation = 0°00'07
Ayanamsha: Fagan/Bradley = 24°03'55, Lahiri = 23°10'55


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## OCTOBER 1951 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 0 35 41 | 7♎ 0'29 | 6♎ 0 | 27♍ 7 | 2♍47 | 27♌31 | 9°R26 | 5♎40 | 13♋49 | 18♎49 | 20♌53 | 9°R45 | 8♓20 | 10♋ 1 | 27♐27 | M 1 |
| T 2 | 0 39 37 | 7°59'30 | 19°29 | 28°55 | 3° 1 | 28° 8 | 9♈18 | 5°47 | 13°50 | 18°51 | 20°55 | 9♓41 | 8°17 | 10° 8 | 27°30 | T 2 |
| W 3 | 0 43 34 | 8°58'34 | 3♏14 | 0♎43 | 3°18 | 28°45 | 9°10 | 5°55 | 13°51 | 18°53 | 20°56 | 9°37 | 8°13 | 10°15 | 27°32 | W 3 |
| T 4 | 0 47 30 | 9°57'39 | 17°12 | 2°31 | 3°36 | 29°23 | 9° 2 | 6° 2 | 13°52 | 18°55 | 20°57 | 9°32 | 8°10 | 10°22 | 27°35 | T 4 |
| F 5 | 0 51 27 | 10°56'46 | 1♐18 | 4°19 | 3°56 | 29°59 | 8°54 | 6°10 | 13°53 | 18°57 | 20°59 | 9°28 | 8° 7 | 10°28 | 27°38 | F 5 |
| S 6 | 0 55 24 | 11°55'56 | 15°29 | 6° 7 | 4°18 | 0♍36 | 8°46 | 6°17 | 13°54 | 19° 0 | 21° 0 | 9°24 | 8° 4 | 10°35 | 27°41 | S 6 |
| S 7 | 0 59 20 | 12°55'07 | 29°42 | 7°54 | 4°42 | 1°13 | 8°38 | 6°24 | 13°55 | 19° 2 | 21° 1 | 9°22 | 8° 1 | 10°42 | 27°44 | S 7 |
| M 8 | 1 3 17 | 13°54'19 | 13♑54 | 9°40 | 5° 8 | 1°50 | 8°30 | 6°32 | 13°55 | 19° 4 | 21° 2 | 9°D22 | 7°58 | 10°48 | 27°47 | M 8 |
| T 9 | 1 7 13 | 14°53'34 | 28° 3 | 11°26 | 5°35 | 2°27 | 8°22 | 6°39 | 13°56 | 19° 6 | 21° 4 | 9°22 | 7°54 | 10°55 | 27°50 | T 9 |
| W10 | 1 11 10 | 15°52'50 | 12♒ 7 | 13°12 | 6° 4 | 3° 4 | 8°14 | 6°47 | 13°57 | 19° 9 | 21° 5 | 9°23 | 7°51 | 11° 2 | 27°54 | W10 |
| T 11 | 1 15 6 | 16°52'08 | 26° 5 | 14°56 | 6°34 | 3°41 | 8° 6 | 6°54 | 13°57 | 19°11 | 21° 6 | 9°25 | 7°48 | 11° 8 | 27°57 | T 11 |
| F 12 | 1 19 3 | 17°51'28 | 9♓55 | 16°40 | 7° 6 | 4°17 | 7°58 | 7° 1 | 13°58 | 19°13 | 21° 7 | 9°R25 | 7°45 | 11°15 | 28° 0 | F 12 |
| S 13 | 1 23 0 | 18°50'49 | 23°36 | 18°24 | 7°40 | 4°54 | 7°50 | 7° 9 | 13°58 | 19°15 | 21° 8 | 9°25 | 7°42 | 11°22 | 28° 4 | S 13 |
| S 14 | 1 26 56 | 19°50'12 | 7♈ 6 | 20° 7 | 8°14 | 5°31 | 7°43 | 7°16 | 13°58 | 19°18 | 21°10 | 9°22 | 7°39 | 11°29 | 28° 7 | S 14 |
| M15 | 1 30 53 | 20°49'38 | 20°24 | 21°49 | 8°50 | 6° 7 | 7°35 | 7°23 | 13°59 | 19°20 | 21°11 | 9°17 | 7°35 | 11°35 | 28°11 | M15 |
| T 16 | 1 34 49 | 21°49'05 | 3♉27 | 23°30 | 9°28 | 6°44 | 7°27 | 7°30 | 13°59 | 19°22 | 21°12 | 9°10 | 7°32 | 11°42 | 28°14 | T 16 |
| W17 | 1 38 46 | 22°48'34 | 16°14 | 25°11 | 10° 6 | 7°20 | 7°20 | 7°38 | 13°59 | 19°24 | 21°13 | 9° 2 | 7°29 | 11°49 | 28°18 | W17 |
| T 18 | 1 42 42 | 23°48'06 | 28°47 | 26°51 | 10°46 | 7°57 | 7°13 | 7°45 | 13°59 | 19°26 | 21°14 | 8°54 | 7°26 | 11°55 | 28°22 | T 18 |
| F 19 | 1 46 39 | 24°47'40 | 11♊ 4 | 28°30 | 11°27 | 8°33 | 7° 5 | 7°52 | 14° 0 | 19°29 | 21°15 | 8°47 | 7°23 | 12° 2 | 28°26 | F 19 |
| S 20 | 1 50 35 | 25°47'16 | 23°10 | 0♏ 9 | 12°10 | 9° 9 | 6°58 | 7°59 | 14° 0 | 19°31 | 21°16 | 8°40 | 7°19 | 12° 9 | 28°30 | S 20 |
| S 21 | 1 54 32 | 26°46'55 | 5♋ 6 | 1°47 | 12°53 | 9°46 | 6°51 | 8° 7 | 14°R 0 | 19°33 | 21°17 | 8°35 | 7°16 | 12°15 | 28°34 | S 21 |
| M22 | 1 58 28 | 27°46'35 | 16°58 | 3°24 | 13°37 | 10°22 | 6°44 | 8°14 | 14° 0 | 19°35 | 21°18 | 8°33 | 7°13 | 12°22 | 28°38 | M22 |
| T 23 | 2 2 25 | 28°46'18 | 28°48 | 5° 1 | 14°22 | 10°58 | 6°37 | 8°21 | 14° 0 | 19°38 | 21°19 | 8°D32 | 7°10 | 12°29 | 28°42 | T 23 |
| W24 | 2 6 22 | 29°46'03 | 10♌44 | 6°37 | 15° 9 | 11°34 | 6°30 | 8°28 | 13°59 | 19°40 | 21°19 | 8°33 | 7° 7 | 12°36 | 28°46 | W24 |
| T 25 | 2 10 18 | 0♏45'50 | 22°49 | 8°13 | 15°56 | 12°11 | 6°23 | 8°35 | 13°59 | 19°42 | 21°20 | 8°34 | 7° 4 | 12°42 | 28°51 | T 25 |
| F 26 | 2 14 15 | 1°45'40 | 5♍10 | 9°48 | 16°44 | 12°47 | 6°17 | 8°42 | 13°59 | 19°44 | 21°21 | 8°R35 | 7° 0 | 12°49 | 28°55 | F 26 |
| S 27 | 2 18 11 | 2°45'32 | 17°50 | 11°23 | 17°33 | 13°23 | 6°10 | 8°49 | 13°59 | 19°46 | 21°22 | 8°34 | 6°57 | 12°56 | 28°59 | S 27 |
| S 28 | 2 22 8 | 3°45'25 | 0♎52 | 12°57 | 18°23 | 13°59 | 6° 4 | 8°56 | 13°58 | 19°49 | 21°23 | 8°32 | 6°54 | 13° 2 | 29° 4 | S 28 |
| M29 | 2 26 4 | 4°45'21 | 14°19 | 14°31 | 19°13 | 14°35 | 5°58 | 9° 3 | 13°58 | 19°51 | 21°23 | 8°27 | 6°51 | 13° 9 | 29° 8 | M29 |
| T 30 | 2 30 1 | 5°45'19 | 28° 9 | 16° 4 | 20° 5 | 15°11 | 5°52 | 9°10 | 13°57 | 19°53 | 21°24 | 8°20 | 6°48 | 13°16 | 29°13 | T 30 |
| W31 | 2 33 57 | 6♏45'19 | 12♏20 | 17♏36 | 20♍57 | 15♍47 | 5♈46 | 9♎17 | 13♋57 | 19♎55 | 21♌25 | 8♓11 | 6♓44 | 13♋22 | 29♐17 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 2s47 | 4s31 | 2s19 | 2n51 | 1n52 | 5n37 | 5s13 | 13n33 | 1n17 | 2n14 | 1s38 | 0s17 | 2n 9 | 23n 5 | 0n21 | 5s54 | 1n36 | 22n41 | 8n37 | 7s55 | 8s27 | 27n26 | 17s16 | 6n 9 |
| T 2 | 3 10 | 10 43 | 3 20 | 2 7 | 1 50 | 5 43 | 5 1 | 13 20 | 1 18 | 2 11 | 1 38 | 0 20 | 2 9 | 23 5 | 0 21 | 5 55 | 1 36 | 22 41 | 8 37 | 7 56 | 8 28 | 27 25 | 17 17 | 6 9 |
| W 3 | 3 34 | 16 32 | 4 12 | 1 22 | 1 48 | 5 48 | 4 50 | 13 8 | 1 18 | 2 8 | 1 38 | 0 23 | 2 9 | 23 5 | 0 21 | 5 55 | 1 36 | 22 41 | 8 38 | 7 58 | 8 29 | 27 24 | 17 17 | 6 8 |
| T 4 | 3 57 | 21 35 | 4 49 | 0 36 | 1 45 | 5 52 | 4 38 | 12 55 | 1 18 | 2 5 | 1 38 | 0 26 | 2 9 | 23 4 | 0 21 | 5 56 | 1 36 | 22 41 | 8 38 | 8 0 | 8 31 | 27 23 | 17 18 | 6 8 |
| F 5 | 4 20 | 25 28 | 5 9 | 0s10 | 1 42 | 5 55 | 4 27 | 12 42 | 1 19 | 2 1 | 1 38 | 0 28 | 2 9 | 23 4 | 0 21 | 5 57 | 1 36 | 22 40 | 8 38 | 8 1 | 8 32 | 27 22 | 17 18 | 6 8 |
| S 6 | 4 43 | 27 48 | 5 10 | 0 56 | 1 38 | 5 58 | 4 15 | 12 30 | 1 19 | 1 58 | 1 38 | 0 31 | 2 9 | 23 4 | 0 21 | 5 58 | 1 36 | 22 40 | 8 39 | 8 3 | 8 33 | 27 21 | 17 19 | 6 7 |
| S 7 | 5 6 | 28 19 | 4 53 | 1 42 | 1 34 | 6 0 | 4 4 | 12 17 | 1 19 | 1 55 | 1 38 | 0 34 | 2 9 | 23 4 | 0 21 | 5 59 | 1 36 | 22 40 | 8 39 | 8 4 | 8 34 | 27 20 | 17 19 | 6 7 |
| M 8 | 5 29 | 26 59 | 4 17 | 2 28 | 1 29 | 6 1 | 3 53 | 12 4 | 1 20 | 1 52 | 1 38 | 0 37 | 2 9 | 23 4 | 0 21 | 6 0 | 1 36 | 22 40 | 8 39 | 8 4 | 8 35 | 27 19 | 17 20 | 6 6 |
| T 9 | 5 52 | 23 55 | 3 26 | 3 14 | 1 25 | 6 1 | 3 42 | 11 51 | 1 20 | 1 49 | 1 38 | 0 40 | 2 9 | 23 4 | 0 21 | 6 1 | 1 36 | 22 40 | 8 39 | 8 4 | 8 36 | 27 18 | 17 20 | 6 6 |
| W10 | 6 15 | 19 27 | 2 23 | 3 59 | 1 20 | 6 1 | 3 31 | 11 38 | 1 21 | 1 46 | 1 38 | 0 43 | 2 9 | 23 4 | 0 21 | 6 1 | 1 36 | 22 40 | 8 40 | 8 3 | 8 38 | 27 17 | 17 20 | 6 5 |
| T 11 | 6 38 | 13 57 | 1 12 | 4 45 | 1 14 | 6 0 | 3 20 | 11 25 | 1 21 | 1 43 | 1 38 | 0 46 | 2 9 | 23 4 | 0 21 | 6 2 | 1 36 | 22 39 | 8 40 | 8 3 | 8 39 | 27 16 | 17 21 | 6 5 |
| F 12 | 7 1 | 7 49 | 0n 3 | 5 30 | 1 8 | 5 58 | 3 10 | 11 12 | 1 21 | 1 40 | 1 38 | 0 48 | 2 9 | 23 4 | 0 21 | 6 3 | 1 36 | 22 39 | 8 40 | 8 2 | 8 40 | 27 15 | 17 21 | 6 5 |
| S 13 | 7 23 | 1 22 | 1 16 | 6 15 | 1 3 | 5 56 | 2 59 | 10 59 | 1 22 | 1 37 | 1 38 | 0 51 | 2 9 | 23 4 | 0 21 | 6 4 | 1 36 | 22 39 | 8 40 | 8 3 | 8 41 | 27 14 | 17 22 | 6 4 |
| S 14 | 7 46 | 5n 2 | 2 24 | 6 59 | 0 57 | 5 52 | 2 49 | 10 46 | 1 22 | 1 34 | 1 38 | 0 54 | 2 9 | 23 4 | 0 21 | 6 5 | 1 36 | 22 39 | 8 41 | 8 4 | 8 42 | 27 13 | 17 22 | 6 4 |
| M15 | 8 8 | 11 7 | 3 23 | 7 43 | 0 50 | 5 48 | 2 39 | 10 33 | 1 22 | 1 31 | 1 38 | 0 57 | 2 10 | 23 4 | 0 21 | 6 6 | 1 36 | 22 39 | 8 41 | 8 6 | 8 44 | 27 12 | 17 23 | 6 3 |
| T 16 | 8 30 | 16 35 | 4 11 | 8 27 | 0 44 | 5 44 | 2 29 | 10 20 | 1 23 | 1 28 | 1 38 | 1 0 | 2 10 | 23 4 | 0 21 | 6 6 | 1 36 | 22 39 | 8 41 | 8 8 | 8 45 | 27 11 | 17 23 | 6 3 |
| W17 | 8 52 | 21 14 | 4 44 | 9 10 | 0 38 | 5 38 | 2 19 | 10 6 | 1 23 | 1 25 | 1 37 | 1 3 | 2 10 | 23 4 | 0 21 | 6 7 | 1 36 | 22 39 | 8 42 | 8 11 | 8 46 | 27 10 | 17 24 | 6 3 |
| T 18 | 9 14 | 24 49 | 5 3 | 9 52 | 0 31 | 5 32 | 2 9 | 9 53 | 1 23 | 1 22 | 1 37 | 1 5 | 2 10 | 23 4 | 0 21 | 6 8 | 1 36 | 22 39 | 8 42 | 8 14 | 8 47 | 27 8 | 17 24 | 6 2 |
| F 19 | 9 36 | 27 11 | 5 7 | 10 34 | 0 24 | 5 26 | 2 0 | 9 40 | 1 24 | 1 20 | 1 37 | 1 8 | 2 10 | 23 4 | 0 21 | 6 9 | 1 36 | 22 39 | 8 42 | 8 17 | 8 48 | 27 7 | 17 25 | 6 2 |
| S 20 | 9 58 | 28 14 | 4 58 | 11 15 | 0 18 | 5 18 | 1 50 | 9 26 | 1 24 | 1 17 | 1 37 | 1 11 | 2 10 | 23 4 | 0 21 | 6 10 | 1 36 | 22 39 | 8 42 | 8 19 | 8 49 | 27 6 | 17 25 | 6 1 |
| S 21 | 10 20 | 27 56 | 4 36 | 11 55 | 0 11 | 5 10 | 1 41 | 9 13 | 1 24 | 1 14 | 1 37 | 1 14 | 2 10 | 23 4 | 0 22 | 6 11 | 1 36 | 22 39 | 8 43 | 8 21 | 8 51 | 27 5 | 17 25 | 6 1 |
| M22 | 10 41 | 26 22 | 4 2 | 12 35 | 0 4 | 5 2 | 1 32 | 8 59 | 1 25 | 1 11 | 1 37 | 1 16 | 2 10 | 23 4 | 0 22 | 6 11 | 1 36 | 22 39 | 8 43 | 8 22 | 8 52 | 27 4 | 17 26 | 6 1 |
| T 23 | 11 2 | 23 37 | 3 17 | 13 14 | 0s 3 | 4 52 | 1 23 | 8 46 | 1 25 | 1 9 | 1 37 | 1 19 | 2 10 | 23 4 | 0 22 | 6 12 | 1 36 | 22 39 | 8 43 | 8 22 | 8 53 | 27 3 | 17 26 | 6 0 |
| W24 | 11 24 | 19 51 | 2 24 | 13 53 | 0 9 | 4 42 | 1 15 | 8 33 | 1 26 | 1 6 | 1 37 | 1 22 | 2 10 | 23 4 | 0 22 | 6 13 | 1 36 | 22 39 | 8 44 | 8 22 | 8 54 | 27 2 | 17 27 | 6 0 |
| T 25 | 11 45 | 15 14 | 1 24 | 14 30 | 0 16 | 4 32 | 1 6 | 8 19 | 1 26 | 1 4 | 1 36 | 1 24 | 2 10 | 23 4 | 0 22 | 6 14 | 1 36 | 22 39 | 8 44 | 8 22 | 8 55 | 27 0 | 17 27 | 6 0 |
| F 26 | 12 5 | 9 54 | 0 18 | 15 7 | 0 23 | 4 21 | 0 58 | 8 6 | 1 26 | 1 1 | 1 36 | 1 27 | 2 11 | 23 4 | 0 22 | 6 15 | 1 36 | 22 39 | 8 44 | 8 21 | 8 57 | 26 59 | 17 27 | 5 59 |
| S 27 | 12 26 | 4 3 | 0s49 | 15 43 | 0 30 | 4 9 | 0 50 | 7 52 | 1 27 | 0 59 | 1 36 | 1 30 | 2 11 | 23 4 | 0 22 | 6 16 | 1 36 | 22 39 | 8 45 | 8 22 | 8 58 | 26 58 | 17 28 | 5 59 |
| S 28 | 12 46 | 2s 8 | 1 57 | 16 18 | 0 36 | 3 57 | 0 42 | 7 38 | 1 27 | 0 57 | 1 36 | 1 32 | 2 11 | 23 4 | 0 22 | 6 16 | 1 36 | 22 39 | 8 45 | 8 22 | 8 59 | 26 57 | 17 28 | 5 59 |
| M29 | 13 7 | 8 24 | 2 59 | 16 53 | 0 43 | 3 45 | 0 34 | 7 25 | 1 27 | 0 54 | 1 36 | 1 35 | 2 11 | 23 5 | 0 22 | 6 17 | 1 36 | 22 39 | 8 45 | 8 24 | 9 0 | 26 56 | 17 28 | 5 58 |
| T 30 | 13 27 | 14 27 | 3 53 | 17 26 | 0 50 | 3 32 | 0 26 | 7 11 | 1 28 | 0 52 | 1 35 | 1 38 | 2 11 | 23 5 | 0 22 | 6 18 | 1 36 | 22 39 | 8 45 | 8 27 | 9 1 | 26 54 | 17 29 | 5 58 |
| W31 | 13s47 | 19s53 | 4s34 | 17s59 | 0s56 | 3n18 | 0s19 | 6n58 | 1n28 | 0n50 | 1s35 | 1s40 | 2n11 | 23n 5 | 0n22 | 6s19 | 1n36 | 22n39 | 8n46 | 8s30 | 9s 2 | 26n53 | 17s29 | 5n58 |

Julian Day Number = 2433920.5, Delta T = 29.61 sec
Ecliptic obliquity = 23°26'53, Nutation = 0°00'06
Ayanamsha: Fagan/Bradley = 24°03'59, Lahiri = 23°10'59


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# ASTRODIENST EPHEMERIS for the year 1951

## NOVEMBER 1951 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 2 37 54 | 7♏45'21 | 26♏46 | 19♏ 9 | 21♍49 | 16♍22 | 5°R40 | 9♎24 | 13°R56 | 19♎57 | 21♌26 | 8°R 1 | 6♓41 | 13♋29 | 29♐22 | T 1 |
| F 2 | 2 41 51 | 8°45'25 | 11♐21 | 20°40 | 22°43 | 16°58 | 5♈35 | 9°30 | 13♋56 | 19°59 | 21°26 | 7♓52 | 6°38 | 13°36 | 29°27 | F 2 |
| S 3 | 2 45 47 | 9°45'30 | 25°57 | 22°12 | 23°37 | 17°34 | 5°29 | 9°37 | 13°55 | 20° 2 | 21°27 | 7°43 | 6°35 | 13°43 | 29°32 | S 3 |
| S 4 | 2 49 44 | 10°45'37 | 10♑29 | 23°43 | 24°32 | 18°10 | 5°24 | 9°44 | 13°54 | 20° 4 | 21°27 | 7°37 | 6°32 | 13°49 | 29°37 | S 4 |
| M 5 | 2 53 40 | 11°45'46 | 24°50 | 25°13 | 25°27 | 18°45 | 5°19 | 9°51 | 13°54 | 20° 6 | 21°28 | 7°34 | 6°29 | 13°56 | 29°41 | M 5 |
| T 6 | 2 57 37 | 12°45'56 | 8♒59 | 26°43 | 26°23 | 19°21 | 5°14 | 9°57 | 13°53 | 20° 8 | 21°28 | 7°D33 | 6°25 | 14° 3 | 29°46 | T 6 |
| W 7 | 3 1 33 | 13°46'07 | 22°54 | 28°13 | 27°20 | 19°56 | 5°10 | 10° 4 | 13°52 | 20°10 | 21°29 | 7°33 | 6°22 | 14° 9 | 29°51 | W 7 |
| T 8 | 3 5 30 | 14°46'20 | 6♓36 | 29°42 | 28°17 | 20°32 | 5° 5 | 10°10 | 13°51 | 20°12 | 21°29 | 7°R33 | 6°19 | 14°16 | 29°57 | T 8 |
| F 9 | 3 9 26 | 15°46'35 | 20° 5 | 1♐10 | 29°14 | 21° 7 | 5° 1 | 10°17 | 13°50 | 20°14 | 21°30 | 7°33 | 6°16 | 14°23 | 0♑ 2 | F 9 |
| S 10 | 3 13 23 | 16°46'51 | 3♈22 | 2°38 | 0♎13 | 21°42 | 4°57 | 10°23 | 13°49 | 20°16 | 21°30 | 7°30 | 6°13 | 14°29 | 0° 7 | S 10 |
| S 11 | 3 17 20 | 17°47'08 | 16°29 | 4° 6 | 1°11 | 22°18 | 4°53 | 10°30 | 13°48 | 20°18 | 21°31 | 7°24 | 6°10 | 14°36 | 0°12 | S 11 |
| M12 | 3 21 16 | 18°47'27 | 29°24 | 5°33 | 2°11 | 22°53 | 4°49 | 10°36 | 13°47 | 20°20 | 21°31 | 7°16 | 6° 6 | 14°43 | 0°17 | M12 |
| T 13 | 3 25 13 | 19°47'48 | 12♉ 8 | 6°59 | 3°10 | 23°28 | 4°45 | 10°43 | 13°46 | 20°22 | 21°31 | 7° 5 | 6° 3 | 14°49 | 0°23 | T 13 |
| W14 | 3 29 9 | 20°48'10 | 24°42 | 8°25 | 4°10 | 24° 3 | 4°42 | 10°49 | 13°44 | 20°24 | 21°32 | 6°52 | 6° 0 | 14°56 | 0°28 | W14 |
| T 15 | 3 33 6 | 21°48'34 | 7♊ 4 | 9°51 | 5°11 | 24°38 | 4°39 | 10°55 | 13°43 | 20°26 | 21°32 | 6°38 | 5°57 | 15° 3 | 0°33 | T 15 |
| F 16 | 3 37 2 | 22°49'00 | 19°15 | 11°15 | 6°12 | 25°13 | 4°36 | 11° 1 | 13°42 | 20°28 | 21°32 | 6°25 | 5°54 | 15°10 | 0°39 | F 16 |
| S 17 | 3 40 59 | 23°49'27 | 1♋16 | 12°39 | 7°13 | 25°48 | 4°33 | 11° 7 | 13°40 | 20°30 | 21°32 | 6°13 | 5°50 | 15°16 | 0°44 | S 17 |
| S 18 | 3 44 56 | 24°49'56 | 13°10 | 14° 2 | 8°15 | 26°23 | 4°30 | 11°13 | 13°39 | 20°32 | 21°33 | 6° 4 | 5°47 | 15°23 | 0°50 | S 18 |
| M19 | 3 48 52 | 25°50'27 | 24°59 | 15°24 | 9°17 | 26°58 | 4°28 | 11°19 | 13°37 | 20°34 | 21°33 | 5°58 | 5°44 | 15°30 | 0°55 | M19 |
| T 20 | 3 52 49 | 26°51'00 | 6♌48 | 16°44 | 10°20 | 27°33 | 4°26 | 11°25 | 13°36 | 20°36 | 21°33 | 5°54 | 5°41 | 15°36 | 1° 1 | T 20 |
| W21 | 3 56 45 | 27°51'34 | 18°41 | 18° 4 | 11°23 | 28° 7 | 4°24 | 11°31 | 13°34 | 20°38 | 21°33 | 5°52 | 5°38 | 15°43 | 1° 7 | W21 |
| T 22 | 4 0 42 | 28°52'10 | 0♍43 | 19°22 | 12°26 | 28°42 | 4°22 | 11°37 | 13°33 | 20°40 | 21°33 | 5°52 | 5°35 | 15°50 | 1°12 | T 22 |
| F 23 | 4 4 38 | 29°52'48 | 13° 0 | 20°38 | 13°30 | 29°17 | 4°20 | 11°43 | 13°31 | 20°42 | 21°33 | 5°52 | 5°31 | 15°56 | 1°18 | F 23 |
| S 24 | 4 8 35 | 0♐53'27 | 25°37 | 21°53 | 14°34 | 29°51 | 4°19 | 11°49 | 13°30 | 20°43 | 21°R33 | 5°51 | 5°28 | 16° 3 | 1°24 | S 24 |
| S 25 | 4 12 31 | 1°54'08 | 8♎40 | 23° 6 | 15°38 | 0♎26 | 4°18 | 11°54 | 13°28 | 20°45 | 21°33 | 5°48 | 5°25 | 16°10 | 1°29 | S 25 |
| M26 | 4 16 28 | 2°54'51 | 22°10 | 24°16 | 16°43 | 1° 0 | 4°17 | 12° 0 | 13°26 | 20°47 | 21°33 | 5°42 | 5°22 | 16°16 | 1°35 | M26 |
| T 27 | 4 20 24 | 3°55'35 | 6♏10 | 25°24 | 17°48 | 1°34 | 4°16 | 12° 5 | 13°24 | 20°49 | 21°33 | 5°33 | 5°19 | 16°23 | 1°41 | T 27 |
| W28 | 4 24 21 | 4°56'21 | 20°35 | 26°28 | 18°53 | 2° 8 | 4°15 | 12°11 | 13°22 | 20°50 | 21°33 | 5°22 | 5°16 | 16°30 | 1°47 | W28 |
| T 29 | 4 28 18 | 5°57'08 | 5♐22 | 27°29 | 19°58 | 2°43 | 4°15 | 12°16 | 13°21 | 20°52 | 21°33 | 5°10 | 5°12 | 16°37 | 1°53 | T 29 |
| F 30 | 4 32 14 | 6♐57'57 | 20♐22 | 28♐26 | 21♎ 4 | 3♎17 | 4°D15 | 12♎21 | 13♋19 | 20♎54 | 21♌32 | 4♓58 | 5♓ 9 | 16♋43 | 1♑59 | 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 | 14s 6 | 24s16 | 4s58 | 18s31 | 1s 2 | 3n 4 | 0s12 | 6n44 | 1n28 | 0n48 | 1s35 | 1s43 | 2n11 | 23n 5 | 0n22 | 6s20 | 1n36 | 22n39 | 8n46 | 8s34 | 9s 4 | 26n52 | 17s29 | 5n57 |
| F 2 | 14 25 | 27 9 | 5 3 | 19 2 | 1 9 | 2 49 | 0 5 | 6 30 | 1 29 | 0 46 | 1 35 | 1 45 | 2 11 | 23 5 | 0 22 | 6 20 | 1 36 | 22 39 | 8 46 | 8 38 | 9 5 | 26 51 | 17 30 | 5 57 |
| S 3 | 14 45 | 28 12 | 4 49 | 19 32 | 1 15 | 2 34 | 0n 2 | 6 17 | 1 29 | 0 44 | 1 35 | 1 48 | 2 11 | 23 5 | 0 22 | 6 21 | 1 36 | 22 39 | 8 47 | 8 41 | 9 6 | 26 50 | 17 30 | 5 57 |
| S 4 | 15 3 | 27 17 | 4 16 | 20 1 | 1 21 | 2 19 | 0 9 | 6 3 | 1 29 | 0 42 | 1 34 | 1 50 | 2 12 | 23 5 | 0 22 | 6 22 | 1 36 | 22 39 | 8 47 | 8 43 | 9 7 | 26 48 | 17 30 | 5 56 |
| M 5 | 15 22 | 24 33 | 3 27 | 20 29 | 1 27 | 2 3 | 0 16 | 5 50 | 1 30 | 0 40 | 1 34 | 1 53 | 2 12 | 23 5 | 0 22 | 6 23 | 1 36 | 22 39 | 8 47 | 8 44 | 9 8 | 26 47 | 17 31 | 5 56 |
| T 6 | 15 41 | 20 22 | 2 26 | 20 56 | 1 33 | 1 46 | 0 22 | 5 36 | 1 30 | 0 39 | 1 34 | 1 55 | 2 12 | 23 5 | 0 22 | 6 23 | 1 36 | 22 39 | 8 48 | 8 44 | 9 9 | 26 46 | 17 31 | 5 56 |
| W 7 | 15 59 | 15 6 | 1 17 | 21 22 | 1 38 | 1 30 | 0 28 | 5 22 | 1 30 | 0 37 | 1 34 | 1 58 | 2 12 | 23 5 | 0 22 | 6 24 | 1 36 | 22 39 | 8 48 | 8 44 | 9 11 | 26 45 | 17 31 | 5 56 |
| T 8 | 16 16 | 9 10 | 0 5 | 21 47 | 1 44 | 1 13 | 0 34 | 5 9 | 1 31 | 0 35 | 1 34 | 2 0 | 2 12 | 23 6 | 0 22 | 6 25 | 1 36 | 22 40 | 8 48 | 8 44 | 9 12 | 26 43 | 17 32 | 5 55 |
| F 9 | 16 34 | 2 55 | 1n 6 | 22 11 | 1 49 | 0 55 | 0 40 | 4 55 | 1 31 | 0 34 | 1 33 | 2 3 | 2 12 | 23 6 | 0 22 | 6 26 | 1 36 | 22 40 | 8 49 | 8 45 | 9 13 | 26 42 | 17 32 | 5 55 |
| S 10 | 16 51 | 3n22 | 2 12 | 22 33 | 1 54 | 0 37 | 0 46 | 4 41 | 1 31 | 0 33 | 1 33 | 2 5 | 2 12 | 23 6 | 0 22 | 6 26 | 1 36 | 22 40 | 8 49 | 8 46 | 9 14 | 26 41 | 17 32 | 5 55 |
| S 11 | 17 8 | 9 25 | 3 11 | 22 55 | 1 59 | 0 19 | 0 52 | 4 28 | 1 32 | 0 31 | 1 33 | 2 7 | 2 13 | 23 6 | 0 22 | 6 27 | 1 36 | 22 40 | 8 49 | 8 48 | 9 15 | 26 39 | 17 32 | 5 55 |
| M12 | 17 25 | 14 58 | 3 58 | 23 15 | 2 3 | 0 0 | 0 57 | 4 14 | 1 32 | 0 30 | 1 33 | 2 10 | 2 13 | 23 6 | 0 22 | 6 28 | 1 36 | 22 40 | 8 50 | 8 51 | 9 16 | 26 38 | 17 33 | 5 54 |
| T 13 | 17 42 | 19 49 | 4 33 | 23 35 | 2 7 | 0s18 | 1 2 | 4 0 | 1 32 | 0 29 | 1 32 | 2 12 | 2 13 | 23 6 | 0 22 | 6 29 | 1 36 | 22 41 | 8 50 | 8 55 | 9 18 | 26 37 | 17 33 | 5 54 |
| W14 | 17 58 | 23 42 | 4 54 | 23 53 | 2 12 | 0 38 | 1 7 | 3 47 | 1 33 | 0 28 | 1 32 | 2 14 | 2 13 | 23 6 | 0 22 | 6 29 | 1 36 | 22 41 | 8 50 | 9 0 | 9 19 | 26 36 | 17 33 | 5 54 |
| T 15 | 18 13 | 26 26 | 5 0 | 24 10 | 2 15 | 0 57 | 1 12 | 3 33 | 1 33 | 0 27 | 1 32 | 2 17 | 2 13 | 23 7 | 0 22 | 6 30 | 1 36 | 22 41 | 8 51 | 9 5 | 9 20 | 26 34 | 17 33 | 5 54 |
| F 16 | 18 29 | 27 53 | 4 53 | 24 25 | 2 19 | 1 17 | 1 17 | 3 20 | 1 33 | 0 26 | 1 31 | 2 19 | 2 13 | 23 7 | 0 22 | 6 31 | 1 36 | 22 41 | 8 51 | 9 10 | 9 21 | 26 33 | 17 33 | 5 53 |
| S 17 | 18 44 | 27 59 | 4 33 | 24 40 | 2 22 | 1 37 | 1 22 | 3 6 | 1 34 | 0 25 | 1 31 | 2 21 | 2 14 | 23 7 | 0 22 | 6 31 | 1 36 | 22 41 | 8 51 | 9 14 | 9 22 | 26 32 | 17 34 | 5 53 |
| S 18 | 18 59 | 26 47 | 4 1 | 24 53 | 2 24 | 1 57 | 1 26 | 2 52 | 1 34 | 0 24 | 1 31 | 2 23 | 2 14 | 23 7 | 0 22 | 6 32 | 1 36 | 22 42 | 8 52 | 9 17 | 9 24 | 26 30 | 17 34 | 5 53 |
| M19 | 19 13 | 24 23 | 3 18 | 25 5 | 2 27 | 2 18 | 1 30 | 2 39 | 1 34 | 0 23 | 1 31 | 2 26 | 2 14 | 23 7 | 0 22 | 6 33 | 1 36 | 22 42 | 8 52 | 9 20 | 9 25 | 26 29 | 17 34 | 5 53 |
| T 20 | 19 28 | 20 57 | 2 27 | 25 15 | 2 29 | 2 39 | 1 34 | 2 25 | 1 35 | 0 23 | 1 30 | 2 28 | 2 14 | 23 7 | 0 22 | 6 34 | 1 36 | 22 42 | 8 52 | 9 21 | 9 26 | 26 27 | 17 34 | 5 53 |
| W21 | 19 41 | 16 39 | 1 30 | 25 24 | 2 30 | 3 0 | 1 38 | 2 12 | 1 35 | 0 22 | 1 30 | 2 30 | 2 14 | 23 8 | 0 22 | 6 34 | 1 36 | 22 42 | 8 53 | 9 22 | 9 27 | 26 26 | 17 34 | 5 52 |
| T 22 | 19 55 | 11 39 | 0 27 | 25 32 | 2 31 | 3 21 | 1 42 | 1 58 | 1 35 | 0 22 | 1 30 | 2 32 | 2 15 | 23 8 | 0 22 | 6 35 | 1 36 | 22 43 | 8 53 | 9 22 | 9 28 | 26 25 | 17 34 | 5 52 |
| F 23 | 20 8 | 6 6 | 0s38 | 25 38 | 2 31 | 3 42 | 1 46 | 1 45 | 1 36 | 0 21 | 1 30 | 2 34 | 2 15 | 23 8 | 0 22 | 6 36 | 1 36 | 22 43 | 8 53 | 9 22 | 9 29 | 26 23 | 17 35 | 5 52 |
| S 24 | 20 21 | 0 10 | 1 42 | 25 43 | 2 31 | 4 4 | 1 49 | 1 32 | 1 36 | 0 21 | 1 29 | 2 36 | 2 15 | 23 8 | 0 22 | 6 36 | 1 37 | 22 43 | 8 54 | 9 22 | 9 31 | 26 22 | 17 35 | 5 52 |
| S 25 | 20 33 | 5s57 | 2 44 | 25 46 | 2 31 | 4 25 | 1 53 | 1 18 | 1 36 | 0 21 | 1 29 | 2 38 | 2 15 | 23 8 | 0 22 | 6 37 | 1 37 | 22 44 | 8 54 | 9 23 | 9 32 | 26 21 | 17 35 | 5 52 |
| M26 | 20 45 | 12 1 | 3 39 | 25 48 | 2 29 | 4 47 | 1 56 | 1 5 | 1 37 | 0 21 | 1 29 | 2 40 | 2 15 | 23 9 | 0 22 | 6 37 | 1 37 | 22 44 | 8 54 | 9 26 | 9 33 | 26 19 | 17 35 | 5 52 |
| T 27 | 20 57 | 17 42 | 4 22 | 25 49 | 2 27 | 5 9 | 1 59 | 0 51 | 1 37 | 0 21 | 1 28 | 2 42 | 2 15 | 23 9 | 0 22 | 6 38 | 1 37 | 22 44 | 8 55 | 9 29 | 9 34 | 26 18 | 17 35 | 5 51 |
| W28 | 21 8 | 22 34 | 4 50 | 25 48 | 2 24 | 5 31 | 2 2 | 0 38 | 1 37 | 0 21 | 1 28 | 2 44 | 2 16 | 23 9 | 0 22 | 6 39 | 1 37 | 22 45 | 8 55 | 9 33 | 9 35 | 26 16 | 17 35 | 5 51 |
| T 29 | 21 18 | 26 7 | 5 0 | 25 46 | 2 20 | 5 54 | 2 4 | 0 25 | 1 38 | 0 21 | 1 28 | 2 46 | 2 16 | 23 9 | 0 23 | 6 39 | 1 37 | 22 45 | 8 55 | 9 37 | 9 36 | 26 15 | 17 35 | 5 51 |
| F 30 | 21s29 | 27s54 | 4s49 | 25s42 | 2s15 | 6s16 | 2n 7 | 0n12 | 1n38 | 0n21 | 1s28 | 2s48 | 2n16 | 23n 9 | 0n23 | 6s40 | 1n37 | 22n45 | 8n55 | 9s42 | 9s38 | 26n13 | 17s35 | 5n51 |

Julian Day Number = 2433951.5, Delta T = 29.64 sec
Ecliptic obliquity = 23°26'52, Nutation = 0°00'05
Ayanamsha: Fagan/Bradley = 24°04'03, Lahiri = 23°11'03


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## DECEMBER 1951 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 4 36 11 | 7♐58'47 | 5♑24 | 29♐19 | 22♎10 | 3♎51 | 4♈15 | 12♎27 | 13°R17 | 20♎56 | 21°R32 | 4°R48 | 5♓ 6 | 16♋50 | 2♑ 5 | S 1 |
| S 2 | 4 40 7 | 8°59'38 | 20°20 | 0♑ 6 | 23°17 | 4°25 | 4°15 | 12°32 | 13♋15 | 20°57 | 21♌32 | 4♓40 | 5° 3 | 16°57 | 2°11 | S 2 |
| M 3 | 4 44 4 | 10° 0'29 | 5♒ 1 | 0°48 | 24°23 | 4°58 | 4°16 | 12°37 | 13°13 | 20°59 | 21°32 | 4°35 | 5° 0 | 17° 3 | 2°17 | M 3 |
| T 4 | 4 48 0 | 11° 1'22 | 19°23 | 1°22 | 25°30 | 5°32 | 4°16 | 12°42 | 13°11 | 21° 0 | 21°32 | 4°33 | 4°56 | 17°10 | 2°23 | T 4 |
| W 5 | 4 51 57 | 12° 2'15 | 3♓24 | 1°50 | 26°37 | 6° 6 | 4°17 | 12°47 | 13° 9 | 21° 2 | 21°31 | 4°32 | 4°53 | 17°17 | 2°29 | W 5 |
| T 6 | 4 55 54 | 13° 3'09 | 17° 3 | 2° 9 | 27°44 | 6°39 | 4°18 | 12°52 | 13° 6 | 21° 4 | 21°31 | 4°32 | 4°50 | 17°23 | 2°35 | T 6 |
| F 7 | 4 59 50 | 14° 4'03 | 0♈23 | 2°R19 | 28°51 | 7°13 | 4°20 | 12°57 | 13° 4 | 21° 5 | 21°30 | 4°31 | 4°47 | 17°30 | 2°41 | F 7 |
| S 8 | 5 3 47 | 15° 4'59 | 13°27 | 2°19 | 29°59 | 7°46 | 4°21 | 13° 1 | 13° 2 | 21° 7 | 21°30 | 4°28 | 4°44 | 17°37 | 2°47 | S 8 |
| S 9 | 5 7 43 | 16° 5'55 | 26°16 | 2° 8 | 1♏ 7 | 8°20 | 4°23 | 13° 6 | 13° 0 | 21° 8 | 21°30 | 4°23 | 4°41 | 17°43 | 2°53 | S 9 |
| M10 | 5 11 40 | 17° 6'52 | 8♉53 | 1°46 | 2°15 | 8°53 | 4°25 | 13°11 | 12°58 | 21° 9 | 21°29 | 4°14 | 4°37 | 17°50 | 3° 0 | M10 |
| T 11 | 5 15 36 | 18° 7'49 | 21°20 | 1°13 | 3°23 | 9°26 | 4°27 | 13°15 | 12°55 | 21°11 | 21°29 | 4° 3 | 4°34 | 17°57 | 3° 6 | T 11 |
| W12 | 5 19 33 | 19° 8'48 | 3♊37 | 0°28 | 4°32 | 9°59 | 4°29 | 13°19 | 12°53 | 21°12 | 21°28 | 3°50 | 4°31 | 18° 3 | 3°12 | W12 |
| T 13 | 5 23 29 | 20° 9'47 | 15°47 | 29♐33 | 5°40 | 10°32 | 4°32 | 13°24 | 12°51 | 21°14 | 21°28 | 3°35 | 4°28 | 18°10 | 3°18 | T 13 |
| F 14 | 5 27 26 | 21°10'47 | 27°49 | 28°27 | 6°49 | 11° 5 | 4°35 | 13°28 | 12°48 | 21°15 | 21°27 | 3°22 | 4°25 | 18°17 | 3°24 | F 14 |
| S 15 | 5 31 23 | 22°11'48 | 9♋45 | 27°14 | 7°58 | 11°38 | 4°38 | 13°32 | 12°46 | 21°16 | 21°27 | 3°10 | 4°22 | 18°24 | 3°31 | S 15 |
| S 16 | 5 35 19 | 23°12'49 | 21°36 | 25°55 | 9° 7 | 12°11 | 4°41 | 13°36 | 12°44 | 21°18 | 21°26 | 3° 0 | 4°18 | 18°30 | 3°37 | S 16 |
| M17 | 5 39 16 | 24°13'52 | 3♌24 | 24°33 | 10°17 | 12°43 | 4°44 | 13°40 | 12°41 | 21°19 | 21°25 | 2°53 | 4°15 | 18°37 | 3°43 | M17 |
| T 18 | 5 43 12 | 25°14'55 | 15°13 | 23°10 | 11°26 | 13°16 | 4°48 | 13°44 | 12°39 | 21°20 | 21°25 | 2°49 | 4°12 | 18°44 | 3°49 | T 18 |
| W19 | 5 47 9 | 26°15'59 | 27° 5 | 21°49 | 12°36 | 13°48 | 4°51 | 13°48 | 12°36 | 21°21 | 21°24 | 2°47 | 4° 9 | 18°50 | 3°56 | W19 |
| T 20 | 5 51 5 | 27°17'04 | 9♍ 5 | 20°34 | 13°45 | 14°21 | 4°55 | 13°51 | 12°34 | 21°22 | 21°23 | 2°D47 | 4° 6 | 18°57 | 4° 2 | T 20 |
| F 21 | 5 55 2 | 28°18'09 | 21°19 | 19°25 | 14°55 | 14°53 | 4°59 | 13°55 | 12°32 | 21°24 | 21°22 | 2°48 | 4° 2 | 19° 4 | 4° 8 | F 21 |
| S 22 | 5 58 58 | 29°19'15 | 3♎52 | 18°25 | 16° 5 | 15°25 | 5° 4 | 13°59 | 12°29 | 21°25 | 21°22 | 2°R48 | 3°59 | 19°10 | 4°15 | S 22 |
| S 23 | 6 2 55 | 0♑20'22 | 16°48 | 17°35 | 17°16 | 15°57 | 5° 8 | 14° 2 | 12°26 | 21°26 | 21°21 | 2°46 | 3°56 | 19°17 | 4°21 | S 23 |
| M24 | 6 6 52 | 1°21'30 | 0♏12 | 16°56 | 18°26 | 16°29 | 5°13 | 14° 5 | 12°24 | 21°27 | 21°20 | 2°43 | 3°53 | 19°24 | 4°27 | M24 |
| T 25 | 6 10 48 | 2°22'39 | 14° 6 | 16°27 | 19°36 | 17° 1 | 5°18 | 14° 9 | 12°21 | 21°28 | 21°19 | 2°37 | 3°50 | 19°30 | 4°33 | T 25 |
| W26 | 6 14 45 | 3°23'48 | 28°30 | 16° 9 | 20°47 | 17°32 | 5°23 | 14°12 | 12°19 | 21°29 | 21°18 | 2°29 | 3°47 | 19°37 | 4°40 | W26 |
| T 27 | 6 18 41 | 4°24'58 | 13♐20 | 16°D 2 | 21°58 | 18° 4 | 5°28 | 14°15 | 12°16 | 21°30 | 21°18 | 2°19 | 3°43 | 19°44 | 4°46 | T 27 |
| F 28 | 6 22 38 | 5°26'08 | 28°29 | 16° 4 | 23° 9 | 18°35 | 5°33 | 14°18 | 12°14 | 21°31 | 21°17 | 2°10 | 3°40 | 19°50 | 4°52 | F 28 |
| S 29 | 6 26 34 | 6°27'19 | 13♑45 | 16°15 | 24°20 | 19° 6 | 5°39 | 14°21 | 12°11 | 21°32 | 21°16 | 2° 2 | 3°37 | 19°57 | 4°59 | S 29 |
| S 30 | 6 30 31 | 7°28'29 | 29° 0 | 16°34 | 25°31 | 19°38 | 5°45 | 14°23 | 12° 9 | 21°32 | 21°15 | 1°55 | 3°34 | 20° 4 | 5° 5 | S 30 |
| M31 | 6 34 28 | 8♑29'40 | 14♒ 1 | 17♐ 1 | 26♏42 | 20♎ 9 | 5♈51 | 14♎26 | 12♋ 6 | 21♎33 | 21♌14 | 1♓52 | 3♓31 | 20♋11 | 5♑11 | 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 | 21s39 | 27s39 | 4s19 | 25s37 | 2s10 | 6s38 | 2n 9 | 0s 2 | 1n38 | 0n21 | 1s27 | 2s50 | 2n16 | 23n10 | 0n23 | 6s40 | 1n37 | 22n46 | 8n56 | 9s45 | 9s39 | 26n12 | 17s35 | 5n51 |
| S 2 | 21 48 | 25 23 | 3 31 | 25 30 | 2 3 | 7 0 | 2 12 | 0 15 | 1 38 | 0 22 | 1 27 | 2 51 | 2 17 | 23 10 | 0 23 | 6 41 | 1 37 | 22 46 | 8 56 | 9 48 | 9 40 | 26 11 | 17 35 | 5 51 |
| M 3 | 21 58 | 21 26 | 2 29 | 25 22 | 1 55 | 7 23 | 2 14 | 0 28 | 1 39 | 0 22 | 1 27 | 2 53 | 2 17 | 23 10 | 0 23 | 6 42 | 1 37 | 22 46 | 8 56 | 9 50 | 9 41 | 26 9 | 17 35 | 5 51 |
| T 4 | 22 6 | 16 16 | 1 19 | 25 12 | 1 46 | 7 45 | 2 16 | 0 41 | 1 39 | 0 23 | 1 26 | 2 55 | 2 17 | 23 10 | 0 23 | 6 42 | 1 37 | 22 47 | 8 57 | 9 51 | 9 42 | 26 8 | 17 35 | 5 51 |
| W 5 | 22 15 | 10 22 | 0 6 | 25 2 | 1 36 | 8 8 | 2 18 | 0 54 | 1 39 | 0 23 | 1 26 | 2 57 | 2 17 | 23 10 | 0 23 | 6 43 | 1 37 | 22 47 | 8 57 | 9 51 | 9 43 | 26 6 | 17 35 | 5 50 |
| T 6 | 22 22 | 4 6 | 1n 6 | 24 50 | 1 24 | 8 30 | 2 19 | 1 7 | 1 40 | 0 24 | 1 26 | 2 58 | 2 17 | 23 11 | 0 23 | 6 43 | 1 37 | 22 48 | 8 57 | 9 51 | 9 44 | 26 5 | 17 35 | 5 50 |
| F 7 | 22 30 | 2n10 | 2 12 | 24 36 | 1 11 | 8 52 | 2 21 | 1 20 | 1 40 | 0 25 | 1 26 | 3 0 | 2 18 | 23 11 | 0 23 | 6 44 | 1 37 | 22 48 | 8 58 | 9 51 | 9 46 | 26 3 | 17 35 | 5 50 |
| S 8 | 22 37 | 8 14 | 3 10 | 24 22 | 0 56 | 9 15 | 2 23 | 1 33 | 1 40 | 0 26 | 1 25 | 3 2 | 2 18 | 23 11 | 0 23 | 6 44 | 1 37 | 22 49 | 8 58 | 9 52 | 9 47 | 26 2 | 17 35 | 5 50 |
| S 9 | 22 43 | 13 49 | 3 57 | 24 6 | 0 40 | 9 37 | 2 24 | 1 46 | 1 41 | 0 27 | 1 25 | 3 3 | 2 18 | 23 11 | 0 23 | 6 45 | 1 37 | 22 49 | 8 58 | 9 54 | 9 48 | 26 0 | 17 35 | 5 50 |
| M10 | 22 49 | 18 45 | 4 32 | 23 49 | 0 23 | 9 59 | 2 25 | 1 59 | 1 41 | 0 28 | 1 25 | 3 5 | 2 18 | 23 12 | 0 23 | 6 45 | 1 37 | 22 49 | 8 59 | 9 58 | 9 49 | 25 59 | 17 35 | 5 50 |
| T 11 | 22 55 | 22 49 | 4 53 | 23 31 | 0 5 | 10 21 | 2 26 | 2 11 | 1 41 | 0 29 | 1 24 | 3 6 | 2 19 | 23 12 | 0 23 | 6 46 | 1 37 | 22 50 | 8 59 | 10 2 | 9 50 | 25 57 | 17 35 | 5 50 |
| W12 | 23 0 | 25 48 | 5 0 | 23 12 | 0n14 | 10 44 | 2 27 | 2 24 | 1 42 | 0 30 | 1 24 | 3 8 | 2 19 | 23 12 | 0 23 | 6 46 | 1 37 | 22 50 | 8 59 | 10 7 | 9 51 | 25 56 | 17 35 | 5 50 |
| T 13 | 23 5 | 27 33 | 4 54 | 22 53 | 0 34 | 11 6 | 2 28 | 2 37 | 1 42 | 0 31 | 1 24 | 3 9 | 2 19 | 23 12 | 0 23 | 6 47 | 1 37 | 22 51 | 9 0 | 10 12 | 9 53 | 25 54 | 17 35 | 5 50 |
| F 14 | 23 9 | 28 0 | 4 34 | 22 32 | 0 54 | 11 27 | 2 28 | 2 49 | 1 42 | 0 33 | 1 23 | 3 11 | 2 19 | 23 13 | 0 23 | 6 47 | 1 37 | 22 51 | 9 0 | 10 17 | 9 54 | 25 53 | 17 34 | 5 50 |
| S 15 | 23 13 | 27 7 | 4 2 | 22 11 | 1 14 | 11 49 | 2 29 | 3 2 | 1 42 | 0 34 | 1 23 | 3 12 | 2 20 | 23 13 | 0 23 | 6 48 | 1 37 | 22 52 | 9 0 | 10 21 | 9 55 | 25 51 | 17 34 | 5 50 |
| S 16 | 23 16 | 25 0 | 3 20 | 21 49 | 1 34 | 12 11 | 2 29 | 3 14 | 1 43 | 0 36 | 1 23 | 3 13 | 2 20 | 23 13 | 0 23 | 6 48 | 1 38 | 22 52 | 9 0 | 10 25 | 9 56 | 25 50 | 17 34 | 5 50 |
| M17 | 23 19 | 21 49 | 2 29 | 21 28 | 1 52 | 12 32 | 2 30 | 3 27 | 1 43 | 0 37 | 1 23 | 3 15 | 2 20 | 23 13 | 0 23 | 6 48 | 1 38 | 22 53 | 9 1 | 10 27 | 9 57 | 25 48 | 17 34 | 5 50 |
| T 18 | 23 22 | 17 45 | 1 32 | 21 8 | 2 9 | 12 53 | 2 30 | 3 39 | 1 43 | 0 39 | 1 22 | 3 16 | 2 20 | 23 14 | 0 23 | 6 49 | 1 38 | 22 53 | 9 1 | 10 29 | 9 58 | 25 47 | 17 34 | 5 50 |
| W19 | 23 24 | 12 58 | 0 30 | 20 49 | 2 23 | 13 14 | 2 30 | 3 51 | 1 44 | 0 41 | 1 22 | 3 17 | 2 21 | 23 14 | 0 23 | 6 49 | 1 38 | 22 54 | 9 1 | 10 29 | 10 0 | 25 45 | 17 34 | 5 50 |
| T 20 | 23 25 | 7 39 | 0s34 | 20 32 | 2 36 | 13 35 | 2 30 | 4 4 | 1 44 | 0 42 | 1 22 | 3 18 | 2 21 | 23 14 | 0 23 | 6 50 | 1 38 | 22 54 | 9 2 | 10 29 | 10 1 | 25 43 | 17 33 | 5 50 |
| F 21 | 23 26 | 1 57 | 1 37 | 20 17 | 2 46 | 13 56 | 2 30 | 4 16 | 1 44 | 0 44 | 1 21 | 3 20 | 2 21 | 23 14 | 0 23 | 6 50 | 1 38 | 22 55 | 9 2 | 10 29 | 10 2 | 25 42 | 17 33 | 5 50 |
| S 22 | 23 27 | 3s57 | 2 38 | 20 4 | 2 53 | 14 16 | 2 29 | 4 28 | 1 45 | 0 46 | 1 21 | 3 21 | 2 21 | 23 15 | 0 23 | 6 50 | 1 38 | 22 55 | 9 2 | 10 29 | 10 3 | 25 40 | 17 33 | 5 50 |
| S 23 | 23 27 | 9 52 | 3 33 | 19 55 | 2 58 | 14 37 | 2 29 | 4 40 | 1 45 | 0 48 | 1 21 | 3 22 | 2 22 | 23 15 | 0 23 | 6 51 | 1 38 | 22 56 | 9 2 | 10 29 | 10 4 | 25 39 | 17 33 | 5 50 |
| M24 | 23 26 | 15 34 | 4 17 | 19 48 | 3 1 | 14 56 | 2 28 | 4 52 | 1 45 | 0 50 | 1 21 | 3 23 | 2 22 | 23 15 | 0 23 | 6 51 | 1 38 | 22 56 | 9 3 | 10 31 | 10 5 | 25 37 | 17 33 | 5 50 |
| T 25 | 23 26 | 20 40 | 4 49 | 19 44 | 3 2 | 15 16 | 2 28 | 5 4 | 1 45 | 0 53 | 1 20 | 3 24 | 2 22 | 23 15 | 0 23 | 6 51 | 1 38 | 22 57 | 9 3 | 10 33 | 10 6 | 25 35 | 17 32 | 5 50 |
| W26 | 23 24 | 24 46 | 5 4 | 19 43 | 3 1 | 15 35 | 2 27 | 5 15 | 1 46 | 0 55 | 1 20 | 3 25 | 2 22 | 23 16 | 0 23 | 6 52 | 1 38 | 22 57 | 9 3 | 10 36 | 10 8 | 25 34 | 17 32 | 5 50 |
| T 27 | 23 22 | 27 21 | 4 59 | 19 45 | 2 59 | 15 54 | 2 26 | 5 27 | 1 46 | 0 57 | 1 20 | 3 26 | 2 23 | 23 16 | 0 23 | 6 52 | 1 38 | 22 58 | 9 4 | 10 39 | 10 9 | 25 32 | 17 32 | 5 50 |
| F 28 | 23 20 | 28 0 | 4 34 | 19 49 | 2 55 | 16 13 | 2 25 | 5 39 | 1 46 | 1 0 | 1 19 | 3 27 | 2 23 | 23 16 | 0 23 | 6 52 | 1 38 | 22 59 | 9 4 | 10 42 | 10 10 | 25 31 | 17 31 | 5 50 |
| S 29 | 23 17 | 26 31 | 3 48 | 19 55 | 2 51 | 16 32 | 2 24 | 5 50 | 1 47 | 1 2 | 1 19 | 3 27 | 2 23 | 23 16 | 0 23 | 6 53 | 1 38 | 22 59 | 9 4 | 10 45 | 10 11 | 25 29 | 17 31 | 5 50 |
| S 30 | 23 14 | 23 5 | 2 47 | 20 2 | 2 45 | 16 50 | 2 23 | 6 2 | 1 47 | 1 5 | 1 19 | 3 28 | 2 23 | 23 17 | 0 23 | 6 53 | 1 38 | 23 0 | 9 4 | 10 48 | 10 12 | 25 27 | 17 31 | 5 50 |
| M31 | 23s11 | 18s 8 | 1s34 | 20s11 | 2n38 | 17s 7 | 2n22 | 6s13 | 1n47 | 1n 7 | 1s19 | 3s29 | 2n24 | 23n17 | 0n23 | 6s53 | 1n38 | 23n 0 | 9n 5 | 10s49 | 10s13 | 25n26 | 17s30 | 5n51 |

Julian Day Number = 2433981.5, Delta T = 29.67 sec
Ecliptic obliquity = 23°26'52, Nutation = 0°00'06
Ayanamsha: Fagan/Bradley = 24°04'08, Lahiri = 23°11'07


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