# Astrodienst Ephemeris Tables

## for the year 2118

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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

# ASTRODIENST EPHEMERIS for the year 2118
# geocentric

## JANUARY 2118 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 6 41 32 | 10♑13'38 | 21♈50 | 27♐ 0 | 11°D22 | 22♐47 | 5♈26 | 15°R13 | 5°R 2 | 26♎25 | 19°R43 | 2°R39 | 2♈49 | 24♈35 | 23♓57 | S 1 |
| S 2 | 6 45 29 | 11°14'46 | 3♉39 | 28°31 | 11♐24 | 23°31 | 5°33 | 15♉11 | 5♋ 0 | 26°26 | 19♉42 | 2♈37 | 2°46 | 24°42 | 23°59 | S 2 |
| M 3 | 6 49 25 | 12°15'54 | 15°34 | 0♑ 2 | 11°29 | 24°15 | 5°40 | 15°10 | 4°57 | 26°27 | 19°41 | 2°33 | 2°43 | 24°48 | 24° 1 | M 3 |
| T 4 | 6 53 22 | 13°17'02 | 27°39 | 1°33 | 11°36 | 24°59 | 5°46 | 15° 8 | 4°55 | 26°28 | 19°41 | 2°26 | 2°40 | 24°55 | 24° 2 | T 4 |
| W 5 | 6 57 18 | 14°18'10 | 9♊59 | 3° 5 | 11°45 | 25°43 | 5°53 | 15° 7 | 4°52 | 26°29 | 19°40 | 2°16 | 2°36 | 25° 2 | 24° 4 | W 5 |
| T 6 | 7 1 15 | 15°19'17 | 22°36 | 4°38 | 11°56 | 26°27 | 6° 1 | 15° 6 | 4°50 | 26°29 | 19°39 | 2° 4 | 2°33 | 25° 8 | 24° 6 | T 6 |
| F 7 | 7 5 11 | 16°20'25 | 5♋29 | 6°10 | 12°10 | 27°11 | 6° 8 | 15° 5 | 4°47 | 26°30 | 19°39 | 1°51 | 2°30 | 25°15 | 24° 7 | F 7 |
| S 8 | 7 9 8 | 17°21'32 | 18°39 | 7°43 | 12°26 | 27°55 | 6°15 | 15° 4 | 4°45 | 26°31 | 19°38 | 1°38 | 2°27 | 25°22 | 24° 9 | S 8 |
| S 9 | 7 13 5 | 18°22'40 | 2♌ 5 | 9°16 | 12°44 | 28°39 | 6°23 | 15° 3 | 4°42 | 26°31 | 19°38 | 1°26 | 2°24 | 25°28 | 24°11 | S 9 |
| M10 | 7 17 1 | 19°23'47 | 15°42 | 10°50 | 13° 4 | 29°23 | 6°31 | 15° 2 | 4°40 | 26°32 | 19°37 | 1°17 | 2°21 | 25°35 | 24°13 | M10 |
| T 11 | 7 20 58 | 20°24'55 | 29°29 | 12°24 | 13°25 | 0♑ 7 | 6°39 | 15° 1 | 4°37 | 26°33 | 19°37 | 1°10 | 2°17 | 25°42 | 24°15 | T 11 |
| W12 | 7 24 54 | 21°26'02 | 13♍23 | 13°59 | 13°49 | 0°51 | 6°47 | 15° 1 | 4°35 | 26°33 | 19°36 | 1° 6 | 2°14 | 25°48 | 24°17 | W12 |
| T 13 | 7 28 51 | 22°27'09 | 27°21 | 15°34 | 14°14 | 1°36 | 6°55 | 15° 0 | 4°32 | 26°34 | 19°36 | 1°D 5 | 2°11 | 25°55 | 24°19 | T 13 |
| F 14 | 7 32 47 | 23°28'16 | 11♎23 | 17° 9 | 14°42 | 2°20 | 7° 4 | 15° 0 | 4°30 | 26°34 | 19°36 | 1° 5 | 2° 8 | 26° 2 | 24°21 | F 14 |
| S 15 | 7 36 44 | 24°29'23 | 25°28 | 18°45 | 15°10 | 3° 4 | 7°12 | 15° 0 | 4°28 | 26°35 | 19°35 | 1°R 6 | 2° 5 | 26° 8 | 24°24 | S 15 |
| S 16 | 7 40 40 | 25°30'31 | 9♏34 | 20°22 | 15°41 | 3°49 | 7°21 | 14°D59 | 4°25 | 26°35 | 19°35 | 1° 5 | 2° 2 | 26°15 | 24°26 | S 16 |
| M17 | 7 44 37 | 26°31'38 | 23°41 | 21°58 | 16°13 | 4°33 | 7°30 | 14°59 | 4°23 | 26°35 | 19°34 | 1° 2 | 1°58 | 26°22 | 24°28 | M17 |
| T 18 | 7 48 34 | 27°32'45 | 7♐47 | 23°36 | 16°46 | 5°18 | 7°39 | 15° 0 | 4°20 | 26°36 | 19°34 | 0°56 | 1°55 | 26°28 | 24°30 | T 18 |
| W19 | 7 52 30 | 28°33'52 | 21°50 | 25°14 | 17°21 | 6° 2 | 7°48 | 15° 0 | 4°18 | 26°36 | 19°34 | 0°48 | 1°52 | 26°35 | 24°33 | W19 |
| T 20 | 7 56 27 | 29°34'59 | 5♑45 | 26°52 | 17°58 | 6°47 | 7°57 | 15° 0 | 4°16 | 26°36 | 19°33 | 0°38 | 1°49 | 26°42 | 24°35 | T 20 |
| F 21 | 8 0 23 | 0♒36'05 | 19°29 | 28°31 | 18°35 | 7°32 | 8° 6 | 15° 1 | 4°14 | 26°37 | 19°33 | 0°27 | 1°46 | 26°48 | 24°37 | F 21 |
| S 22 | 8 4 20 | 1°37'11 | 2♒57 | 0♒10 | 19°14 | 8°16 | 8°16 | 15° 1 | 4°11 | 26°37 | 19°33 | 0°17 | 1°42 | 26°55 | 24°40 | S 22 |
| S 23 | 8 8 16 | 2°38'16 | 16° 8 | 1°50 | 19°54 | 9° 1 | 8°26 | 15° 2 | 4° 9 | 26°37 | 19°33 | 0° 8 | 1°39 | 27° 2 | 24°42 | S 23 |
| M24 | 8 12 13 | 3°39'20 | 29° 1 | 3°31 | 20°35 | 9°46 | 8°35 | 15° 3 | 4° 7 | 26°37 | 19°32 | 0° 1 | 1°36 | 27° 8 | 24°45 | M24 |
| T 25 | 8 16 9 | 4°40'23 | 11♓34 | 5°12 | 21°18 | 10°31 | 8°45 | 15° 4 | 4° 5 | 26°37 | 19°32 | 29♓56 | 1°33 | 27°15 | 24°48 | T 25 |
| W26 | 8 20 6 | 5°41'26 | 23°51 | 6°54 | 22° 1 | 11°15 | 8°55 | 15° 5 | 4° 3 | 26°37 | 19°32 | 29°54 | 1°30 | 27°21 | 24°50 | W26 |
| T 27 | 8 24 3 | 6°42'27 | 5♈53 | 8°36 | 22°46 | 12° 0 | 9° 5 | 15° 6 | 4° 1 | 26°37 | 19°32 | 29°D54 | 1°27 | 27°28 | 24°53 | T 27 |
| F 28 | 8 27 59 | 7°43'28 | 17°47 | 10°19 | 23°31 | 12°45 | 9°16 | 15° 7 | 3°59 | 26°R37 | 19°32 | 29°55 | 1°23 | 27°35 | 24°56 | F 28 |
| S 29 | 8 31 56 | 8°44'27 | 29°35 | 12° 3 | 24°17 | 13°30 | 9°26 | 15° 8 | 3°57 | 26°37 | 19°32 | 29°57 | 1°20 | 27°41 | 24°58 | S 29 |
| S 30 | 8 35 52 | 9°45'26 | 11♉25 | 13°47 | 25° 5 | 14°15 | 9°36 | 15°10 | 3°55 | 26°37 | 19°32 | 29°R57 | 1°17 | 27°48 | 25° 1 | S 30 |
| M31 | 8 39 49 | 10♒46'23 | 23♉20 | 15♒31 | 25♐53 | 15♑ 0 | 9♈47 | 15♉11 | 3♋53 | 26♎37 | 19♉32 | 29♓56 | 1♈14 | 27♈55 | 25♓ 4 | M31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| S 1 | 23s 2 | 10n 3 | 1n40 | 23s43 | 0s20 | 17s50 | 4n20 | 23s39 | 0s25 | 0n58 | 1s18 | 14n 6 | 2s24 | 23n37 | 0n17 | 8s39 | 1n39 | 2n52 | 15s19 | 1n 3 | 1n 7 | 11n18 | 1n 5 | 3n48 |
| S 2 | 22 57 | 15 10 | 2 36 | 23 51 | 0 26 | 17 44 | 4 27 | 23 41 | 0 25 | 1 1 | 1 18 | 14 6 | 2 23 | 23 37 | 0 17 | 8 39 | 1 39 | 2 52 | 15 19 | 1 2 | 1 6 | 11 21 | 1 6 | 3 48 |
| M 3 | 22 52 | 19 47 | 3 26 | 23 59 | 0 33 | 17 39 | 4 32 | 23 44 | 0 26 | 1 4 | 1 17 | 14 5 | 2 23 | 23 37 | 0 17 | 8 39 | 1 39 | 2 52 | 15 19 | 1 1 | 1 5 | 11 24 | 1 6 | 3 47 |
| T 4 | 22 46 | 23 39 | 4 8 | 24 5 | 0 40 | 17 35 | 4 37 | 23 46 | 0 27 | 1 7 | 1 17 | 14 5 | 2 23 | 23 37 | 0 17 | 8 40 | 1 39 | 2 52 | 15 18 | 0 58 | 1 3 | 11 28 | 1 6 | 3 47 |
| W 5 | 22 40 | 26 32 | 4 39 | 24 10 | 0 46 | 17 32 | 4 42 | 23 49 | 0 27 | 1 10 | 1 17 | 14 5 | 2 23 | 23 38 | 0 17 | 8 40 | 1 39 | 2 52 | 15 18 | 0 54 | 1 2 | 11 31 | 1 7 | 3 47 |
| T 6 | 22 33 | 28 9 | 4 57 | 24 13 | 0 52 | 17 29 | 4 46 | 23 51 | 0 28 | 1 13 | 1 17 | 14 5 | 2 22 | 23 38 | 0 17 | 8 40 | 1 40 | 2 53 | 15 18 | 0 49 | 1 1 | 11 34 | 1 7 | 3 47 |
| F 7 | 22 26 | 28 19 | 5 0 | 24 15 | 0 58 | 17 27 | 4 50 | 23 52 | 0 29 | 1 16 | 1 16 | 14 5 | 2 22 | 23 38 | 0 17 | 8 40 | 1 40 | 2 53 | 15 18 | 0 44 | 1 0 | 11 37 | 1 8 | 3 46 |
| S 8 | 22 18 | 26 53 | 4 48 | 24 16 | 1 4 | 17 26 | 4 53 | 23 54 | 0 29 | 1 19 | 1 16 | 14 5 | 2 22 | 23 38 | 0 17 | 8 40 | 1 40 | 2 53 | 15 17 | 0 39 | 0 58 | 11 40 | 1 8 | 3 46 |
| S 9 | 22 10 | 23 54 | 4 20 | 24 16 | 1 10 | 17 25 | 4 56 | 23 55 | 0 30 | 1 22 | 1 16 | 14 5 | 2 21 | 23 38 | 0 17 | 8 41 | 1 40 | 2 53 | 15 17 | 0 34 | 0 57 | 11 44 | 1 9 | 3 46 |
| M10 | 22 1 | 19 33 | 3 36 | 24 14 | 1 15 | 17 25 | 4 58 | 23 56 | 0 30 | 1 26 | 1 16 | 14 5 | 2 21 | 23 38 | 0 17 | 8 41 | 1 40 | 2 53 | 15 17 | 0 30 | 0 56 | 11 47 | 1 9 | 3 45 |
| T 11 | 21 53 | 14 8 | 2 39 | 24 11 | 1 20 | 17 26 | 5 0 | 23 57 | 0 31 | 1 29 | 1 15 | 14 5 | 2 21 | 23 38 | 0 17 | 8 41 | 1 40 | 2 53 | 15 16 | 0 28 | 0 55 | 11 50 | 1 10 | 3 45 |
| W12 | 21 43 | 7 57 | 1 33 | 24 7 | 1 25 | 17 27 | 5 2 | 23 57 | 0 32 | 1 33 | 1 15 | 14 5 | 2 21 | 23 38 | 0 17 | 8 41 | 1 40 | 2 54 | 15 16 | 0 26 | 0 53 | 11 53 | 1 11 | 3 45 |
| T 13 | 21 33 | 1 21 | 0 20 | 24 1 | 1 30 | 17 29 | 5 3 | 23 57 | 0 32 | 1 36 | 1 15 | 14 5 | 2 20 | 23 38 | 0 17 | 8 41 | 1 40 | 2 54 | 15 16 | 0 26 | 0 52 | 11 56 | 1 11 | 3 45 |
| F 14 | 21 23 | 5s20 | 0s55 | 23 53 | 1 35 | 17 31 | 5 4 | 23 57 | 0 33 | 1 40 | 1 15 | 14 6 | 2 20 | 23 38 | 0 17 | 8 41 | 1 40 | 2 54 | 15 16 | 0 26 | 0 51 | 12 0 | 1 12 | 3 45 |
| S 15 | 21 13 | 11 48 | 2 6 | 23 45 | 1 39 | 17 33 | 5 5 | 23 57 | 0 33 | 1 43 | 1 14 | 14 6 | 2 20 | 23 38 | 0 17 | 8 41 | 1 40 | 2 54 | 15 15 | 0 26 | 0 50 | 12 3 | 1 12 | 3 44 |
| S 16 | 21 2 | 17 40 | 3 10 | 23 35 | 1 43 | 17 36 | 5 5 | 23 56 | 0 34 | 1 47 | 1 14 | 14 6 | 2 19 | 23 39 | 0 17 | 8 42 | 1 40 | 2 54 | 15 15 | 0 26 | 0 48 | 12 6 | 1 13 | 3 44 |
| M17 | 20 50 | 22 35 | 4 2 | 23 23 | 1 47 | 17 39 | 5 5 | 23 56 | 0 35 | 1 50 | 1 14 | 14 6 | 2 19 | 23 39 | 0 17 | 8 42 | 1 40 | 2 55 | 15 15 | 0 25 | 0 47 | 12 9 | 1 14 | 3 44 |
| T 18 | 20 38 | 26 11 | 4 39 | 23 10 | 1 50 | 17 43 | 5 5 | 23 55 | 0 35 | 1 54 | 1 14 | 14 7 | 2 19 | 23 39 | 0 17 | 8 42 | 1 40 | 2 55 | 15 14 | 0 22 | 0 46 | 12 12 | 1 14 | 3 44 |
| W19 | 20 26 | 28 10 | 5 0 | 22 56 | 1 53 | 17 47 | 5 4 | 23 53 | 0 36 | 1 58 | 1 13 | 14 7 | 2 19 | 23 39 | 0 17 | 8 42 | 1 40 | 2 55 | 15 14 | 0 19 | 0 45 | 12 15 | 1 15 | 3 43 |
| T 20 | 20 14 | 28 20 | 5 2 | 22 40 | 1 56 | 17 51 | 5 3 | 23 52 | 0 37 | 2 2 | 1 13 | 14 7 | 2 18 | 23 39 | 0 17 | 8 42 | 1 40 | 2 55 | 15 14 | 0 15 | 0 43 | 12 19 | 1 16 | 3 43 |
| F 21 | 20 1 | 26 45 | 4 47 | 22 23 | 1 58 | 17 55 | 5 2 | 23 50 | 0 37 | 2 6 | 1 13 | 14 8 | 2 18 | 23 39 | 0 17 | 8 42 | 1 40 | 2 55 | 15 13 | 0 11 | 0 42 | 12 22 | 1 17 | 3 43 |
| S 22 | 19 47 | 23 38 | 4 16 | 22 4 | 2 0 | 18 0 | 5 1 | 23 48 | 0 38 | 2 10 | 1 13 | 14 8 | 2 18 | 23 39 | 0 17 | 8 42 | 1 41 | 2 56 | 15 13 | 0 7 | 0 41 | 12 25 | 1 17 | 3 43 |
| S 23 | 19 34 | 19 22 | 3 32 | 21 43 | 2 2 | 18 4 | 4 59 | 23 46 | 0 38 | 2 14 | 1 13 | 14 9 | 2 17 | 23 39 | 0 17 | 8 42 | 1 41 | 2 56 | 15 13 | 0 3 | 0 39 | 12 28 | 1 18 | 3 42 |
| M24 | 19 20 | 14 17 | 2 38 | 21 22 | 2 4 | 18 9 | 4 57 | 23 43 | 0 39 | 2 18 | 1 12 | 14 9 | 2 17 | 23 39 | 0 17 | 8 42 | 1 41 | 2 56 | 15 12 | 0 0 | 0 38 | 12 31 | 1 19 | 3 42 |
| T 25 | 19 5 | 8 43 | 1 37 | 20 58 | 2 5 | 18 14 | 4 56 | 23 40 | 0 40 | 2 22 | 1 12 | 14 10 | 2 17 | 23 39 | 0 17 | 8 42 | 1 41 | 2 57 | 15 12 | 0s 1 | 0 37 | 12 34 | 1 20 | 3 42 |
| W26 | 18 50 | 2 57 | 0 33 | 20 33 | 2 5 | 18 18 | 4 53 | 23 37 | 0 40 | 2 26 | 1 12 | 14 10 | 2 16 | 23 39 | 0 17 | 8 42 | 1 41 | 2 57 | 15 12 | 0 2 | 0 36 | 12 38 | 1 21 | 3 42 |
| T 27 | 18 35 | 2n50 | 0n32 | 20 7 | 2 5 | 18 23 | 4 51 | 23 34 | 0 41 | 2 30 | 1 12 | 14 11 | 2 16 | 23 39 | 0 17 | 8 42 | 1 41 | 2 57 | 15 11 | 0 2 | 0 34 | 12 41 | 1 22 | 3 42 |
| F 28 | 18 20 | 8 26 | 1 35 | 19 39 | 2 5 | 18 28 | 4 48 | 23 30 | 0 41 | 2 34 | 1 12 | 14 12 | 2 16 | 23 39 | 0 17 | 8 42 | 1 41 | 2 57 | 15 11 | 0 2 | 0 33 | 12 44 | 1 22 | 3 41 |
| S 29 | 18 4 | 13 42 | 2 33 | 19 10 | 2 4 | 18 33 | 4 46 | 23 26 | 0 42 | 2 39 | 1 11 | 14 12 | 2 16 | 23 39 | 0 17 | 8 42 | 1 41 | 2 58 | 15 11 | 0 1 | 0 32 | 12 47 | 1 23 | 3 41 |
| S 30 | 17 48 | 18 29 | 3 25 | 18 39 | 2 3 | 18 37 | 4 43 | 23 22 | 0 43 | 2 43 | 1 11 | 14 13 | 2 15 | 23 40 | 0 17 | 8 42 | 1 41 | 2 58 | 15 10 | 0 1 | 0 31 | 12 50 | 1 24 | 3 41 |
| M31 | 17s31 | 22n36 | 4n 8 | 18s 7 | 2s 2 | 18s42 | 4n40 | 23s18 | 0s43 | 2n47 | 1s11 | 14n14 | 2s15 | 23n40 | 0n17 | 8s41 | 1n41 | 2n58 | 15s10 | 0s 2 | 0n29 | 12n53 | 1n25 | 3n41 |

Julian Day Number = 2494643.5, Delta T = 102.18 sec
Ecliptic obliquity = 23°25'35, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°23'20, Lahiri = 25°30'21

# ASTRODIENST EPHEMERIS for the year 2118
# geocentric

## FEBRUARY 2118 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 8 43 45 | 11♒47'19 | 5♊27 | 17♒16 | 26♐42 | 15♑45 | 9♈58 | 15♉13 | 3°R51 | 26°R37 | 19°R32 | 29°R53 | 1♈11 | 28♈ 1 | 25♓ 7 | T 1 |
| W 2 | 8 47 42 | 12°48'14 | 17°49 | 19° 2 | 27°32 | 16°30 | 10° 9 | 15°15 | 3♋49 | 26♎37 | 19°D31 | 29♓48 | 1° 8 | 28° 8 | 25°10 | W 2 |
| T 3 | 8 51 38 | 13°49'08 | 0♋30 | 20°48 | 28°22 | 17°15 | 10°19 | 15°17 | 3°47 | 26°37 | 19♉31 | 29°41 | 1° 4 | 28°15 | 25°13 | T 3 |
| F 4 | 8 55 35 | 14°50'01 | 13°33 | 22°34 | 29°13 | 18° 0 | 10°31 | 15°19 | 3°46 | 26°37 | 19°32 | 29°33 | 1° 1 | 28°21 | 25°16 | F 4 |
| S 5 | 8 59 32 | 15°50'52 | 26°57 | 24°21 | 0♑ 5 | 18°46 | 10°42 | 15°21 | 3°44 | 26°36 | 19°32 | 29°25 | 0°58 | 28°28 | 25°19 | S 5 |
| S 6 | 9 3 28 | 16°51'42 | 10♌42 | 26° 7 | 0°58 | 19°31 | 10°53 | 15°23 | 3°42 | 26°36 | 19°32 | 29°18 | 0°55 | 28°35 | 25°22 | S 6 |
| M 7 | 9 7 25 | 17°52'31 | 24°44 | 27°54 | 1°52 | 20°16 | 11° 4 | 15°26 | 3°40 | 26°36 | 19°32 | 29°12 | 0°52 | 28°41 | 25°25 | M 7 |
| T 8 | 9 11 21 | 18°53'19 | 8♍58 | 29°40 | 2°46 | 21° 1 | 11°16 | 15°28 | 3°39 | 26°35 | 19°32 | 29° 9 | 0°48 | 28°48 | 25°28 | T 8 |
| W 9 | 9 15 18 | 19°54'05 | 23°20 | 1♓26 | 3°40 | 21°47 | 11°27 | 15°30 | 3°37 | 26°35 | 19°32 | 29°D 7 | 0°45 | 28°55 | 25°31 | W 9 |
| T 10 | 9 19 14 | 20°54'51 | 7♎44 | 3°12 | 4°36 | 22°32 | 11°39 | 15°33 | 3°36 | 26°35 | 19°32 | 29° 7 | 0°42 | 29° 1 | 25°34 | T 10 |
| F 11 | 9 23 11 | 21°55'36 | 22° 6 | 4°56 | 5°31 | 23°17 | 11°51 | 15°36 | 3°34 | 26°34 | 19°32 | 29° 8 | 0°39 | 29° 8 | 25°37 | F 11 |
| S 12 | 9 27 7 | 22°56'19 | 6♏23 | 6°40 | 6°28 | 24° 3 | 12° 2 | 15°39 | 3°33 | 26°34 | 19°32 | 29°10 | 0°36 | 29°15 | 25°40 | S 12 |
| S 13 | 9 31 4 | 23°57'02 | 20°33 | 8°22 | 7°25 | 24°48 | 12°14 | 15°42 | 3°31 | 26°33 | 19°33 | 29°R11 | 0°33 | 29°21 | 25°44 | S 13 |
| M14 | 9 35 1 | 24°57'44 | 4♐34 | 10° 2 | 8°22 | 25°34 | 12°26 | 15°45 | 3°30 | 26°32 | 19°33 | 29°10 | 0°29 | 29°28 | 25°47 | M14 |
| T 15 | 9 38 57 | 25°58'25 | 18°25 | 11°39 | 9°20 | 26°19 | 12°38 | 15°48 | 3°29 | 26°32 | 19°33 | 29° 9 | 0°26 | 29°35 | 25°50 | T 15 |
| W16 | 9 42 54 | 26°59'04 | 2♑ 6 | 13°14 | 10°19 | 27° 5 | 12°50 | 15°51 | 3°28 | 26°31 | 19°34 | 29° 5 | 0°23 | 29°41 | 25°53 | W16 |
| T 17 | 9 46 50 | 27°59'43 | 15°35 | 14°45 | 11°17 | 27°50 | 13° 3 | 15°55 | 3°26 | 26°31 | 19°34 | 29° 1 | 0°20 | 29°48 | 25°57 | T 17 |
| F 18 | 9 50 47 | 29° 0'20 | 28°51 | 16°12 | 12°17 | 28°36 | 13°15 | 15°58 | 3°25 | 26°30 | 19°34 | 28°55 | 0°17 | 29°55 | 26° 0 | F 18 |
| S 19 | 9 54 43 | 0♓ 0'56 | 11♒54 | 17°35 | 13°16 | 29°21 | 13°27 | 16° 2 | 3°24 | 26°29 | 19°35 | 28°50 | 0°14 | 0♉ 1 | 26° 3 | S 19 |
| S 20 | 9 58 40 | 1° 1'31 | 24°44 | 18°52 | 14°16 | 0♒ 7 | 13°40 | 16° 5 | 3°23 | 26°28 | 19°35 | 28°46 | 0°10 | 0° 8 | 26° 7 | S 20 |
| M21 | 10 2 36 | 2° 2'04 | 7♓19 | 20° 3 | 15°17 | 0°53 | 13°52 | 16° 9 | 3°22 | 26°28 | 19°35 | 28°43 | 0° 7 | 0°15 | 26°10 | M21 |
| T 22 | 10 6 33 | 3° 2'35 | 19°41 | 21° 8 | 16°18 | 1°38 | 14° 5 | 16°13 | 3°21 | 26°27 | 19°36 | 28°41 | 0° 4 | 0°21 | 26°14 | T 22 |
| W23 | 10 10 30 | 4° 3'05 | 1♈50 | 22° 4 | 17°19 | 2°24 | 14°18 | 16°17 | 3°20 | 26°26 | 19°36 | 28°D41 | 0° 1 | 0°28 | 26°17 | W23 |
| T 24 | 10 14 26 | 5° 3'33 | 13°50 | 22°53 | 18°21 | 3°10 | 14°31 | 16°21 | 3°19 | 26°25 | 19°37 | 28°42 | 29♓58 | 0°35 | 26°21 | T 24 |
| F 25 | 10 18 23 | 6° 3'59 | 25°42 | 23°34 | 19°22 | 3°56 | 14°43 | 16°25 | 3°18 | 26°24 | 19°37 | 28°43 | 29°54 | 0°41 | 26°24 | F 25 |
| S 26 | 10 22 19 | 7° 4'23 | 7♉31 | 24° 5 | 20°25 | 4°42 | 14°56 | 16°29 | 3°18 | 26°23 | 19°38 | 28°45 | 29°51 | 0°48 | 26°28 | S 26 |
| S 27 | 10 26 16 | 8° 4'46 | 19°20 | 24°27 | 21°27 | 5°27 | 15° 9 | 16°33 | 3°17 | 26°22 | 19°38 | 28°47 | 29°48 | 0°55 | 26°31 | S 27 |
| M28 | 10 30 12 | 9♓ 5'07 | 1♊15 | 24♓39 | 22♑30 | 6♒13 | 15♈22 | 16♉38 | 3♋16 | 26♎22 | 19♉39 | 28♓48 | 29♓45 | 1♉ 1 | 26♓35 | M28 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 17s15 | 25n48 | 4n41 | 17s33 | 2s 0 | 18s47 | 4n37 | 23s13 | 0s44 | 2n52 | 1s11 | 14n15 | 2s15 | 23n40 | 0n17 | 8s41 | 1n41 | 2n59 | 15s10 | 0s 3 | 0n28 | 12n56 | 1n26 | 3n41 |
| W 2 | 16 58 | 27 52 | 5 2 | 16 58 | 1 57 | 18 51 | 4 33 | 23 9 | 0 44 | 2 56 | 1 11 | 14 15 | 2 14 | 23 40 | 0 17 | 8 41 | 1 41 | 2 59 | 15 9 | 0 5 | 0 27 | 13 0 | 1 27 | 3 40 |
| T 3 | 16 40 | 28 34 | 5 8 | 16 21 | 1 54 | 18 55 | 4 30 | 23 4 | 0 45 | 3 0 | 1 10 | 14 16 | 2 14 | 23 40 | 0 17 | 8 41 | 1 41 | 2 59 | 15 9 | 0 8 | 0 26 | 13 3 | 1 28 | 3 40 |
| F 4 | 16 23 | 27 42 | 4 59 | 15 43 | 1 50 | 18 59 | 4 26 | 22 58 | 0 46 | 3 5 | 1 10 | 14 17 | 2 14 | 23 40 | 0 17 | 8 41 | 1 41 | 3 0 | 15 9 | 0 11 | 0 24 | 13 6 | 1 29 | 3 40 |
| S 5 | 16 5 | 25 14 | 4 34 | 15 3 | 1 45 | 19 3 | 4 23 | 22 53 | 0 46 | 3 9 | 1 10 | 14 18 | 2 13 | 23 40 | 0 17 | 8 41 | 1 41 | 3 0 | 15 8 | 0 14 | 0 23 | 13 9 | 1 30 | 3 40 |
| S 6 | 15 46 | 21 16 | 3 52 | 14 23 | 1 40 | 19 7 | 4 19 | 22 47 | 0 47 | 3 14 | 1 10 | 14 19 | 2 13 | 23 40 | 0 17 | 8 41 | 1 41 | 3 0 | 15 8 | 0 17 | 0 22 | 13 12 | 1 31 | 3 40 |
| M 7 | 15 28 | 16 2 | 2 56 | 13 41 | 1 35 | 19 10 | 4 15 | 22 41 | 0 47 | 3 19 | 1 10 | 14 20 | 2 13 | 23 40 | 0 17 | 8 40 | 1 41 | 3 1 | 15 8 | 0 19 | 0 21 | 13 15 | 1 32 | 3 39 |
| T 8 | 15 9 | 9 52 | 1 47 | 12 58 | 1 29 | 19 13 | 4 11 | 22 35 | 0 48 | 3 23 | 1 9 | 14 21 | 2 13 | 23 40 | 0 17 | 8 40 | 1 42 | 3 1 | 15 7 | 0 20 | 0 19 | 13 18 | 1 33 | 3 39 |
| W 9 | 14 50 | 3 8 | 0 31 | 12 14 | 1 22 | 19 16 | 4 7 | 22 28 | 0 49 | 3 28 | 1 9 | 14 22 | 2 12 | 23 40 | 0 17 | 8 40 | 1 42 | 3 1 | 15 7 | 0 21 | 0 18 | 13 21 | 1 34 | 3 39 |
| T 10 | 14 31 | 3s47 | 0s47 | 11 29 | 1 14 | 19 19 | 4 2 | 22 21 | 0 49 | 3 33 | 1 9 | 14 23 | 2 12 | 23 40 | 0 17 | 8 40 | 1 42 | 3 2 | 15 7 | 0 21 | 0 17 | 13 24 | 1 35 | 3 39 |
| F 11 | 14 12 | 10 29 | 2 2 | 10 43 | 1 5 | 19 21 | 3 58 | 22 14 | 0 50 | 3 37 | 1 9 | 14 24 | 2 12 | 23 40 | 0 17 | 8 40 | 1 42 | 3 2 | 15 6 | 0 21 | 0 15 | 13 28 | 1 36 | 3 39 |
| S 12 | 13 52 | 16 37 | 3 9 | 9 56 | 0 56 | 19 23 | 3 54 | 22 7 | 0 50 | 3 42 | 1 9 | 14 25 | 2 11 | 23 40 | 0 17 | 8 39 | 1 42 | 3 2 | 15 6 | 0 20 | 0 14 | 13 31 | 1 37 | 3 39 |
| S 13 | 13 32 | 21 48 | 4 4 | 9 9 | 0 47 | 19 24 | 3 49 | 21 59 | 0 51 | 3 47 | 1 9 | 14 26 | 2 11 | 23 40 | 0 17 | 8 39 | 1 42 | 3 3 | 15 6 | 0 20 | 0 13 | 13 34 | 1 39 | 3 38 |
| M14 | 13 12 | 25 41 | 4 44 | 8 22 | 0 36 | 19 26 | 3 45 | 21 52 | 0 52 | 3 52 | 1 8 | 14 27 | 2 11 | 23 40 | 0 17 | 8 39 | 1 42 | 3 3 | 15 5 | 0 20 | 0 12 | 13 37 | 1 40 | 3 38 |
| T 15 | 12 51 | 28 1 | 5 7 | 7 34 | 0 25 | 19 26 | 3 40 | 21 44 | 0 52 | 3 57 | 1 8 | 14 28 | 2 11 | 23 40 | 0 17 | 8 39 | 1 42 | 3 4 | 15 5 | 0 20 | 0 10 | 13 40 | 1 41 | 3 38 |
| W16 | 12 31 | 28 36 | 5 12 | 6 47 | 0 13 | 19 27 | 3 35 | 21 36 | 0 53 | 4 1 | 1 8 | 14 30 | 2 10 | 23 40 | 0 17 | 8 38 | 1 42 | 3 4 | 15 5 | 0 22 | 0 9 | 13 43 | 1 42 | 3 38 |
| T 17 | 12 10 | 27 28 | 4 59 | 6 0 | 0 0 | 19 27 | 3 31 | 21 27 | 0 53 | 4 6 | 1 8 | 14 31 | 2 10 | 23 40 | 0 17 | 8 38 | 1 42 | 3 4 | 15 4 | 0 24 | 0 8 | 13 46 | 1 43 | 3 38 |
| F 18 | 11 49 | 24 48 | 4 31 | 5 14 | 0n13 | 19 27 | 3 26 | 21 19 | 0 54 | 4 11 | 1 8 | 14 32 | 2 10 | 23 40 | 0 17 | 8 38 | 1 42 | 3 5 | 15 4 | 0 26 | 0 7 | 13 49 | 1 44 | 3 38 |
| S 19 | 11 28 | 20 52 | 3 49 | 4 29 | 0 27 | 19 26 | 3 21 | 21 10 | 0 54 | 4 16 | 1 8 | 14 33 | 2 10 | 23 40 | 0 17 | 8 38 | 1 42 | 3 5 | 15 4 | 0 28 | 0 5 | 13 52 | 1 46 | 3 37 |
| S 20 | 11 6 | 16 2 | 2 56 | 3 46 | 0 41 | 19 25 | 3 16 | 21 1 | 0 55 | 4 21 | 1 7 | 14 35 | 2 9 | 23 40 | 0 17 | 8 37 | 1 42 | 3 6 | 15 3 | 0 29 | 0 4 | 13 55 | 1 47 | 3 37 |
| M21 | 10 45 | 10 36 | 1 55 | 3 5 | 0 56 | 19 23 | 3 11 | 20 51 | 0 56 | 4 26 | 1 7 | 14 36 | 2 9 | 23 40 | 0 17 | 8 37 | 1 42 | 3 6 | 15 3 | 0 31 | 0 3 | 13 58 | 1 48 | 3 37 |
| T 22 | 10 23 | 4 50 | 0 49 | 2 26 | 1 11 | 19 21 | 3 6 | 20 42 | 0 56 | 4 31 | 1 7 | 14 37 | 2 9 | 23 40 | 0 17 | 8 37 | 1 42 | 3 6 | 15 3 | 0 31 | 0 2 | 14 2 | 1 49 | 3 37 |
| W23 | 10 1 | 1n 0 | 0n17 | 1 49 | 1 26 | 19 19 | 3 1 | 20 32 | 0 57 | 4 36 | 1 7 | 14 39 | 2 9 | 23 40 | 0 17 | 8 36 | 1 42 | 3 7 | 15 2 | 0 31 | 0 0 | 14 5 | 1 51 | 3 37 |
| T 24 | 9 39 | 6 43 | 1 22 | 1 16 | 1 41 | 19 16 | 2 56 | 20 22 | 0 57 | 4 41 | 1 7 | 14 40 | 2 8 | 23 40 | 0 17 | 8 36 | 1 42 | 3 7 | 15 2 | 0 31 | 0s 1 | 14 8 | 1 52 | 3 37 |
| F 25 | 9 17 | 12 9 | 2 23 | 0 46 | 1 57 | 19 12 | 2 51 | 20 12 | 0 58 | 4 46 | 1 7 | 14 42 | 2 8 | 23 40 | 0 17 | 8 35 | 1 42 | 3 8 | 15 2 | 0 30 | 0 2 | 14 11 | 1 53 | 3 37 |
| S 26 | 8 55 | 17 8 | 3 18 | 0 20 | 2 11 | 19 9 | 2 46 | 20 1 | 0 58 | 4 51 | 1 7 | 14 43 | 2 8 | 23 40 | 0 17 | 8 35 | 1 43 | 3 8 | 15 1 | 0 30 | 0 3 | 14 14 | 1 54 | 3 36 |
| S 27 | 8 32 | 21 28 | 4 4 | 0n 2 | 2 26 | 19 4 | 2 41 | 19 51 | 0 59 | 4 57 | 1 6 | 14 44 | 2 7 | 23 40 | 0 17 | 8 35 | 1 43 | 3 9 | 15 1 | 0 29 | 0 5 | 14 17 | 1 56 | 3 36 |
| M28 | 8s10 | 24n58 | 4n40 | 0n19 | 2n39 | 18s59 | 2n36 | 19s40 | 0s59 | 5n 2 | 1s 6 | 14n46 | 2s 7 | 23n41 | 0n17 | 8s34 | 1n43 | 3n 9 | 15s 1 | 0s29 | 0s 6 | 14n20 | 1n57 | 3n36 |

Julian Day Number = 2494674.5, Delta T = 102.23 sec
Ecliptic obliquity = 23°25'35, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°23'25, Lahiri = 25°30'25

# ASTRODIENST EPHEMERIS for the year 2118
## geocentric

## MARCH 2118 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 10 34 9 | 10♓ 5'26 | 13♊19 | 24°R41 | 23♋33 | 6♒59 | 15♈35 | 16♉42 | 3°R16 | 26°R21 | 19♉39 | 28°R48 | 29♓42 | 1♉ 8 | 26♓38 | T 1 |
| W 2 | 10 38 5 | 11° 5'42 | 25°39 | 24♓33 | 24°37 | 7°45 | 15°49 | 16°47 | 3♋15 | 26♎19 | 19°40 | 28♓47 | 29°39 | 1°15 | 26°42 | W 2 |
| T 3 | 10 42 2 | 12° 5'57 | 8♋19 | 24°16 | 25°40 | 8°31 | 16° 2 | 16°51 | 3°15 | 26°18 | 19°40 | 28°46 | 29°35 | 1°21 | 26°45 | T 3 |
| F 4 | 10 45 59 | 13° 6'10 | 21°21 | 23°50 | 26°44 | 9°17 | 16°15 | 16°56 | 3°14 | 26°17 | 19°41 | 28°44 | 29°32 | 1°28 | 26°49 | F 4 |
| S 5 | 10 49 55 | 14° 6'21 | 4♌48 | 23°16 | 27°48 | 10° 3 | 16°28 | 17° 1 | 3°14 | 26°16 | 19°42 | 28°42 | 29°29 | 1°35 | 26°52 | S 5 |
| S 6 | 10 53 52 | 15° 6'30 | 18°40 | 22°34 | 28°53 | 10°49 | 16°42 | 17° 6 | 3°14 | 26°15 | 19°42 | 28°40 | 29°26 | 1°41 | 26°56 | S 6 |
| M 7 | 10 57 48 | 16° 6'37 | 2♍55 | 21°46 | 29°57 | 11°35 | 16°55 | 17°11 | 3°13 | 26°14 | 19°43 | 28°38 | 29°23 | 1°48 | 27° 0 | M 7 |
| T 8 | 11 1 45 | 17° 6'41 | 17°29 | 20°53 | 1♒ 2 | 12°21 | 17° 9 | 17°16 | 3°13 | 26°13 | 19°44 | 28°38 | 29°19 | 1°55 | 27° 3 | T 8 |
| W 9 | 11 5 41 | 18° 6'44 | 2♎16 | 19°56 | 2° 7 | 13° 7 | 17°22 | 17°21 | 3°13 | 26°12 | 19°44 | 28°D37 | 29°16 | 2° 1 | 27° 7 | W 9 |
| T 10 | 11 9 38 | 19° 6'46 | 17° 7 | 18°56 | 3°13 | 13°53 | 17°36 | 17°26 | 3°13 | 26°10 | 19°45 | 28°38 | 29°13 | 2° 8 | 27°10 | T 10 |
| F 11 | 11 13 34 | 20° 6'45 | 1♏57 | 17°56 | 4°18 | 14°39 | 17°50 | 17°31 | 3°13 | 26° 9 | 19°46 | 28°38 | 29°10 | 2°15 | 27°14 | F 11 |
| S 12 | 11 17 31 | 21° 6'43 | 16°37 | 16°56 | 5°24 | 15°25 | 18° 3 | 17°37 | 3°D13 | 26° 8 | 19°47 | 28°39 | 29° 7 | 2°21 | 27°18 | S 12 |
| S 13 | 11 21 28 | 22° 6'40 | 1♐ 3 | 15°57 | 6°30 | 16°11 | 18°17 | 17°42 | 3°13 | 26° 7 | 19°47 | 28°40 | 29° 4 | 2°28 | 27°21 | S 13 |
| M14 | 11 25 24 | 23° 6'34 | 15°12 | 15° 2 | 7°36 | 16°58 | 18°31 | 17°48 | 3°13 | 26° 5 | 19°48 | 28°40 | 29° 0 | 2°35 | 27°25 | M14 |
| T 15 | 11 29 21 | 24° 6'28 | 29° 2 | 14°10 | 8°42 | 17°44 | 18°45 | 17°53 | 3°13 | 26° 4 | 19°49 | 28°R40 | 28°57 | 2°41 | 27°29 | T 15 |
| W16 | 11 33 17 | 25° 6'19 | 12♑33 | 13°23 | 9°49 | 18°30 | 18°58 | 17°59 | 3°13 | 26° 3 | 19°50 | 28°40 | 28°54 | 2°48 | 27°32 | W16 |
| T 17 | 11 37 14 | 26° 6'09 | 25°46 | 12°42 | 10°56 | 19°16 | 19°12 | 18° 4 | 3°13 | 26° 1 | 19°51 | 28°40 | 28°51 | 2°55 | 27°36 | T 17 |
| F 18 | 11 41 10 | 27° 5'57 | 8♒42 | 12° 6 | 12° 3 | 20° 2 | 19°26 | 18°10 | 3°14 | 26° 0 | 19°52 | 28°39 | 28°48 | 3° 1 | 27°40 | F 18 |
| S 19 | 11 45 7 | 28° 5'44 | 21°24 | 11°36 | 13°10 | 20°49 | 19°40 | 18°16 | 3°14 | 25°59 | 19°52 | 28°39 | 28°45 | 3° 8 | 27°43 | S 19 |
| S 20 | 11 49 3 | 29° 5'28 | 3♓53 | 11°13 | 14°17 | 21°35 | 19°54 | 18°22 | 3°14 | 25°57 | 19°53 | 28°D39 | 28°41 | 3°15 | 27°47 | S 20 |
| M21 | 11 53 0 | 0♈ 5'11 | 16°10 | 10°56 | 15°24 | 22°21 | 20° 8 | 18°28 | 3°15 | 25°56 | 19°54 | 28°39 | 28°38 | 3°21 | 27°51 | M21 |
| T 22 | 11 56 57 | 1° 4'52 | 28°18 | 10°45 | 16°32 | 23° 7 | 20°22 | 18°34 | 3°15 | 25°54 | 19°55 | 28°R39 | 28°35 | 3°28 | 27°54 | T 22 |
| W23 | 12 0 53 | 2° 4'30 | 10♈18 | 10°D40 | 17°39 | 23°54 | 20°37 | 18°40 | 3°16 | 25°53 | 19°56 | 28°39 | 28°32 | 3°35 | 27°58 | W23 |
| T 24 | 12 4 50 | 3° 4'07 | 22°12 | 10°41 | 18°47 | 24°40 | 20°51 | 18°46 | 3°17 | 25°51 | 19°57 | 28°39 | 28°29 | 3°41 | 28° 2 | T 24 |
| F 25 | 12 8 46 | 4° 3'42 | 4♉ 2 | 10°48 | 19°55 | 25°26 | 21° 5 | 18°52 | 3°17 | 25°50 | 19°58 | 28°38 | 28°25 | 3°48 | 28° 5 | F 25 |
| S 26 | 12 12 43 | 5° 3'14 | 15°51 | 11° 1 | 21° 3 | 26°13 | 21°19 | 18°59 | 3°18 | 25°48 | 19°59 | 28°38 | 28°22 | 3°55 | 28° 9 | S 26 |
| S 27 | 12 16 39 | 6° 2'44 | 27°41 | 11°19 | 22°11 | 26°59 | 21°33 | 19° 5 | 3°19 | 25°47 | 20° 0 | 28°37 | 28°19 | 4° 1 | 28°13 | S 27 |
| M28 | 12 20 36 | 7° 2'13 | 9♊36 | 11°41 | 23°19 | 27°45 | 21°48 | 19°11 | 3°20 | 25°45 | 20° 1 | 28°36 | 28°16 | 4° 8 | 28°16 | M28 |
| T 29 | 12 24 32 | 8° 1'39 | 21°40 | 12° 9 | 24°28 | 28°32 | 22° 2 | 19°18 | 3°21 | 25°44 | 20° 2 | 28°35 | 28°13 | 4°15 | 28°20 | T 29 |
| W30 | 12 28 29 | 9° 1'02 | 3♋58 | 12°41 | 25°36 | 29°18 | 22°16 | 19°24 | 3°22 | 25°42 | 20° 3 | 28°D34 | 28°10 | 4°21 | 28°23 | W30 |
| T 31 | 12 32 26 | 10♈ 0'24 | 16♋32 | 13♓17 | 26♒45 | 0♓ 4 | 22♈30 | 19♉31 | 3♋23 | 25♎41 | 20♉ 4 | 28♓34 | 28♓ 6 | 4♉28 | 28♓27 | 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 | 7s47 | 27n25 | 5n 5 | 0n32 | 2n52 | 18s54 | 2n31 | 19s29 | 1s 0 | 5n 7 | 1s 6 | 14n47 | 2s 7 | 23n41 | 0n17 | 8s34 | 1n43 | 3n 9 | 15s 0 | 0s29 | 0s 7 | 14n23 | 1n58 | 3n36 |
| W 2 | 7 24 | 28 37 | 5 16 | 0 39 | 3 4 | 18 48 | 2 25 | 19 18 | 1 0 | 5 12 | 1 6 | 14 49 | 2 7 | 23 41 | 0 17 | 8 34 | 1 43 | 3 10 | 15 0 | 0 29 | 0 9 | 14 26 | 1 59 | 3 36 |
| T 3 | 7 1 | 28 21 | 5 12 | 0 42 | 3 14 | 18 42 | 2 20 | 19 6 | 1 1 | 5 17 | 1 6 | 14 50 | 2 6 | 23 41 | 0 17 | 8 33 | 1 43 | 3 10 | 15 0 | 0 29 | 0 10 | 14 29 | 2 1 | 3 36 |
| F 4 | 6 38 | 26 32 | 4 52 | 0 40 | 3 23 | 18 35 | 2 15 | 18 55 | 1 1 | 5 22 | 1 6 | 14 52 | 2 6 | 23 41 | 0 17 | 8 33 | 1 43 | 3 11 | 14 59 | 0 30 | 0 11 | 14 32 | 2 2 | 3 36 |
| S 5 | 6 15 | 23 11 | 4 16 | 0 33 | 3 31 | 18 28 | 2 10 | 18 43 | 1 2 | 5 28 | 1 6 | 14 54 | 2 6 | 23 41 | 0 17 | 8 32 | 1 43 | 3 11 | 14 59 | 0 31 | 0 12 | 14 35 | 2 3 | 3 36 |
| S 6 | 5 52 | 18 27 | 3 24 | 0 22 | 3 36 | 18 20 | 2 5 | 18 31 | 1 2 | 5 33 | 1 6 | 14 55 | 2 6 | 23 41 | 0 17 | 8 32 | 1 43 | 3 12 | 14 59 | 0 32 | 0 14 | 14 38 | 2 5 | 3 36 |
| M 7 | 5 29 | 12 34 | 2 18 | 0 6 | 3 39 | 18 12 | 2 0 | 18 19 | 1 3 | 5 38 | 1 5 | 14 57 | 2 6 | 23 41 | 0 17 | 8 31 | 1 43 | 3 12 | 14 59 | 0 32 | 0 15 | 14 41 | 2 6 | 3 35 |
| T 8 | 5 5 | 5 53 | 1 1 | 0s14 | 3 40 | 18 3 | 1 54 | 18 6 | 1 3 | 5 43 | 1 5 | 14 58 | 2 5 | 23 41 | 0 17 | 8 31 | 1 43 | 3 13 | 14 58 | 0 33 | 0 16 | 14 44 | 2 7 | 3 35 |
| W 9 | 4 42 | 1s12 | 0s20 | 0 37 | 3 40 | 17 54 | 1 49 | 17 54 | 1 4 | 5 49 | 1 5 | 15 0 | 2 5 | 23 41 | 0 17 | 8 30 | 1 43 | 3 13 | 14 58 | 0 33 | 0 17 | 14 47 | 2 9 | 3 35 |
| T 10 | 4 18 | 8 16 | 1 41 | 1 3 | 3 37 | 17 44 | 1 44 | 17 41 | 1 4 | 5 54 | 1 5 | 15 2 | 2 5 | 23 41 | 0 17 | 8 30 | 1 43 | 3 14 | 14 58 | 0 33 | 0 19 | 14 50 | 2 10 | 3 35 |
| F 11 | 3 55 | 14 52 | 2 55 | 1 31 | 3 32 | 17 34 | 1 39 | 17 28 | 1 5 | 5 59 | 1 5 | 15 3 | 2 5 | 23 41 | 0 17 | 8 29 | 1 43 | 3 14 | 14 57 | 0 32 | 0 20 | 14 53 | 2 11 | 3 35 |
| S 12 | 3 31 | 20 34 | 3 56 | 2 1 | 3 25 | 17 23 | 1 34 | 17 15 | 1 5 | 6 5 | 1 5 | 15 5 | 2 4 | 23 41 | 0 17 | 8 29 | 1 43 | 3 15 | 14 57 | 0 32 | 0 21 | 14 56 | 2 13 | 3 35 |
| S 13 | 3 8 | 24 57 | 4 41 | 2 32 | 3 16 | 17 12 | 1 29 | 17 1 | 1 6 | 6 10 | 1 5 | 15 7 | 2 4 | 23 41 | 0 17 | 8 28 | 1 43 | 3 15 | 14 57 | 0 32 | 0 22 | 14 59 | 2 14 | 3 35 |
| M14 | 2 44 | 27 43 | 5 9 | 3 2 | 3 6 | 17 1 | 1 24 | 16 48 | 1 6 | 6 15 | 1 5 | 15 9 | 2 4 | 23 41 | 0 17 | 8 28 | 1 43 | 3 15 | 14 56 | 0 32 | 0 24 | 15 2 | 2 16 | 3 35 |
| T 15 | 2 20 | 28 43 | 5 17 | 3 33 | 2 54 | 16 48 | 1 19 | 16 34 | 1 7 | 6 21 | 1 5 | 15 10 | 2 4 | 23 41 | 0 17 | 8 27 | 1 43 | 3 16 | 14 56 | 0 32 | 0 25 | 15 5 | 2 17 | 3 35 |
| W16 | 1 57 | 27 57 | 5 8 | 4 2 | 2 42 | 16 36 | 1 14 | 16 21 | 1 7 | 6 26 | 1 5 | 15 12 | 2 3 | 23 40 | 0 17 | 8 27 | 1 43 | 3 16 | 14 56 | 0 32 | 0 26 | 15 8 | 2 18 | 3 35 |
| T 17 | 1 33 | 25 37 | 4 43 | 4 31 | 2 28 | 16 23 | 1 9 | 16 7 | 1 8 | 6 31 | 1 4 | 15 14 | 2 3 | 23 40 | 0 17 | 8 26 | 1 43 | 3 17 | 14 56 | 0 32 | 0 27 | 15 11 | 2 20 | 3 35 |
| F 18 | 1 9 | 21 59 | 4 3 | 4 57 | 2 14 | 16 9 | 1 4 | 15 52 | 1 8 | 6 37 | 1 4 | 15 16 | 2 3 | 23 40 | 0 17 | 8 26 | 1 43 | 3 17 | 14 55 | 0 32 | 0 29 | 15 14 | 2 21 | 3 35 |
| S 19 | 0 45 | 17 24 | 3 13 | 5 22 | 1 59 | 15 55 | 0 59 | 15 38 | 1 9 | 6 42 | 1 4 | 15 17 | 2 3 | 23 40 | 0 17 | 8 25 | 1 43 | 3 18 | 14 55 | 0 32 | 0 30 | 15 17 | 2 23 | 3 35 |
| S 20 | 0 22 | 12 9 | 2 13 | 5 45 | 1 44 | 15 40 | 0 54 | 15 24 | 1 9 | 6 47 | 1 4 | 15 19 | 2 3 | 23 40 | 0 17 | 8 25 | 1 43 | 3 18 | 14 55 | 0 32 | 0 31 | 15 20 | 2 24 | 3 34 |
| M21 | 0n 2 | 6 31 | 1 9 | 6 5 | 1 29 | 15 25 | 0 49 | 15 9 | 1 10 | 6 53 | 1 4 | 15 21 | 2 2 | 23 40 | 0 17 | 8 24 | 1 43 | 3 19 | 14 55 | 0 32 | 0 33 | 15 23 | 2 25 | 3 34 |
| T 22 | 0 26 | 0 42 | 0 2 | 6 23 | 1 14 | 15 10 | 0 45 | 14 54 | 1 10 | 6 58 | 1 4 | 15 23 | 2 2 | 23 40 | 0 17 | 8 24 | 1 43 | 3 19 | 14 54 | 0 32 | 0 34 | 15 26 | 2 27 | 3 34 |
| W23 | 0 49 | 5n 4 | 1n 4 | 6 39 | 0 59 | 14 54 | 0 40 | 14 39 | 1 10 | 7 3 | 1 4 | 15 25 | 2 2 | 23 40 | 0 17 | 8 23 | 1 44 | 3 20 | 14 54 | 0 32 | 0 35 | 15 29 | 2 28 | 3 34 |
| T 24 | 1 13 | 10 36 | 2 7 | 6 52 | 0 45 | 14 38 | 0 35 | 14 24 | 1 11 | 7 9 | 1 4 | 15 27 | 2 2 | 23 40 | 0 17 | 8 23 | 1 44 | 3 20 | 14 54 | 0 32 | 0 36 | 15 32 | 2 30 | 3 34 |
| F 25 | 1 37 | 15 44 | 3 4 | 7 2 | 0 31 | 14 21 | 0 31 | 14 9 | 1 11 | 7 14 | 1 4 | 15 29 | 2 2 | 23 40 | 0 17 | 8 22 | 1 44 | 3 21 | 14 54 | 0 32 | 0 38 | 15 35 | 2 31 | 3 34 |
| S 26 | 2 0 | 20 17 | 3 53 | 7 11 | 0 17 | 14 4 | 0 26 | 13 54 | 1 12 | 7 20 | 1 4 | 15 30 | 2 1 | 23 40 | 0 17 | 8 21 | 1 44 | 3 21 | 14 53 | 0 33 | 0 39 | 15 38 | 2 32 | 3 34 |
| S 27 | 2 24 | 24 3 | 4 32 | 7 16 | 0 3 | 13 46 | 0 21 | 13 38 | 1 12 | 7 25 | 1 4 | 15 32 | 2 1 | 23 40 | 0 17 | 8 21 | 1 44 | 3 22 | 14 53 | 0 33 | 0 40 | 15 41 | 2 34 | 3 34 |
| M28 | 2 48 | 26 49 | 5 0 | 7 20 | 0s10 | 13 28 | 0 17 | 13 23 | 1 13 | 7 30 | 1 4 | 15 34 | 2 1 | 23 40 | 0 17 | 8 20 | 1 44 | 3 22 | 14 53 | 0 34 | 0 41 | 15 44 | 2 35 | 3 34 |
| T 29 | 3 11 | 28 24 | 5 15 | 7 21 | 0 23 | 13 10 | 0 13 | 13 7 | 1 13 | 7 36 | 1 3 | 15 36 | 2 1 | 23 40 | 0 17 | 8 20 | 1 44 | 3 23 | 14 53 | 0 34 | 0 43 | 15 47 | 2 37 | 3 34 |
| W30 | 3 34 | 28 37 | 5 16 | 7 20 | 0 35 | 12 51 | 0 8 | 12 51 | 1 13 | 7 41 | 1 3 | 15 38 | 2 1 | 23 40 | 0 17 | 8 19 | 1 44 | 3 23 | 14 52 | 0 34 | 0 44 | 15 50 | 2 38 | 3 34 |
| T 31 | 3n58 | 27n23 | 5n 2 | 7s17 | 0s46 | 12s32 | 0n 4 | 12s35 | 1s14 | 7n46 | 1s 3 | 15n40 | 2s 1 | 23n40 | 0n17 | 8s19 | 1n44 | 3n24 | 14s52 | 0s34 | 0s45 | 15n53 | 2n39 | 3n34 |

Julian Day Number = 2494702.5, Delta T = 102.27 sec
Ecliptic obliquity = 23°25'36, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°23'29, Lahiri = 25°30'29

# ASTRODIENST EPHEMERIS for the year 2118
# geocentric

## APRIL 2118 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 12 36 22 | 10♈59'43 | 29♋28 | 13♓57 | 27♒53 | 0♓51 | 22♈45 | 19♉38 | 3♋24 | 25°R39 | 20♉ 5 | 28♓35 | 28♓ 3 | 4♉35 | 28♓31 | F 1 |
| S 2 | 12 40 19 | 11°58'59 | 12♌49 | 14°41 | 29° 2 | 1°37 | 22°59 | 19°44 | 3°25 | 25♎37 | 20° 6 | 28°36 | 28° 0 | 4°41 | 28°34 | S 2 |
| S 3 | 12 44 15 | 12°58'14 | 26°37 | 15°28 | 0♓11 | 2°23 | 23°13 | 19°51 | 3°26 | 25°36 | 20° 8 | 28°37 | 27°57 | 4°48 | 28°38 | S 3 |
| M 4 | 12 48 12 | 13°57'26 | 10♍51 | 16°19 | 1°20 | 3°10 | 23°28 | 19°58 | 3°27 | 25°34 | 20° 9 | 28°38 | 27°54 | 4°55 | 28°41 | M 4 |
| T 5 | 12 52 8 | 14°56'35 | 25°29 | 17°13 | 2°29 | 3°56 | 23°42 | 20° 4 | 3°28 | 25°33 | 20°10 | 28°R39 | 27°51 | 5° 1 | 28°45 | T 5 |
| W 6 | 12 56 5 | 15°55'43 | 10♎27 | 18°10 | 3°38 | 4°42 | 23°57 | 20°11 | 3°30 | 25°31 | 20°11 | 28°38 | 27°47 | 5° 8 | 28°48 | W 6 |
| T 7 | 13 0 1 | 16°54'48 | 25°36 | 19°10 | 4°47 | 5°29 | 24°11 | 20°18 | 3°31 | 25°29 | 20°12 | 28°37 | 27°44 | 5°15 | 28°52 | T 7 |
| F 8 | 13 3 58 | 17°53'52 | 10♏47 | 20°12 | 5°57 | 6°15 | 24°25 | 20°25 | 3°32 | 25°28 | 20°13 | 28°35 | 27°41 | 5°21 | 28°55 | F 8 |
| S 9 | 13 7 54 | 18°52'54 | 25°50 | 21°17 | 7° 6 | 7° 1 | 24°40 | 20°32 | 3°34 | 25°26 | 20°14 | 28°33 | 27°38 | 5°28 | 28°59 | S 9 |
| S 10 | 13 11 51 | 19°51'54 | 10♐37 | 22°25 | 8°16 | 7°48 | 24°54 | 20°39 | 3°35 | 25°25 | 20°16 | 28°30 | 27°35 | 5°35 | 29° 2 | S 10 |
| M11 | 13 15 48 | 20°50'52 | 25° 1 | 23°34 | 9°25 | 8°34 | 25° 9 | 20°46 | 3°37 | 25°23 | 20°17 | 28°28 | 27°31 | 5°41 | 29° 6 | M11 |
| T 12 | 13 19 44 | 21°49'49 | 9♑ 0 | 24°47 | 10°35 | 9°21 | 25°23 | 20°53 | 3°38 | 25°21 | 20°18 | 28°26 | 27°28 | 5°48 | 29° 9 | T 12 |
| W13 | 13 23 41 | 22°48'44 | 22°33 | 26° 1 | 11°45 | 10° 7 | 25°38 | 21° 0 | 3°40 | 25°20 | 20°19 | 28°D25 | 27°25 | 5°55 | 29°13 | W13 |
| T 14 | 13 27 37 | 23°47'37 | 5♒42 | 27°17 | 12°55 | 10°53 | 25°52 | 21° 7 | 3°42 | 25°18 | 20°20 | 28°26 | 27°22 | 6° 2 | 29°16 | T 14 |
| F 15 | 13 31 34 | 24°46'28 | 18°29 | 28°36 | 14° 4 | 11°40 | 26° 7 | 21°15 | 3°43 | 25°16 | 20°22 | 28°27 | 27°19 | 6° 8 | 29°20 | F 15 |
| S 16 | 13 35 30 | 25°45'18 | 0♓59 | 29°56 | 15°14 | 12°26 | 26°21 | 21°22 | 3°45 | 25°15 | 20°23 | 28°29 | 27°16 | 6°15 | 29°23 | S 16 |
| S 17 | 13 39 27 | 26°44'06 | 13°14 | 1♈19 | 16°25 | 13°12 | 26°36 | 21°29 | 3°47 | 25°13 | 20°24 | 28°30 | 27°12 | 6°22 | 29°26 | S 17 |
| M18 | 13 43 23 | 27°42'52 | 25°18 | 2°43 | 17°35 | 13°59 | 26°50 | 21°36 | 3°49 | 25°11 | 20°25 | 28°R31 | 27° 9 | 6°28 | 29°30 | M18 |
| T 19 | 13 47 20 | 28°41'36 | 7♈15 | 4° 9 | 18°45 | 14°45 | 27° 4 | 21°44 | 3°51 | 25°10 | 20°27 | 28°31 | 27° 6 | 6°35 | 29°33 | T 19 |
| W20 | 13 51 17 | 29°40'18 | 19° 7 | 5°37 | 19°55 | 15°31 | 27°19 | 21°51 | 3°53 | 25° 8 | 20°28 | 28°29 | 27° 3 | 6°42 | 29°36 | W20 |
| T 21 | 13 55 13 | 0♉38'58 | 0♉56 | 7° 6 | 21° 5 | 16°18 | 27°33 | 21°59 | 3°55 | 25° 6 | 20°29 | 28°26 | 27° 0 | 6°48 | 29°39 | T 21 |
| F 22 | 13 59 10 | 1°37'37 | 12°46 | 8°38 | 22°16 | 17° 4 | 27°48 | 22° 6 | 3°57 | 25° 5 | 20°31 | 28°21 | 26°56 | 6°55 | 29°43 | F 22 |
| S 23 | 14 3 6 | 2°36'14 | 24°36 | 10°11 | 23°26 | 17°50 | 28° 2 | 22°13 | 3°59 | 25° 3 | 20°32 | 28°15 | 26°53 | 7° 2 | 29°46 | S 23 |
| S 24 | 14 7 3 | 3°34'48 | 6♊30 | 11°46 | 24°37 | 18°36 | 28°17 | 22°21 | 4° 1 | 25° 2 | 20°33 | 28° 8 | 26°50 | 7° 8 | 29°49 | S 24 |
| M25 | 14 10 59 | 4°33'21 | 18°29 | 13°22 | 25°47 | 19°23 | 28°31 | 22°28 | 4° 3 | 25° 0 | 20°34 | 28° 2 | 26°47 | 7°15 | 29°52 | M25 |
| T 26 | 14 14 56 | 5°31'51 | 0♋37 | 15° 1 | 26°58 | 20° 9 | 28°46 | 22°36 | 4° 6 | 24°58 | 20°36 | 27°56 | 26°44 | 7°22 | 29°55 | T 26 |
| W27 | 14 18 52 | 6°30'20 | 12°56 | 16°41 | 28° 8 | 20°55 | 29° 0 | 22°43 | 4° 8 | 24°57 | 20°37 | 27°52 | 26°41 | 7°28 | 29°58 | W27 |
| T 28 | 14 22 49 | 7°28'46 | 25°29 | 18°23 | 29°19 | 21°41 | 29°14 | 22°51 | 4°10 | 24°55 | 20°38 | 27°50 | 26°37 | 7°35 | 0♈ 2 | T 28 |
| F 29 | 14 26 46 | 8°27'11 | 8♌20 | 20° 6 | 0♈30 | 22°27 | 29°29 | 22°59 | 4°12 | 24°54 | 20°40 | 27°D49 | 26°34 | 7°42 | 0° 5 | F 29 |
| S 30 | 14 30 42 | 9♉25'33 | 21♌33 | 21♈51 | 1♈40 | 23♓14 | 29♈43 | 23♉ 6 | 4♋15 | 24♎52 | 20♉41 | 27♓50 | 26♓31 | 7♉48 | 0♈ 8 | 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 | 4n21 | 24n41 | 4n32 | 7s11 | 0s57 | 12s12 | 0s 0 | 12s19 | 1s14 | 7n52 | 1s 3 | 15n42 | 2s 0 | 23n40 | 0n17 | 8s18 | 1n44 | 3n24 | 14s52 | 0s34 | 0s46 | 15n56 | 2n41 | 3n34 |
| S 2 | 4 44 | 20 35 | 3 47 | 7 4 | 1 7 | 11 52 | 0 4 | 12 3 | 1 14 | 7 57 | 1 3 | 15 44 | 2 0 | 23 40 | 0 17 | 8 17 | 1 44 | 3 25 | 14 52 | 0 33 | 0 48 | 15 59 | 2 42 | 3 34 |
| S 3 | 5 7 | 15 16 | 2 48 | 6 55 | 1 17 | 11 32 | 0 9 | 11 47 | 1 15 | 8 2 | 1 3 | 15 46 | 2 0 | 23 40 | 0 17 | 8 17 | 1 44 | 3 25 | 14 52 | 0 33 | 0 49 | 16 2 | 2 44 | 3 34 |
| M 4 | 5 30 | 8 59 | 1 37 | 6 43 | 1 26 | 11 12 | 0 13 | 11 31 | 1 15 | 8 8 | 1 3 | 15 48 | 2 0 | 23 40 | 0 17 | 8 16 | 1 44 | 3 26 | 14 51 | 0 33 | 0 50 | 16 4 | 2 45 | 3 34 |
| T 5 | 5 53 | 2 3 | 0 17 | 6 30 | 1 35 | 10 51 | 0 17 | 11 14 | 1 16 | 8 13 | 1 3 | 15 50 | 2 0 | 23 40 | 0 17 | 8 16 | 1 44 | 3 26 | 14 51 | 0 32 | 0 51 | 16 7 | 2 46 | 3 34 |
| W 6 | 6 16 | 5s 8 | 1s 5 | 6 16 | 1 43 | 10 29 | 0 20 | 10 57 | 1 16 | 8 18 | 1 3 | 15 52 | 2 0 | 23 40 | 0 17 | 8 15 | 1 44 | 3 26 | 14 51 | 0 32 | 0 53 | 16 10 | 2 48 | 3 34 |
| T 7 | 6 39 | 12 7 | 2 24 | 5 59 | 1 51 | 10 8 | 0 24 | 10 41 | 1 16 | 8 24 | 1 3 | 15 54 | 1 59 | 23 40 | 0 17 | 8 14 | 1 44 | 3 27 | 14 51 | 0 33 | 0 54 | 16 13 | 2 49 | 3 34 |
| F 8 | 7 1 | 18 24 | 3 32 | 5 41 | 1 58 | 9 46 | 0 28 | 10 24 | 1 17 | 8 29 | 1 3 | 15 56 | 1 59 | 23 40 | 0 17 | 8 14 | 1 44 | 3 27 | 14 51 | 0 34 | 0 55 | 16 16 | 2 51 | 3 34 |
| S 9 | 7 24 | 23 30 | 4 25 | 5 21 | 2 4 | 9 23 | 0 32 | 10 7 | 1 17 | 8 34 | 1 3 | 15 58 | 1 59 | 23 40 | 0 17 | 8 13 | 1 44 | 3 28 | 14 50 | 0 35 | 0 57 | 16 19 | 2 52 | 3 34 |
| S 10 | 7 46 | 26 58 | 5 0 | 5 0 | 2 10 | 9 1 | 0 35 | 9 50 | 1 17 | 8 40 | 1 3 | 16 0 | 1 59 | 23 40 | 0 17 | 8 13 | 1 44 | 3 28 | 14 50 | 0 36 | 0 58 | 16 22 | 2 53 | 3 34 |
| M11 | 8 8 | 28 34 | 5 14 | 4 37 | 2 16 | 8 38 | 0 39 | 9 33 | 1 17 | 8 45 | 1 3 | 16 2 | 1 59 | 23 40 | 0 17 | 8 12 | 1 44 | 3 29 | 14 50 | 0 37 | 0 59 | 16 25 | 2 55 | 3 34 |
| T 12 | 8 30 | 28 16 | 5 10 | 4 13 | 2 20 | 8 15 | 0 42 | 9 16 | 1 18 | 8 50 | 1 3 | 16 3 | 1 59 | 23 40 | 0 17 | 8 11 | 1 44 | 3 29 | 14 50 | 0 37 | 1 0 | 16 28 | 2 56 | 3 34 |
| W13 | 8 52 | 26 16 | 4 48 | 3 48 | 2 25 | 7 51 | 0 46 | 8 59 | 1 18 | 8 56 | 1 3 | 16 5 | 1 59 | 23 40 | 0 17 | 8 11 | 1 44 | 3 30 | 14 50 | 0 38 | 1 2 | 16 31 | 2 58 | 3 34 |
| T 14 | 9 14 | 22 53 | 4 11 | 3 21 | 2 28 | 7 28 | 0 49 | 8 41 | 1 18 | 9 1 | 1 3 | 16 7 | 1 58 | 23 40 | 0 17 | 8 10 | 1 44 | 3 30 | 14 50 | 0 37 | 1 3 | 16 34 | 2 59 | 3 34 |
| F 15 | 9 35 | 18 29 | 3 23 | 2 52 | 2 31 | 7 4 | 0 52 | 8 24 | 1 19 | 9 6 | 1 3 | 16 9 | 1 58 | 23 40 | 0 17 | 8 10 | 1 44 | 3 31 | 14 49 | 0 37 | 1 4 | 16 36 | 3 0 | 3 34 |
| S 16 | 9 57 | 13 23 | 2 26 | 2 23 | 2 34 | 6 40 | 0 55 | 8 6 | 1 19 | 9 11 | 1 3 | 16 11 | 1 58 | 23 39 | 0 17 | 8 9 | 1 44 | 3 31 | 14 49 | 0 36 | 1 5 | 16 39 | 3 2 | 3 34 |
| S 17 | 10 18 | 7 52 | 1 23 | 1 52 | 2 36 | 6 15 | 0 58 | 7 49 | 1 19 | 9 17 | 1 3 | 16 13 | 1 58 | 23 39 | 0 17 | 8 8 | 1 44 | 3 32 | 14 49 | 0 36 | 1 7 | 16 42 | 3 3 | 3 34 |
| M18 | 10 39 | 2 8 | 0 18 | 1 20 | 2 38 | 5 51 | 1 1 | 7 31 | 1 19 | 9 22 | 1 3 | 16 15 | 1 58 | 23 39 | 0 17 | 8 8 | 1 44 | 3 32 | 14 49 | 0 35 | 1 8 | 16 45 | 3 4 | 3 34 |
| T 19 | 11 0 | 3n36 | 0n48 | 0 47 | 2 39 | 5 26 | 1 4 | 7 14 | 1 20 | 9 27 | 1 3 | 16 17 | 1 58 | 23 39 | 0 17 | 8 7 | 1 44 | 3 32 | 14 49 | 0 35 | 1 9 | 16 48 | 3 6 | 3 34 |
| W20 | 11 21 | 9 11 | 1 50 | 0 12 | 2 39 | 5 1 | 1 7 | 6 56 | 1 20 | 9 32 | 1 3 | 16 19 | 1 58 | 23 39 | 0 17 | 8 7 | 1 44 | 3 33 | 14 49 | 0 36 | 1 10 | 16 51 | 3 7 | 3 34 |
| T 21 | 11 42 | 14 25 | 2 48 | 0n23 | 2 39 | 4 36 | 1 10 | 6 38 | 1 20 | 9 38 | 1 2 | 16 21 | 1 58 | 23 39 | 0 17 | 8 6 | 1 44 | 3 33 | 14 49 | 0 37 | 1 12 | 16 54 | 3 8 | 3 34 |
| F 22 | 12 2 | 19 7 | 3 38 | 1 0 | 2 38 | 4 11 | 1 12 | 6 20 | 1 20 | 9 43 | 1 2 | 16 23 | 1 57 | 23 39 | 0 17 | 8 5 | 1 44 | 3 34 | 14 48 | 0 39 | 1 13 | 16 56 | 3 10 | 3 34 |
| S 23 | 12 22 | 23 6 | 4 19 | 1 37 | 2 37 | 3 45 | 1 15 | 6 3 | 1 21 | 9 48 | 1 2 | 16 25 | 1 57 | 23 39 | 0 17 | 8 5 | 1 44 | 3 34 | 14 48 | 0 42 | 1 14 | 16 59 | 3 11 | 3 34 |
| S 24 | 12 42 | 26 7 | 4 49 | 2 16 | 2 36 | 3 19 | 1 17 | 5 45 | 1 21 | 9 53 | 1 2 | 16 27 | 1 57 | 23 39 | 0 17 | 8 4 | 1 44 | 3 35 | 14 48 | 0 44 | 1 15 | 17 2 | 3 12 | 3 34 |
| M25 | 13 2 | 28 1 | 5 6 | 2 55 | 2 33 | 2 54 | 1 20 | 5 27 | 1 21 | 9 58 | 1 2 | 16 29 | 1 57 | 23 39 | 0 17 | 8 4 | 1 44 | 3 35 | 14 48 | 0 47 | 1 17 | 17 5 | 3 14 | 3 34 |
| T 26 | 13 22 | 28 36 | 5 10 | 3 36 | 2 31 | 2 28 | 1 22 | 5 9 | 1 21 | 10 3 | 1 2 | 16 31 | 1 57 | 23 39 | 0 17 | 8 3 | 1 44 | 3 35 | 14 48 | 0 49 | 1 18 | 17 8 | 3 15 | 3 34 |
| W27 | 13 41 | 27 46 | 5 0 | 4 17 | 2 27 | 2 2 | 1 24 | 4 51 | 1 21 | 10 8 | 1 2 | 16 33 | 1 57 | 23 39 | 0 17 | 8 2 | 1 44 | 3 36 | 14 48 | 0 51 | 1 19 | 17 11 | 3 16 | 3 34 |
| T 28 | 14 0 | 25 32 | 4 35 | 4 59 | 2 24 | 1 36 | 1 26 | 4 33 | 1 22 | 10 13 | 1 2 | 16 35 | 1 57 | 23 39 | 0 17 | 8 2 | 1 44 | 3 36 | 14 48 | 0 52 | 1 20 | 17 14 | 3 17 | 3 35 |
| F 29 | 14 19 | 21 58 | 3 56 | 5 42 | 2 19 | 1 9 | 1 28 | 4 15 | 1 22 | 10 19 | 1 2 | 16 37 | 1 57 | 23 39 | 0 17 | 8 1 | 1 44 | 3 37 | 14 48 | 0 52 | 1 22 | 17 16 | 3 19 | 3 35 |
| S 30 | 14n37 | 17n13 | 3n 4 | 6n26 | 2s15 | 0s43 | 1s30 | 3s56 | 1s22 | 10n24 | 1s 2 | 16n39 | 1s57 | 23n38 | 0n17 | 8s 1 | 1n44 | 3n37 | 14s48 | 0s52 | 1s23 | 17n19 | 3n20 | 3n35 |

Julian Day Number = 2494733.5, Delta T = 102.31 sec
Ecliptic obliquity = 23°25'36, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°23'33, Lahiri = 25°30'33

# ASTRODIENST EPHEMERIS for the year 2118
# geocentric

## MAY 2118

**00:00 UT**

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 14 34 39 | 10♉23'52 | 5♍11 | 23♈38 | 2♈51 | 24♓ 0 | 29♈57 | 23♉14 | 4♋17 | 24°R50 | 20♉42 | 27♓51 | 26♓28 | 7♉55 | 0♈11 | S 1 |
| M 2 | 14 38 35 | 11°22'10 | 19°15 | 25°27 | 4° 2 | 24°46 | 0♉12 | 23°21 | 4°20 | 24♎49 | 20°44 | 27°52 | 26°25 | 8° 2 | 0°14 | M 2 |
| T 3 | 14 42 32 | 12°20'26 | 3♎44 | 27°17 | 5°13 | 25°32 | 0°26 | 23°29 | 4°22 | 24°47 | 20°45 | 27°R52 | 26°22 | 8° 8 | 0°16 | T 3 |
| W 4 | 14 46 28 | 13°18'40 | 18°37 | 29°10 | 6°24 | 26°18 | 0°40 | 23°37 | 4°25 | 24°46 | 20°46 | 27°51 | 26°18 | 8°15 | 0°19 | W 4 |
| T 5 | 14 50 25 | 14°16'52 | 3♏47 | 1♉ 4 | 7°35 | 27° 4 | 0°54 | 23°44 | 4°27 | 24°44 | 20°48 | 27°47 | 26°15 | 8°22 | 0°22 | T 5 |
| F 6 | 14 54 21 | 15°15'02 | 19° 3 | 2°59 | 8°46 | 27°50 | 1° 9 | 23°52 | 4°30 | 24°43 | 20°49 | 27°41 | 26°12 | 8°28 | 0°25 | F 6 |
| S 7 | 14 58 18 | 16°13'10 | 4♐17 | 4°57 | 9°57 | 28°36 | 1°23 | 24° 0 | 4°32 | 24°41 | 20°50 | 27°34 | 26° 9 | 8°35 | 0°28 | S 7 |
| S 8 | 15 2 15 | 17°11'17 | 19°17 | 6°56 | 11° 8 | 29°22 | 1°37 | 24° 7 | 4°35 | 24°40 | 20°52 | 27°27 | 26° 6 | 8°42 | 0°31 | S 8 |
| M 9 | 15 6 11 | 18° 9'23 | 3♑55 | 8°57 | 12°19 | 0♈ 8 | 1°51 | 24°15 | 4°38 | 24°38 | 20°53 | 27°20 | 26° 2 | 8°48 | 0°33 | M 9 |
| T 10 | 15 10 8 | 19° 7'27 | 18° 6 | 10°59 | 13°30 | 0°54 | 2° 5 | 24°23 | 4°41 | 24°37 | 20°55 | 27°14 | 25°59 | 8°55 | 0°36 | T 10 |
| W11 | 15 14 4 | 20° 5'29 | 1♒47 | 13° 3 | 14°42 | 1°40 | 2°19 | 24°31 | 4°43 | 24°35 | 20°56 | 27°11 | 25°56 | 9° 2 | 0°39 | W11 |
| T 12 | 15 18 1 | 21° 3'31 | 14°59 | 15° 9 | 15°53 | 2°26 | 2°33 | 24°38 | 4°46 | 24°34 | 20°57 | 27° 9 | 25°53 | 9° 9 | 0°41 | T 12 |
| F 13 | 15 21 57 | 22° 1'31 | 27°46 | 17°16 | 17° 4 | 3°12 | 2°48 | 24°46 | 4°49 | 24°32 | 20°59 | 27°D 9 | 25°50 | 9°15 | 0°44 | F 13 |
| S 14 | 15 25 54 | 22°59'29 | 10♓12 | 19°24 | 18°15 | 3°58 | 3° 2 | 24°54 | 4°52 | 24°31 | 21° 0 | 27°10 | 25°47 | 9°22 | 0°46 | S 14 |
| S 15 | 15 29 51 | 23°57'26 | 22°22 | 21°33 | 19°27 | 4°44 | 3°16 | 25° 2 | 4°55 | 24°30 | 21° 1 | 27°R11 | 25°43 | 9°29 | 0°49 | S 15 |
| M16 | 15 33 47 | 24°55'22 | 4♈20 | 23°43 | 20°38 | 5°29 | 3°29 | 25° 9 | 4°58 | 24°28 | 21° 3 | 27°11 | 25°40 | 9°35 | 0°51 | M16 |
| T 17 | 15 37 44 | 25°53'17 | 16°11 | 25°53 | 21°50 | 6°15 | 3°43 | 25°17 | 5° 1 | 24°27 | 21° 4 | 27° 9 | 25°37 | 9°42 | 0°54 | T 17 |
| W18 | 15 41 40 | 26°51'10 | 27°59 | 28° 5 | 23° 1 | 7° 1 | 3°57 | 25°25 | 5° 4 | 24°26 | 21° 5 | 27° 4 | 25°34 | 9°49 | 0°56 | W18 |
| T 19 | 15 45 37 | 27°49'02 | 9♉48 | 0♊16 | 24°13 | 7°47 | 4°11 | 25°33 | 5° 7 | 24°24 | 21° 7 | 26°57 | 25°31 | 9°55 | 0°58 | T 19 |
| F 20 | 15 49 33 | 28°46'53 | 21°38 | 2°27 | 25°24 | 8°32 | 4°25 | 25°40 | 5°10 | 24°23 | 21° 8 | 26°48 | 25°28 | 10° 2 | 1° 1 | F 20 |
| S 21 | 15 53 30 | 29°44'42 | 3♊33 | 4°38 | 26°36 | 9°18 | 4°39 | 25°48 | 5°13 | 24°22 | 21° 9 | 26°37 | 25°24 | 10° 9 | 1° 3 | S 21 |
| S 22 | 15 57 26 | 0♊42'30 | 15°35 | 6°48 | 27°47 | 10° 3 | 4°52 | 25°56 | 5°16 | 24°20 | 21°11 | 26°25 | 25°21 | 10°15 | 1° 5 | S 22 |
| M23 | 16 1 23 | 1°40'17 | 27°43 | 8°57 | 28°59 | 10°49 | 5° 6 | 26° 4 | 5°19 | 24°19 | 21°12 | 26°14 | 25°18 | 10°22 | 1° 7 | M23 |
| T 24 | 16 5 20 | 2°38'02 | 9♋59 | 11° 5 | 0♉11 | 11°34 | 5°20 | 26°11 | 5°22 | 24°18 | 21°13 | 26° 3 | 25°15 | 10°29 | 1° 9 | T 24 |
| W25 | 16 9 16 | 3°35'45 | 22°26 | 13°11 | 1°22 | 12°20 | 5°33 | 26°19 | 5°25 | 24°17 | 21°15 | 25°54 | 25°12 | 10°35 | 1°12 | W25 |
| T 26 | 16 13 13 | 4°33'27 | 5♌ 5 | 15°16 | 2°34 | 13° 5 | 5°47 | 26°27 | 5°29 | 24°16 | 21°16 | 25°48 | 25° 8 | 10°42 | 1°14 | T 26 |
| F 27 | 16 17 9 | 5°31'08 | 17°59 | 17°19 | 3°46 | 13°51 | 6° 0 | 26°34 | 5°32 | 24°14 | 21°17 | 25°45 | 25° 5 | 10°49 | 1°16 | F 27 |
| S 28 | 16 21 6 | 6°28'47 | 1♍ 9 | 19°20 | 4°57 | 14°36 | 6°14 | 26°42 | 5°35 | 24°13 | 21°19 | 25°D44 | 25° 2 | 10°55 | 1°18 | S 28 |
| S 29 | 16 25 2 | 7°26'24 | 14°40 | 21°18 | 6° 9 | 15°21 | 6°27 | 26°50 | 5°38 | 24°12 | 21°20 | 25°44 | 24°59 | 11° 2 | 1°19 | S 29 |
| M30 | 16 28 59 | 8°24'00 | 28°33 | 23°14 | 7°21 | 16° 7 | 6°40 | 26°57 | 5°42 | 24°11 | 21°21 | 25°R44 | 24°56 | 11° 9 | 1°21 | M30 |
| T 31 | 16 32 55 | 9♊21'34 | 12♎49 | 25♊ 8 | 8♉33 | 16♈52 | 6♉53 | 27♉ 5 | 5♋45 | 24♎10 | 21♉23 | 25♓43 | 24♓53 | 11♉16 | 1♈23 | 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 | 14n56 | 11n28 | 2n 0 | 7n10 | 2s 9 | 0s16 | 1s32 | 3s38 | 1s22 | 10n29 | 1s 2 | 16n41 | 1s57 | 23n38 | 0n17 | 8s 0 | 1n44 | 3n38 | 14s47 | 0s51 | 1s24 | 17n22 | 3n21 | 3n35 |
| M 2 | 15 14 | 4 58 | 0 47 | 7 55 | 2 4 | 0n10 | 1 34 | 3 20 | 1 22 | 10 34 | 1 2 | 16 43 | 1 56 | 23 38 | 0 17 | 8 0 | 1 44 | 3 38 | 14 47 | 0 51 | 1 26 | 17 25 | 3 22 | 3 35 |
| T 3 | 15 32 | 1s58 | 0s32 | 8 41 | 1 57 | 0 37 | 1 36 | 3 2 | 1 22 | 10 39 | 1 2 | 16 45 | 1 56 | 23 38 | 0 17 | 7 59 | 1 44 | 3 38 | 14 47 | 0 51 | 1 27 | 17 28 | 3 24 | 3 35 |
| W 4 | 15 50 | 8 59 | 1 50 | 9 27 | 1 50 | 1 3 | 1 37 | 2 44 | 1 22 | 10 44 | 1 2 | 16 47 | 1 56 | 23 38 | 0 17 | 7 59 | 1 44 | 3 39 | 14 47 | 0 51 | 1 28 | 17 30 | 3 25 | 3 35 |
| T 5 | 16 7 | 15 37 | 3 2 | 10 13 | 1 43 | 1 30 | 1 39 | 2 26 | 1 23 | 10 49 | 1 2 | 16 49 | 1 56 | 23 38 | 0 17 | 7 58 | 1 44 | 3 39 | 14 47 | 0 53 | 1 29 | 17 33 | 3 26 | 3 35 |
| F 6 | 16 24 | 21 20 | 4 1 | 11 0 | 1 36 | 1 56 | 1 40 | 2 7 | 1 23 | 10 53 | 1 2 | 16 51 | 1 56 | 23 38 | 0 17 | 7 57 | 1 44 | 3 39 | 14 47 | 0 55 | 1 31 | 17 36 | 3 27 | 3 35 |
| S 7 | 16 41 | 25 37 | 4 43 | 11 47 | 1 27 | 2 23 | 1 41 | 1 49 | 1 23 | 10 58 | 1 2 | 16 53 | 1 56 | 23 38 | 0 17 | 7 57 | 1 44 | 3 40 | 14 47 | 0 58 | 1 32 | 17 39 | 3 28 | 3 35 |
| S 8 | 16 57 | 28 3 | 5 4 | 12 35 | 1 19 | 2 50 | 1 43 | 1 31 | 1 23 | 11 3 | 1 2 | 16 55 | 1 56 | 23 38 | 0 17 | 7 56 | 1 44 | 3 40 | 14 47 | 1 1 | 1 33 | 17 42 | 3 30 | 3 35 |
| M 9 | 17 14 | 28 27 | 5 5 | 13 22 | 1 10 | 3 16 | 1 44 | 1 13 | 1 23 | 11 8 | 1 2 | 16 57 | 1 56 | 23 38 | 0 17 | 7 56 | 1 44 | 3 41 | 14 47 | 1 4 | 1 34 | 17 44 | 3 31 | 3 35 |
| T 10 | 17 30 | 26 57 | 4 47 | 14 9 | 1 1 | 3 43 | 1 45 | 0 55 | 1 23 | 11 13 | 1 2 | 16 59 | 1 56 | 23 38 | 0 17 | 7 55 | 1 44 | 3 41 | 14 47 | 1 6 | 1 36 | 17 47 | 3 32 | 3 35 |
| W11 | 17 45 | 23 52 | 4 13 | 14 56 | 0 51 | 4 10 | 1 46 | 0 36 | 1 23 | 11 18 | 1 2 | 17 1 | 1 56 | 23 37 | 0 17 | 7 55 | 1 44 | 3 41 | 14 47 | 1 7 | 1 37 | 17 50 | 3 33 | 3 35 |
| T 12 | 18 1 | 19 37 | 3 27 | 15 43 | 0 41 | 4 36 | 1 47 | 0 18 | 1 23 | 11 23 | 1 2 | 17 3 | 1 56 | 23 37 | 0 17 | 7 54 | 1 44 | 3 42 | 14 47 | 1 8 | 1 38 | 17 53 | 3 34 | 3 36 |
| F 13 | 18 16 | 14 36 | 2 31 | 16 29 | 0 31 | 5 3 | 1 47 | 0 0 | 1 23 | 11 27 | 1 2 | 17 5 | 1 56 | 23 37 | 0 17 | 7 54 | 1 44 | 3 42 | 14 47 | 1 8 | 1 39 | 17 55 | 3 35 | 3 36 |
| S 14 | 18 31 | 9 8 | 1 30 | 17 14 | 0 21 | 5 29 | 1 48 | 0n18 | 1 23 | 11 32 | 1 3 | 17 7 | 1 56 | 23 37 | 0 17 | 7 53 | 1 44 | 3 42 | 14 47 | 1 8 | 1 41 | 17 58 | 3 36 | 3 36 |
| S 15 | 18 45 | 3 26 | 0 26 | 17 58 | 0 10 | 5 56 | 1 49 | 0 36 | 1 23 | 11 37 | 1 3 | 17 9 | 1 56 | 23 37 | 0 17 | 7 53 | 1 44 | 3 43 | 14 47 | 1 7 | 1 42 | 18 1 | 3 37 | 3 36 |
| M16 | 18 59 | 2n18 | 0n38 | 18 42 | 0n 0 | 6 22 | 1 49 | 0 54 | 1 23 | 11 42 | 1 3 | 17 10 | 1 56 | 23 37 | 0 17 | 7 52 | 1 44 | 3 43 | 14 47 | 1 7 | 1 43 | 18 4 | 3 38 | 3 36 |
| T 17 | 19 13 | 7 54 | 1 40 | 19 24 | 0 11 | 6 48 | 1 50 | 1 12 | 1 23 | 11 46 | 1 3 | 17 12 | 1 55 | 23 37 | 0 17 | 7 52 | 1 44 | 3 43 | 14 47 | 1 8 | 1 44 | 18 7 | 3 39 | 3 36 |
| W18 | 19 27 | 13 12 | 2 37 | 20 4 | 0 21 | 7 14 | 1 50 | 1 30 | 1 23 | 11 51 | 1 3 | 17 14 | 1 55 | 23 37 | 0 17 | 7 51 | 1 44 | 3 44 | 14 47 | 1 10 | 1 46 | 18 9 | 3 41 | 3 36 |
| T 19 | 19 40 | 18 1 | 3 27 | 20 43 | 0 32 | 7 41 | 1 50 | 1 48 | 1 23 | 11 55 | 1 3 | 17 16 | 1 55 | 23 37 | 0 17 | 7 51 | 1 43 | 3 44 | 14 47 | 1 13 | 1 47 | 18 12 | 3 42 | 3 36 |
| F 20 | 19 53 | 22 9 | 4 8 | 21 19 | 0 42 | 8 6 | 1 50 | 2 6 | 1 23 | 12 0 | 1 3 | 17 18 | 1 55 | 23 36 | 0 17 | 7 50 | 1 43 | 3 44 | 14 47 | 1 16 | 1 48 | 18 15 | 3 43 | 3 36 |
| S 21 | 20 5 | 25 25 | 4 39 | 21 54 | 0 52 | 8 32 | 1 50 | 2 24 | 1 23 | 12 5 | 1 3 | 17 20 | 1 55 | 23 36 | 0 17 | 7 50 | 1 43 | 3 45 | 14 47 | 1 21 | 1 49 | 18 17 | 3 44 | 3 36 |
| S 22 | 20 17 | 27 34 | 4 57 | 22 26 | 1 1 | 8 58 | 1 50 | 2 42 | 1 23 | 12 9 | 1 3 | 17 22 | 1 55 | 23 36 | 0 17 | 7 50 | 1 43 | 3 45 | 14 47 | 1 25 | 1 51 | 18 20 | 3 45 | 3 36 |
| M23 | 20 29 | 28 27 | 5 2 | 22 56 | 1 10 | 9 23 | 1 50 | 3 0 | 1 23 | 12 14 | 1 3 | 17 23 | 1 55 | 23 36 | 0 17 | 7 49 | 1 43 | 3 45 | 14 47 | 1 30 | 1 52 | 18 23 | 3 45 | 3 37 |
| T 24 | 20 41 | 27 56 | 4 54 | 23 24 | 1 19 | 9 48 | 1 50 | 3 18 | 1 23 | 12 18 | 1 3 | 17 25 | 1 55 | 23 36 | 0 17 | 7 49 | 1 43 | 3 46 | 14 47 | 1 34 | 1 53 | 18 26 | 3 46 | 3 37 |
| W25 | 20 52 | 26 1 | 4 31 | 23 48 | 1 27 | 10 13 | 1 50 | 3 36 | 1 23 | 12 23 | 1 3 | 17 27 | 1 55 | 23 36 | 0 17 | 7 48 | 1 43 | 3 46 | 14 47 | 1 38 | 1 55 | 18 28 | 3 47 | 3 37 |
| T 26 | 21 2 | 22 47 | 3 55 | 24 11 | 1 34 | 10 38 | 1 50 | 3 54 | 1 23 | 12 27 | 1 3 | 17 29 | 1 55 | 23 36 | 0 17 | 7 48 | 1 43 | 3 46 | 14 47 | 1 40 | 1 56 | 18 31 | 3 48 | 3 37 |
| F 27 | 21 13 | 18 23 | 3 6 | 24 30 | 1 41 | 11 3 | 1 49 | 4 11 | 1 23 | 12 31 | 1 3 | 17 31 | 1 55 | 23 36 | 0 17 | 7 48 | 1 43 | 3 46 | 14 47 | 1 41 | 1 57 | 18 34 | 3 49 | 3 37 |
| S 28 | 21 23 | 13 2 | 2 7 | 24 47 | 1 47 | 11 27 | 1 49 | 4 29 | 1 23 | 12 36 | 1 3 | 17 32 | 1 55 | 23 35 | 0 17 | 7 47 | 1 43 | 3 47 | 14 47 | 1 42 | 1 58 | 18 36 | 3 50 | 3 37 |
| S 29 | 21 32 | 6 56 | 0 58 | 25 1 | 1 53 | 11 52 | 1 48 | 4 46 | 1 23 | 12 40 | 1 3 | 17 34 | 1 55 | 23 35 | 0 17 | 7 47 | 1 43 | 3 47 | 14 47 | 1 42 | 2 0 | 18 39 | 3 51 | 3 37 |
| M30 | 21 42 | 0 21 | 0s15 | 25 12 | 1 57 | 12 16 | 1 48 | 5 4 | 1 22 | 12 44 | 1 3 | 17 36 | 1 55 | 23 35 | 0 17 | 7 46 | 1 43 | 3 47 | 14 47 | 1 42 | 2 1 | 18 42 | 3 52 | 3 37 |
| T 31 | 21n51 | 6s26 | 1s29 | 25n21 | 2n 1 | 12n39 | 1s47 | 5n21 | 1s22 | 12n49 | 1s 3 | 17n38 | 1s55 | 23n35 | 0n17 | 7s46 | 1n43 | 3n47 | 14s47 | 1s42 | 2s 2 | 18n45 | 3n53 | 3n37 |

Julian Day Number = 2494763.5, Delta T = 102.36 sec
Ecliptic obliquity = 23°25'35, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°23'37, Lahiri = 25°30'37

# ASTRODIENST EPHEMERIS for the year 2118
# geocentric

## JUNE 2118 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| W 1 | 16 36 52 | 10♊19'07 | 27♎27 | 26♊59 | 9♉44 | 17♈37 | 7♉ 7 | 27♉13 | 5♋48 | 24°R 9 | 21♉24 | 25°R40 | 24♓49 | 11♉22 | 1♈25 | W 1 |
| T 2 | 16 40 49 | 11°16'39 | 12♏23 | 28°48 | 10°56 | 18°22 | 7°20 | 27°20 | 5°51 | 24♎ 8 | 21°25 | 25♓34 | 24°46 | 11°29 | 1°27 | T 2 |
| F 3 | 16 44 45 | 12°14'09 | 27°29 | 0♋33 | 12° 8 | 19° 7 | 7°33 | 27°28 | 5°55 | 24° 7 | 21°27 | 25°26 | 24°43 | 11°36 | 1°28 | F 3 |
| S 4 | 16 48 42 | 13°11'39 | 12♐36 | 2°16 | 13°20 | 19°52 | 7°46 | 27°35 | 5°58 | 24° 6 | 21°28 | 25°16 | 24°40 | 11°42 | 1°30 | S 4 |
| S 5 | 16 52 38 | 14° 9'07 | 27°35 | 3°56 | 14°32 | 20°37 | 7°59 | 27°43 | 6° 2 | 24° 5 | 21°29 | 25° 6 | 24°37 | 11°49 | 1°32 | S 5 |
| M 6 | 16 56 35 | 15° 6'35 | 12♑15 | 5°34 | 15°44 | 21°22 | 8°12 | 27°51 | 6° 5 | 24° 4 | 21°30 | 24°55 | 24°34 | 11°56 | 1°33 | M 6 |
| T 7 | 17 0 31 | 16° 4'01 | 26°30 | 7° 8 | 16°56 | 22° 7 | 8°25 | 27°58 | 6° 8 | 24° 3 | 21°32 | 24°47 | 24°30 | 12° 2 | 1°35 | T 7 |
| W 8 | 17 4 28 | 17° 1'27 | 10♒16 | 8°40 | 18° 8 | 22°52 | 8°38 | 28° 6 | 6°12 | 24° 2 | 21°33 | 24°40 | 24°27 | 12° 9 | 1°36 | W 8 |
| T 9 | 17 8 24 | 17°58'52 | 23°33 | 10° 8 | 19°20 | 23°36 | 8°50 | 28°13 | 6°15 | 24° 2 | 21°34 | 24°36 | 24°24 | 12°16 | 1°37 | T 9 |
| F 10 | 17 12 21 | 18°56'17 | 6♓24 | 11°34 | 20°32 | 24°21 | 9° 3 | 28°20 | 6°19 | 24° 1 | 21°35 | 24°35 | 24°21 | 12°22 | 1°39 | F 10 |
| S 11 | 17 16 18 | 19°53'40 | 18°51 | 12°57 | 21°44 | 25° 6 | 9°16 | 28°28 | 6°22 | 24° 0 | 21°37 | 24°34 | 24°18 | 12°29 | 1°40 | S 11 |
| S 12 | 17 20 14 | 20°51'04 | 1♈ 1 | 14°16 | 22°56 | 25°50 | 9°28 | 28°35 | 6°26 | 23°59 | 21°38 | 24°34 | 24°14 | 12°36 | 1°41 | S 12 |
| M13 | 17 24 11 | 21°48'26 | 12°59 | 15°33 | 24° 8 | 26°35 | 9°41 | 28°43 | 6°29 | 23°59 | 21°39 | 24°33 | 24°11 | 12°42 | 1°42 | M13 |
| T 14 | 17 28 7 | 22°45'48 | 24°50 | 16°47 | 25°21 | 27°20 | 9°53 | 28°50 | 6°33 | 23°58 | 21°40 | 24°31 | 24° 8 | 12°49 | 1°44 | T 14 |
| W15 | 17 32 4 | 23°43'10 | 6♉38 | 17°57 | 26°33 | 28° 4 | 10° 5 | 28°57 | 6°36 | 23°57 | 21°41 | 24°26 | 24° 5 | 12°56 | 1°45 | W15 |
| T 16 | 17 36 0 | 24°40'31 | 18°28 | 19° 4 | 27°45 | 28°48 | 10°17 | 29° 5 | 6°40 | 23°57 | 21°43 | 24°18 | 24° 2 | 13° 3 | 1°46 | T 16 |
| F 17 | 17 39 57 | 25°37'52 | 0♊23 | 20° 8 | 28°57 | 29°33 | 10°30 | 29°12 | 6°43 | 23°56 | 21°44 | 24° 7 | 23°59 | 13° 9 | 1°47 | F 17 |
| S 18 | 17 43 53 | 26°35'12 | 12°25 | 21° 9 | 0♊10 | 0♉17 | 10°42 | 29°19 | 6°47 | 23°56 | 21°45 | 23°55 | 23°55 | 13°16 | 1°48 | S 18 |
| S 19 | 17 47 50 | 27°32'32 | 24°36 | 22° 6 | 1°22 | 1° 1 | 10°54 | 29°26 | 6°51 | 23°55 | 21°46 | 23°41 | 23°52 | 13°23 | 1°49 | S 19 |
| M20 | 17 51 47 | 28°29'51 | 6♋57 | 23° 0 | 2°34 | 1°45 | 11° 6 | 29°33 | 6°54 | 23°54 | 21°47 | 23°28 | 23°49 | 13°29 | 1°49 | M20 |
| T 21 | 17 55 43 | 29°27'10 | 19°28 | 23°50 | 3°46 | 2°29 | 11°18 | 29°40 | 6°58 | 23°54 | 21°48 | 23°16 | 23°46 | 13°36 | 1°50 | T 21 |
| W22 | 17 59 40 | 0♋24'27 | 2♌ 9 | 24°36 | 4°59 | 3°13 | 11°29 | 29°47 | 7° 1 | 23°54 | 21°49 | 23° 6 | 23°43 | 13°43 | 1°51 | W22 |
| T 23 | 18 3 36 | 1°21'45 | 15° 2 | 25°19 | 6°11 | 3°57 | 11°41 | 29°55 | 7° 5 | 23°53 | 21°50 | 22°59 | 23°40 | 13°49 | 1°52 | T 23 |
| F 24 | 18 7 33 | 2°19'01 | 28° 7 | 25°57 | 7°24 | 4°41 | 11°53 | 0♊ 2 | 7° 9 | 23°53 | 21°52 | 22°55 | 23°36 | 13°56 | 1°52 | F 24 |
| S 25 | 18 11 29 | 3°16'17 | 11♍25 | 26°32 | 8°36 | 5°25 | 12° 4 | 0° 8 | 7°12 | 23°52 | 21°53 | 22°53 | 23°33 | 14° 3 | 1°53 | S 25 |
| S 26 | 18 15 26 | 4°13'32 | 24°58 | 27° 2 | 9°49 | 6° 9 | 12°15 | 0°15 | 7°16 | 23°52 | 21°54 | 22°D52 | 23°30 | 14° 9 | 1°53 | S 26 |
| M27 | 18 19 22 | 5°10'46 | 8♎47 | 27°28 | 11° 1 | 6°52 | 12°27 | 0°22 | 7°19 | 23°52 | 21°55 | 22°R52 | 23°27 | 14°16 | 1°54 | M27 |
| T 28 | 18 23 19 | 6° 8'00 | 22°52 | 27°50 | 12°14 | 7°36 | 12°38 | 0°29 | 7°23 | 23°52 | 21°56 | 22°52 | 23°24 | 14°23 | 1°54 | T 28 |
| W29 | 18 27 16 | 7° 5'13 | 7♏15 | 28° 7 | 13°26 | 8°19 | 12°49 | 0°36 | 7°27 | 23°51 | 21°57 | 22°49 | 23°20 | 14°30 | 1°54 | W29 |
| T 30 | 18 31 12 | 8♋ 2'26 | 21♏51 | 28♋20 | 14♊39 | 9♉ 3 | 13♉ 0 | 0♊43 | 7♋30 | 23♎51 | 21♉58 | 22♓44 | 23♓17 | 14♉36 | 1♈55 | T 30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 21n59 | 13s 2 | 2s40 | 25n28 | 2n 4 | 13n 3 | 1s46 | 5n39 | 1s22 | 12n53 | 1s 3 | 17n39 | 1s55 | 23n35 | 0n17 | 7s46 | 1n43 | 3n48 | 14s47 | 1s43 | 2s 3 | 18n47 | 3n53 | 3n38 |
| T 2 | 22 7 | 19 2 | 3 40 | 25 32 | 2 7 | 13 26 | 1 45 | 5 56 | 1 22 | 12 57 | 1 3 | 17 41 | 1 55 | 23 35 | 0 17 | 7 45 | 1 43 | 3 48 | 14 47 | 1 46 | 2 5 | 18 50 | 3 54 | 3 38 |
| F 3 | 22 15 | 23 54 | 4 26 | 25 34 | 2 8 | 13 49 | 1 45 | 6 13 | 1 22 | 13 1 | 1 3 | 17 43 | 1 55 | 23 35 | 0 17 | 7 45 | 1 43 | 3 48 | 14 47 | 1 49 | 2 6 | 18 53 | 3 55 | 3 38 |
| S 4 | 22 22 | 27 9 | 4 54 | 25 34 | 2 9 | 14 11 | 1 44 | 6 30 | 1 22 | 13 6 | 1 3 | 17 45 | 1 55 | 23 34 | 0 17 | 7 45 | 1 43 | 3 48 | 14 48 | 1 53 | 2 7 | 18 55 | 3 56 | 3 38 |
| S 5 | 22 29 | 28 25 | 5 1 | 25 31 | 2 9 | 14 33 | 1 42 | 6 47 | 1 22 | 13 10 | 1 3 | 17 46 | 1 55 | 23 34 | 0 17 | 7 45 | 1 43 | 3 49 | 14 48 | 1 57 | 2 8 | 18 58 | 3 56 | 3 38 |
| M 6 | 22 36 | 27 38 | 4 48 | 25 27 | 2 8 | 14 55 | 1 41 | 7 4 | 1 21 | 13 14 | 1 4 | 17 48 | 1 55 | 23 34 | 0 17 | 7 44 | 1 43 | 3 49 | 14 48 | 2 1 | 2 10 | 19 1 | 3 57 | 3 38 |
| T 7 | 22 42 | 25 2 | 4 17 | 25 21 | 2 7 | 15 17 | 1 40 | 7 21 | 1 21 | 13 18 | 1 4 | 17 50 | 1 55 | 23 34 | 0 17 | 7 44 | 1 43 | 3 49 | 14 48 | 2 4 | 2 11 | 19 3 | 3 58 | 3 38 |
| W 8 | 22 48 | 21 3 | 3 32 | 25 13 | 2 4 | 15 38 | 1 39 | 7 38 | 1 21 | 13 22 | 1 4 | 17 51 | 1 55 | 23 34 | 0 17 | 7 44 | 1 43 | 3 49 | 14 48 | 2 7 | 2 12 | 19 6 | 3 59 | 3 38 |
| T 9 | 22 53 | 16 7 | 2 36 | 25 3 | 2 1 | 15 59 | 1 38 | 7 55 | 1 21 | 13 26 | 1 4 | 17 53 | 1 55 | 23 34 | 0 17 | 7 43 | 1 43 | 3 49 | 14 48 | 2 9 | 2 13 | 19 9 | 3 59 | 3 39 |
| F 10 | 22 58 | 10 38 | 1 35 | 24 52 | 1 57 | 16 20 | 1 36 | 8 11 | 1 21 | 13 30 | 1 4 | 17 54 | 1 55 | 23 34 | 0 17 | 7 43 | 1 43 | 3 50 | 14 48 | 2 9 | 2 15 | 19 11 | 4 0 | 3 39 |
| S 11 | 23 2 | 4 52 | 0 30 | 24 40 | 1 53 | 16 40 | 1 35 | 8 28 | 1 20 | 13 34 | 1 4 | 17 56 | 1 55 | 23 33 | 0 17 | 7 43 | 1 43 | 3 50 | 14 48 | 2 9 | 2 16 | 19 14 | 4 1 | 3 39 |
| S 12 | 23 7 | 0n56 | 0n34 | 24 27 | 1 47 | 16 59 | 1 33 | 8 44 | 1 20 | 13 38 | 1 4 | 17 58 | 1 55 | 23 33 | 0 17 | 7 43 | 1 43 | 3 50 | 14 48 | 2 9 | 2 17 | 19 16 | 4 1 | 3 39 |
| M13 | 23 10 | 6 36 | 1 36 | 24 12 | 1 41 | 17 19 | 1 32 | 9 0 | 1 20 | 13 41 | 1 4 | 17 59 | 1 55 | 23 33 | 0 17 | 7 42 | 1 43 | 3 50 | 14 49 | 2 10 | 2 18 | 19 19 | 4 2 | 3 39 |
| T 14 | 23 14 | 11 59 | 2 33 | 23 56 | 1 35 | 17 38 | 1 30 | 9 17 | 1 19 | 13 45 | 1 4 | 18 1 | 1 55 | 23 33 | 0 17 | 7 42 | 1 43 | 3 50 | 14 49 | 2 11 | 2 20 | 19 22 | 4 2 | 3 39 |
| W15 | 23 17 | 16 55 | 3 23 | 23 40 | 1 27 | 17 56 | 1 29 | 9 33 | 1 19 | 13 49 | 1 4 | 18 2 | 1 55 | 23 33 | 0 17 | 7 42 | 1 42 | 3 50 | 14 49 | 2 13 | 2 21 | 19 24 | 4 3 | 3 39 |
| T 16 | 23 19 | 21 13 | 4 4 | 23 22 | 1 19 | 18 14 | 1 27 | 9 49 | 1 19 | 13 53 | 1 4 | 18 4 | 1 55 | 23 33 | 0 17 | 7 42 | 1 42 | 3 51 | 14 49 | 2 16 | 2 22 | 19 27 | 4 3 | 3 40 |
| F 17 | 23 21 | 24 42 | 4 35 | 23 4 | 1 10 | 18 32 | 1 25 | 10 5 | 1 19 | 13 57 | 1 4 | 18 5 | 1 55 | 23 32 | 0 17 | 7 42 | 1 42 | 3 51 | 14 49 | 2 20 | 2 23 | 19 30 | 4 4 | 3 40 |
| S 18 | 23 23 | 27 7 | 4 54 | 22 45 | 1 0 | 18 49 | 1 23 | 10 21 | 1 18 | 14 0 | 1 4 | 18 7 | 1 55 | 23 32 | 0 17 | 7 42 | 1 42 | 3 51 | 14 49 | 2 25 | 2 25 | 19 32 | 4 4 | 3 40 |
| S 19 | 23 24 | 28 18 | 5 0 | 22 26 | 0 50 | 19 6 | 1 21 | 10 36 | 1 18 | 14 4 | 1 5 | 18 8 | 1 55 | 23 32 | 0 17 | 7 41 | 1 42 | 3 51 | 14 49 | 2 30 | 2 26 | 19 35 | 4 5 | 3 40 |
| M20 | 23 25 | 28 6 | 4 52 | 22 6 | 0 39 | 19 22 | 1 19 | 10 52 | 1 18 | 14 7 | 1 5 | 18 10 | 1 55 | 23 32 | 0 17 | 7 41 | 1 42 | 3 51 | 14 50 | 2 36 | 2 27 | 19 37 | 4 5 | 3 40 |
| T 21 | 23 26 | 26 28 | 4 30 | 21 47 | 0 27 | 19 38 | 1 17 | 11 7 | 1 17 | 14 11 | 1 5 | 18 11 | 1 56 | 23 32 | 0 17 | 7 41 | 1 42 | 3 51 | 14 50 | 2 40 | 2 28 | 19 40 | 4 6 | 3 40 |
| W22 | 23 26 | 23 28 | 3 54 | 21 27 | 0 15 | 19 53 | 1 15 | 11 22 | 1 17 | 14 15 | 1 5 | 18 13 | 1 56 | 23 31 | 0 17 | 7 41 | 1 42 | 3 51 | 14 50 | 2 44 | 2 30 | 19 42 | 4 6 | 3 40 |
| T 23 | 23 25 | 19 16 | 3 6 | 21 6 | 0 3 | 20 7 | 1 13 | 11 38 | 1 17 | 14 18 | 1 5 | 18 14 | 1 56 | 23 31 | 0 17 | 7 41 | 1 42 | 3 51 | 14 50 | 2 47 | 2 31 | 19 45 | 4 7 | 3 41 |
| F 24 | 23 24 | 14 6 | 2 7 | 20 46 | 0s11 | 20 22 | 1 11 | 11 53 | 1 16 | 14 22 | 1 5 | 18 16 | 1 56 | 23 31 | 0 17 | 7 41 | 1 42 | 3 52 | 14 50 | 2 49 | 2 32 | 19 48 | 4 7 | 3 41 |
| S 25 | 23 23 | 8 13 | 1 0 | 20 26 | 0 24 | 20 35 | 1 9 | 12 8 | 1 16 | 14 25 | 1 5 | 18 17 | 1 56 | 23 31 | 0 17 | 7 41 | 1 42 | 3 52 | 14 50 | 2 50 | 2 34 | 19 50 | 4 7 | 3 41 |
| S 26 | 23 22 | 1 50 | 0s11 | 20 7 | 0 39 | 20 48 | 1 7 | 12 22 | 1 15 | 14 28 | 1 5 | 18 18 | 1 56 | 23 31 | 0 17 | 7 41 | 1 42 | 3 52 | 14 50 | 2 50 | 2 35 | 19 53 | 4 8 | 3 41 |
| M27 | 23 19 | 4s45 | 1 23 | 19 47 | 0 53 | 21 1 | 1 5 | 12 37 | 1 15 | 14 32 | 1 5 | 18 20 | 1 56 | 23 31 | 0 17 | 7 41 | 1 42 | 3 52 | 14 51 | 2 50 | 2 36 | 19 55 | 4 8 | 3 41 |
| T 28 | 23 17 | 11 14 | 2 32 | 19 28 | 1 8 | 21 13 | 1 3 | 12 52 | 1 15 | 14 35 | 1 5 | 18 21 | 1 56 | 23 30 | 0 17 | 7 41 | 1 42 | 3 52 | 14 51 | 2 50 | 2 37 | 19 58 | 4 8 | 3 41 |
| W29 | 23 14 | 17 16 | 3 32 | 19 10 | 1 24 | 21 24 | 1 0 | 13 6 | 1 14 | 14 38 | 1 5 | 18 22 | 1 56 | 23 30 | 0 17 | 7 41 | 1 42 | 3 52 | 14 51 | 2 51 | 2 39 | 20 0 | 4 9 | 3 41 |
| T 30 | 23n11 | 22s23 | 4s19 | 18n52 | 1s39 | 21n35 | 0s58 | 13n20 | 1s14 | 14n41 | 1s 6 | 18n24 | 1s56 | 23n30 | 0n17 | 7s40 | 1n42 | 3n52 | 14s51 | 2s53 | 2s40 | 20n 3 | 4n 9 | 3n42 |

Julian Day Number = 2494794.5, Delta T = 102.40 sec
Ecliptic obliquity = 23°25'35, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°23'41, Lahiri = 25°30'42

# ASTRODIENST EPHEMERIS for the year 2118
## geocentric

## JULY 2118 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| F 1 | 18 35 9 | 8♋59'38 | 6♐36 | 28♋28 | 15♊51 | 9♉46 | 13♉11 | 0♊49 | 7♋34 | 23°R51 | 21♉59 | 22°R36 | 23♓14 | 14♉43 | 1♈55 | F 1 |
| S 2 | 18 39 5 | 9°56'50 | 21°23 | 28°R32 | 17° 4 | 10°30 | 13°22 | 0°56 | 7°37 | 23♎51 | 22° 0 | 22♓27 | 23°11 | 14°50 | 1°55 | S 2 |
| S 3 | 18 43 2 | 10°54'02 | 6♑ 5 | 28°30 | 18°16 | 11°13 | 13°33 | 1° 2 | 7°41 | 23°51 | 22° 1 | 22°16 | 23° 8 | 14°56 | 1°55 | S 3 |
| M 4 | 18 46 58 | 11°51'14 | 20°32 | 28°25 | 19°29 | 11°56 | 13°43 | 1° 9 | 7°45 | 23°51 | 22° 2 | 22° 6 | 23° 5 | 15° 3 | 1°55 | M 4 |
| T 5 | 18 50 55 | 12°48'25 | 4♒39 | 28°15 | 20°42 | 12°39 | 13°54 | 1°15 | 7°48 | 23°51 | 22° 3 | 21°58 | 23° 1 | 15°10 | 1°R55 | T 5 |
| W 6 | 18 54 52 | 13°45'36 | 18°22 | 28° 0 | 21°54 | 13°22 | 14° 4 | 1°22 | 7°52 | 23°D51 | 22° 3 | 21°51 | 22°58 | 15°16 | 1°55 | W 6 |
| T 7 | 18 58 48 | 14°42'48 | 1♓39 | 27°41 | 23° 7 | 14° 5 | 14°15 | 1°28 | 7°55 | 23°51 | 22° 4 | 21°47 | 22°55 | 15°23 | 1°55 | T 7 |
| F 8 | 19 2 45 | 15°40'00 | 14°30 | 27°18 | 24°20 | 14°48 | 14°25 | 1°35 | 7°59 | 23°51 | 22° 5 | 21°45 | 22°52 | 15°30 | 1°55 | F 8 |
| S 9 | 19 6 41 | 16°37'11 | 27° 0 | 26°52 | 25°33 | 15°31 | 14°35 | 1°41 | 8° 3 | 23°51 | 22° 6 | 21°D45 | 22°49 | 15°36 | 1°55 | S 9 |
| S 10 | 19 10 38 | 17°34'23 | 9♈13 | 26°22 | 26°45 | 16°13 | 14°45 | 1°47 | 8° 6 | 23°51 | 22° 7 | 21°46 | 22°46 | 15°43 | 1°55 | S 10 |
| M11 | 19 14 34 | 18°31'36 | 21°12 | 25°49 | 27°58 | 16°56 | 14°55 | 1°53 | 8°10 | 23°51 | 22° 8 | 21°R46 | 22°42 | 15°50 | 1°54 | M11 |
| T 12 | 19 18 31 | 19°28'49 | 3♉ 5 | 25°14 | 29°11 | 17°38 | 15° 5 | 1°59 | 8°13 | 23°51 | 22° 9 | 21°45 | 22°39 | 15°57 | 1°54 | T 12 |
| W13 | 19 22 27 | 20°26'02 | 14°55 | 24°37 | 0♋24 | 18°21 | 15°15 | 2° 5 | 8°17 | 23°52 | 22° 9 | 21°42 | 22°36 | 16° 3 | 1°54 | W13 |
| T 14 | 19 26 24 | 21°23'16 | 26°48 | 23°59 | 1°37 | 19° 3 | 15°24 | 2°11 | 8°20 | 23°52 | 22°10 | 21°37 | 22°33 | 16°10 | 1°53 | T 14 |
| F 15 | 19 30 21 | 22°20'30 | 8♊47 | 23°20 | 2°50 | 19°45 | 15°34 | 2°17 | 8°24 | 23°52 | 22°11 | 21°29 | 22°30 | 16°17 | 1°53 | F 15 |
| S 16 | 19 34 17 | 23°17'45 | 20°56 | 22°41 | 4° 3 | 20°28 | 15°43 | 2°23 | 8°27 | 23°52 | 22°12 | 21°20 | 22°26 | 16°23 | 1°52 | S 16 |
| S 17 | 19 38 14 | 24°15'00 | 3♋17 | 22° 3 | 5°16 | 21°10 | 15°52 | 2°29 | 8°31 | 23°53 | 22°12 | 21°10 | 22°23 | 16°30 | 1°52 | S 17 |
| M18 | 19 42 10 | 25°12'16 | 15°51 | 21°26 | 6°29 | 21°52 | 16° 1 | 2°35 | 8°34 | 23°53 | 22°13 | 21° 0 | 22°20 | 16°37 | 1°51 | M18 |
| T 19 | 19 46 7 | 26° 9'32 | 28°39 | 20°51 | 7°42 | 22°34 | 16°10 | 2°40 | 8°38 | 23°54 | 22°14 | 20°51 | 22°17 | 16°43 | 1°50 | T 19 |
| W20 | 19 50 3 | 27° 6'48 | 11♌40 | 20°19 | 8°55 | 23°15 | 16°19 | 2°46 | 8°41 | 23°54 | 22°15 | 20°44 | 22°14 | 16°50 | 1°50 | W20 |
| T 21 | 19 54 0 | 28° 4'04 | 24°53 | 19°50 | 10° 8 | 23°57 | 16°28 | 2°51 | 8°45 | 23°54 | 22°15 | 20°38 | 22°11 | 16°57 | 1°49 | T 21 |
| F 22 | 19 57 56 | 29° 1'21 | 8♍18 | 19°26 | 11°22 | 24°39 | 16°36 | 2°57 | 8°48 | 23°55 | 22°16 | 20°36 | 22° 7 | 17° 4 | 1°48 | F 22 |
| S 23 | 20 1 53 | 29°58'38 | 21°54 | 19° 5 | 12°35 | 25°20 | 16°45 | 3° 2 | 8°52 | 23°56 | 22°16 | 20°D35 | 22° 4 | 17°10 | 1°47 | S 23 |
| S 24 | 20 5 50 | 0♌55'55 | 5♎39 | 18°49 | 13°48 | 26° 2 | 16°53 | 3° 8 | 8°55 | 23°56 | 22°17 | 20°36 | 22° 1 | 17°17 | 1°46 | S 24 |
| M25 | 20 9 46 | 1°53'13 | 19°35 | 18°38 | 15° 1 | 26°43 | 17° 1 | 3°13 | 8°59 | 23°57 | 22°18 | 20°37 | 21°58 | 17°24 | 1°45 | M25 |
| T 26 | 20 13 43 | 2°50'31 | 3♏40 | 18°D32 | 16°15 | 27°24 | 17° 9 | 3°18 | 9° 2 | 23°57 | 22°18 | 20°R37 | 21°55 | 17°30 | 1°44 | T 26 |
| W27 | 20 17 39 | 3°47'49 | 17°53 | 18°33 | 17°28 | 28° 5 | 17°17 | 3°23 | 9° 5 | 23°58 | 22°19 | 20°36 | 21°52 | 17°37 | 1°43 | W27 |
| T 28 | 20 21 36 | 4°45'07 | 2♐12 | 18°38 | 18°41 | 28°46 | 17°25 | 3°28 | 9° 9 | 23°59 | 22°19 | 20°34 | 21°48 | 17°44 | 1°42 | T 28 |
| F 29 | 20 25 32 | 5°42'26 | 16°34 | 18°50 | 19°54 | 29°27 | 17°32 | 3°33 | 9°12 | 23°59 | 22°20 | 20°29 | 21°45 | 17°50 | 1°40 | F 29 |
| S 30 | 20 29 29 | 6°39'46 | 0♑56 | 19° 8 | 21° 8 | 0♊ 8 | 17°40 | 3°38 | 9°15 | 24° 0 | 22°20 | 20°23 | 21°42 | 17°57 | 1°39 | S 30 |
| S 31 | 20 33 25 | 7♌37'05 | 15♑11 | 19♋32 | 22♋21 | 0♊49 | 17♉47 | 3♊43 | 9♋19 | 24♎ 1 | 22♉21 | 20♓17 | 21♓39 | 18♉ 4 | 1♈38 | S 31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| F 1 | 23n 7 | 26s10 | 4s50 | 18n35 | 1s55 | 21n45 | 0s56 | 13n34 | 1s13 | 14n45 | 1s 6 | 18n25 | 1s56 | 23n30 | 0n17 | 7s40 | 1n42 | 3n52 | 14s51 | 2s56 | 2s41 | 20n 5 | 4n 9 | 3n42 |
| S 2 | 23 3 | 28 10 | 5 2 | 18 19 | 2 11 | 21 55 | 0 53 | 13 48 | 1 13 | 14 48 | 1 6 | 18 26 | 1 56 | 23 30 | 0 17 | 7 40 | 1 42 | 3 52 | 14 52 | 3 0 | 2 42 | 20 8 | 4 9 | 3 42 |
| S 3 | 22 59 | 28 10 | 4 53 | 18 3 | 2 27 | 22 4 | 0 51 | 14 2 | 1 12 | 14 51 | 1 6 | 18 28 | 1 56 | 23 29 | 0 17 | 7 40 | 1 42 | 3 52 | 14 52 | 3 4 | 2 44 | 20 11 | 4 9 | 3 42 |
| M 4 | 22 54 | 26 14 | 4 26 | 17 49 | 2 42 | 22 12 | 0 48 | 14 16 | 1 12 | 14 54 | 1 6 | 18 29 | 1 56 | 23 29 | 0 17 | 7 41 | 1 42 | 3 52 | 14 52 | 3 8 | 2 45 | 20 13 | 4 10 | 3 42 |
| T 5 | 22 49 | 22 41 | 3 43 | 17 36 | 2 58 | 22 20 | 0 46 | 14 29 | 1 12 | 14 57 | 1 6 | 18 30 | 1 56 | 23 29 | 0 17 | 7 41 | 1 41 | 3 52 | 14 52 | 3 11 | 2 46 | 20 16 | 4 10 | 3 42 |
| W 6 | 22 43 | 17 58 | 2 48 | 17 24 | 3 13 | 22 27 | 0 44 | 14 43 | 1 11 | 15 0 | 1 6 | 18 31 | 1 56 | 23 29 | 0 17 | 7 41 | 1 41 | 3 52 | 14 52 | 3 14 | 2 47 | 20 18 | 4 10 | 3 42 |
| T 7 | 22 37 | 12 31 | 1 45 | 17 13 | 3 28 | 22 34 | 0 41 | 14 56 | 1 11 | 15 3 | 1 6 | 18 32 | 1 57 | 23 29 | 0 17 | 7 41 | 1 41 | 3 52 | 14 53 | 3 15 | 2 49 | 20 21 | 4 10 | 3 42 |
| F 8 | 22 30 | 6 41 | 0 39 | 17 4 | 3 42 | 22 40 | 0 39 | 15 9 | 1 10 | 15 6 | 1 7 | 18 34 | 1 57 | 23 28 | 0 17 | 7 41 | 1 41 | 3 52 | 14 53 | 3 16 | 2 50 | 20 23 | 4 10 | 3 43 |
| S 9 | 22 24 | 0 46 | 0n28 | 16 56 | 3 55 | 22 45 | 0 36 | 15 22 | 1 9 | 15 9 | 1 7 | 18 35 | 1 57 | 23 28 | 0 17 | 7 41 | 1 41 | 3 52 | 14 53 | 3 16 | 2 51 | 20 26 | 4 10 | 3 43 |
| S 10 | 22 16 | 5n 3 | 1 32 | 16 49 | 4 7 | 22 50 | 0 34 | 15 35 | 1 9 | 15 11 | 1 7 | 18 36 | 1 57 | 23 28 | 0 17 | 7 41 | 1 41 | 3 52 | 14 53 | 3 16 | 2 52 | 20 28 | 4 10 | 3 43 |
| M11 | 22 9 | 10 35 | 2 30 | 16 44 | 4 18 | 22 54 | 0 31 | 15 47 | 1 8 | 15 14 | 1 7 | 18 37 | 1 57 | 23 28 | 0 17 | 7 41 | 1 41 | 3 52 | 14 54 | 3 16 | 2 54 | 20 31 | 4 10 | 3 43 |
| T 12 | 22 1 | 15 41 | 3 22 | 16 41 | 4 28 | 22 57 | 0 28 | 16 0 | 1 8 | 15 17 | 1 7 | 18 38 | 1 57 | 23 28 | 0 17 | 7 41 | 1 41 | 3 52 | 14 54 | 3 16 | 2 55 | 20 33 | 4 10 | 3 43 |
| W13 | 21 52 | 20 12 | 4 4 | 16 39 | 4 37 | 23 0 | 0 26 | 16 12 | 1 7 | 15 20 | 1 7 | 18 39 | 1 57 | 23 27 | 0 17 | 7 41 | 1 41 | 3 52 | 14 54 | 3 17 | 2 56 | 20 36 | 4 10 | 3 43 |
| T 14 | 21 44 | 23 55 | 4 37 | 16 38 | 4 44 | 23 2 | 0 23 | 16 24 | 1 7 | 15 22 | 1 7 | 18 40 | 1 57 | 23 27 | 0 17 | 7 41 | 1 41 | 3 52 | 14 54 | 3 19 | 2 57 | 20 38 | 4 10 | 3 43 |
| F 15 | 21 35 | 26 39 | 4 57 | 16 39 | 4 50 | 23 3 | 0 21 | 16 36 | 1 6 | 15 25 | 1 7 | 18 41 | 1 57 | 23 27 | 0 17 | 7 42 | 1 41 | 3 52 | 14 54 | 3 22 | 2 59 | 20 40 | 4 10 | 3 44 |
| S 16 | 21 25 | 28 11 | 5 4 | 16 41 | 4 54 | 23 4 | 0 18 | 16 48 | 1 6 | 15 27 | 1 8 | 18 42 | 1 57 | 23 27 | 0 17 | 7 42 | 1 41 | 3 52 | 14 55 | 3 26 | 3 0 | 20 43 | 4 10 | 3 44 |
| S 17 | 21 15 | 28 21 | 4 58 | 16 45 | 4 56 | 23 4 | 0 16 | 17 0 | 1 5 | 15 30 | 1 8 | 18 43 | 1 58 | 23 26 | 0 17 | 7 42 | 1 41 | 3 52 | 14 55 | 3 30 | 3 1 | 20 45 | 4 10 | 3 44 |
| M18 | 21 5 | 27 4 | 4 37 | 16 50 | 4 57 | 23 3 | 0 13 | 17 11 | 1 4 | 15 32 | 1 8 | 18 44 | 1 58 | 23 26 | 0 17 | 7 42 | 1 41 | 3 52 | 14 55 | 3 34 | 3 2 | 20 48 | 4 10 | 3 44 |
| T 19 | 20 54 | 24 21 | 4 1 | 16 56 | 4 56 | 23 2 | 0 10 | 17 22 | 1 4 | 15 35 | 1 8 | 18 45 | 1 58 | 23 26 | 0 17 | 7 42 | 1 41 | 3 52 | 14 55 | 3 38 | 3 4 | 20 50 | 4 9 | 3 44 |
| W20 | 20 43 | 20 22 | 3 13 | 17 3 | 4 53 | 23 0 | 0 8 | 17 34 | 1 3 | 15 37 | 1 8 | 18 46 | 1 58 | 23 26 | 0 17 | 7 43 | 1 41 | 3 52 | 14 56 | 3 40 | 3 5 | 20 53 | 4 9 | 3 44 |
| T 21 | 20 32 | 15 19 | 2 13 | 17 12 | 4 49 | 22 57 | 0 5 | 17 45 | 1 2 | 15 40 | 1 8 | 18 47 | 1 58 | 23 26 | 0 17 | 7 43 | 1 41 | 3 52 | 14 56 | 3 42 | 3 6 | 20 55 | 4 9 | 3 44 |
| F 22 | 20 21 | 9 28 | 1 6 | 17 21 | 4 43 | 22 54 | 0 3 | 17 55 | 1 2 | 15 42 | 1 8 | 18 48 | 1 58 | 23 25 | 0 17 | 7 43 | 1 41 | 3 51 | 14 56 | 3 43 | 3 7 | 20 58 | 4 9 | 3 44 |
| S 23 | 20 9 | 3 6 | 0s 7 | 17 31 | 4 36 | 22 50 | 0 0 | 18 6 | 1 1 | 15 44 | 1 9 | 18 49 | 1 58 | 23 25 | 0 17 | 7 43 | 1 41 | 3 51 | 14 56 | 3 44 | 3 9 | 21 0 | 4 9 | 3 45 |
| S 24 | 19 56 | 3s28 | 1 20 | 17 42 | 4 27 | 22 45 | 0n 2 | 18 16 | 1 0 | 15 46 | 1 9 | 18 50 | 1 58 | 23 25 | 0 17 | 7 43 | 1 40 | 3 51 | 14 57 | 3 43 | 3 10 | 21 2 | 4 8 | 3 45 |
| M25 | 19 44 | 9 58 | 2 30 | 17 53 | 4 18 | 22 40 | 0 5 | 18 27 | 1 0 | 15 48 | 1 9 | 18 51 | 1 58 | 23 25 | 0 17 | 7 44 | 1 40 | 3 51 | 14 57 | 3 43 | 3 11 | 21 5 | 4 8 | 3 45 |
| T 26 | 19 31 | 16 2 | 3 31 | 18 4 | 4 7 | 22 34 | 0 7 | 18 37 | 0 59 | 15 51 | 1 9 | 18 52 | 1 59 | 23 25 | 0 17 | 7 44 | 1 40 | 3 51 | 14 57 | 3 43 | 3 12 | 21 7 | 4 8 | 3 45 |
| W27 | 19 18 | 21 18 | 4 20 | 18 16 | 3 55 | 22 27 | 0 10 | 18 46 | 0 58 | 15 53 | 1 9 | 18 53 | 1 59 | 23 24 | 0 17 | 7 44 | 1 40 | 3 51 | 14 58 | 3 43 | 3 14 | 21 10 | 4 7 | 3 45 |
| T 28 | 19 4 | 25 22 | 4 53 | 18 28 | 3 42 | 22 20 | 0 12 | 18 56 | 0 58 | 15 55 | 1 9 | 18 54 | 1 59 | 23 24 | 0 17 | 7 45 | 1 40 | 3 51 | 14 58 | 3 44 | 3 15 | 21 12 | 4 7 | 3 45 |
| F 29 | 18 50 | 27 51 | 5 8 | 18 40 | 3 28 | 22 12 | 0 15 | 19 6 | 0 57 | 15 57 | 1 9 | 18 54 | 1 59 | 23 24 | 0 17 | 7 45 | 1 40 | 3 51 | 14 58 | 3 46 | 3 16 | 21 14 | 4 7 | 3 45 |
| S 30 | 18 36 | 28 29 | 5 3 | 18 51 | 3 14 | 22 3 | 0 17 | 19 15 | 0 56 | 15 59 | 1 10 | 18 55 | 1 59 | 23 24 | 0 18 | 7 45 | 1 40 | 3 50 | 14 58 | 3 48 | 3 17 | 21 17 | 4 6 | 3 45 |
| S 31 | 18n21 | 27s12 | 4s40 | 19n 2 | 3s 0 | 21n54 | 0n20 | 19n24 | 0s55 | 16n 0 | 1s10 | 18n56 | 1s59 | 23n23 | 0n18 | 7s46 | 1n40 | 3n50 | 14s59 | 3s51 | 3s19 | 21n19 | 4n 6 | 3n46 |

Julian Day Number = 2494824.5, Delta T = 102.45 sec
Ecliptic obliquity = 23°25'34, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°23'45, Lahiri = 25°30'46

# ASTRODIENST EPHEMERIS for the year 2118
# geocentric

## AUGUST 2118 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| M 1 | 20 37 22 | 8♌34'26 | 29♉15 | 20♋ 2 | 23♋35 | 1♊29 | 17♉54 | 3♊48 | 9♋22 | 24♎ 2 | 22♉21 | 20°R10 | 21♓36 | 18♉11 | 1°R36 | M 1 |
| T 2 | 20 41 19 | 9°31'47 | 13♒ 3 | 20°38 | 24°48 | 2°10 | 18° 1 | 3°52 | 9°25 | 24° 3 | 22°22 | 20♓ 5 | 21°32 | 18°17 | 1♈35 | T 2 |
| W 3 | 20 45 15 | 10°29'09 | 26°31 | 21°21 | 26° 2 | 2°50 | 18° 8 | 3°57 | 9°28 | 24° 4 | 22°22 | 20° 1 | 21°29 | 18°24 | 1°34 | W 3 |
| T 4 | 20 49 12 | 11°26'32 | 9♓39 | 22° 9 | 27°15 | 3°30 | 18°15 | 4° 1 | 9°31 | 24° 4 | 22°22 | 19°59 | 21°26 | 18°31 | 1°32 | T 4 |
| F 5 | 20 53 8 | 12°23'56 | 22°26 | 23° 3 | 28°29 | 4°10 | 18°21 | 4° 6 | 9°35 | 24° 5 | 22°23 | 19°D58 | 21°23 | 18°37 | 1°31 | F 5 |
| S 6 | 20 57 5 | 13°21'20 | 4♈55 | 24° 3 | 29°42 | 4°50 | 18°28 | 4°10 | 9°38 | 24° 6 | 22°23 | 19°59 | 21°20 | 18°44 | 1°29 | S 6 |
| S 7 | 21 1 1 | 14°18'46 | 17° 7 | 25° 9 | 0♌56 | 5°30 | 18°34 | 4°14 | 9°41 | 24° 7 | 22°24 | 20° 1 | 21°17 | 18°51 | 1°27 | S 7 |
| M 8 | 21 4 58 | 15°16'14 | 29° 8 | 26°20 | 2°10 | 6°10 | 18°40 | 4°18 | 9°44 | 24° 8 | 22°24 | 20° 2 | 21°13 | 18°57 | 1°26 | M 8 |
| T 9 | 21 8 54 | 16°13'42 | 11♉ 2 | 27°37 | 3°23 | 6°50 | 18°46 | 4°22 | 9°47 | 24° 9 | 22°24 | 20°R 3 | 21°10 | 19° 4 | 1°24 | T 9 |
| W10 | 21 12 51 | 17°11'12 | 22°54 | 28°59 | 4°37 | 7°29 | 18°52 | 4°26 | 9°50 | 24°11 | 22°24 | 20° 3 | 21° 7 | 19°11 | 1°22 | W10 |
| T 11 | 21 16 48 | 18° 8'43 | 4♊49 | 0♌26 | 5°51 | 8° 9 | 18°57 | 4°30 | 9°53 | 24°12 | 22°25 | 20° 2 | 21° 4 | 19°18 | 1°20 | T 11 |
| F 12 | 21 20 44 | 19° 6'15 | 16°50 | 1°58 | 7° 4 | 8°48 | 19° 3 | 4°34 | 9°56 | 24°13 | 22°25 | 19°59 | 21° 1 | 19°24 | 1°19 | F 12 |
| S 13 | 21 24 41 | 20° 3'49 | 29° 4 | 3°34 | 8°18 | 9°27 | 19° 8 | 4°38 | 9°59 | 24°14 | 22°25 | 19°55 | 20°58 | 19°31 | 1°17 | S 13 |
| S 14 | 21 28 37 | 21° 1'24 | 11♋31 | 5°14 | 9°32 | 10° 6 | 19°13 | 4°41 | 10° 2 | 24°15 | 22°25 | 19°51 | 20°54 | 19°38 | 1°15 | S 14 |
| M15 | 21 32 34 | 21°59'01 | 24°16 | 6°58 | 10°46 | 10°45 | 19°18 | 4°45 | 10° 5 | 24°16 | 22°25 | 19°46 | 20°51 | 19°44 | 1°13 | M15 |
| T 16 | 21 36 30 | 22°56'38 | 7♌18 | 8°45 | 12° 0 | 11°24 | 19°23 | 4°48 | 10° 8 | 24°18 | 22°26 | 19°42 | 20°48 | 19°51 | 1°11 | T 16 |
| W17 | 21 40 27 | 23°54'17 | 20°38 | 10°35 | 13°14 | 12° 2 | 19°27 | 4°52 | 10°11 | 24°19 | 22°26 | 19°39 | 20°45 | 19°58 | 1° 9 | W17 |
| T 18 | 21 44 23 | 24°51'57 | 4♍14 | 12°28 | 14°28 | 12°41 | 19°32 | 4°55 | 10°14 | 24°20 | 22°26 | 19°37 | 20°42 | 20° 4 | 1° 7 | T 18 |
| F 19 | 21 48 20 | 25°49'39 | 18° 4 | 14°24 | 15°42 | 13°19 | 19°36 | 4°58 | 10°16 | 24°22 | 22°26 | 19°D36 | 20°38 | 20°11 | 1° 5 | F 19 |
| S 20 | 21 52 17 | 26°47'21 | 2♎ 5 | 16°21 | 16°56 | 13°58 | 19°40 | 5° 1 | 10°19 | 24°23 | 22°26 | 19°37 | 20°35 | 20°18 | 1° 3 | S 20 |
| S 21 | 21 56 13 | 27°45'05 | 16°13 | 18°19 | 18°10 | 14°36 | 19°44 | 5° 4 | 10°22 | 24°24 | 22°26 | 19°38 | 20°32 | 20°25 | 1° 0 | S 21 |
| M22 | 22 0 10 | 28°42'49 | 0♏26 | 20°18 | 19°24 | 15°14 | 19°47 | 5° 7 | 10°24 | 24°26 | 22°26 | 19°39 | 20°29 | 20°31 | 0°58 | M22 |
| T 23 | 22 4 6 | 29°40'35 | 14°41 | 22°19 | 20°38 | 15°51 | 19°51 | 5°10 | 10°27 | 24°27 | 22°R26 | 19°40 | 20°26 | 20°38 | 0°56 | T 23 |
| W24 | 22 8 3 | 0♍38'22 | 28°55 | 24°19 | 21°52 | 16°29 | 19°54 | 5°13 | 10°30 | 24°29 | 22°26 | 19°R41 | 20°23 | 20°45 | 0°54 | W24 |
| T 25 | 22 11 59 | 1°36'10 | 13♐ 6 | 26°20 | 23° 6 | 17° 6 | 19°57 | 5°15 | 10°32 | 24°30 | 22°26 | 19°40 | 20°19 | 20°51 | 0°51 | T 25 |
| F 26 | 22 15 56 | 2°33'59 | 27°12 | 28°20 | 24°20 | 17°44 | 20° 0 | 5°18 | 10°35 | 24°32 | 22°26 | 19°39 | 20°16 | 20°58 | 0°49 | F 26 |
| S 27 | 22 19 52 | 3°31'50 | 11♑10 | 0♍20 | 25°34 | 18°21 | 20° 3 | 5°20 | 10°37 | 24°33 | 22°26 | 19°38 | 20°13 | 21° 5 | 0°47 | S 27 |
| S 28 | 22 23 49 | 4°29'42 | 24°58 | 2°20 | 26°48 | 18°58 | 20° 5 | 5°22 | 10°40 | 24°35 | 22°26 | 19°36 | 20°10 | 21°12 | 0°44 | S 28 |
| M29 | 22 27 46 | 5°27'34 | 8♒35 | 4°19 | 28° 2 | 19°35 | 20° 8 | 5°24 | 10°42 | 24°36 | 22°26 | 19°34 | 20° 7 | 21°18 | 0°42 | M29 |
| T 30 | 22 31 42 | 6°25'29 | 21°57 | 6°17 | 29°17 | 20°12 | 20°10 | 5°27 | 10°45 | 24°38 | 22°25 | 19°32 | 20° 4 | 21°25 | 0°39 | T 30 |
| W31 | 22 35 39 | 7♍23'24 | 5♓ 5 | 8♍14 | 0♍31 | 20♊48 | 20♉12 | 5♊29 | 10♋47 | 24♎40 | 22♉25 | 19♓31 | 20♓ 0 | 21♉32 | 0♈37 | W31 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| M 1 | 18n 7 | 24s13 | 4s 0 | 19n13 | 2s45 | 21n44 | 0n22 | 19n33 | 0s55 | 16n 2 | 1s10 | 18n57 | 1s59 | 23n23 | 0n18 | 7s46 | 1n40 | 3n50 | 14s59 | 3s54 | 3s20 | 21n22 | 4n 5 | 3n46 |
| T 2 | 17 51 | 19 52 | 3 7 | 19 23 | 2 29 | 21 33 | 0 25 | 19 42 | 0 54 | 16 4 | 1 10 | 18 57 | 1 59 | 23 23 | 0 18 | 7 46 | 1 40 | 3 50 | 14 59 | 3 56 | 3 21 | 21 24 | 4 5 | 3 46 |
| W 3 | 17 36 | 14 37 | 2 4 | 19 32 | 2 14 | 21 22 | 0 27 | 19 51 | 0 53 | 16 6 | 1 10 | 18 58 | 2 0 | 23 23 | 0 18 | 7 47 | 1 40 | 3 50 | 14 59 | 3 57 | 3 22 | 21 26 | 4 4 | 3 46 |
| T 4 | 17 20 | 8 49 | 0 56 | 19 40 | 1 58 | 21 11 | 0 29 | 19 59 | 0 52 | 16 7 | 1 10 | 18 59 | 2 0 | 23 23 | 0 18 | 7 47 | 1 40 | 3 50 | 15 0 | 3 58 | 3 24 | 21 29 | 4 4 | 3 46 |
| F 5 | 17 4 | 2 48 | 0n13 | 19 47 | 1 42 | 20 58 | 0 31 | 20 7 | 0 52 | 16 9 | 1 11 | 18 59 | 2 0 | 23 22 | 0 18 | 7 47 | 1 40 | 3 49 | 15 0 | 3 58 | 3 25 | 21 31 | 4 3 | 3 46 |
| S 6 | 16 48 | 3n11 | 1 20 | 19 52 | 1 27 | 20 45 | 0 34 | 20 16 | 0 51 | 16 11 | 1 11 | 19 0 | 2 0 | 23 22 | 0 18 | 7 48 | 1 40 | 3 49 | 15 0 | 3 58 | 3 26 | 21 33 | 4 3 | 3 46 |
| S 7 | 16 32 | 8 55 | 2 23 | 19 56 | 1 11 | 20 31 | 0 36 | 20 23 | 0 50 | 16 12 | 1 11 | 19 1 | 2 0 | 23 22 | 0 18 | 7 48 | 1 40 | 3 49 | 15 1 | 3 57 | 3 27 | 21 36 | 4 2 | 3 46 |
| M 8 | 16 15 | 14 14 | 3 17 | 19 57 | 0 56 | 20 17 | 0 38 | 20 31 | 0 49 | 16 14 | 1 11 | 19 1 | 2 0 | 23 22 | 0 18 | 7 49 | 1 40 | 3 49 | 15 1 | 3 57 | 3 29 | 21 38 | 4 2 | 3 46 |
| T 9 | 15 58 | 18 59 | 4 3 | 19 57 | 0 41 | 20 3 | 0 40 | 20 39 | 0 48 | 16 15 | 1 11 | 19 2 | 2 0 | 23 22 | 0 18 | 7 49 | 1 40 | 3 49 | 15 1 | 3 56 | 3 30 | 21 40 | 4 1 | 3 46 |
| W10 | 15 41 | 22 58 | 4 38 | 19 55 | 0 27 | 19 47 | 0 42 | 20 46 | 0 47 | 16 17 | 1 11 | 19 2 | 2 1 | 23 21 | 0 18 | 7 50 | 1 40 | 3 48 | 15 1 | 3 56 | 3 31 | 21 43 | 4 0 | 3 46 |
| T 11 | 15 23 | 26 1 | 5 1 | 19 50 | 0 13 | 19 31 | 0 45 | 20 53 | 0 47 | 16 18 | 1 12 | 19 3 | 2 1 | 23 21 | 0 18 | 7 50 | 1 40 | 3 48 | 15 2 | 3 57 | 3 32 | 21 45 | 4 0 | 3 47 |
| F 12 | 15 5 | 27 57 | 5 12 | 19 43 | 0n 1 | 19 15 | 0 47 | 21 0 | 0 46 | 16 19 | 1 12 | 19 4 | 2 1 | 23 21 | 0 18 | 7 50 | 1 40 | 3 48 | 15 2 | 3 58 | 3 34 | 21 47 | 3 59 | 3 47 |
| S 13 | 14 47 | 28 34 | 5 8 | 19 34 | 0 13 | 18 58 | 0 49 | 21 7 | 0 45 | 16 21 | 1 12 | 19 4 | 2 1 | 23 21 | 0 18 | 7 51 | 1 39 | 3 48 | 15 2 | 3 59 | 3 35 | 21 50 | 3 59 | 3 47 |
| S 14 | 14 29 | 27 45 | 4 50 | 19 22 | 0 25 | 18 40 | 0 51 | 21 14 | 0 44 | 16 22 | 1 12 | 19 5 | 2 1 | 23 21 | 0 18 | 7 51 | 1 39 | 3 48 | 15 3 | 4 1 | 3 36 | 21 52 | 3 58 | 3 47 |
| M15 | 14 10 | 25 29 | 4 18 | 19 7 | 0 37 | 18 22 | 0 52 | 21 20 | 0 43 | 16 23 | 1 12 | 19 5 | 2 1 | 23 20 | 0 18 | 7 52 | 1 39 | 3 47 | 15 3 | 4 3 | 3 37 | 21 54 | 3 57 | 3 47 |
| T 16 | 13 52 | 21 50 | 3 31 | 18 49 | 0 47 | 18 3 | 0 54 | 21 26 | 0 42 | 16 24 | 1 12 | 19 6 | 2 2 | 23 20 | 0 18 | 7 52 | 1 39 | 3 47 | 15 3 | 4 5 | 3 39 | 21 56 | 3 56 | 3 47 |
| W17 | 13 33 | 17 1 | 2 32 | 18 29 | 0 57 | 17 44 | 0 56 | 21 33 | 0 41 | 16 25 | 1 13 | 19 6 | 2 2 | 23 20 | 0 18 | 7 53 | 1 39 | 3 47 | 15 3 | 4 6 | 3 40 | 21 59 | 3 56 | 3 47 |
| T 18 | 13 14 | 11 15 | 1 23 | 18 6 | 1 6 | 17 25 | 0 58 | 21 38 | 0 40 | 16 26 | 1 13 | 19 6 | 2 2 | 23 20 | 0 18 | 7 53 | 1 39 | 3 47 | 15 4 | 4 7 | 3 41 | 22 1 | 3 55 | 3 47 |
| F 19 | 12 54 | 4 51 | 0 8 | 17 41 | 1 14 | 17 4 | 1 0 | 21 44 | 0 39 | 16 27 | 1 13 | 19 7 | 2 2 | 23 20 | 0 18 | 7 54 | 1 39 | 3 46 | 15 4 | 4 7 | 3 42 | 22 3 | 3 54 | 3 47 |
| S 20 | 12 35 | 1s52 | 1s 8 | 17 13 | 1 21 | 16 44 | 1 1 | 21 50 | 0 38 | 16 28 | 1 13 | 19 7 | 2 2 | 23 19 | 0 18 | 7 55 | 1 39 | 3 46 | 15 4 | 4 7 | 3 44 | 22 6 | 3 53 | 3 47 |
| S 21 | 12 15 | 8 33 | 2 21 | 16 42 | 1 27 | 16 23 | 1 3 | 21 55 | 0 37 | 16 29 | 1 13 | 19 8 | 2 2 | 23 19 | 0 18 | 7 55 | 1 39 | 3 46 | 15 5 | 4 6 | 3 45 | 22 8 | 3 52 | 3 47 |
| M22 | 11 55 | 14 50 | 3 26 | 16 10 | 1 32 | 16 1 | 1 5 | 22 0 | 0 36 | 16 30 | 1 14 | 19 8 | 2 3 | 23 19 | 0 18 | 7 56 | 1 39 | 3 46 | 15 5 | 4 6 | 3 46 | 22 10 | 3 52 | 3 47 |
| T 23 | 11 35 | 20 21 | 4 19 | 15 35 | 1 36 | 15 39 | 1 6 | 22 5 | 0 35 | 16 30 | 1 14 | 19 8 | 2 3 | 23 19 | 0 18 | 7 56 | 1 39 | 3 45 | 15 5 | 4 5 | 3 47 | 22 12 | 3 51 | 3 47 |
| W24 | 11 14 | 24 42 | 4 55 | 14 59 | 1 40 | 15 17 | 1 8 | 22 10 | 0 34 | 16 31 | 1 14 | 19 9 | 2 3 | 23 19 | 0 18 | 7 57 | 1 39 | 3 45 | 15 5 | 4 5 | 3 49 | 22 15 | 3 50 | 3 47 |
| T 25 | 10 54 | 27 32 | 5 13 | 14 21 | 1 43 | 14 54 | 1 9 | 22 15 | 0 33 | 16 32 | 1 14 | 19 9 | 2 3 | 23 18 | 0 18 | 7 57 | 1 39 | 3 45 | 15 6 | 4 5 | 3 50 | 22 17 | 3 49 | 3 47 |
| F 26 | 10 33 | 28 36 | 5 13 | 13 41 | 1 45 | 14 31 | 1 10 | 22 19 | 0 32 | 16 32 | 1 14 | 19 9 | 2 3 | 23 18 | 0 18 | 7 58 | 1 39 | 3 44 | 15 6 | 4 6 | 3 51 | 22 19 | 3 48 | 3 47 |
| S 27 | 10 12 | 27 50 | 4 53 | 13 0 | 1 46 | 14 7 | 1 12 | 22 24 | 0 31 | 16 33 | 1 14 | 19 9 | 2 3 | 23 18 | 0 18 | 7 59 | 1 39 | 3 44 | 15 6 | 4 6 | 3 52 | 22 21 | 3 47 | 3 47 |
| S 28 | 9 51 | 25 21 | 4 17 | 12 17 | 1 46 | 13 43 | 1 13 | 22 28 | 0 30 | 16 33 | 1 15 | 19 10 | 2 4 | 23 18 | 0 18 | 7 59 | 1 39 | 3 44 | 15 6 | 4 7 | 3 54 | 22 23 | 3 46 | 3 48 |
| M29 | 9 30 | 21 26 | 3 27 | 11 34 | 1 46 | 13 18 | 1 14 | 22 32 | 0 29 | 16 34 | 1 15 | 19 10 | 2 4 | 23 18 | 0 18 | 8 0 | 1 39 | 3 44 | 15 7 | 4 8 | 3 55 | 22 26 | 3 45 | 3 48 |
| T 30 | 9 9 | 16 30 | 2 27 | 10 49 | 1 45 | 12 54 | 1 15 | 22 36 | 0 28 | 16 34 | 1 15 | 19 10 | 2 4 | 23 18 | 0 18 | 8 0 | 1 39 | 3 43 | 15 7 | 4 8 | 3 56 | 22 28 | 3 44 | 3 48 |
| W31 | 8n48 | 10s52 | 1s19 | 10n 4 | 1n43 | 12n28 | 1n16 | 22n39 | 0s27 | 16n35 | 1s15 | 19n10 | 2s 4 | 23n17 | 0n18 | 8s 1 | 1n39 | 3n43 | 15s 7 | 4s 9 | 3s57 | 22n30 | 3n44 | 3n48 |

Julian Day Number = 2494855.5, Delta T = 102.49 sec
Ecliptic obliquity = 23°25'35, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°23'50, Lahiri = 25°30'50

# ASTRODIENST EPHEMERIS for the year 2118
# geocentric

## SEPTEMBER 2118 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 22 39 35 | 8♍21'21 | 17♓56 | 10♍10 | 1♍45 | 21♊25 | 20♉14 | 5♊30 | 10♋49 | 24♎41 | 22°R25 | 19°D31 | 19♓57 | 21♉38 | 0°R34 | T 1 |
| F 2 | 22 43 32 | 9°19'20 | 0♈33 | 12° 5 | 3° 0 | 22° 1 | 20°15 | 5°32 | 10°52 | 24°43 | 22♉25 | 19♓31 | 19°54 | 21°45 | 0♈32 | F 2 |
| S 3 | 22 47 28 | 10°17'20 | 12°55 | 13°59 | 4°14 | 22°37 | 20°16 | 5°34 | 10°54 | 24°45 | 22°25 | 19°32 | 19°51 | 21°52 | 0°29 | S 3 |
| S 4 | 22 51 25 | 11°15'23 | 25° 4 | 15°52 | 5°28 | 23°13 | 20°18 | 5°35 | 10°56 | 24°46 | 22°24 | 19°32 | 19°48 | 21°58 | 0°27 | S 4 |
| M 5 | 22 55 21 | 12°13'27 | 7♉ 4 | 17°43 | 6°43 | 23°48 | 20°19 | 5°37 | 10°58 | 24°48 | 22°24 | 19°33 | 19°44 | 22° 5 | 0°24 | M 5 |
| T 6 | 22 59 18 | 13°11'33 | 18°58 | 19°34 | 7°57 | 24°24 | 20°19 | 5°38 | 11° 0 | 24°50 | 22°24 | 19°34 | 19°41 | 22°12 | 0°22 | T 6 |
| W 7 | 23 3 15 | 14° 9'41 | 0♊50 | 21°23 | 9°11 | 24°59 | 20°20 | 5°39 | 11° 2 | 24°52 | 22°24 | 19°34 | 19°38 | 22°19 | 0°19 | W 7 |
| T 8 | 23 7 11 | 15° 7'51 | 12°44 | 23°11 | 10°26 | 25°34 | 20°20 | 5°41 | 11° 4 | 24°53 | 22°23 | 19°R34 | 19°35 | 22°25 | 0°16 | T 8 |
| F 9 | 23 11 8 | 16° 6'03 | 24°45 | 24°57 | 11°40 | 26° 9 | 20°R21 | 5°42 | 11° 6 | 24°55 | 22°23 | 19°34 | 19°32 | 22°32 | 0°14 | F 9 |
| S 10 | 23 15 4 | 17° 4'17 | 6♋58 | 26°43 | 12°55 | 26°44 | 20°21 | 5°43 | 11° 8 | 24°57 | 22°23 | 19°34 | 19°29 | 22°39 | 0°11 | S 10 |
| S 11 | 23 19 1 | 18° 2'33 | 19°27 | 28°27 | 14° 9 | 27°19 | 20°20 | 5°43 | 11°10 | 24°59 | 22°22 | 19°34 | 19°25 | 22°45 | 0° 8 | S 11 |
| M12 | 23 22 57 | 19° 0'51 | 2♌15 | 0♎10 | 15°24 | 27°53 | 20°20 | 5°44 | 11°12 | 25° 1 | 22°22 | 19°34 | 19°22 | 22°52 | 0° 6 | M12 |
| T 13 | 23 26 54 | 19°59'11 | 15°25 | 1°52 | 16°38 | 28°28 | 20°19 | 5°45 | 11°14 | 25° 3 | 22°21 | 19°D34 | 19°19 | 22°59 | 0° 3 | T 13 |
| W14 | 23 30 50 | 20°57'33 | 28°58 | 3°33 | 17°53 | 29° 2 | 20°18 | 5°45 | 11°16 | 25° 5 | 22°21 | 19°34 | 19°16 | 23° 6 | 0° 0 | W14 |
| T 15 | 23 34 47 | 21°55'56 | 12♍52 | 5°13 | 19° 7 | 29°35 | 20°17 | 5°45 | 11°17 | 25° 7 | 22°20 | 19°R34 | 19°13 | 23°12 | 29♓58 | T 15 |
| F 16 | 23 38 44 | 22°54'22 | 27° 5 | 6°52 | 20°22 | 0♋ 9 | 20°16 | 5°46 | 11°19 | 25° 9 | 22°20 | 19°34 | 19°10 | 23°19 | 29°55 | F 16 |
| S 17 | 23 42 40 | 23°52'49 | 11♎32 | 8°30 | 21°37 | 0°42 | 20°15 | 5°46 | 11°21 | 25°10 | 22°19 | 19°34 | 19° 6 | 23°26 | 29°52 | S 17 |
| S 18 | 23 46 37 | 24°51'19 | 26° 8 | 10° 6 | 22°51 | 1°15 | 20°13 | 5°R46 | 11°22 | 25°12 | 22°19 | 19°33 | 19° 3 | 23°32 | 29°49 | S 18 |
| M19 | 23 50 33 | 25°49'50 | 10♏47 | 11°42 | 24° 6 | 1°48 | 20°11 | 5°46 | 11°24 | 25°14 | 22°18 | 19°33 | 19° 0 | 23°39 | 29°47 | M19 |
| T 20 | 23 54 30 | 26°48'22 | 25°22 | 13°16 | 25°21 | 2°21 | 20° 9 | 5°46 | 11°25 | 25°16 | 22°18 | 19°32 | 18°57 | 23°46 | 29°44 | T 20 |
| W21 | 23 58 26 | 27°46'57 | 9♐48 | 14°49 | 26°35 | 2°53 | 20° 7 | 5°45 | 11°27 | 25°18 | 22°17 | 19°31 | 18°54 | 23°52 | 29°41 | W21 |
| T 22 | 0 2 23 | 28°45'33 | 24° 2 | 16°22 | 27°50 | 3°26 | 20° 5 | 5°45 | 11°28 | 25°21 | 22°17 | 19°D31 | 18°50 | 23°59 | 29°38 | T 22 |
| F 23 | 0 6 19 | 29°44'11 | 8♑ 1 | 17°53 | 29° 5 | 3°58 | 20° 2 | 5°45 | 11°29 | 25°23 | 22°16 | 19°31 | 18°47 | 24° 6 | 29°36 | F 23 |
| S 24 | 0 10 16 | 0♎42'50 | 21°44 | 19°24 | 0♎20 | 4°29 | 19°59 | 5°44 | 11°31 | 25°25 | 22°15 | 19°32 | 18°44 | 24°13 | 29°33 | S 24 |
| S 25 | 0 14 13 | 1°41'31 | 5♒12 | 20°53 | 1°34 | 5° 1 | 19°56 | 5°43 | 11°32 | 25°27 | 22°15 | 19°33 | 18°41 | 24°19 | 29°30 | S 25 |
| M26 | 0 18 9 | 2°40'14 | 18°25 | 22°21 | 2°49 | 5°32 | 19°53 | 5°42 | 11°33 | 25°29 | 22°14 | 19°34 | 18°38 | 24°26 | 29°27 | M26 |
| T 27 | 0 22 6 | 3°38'58 | 1♓23 | 23°48 | 4° 4 | 6° 3 | 19°49 | 5°41 | 11°34 | 25°31 | 22°13 | 19°35 | 18°35 | 24°33 | 29°24 | T 27 |
| W28 | 0 26 2 | 4°37'44 | 14° 8 | 25°15 | 5°19 | 6°34 | 19°46 | 5°40 | 11°35 | 25°33 | 22°13 | 19°R35 | 18°31 | 24°39 | 29°22 | W28 |
| T 29 | 0 29 59 | 5°36'32 | 26°41 | 26°40 | 6°33 | 7° 4 | 19°42 | 5°39 | 11°36 | 25°35 | 22°12 | 19°35 | 18°28 | 24°46 | 29°19 | T 29 |
| F 30 | 0 33 55 | 6♎35'22 | 9♈ 3 | 28♎ 4 | 7♎48 | 7♋34 | 19♉38 | 5♊38 | 11♋37 | 25♎37 | 22♉11 | 19♓34 | 18♓25 | 24♉53 | 29♓16 | 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 | 8n26 | 4s54 | 0s 9 | 9n19 | 1n41 | 12n 3 | 1n17 | 22n43 | 0s26 | 16n35 | 1s15 | 19n10 | 2s 4 | 23n17 | 0n18 | 8s 2 | 1n39 | 3n43 | 15s 8 | 4s 9 | 3s59 | 22n32 | 3n43 | 3n48 |
| F 2 | 8 4 | 1n 9 | 1n 1 | 8 32 | 1 38 | 11 37 | 1 18 | 22 46 | 0 25 | 16 35 | 1 16 | 19 11 | 2 4 | 23 17 | 0 18 | 8 2 | 1 39 | 3 42 | 15 8 | 4 9 | 4 0 | 22 34 | 3 42 | 3 48 |
| S 3 | 7 42 | 7 2 | 2 6 | 7 46 | 1 35 | 11 11 | 1 19 | 22 49 | 0 24 | 16 35 | 1 16 | 19 11 | 2 5 | 23 17 | 0 18 | 8 3 | 1 39 | 3 42 | 15 8 | 4 9 | 4 1 | 22 37 | 3 41 | 3 48 |
| S 4 | 7 20 | 12 33 | 3 4 | 6 59 | 1 31 | 10 44 | 1 20 | 22 53 | 0 23 | 16 35 | 1 16 | 19 11 | 2 5 | 23 17 | 0 18 | 8 4 | 1 39 | 3 42 | 15 8 | 4 8 | 4 2 | 22 39 | 3 40 | 3 48 |
| M 5 | 6 58 | 17 33 | 3 54 | 6 12 | 1 27 | 10 18 | 1 21 | 22 55 | 0 22 | 16 36 | 1 16 | 19 11 | 2 5 | 23 17 | 0 18 | 8 4 | 1 39 | 3 41 | 15 9 | 4 8 | 4 4 | 22 41 | 3 39 | 3 48 |
| T 6 | 6 36 | 21 49 | 4 33 | 5 24 | 1 23 | 9 51 | 1 21 | 22 58 | 0 20 | 16 36 | 1 16 | 19 11 | 2 5 | 23 16 | 0 18 | 8 5 | 1 39 | 3 41 | 15 9 | 4 8 | 4 5 | 22 43 | 3 37 | 3 48 |
| W 7 | 6 14 | 25 12 | 5 0 | 4 37 | 1 18 | 9 23 | 1 22 | 23 1 | 0 19 | 16 36 | 1 16 | 19 11 | 2 5 | 23 16 | 0 18 | 8 6 | 1 38 | 3 41 | 15 9 | 4 8 | 4 6 | 22 45 | 3 36 | 3 48 |
| T 8 | 5 51 | 27 31 | 5 15 | 3 49 | 1 13 | 8 56 | 1 23 | 23 3 | 0 18 | 16 36 | 1 17 | 19 11 | 2 5 | 23 16 | 0 18 | 8 6 | 1 38 | 3 40 | 15 10 | 4 8 | 4 7 | 22 47 | 3 35 | 3 48 |
| F 9 | 5 29 | 28 35 | 5 16 | 3 2 | 1 8 | 8 28 | 1 23 | 23 5 | 0 17 | 16 35 | 1 17 | 19 11 | 2 6 | 23 16 | 0 18 | 8 7 | 1 38 | 3 40 | 15 10 | 4 8 | 4 9 | 22 50 | 3 34 | 3 48 |
| S 10 | 5 6 | 28 17 | 5 3 | 2 15 | 1 2 | 8 0 | 1 24 | 23 8 | 0 16 | 16 35 | 1 17 | 19 11 | 2 6 | 23 16 | 0 18 | 8 8 | 1 38 | 3 40 | 15 10 | 4 8 | 4 10 | 22 52 | 3 33 | 3 48 |
| S 11 | 4 44 | 26 33 | 4 35 | 1 28 | 0 56 | 7 32 | 1 24 | 23 10 | 0 14 | 16 35 | 1 17 | 19 11 | 2 6 | 23 16 | 0 18 | 8 8 | 1 38 | 3 39 | 15 10 | 4 8 | 4 11 | 22 54 | 3 32 | 3 48 |
| M12 | 4 21 | 23 26 | 3 53 | 0 41 | 0 50 | 7 3 | 1 24 | 23 11 | 0 13 | 16 35 | 1 17 | 19 11 | 2 6 | 23 16 | 0 18 | 8 9 | 1 38 | 3 39 | 15 11 | 4 8 | 4 12 | 22 56 | 3 31 | 3 48 |
| T 13 | 3 58 | 19 2 | 2 58 | 0s 5 | 0 43 | 6 34 | 1 25 | 23 13 | 0 12 | 16 34 | 1 17 | 19 11 | 2 6 | 23 15 | 0 18 | 8 10 | 1 38 | 3 39 | 15 11 | 4 8 | 4 14 | 22 58 | 3 30 | 3 48 |
| W14 | 3 35 | 13 35 | 1 52 | 0 51 | 0 37 | 6 5 | 1 25 | 23 15 | 0 11 | 16 34 | 1 18 | 19 11 | 2 6 | 23 15 | 0 18 | 8 11 | 1 38 | 3 38 | 15 11 | 4 8 | 4 15 | 23 0 | 3 29 | 3 48 |
| T 15 | 3 12 | 7 18 | 0 37 | 1 37 | 0 30 | 5 36 | 1 25 | 23 16 | 0 9 | 16 34 | 1 18 | 19 11 | 2 7 | 23 15 | 0 18 | 8 11 | 1 38 | 3 38 | 15 11 | 4 8 | 4 16 | 23 2 | 3 28 | 3 47 |
| F 16 | 2 49 | 0 32 | 0s42 | 2 22 | 0 23 | 5 7 | 1 25 | 23 17 | 0 8 | 16 33 | 1 18 | 19 11 | 2 7 | 23 15 | 0 18 | 8 12 | 1 38 | 3 38 | 15 12 | 4 8 | 4 17 | 23 4 | 3 27 | 3 47 |
| S 17 | 2 26 | 6s23 | 1 59 | 3 7 | 0 16 | 4 38 | 1 25 | 23 19 | 0 7 | 16 33 | 1 18 | 19 10 | 2 7 | 23 15 | 0 18 | 8 13 | 1 38 | 3 37 | 15 12 | 4 8 | 4 19 | 23 6 | 3 25 | 3 47 |
| S 18 | 2 3 | 13 1 | 3 9 | 3 52 | 0 9 | 4 8 | 1 25 | 23 20 | 0 5 | 16 32 | 1 18 | 19 10 | 2 7 | 23 15 | 0 19 | 8 13 | 1 38 | 3 37 | 15 12 | 4 8 | 4 20 | 23 9 | 3 24 | 3 47 |
| M19 | 1 39 | 18 58 | 4 7 | 4 36 | 0 1 | 3 38 | 1 25 | 23 21 | 0 4 | 16 31 | 1 18 | 19 10 | 2 7 | 23 15 | 0 19 | 8 14 | 1 38 | 3 36 | 15 12 | 4 8 | 4 21 | 23 11 | 3 23 | 3 47 |
| T 20 | 1 16 | 23 46 | 4 49 | 5 20 | 0s 6 | 3 9 | 1 25 | 23 22 | 0 3 | 16 31 | 1 19 | 19 10 | 2 7 | 23 15 | 0 19 | 8 15 | 1 38 | 3 36 | 15 13 | 4 8 | 4 22 | 23 13 | 3 22 | 3 47 |
| W21 | 0 53 | 27 3 | 5 12 | 6 3 | 0 14 | 2 39 | 1 24 | 23 22 | 0 1 | 16 30 | 1 19 | 19 10 | 2 8 | 23 15 | 0 19 | 8 16 | 1 38 | 3 36 | 15 13 | 4 9 | 4 24 | 23 15 | 3 21 | 3 47 |
| T 22 | 0 30 | 28 33 | 5 16 | 6 45 | 0 21 | 2 9 | 1 24 | 23 23 | 0 0 | 16 29 | 1 19 | 19 9 | 2 8 | 23 14 | 0 19 | 8 16 | 1 38 | 3 35 | 15 13 | 4 9 | 4 25 | 23 17 | 3 20 | 3 47 |
| F 23 | 0 6 | 28 11 | 5 0 | 7 27 | 0 29 | 1 39 | 1 24 | 23 23 | 0n 1 | 16 28 | 1 19 | 19 9 | 2 8 | 23 14 | 0 19 | 8 17 | 1 38 | 3 35 | 15 13 | 4 9 | 4 26 | 23 19 | 3 19 | 3 47 |
| S 24 | 0s17 | 26 5 | 4 28 | 8 9 | 0 36 | 1 9 | 1 23 | 23 24 | 0 3 | 16 27 | 1 19 | 19 9 | 2 8 | 23 14 | 0 19 | 8 18 | 1 38 | 3 35 | 15 13 | 4 9 | 4 27 | 23 21 | 3 17 | 3 47 |
| S 25 | 0 40 | 22 32 | 3 42 | 8 49 | 0 44 | 0 38 | 1 23 | 23 24 | 0 4 | 16 26 | 1 19 | 19 9 | 2 8 | 23 14 | 0 19 | 8 19 | 1 38 | 3 34 | 15 14 | 4 8 | 4 29 | 23 23 | 3 16 | 3 47 |
| M26 | 1 4 | 17 54 | 2 44 | 9 29 | 0 51 | 0 8 | 1 22 | 23 24 | 0 6 | 16 25 | 1 19 | 19 8 | 2 8 | 23 14 | 0 19 | 8 20 | 1 38 | 3 34 | 15 14 | 4 8 | 4 30 | 23 25 | 3 15 | 3 47 |
| T 27 | 1 27 | 12 31 | 1 39 | 10 9 | 0 59 | 0s22 | 1 21 | 23 24 | 0 7 | 16 24 | 1 20 | 19 8 | 2 9 | 23 14 | 0 19 | 8 20 | 1 38 | 3 34 | 15 14 | 4 7 | 4 31 | 23 27 | 3 14 | 3 47 |
| W28 | 1 50 | 6 42 | 0 30 | 10 48 | 1 6 | 0 52 | 1 21 | 23 24 | 0 8 | 16 23 | 1 20 | 19 8 | 2 9 | 23 14 | 0 19 | 8 21 | 1 38 | 3 33 | 15 14 | 4 7 | 4 32 | 23 29 | 3 13 | 3 47 |
| T 29 | 2 14 | 0 43 | 0n39 | 11 26 | 1 14 | 1 23 | 1 20 | 23 24 | 0 10 | 16 22 | 1 20 | 19 7 | 2 9 | 23 14 | 0 19 | 8 22 | 1 38 | 3 33 | 15 15 | 4 7 | 4 33 | 23 31 | 3 12 | 3 47 |
| F 30 | 2s37 | 5n12 | 1n45 | 12s 3 | 1s21 | 1s53 | 1n19 | 23n24 | 0n11 | 16n21 | 1s20 | 19n 7 | 2s 9 | 23n14 | 0n19 | 8s23 | 1n38 | 3n32 | 15s15 | 4s 8 | 4s35 | 23n33 | 3n10 | 3n46 |

Julian Day Number = 2494886.5, Delta T = 102.54 sec
Ecliptic obliquity = 23°25'35, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°23'54, Lahiri = 25°30'54

# ASTRODIENST EPHEMERIS for the year 2118
# geocentric

## OCTOBER 2118 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| S 1 | 0 37 52 | 7♎34'14 | 21♈15 | 29♎27 | 9♎ 3 | 8♋ 4 | 19°R34 | 5°R37 | 11♋38 | 25♎39 | 22°R11 | 19°R32 | 18♓22 | 25♉ 0 | 29°R13 | S 1 |
| S 2 | 0 41 48 | 8°33'08 | 3♉19 | 0♏49 | 10°18 | 8°34 | 19♉30 | 5♊35 | 11°39 | 25°42 | 22♉10 | 19♓30 | 18°19 | 25° 6 | 29♓11 | S 2 |
| M 3 | 0 45 45 | 9°32'04 | 15°15 | 2° 9 | 11°33 | 9° 3 | 19°25 | 5°34 | 11°40 | 25°44 | 22° 9 | 19°27 | 18°15 | 25°13 | 29° 8 | M 3 |
| T 4 | 0 49 42 | 10°31'02 | 27° 8 | 3°29 | 12°47 | 9°33 | 19°20 | 5°32 | 11°41 | 25°46 | 22° 8 | 19°23 | 18°12 | 25°20 | 29° 5 | T 4 |
| W 5 | 0 53 38 | 11°30'03 | 8♊59 | 4°47 | 14° 2 | 10° 1 | 19°16 | 5°30 | 11°41 | 25°48 | 22° 7 | 19°20 | 18° 9 | 25°26 | 29° 3 | W 5 |
| T 6 | 0 57 35 | 12°29'06 | 20°52 | 6° 4 | 15°17 | 10°30 | 19°11 | 5°28 | 11°42 | 25°50 | 22° 7 | 19°18 | 18° 6 | 25°33 | 29° 0 | T 6 |
| F 7 | 1 1 31 | 13°28'11 | 2♋52 | 7°19 | 16°32 | 10°58 | 19° 5 | 5°26 | 11°43 | 25°52 | 22° 6 | 19°16 | 18° 3 | 25°40 | 28°57 | F 7 |
| S 8 | 1 5 28 | 14°27'19 | 15° 2 | 8°33 | 17°47 | 11°26 | 19° 0 | 5°24 | 11°43 | 25°55 | 22° 5 | 19°D15 | 18° 0 | 25°47 | 28°55 | S 8 |
| S 9 | 1 9 24 | 15°26'28 | 27°27 | 9°46 | 19° 2 | 11°53 | 18°55 | 5°22 | 11°44 | 25°57 | 22° 4 | 19°16 | 17°56 | 25°53 | 28°52 | S 9 |
| M10 | 1 13 21 | 16°25'41 | 10♌11 | 10°56 | 20°17 | 12°21 | 18°49 | 5°20 | 11°44 | 25°59 | 22° 3 | 19°17 | 17°53 | 26° 0 | 28°49 | M10 |
| T 11 | 1 17 17 | 17°24'55 | 23°19 | 12° 5 | 21°32 | 12°48 | 18°43 | 5°18 | 11°45 | 26° 1 | 22° 2 | 19°19 | 17°50 | 26° 7 | 28°47 | T 11 |
| W12 | 1 21 14 | 18°24'11 | 6♍53 | 13°12 | 22°47 | 13°14 | 18°37 | 5°15 | 11°45 | 26° 3 | 22° 1 | 19°20 | 17°47 | 26°13 | 28°44 | W12 |
| T 13 | 1 25 11 | 19°23'30 | 20°54 | 14°17 | 24° 2 | 13°40 | 18°31 | 5°13 | 11°45 | 26° 6 | 22° 1 | 19°R21 | 17°44 | 26°20 | 28°42 | T 13 |
| F 14 | 1 29 7 | 20°22'51 | 5♎20 | 15°19 | 25°16 | 14° 6 | 18°25 | 5°10 | 11°45 | 26° 8 | 22° 0 | 19°20 | 17°41 | 26°27 | 28°39 | F 14 |
| S 15 | 1 33 4 | 21°22'14 | 20° 6 | 16°19 | 26°31 | 14°32 | 18°18 | 5° 7 | 11°46 | 26°10 | 21°59 | 19°17 | 17°37 | 26°34 | 28°37 | S 15 |
| S 16 | 1 37 0 | 22°21'40 | 5♏ 6 | 17°16 | 27°46 | 14°57 | 18°12 | 5° 4 | 11°46 | 26°12 | 21°58 | 19°13 | 17°34 | 26°40 | 28°34 | S 16 |
| M17 | 1 40 57 | 23°21'07 | 20°11 | 18°11 | 29° 1 | 15°21 | 18° 5 | 5° 1 | 11°46 | 26°15 | 21°57 | 19° 9 | 17°31 | 26°47 | 28°32 | M17 |
| T 18 | 1 44 53 | 24°20'36 | 5♐10 | 19° 2 | 0♏16 | 15°46 | 17°58 | 4°58 | 11°R46 | 26°17 | 21°56 | 19° 3 | 17°28 | 26°54 | 28°29 | T 18 |
| W19 | 1 48 50 | 25°20'07 | 19°57 | 19°49 | 1°31 | 16° 9 | 17°51 | 4°55 | 11°46 | 26°19 | 21°55 | 18°59 | 17°25 | 27° 0 | 28°27 | W19 |
| T 20 | 1 52 46 | 26°19'40 | 4♑23 | 20°32 | 2°46 | 16°33 | 17°44 | 4°52 | 11°46 | 26°21 | 21°54 | 18°55 | 17°21 | 27° 7 | 28°25 | T 20 |
| F 21 | 1 56 43 | 27°19'14 | 18°27 | 21°11 | 4° 1 | 16°56 | 17°37 | 4°49 | 11°46 | 26°24 | 21°53 | 18°53 | 17°18 | 27°14 | 28°22 | F 21 |
| S 22 | 2 0 40 | 28°18'51 | 2♒ 7 | 21°45 | 5°16 | 17°19 | 17°30 | 4°45 | 11°46 | 26°26 | 21°52 | 18°D53 | 17°15 | 27°21 | 28°20 | S 22 |
| S 23 | 2 4 36 | 29°18'28 | 15°25 | 22°14 | 6°31 | 17°41 | 17°23 | 4°42 | 11°45 | 26°28 | 21°51 | 18°54 | 17°12 | 27°27 | 28°18 | S 23 |
| M24 | 2 8 33 | 0♏18'08 | 28°23 | 22°37 | 7°46 | 18° 3 | 17°15 | 4°38 | 11°45 | 26°30 | 21°50 | 18°56 | 17° 9 | 27°34 | 28°15 | M24 |
| T 25 | 2 12 29 | 1°17'49 | 11♓ 4 | 22°53 | 9° 1 | 18°24 | 17° 8 | 4°35 | 11°45 | 26°33 | 21°49 | 18°57 | 17° 6 | 27°41 | 28°13 | T 25 |
| W26 | 2 16 26 | 2°17'32 | 23°32 | 23° 2 | 10°16 | 18°45 | 17° 0 | 4°31 | 11°44 | 26°35 | 21°48 | 18°R57 | 17° 2 | 27°47 | 28°11 | W26 |
| T 27 | 2 20 22 | 3°17'17 | 5♈49 | 23°R 4 | 11°31 | 19° 6 | 16°52 | 4°27 | 11°44 | 26°37 | 21°47 | 18°55 | 16°59 | 27°54 | 28° 9 | T 27 |
| F 28 | 2 24 19 | 4°17'03 | 17°57 | 22°58 | 12°46 | 19°25 | 16°44 | 4°23 | 11°43 | 26°39 | 21°46 | 18°52 | 16°56 | 28° 1 | 28° 7 | F 28 |
| S 29 | 2 28 15 | 5°16'52 | 29°59 | 22°43 | 14° 1 | 19°45 | 16°37 | 4°20 | 11°43 | 26°41 | 21°44 | 18°46 | 16°53 | 28° 8 | 28° 5 | S 29 |
| S 30 | 2 32 12 | 6°16'42 | 11♉56 | 22°19 | 15°16 | 20° 4 | 16°29 | 4°16 | 11°42 | 26°44 | 21°43 | 18°38 | 16°50 | 28°14 | 28° 3 | S 30 |
| M31 | 2 36 8 | 7♏16'35 | 23♉50 | 21♏46 | 16♏31 | 20♋22 | 16♉21 | 4♊12 | 11♋41 | 26♎46 | 21♉42 | 18♓28 | 16♓47 | 28♉21 | 28♓ 1 | 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 | 3 s 0 | 10n51 | 2n46 | 12 s39 | 1 s29 | 2 s23 | 1n18 | 23n24 | 0n13 | 16n20 | 1 s20 | 19n 7 | 2 s 9 | 23n14 | 0n19 | 8 s23 | 1n38 | 3n32 | 15 s15 | 4 s 8 | 4 s36 | 23n35 | 3n 9 | 3n46 |
| S 2 | 3 23 | 16 2 | 3 38 | 13 15 | 1 36 | 2 53 | 1 17 | 23 23 | 0 15 | 16 18 | 1 20 | 19 6 | 2 9 | 23 14 | 0 19 | 8 24 | 1 38 | 3 32 | 15 15 | 4 9 | 4 37 | 23 37 | 3 8 | 3 46 |
| M 3 | 3 47 | 20 33 | 4 20 | 13 50 | 1 43 | 3 23 | 1 16 | 23 23 | 0 16 | 16 17 | 1 20 | 19 6 | 2 9 | 23 14 | 0 19 | 8 25 | 1 38 | 3 31 | 15 15 | 4 11 | 4 38 | 23 39 | 3 7 | 3 46 |
| T 4 | 4 10 | 24 13 | 4 51 | 14 24 | 1 50 | 3 54 | 1 15 | 23 23 | 0 18 | 16 16 | 1 20 | 19 5 | 2 10 | 23 14 | 0 19 | 8 26 | 1 38 | 3 31 | 15 16 | 4 12 | 4 40 | 23 41 | 3 6 | 3 46 |
| W 5 | 4 33 | 26 52 | 5 9 | 14 57 | 1 57 | 4 24 | 1 14 | 23 22 | 0 19 | 16 14 | 1 21 | 19 5 | 2 10 | 23 14 | 0 19 | 8 27 | 1 38 | 3 31 | 15 16 | 4 13 | 4 41 | 23 43 | 3 4 | 3 46 |
| T 6 | 4 56 | 28 20 | 5 14 | 15 29 | 2 4 | 4 54 | 1 13 | 23 21 | 0 21 | 16 13 | 1 21 | 19 4 | 2 10 | 23 14 | 0 19 | 8 27 | 1 38 | 3 30 | 15 16 | 4 14 | 4 42 | 23 45 | 3 3 | 3 46 |
| F 7 | 5 19 | 28 29 | 5 5 | 16 0 | 2 11 | 5 24 | 1 12 | 23 21 | 0 22 | 16 11 | 1 21 | 19 4 | 2 10 | 23 14 | 0 19 | 8 28 | 1 38 | 3 30 | 15 16 | 4 15 | 4 43 | 23 47 | 3 2 | 3 46 |
| S 8 | 5 42 | 27 16 | 4 43 | 16 31 | 2 17 | 5 53 | 1 10 | 23 20 | 0 24 | 16 10 | 1 21 | 19 3 | 2 10 | 23 14 | 0 19 | 8 29 | 1 38 | 3 29 | 15 16 | 4 15 | 4 45 | 23 49 | 3 1 | 3 46 |
| S 9 | 6 5 | 24 42 | 4 7 | 17 0 | 2 23 | 6 23 | 1 9 | 23 19 | 0 26 | 16 8 | 1 21 | 19 3 | 2 10 | 23 14 | 0 19 | 8 30 | 1 38 | 3 29 | 15 16 | 4 15 | 4 46 | 23 51 | 3 0 | 3 45 |
| M10 | 6 27 | 20 52 | 3 18 | 17 28 | 2 29 | 6 52 | 1 8 | 23 19 | 0 27 | 16 7 | 1 21 | 19 2 | 2 10 | 23 14 | 0 19 | 8 31 | 1 38 | 3 29 | 15 17 | 4 14 | 4 47 | 23 53 | 2 59 | 3 45 |
| T 11 | 6 50 | 15 54 | 2 18 | 17 55 | 2 35 | 7 22 | 1 6 | 23 18 | 0 29 | 16 5 | 1 21 | 19 2 | 2 11 | 23 14 | 0 19 | 8 31 | 1 38 | 3 28 | 15 17 | 4 14 | 4 48 | 23 55 | 2 58 | 3 45 |
| W12 | 7 13 | 10 2 | 1 8 | 18 21 | 2 41 | 7 51 | 1 5 | 23 17 | 0 31 | 16 3 | 1 21 | 19 1 | 2 11 | 23 14 | 0 19 | 8 32 | 1 38 | 3 28 | 15 17 | 4 13 | 4 50 | 23 57 | 2 56 | 3 45 |
| T 13 | 7 35 | 3 29 | 0 s 8 | 18 45 | 2 46 | 8 20 | 1 3 | 23 16 | 0 33 | 16 2 | 1 21 | 19 1 | 2 11 | 23 14 | 0 19 | 8 33 | 1 38 | 3 28 | 15 17 | 4 13 | 4 51 | 23 59 | 2 55 | 3 45 |
| F 14 | 7 58 | 3 s26 | 1 26 | 19 8 | 2 51 | 8 49 | 1 2 | 23 15 | 0 34 | 16 0 | 1 21 | 19 0 | 2 11 | 23 14 | 0 19 | 8 34 | 1 38 | 3 27 | 15 17 | 4 13 | 4 52 | 24 1 | 2 54 | 3 45 |
| S 15 | 8 20 | 10 19 | 2 40 | 19 30 | 2 55 | 9 18 | 1 0 | 23 14 | 0 36 | 15 58 | 1 21 | 18 59 | 2 11 | 23 14 | 0 19 | 8 35 | 1 38 | 3 27 | 15 17 | 4 14 | 4 53 | 24 3 | 2 53 | 3 45 |
| S 16 | 8 42 | 16 44 | 3 44 | 19 50 | 2 59 | 9 46 | 0 58 | 23 13 | 0 38 | 15 56 | 1 21 | 18 59 | 2 11 | 23 14 | 0 19 | 8 35 | 1 38 | 3 27 | 15 17 | 4 16 | 4 55 | 24 4 | 2 52 | 3 44 |
| M17 | 9 4 | 22 9 | 4 32 | 20 9 | 3 2 | 10 14 | 0 56 | 23 12 | 0 40 | 15 54 | 1 21 | 18 58 | 2 11 | 23 14 | 0 19 | 8 36 | 1 38 | 3 26 | 15 18 | 4 18 | 4 56 | 24 6 | 2 51 | 3 44 |
| T 18 | 9 26 | 26 6 | 5 2 | 20 26 | 3 5 | 10 43 | 0 55 | 23 11 | 0 42 | 15 52 | 1 22 | 18 58 | 2 11 | 23 14 | 0 19 | 8 37 | 1 38 | 3 26 | 15 18 | 4 20 | 4 57 | 24 8 | 2 50 | 3 44 |
| W19 | 9 48 | 28 13 | 5 11 | 20 42 | 3 8 | 11 10 | 0 53 | 23 10 | 0 44 | 15 50 | 1 22 | 18 57 | 2 12 | 23 14 | 0 19 | 8 38 | 1 38 | 3 26 | 15 18 | 4 22 | 4 58 | 24 10 | 2 48 | 3 44 |
| T 20 | 10 9 | 28 21 | 5 0 | 20 55 | 3 10 | 11 38 | 0 51 | 23 9 | 0 45 | 15 48 | 1 22 | 18 56 | 2 12 | 23 14 | 0 19 | 8 39 | 1 38 | 3 25 | 15 18 | 4 23 | 5 0 | 24 12 | 2 47 | 3 44 |
| F 21 | 10 31 | 26 37 | 4 31 | 21 7 | 3 11 | 12 5 | 0 49 | 23 8 | 0 47 | 15 46 | 1 22 | 18 56 | 2 12 | 23 14 | 0 19 | 8 39 | 1 38 | 3 25 | 15 18 | 4 24 | 5 1 | 24 14 | 2 46 | 3 44 |
| S 22 | 10 52 | 23 21 | 3 47 | 21 16 | 3 11 | 12 32 | 0 47 | 23 7 | 0 49 | 15 44 | 1 22 | 18 55 | 2 12 | 23 14 | 0 19 | 8 40 | 1 38 | 3 25 | 15 18 | 4 24 | 5 2 | 24 16 | 2 45 | 3 43 |
| S 23 | 11 13 | 18 56 | 2 52 | 21 23 | 3 10 | 12 59 | 0 45 | 23 6 | 0 51 | 15 42 | 1 22 | 18 54 | 2 12 | 23 14 | 0 19 | 8 41 | 1 38 | 3 24 | 15 18 | 4 23 | 5 3 | 24 18 | 2 44 | 3 43 |
| M24 | 11 34 | 13 44 | 1 49 | 21 27 | 3 9 | 13 25 | 0 43 | 23 5 | 0 53 | 15 40 | 1 22 | 18 53 | 2 12 | 23 14 | 0 19 | 8 42 | 1 38 | 3 24 | 15 18 | 4 23 | 5 4 | 24 20 | 2 43 | 3 43 |
| T 25 | 11 55 | 8 4 | 0 43 | 21 29 | 3 6 | 13 51 | 0 41 | 23 5 | 0 55 | 15 38 | 1 22 | 18 53 | 2 12 | 23 14 | 0 19 | 8 43 | 1 38 | 3 23 | 15 18 | 4 22 | 5 6 | 24 21 | 2 42 | 3 43 |
| W26 | 12 16 | 2 11 | 0n25 | 21 27 | 3 2 | 14 17 | 0 39 | 23 4 | 0 57 | 15 36 | 1 22 | 18 52 | 2 12 | 23 14 | 0 20 | 8 43 | 1 38 | 3 23 | 15 19 | 4 22 | 5 7 | 24 23 | 2 41 | 3 43 |
| T 27 | 12 36 | 3n41 | 1 30 | 21 23 | 2 57 | 14 42 | 0 37 | 23 3 | 0 59 | 15 34 | 1 22 | 18 51 | 2 12 | 23 14 | 0 20 | 8 44 | 1 38 | 3 23 | 15 19 | 4 23 | 5 8 | 24 25 | 2 40 | 3 42 |
| F 28 | 12 56 | 9 21 | 2 30 | 21 15 | 2 50 | 15 7 | 0 34 | 23 2 | 1 1 | 15 32 | 1 22 | 18 50 | 2 12 | 23 14 | 0 20 | 8 45 | 1 38 | 3 23 | 15 19 | 4 24 | 5 9 | 24 27 | 2 39 | 3 42 |
| S 29 | 13 17 | 14 37 | 3 23 | 21 3 | 2 42 | 15 32 | 0 32 | 23 1 | 1 4 | 15 29 | 1 22 | 18 50 | 2 12 | 23 14 | 0 20 | 8 46 | 1 38 | 3 22 | 15 19 | 4 27 | 5 11 | 24 29 | 2 38 | 3 42 |
| S 30 | 13 36 | 19 18 | 4 6 | 20 48 | 2 33 | 15 56 | 0 30 | 23 1 | 1 6 | 15 27 | 1 22 | 18 49 | 2 12 | 23 14 | 0 20 | 8 47 | 1 38 | 3 22 | 15 19 | 4 30 | 5 12 | 24 31 | 2 37 | 3 42 |
| M31 | 13 s56 | 23n13 | 4n38 | 20 s28 | 2 s21 | 16 s19 | 0n28 | 23n 0 | 1n 8 | 15n25 | 1 s22 | 18n48 | 2 s12 | 23n14 | 0n20 | 8 s47 | 1n38 | 3n22 | 15 s19 | 4 s33 | 5 s13 | 24n32 | 2n36 | 3n42 |

Julian Day Number = 2494916.5, Delta T = 102.58 sec
Ecliptic obliquity = 23°25'35, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°23'58, Lahiri = 25°30'59

# ASTRODIENST EPHEMERIS for the year 2118
# geocentric

## NOVEMBER 2118 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 2 40 5 | 8♏16'29 | 5♊42 | 21°R 4 | 17♏46 | 20♋40 | 16°R13 | 4°R 7 | 11°R41 | 26♎48 | 21°R41 | 18°R18 | 16♓43 | 28♉28 | 27°R59 | T 1 |
| W 2 | 2 44 2 | 9°16'26 | 17°33 | 20♏12 | 19° 2 | 20°58 | 16♉ 5 | 4♊ 3 | 11♋40 | 26°50 | 21♉40 | 18♓ 9 | 16°40 | 28°34 | 27♓57 | W 2 |
| T 3 | 2 47 58 | 10°16'24 | 29°27 | 19°13 | 20°17 | 21°15 | 15°57 | 3°59 | 11°39 | 26°52 | 21°39 | 18° 0 | 16°37 | 28°41 | 27°55 | T 3 |
| F 4 | 2 51 55 | 11°16'25 | 11♋27 | 18° 6 | 21°32 | 21°31 | 15°49 | 3°55 | 11°38 | 26°55 | 21°38 | 17°54 | 16°34 | 28°48 | 27°53 | F 4 |
| S 5 | 2 55 51 | 12°16'28 | 23°35 | 16°53 | 22°47 | 21°47 | 15°40 | 3°50 | 11°37 | 26°57 | 21°37 | 17°50 | 16°31 | 28°55 | 27°51 | S 5 |
| S 6 | 2 59 48 | 13°16'33 | 5♌56 | 15°36 | 24° 2 | 22° 2 | 15°32 | 3°46 | 11°36 | 26°59 | 21°36 | 17°48 | 16°27 | 29° 1 | 27°50 | S 6 |
| M 7 | 3 3 44 | 14°16'39 | 18°34 | 14°17 | 25°17 | 22°17 | 15°24 | 3°42 | 11°35 | 27° 1 | 21°35 | 17°D47 | 16°24 | 29° 8 | 27°48 | M 7 |
| T 8 | 3 7 41 | 15°16'48 | 1♍34 | 13° 0 | 26°32 | 22°31 | 15°16 | 3°37 | 11°34 | 27° 3 | 21°34 | 17°48 | 16°21 | 29°15 | 27°46 | T 8 |
| W 9 | 3 11 38 | 16°16'59 | 15° 0 | 11°45 | 27°47 | 22°44 | 15° 8 | 3°33 | 11°33 | 27° 5 | 21°32 | 17°R49 | 16°18 | 29°21 | 27°45 | W 9 |
| T 10 | 3 15 34 | 17°17'13 | 28°55 | 10°36 | 29° 2 | 22°57 | 15° 0 | 3°28 | 11°32 | 27° 8 | 21°31 | 17°48 | 16°15 | 29°28 | 27°43 | T 10 |
| F 11 | 3 19 31 | 18°17'28 | 13♎18 | 9°35 | 0♐17 | 23° 9 | 14°51 | 3°23 | 11°31 | 27°10 | 21°30 | 17°46 | 16°12 | 29°35 | 27°42 | F 11 |
| S 12 | 3 23 27 | 19°17'45 | 28° 8 | 8°43 | 1°32 | 23°21 | 14°43 | 3°19 | 11°30 | 27°12 | 21°29 | 17°41 | 16° 8 | 29°42 | 27°40 | S 12 |
| S 13 | 3 27 24 | 20°18'04 | 13♏17 | 8° 2 | 2°47 | 23°32 | 14°35 | 3°14 | 11°28 | 27°14 | 21°28 | 17°33 | 16° 5 | 29°48 | 27°39 | S 13 |
| M14 | 3 31 20 | 21°18'24 | 28°36 | 7°32 | 4° 2 | 23°42 | 14°27 | 3° 9 | 11°27 | 27°16 | 21°27 | 17°24 | 16° 2 | 29°55 | 27°37 | M14 |
| T 15 | 3 35 17 | 22°18'47 | 13♐54 | 7°14 | 5°17 | 23°52 | 14°19 | 3° 5 | 11°26 | 27°18 | 21°26 | 17°14 | 15°59 | 0♊ 2 | 27°36 | T 15 |
| W16 | 3 39 13 | 23°19'11 | 29° 0 | 7°D 7 | 6°32 | 24° 0 | 14°11 | 3° 0 | 11°24 | 27°20 | 21°25 | 17° 4 | 15°56 | 0° 8 | 27°35 | W16 |
| T 17 | 3 43 10 | 24°19'37 | 13♑43 | 7°12 | 7°47 | 24° 8 | 14° 3 | 2°55 | 11°23 | 27°22 | 21°23 | 16°56 | 15°53 | 0°15 | 27°34 | T 17 |
| F 18 | 3 47 7 | 25°20'04 | 28° 0 | 7°27 | 9° 2 | 24°16 | 13°55 | 2°50 | 11°21 | 27°24 | 21°22 | 16°51 | 15°49 | 0°22 | 27°32 | F 18 |
| S 19 | 3 51 3 | 26°20'32 | 11♒47 | 7°52 | 10°18 | 24°22 | 13°48 | 2°45 | 11°20 | 27°26 | 21°21 | 16°48 | 15°46 | 0°29 | 27°31 | S 19 |
| S 20 | 3 55 0 | 27°21'01 | 25° 7 | 8°26 | 11°33 | 24°28 | 13°40 | 2°40 | 11°18 | 27°28 | 21°20 | 16°D47 | 15°43 | 0°35 | 27°30 | S 20 |
| M21 | 3 58 56 | 28°21'32 | 8♓ 1 | 9° 8 | 12°48 | 24°33 | 13°32 | 2°36 | 11°16 | 27°30 | 21°19 | 16°47 | 15°40 | 0°42 | 27°29 | M21 |
| T 22 | 4 2 53 | 29°22'03 | 20°35 | 9°57 | 14° 3 | 24°38 | 13°25 | 2°31 | 11°15 | 27°32 | 21°18 | 16°R47 | 15°37 | 0°49 | 27°28 | T 22 |
| W23 | 4 6 49 | 0♐22'37 | 2♈54 | 10°52 | 15°18 | 24°41 | 13°17 | 2°26 | 11°13 | 27°34 | 21°17 | 16°46 | 15°33 | 0°56 | 27°27 | W23 |
| T 24 | 4 10 46 | 1°23'11 | 15° 1 | 11°52 | 16°33 | 24°44 | 13°10 | 2°21 | 11°11 | 27°36 | 21°16 | 16°43 | 15°30 | 1° 2 | 27°27 | T 24 |
| F 25 | 4 14 42 | 2°23'46 | 27° 0 | 12°58 | 17°48 | 24°46 | 13° 3 | 2°16 | 11° 9 | 27°38 | 21°15 | 16°36 | 15°27 | 1° 9 | 27°26 | F 25 |
| S 26 | 4 18 39 | 3°24'23 | 8♉55 | 14° 7 | 19° 3 | 24°48 | 12°55 | 2°11 | 11° 7 | 27°40 | 21°13 | 16°27 | 15°24 | 1°16 | 27°25 | S 26 |
| S 27 | 4 22 36 | 4°25'01 | 20°47 | 15°21 | 20°18 | 24°R48 | 12°48 | 2° 6 | 11° 5 | 27°42 | 21°12 | 16°15 | 15°21 | 1°22 | 27°24 | S 27 |
| M28 | 4 26 32 | 5°25'41 | 2♊39 | 16°37 | 21°33 | 24°48 | 12°41 | 2° 1 | 11° 4 | 27°44 | 21°11 | 16° 1 | 15°18 | 1°29 | 27°24 | M28 |
| T 29 | 4 30 29 | 6°26'22 | 14°32 | 17°55 | 22°48 | 24°46 | 12°35 | 1°56 | 11° 2 | 27°46 | 21°10 | 15°47 | 15°14 | 1°36 | 27°23 | T 29 |
| W30 | 4 34 25 | 7♐27'04 | 26♊28 | 19♏16 | 24♐ 3 | 24♋44 | 12♉28 | 1♊52 | 11♋ 0 | 27♎47 | 21♉ 9 | 15♓32 | 15♓11 | 1♊43 | 27♓23 | W30 |

| Day | ☉ | ☽ | | ☿ | | ♀ | | ♂ | | ♃ | | ♄ | | ♅ | | ♆ | | ♇ | | ☊ | ☊ | ⚸ | ⚷ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 14s15 | 26n 8 | 4n58 | 20s 4 | 2s 8 | 16s43 | 0n26 | 22n59 | 1n10 | 15n23 | 1s22 | 18n47 | 2s13 | 23n14 | 0n20 | 8s48 | 1n38 | 3n21 | 15s19 | 4s37 | 5s14 | 24n34 | 2n35 | 3n41 |
| W 2 | 14 35 | 27 55 | 5 6 | 19 36 | 1 53 | 17 6 | 0 23 | 22 59 | 1 12 | 15 20 | 1 21 | 18 47 | 2 13 | 23 14 | 0 20 | 8 49 | 1 38 | 3 21 | 15 19 | 4 41 | 5 16 | 24 36 | 2 34 | 3 41 |
| T 3 | 14 54 | 28 25 | 5 0 | 19 4 | 1 37 | 17 28 | 0 21 | 22 59 | 1 15 | 15 18 | 1 21 | 18 46 | 2 13 | 23 15 | 0 20 | 8 50 | 1 38 | 3 21 | 15 19 | 4 44 | 5 17 | 24 38 | 2 33 | 3 41 |
| F 4 | 15 12 | 27 36 | 4 41 | 18 28 | 1 19 | 17 50 | 0 18 | 22 58 | 1 17 | 15 16 | 1 21 | 18 45 | 2 13 | 23 15 | 0 20 | 8 51 | 1 38 | 3 20 | 15 19 | 4 47 | 5 18 | 24 40 | 2 32 | 3 41 |
| S 5 | 15 31 | 25 27 | 4 9 | 17 49 | 1 0 | 18 12 | 0 16 | 22 58 | 1 19 | 15 14 | 1 21 | 18 44 | 2 13 | 23 15 | 0 20 | 8 51 | 1 38 | 3 20 | 15 19 | 4 49 | 5 19 | 24 41 | 2 31 | 3 41 |
| S 6 | 15 49 | 22 5 | 3 25 | 17 8 | 0 40 | 18 33 | 0 14 | 22 58 | 1 21 | 15 11 | 1 21 | 18 43 | 2 13 | 23 15 | 0 20 | 8 52 | 1 38 | 3 20 | 15 19 | 4 49 | 5 21 | 24 43 | 2 30 | 3 40 |
| M 7 | 16 7 | 17 38 | 2 30 | 16 25 | 0 19 | 18 53 | 0 11 | 22 58 | 1 24 | 15 9 | 1 21 | 18 42 | 2 13 | 23 15 | 0 20 | 8 53 | 1 38 | 3 19 | 15 19 | 4 49 | 5 22 | 24 45 | 2 30 | 3 40 |
| T 8 | 16 25 | 12 15 | 1 26 | 15 42 | 0n 2 | 19 13 | 0 9 | 22 58 | 1 26 | 15 7 | 1 21 | 18 41 | 2 13 | 23 15 | 0 20 | 8 54 | 1 38 | 3 19 | 15 19 | 4 49 | 5 23 | 24 47 | 2 29 | 3 40 |
| W 9 | 16 42 | 6 8 | 0 15 | 15 0 | 0 22 | 19 33 | 0 6 | 22 58 | 1 29 | 15 4 | 1 21 | 18 41 | 2 13 | 23 15 | 0 20 | 8 54 | 1 38 | 3 19 | 15 19 | 4 49 | 5 24 | 24 48 | 2 28 | 3 40 |
| T 10 | 16 59 | 0s28 | 0s59 | 14 20 | 0 41 | 19 52 | 0 4 | 22 58 | 1 31 | 15 2 | 1 21 | 18 40 | 2 13 | 23 15 | 0 20 | 8 55 | 1 38 | 3 19 | 15 19 | 4 49 | 5 25 | 24 50 | 2 27 | 3 40 |
| F 11 | 17 16 | 7 16 | 2 12 | 13 44 | 1 0 | 20 10 | 0 2 | 22 59 | 1 33 | 15 0 | 1 21 | 18 39 | 2 13 | 23 15 | 0 20 | 8 56 | 1 38 | 3 18 | 15 19 | 4 50 | 5 27 | 24 52 | 2 26 | 3 39 |
| S 12 | 17 32 | 13 53 | 3 17 | 13 12 | 1 16 | 20 28 | 0s 1 | 22 59 | 1 36 | 14 58 | 1 21 | 18 38 | 2 13 | 23 16 | 0 20 | 8 57 | 1 38 | 3 18 | 15 19 | 4 52 | 5 28 | 24 54 | 2 25 | 3 39 |
| S 13 | 17 49 | 19 48 | 4 11 | 12 44 | 1 31 | 20 46 | 0 3 | 23 0 | 1 38 | 14 55 | 1 20 | 18 37 | 2 13 | 23 16 | 0 20 | 8 57 | 1 38 | 3 18 | 15 19 | 4 55 | 5 29 | 24 55 | 2 25 | 3 39 |
| M14 | 18 5 | 24 30 | 4 47 | 12 22 | 1 44 | 21 2 | 0 6 | 23 0 | 1 41 | 14 53 | 1 20 | 18 36 | 2 13 | 23 16 | 0 20 | 8 58 | 1 38 | 3 18 | 15 19 | 4 59 | 5 30 | 24 57 | 2 24 | 3 39 |
| T 15 | 18 20 | 27 27 | 5 2 | 12 6 | 1 55 | 21 18 | 0 8 | 23 1 | 1 44 | 14 51 | 1 20 | 18 35 | 2 13 | 23 16 | 0 20 | 8 59 | 1 38 | 3 17 | 15 19 | 5 3 | 5 32 | 24 59 | 2 23 | 3 38 |
| W16 | 18 36 | 28 22 | 4 56 | 11 55 | 2 4 | 21 34 | 0 11 | 23 2 | 1 46 | 14 49 | 1 20 | 18 34 | 2 13 | 23 16 | 0 20 | 8 59 | 1 38 | 3 17 | 15 19 | 5 6 | 5 33 | 25 0 | 2 22 | 3 38 |
| T 17 | 18 51 | 27 12 | 4 31 | 11 50 | 2 12 | 21 49 | 0 13 | 23 3 | 1 49 | 14 47 | 1 20 | 18 34 | 2 13 | 23 16 | 0 20 | 9 0 | 1 38 | 3 17 | 15 19 | 5 9 | 5 34 | 25 2 | 2 22 | 3 38 |
| F 18 | 19 5 | 24 17 | 3 49 | 11 50 | 2 17 | 22 3 | 0 16 | 23 5 | 1 51 | 14 44 | 1 20 | 18 33 | 2 13 | 23 16 | 0 20 | 9 1 | 1 38 | 3 17 | 15 19 | 5 11 | 5 35 | 25 4 | 2 21 | 3 38 |
| S 19 | 19 19 | 20 2 | 2 54 | 11 54 | 2 21 | 22 17 | 0 18 | 23 6 | 1 54 | 14 42 | 1 20 | 18 32 | 2 13 | 23 17 | 0 20 | 9 2 | 1 38 | 3 16 | 15 19 | 5 13 | 5 37 | 25 5 | 2 20 | 3 37 |
| S 20 | 19 33 | 14 55 | 1 52 | 12 2 | 2 23 | 22 30 | 0 21 | 23 8 | 1 57 | 14 40 | 1 19 | 18 31 | 2 13 | 23 17 | 0 20 | 9 2 | 1 38 | 3 16 | 15 19 | 5 13 | 5 38 | 25 7 | 2 20 | 3 37 |
| M21 | 19 47 | 9 16 | 0 46 | 12 15 | 2 24 | 22 42 | 0 23 | 23 10 | 2 0 | 14 38 | 1 19 | 18 30 | 2 13 | 23 17 | 0 20 | 9 3 | 1 38 | 3 16 | 15 19 | 5 13 | 5 39 | 25 9 | 2 19 | 3 37 |
| T 22 | 20 0 | 3 25 | 0n20 | 12 30 | 2 24 | 22 54 | 0 26 | 23 11 | 2 2 | 14 36 | 1 19 | 18 29 | 2 13 | 23 17 | 0 20 | 9 4 | 1 38 | 3 16 | 15 19 | 5 13 | 5 40 | 25 10 | 2 19 | 3 37 |
| W23 | 20 13 | 2n26 | 1 24 | 12 49 | 2 23 | 23 5 | 0 28 | 23 14 | 2 5 | 14 34 | 1 19 | 18 28 | 2 12 | 23 17 | 0 20 | 9 4 | 1 38 | 3 16 | 15 19 | 5 13 | 5 41 | 25 12 | 2 18 | 3 36 |
| T 24 | 20 26 | 8 7 | 2 23 | 13 9 | 2 21 | 23 15 | 0 30 | 23 16 | 2 8 | 14 32 | 1 19 | 18 27 | 2 12 | 23 17 | 0 20 | 9 5 | 1 39 | 3 15 | 15 19 | 5 15 | 5 43 | 25 14 | 2 17 | 3 36 |
| F 25 | 20 38 | 13 26 | 3 16 | 13 32 | 2 18 | 23 25 | 0 33 | 23 18 | 2 11 | 14 30 | 1 19 | 18 26 | 2 12 | 23 18 | 0 20 | 9 6 | 1 39 | 3 15 | 15 18 | 5 17 | 5 44 | 25 15 | 2 17 | 3 36 |
| S 26 | 20 49 | 18 13 | 3 58 | 13 56 | 2 14 | 23 34 | 0 35 | 23 21 | 2 14 | 14 28 | 1 18 | 18 26 | 2 12 | 23 18 | 0 20 | 9 6 | 1 39 | 3 15 | 15 18 | 5 21 | 5 45 | 25 17 | 2 16 | 3 36 |
| S 27 | 21 1 | 22 17 | 4 31 | 14 22 | 2 10 | 23 42 | 0 38 | 23 23 | 2 16 | 14 26 | 1 18 | 18 25 | 2 12 | 23 18 | 0 20 | 9 7 | 1 39 | 3 15 | 15 18 | 5 25 | 5 46 | 25 19 | 2 16 | 3 35 |
| M28 | 21 12 | 25 26 | 4 51 | 14 48 | 2 5 | 23 49 | 0 40 | 23 26 | 2 19 | 14 24 | 1 18 | 18 24 | 2 12 | 23 18 | 0 20 | 9 7 | 1 39 | 3 15 | 15 18 | 5 31 | 5 48 | 25 20 | 2 15 | 3 35 |
| T 29 | 21 22 | 27 29 | 4 59 | 15 15 | 1 59 | 23 56 | 0 42 | 23 29 | 2 22 | 14 22 | 1 18 | 18 23 | 2 12 | 23 18 | 0 20 | 9 8 | 1 39 | 3 15 | 15 18 | 5 36 | 5 49 | 25 22 | 2 15 | 3 35 |
| W30 | 21s32 | 28n17 | 4n54 | 15s43 | 1n54 | 24s 2 | 0s45 | 23n33 | 2n25 | 14n20 | 1s18 | 18n22 | 2s12 | 23n19 | 0n20 | 9s 9 | 1n39 | 3n14 | 15s18 | 5s42 | 5s50 | 25n23 | 2n14 | 3n35 |

Julian Day Number = 2494947.5, Delta T = 102.63 sec
Ecliptic obliquity = 23°25'35, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°24'02, Lahiri = 25°31'03

# ASTRODIENST EPHEMERIS for the year 2118
# geocentric

## DECEMBER 2118 — 00:00 UT

| Day | Sid.t | ☉ | ☽ | ☿ | ♀ | ♂ | ♃ | ♄ | ♅ | ♆ | ♇ | ☊ | ☊ | ⚸ | ⚷ | Day |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| T 1 | 4 38 22 | 8♐27'48 | 8♋27 | 20♏39 | 25♐18 | 24°R41 | 12°R21 | 1°R47 | 10°R58 | 27♎49 | 21°R 8 | 15°R19 | 15♓ 8 | 1♊49 | 27°R22 | T 1 |
| F 2 | 4 42 18 | 9°28'33 | 20°31 | 22° 4 | 26°33 | 24♋38 | 12♉15 | 1♊42 | 10♋55 | 27°51 | 21♉ 7 | 15♓ 9 | 15° 5 | 1°56 | 27♓22 | F 2 |
| S 3 | 4 46 15 | 10°29'19 | 2♌43 | 23°29 | 27°48 | 24°33 | 12° 8 | 1°37 | 10°53 | 27°53 | 21° 6 | 15° 1 | 15° 2 | 2° 3 | 27°21 | S 3 |
| S 4 | 4 50 11 | 11°30'07 | 15° 6 | 24°56 | 29° 3 | 24°28 | 12° 2 | 1°32 | 10°51 | 27°55 | 21° 5 | 14°56 | 14°59 | 2° 9 | 27°21 | S 4 |
| M 5 | 4 54 8 | 12°30'56 | 27°43 | 26°24 | 0♑18 | 24°21 | 11°56 | 1°27 | 10°49 | 27°56 | 21° 4 | 14°54 | 14°55 | 2°16 | 27°21 | M 5 |
| T 6 | 4 58 5 | 13°31'47 | 10♍38 | 27°53 | 1°33 | 24°14 | 11°50 | 1°23 | 10°47 | 27°58 | 21° 3 | 14°54 | 14°52 | 2°23 | 27°21 | T 6 |
| W 7 | 5 2 1 | 14°32'39 | 23°55 | 29°22 | 2°48 | 24° 6 | 11°45 | 1°18 | 10°45 | 28° 0 | 21° 2 | 14°54 | 14°49 | 2°30 | 27°21 | W 7 |
| T 8 | 5 5 58 | 15°33'32 | 7♎38 | 0♐52 | 4° 3 | 23°57 | 11°39 | 1°13 | 10°42 | 28° 1 | 21° 1 | 14°53 | 14°46 | 2°36 | 27°20 | T 8 |
| F 9 | 5 9 54 | 16°34'27 | 21°48 | 2°22 | 5°18 | 23°47 | 11°34 | 1° 9 | 10°40 | 28° 3 | 21° 0 | 14°50 | 14°43 | 2°43 | 27°D20 | F 9 |
| S 10 | 5 13 51 | 17°35'23 | 6♏25 | 3°53 | 6°33 | 23°37 | 11°29 | 1° 4 | 10°38 | 28° 5 | 20°59 | 14°44 | 14°39 | 2°50 | 27°20 | S 10 |
| S 11 | 5 17 47 | 18°36'20 | 21°24 | 5°24 | 7°48 | 23°25 | 11°24 | 0°59 | 10°36 | 28° 6 | 20°58 | 14°35 | 14°36 | 2°56 | 27°21 | S 11 |
| M12 | 5 21 44 | 19°37'19 | 6♐39 | 6°56 | 9° 3 | 23°13 | 11°19 | 0°55 | 10°33 | 28° 8 | 20°57 | 14°24 | 14°33 | 3° 3 | 27°21 | M12 |
| T 13 | 5 25 40 | 20°38'18 | 21°57 | 8°27 | 10°18 | 23° 0 | 11°14 | 0°50 | 10°31 | 28° 9 | 20°56 | 14°12 | 14°30 | 3°10 | 27°21 | T 13 |
| W14 | 5 29 37 | 21°39'19 | 7♑ 8 | 9°59 | 11°33 | 22°46 | 11° 9 | 0°46 | 10°28 | 28°11 | 20°55 | 14° 1 | 14°27 | 3°17 | 27°21 | W14 |
| T 15 | 5 33 34 | 22°40'20 | 22° 2 | 11°31 | 12°48 | 22°31 | 11° 5 | 0°42 | 10°26 | 28°12 | 20°54 | 13°51 | 14°24 | 3°23 | 27°22 | T 15 |
| F 16 | 5 37 30 | 23°41'22 | 6♒29 | 13° 4 | 14° 3 | 22°16 | 11° 1 | 0°37 | 10°24 | 28°14 | 20°53 | 13°44 | 14°20 | 3°30 | 27°22 | F 16 |
| S 17 | 5 41 27 | 24°42'24 | 20°27 | 14°36 | 15°18 | 21°59 | 10°57 | 0°33 | 10°21 | 28°15 | 20°52 | 13°40 | 14°17 | 3°37 | 27°22 | S 17 |
| S 18 | 5 45 23 | 25°43'26 | 3♓55 | 16° 9 | 16°33 | 21°43 | 10°53 | 0°29 | 10°19 | 28°17 | 20°51 | 13°38 | 14°14 | 3°44 | 27°23 | S 18 |
| M19 | 5 49 20 | 26°44'29 | 16°55 | 17°41 | 17°48 | 21°25 | 10°50 | 0°25 | 10°16 | 28°18 | 20°50 | 13°D38 | 14°11 | 3°50 | 27°23 | M19 |
| T 20 | 5 53 16 | 27°45'33 | 29°31 | 19°14 | 19° 3 | 21° 6 | 10°46 | 0°21 | 10°14 | 28°19 | 20°49 | 13°R38 | 14° 8 | 3°57 | 27°24 | T 20 |
| W21 | 5 57 13 | 28°46'36 | 11♈49 | 20°47 | 20°18 | 20°48 | 10°43 | 0°17 | 10°11 | 28°21 | 20°49 | 13°37 | 14° 5 | 4° 4 | 27°25 | W21 |
| T 22 | 6 1 9 | 29°47'41 | 23°54 | 22°20 | 21°33 | 20°28 | 10°40 | 0°13 | 10° 9 | 28°22 | 20°48 | 13°35 | 14° 1 | 4°10 | 27°25 | T 22 |
| F 23 | 6 5 6 | 0♑48'45 | 5♉50 | 23°54 | 22°48 | 20° 8 | 10°38 | 0° 9 | 10° 6 | 28°23 | 20°47 | 13°29 | 13°58 | 4°17 | 27°26 | F 23 |
| S 24 | 6 9 3 | 1°49'50 | 17°41 | 25°27 | 24° 3 | 19°47 | 10°35 | 0° 5 | 10° 4 | 28°25 | 20°46 | 13°21 | 13°55 | 4°24 | 27°27 | S 24 |
| S 25 | 6 12 59 | 2°50'55 | 29°32 | 27° 1 | 25°17 | 19°26 | 10°33 | 0° 1 | 10° 1 | 28°26 | 20°45 | 13°11 | 13°52 | 4°31 | 27°28 | S 25 |
| M26 | 6 16 56 | 3°52'00 | 11♊25 | 28°35 | 26°32 | 19° 4 | 10°30 | 29♉58 | 9°58 | 28°27 | 20°45 | 12°58 | 13°49 | 4°37 | 27°29 | M26 |
| T 27 | 6 20 52 | 4°53'06 | 23°22 | 0♑ 9 | 27°47 | 18°42 | 10°28 | 29°54 | 9°56 | 28°28 | 20°44 | 12°44 | 13°45 | 4°44 | 27°30 | T 27 |
| W28 | 6 24 49 | 5°54'12 | 5♋24 | 1°43 | 29° 2 | 18°20 | 10°27 | 29°51 | 9°53 | 28°29 | 20°43 | 12°31 | 13°42 | 4°51 | 27°31 | W28 |
| T 29 | 6 28 45 | 6°55'18 | 17°32 | 3°18 | 0♒17 | 17°57 | 10°25 | 29°47 | 9°51 | 28°30 | 20°42 | 12°19 | 13°39 | 4°58 | 27°32 | T 29 |
| F 30 | 6 32 42 | 7°56'25 | 29°48 | 4°53 | 1°32 | 17°34 | 10°24 | 29°44 | 9°48 | 28°31 | 20°42 | 12° 9 | 13°36 | 5° 4 | 27°33 | F 30 |
| S 31 | 6 36 39 | 8♑57'32 | 12♌12 | 6♑28 | 2♒46 | 17♋10 | 10♉23 | 29♉41 | 9♋46 | 28♎32 | 20♉41 | 12♓ 3 | 13♓33 | 5♊11 | 27♓34 | 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 | 21s42 | 27n45 | 4n36 | 16s11 | 1n47 | 24s 7 | 0s47 | 23n36 | 2n28 | 14n18 | 1s17 | 18n21 | 2s12 | 23n19 | 0n20 | 9s 9 | 1n39 | 3n14 | 15s18 | 5s47 | 5s51 | 25n25 | 2n14 | 3n34 |
| F 2 | 21 52 | 25 54 | 4 5 | 16 39 | 1 41 | 24 12 | 0 49 | 23 40 | 2 31 | 14 17 | 1 17 | 18 20 | 2 12 | 23 19 | 0 20 | 9 10 | 1 39 | 3 14 | 15 18 | 5 51 | 5 52 | 25 27 | 2 14 | 3 34 |
| S 3 | 22 0 | 22 50 | 3 23 | 17 7 | 1 34 | 24 16 | 0 51 | 23 43 | 2 34 | 14 15 | 1 17 | 18 19 | 2 12 | 23 19 | 0 20 | 9 11 | 1 39 | 3 14 | 15 18 | 5 54 | 5 54 | 25 28 | 2 13 | 3 34 |
| S 4 | 22 9 | 18 41 | 2 30 | 17 34 | 1 28 | 24 19 | 0 54 | 23 47 | 2 37 | 14 13 | 1 17 | 18 19 | 2 12 | 23 19 | 0 20 | 9 11 | 1 39 | 3 14 | 15 17 | 5 56 | 5 55 | 25 30 | 2 13 | 3 34 |
| M 5 | 22 17 | 13 40 | 1 29 | 18 2 | 1 21 | 24 21 | 0 56 | 23 51 | 2 40 | 14 12 | 1 16 | 18 18 | 2 11 | 23 19 | 0 20 | 9 12 | 1 39 | 3 14 | 15 17 | 5 57 | 5 56 | 25 31 | 2 13 | 3 33 |
| T 6 | 22 25 | 7 55 | 0 23 | 18 29 | 1 13 | 24 23 | 0 58 | 23 55 | 2 43 | 14 10 | 1 16 | 18 17 | 2 11 | 23 20 | 0 20 | 9 12 | 1 39 | 3 14 | 15 17 | 5 57 | 5 57 | 25 33 | 2 12 | 3 33 |
| W 7 | 22 32 | 1 41 | 0s47 | 18 56 | 1 6 | 24 24 | 1 0 | 24 0 | 2 45 | 14 9 | 1 16 | 18 16 | 2 11 | 23 20 | 0 20 | 9 13 | 1 39 | 3 14 | 15 17 | 5 57 | 5 59 | 25 34 | 2 12 | 3 33 |
| T 8 | 22 39 | 4s49 | 1 57 | 19 21 | 0 59 | 24 24 | 1 2 | 24 4 | 2 48 | 14 7 | 1 16 | 18 15 | 2 11 | 23 20 | 0 20 | 9 13 | 1 39 | 3 14 | 15 17 | 5 57 | 6 0 | 25 36 | 2 12 | 3 33 |
| F 9 | 22 45 | 11 18 | 3 1 | 19 47 | 0 52 | 24 23 | 1 4 | 24 9 | 2 51 | 14 6 | 1 15 | 18 15 | 2 11 | 23 20 | 0 20 | 9 14 | 1 39 | 3 13 | 15 17 | 5 58 | 6 1 | 25 38 | 2 11 | 3 32 |
| S 10 | 22 51 | 17 22 | 3 56 | 20 11 | 0 44 | 24 22 | 1 6 | 24 13 | 2 54 | 14 5 | 1 15 | 18 14 | 2 11 | 23 20 | 0 21 | 9 14 | 1 39 | 3 13 | 15 17 | 6 1 | 6 2 | 25 39 | 2 11 | 3 32 |
| S 11 | 22 56 | 22 32 | 4 36 | 20 35 | 0 37 | 24 20 | 1 8 | 24 18 | 2 57 | 14 3 | 1 15 | 18 13 | 2 11 | 23 21 | 0 21 | 9 15 | 1 39 | 3 13 | 15 16 | 6 4 | 6 4 | 25 41 | 2 11 | 3 32 |
| M12 | 23 1 | 26 17 | 4 57 | 20 58 | 0 30 | 24 17 | 1 10 | 24 23 | 3 0 | 14 2 | 1 15 | 18 12 | 2 10 | 23 21 | 0 21 | 9 15 | 1 39 | 3 13 | 15 16 | 6 8 | 6 5 | 25 42 | 2 11 | 3 31 |
| T 13 | 23 6 | 28 8 | 4 57 | 21 20 | 0 22 | 24 13 | 1 12 | 24 28 | 3 3 | 14 1 | 1 14 | 18 11 | 2 10 | 23 21 | 0 21 | 9 16 | 1 39 | 3 13 | 15 16 | 6 13 | 6 6 | 25 44 | 2 11 | 3 31 |
| W14 | 23 10 | 27 50 | 4 36 | 21 41 | 0 15 | 24 9 | 1 14 | 24 33 | 3 6 | 14 0 | 1 14 | 18 11 | 2 10 | 23 21 | 0 21 | 9 16 | 1 39 | 3 13 | 15 16 | 6 17 | 6 7 | 25 45 | 2 10 | 3 31 |
| T 15 | 23 13 | 25 31 | 3 57 | 22 1 | 0 8 | 24 4 | 1 15 | 24 39 | 3 8 | 13 59 | 1 14 | 18 10 | 2 10 | 23 22 | 0 21 | 9 17 | 1 39 | 3 13 | 15 16 | 6 21 | 6 8 | 25 47 | 2 10 | 3 31 |
| F 16 | 23 17 | 21 35 | 3 3 | 22 20 | 0 1 | 23 58 | 1 17 | 24 44 | 3 11 | 13 58 | 1 14 | 18 9 | 2 10 | 23 22 | 0 21 | 9 17 | 1 39 | 3 13 | 15 15 | 6 24 | 6 10 | 25 48 | 2 10 | 3 30 |
| S 17 | 23 19 | 16 33 | 1 59 | 22 38 | 0s 6 | 23 51 | 1 19 | 24 49 | 3 14 | 13 57 | 1 13 | 18 9 | 2 10 | 23 22 | 0 21 | 9 18 | 1 40 | 3 13 | 15 15 | 6 25 | 6 11 | 25 50 | 2 10 | 3 30 |
| S 18 | 23 21 | 10 52 | 0 51 | 22 55 | 0 13 | 23 44 | 1 20 | 24 55 | 3 17 | 13 56 | 1 13 | 18 8 | 2 9 | 23 22 | 0 21 | 9 18 | 1 40 | 3 13 | 15 15 | 6 26 | 6 12 | 25 51 | 2 10 | 3 30 |
| M19 | 23 23 | 4 54 | 0n17 | 23 11 | 0 20 | 23 36 | 1 22 | 25 0 | 3 19 | 13 55 | 1 13 | 18 7 | 2 9 | 23 22 | 0 21 | 9 19 | 1 40 | 3 13 | 15 15 | 6 26 | 6 13 | 25 52 | 2 10 | 3 30 |
| T 20 | 23 24 | 1n 5 | 1 23 | 23 26 | 0 26 | 23 27 | 1 23 | 25 6 | 3 22 | 13 54 | 1 12 | 18 6 | 2 9 | 23 23 | 0 21 | 9 19 | 1 40 | 3 13 | 15 15 | 6 26 | 6 15 | 25 54 | 2 10 | 3 29 |
| W21 | 23 25 | 6 52 | 2 23 | 23 39 | 0 33 | 23 18 | 1 25 | 25 11 | 3 24 | 13 53 | 1 12 | 18 6 | 2 9 | 23 23 | 0 21 | 9 20 | 1 40 | 3 13 | 15 14 | 6 26 | 6 16 | 25 55 | 2 10 | 3 29 |
| T 22 | 23 26 | 12 18 | 3 16 | 23 52 | 0 39 | 23 7 | 1 26 | 25 16 | 3 27 | 13 53 | 1 12 | 18 5 | 2 9 | 23 23 | 0 21 | 9 20 | 1 40 | 3 13 | 15 14 | 6 27 | 6 17 | 25 57 | 2 10 | 3 29 |
| F 23 | 23 25 | 17 13 | 3 59 | 24 3 | 0 46 | 22 56 | 1 28 | 25 22 | 3 29 | 13 52 | 1 12 | 18 5 | 2 8 | 23 23 | 0 21 | 9 20 | 1 40 | 3 13 | 15 14 | 6 29 | 6 18 | 25 58 | 2 10 | 3 29 |
| S 24 | 23 25 | 21 27 | 4 32 | 24 13 | 0 52 | 22 45 | 1 29 | 25 27 | 3 32 | 13 52 | 1 11 | 18 4 | 2 8 | 23 23 | 0 21 | 9 21 | 1 40 | 3 13 | 15 14 | 6 32 | 6 19 | 26 0 | 2 10 | 3 28 |
| S 25 | 23 24 | 24 48 | 4 53 | 24 21 | 0 58 | 22 33 | 1 30 | 25 33 | 3 34 | 13 51 | 1 11 | 18 3 | 2 8 | 23 24 | 0 21 | 9 21 | 1 40 | 3 13 | 15 13 | 6 36 | 6 21 | 26 1 | 2 11 | 3 28 |
| M26 | 23 22 | 27 6 | 5 1 | 24 29 | 1 4 | 22 20 | 1 31 | 25 38 | 3 36 | 13 51 | 1 11 | 18 3 | 2 8 | 23 24 | 0 21 | 9 22 | 1 40 | 3 13 | 15 13 | 6 41 | 6 22 | 26 3 | 2 11 | 3 28 |
| T 27 | 23 20 | 28 11 | 4 56 | 24 35 | 1 9 | 22 6 | 1 32 | 25 43 | 3 38 | 13 50 | 1 10 | 18 2 | 2 8 | 23 24 | 0 21 | 9 22 | 1 40 | 3 13 | 15 13 | 6 46 | 6 23 | 26 4 | 2 11 | 3 28 |
| W28 | 23 18 | 27 57 | 4 38 | 24 39 | 1 15 | 21 52 | 1 33 | 25 48 | 3 40 | 13 50 | 1 10 | 18 2 | 2 7 | 23 24 | 0 21 | 9 22 | 1 40 | 3 13 | 15 13 | 6 52 | 6 24 | 26 5 | 2 11 | 3 27 |
| T 29 | 23 15 | 26 21 | 4 7 | 24 43 | 1 20 | 21 37 | 1 34 | 25 53 | 3 42 | 13 50 | 1 10 | 18 1 | 2 7 | 23 24 | 0 21 | 9 23 | 1 40 | 3 13 | 15 13 | 6 56 | 6 26 | 26 7 | 2 11 | 3 27 |
| F 30 | 23 11 | 23 31 | 3 24 | 24 45 | 1 25 | 21 21 | 1 35 | 25 58 | 3 44 | 13 50 | 1 9 | 18 1 | 2 7 | 23 25 | 0 21 | 9 23 | 1 40 | 3 13 | 15 12 | 7 0 | 6 27 | 26 8 | 2 11 | 3 27 |
| S 31 | 23s 7 | 19n33 | 2n31 | 24s46 | 1s30 | 21s 5 | 1s36 | 26n 3 | 3n46 | 13n50 | 1s 9 | 18n 0 | 2s 7 | 23n25 | 0n21 | 9s23 | 1n40 | 3n13 | 15s12 | 7s 2 | 6s28 | 26n 9 | 2n12 | 3n27 |

Julian Day Number = 2494977.5, Delta T = 102.67 sec
Ecliptic obliquity = 23°25'34, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 26°24'06, Lahiri = 25°31'07