



Astrodienst Ephemeris Tables for the year 2294

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 EPHEMERIS for the year 2294

geocentric

JANUARY 2294

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|---------|-----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|---------------------|---------------------|--------------------|---------------------|---------------------|---------------------|--------------------|------|
| M 1 | 6 43 2 | 10 ³⁰ 51 | 21 ⁴⁴ 41 | 19 ⁴⁷ 47 | 23 ⁴² 42 | 22°R42 | 10 ⁴⁴ 14 | 7°R27 | 15°R31 | 22 ⁴² 30 | 5 ⁴⁴ 44 | 18°R55 | 18 ⁴⁹ 49 | 16 ⁴⁴ 3 | 5 ⁴⁴ 33 | M 1 |
| T 2 | 6 46 59 | 11°31'59 | 3 ⁴⁰ 40 | 20°14 | 24°44 | 22 ⁴² 35 | 10°27 | 7 ⁴⁶ 26 | 15 ⁴² 29 | 22°32 | 5°45 | 18 ⁴⁷ 47 | 18°45 | 16°10 | 5°38 | T 2 |
| W 3 | 6 50 55 | 12°33'08 | 15°31 | 20°47 | 25°46 | 22°27 | 10°40 | 7°25 | 15°27 | 22°33 | 5°46 | 18°41 | 18°42 | 16°16 | 5°44 | W 3 |
| T 4 | 6 54 52 | 13°34'17 | 27°19 | 21°26 | 26°49 | 22°19 | 10°54 | 7°25 | 15°25 | 22°35 | 5°48 | 18°39 | 18°39 | 16°23 | 5°49 | T 4 |
| F 5 | 6 58 48 | 14°35'25 | 9 ⁴⁸ 8 | 22°11 | 27°53 | 22° 9 | 11° 7 | 7°24 | 15°23 | 22°37 | 5°49 | 18°38 | 18°36 | 16°30 | 5°54 | F 5 |
| S 6 | 7 2 45 | 15°36'34 | 21° 4 | 23° 1 | 28°56 | 21°59 | 11°21 | 7°24 | 15°21 | 22°38 | 5°50 | 18°38 | 18°33 | 16°36 | 5°59 | S 6 |
| S 7 | 7 6 41 | 16°37'42 | 3 ⁴⁸ 12 | 23°55 | 0 ⁴⁷ 0 | 21°48 | 11°34 | 7°23 | 15°18 | 22°40 | 5°51 | 18°37 | 18°29 | 16°43 | 6° 4 | S 7 |
| M 8 | 7 10 38 | 17°38'50 | 15°39 | 24°53 | 1° 5 | 21°36 | 11°48 | 7°23 | 15°16 | 22°41 | 5°52 | 18°35 | 18°26 | 16°50 | 6° 9 | M 8 |
| T 9 | 7 14 35 | 18°39'58 | 28°28 | 25°54 | 2° 9 | 21°23 | 12° 2 | 7°D23 | 15°14 | 22°43 | 5°53 | 18°31 | 18°23 | 16°56 | 6°14 | T 9 |
| W10 | 7 18 31 | 19°41'06 | 11 ⁴³ 43 | 26°58 | 3°14 | 21° 9 | 12°15 | 7°23 | 15°12 | 22°44 | 5°55 | 18°24 | 18°20 | 17° 3 | 6°18 | W10 |
| T 11 | 7 22 28 | 20°42'13 | 25°25 | 28° 5 | 4°19 | 20°55 | 12°29 | 7°24 | 15° 9 | 22°45 | 5°56 | 18°14 | 18°17 | 17°10 | 6°23 | T 11 |
| F 12 | 7 26 24 | 21°43'21 | 9 ⁴⁸ 32 | 29°15 | 5°24 | 20°40 | 12°43 | 7°24 | 15° 7 | 22°47 | 5°57 | 18° 2 | 18°14 | 17°16 | 6°27 | F 12 |
| S 13 | 7 30 21 | 22°44'28 | 24° 0 | 0 ⁴⁸ 26 | 6°30 | 20°24 | 12°57 | 7°24 | 15° 5 | 22°48 | 5°59 | 17°50 | 18°10 | 17°23 | 6°32 | S 13 |
| S 14 | 7 34 17 | 23°45'34 | 8 ⁴² 42 | 1°40 | 7°36 | 20° 8 | 13°10 | 7°25 | 15° 2 | 22°49 | 6° 0 | 17°38 | 18° 7 | 17°30 | 6°36 | S 14 |
| M15 | 7 38 14 | 24°46'41 | 23°30 | 2°55 | 8°42 | 19°51 | 13°24 | 7°26 | 15° 0 | 22°51 | 6° 1 | 17°28 | 18° 4 | 17°36 | 6°40 | M15 |
| T 16 | 7 42 10 | 25°47'48 | 8 ⁴² 16 | 4°12 | 9°48 | 19°33 | 13°38 | 7°26 | 14°57 | 22°52 | 6° 3 | 17°21 | 18° 1 | 17°43 | 6°44 | T 16 |
| W17 | 7 46 7 | 26°48'54 | 22°52 | 5°30 | 10°55 | 19°14 | 13°52 | 7°27 | 14°55 | 22°53 | 6° 4 | 17°16 | 17°58 | 17°50 | 6°48 | W17 |
| T 18 | 7 50 4 | 27°50'00 | 7 ⁴² 14 | 6°50 | 12° 2 | 18°55 | 14° 6 | 7°28 | 14°53 | 22°54 | 6° 5 | 17°15 | 17°55 | 17°56 | 6°52 | T 18 |
| F 19 | 7 54 0 | 28°51'07 | 21°20 | 8°10 | 13° 9 | 18°36 | 14°20 | 7°29 | 14°50 | 22°56 | 6° 7 | 17°14 | 17°51 | 18° 3 | 6°56 | F 19 |
| S 20 | 7 57 57 | 29°52'13 | 5 ⁴² 10 | 9°32 | 14°16 | 18°15 | 14°34 | 7°30 | 14°48 | 22°57 | 6° 8 | 17°14 | 17°48 | 18°10 | 7° 0 | S 20 |
| S 21 | 8 1 53 | 0 ⁴⁸ 53'19 | 18°44 | 10°55 | 15°24 | 17°54 | 14°48 | 7°32 | 14°45 | 22°58 | 6° 9 | 17°13 | 17°45 | 18°16 | 7° 3 | S 21 |
| M22 | 8 5 50 | 1°54'25 | 2 ⁴⁷ 3 | 12°19 | 16°31 | 17°33 | 15° 2 | 7°33 | 14°43 | 22°59 | 6°11 | 17°10 | 17°42 | 18°23 | 7° 7 | M22 |
| T 23 | 8 9 46 | 2°55'31 | 15°10 | 13°44 | 17°39 | 17°11 | 15°16 | 7°35 | 14°40 | 23° 0 | 6°12 | 17° 4 | 17°39 | 18°30 | 7°10 | T 23 |
| W24 | 8 13 43 | 3°56'37 | 28° 5 | 15° 9 | 18°47 | 16°49 | 15°31 | 7°36 | 14°37 | 23° 1 | 6°14 | 16°54 | 17°35 | 18°36 | 7°13 | W24 |
| T 25 | 8 17 39 | 4°57'42 | 10 ⁴² 49 | 16°35 | 19°55 | 16°26 | 15°45 | 7°38 | 14°35 | 23° 2 | 6°15 | 16°43 | 17°32 | 18°43 | 7°16 | T 25 |
| F 26 | 8 21 36 | 5°58'46 | 23°22 | 18° 3 | 21° 3 | 16° 3 | 15°59 | 7°40 | 14°32 | 23° 3 | 6°17 | 16°30 | 17°29 | 18°50 | 7°19 | F 26 |
| S 27 | 8 25 33 | 6°59'50 | 5 ⁴² 44 | 19°30 | 22°12 | 15°40 | 16°13 | 7°42 | 14°30 | 23° 4 | 6°18 | 16°16 | 17°26 | 18°56 | 7°22 | S 27 |
| S 28 | 8 29 29 | 8° 0'54 | 17°56 | 20°59 | 23°20 | 15°17 | 16°27 | 7°44 | 14°27 | 23° 5 | 6°20 | 16° 4 | 17°23 | 19° 3 | 7°25 | S 28 |
| M29 | 8 33 26 | 9° 1'56 | 29°58 | 22°28 | 24°29 | 14°53 | 16°41 | 7°46 | 14°24 | 23° 6 | 6°21 | 15°53 | 17°20 | 19°10 | 7°28 | M29 |
| T 30 | 8 37 22 | 10° 2'58 | 11 ⁴² 53 | 23°58 | 25°38 | 14°29 | 16°56 | 7°49 | 14°22 | 23° 6 | 6°23 | 15°45 | 17°16 | 19°16 | 7°30 | T 30 |
| W31 | 8 41 19 | 11 ⁴² 58 | 23 ⁴² 42 | 25 ⁴² 29 | 26 ⁴⁷ 47 | 14 ⁴² 5 | 17 ⁴² 10 | 7 ⁴⁸ 51 | 14 ⁴² 19 | 23 ⁴² 7 | 6 ⁴² 24 | 15 ⁴² 40 | 17 ⁴² 13 | 19 ⁴² 23 | 7 ⁴² 33 | W31 |

| Day | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | lat |
| M 1 | 22s59 | 10s15 | 4n13 | 20s16 | 2n44 | 15s33 | 3n13 | 17n23 | 3n40 | 18s13 | 0s35 | 11n36 | 2s30 | 16n49 | 0n41 | 16s43 |
| T 2 | 22 54 | 6 49 | 3 34 | 20 25 | 2 38 | 15 48 | 3 13 | 17 28 | 3 42 | 18 10 | 0 35 | 11 36 | 2 30 | 16 50 | 0 41 | 16 44 |
| W 3 | 22 48 | 3 9 | 2 46 | 20 34 | 2 31 | 16 2 | 3 13 | 17 33 | 3 45 | 18 6 | 0 35 | 11 36 | 2 30 | 16 50 | 0 42 | 16 44 |
| T 4 | 22 42 | 0n37 | 1 50 | 20 44 | 2 23 | 16 17 | 3 13 | 17 38 | 3 47 | 18 2 | 0 36 | 11 36 | 2 30 | 16 51 | 0 42 | 16 45 |
| F 5 | 22 36 | 4 23 | 0 50 | 20 55 | 2 15 | 16 31 | 3 13 | 17 43 | 3 50 | 17 59 | 0 36 | 11 36 | 2 29 | 16 52 | 0 42 | 16 45 |
| S 6 | 22 29 | 8 0 | 0s13 | 21 6 | 2 7 | 16 45 | 3 12 | 17 49 | 3 52 | 17 55 | 0 36 | 11 36 | 2 29 | 16 52 | 0 42 | 16 45 |
| S 7 | 22 22 | 11 22 | 1 16 | 21 17 | 1 59 | 16 59 | 3 12 | 17 55 | 3 54 | 17 51 | 0 36 | 11 37 | 2 29 | 16 53 | 0 42 | 16 46 |
| M 8 | 22 14 | 14 18 | 2 18 | 21 28 | 1 50 | 17 13 | 3 11 | 18 1 | 3 57 | 17 48 | 0 36 | 11 37 | 2 28 | 16 54 | 0 42 | 16 46 |
| T 9 | 22 6 | 16 38 | 3 14 | 21 39 | 1 41 | 17 27 | 3 10 | 18 7 | 3 59 | 17 44 | 0 36 | 11 37 | 2 28 | 16 54 | 0 42 | 16 46 |
| W10 | 21 57 | 18 10 | 4 2 | 21 50 | 1 32 | 17 40 | 3 10 | 18 14 | 4 1 | 17 40 | 0 36 | 11 37 | 2 28 | 16 55 | 0 42 | 16 47 |
| T 11 | 21 48 | 18 42 | 4 37 | 22 0 | 1 23 | 17 53 | 3 8 | 18 20 | 4 3 | 17 36 | 0 36 | 11 38 | 2 27 | 16 56 | 0 42 | 16 47 |
| F 12 | 21 39 | 18 7 | 4 57 | 22 10 | 1 14 | 18 6 | 3 7 | 18 27 | 4 6 | 17 32 | 0 36 | 11 38 | 2 27 | 16 56 | 0 42 | 16 47 |
| S 13 | 21 29 | 16 22 | 4 59 | 22 19 | 1 5 | 18 18 | 3 6 | 18 34 | 4 8 | 17 28 | 0 36 | 11 39 | 2 27 | 16 57 | 0 42 | 16 47 |
| S 14 | 21 19 | 13 32 | 4 41 | 22 27 | 0 56 | 18 30 | 3 5 | 18 42 | 4 10 | 17 25 | 0 36 | 11 39 | 2 27 | 16 58 | 0 42 | 16 48 |
| M15 | 21 8 | 9 49 | 4 4 | 22 35 | 0 47 | 18 42 | 3 3 | 18 49 | 4 12 | 17 21 | 0 36 | 11 40 | 2 26 | 16 59 | 0 42 | 16 48 |
| T 16 | 20 57 | 5 31 | 3 11 | 22 41 | 0 39 | 18 53 | 3 1 | 18 56 | 4 14 | 17 17 | 0 36 | 11 40 | 2 26 | 16 59 | 0 42 | 16 48 |
| W17 | 20 45 | 0 55 | 2 5 | 22 47 | 0 30 | 19 5 | 3 0 | 19 4 | 4 15 | 17 13 | 0 36 | 11 41 | 2 26 | 17 0 | 0 42 | 16 49 |
| T 18 | 20 34 | 3s41 | 0 53 | 22 52 | 0 22 | 19 15 | 2 58 | 19 12 | 4 17 | 17 9 | 0 36 | 11 41 | 2 25 | 17 1 | 0 42 | 16 49 |
| F 19 | 20 21 | 7 58 | 0n22 | 22 56 | 0 13 | 19 26 | 2 56 | 19 20 | 4 19 | 17 5 | 0 36 | 11 42 | 2 25 | 17 1 | 0 42 | 16 49 |
| S 20 | 20 9 | 11 45 | 1 34 | 22 58 | 0 5 | 19 36 | 2 54 | 19 28 | 4 21 | 17 1 | 0 36 | 11 43 | 2 25 | 17 2 | 0 42 | 16 49 |
| S 21 | 19 56 | 14 49 | 2 39 | 23 0 | 0s 3 | 19 45 | 2 52 | 19 36 | 4 22 | 16 57 | 0 36 | 11 43 | 2 25 | 17 3 | 0 42 | 16 49 |
| M22 | 19 42 | 17 3 | 3 34 | 23 0 | 0 11 | 19 54 | 2 49 | 19 44 | 4 24 | 16 53 | 0 36 | 11 44 | 2 24 | 17 4 | 0 42 | 16 50 |
| T 23 | 19 28 | 18 19 | 4 17 | 23 0 | 0 18 | 20 3 | 2 47 | 19 52 | 4 25 | 16 49 | 0 36 | 11 45 | 2 24 | 17 4 | 0 42 | 16 50 |
| W24 | 19 14 | 18 37 | 4 46 | 22 58 | 0 26 | 20 11 | 2 45 | 20 0 | 4 26 | 16 44 | 0 37 | 11 46 | 2 24 | 17 5 | 0 42 | 16 50 |
| T 25 | 19 0 | 17 59 | 5 0 | 22 55 | 0 33 | 20 19 | 2 42 | 20 8 | 4 27 | 16 40 | 0 37 | 11 46 | 2 23 | 17 6 | 0 42 | 16 50 |
| F 26 | 18 45 | 16 28 | 4 59 | 22 51 | 0 40 | 20 27 | 2 39 | 20 16 | 4 28 | 16 36 | 0 37 | 11 47 | 2 23 | 17 7 | 0 42 | 16 50 |
| S 27 | 18 29 | 14 12 | 4 45 | 22 45 | 0 47 | 20 34 | 2 37 | 20 24 | 4 29 | 16 32 | 0 37 | 11 48 | 2 23 | 17 8 | 0 42 | 16 51 |
| S 28 | 18 14 | 11 21 | 4 17 | 22 39 | 0 53 | 20 40 | 2 34 | 20 32 | 4 30 | 16 28 | 0 37 | 11 49 | 2 22 | 17 8 | 0 42 | 16 51 |
| M29 | 17 58 | 8 3 | 3 38 | 22 31 | 1 0 | 20 46 | 2 31 | 20 39 | 4 31 | 16 24 | 0 37 | 11 50 | 2 22 | 17 9 | 0 42 | 16 51 |
| T 30 | 17 42 | 4 29 | 2 50 | 22 22 | 1 6 | 20 51 | 2 28 | 20 47 | 4 31 | 16 19 | 0 37 | 11 51 | 2 22 | 17 10 | 0 42 | 16 51 |
| W31 | 17s25 | 0s45 | 1n54 | 22s11 | 1s12 | 20s56 | 2n25 | 20n55 | 4n32 | 16s15 | 0s37 | 11n52 | 2s22 | 17n11 | 0n42 | 16s51 |

Julian Day Number = 2558926.5, Delta T = 286.70 sec
 Ecliptic obliquity = 23°23'54, Nutation = 0°00'06, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 28°50'59, Lahiri = 27°57'59

ASTRODIENST EPHEMERIS for the year 2294

geocentric

FEBRUARY 2294

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|----------|-------|-------|-------|--------|-------|------|--------|--------|------|--------|-------|-------|-------|------|
| T 1 | 8 45 15 | 12≈ 4'58 | 5♂28 | 27♂ 0 | 27♂56 | 13°R41 | 17≈24 | 7♂54 | 14°R17 | 23♂ 8 | 6♂26 | 15°R37 | 17♂10 | 19♂30 | 7♂35 | T 1 |
| F 2 | 8 49 12 | 13° 5'56 | 17°16 | 28°32 | 29° 6 | 13♂17 | 17°38 | 7°56 | 14♂14 | 23° 9 | 6°27 | 15°D36 | 17° 7 | 19°36 | 7°37 | F 2 |
| S 3 | 8 53 8 | 14° 6'54 | 29°10 | 0≈ 5 | 0♂15 | 12°53 | 17°53 | 7°59 | 14°11 | 23° 9 | 6°29 | 15♂37 | 17° 4 | 19°43 | 7°39 | S 3 |
| S 4 | 8 57 5 | 15° 7'50 | 11♂16 | 1°38 | 1°25 | 12°29 | 18° 7 | 8° 2 | 14° 9 | 23°10 | 6°31 | 15°R38 | 17° 1 | 19°49 | 7°41 | S 4 |
| M 5 | 9 1 2 | 16° 8'45 | 23°38 | 3°12 | 2°34 | 12° 5 | 18°21 | 8° 5 | 14° 6 | 23°11 | 6°32 | 15°37 | 16°57 | 19°56 | 7°43 | M 5 |
| T 6 | 9 4 58 | 17° 9'39 | 6♂23 | 4°47 | 3°44 | 11°41 | 18°36 | 8° 8 | 14° 3 | 23°11 | 6°34 | 15°35 | 16°54 | 20° 3 | 7°45 | T 6 |
| W 7 | 9 8 55 | 18°10'31 | 19°34 | 6°22 | 4°54 | 11°18 | 18°50 | 8°11 | 14° 1 | 23°12 | 6°35 | 15°31 | 16°51 | 20° 9 | 7°46 | W 7 |
| T 8 | 9 12 51 | 19°11'22 | 3♂15 | 7°58 | 6° 4 | 10°55 | 19° 4 | 8°14 | 13°58 | 23°12 | 6°37 | 15°25 | 16°48 | 20°16 | 7°48 | T 8 |
| F 9 | 9 16 48 | 20°12'12 | 17°24 | 9°35 | 7°14 | 10°32 | 19°18 | 8°17 | 13°56 | 23°13 | 6°39 | 15°17 | 16°45 | 20°23 | 7°49 | F 9 |
| S 10 | 9 20 44 | 21°13'01 | 2♂ 0 | 11°13 | 8°24 | 10° 9 | 19°33 | 8°21 | 13°53 | 23°13 | 6°40 | 15° 8 | 16°41 | 20°29 | 7°50 | S 10 |
| S 11 | 9 24 41 | 22°13'48 | 16°56 | 12°51 | 9°35 | 9°47 | 19°47 | 8°24 | 13°50 | 23°14 | 6°42 | 14°59 | 16°38 | 20°36 | 7°52 | S 11 |
| M12 | 9 28 37 | 23°14'34 | 2♂ 3 | 14°30 | 10°45 | 9°26 | 20° 1 | 8°28 | 13°48 | 23°14 | 6°44 | 14°52 | 16°35 | 20°43 | 7°53 | M12 |
| T 13 | 9 32 34 | 24°15'19 | 17°11 | 16°10 | 11°56 | 9° 4 | 20°16 | 8°32 | 13°45 | 23°15 | 6°45 | 14°47 | 16°32 | 20°49 | 7°53 | T 13 |
| W14 | 9 36 31 | 25°16'02 | 2♂11 | 17°51 | 13° 6 | 8°44 | 20°30 | 8°35 | 13°43 | 23°15 | 6°47 | 14°44 | 16°29 | 20°56 | 7°54 | W14 |
| T 15 | 9 40 27 | 26°16'45 | 16°55 | 19°32 | 14°17 | 8°23 | 20°44 | 8°39 | 13°40 | 23°15 | 6°49 | 14°D43 | 16°26 | 21° 3 | 7°55 | T 15 |
| F 16 | 9 44 24 | 27°17'26 | 1♂18 | 21°14 | 15°28 | 8° 4 | 20°58 | 8°43 | 13°38 | 23°15 | 6°50 | 14°44 | 16°22 | 21° 9 | 7°55 | F 16 |
| S 17 | 9 48 20 | 28°18'07 | 15°18 | 22°58 | 16°38 | 7°45 | 21°13 | 8°47 | 13°35 | 23°16 | 6°52 | 14°45 | 16°19 | 21°16 | 7°56 | S 17 |
| S 18 | 9 52 17 | 29°18'46 | 28°55 | 24°42 | 17°49 | 7°26 | 21°27 | 8°51 | 13°33 | 23°16 | 6°54 | 14°R46 | 16°16 | 21°23 | 7°56 | S 18 |
| M19 | 9 56 13 | 0♂19'25 | 12♂12 | 26°26 | 19° 0 | 7° 8 | 21°41 | 8°56 | 13°30 | 23°16 | 6°55 | 14°45 | 16°13 | 21°29 | 7°56 | M19 |
| T 20 | 10 0 10 | 1°20'02 | 25° 9 | 28°12 | 20°12 | 6°51 | 21°55 | 9° 0 | 13°28 | 23°16 | 6°57 | 14°43 | 16°10 | 21°36 | 7°R56 | T 20 |
| W21 | 10 4 6 | 2°20'38 | 7♂51 | 29°59 | 21°23 | 6°35 | 22°10 | 9° 4 | 13°25 | 23°16 | 6°59 | 14°38 | 16° 7 | 21°43 | 7°56 | W21 |
| T 22 | 10 8 3 | 3°21'13 | 20°20 | 1♂46 | 22°34 | 6°19 | 22°24 | 9° 9 | 13°23 | 23°16 | 7° 0 | 14°32 | 16° 3 | 21°49 | 7°56 | T 22 |
| F 23 | 10 12 0 | 4°21'47 | 2≈37 | 3°34 | 23°45 | 6° 4 | 22°38 | 9°14 | 13°20 | 23°R16 | 7° 2 | 14°24 | 16° 0 | 21°56 | 7°56 | F 23 |
| S 24 | 10 15 56 | 5°22'19 | 14°45 | 5°24 | 24°57 | 5°50 | 22°52 | 9°18 | 13°18 | 23°16 | 7° 4 | 14°16 | 15°57 | 22° 3 | 7°55 | S 24 |
| S 25 | 10 19 53 | 6°22'50 | 26°45 | 7°14 | 26° 8 | 5°36 | 23° 6 | 9°23 | 13°15 | 23°16 | 7° 5 | 14° 9 | 15°54 | 22° 9 | 7°55 | S 25 |
| M26 | 10 23 49 | 7°23'19 | 8♂39 | 9° 4 | 27°20 | 5°23 | 23°20 | 9°28 | 13°13 | 23°16 | 7° 7 | 14° 3 | 15°51 | 22°16 | 7°54 | M26 |
| T 27 | 10 27 46 | 8°23'46 | 20°29 | 10°56 | 28°31 | 5°11 | 23°35 | 9°33 | 13°11 | 23°16 | 7° 9 | 13°59 | 15°47 | 22°23 | 7°53 | T 27 |
| W28 | 10 31 42 | 9♂24'12 | 2♂16 | 12♂48 | 29♂43 | 5♂ 0 | 23≈49 | 9♂38 | 13♂ 9 | 23♂16 | 7♂10 | 13♂56 | 15♂44 | 22♂29 | 7♂52 | W28 |

| Day | ☉ | ☽ | | ♀ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | |
|------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|------|------|------|-------|------|-----|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat |
| T 1 | 17s 9 | 3n 0 | 0n54 | 21s59 | 1s17 | 21s 1 | 2n22 | 21n 2 | 4n32 | 16s11 | 0s37 | 11n53 | 2s21 | 17n11 | 0n42 | 16s51 | 1n43 | 19s50 | 11s33 | 6s 8 | 6s44 | 1s57 | 13s49 | 0n13 | |
| F 2 | 16 51 | 6 38 | 0s 9 | 21 46 | 1 23 | 21 5 | 2 19 | 21 9 | 4 33 | 16 7 | 0 37 | 11 54 | 2 21 | 17 12 | 0 42 | 16 52 | 1 43 | 19 50 | 11 33 | 6 8 | 6 43 | 1 55 | 13 49 | 0 14 | |
| S 3 | 16 34 | 10 2 | 1 12 | 21 32 | 1 28 | 21 8 | 2 16 | 21 17 | 4 33 | 16 2 | 0 37 | 11 55 | 2 21 | 17 13 | 0 42 | 16 52 | 1 43 | 19 49 | 11 33 | 6 8 | 6 41 | 1 53 | 13 49 | 0 14 | |
| S 4 | 16 16 | 13 4 | 2 13 | 21 16 | 1 33 | 21 11 | 2 13 | 21 24 | 4 33 | 15 58 | 0 37 | 11 57 | 2 20 | 17 14 | 0 42 | 16 52 | 1 44 | 19 49 | 11 33 | 6 8 | 6 40 | 1 51 | 13 49 | 0 14 | |
| M 5 | 15 58 | 15 36 | 3 9 | 20 59 | 1 37 | 21 13 | 2 10 | 21 30 | 4 33 | 15 54 | 0 37 | 11 58 | 2 20 | 17 14 | 0 42 | 16 52 | 1 44 | 19 48 | 11 33 | 6 8 | 6 39 | 1 49 | 13 50 | 0 15 | |
| T 6 | 15 40 | 17 26 | 3 58 | 20 41 | 1 41 | 21 15 | 2 6 | 21 37 | 4 33 | 15 49 | 0 37 | 11 59 | 2 20 | 17 15 | 0 42 | 16 52 | 1 44 | 19 47 | 11 33 | 6 8 | 6 38 | 1 48 | 13 50 | 0 15 | |
| W 7 | 15 21 | 18 25 | 4 36 | 20 21 | 1 45 | 21 16 | 2 3 | 21 43 | 4 32 | 15 45 | 0 38 | 12 0 | 2 20 | 17 16 | 0 42 | 16 52 | 1 44 | 19 47 | 11 33 | 6 6 | 6 37 | 1 46 | 13 50 | 0 15 | |
| T 8 | 15 3 | 18 22 | 4 59 | 20 0 | 1 49 | 21 16 | 1 59 | 21 49 | 4 32 | 15 41 | 0 38 | 12 2 | 2 19 | 17 17 | 0 42 | 16 52 | 1 44 | 19 46 | 11 33 | 6 4 | 6 35 | 1 44 | 13 50 | 0 16 | |
| F 9 | 14 44 | 17 13 | 5 6 | 19 38 | 1 52 | 21 16 | 1 56 | 21 55 | 4 32 | 15 36 | 0 38 | 12 3 | 2 19 | 17 17 | 0 42 | 16 52 | 1 44 | 19 45 | 11 33 | 6 0 | 6 34 | 1 42 | 13 50 | 0 16 | |
| S 10 | 14 24 | 14 55 | 4 53 | 19 14 | 1 55 | 21 16 | 1 53 | 22 1 | 4 31 | 15 32 | 0 38 | 12 4 | 2 19 | 17 18 | 0 42 | 16 52 | 1 44 | 19 45 | 11 33 | 5 57 | 6 33 | 1 40 | 13 50 | 0 17 | |
| S 11 | 14 5 | 11 36 | 4 20 | 18 49 | 1 58 | 21 15 | 1 49 | 22 6 | 4 30 | 15 27 | 0 38 | 12 6 | 2 19 | 17 19 | 0 42 | 16 52 | 1 44 | 19 44 | 11 33 | 5 54 | 6 32 | 1 38 | 13 50 | 0 17 | |
| M 12 | 13 45 | 7 28 | 3 29 | 18 22 | 2 0 | 21 13 | 1 45 | 22 11 | 4 29 | 15 23 | 0 38 | 12 7 | 2 18 | 17 20 | 0 42 | 16 52 | 1 44 | 19 43 | 11 33 | 5 51 | 6 31 | 1 36 | 13 50 | 0 17 | |
| T 13 | 13 25 | 2 51 | 2 23 | 17 54 | 2 2 | 21 10 | 1 42 | 22 16 | 4 29 | 15 18 | 0 38 | 12 8 | 2 18 | 17 20 | 0 42 | 16 52 | 1 44 | 19 43 | 11 33 | 5 49 | 6 29 | 1 34 | 13 50 | 0 18 | |
| W 14 | 13 5 | 1s54 | 1 7 | 17 25 | 2 4 | 21 8 | 1 38 | 22 21 | 4 28 | 15 14 | 0 38 | 12 10 | 2 18 | 17 21 | 0 42 | 16 52 | 1 44 | 19 42 | 11 33 | 5 48 | 6 28 | 1 33 | 13 50 | 0 18 | |
| T 15 | 12 44 | 6 27 | 0n12 | 16 55 | 2 5 | 21 4 | 1 35 | 22 25 | 4 27 | 15 10 | 0 38 | 12 11 | 2 17 | 17 22 | 0 42 | 16 52 | 1 44 | 19 41 | 11 33 | 5 48 | 6 27 | 1 31 | 13 50 | 0 19 | |
| F 16 | 12 24 | 10 31 | 1 28 | 16 23 | 2 6 | 21 0 | 1 31 | 22 29 | 4 25 | 15 5 | 0 38 | 12 13 | 2 17 | 17 23 | 0 42 | 16 52 | 1 44 | 19 41 | 11 33 | 5 48 | 6 26 | 1 29 | 13 50 | 0 19 | |
| S 17 | 12 3 | 13 53 | 2 38 | 15 50 | 2 6 | 20 55 | 1 27 | 22 33 | 4 24 | 15 1 | 0 38 | 12 14 | 2 17 | 17 23 | 0 42 | 16 52 | 1 44 | 19 40 | 11 33 | 5 48 | 6 24 | 1 27 | 13 49 | 0 19 | |
| S 18 | 11 42 | 16 22 | 3 36 | 15 15 | 2 6 | 20 50 | 1 24 | 22 37 | 4 23 | 14 56 | 0 38 | 12 16 | 2 17 | 17 24 | 0 42 | 16 52 | 1 44 | 19 39 | 11 33 | 5 49 | 6 23 | 1 25 | 13 49 | 0 20 | |
| M 19 | 11 20 | 17 54 | 4 21 | 14 39 | 2 6 | 20 44 | 1 20 | 22 40 | 4 22 | 14 52 | 0 39 | 12 18 | 2 16 | 17 25 | 0 42 | 16 52 | 1 44 | 19 39 | 11 33 | 5 48 | 6 22 | 1 23 | 13 49 | 0 20 | |
| T 20 | 10 59 | 18 27 | 4 52 | 14 2 | 2 5 | 20 38 | 1 16 | 22 43 | 4 20 | 14 47 | 0 39 | 12 19 | 2 16 | 17 26 | 0 42 | 16 52 | 1 44 | 19 38 | 11 33 | 5 47 | 6 21 | 1 21 | 13 48 | 0 21 | |
| W 21 | 10 37 | 18 3 | 5 7 | 13 23 | 2 3 | 20 31 | 1 12 | 22 46 | 4 19 | 14 43 | 0 39 | 12 21 | 2 16 | 17 26 | 0 42 | 16 52 | 1 44 | 19 38 | 11 33 | 5 45 | 6 20 | 1 19 | 13 48 | 0 21 | |
| T 22 | 10 16 | 16 47 | 5 8 | 12 43 | 2 2 | 20 23 | 1 9 | 22 48 | 4 17 | 14 38 | 0 39 | 12 23 | 2 16 | 17 27 | 0 42 | 16 52 | 1 45 | 19 37 | 11 33 | 5 43 | 6 18 | 1 18 | 13 48 | 0 21 | |
| F 23 | 9 54 | 14 46 | 4 54 | 12 2 | 1 59 | 20 15 | 1 5 | 22 51 | 4 15 | 14 34 | 0 39 | 12 24 | 2 15 | 17 28 | 0 42 | 16 52 | 1 45 | 19 36 | 11 33 | 5 40 | 6 17 | 1 16 | 13 47 | 0 22 | |
| S 24 | 9 32 | 12 7 | 4 27 | 11 19 | 1 56 | 20 6 | 1 1 | 22 53 | 4 14 | 14 29 | 0 39 | 12 26 | 2 15 | 17 28 | 0 42 | 16 52 | 1 45 | 19 36 | 11 33 | 5 37 | 6 16 | 1 14 | 13 47 | 0 22 | |
| S 25 | 9 9 | 8 59 | 3 49 | 10 36 | 1 53 | 19 57 | 0 57 | 22 54 | 4 12 | 14 25 | 0 39 | 12 28 | 2 15 | 17 29 | 0 42 | 16 52 | 1 45 | 19 35 | 11 33 | 5 34 | 6 15 | 1 12 | 13 46 | 0 23 | |
| M 26 | 8 47 | 5 31 | 3 1 | 9 51 | 1 49 | 19 47 | 0 54 | 22 56 | 4 10 | 14 20 | 0 39 | 12 29 | 2 15 | 17 30 | 0 42 | 16 52 | 1 45 | 19 35 | 11 33 | 5 32 | 6 13 | 1 10 | 13 45 | 0 23 | |
| T 27 | 8 24 | 1 51 | 2 5 | 9 4 | 1 45 | 19 36 | 0 50 | 22 57 | 4 8 | 14 15 | 0 39 | 12 31 | 2 14 | 17 30 | 0 42 | 16 52 | 1 45 | 19 34 | 11 33 | 5 30 | 6 12 | 1 8 | 13 45 | 0 23 | |
| W 28 | 8s 2 | 1n52 | 1n 3 | 8s17 | 1s40 | 19s25 | 0n46 | 22n58 | 4n 6 | 14s11 | 0s39 | 12n33 | 2s14 | 17n31 | 0n42 | 16s52 | 1n45 | 19s33 | 11s33 | 5s29 | 6s11 | 1s 6 | 13s44 | 0n24 | |

ASTRODIENST EPHEMERIS for the year 2294
geocentric

MARCH 2294

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | ♈ | ♉ | Day |
|------|----------|-----------|-------|--------|-------|-------|-------|-------|--------|--------|-------|--------|-------|--------|-------|------|
| T 1 | 10 35 39 | 10♈24'36 | 14♉4 | 14♈41 | 0♈54 | 4°R49 | 24♈3 | 9♈43 | 13°R 6 | 23°R16 | 7♈12 | 13°D55 | 15♈41 | 22♈36 | 7°R51 | T 1 |
| F 2 | 10 39 35 | 11°24'58 | 25°54 | 16°34 | 2° 6 | 4♈40 | 24°17 | 9°48 | 13♈4 | 23♈16 | 7°14 | 13♈56 | 15°38 | 22°43 | 7♈50 | F 2 |
| S 3 | 10 43 32 | 12°25'19 | 7♈50 | 18°28 | 3°18 | 4°31 | 24°31 | 9°53 | 13° 2 | 23°15 | 7°15 | 13°57 | 15°35 | 22°49 | 7°49 | S 3 |
| S 4 | 10 47 28 | 13°25'37 | 19°57 | 20°22 | 4°30 | 4°23 | 24°45 | 9°59 | 13° 0 | 23°15 | 7°17 | 13°59 | 15°32 | 22°56 | 7°48 | S 4 |
| M 5 | 10 51 25 | 14°25'54 | 2♈18 | 22°17 | 5°42 | 4°16 | 24°58 | 10° 4 | 12°58 | 23°15 | 7°19 | 14° 1 | 15°28 | 23° 3 | 7°46 | M 5 |
| T 6 | 10 55 22 | 15°26'09 | 14°59 | 24°11 | 6°53 | 4° 9 | 25°12 | 10° 9 | 12°55 | 23°14 | 7°20 | 14°R 1 | 15°25 | 23° 9 | 7°45 | T 6 |
| W 7 | 10 59 18 | 16°26'21 | 28° 4 | 26° 5 | 8° 5 | 4° 4 | 25°26 | 10°15 | 12°53 | 23°14 | 7°22 | 14° 1 | 15°22 | 23°16 | 7°43 | W 7 |
| T 8 | 11 3 15 | 17°26'32 | 11♈35 | 27°58 | 9°17 | 3°59 | 25°40 | 10°21 | 12°51 | 23°14 | 7°24 | 13°59 | 15°19 | 23°23 | 7°41 | T 8 |
| F 9 | 11 7 11 | 18°26'40 | 25°35 | 29°51 | 10°29 | 3°55 | 25°54 | 10°26 | 12°49 | 23°13 | 7°25 | 13°56 | 15°16 | 23°29 | 7°39 | F 9 |
| S 10 | 11 11 8 | 19°26'47 | 10♈3 | 1°Y43 | 11°41 | 3°51 | 26° 8 | 10°32 | 12°47 | 23°13 | 7°27 | 13°53 | 15°12 | 23°36 | 7°37 | S 10 |
| S 11 | 11 15 4 | 20°26'51 | 24°54 | 3°33 | 12°54 | 3°49 | 26°21 | 10°38 | 12°45 | 23°12 | 7°29 | 13°49 | 15° 9 | 23°43 | 7°35 | S 11 |
| M12 | 11 19 1 | 21°26'53 | 10♈2 | 5°21 | 14° 6 | 3°47 | 26°35 | 10°44 | 12°44 | 23°12 | 7°30 | 13°47 | 15° 6 | 23°49 | 7°33 | M12 |
| T 13 | 11 22 57 | 22°26'54 | 25°17 | 7° 6 | 15°18 | 3°46 | 26°49 | 10°50 | 12°42 | 23°11 | 7°32 | 13°45 | 15° 3 | 23°56 | 7°31 | T 13 |
| W14 | 11 26 54 | 23°26'52 | 10♈30 | 8°49 | 16°30 | 3°D46 | 27° 2 | 10°56 | 12°40 | 23°10 | 7°34 | 13°D44 | 15° 0 | 24° 2 | 7°28 | W14 |
| T 15 | 11 30 51 | 24°26'49 | 25°30 | 10°28 | 17°42 | 3°46 | 27°16 | 11° 2 | 12°38 | 23°10 | 7°35 | 13°44 | 14°57 | 24° 9 | 7°26 | T 15 |
| F 16 | 11 34 47 | 25°26'44 | 10♈11 | 12° 3 | 18°55 | 3°48 | 27°29 | 11° 8 | 12°36 | 23° 9 | 7°37 | 13°45 | 14°53 | 24°16 | 7°23 | F 16 |
| S 17 | 11 38 44 | 26°26'37 | 24°27 | 13°34 | 20° 7 | 3°49 | 27°43 | 11°14 | 12°35 | 23° 8 | 7°39 | 13°46 | 14°50 | 24°22 | 7°21 | S 17 |
| S 18 | 11 42 40 | 27°26'29 | 8♈16 | 15° 0 | 21°19 | 3°52 | 27°56 | 11°20 | 12°33 | 23° 8 | 7°40 | 13°48 | 14°47 | 24°29 | 7°18 | S 18 |
| M19 | 11 46 37 | 28°26'19 | 21°40 | 16°21 | 22°32 | 3°55 | 28° 9 | 11°27 | 12°31 | 23° 7 | 7°42 | 13°48 | 14°44 | 24°36 | 7°15 | M19 |
| T 20 | 11 50 33 | 29°26'07 | 4♈40 | 17°36 | 23°44 | 3°59 | 28°23 | 11°33 | 12°30 | 23° 6 | 7°43 | 13°R48 | 14°41 | 24°42 | 7°12 | T 20 |
| W21 | 11 54 30 | 0°Y25'54 | 17°19 | 18°44 | 24°57 | 4° 4 | 28°36 | 11°39 | 12°28 | 23° 5 | 7°45 | 13°48 | 14°38 | 24°49 | 7° 9 | W21 |
| T 22 | 11 58 26 | 1°25'39 | 29°41 | 19°45 | 26° 9 | 4° 9 | 28°49 | 11°46 | 12°27 | 23° 5 | 7°46 | 13°47 | 14°34 | 24°56 | 7° 6 | T 22 |
| F 23 | 12 2 23 | 2°25'23 | 11♈49 | 20°40 | 27°22 | 4°15 | 29° 2 | 11°52 | 12°25 | 23° 4 | 7°48 | 13°45 | 14°31 | 25° 2 | 7° 2 | F 23 |
| S 24 | 12 6 20 | 3°25'04 | 23°48 | 21°26 | 28°34 | 4°22 | 29°15 | 11°59 | 12°24 | 23° 3 | 7°50 | 13°43 | 14°28 | 25° 9 | 6°59 | S 24 |
| S 25 | 12 10 16 | 4°24'44 | 5♈40 | 22° 6 | 29°47 | 4°29 | 29°28 | 12° 5 | 12°23 | 23° 2 | 7°51 | 13°42 | 14°25 | 25°16 | 6°56 | S 25 |
| M26 | 12 14 13 | 5°24'21 | 17°29 | 22°37 | 0♈59 | 4°37 | 29°41 | 12°12 | 12°21 | 23° 1 | 7°53 | 13°41 | 14°22 | 25°22 | 6°52 | M26 |
| T 27 | 12 18 9 | 6°23'57 | 29°16 | 23° 0 | 2°12 | 4°45 | 29°54 | 12°19 | 12°20 | 23° 0 | 7°54 | 13°40 | 14°18 | 25°29 | 6°49 | T 27 |
| W28 | 12 22 6 | 7°23'31 | 11♈5 | 23°16 | 3°25 | 4°54 | 0♈7 | 12°26 | 12°19 | 22°59 | 7°56 | 13°D40 | 14°15 | 25°36 | 6°45 | W28 |
| T 29 | 12 26 2 | 8°23'03 | 22°56 | 23°R23 | 4°37 | 5° 4 | 0°20 | 12°32 | 12°18 | 22°58 | 7°57 | 13°40 | 14°12 | 25°42 | 6°41 | T 29 |
| F 30 | 12 29 59 | 9°22'33 | 4♈53 | 23°23 | 5°50 | 5°14 | 0°32 | 12°39 | 12°17 | 22°57 | 7°59 | 13°40 | 14° 9 | 25°49 | 6°37 | F 30 |
| S 31 | 12 33 55 | 10°Y22'00 | 16♈58 | 23°Y15 | 7°Y 3 | 5♈25 | 0♈45 | 12♈46 | 12♈16 | 22♈56 | 8°Y 0 | 13♈41 | 14♈6 | 25°Y56 | 6♈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 | lat | lat |
| T 1 | 7s39 | 5n31 | 0s 1 | 7s28 | 1s34 | 19s14 | 0n42 | 22n59 | 4n 4 | 14s 6 | 0s40 | 12n35 | 2s14 | 17n32 | 0n42 | 16s52 | 1n45 | 19s33 | 11s33 | 5s29 | 6s10 | 1s 4 | 13s43 | 0n24 |
| F 2 | 7 16 | 8 58 | 1 5 | 6 39 | 1 28 | 19 2 | 0 39 | 22 59 | 4 2 | 14 2 | 0 40 | 12 37 | 2 14 | 17 32 | 0 42 | 16 52 | 1 45 | 19 32 | 11 33 | 5 29 | 6 9 | 1 3 | 13 43 | 0 25 |
| S 3 | 6 53 | 12 5 | 2 7 | 5 48 | 1 21 | 18 49 | 0 35 | 22 59 | 4 0 | 13 57 | 0 40 | 12 38 | 2 14 | 17 33 | 0 42 | 16 52 | 1 45 | 19 32 | 11 33 | 5 30 | 6 7 | 1 1 | 13 42 | 0 25 |
| S 4 | 6 30 | 14 43 | 3 5 | 4 56 | 1 14 | 18 36 | 0 31 | 22 59 | 3 58 | 13 53 | 0 40 | 12 40 | 2 13 | 17 33 | 0 42 | 16 51 | 1 45 | 19 31 | 11 33 | 5 31 | 6 6 | 0 59 | 13 41 | 0 26 |
| M 5 | 6 7 | 16 45 | 3 55 | 4 4 | 1 6 | 18 22 | 0 28 | 22 59 | 3 56 | 13 48 | 0 40 | 12 42 | 2 13 | 17 34 | 0 42 | 16 51 | 1 45 | 19 30 | 11 33 | 5 31 | 6 5 | 0 57 | 13 40 | 0 26 |
| T 6 | 5 44 | 18 0 | 4 35 | 3 11 | 0 57 | 18 8 | 0 24 | 22 59 | 3 54 | 13 44 | 0 40 | 12 44 | 2 13 | 17 35 | 0 42 | 16 51 | 1 45 | 19 30 | 11 33 | 5 31 | 6 4 | 0 55 | 13 39 | 0 26 |
| W 7 | 5 21 | 18 20 | 5 3 | 2 18 | 0 48 | 17 53 | 0 20 | 22 58 | 3 52 | 13 39 | 0 40 | 12 46 | 2 13 | 17 35 | 0 42 | 16 51 | 1 45 | 19 29 | 11 34 | 5 31 | 6 2 | 0 53 | 13 38 | 0 27 |
| T 8 | 4 57 | 17 40 | 5 14 | 1 24 | 0 38 | 17 38 | 0 17 | 22 57 | 3 50 | 13 35 | 0 40 | 12 48 | 2 12 | 17 36 | 0 42 | 16 51 | 1 45 | 19 29 | 11 34 | 5 30 | 6 1 | 0 51 | 13 37 | 0 27 |
| F 9 | 4 34 | 15 56 | 5 8 | 0 29 | 0 28 | 17 22 | 0 13 | 22 56 | 3 48 | 13 30 | 0 40 | 12 50 | 2 12 | 17 36 | 0 42 | 16 51 | 1 45 | 19 28 | 11 34 | 5 29 | 6 0 | 0 49 | 13 36 | 0 28 |
| S 10 | 4 10 | 13 9 | 4 43 | 0n25 | 0 17 | 17 6 | 0 10 | 22 55 | 3 46 | 13 25 | 0 41 | 12 52 | 2 12 | 17 37 | 0 42 | 16 51 | 1 45 | 19 28 | 11 34 | 5 28 | 5 59 | 0 48 | 13 35 | 0 28 |
| S 11 | 3 47 | 9 28 | 3 58 | 1 19 | 0 6 | 16 49 | 0 6 | 22 53 | 3 44 | 13 21 | 0 41 | 12 54 | 2 12 | 17 37 | 0 42 | 16 50 | 1 46 | 19 27 | 11 34 | 5 27 | 5 58 | 0 46 | 13 34 | 0 28 |
| M12 | 3 23 | 5 5 | 2 56 | 2 13 | 0n 6 | 16 32 | 0 3 | 22 51 | 3 41 | 13 16 | 0 41 | 12 56 | 2 12 | 17 38 | 0 42 | 16 50 | 1 46 | 19 27 | 11 34 | 5 26 | 5 56 | 0 44 | 13 33 | 0 29 |
| T 13 | 3 0 | 0 20 | 1 40 | 3 6 | 0 18 | 16 14 | 0s 1 | 22 50 | 3 39 | 13 12 | 0 41 | 12 58 | 2 11 | 17 38 | 0 42 | 16 50 | 1 46 | 19 26 | 11 34 | 5 25 | 5 55 | 0 42 | 13 32 | 0 29 |
| W14 | 2 36 | 4s25 | 0 18 | 3 58 | 0 31 | 15 56 | 0 4 | 22 48 | 3 37 | 13 7 | 0 41 | 13 0 | 2 11 | 17 39 | 0 42 | 16 50 | 1 46 | 19 26 | 11 34 | 5 25 | 5 54 | 0 40 | 13 31 | 0 30 |
| T 15 | 2 12 | 8 50 | 1n 5 | 4 49 | 0 44 | 15 37 | 0 7 | 22 45 | 3 35 | 13 3 | 0 41 | 13 2 | 2 11 | 17 39 | 0 42 | 16 50 | 1 46 | 19 25 | 11 34 | 5 25 | 5 53 | 0 38 | 13 30 | 0 30 |
| F 16 | 1 48 | 12 37 | 2 21 | 5 38 | 0 57 | 15 18 | 0 11 | 22 43 | 3 33 | 12 58 | 0 41 | 13 4 | 2 11 | 17 40 | 0 42 | 16 49 | 1 46 | 19 25 | 11 34 | 5 25 | 5 51 | 0 36 | 13 28 | 0 31 |
| S 17 | 1 25 | 15 30 | 3 27 | 6 25 | 1 10 | 14 58 | 0 14 | 22 40 | 3 31 | 12 54 | 0 41 | 13 6 | 2 11 | 17 40 | 0 42 | 16 49 | 1 46 | 19 24 | 11 35 | 5 26 | 5 50 | 0 35 | 13 27 | 0 31 |
| S 18 | 1 1 | 17 24 | 4 18 | 7 11 | 1 23 | 14 39 | 0 17 | 22 38 | 3 28 | 12 49 | 0 42 | 13 8 | 2 10 | 17 41 | 0 42 | 16 49 | 1 46 | 19 24 | 11 35 | 5 26 | 5 49 | 0 33 | 13 26 | 0 31 |
| M19 | 0 37 | 18 15 | 4 54 | 7 54 | 1 36 | 14 18 | 0 20 | 22 35 | 3 26 | 12 45 | 0 42 | 13 10 | 2 10 | 17 41 | 0 42 | 16 49 | 1 46 | 19 23 | 11 35 | 5 26 | 5 48 | 0 31 | 13 24 | 0 32 |
| T 20 | 0 13 | 18 6 | 5 13 | 8 35 | 1 49 | 13 57 | 0 24 | 22 32 | 3 24 | 12 40 | 0 42 | 13 12 | 2 10 | 17 41 | 0 42 | 16 48 | 1 46 | 19 23 | 11 35 | 5 26 | 5 47 | 0 29 | 13 23 | 0 32 |
| W21 | 0n10 | 17 3 | 5 16 | 9 12 | 2 2 | 13 36 | 0 27 | 22 29 | 3 22 | 12 36 | 0 42 | 13 15 | 2 10 | 17 42 | 0 42 | 16 48 | 1 46 | 19 22 | 11 35 | 5 26 | 5 45 | 0 27 | 13 22 | 0 33 |
| T 22 | 0 34 | 15 13 | 5 5 | 9 47 | 2 14 | 13 15 | 0 30 | 22 25 | 3 20 | 12 31 | 0 42 | 13 17 | 2 10 | 17 42 | 0 42 | 16 48 | 1 46 | 19 22 | 11 35 | 5 26 | 5 44 | 0 25 | 13 20 | 0 33 |
| F 23 | 0 58 | 12 44 | 4 40 | 10 18 | 2 25 | 12 53 | 0 33 | 22 22 | 3 18 | 12 27 | 0 42 | 13 19 | 2 10 | 17 43 | 0 42 | 16 48 | 1 46 | 19 21 | 11 36 | 5 25 | 5 43 | 0 23 | 13 19 | 0 34 |
| S 24 | 1 21 | 9 44 | 4 3 | 10 46 | 2 36 | 12 30 | 0 36 | 22 18 | 3 16 | 12 23 | 0 42 | 13 21 | 2 9 | 17 43 | 0 42 | 16 47 | 1 46 | 19 21 | 11 36 | 5 24 | 5 42 | 0 21 | 13 17 | 0 34 |
| S 25 | 1 45 | 6 23 | 3 16 | 11 10 | 2 46 | 12 8 | 0 38 | 22 14 | 3 14 | 12 18 | 0 43 | 13 23 | 2 9 | 17 43 | 0 42 | 16 47 | 1 46 | 19 20 | 11 36 | 5 24 | 5 40 | 0 20 | 13 16 | 0 34 |
| M26 | 2 9 | 2 47 | 2 20 | 11 30 | 2 55 | 11 45 | 0 41 | 22 10 | 3 11 | 12 14 | 0 43 | 13 25 | 2 9 | 17 44 | 0 41 | 16 47 | 1 46 | 19 20 | 11 36 | 5 23 | 5 39 | 0 18 | 13 14 | 0 35 |
| T 27 | 2 32 | 0n55 | 1 19 | 11 46 | 3 3 | 11 22 | 0 44 | 22 6 | 3 9 | 12 9 | 0 43 | 13 28 | 2 9 | 17 44 | 0 41 | 16 47 | 1 46 | 19 20 | 11 36 | 5 23 | 5 38 | 0 16 | 13 13 | 0 35 |
| W28 | 2 56 | 4 36 | 0 14 | 11 58 | 3 10 | 10 58 | 0 47 | 22 2 | 3 7 | 12 5 | 0 43 | 13 30 | 2 9 | 17 44 | 0 41 | 16 46 | 1 46 | 19 19 | 11 36 | 5 23 | 5 37 | 0 14 | 13 11 | 0 36 |
| T 29 | 3 19 | 8 6 | 0s51 | 12 6 | 3 15 | 10 34 | 0 49 | 21 58 | 3 5 | 12 1 | 0 43 | 13 32 | 2 9 | 17 45 | 0 41 | 16 46 | 1 46 | 19 19 | 11 37 | 5 23 | 5 35 | 0 12 | 13 9 | 0 36 |
| F 30 | 3 43 | 11 19 | 1 55 | 12 9 | 3 19 | 10 10 | 0 52 | 21 53 | 3 3 | 11 56 | 0 43 | 13 34 | 2 8 | 17 45 | 0 41 | 16 46 | 1 46 | 19 18 | 11 37 | 5 23 | 5 34 | 0 10 | 13 8 | 0 36 |
| S 31 | 4n 6 | 14n 5 | 2s55 | 12n 9 | 3n22 | 9s45 | 0s55 | 21n49 | 3n 1 | 11s52 | 0s43 | 13n36 | 2s 8 | 17n45 | 0n41 | 16s45 | 1n46 | 19s18 | 11s37 | 5s23 | 5s33 | 0s 8 | 13s 6 | 0n37 |

ASTRODIENST EPHEMERIS for the year 2294

geocentric

APRIL 2294

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|----------|-------|--------|--------|-------|------|-------|--------|--------|------|--------|-------|-------|-------|------|
| S 1 | 12 37 52 | 11°21'26 | 29°12 | 23°R 0 | 8°16 | 5°36 | 0°58 | 12°53 | 12°R15 | 22°R55 | 8°12 | 13°41 | 14°43 | 26°12 | 6°R30 | S 1 |
| M 2 | 12 41 48 | 12°20'49 | 11°11 | 22°Y38 | 9°28 | 5°48 | 1°10 | 13° 0 | 12°14 | 22°M54 | 8° 3 | 13°41 | 13°59 | 26° 9 | 6°M26 | M 2 |
| T 3 | 12 45 45 | 13°20'10 | 24°24 | 22° 9 | 10°41 | 6° 1 | 1°23 | 13° 7 | 12°13 | 22°52 | 8° 4 | 13°41 | 13°56 | 26°16 | 6°22 | T 3 |
| W 4 | 12 49 42 | 14°19'29 | 7°27 | 21°36 | 11°54 | 6°14 | 1°35 | 13°14 | 12°12 | 22°51 | 8° 6 | 13°41 | 13°53 | 26°22 | 6°18 | W 4 |
| T 5 | 12 53 38 | 15°18'45 | 20°52 | 20°57 | 13° 7 | 6°27 | 1°47 | 13°21 | 12°11 | 22°50 | 8° 7 | 13°41 | 13°50 | 26°29 | 6°13 | T 5 |
| F 6 | 12 57 35 | 16°17'59 | 4°11 | 20°15 | 14°19 | 6°41 | 2° 0 | 13°28 | 12°11 | 22°49 | 8° 9 | 13°41 | 13°47 | 26°35 | 6° 9 | F 6 |
| S 7 | 13 1 31 | 17°17'11 | 18°53 | 19°29 | 15°32 | 6°55 | 2°12 | 13°36 | 12°10 | 22°48 | 8°10 | 13°42 | 13°43 | 26°42 | 6° 5 | S 7 |
| S 8 | 13 5 28 | 18°16'20 | 3°17 | 18°42 | 16°45 | 7°10 | 2°24 | 13°43 | 12° 9 | 22°46 | 8°11 | 13°42 | 13°40 | 26°49 | 6° 1 | S 8 |
| M 9 | 13 9 24 | 19°15'27 | 18°19 | 17°53 | 17°58 | 7°26 | 2°36 | 13°50 | 12° 9 | 22°45 | 8°13 | 13°42 | 13°37 | 26°55 | 5°56 | M 9 |
| T 10 | 13 13 21 | 20°14'32 | 3°23 | 17° 5 | 19°11 | 7°41 | 2°48 | 13°57 | 12° 8 | 22°44 | 8°14 | 13°43 | 13°34 | 27° 2 | 5°52 | T 10 |
| W11 | 13 17 17 | 21°13'35 | 18°30 | 16°17 | 20°24 | 7°58 | 2°59 | 14° 5 | 12° 8 | 22°42 | 8°15 | 13°R43 | 13°31 | 27° 9 | 5°47 | W11 |
| T 12 | 13 21 14 | 22°12'35 | 3°11 | 15°31 | 21°36 | 8°14 | 3°11 | 14°12 | 12° 7 | 22°41 | 8°17 | 13°43 | 13°28 | 27°15 | 5°43 | T 12 |
| F 13 | 13 25 11 | 23°11'34 | 18°18 | 14°47 | 22°49 | 8°31 | 3°23 | 14°19 | 12° 7 | 22°40 | 8°18 | 13°42 | 13°24 | 27°22 | 5°38 | F 13 |
| S 14 | 13 29 7 | 24°10'31 | 2°44 | 14° 7 | 24° 2 | 8°49 | 3°34 | 14°27 | 12° 7 | 22°38 | 8°19 | 13°41 | 13°21 | 27°29 | 5°34 | S 14 |
| S 15 | 13 33 4 | 25° 9'26 | 16°45 | 13°30 | 25°15 | 9° 7 | 3°46 | 14°34 | 12° 6 | 22°37 | 8°21 | 13°39 | 13°18 | 27°35 | 5°29 | S 15 |
| M16 | 13 37 0 | 26° 8'20 | 0°18 | 12°58 | 26°28 | 9°25 | 3°57 | 14°42 | 12° 6 | 22°36 | 8°22 | 13°38 | 13°15 | 27°42 | 5°25 | M16 |
| T 17 | 13 40 57 | 27° 7'12 | 13°25 | 12°30 | 27°41 | 9°44 | 4° 8 | 14°49 | 12° 6 | 22°34 | 8°23 | 13°37 | 13°12 | 27°49 | 5°20 | T 17 |
| W18 | 13 44 53 | 28° 6'01 | 26° 8 | 12° 7 | 28°54 | 10° 3 | 4°20 | 14°57 | 12° 6 | 22°33 | 8°24 | 13°D36 | 13° 9 | 27°55 | 5°15 | W18 |
| T 19 | 13 48 50 | 29° 4'50 | 8°31 | 11°50 | 0°Y 7 | 10°22 | 4°31 | 15° 4 | 12°D 6 | 22°31 | 8°25 | 13°37 | 13° 5 | 28° 2 | 5°11 | T 19 |
| F 20 | 13 52 46 | 0° 3'36 | 20°38 | 11°37 | 1°20 | 10°42 | 4°42 | 15°12 | 12° 6 | 22°30 | 8°26 | 13°38 | 13° 2 | 28° 9 | 5° 6 | F 20 |
| S 21 | 13 56 43 | 1° 2'21 | 2°13 | 11°30 | 2°33 | 11° 2 | 4°53 | 15°19 | 12° 6 | 22°28 | 8°28 | 13°39 | 12°59 | 28°15 | 5° 1 | S 21 |
| S 22 | 14 0 40 | 2° 1'04 | 14°22 | 11°D28 | 3°46 | 11°22 | 5° 4 | 15°27 | 12° 6 | 22°27 | 8°29 | 13°40 | 12°56 | 28°22 | 4°57 | S 22 |
| M23 | 14 4 36 | 2°59'45 | 26° 9 | 11°31 | 4°59 | 11°43 | 5°14 | 15°34 | 12° 6 | 22°25 | 8°30 | 13°42 | 12°53 | 28°28 | 4°52 | M23 |
| T 24 | 14 8 33 | 3°58'25 | 7°Y57 | 11°40 | 6°12 | 12° 4 | 5°25 | 15°42 | 12° 6 | 22°24 | 8°31 | 13°R43 | 12°49 | 28°35 | 4°47 | T 24 |
| W25 | 14 12 29 | 4°57'02 | 19°49 | 11°53 | 7°25 | 12°26 | 5°35 | 15°50 | 12° 7 | 22°22 | 8°32 | 13°43 | 12°46 | 28°42 | 4°42 | W25 |
| T 26 | 14 16 26 | 5°55'38 | 1°48 | 12°11 | 8°38 | 12°48 | 5°46 | 15°57 | 12° 7 | 22°21 | 8°33 | 13°42 | 12°43 | 28°48 | 4°38 | T 26 |
| F 27 | 14 20 22 | 6°54'12 | 13°56 | 12°33 | 9°51 | 13°10 | 5°56 | 16° 5 | 12° 7 | 22°19 | 8°34 | 13°39 | 12°40 | 28°55 | 4°33 | F 27 |
| S 28 | 14 24 19 | 7°52'44 | 26°14 | 13° 0 | 11° 4 | 13°32 | 6° 6 | 16°12 | 12° 8 | 22°18 | 8°35 | 13°36 | 12°37 | 29° 2 | 4°28 | S 28 |
| S 29 | 14 28 15 | 8°51'14 | 8°11 | 13°32 | 12°17 | 13°55 | 6°16 | 16°20 | 12° 8 | 22°16 | 8°36 | 13°32 | 12°34 | 29° 8 | 4°23 | S 29 |
| M30 | 14 32 12 | 9°49'42 | 21°11 | 14°Y 7 | 13°Y30 | 14°18 | 6°16 | 16°28 | 12° 9 | 22°15 | 8°37 | 13°28 | 12°30 | 29°15 | 4°19 | M30 |

| Day | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|-------|-------|------|-------|------|------|------|-------|------|-------|------|-------|------|-------|------|------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | |
| S 1 | 4n29 | 16n15 | 3s47 | 12n 4 | 3n23 | 9s20 | 0s57 | 21n44 | 2n59 | 11s48 | 0s44 | 13n39 | 2s 8 | 17n45 | 0n41 | S 1 |
| M 2 | 4 52 | 17 41 | 4 30 | 11 55 | 3 22 | 8 55 | 0 59 | 21 39 | 2 57 | 11 43 | 0 44 | 13 41 | 2 8 | 17 46 | 0 41 | M 2 |
| T 3 | 5 15 | 18 17 | 5 0 | 11 42 | 3 20 | 8 30 | 1 2 | 21 34 | 2 55 | 11 39 | 0 44 | 13 43 | 2 8 | 17 46 | 0 41 | T 3 |
| W 4 | 5 38 | 17 56 | 5 16 | 11 25 | 3 15 | 8 4 | 1 4 | 21 29 | 2 53 | 11 35 | 0 44 | 13 45 | 2 8 | 17 46 | 0 41 | W 4 |
| T 5 | 6 1 | 16 35 | 5 16 | 11 5 | 3 9 | 7 39 | 1 6 | 21 24 | 2 51 | 11 31 | 0 44 | 13 47 | 2 8 | 17 46 | 0 41 | T 5 |
| F 6 | 6 24 | 14 15 | 4 57 | 10 42 | 3 2 | 7 13 | 1 8 | 21 18 | 2 49 | 11 26 | 0 44 | 13 50 | 2 7 | 17 46 | 0 41 | F 6 |
| S 7 | 6 47 | 11 1 | 4 20 | 10 17 | 2 53 | 6 46 | 1 10 | 21 13 | 2 48 | 11 22 | 0 44 | 13 52 | 2 7 | 17 47 | 0 41 | S 7 |
| S 8 | 7 9 | 7 1 | 3 26 | 9 49 | 2 42 | 6 20 | 1 12 | 21 7 | 2 46 | 11 18 | 0 45 | 13 54 | 2 7 | 17 47 | 0 41 | S 8 |
| M 9 | 7 32 | 2 31 | 2 17 | 9 19 | 2 30 | 5 53 | 1 14 | 21 1 | 2 44 | 11 14 | 0 45 | 13 56 | 2 7 | 17 47 | 0 41 | M 9 |
| T 10 | 7 54 | 2s13 | 0 57 | 8 48 | 2 17 | 5 27 | 1 16 | 20 55 | 2 42 | 11 10 | 0 45 | 13 59 | 2 7 | 17 47 | 0 41 | T 10 |
| W11 | 8 16 | 6 50 | 0n27 | 8 16 | 2 2 | 5 0 | 1 18 | 20 49 | 2 40 | 11 6 | 0 45 | 14 1 | 2 7 | 17 47 | 0 41 | W11 |
| T 12 | 8 38 | 10 59 | 1 48 | 7 45 | 1 47 | 4 33 | 1 20 | 20 43 | 2 38 | 11 1 | 0 45 | 14 3 | 2 7 | 17 47 | 0 41 | T 12 |
| F 13 | 9 0 | 14 21 | 3 1 | 7 13 | 1 32 | 4 5 | 1 21 | 20 37 | 2 37 | 10 57 | 0 46 | 14 6 | 2 7 | 17 47 | 0 41 | F 13 |
| S 14 | 9 22 | 16 45 | 4 0 | 6 43 | 1 15 | 3 38 | 1 23 | 20 31 | 2 35 | 10 53 | 0 46 | 14 8 | 2 7 | 17 47 | 0 41 | S 14 |
| S 15 | 9 43 | 18 3 | 4 43 | 6 13 | 0 59 | 3 10 | 1 24 | 20 24 | 2 33 | 10 49 | 0 46 | 14 10 | 2 6 | 17 47 | 0 41 | S 15 |
| M16 | 10 5 | 18 15 | 5 9 | 5 46 | 0 42 | 2 43 | 1 26 | 20 18 | 2 31 | 10 45 | 0 46 | 14 12 | 2 6 | 17 47 | 0 41 | M16 |
| T 17 | 10 26 | 17 28 | 5 17 | 5 20 | 0 26 | 2 15 | 1 27 | 20 11 | 2 30 | 10 42 | 0 46 | 14 15 | 2 6 | 17 47 | 0 41 | T 17 |
| W18 | 10 47 | 15 49 | 5 10 | 4 56 | 0 10 | 1 47 | 1 28 | 20 4 | 2 28 | 10 38 | 0 46 | 14 17 | 2 6 | 17 47 | 0 41 | W18 |
| T 19 | 11 8 | 13 28 | 4 48 | 4 34 | 0s 6 | 1 19 | 1 30 | 19 57 | 2 26 | 10 34 | 0 47 | 14 19 | 2 6 | 17 47 | 0 41 | T 19 |
| F 20 | 11 28 | 10 35 | 4 14 | 4 15 | 0 22 | 0 51 | 1 31 | 19 50 | 2 24 | 10 30 | 0 47 | 14 21 | 2 6 | 17 47 | 0 41 | F 20 |
| S 21 | 11 49 | 7 18 | 3 29 | 3 59 | 0 37 | 0 23 | 1 32 | 19 43 | 2 23 | 10 26 | 0 47 | 14 24 | 2 6 | 17 47 | 0 41 | S 21 |
| S 22 | 12 9 | 3 45 | 2 35 | 3 45 | 0 51 | 0n 5 | 1 33 | 19 36 | 2 21 | 10 22 | 0 47 | 14 26 | 2 6 | 17 47 | 0 41 | S 22 |
| M23 | 12 29 | 0 4 | 1 36 | 3 33 | 1 5 | 0 33 | 1 34 | 19 28 | 2 19 | 10 19 | 0 47 | 14 28 | 2 6 | 17 47 | 0 41 | M23 |
| T 24 | 12 49 | 3n38 | 0 32 | 3 25 | 1 18 | 1 1 | 1 34 | 19 21 | 2 18 | 10 15 | 0 48 | 14 30 | 2 6 | 17 47 | 0 41 | T 24 |
| W25 | 13 9 | 7 13 | 0s34 | 3 19 | 1 30 | 1 29 | 1 35 | 19 13 | 2 16 | 10 11 | 0 48 | 14 33 | 2 6 | 17 47 | 0 41 | W25 |
| T 26 | 13 28 | 10 33 | 1 38 | 3 15 | 1 41 | 1 57 | 1 36 | 19 6 | 2 15 | 10 8 | 0 48 | 14 35 | 2 6 | 17 47 | 0 41 | T 26 |
| F 27 | 13 48 | 13 28 | 2 39 | 3 14 | 1 52 | 2 25 | 1 36 | 18 58 | 2 13 | 10 4 | 0 48 | 14 37 | 2 5 | 17 47 | 0 41 | F 27 |
| S 28 | 14 7 | 15 49 | 3 33 | 3 15 | 2 2 | 2 53 | 1 37 | 18 50 | 2 12 | 10 0 | 0 48 | 14 39 | 2 5 | 17 47 | 0 40 | S 28 |
| S 29 | 14 26 | 17 28 | 4 18 | 3 19 | 2 11 | 3 21 | 1 37 | 18 42 | 2 10 | 9 57 | 0 49 | 14 42 | 2 5 | 17 46 | 0 40 | S 29 |
| M30 | 14n44 | 18n17 | 4s51 | 3n25 | 2s20 | 3n49 | 1s38 | 18n34 | 2n 8 | 9s53 | 0s49 | 14n44 | 2s 5 | 17n46 | 0n40 | M30 |

Julian Day Number = 2559016.5, Delta T = 287.11 sec
 Ecliptic obliquity = 23°23'55, Nutation = 0°00'04, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 28°51'11, Lahiri = 27°58'12

ASTRODIENST EPHEMERIS for the year 2294

geocentric

MAY 2294

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|----------|-------|-------|-------|-------|-------|-------|-------|---------|------|--------|-------|-------|-------|------|
| T 1 | 14 36 8 | 10♂48'08 | 4♂23 | 14♀46 | 14♀43 | 14♂41 | 6♂36 | 16♂35 | 12♂9 | 22♂R13 | 8♂38 | 13♂R24 | 12♂27 | 29♂22 | 4♂R14 | T 1 |
| W 2 | 14 40 5 | 11°46'32 | 17°35 | 15°29 | 15°56 | 15° 5 | 6°46 | 16°43 | 12°10 | 22♂M.11 | 8°39 | 13♂21 | 12°24 | 29°28 | 4♂M.9 | W 2 |
| T 3 | 14 44 2 | 12°44'54 | 1♂2 | 16°15 | 17° 9 | 15°29 | 6°55 | 16°51 | 12°11 | 22°10 | 8°40 | 13°19 | 12°21 | 29°35 | 4° 5 | T 3 |
| F 4 | 14 47 58 | 13°43'14 | 14°45 | 17° 5 | 18°22 | 15°53 | 7° 5 | 16°59 | 12°12 | 22° 8 | 8°41 | 13°D19 | 12°18 | 29°42 | 4° 0 | F 4 |
| S 5 | 14 51 55 | 14°41'32 | 28°46 | 17°58 | 19°36 | 16°17 | 7°14 | 17° 6 | 12°12 | 22° 7 | 8°41 | 13°19 | 12°15 | 29°48 | 3°56 | S 5 |
| S 6 | 14 55 51 | 15°39'47 | 13♂2 | 18°55 | 20°49 | 16°42 | 7°24 | 17°14 | 12°13 | 22° 5 | 8°42 | 13°20 | 12°11 | 29°55 | 3°51 | S 6 |
| M 7 | 14 59 48 | 16°38'01 | 27°33 | 19°54 | 22° 2 | 17° 7 | 7°33 | 17°22 | 12°14 | 22° 3 | 8°43 | 13°22 | 12° 8 | 0♀2 | 3°46 | M 7 |
| T 8 | 15 3 44 | 17°36'12 | 12♂15 | 20°56 | 23°15 | 17°32 | 7°42 | 17°29 | 12°15 | 22° 2 | 8°44 | 13°R23 | 12° 5 | 0° 8 | 3°42 | T 8 |
| W 9 | 15 7 41 | 18°34'22 | 27° 2 | 22° 1 | 24°28 | 17°57 | 7°51 | 17°37 | 12°16 | 22° 0 | 8°45 | 13°22 | 12° 2 | 0°15 | 3°37 | W 9 |
| T 10 | 15 11 37 | 19°32'30 | 11♂47 | 23° 9 | 25°41 | 18°23 | 7°59 | 17°45 | 12°17 | 21°58 | 8°45 | 13°20 | 11°59 | 0°22 | 3°33 | T 10 |
| F 11 | 15 15 34 | 20°30'36 | 26°25 | 24°19 | 26°54 | 18°49 | 8° 8 | 17°53 | 12°18 | 21°57 | 8°46 | 13°16 | 11°55 | 0°28 | 3°29 | F 11 |
| S 12 | 15 19 31 | 21°28'41 | 10♂47 | 25°32 | 28° 7 | 19°15 | 8°17 | 18° 0 | 12°20 | 21°55 | 8°47 | 13°10 | 11°52 | 0°35 | 3°24 | S 12 |
| S 13 | 15 23 27 | 22°26'44 | 24°48 | 26°47 | 29°20 | 19°41 | 8°25 | 18° 8 | 12°21 | 21°53 | 8°47 | 13° 4 | 11°49 | 0°41 | 3°20 | S 13 |
| M14 | 15 27 24 | 23°24'45 | 8♂24 | 28° 5 | 0♂33 | 20° 8 | 8°33 | 18°16 | 12°22 | 21°52 | 8°48 | 12°58 | 11°46 | 0°48 | 3°16 | M14 |
| T 15 | 15 31 20 | 24°22'45 | 21°35 | 29°25 | 1°46 | 20°34 | 8°41 | 18°23 | 12°23 | 21°50 | 8°49 | 12°53 | 11°43 | 0°55 | 3°12 | T 15 |
| W16 | 15 35 17 | 25°20'44 | 4♂22 | 0♂47 | 3° 0 | 21° 1 | 8°49 | 18°31 | 12°25 | 21°49 | 8°49 | 12°49 | 11°40 | 1° 1 | 3° 7 | W16 |
| T 17 | 15 39 13 | 26°18'42 | 16°47 | 2°12 | 4°13 | 21°28 | 8°57 | 18°39 | 12°26 | 21°47 | 8°50 | 12°47 | 11°36 | 1° 8 | 3° 3 | T 17 |
| F 18 | 15 43 10 | 27°16'38 | 28°56 | 3°39 | 5°26 | 21°56 | 9° 5 | 18°46 | 12°28 | 21°45 | 8°50 | 12°D46 | 11°33 | 1°15 | 2°59 | F 18 |
| S 19 | 15 47 6 | 28°14'32 | 10♂52 | 5° 8 | 6°39 | 22°23 | 9°12 | 18°54 | 12°29 | 21°44 | 8°51 | 12°47 | 11°30 | 1°21 | 2°55 | S 19 |
| S 20 | 15 51 3 | 29°12'26 | 22°41 | 6°39 | 7°52 | 22°51 | 9°20 | 19° 2 | 12°31 | 21°42 | 8°51 | 12°48 | 11°27 | 1°28 | 2°52 | S 20 |
| M21 | 15 55 0 | 0♂10'18 | 4♀28 | 8°13 | 9° 5 | 23°19 | 9°27 | 19° 9 | 12°32 | 21°41 | 8°52 | 12°49 | 11°24 | 1°35 | 2°48 | M21 |
| T 22 | 15 58 56 | 1° 8'09 | 16°19 | 9°49 | 10°18 | 23°47 | 9°34 | 19°17 | 12°34 | 21°39 | 8°52 | 12°R50 | 11°21 | 1°41 | 2°44 | T 22 |
| W23 | 16 2 53 | 2° 5'59 | 28°16 | 11°26 | 11°32 | 24°15 | 9°41 | 19°25 | 12°36 | 21°37 | 8°53 | 12°48 | 11°17 | 1°48 | 2°40 | W23 |
| T 24 | 16 6 49 | 3° 3'48 | 10♂23 | 13° 6 | 12°45 | 24°43 | 9°48 | 19°32 | 12°38 | 21°36 | 8°53 | 12°45 | 11°14 | 1°55 | 2°37 | T 24 |
| F 25 | 16 10 46 | 4° 1'35 | 22°44 | 14°48 | 13°58 | 25°12 | 9°54 | 19°40 | 12°39 | 21°34 | 8°54 | 12°39 | 11°11 | 2° 1 | 2°33 | F 25 |
| S 26 | 16 14 42 | 4°59'21 | 5♂18 | 16°33 | 15°11 | 25°41 | 10° 1 | 19°47 | 12°41 | 21°33 | 8°54 | 12°32 | 11° 8 | 2° 8 | 2°30 | S 26 |
| S 27 | 16 18 39 | 5°57'06 | 18° 8 | 18°19 | 16°24 | 26°10 | 10° 7 | 19°55 | 12°43 | 21°31 | 8°54 | 12°23 | 11° 5 | 2°15 | 2°26 | S 27 |
| M28 | 16 22 35 | 6°54'50 | 1♂12 | 20° 8 | 17°37 | 26°39 | 10°13 | 20° 2 | 12°45 | 21°29 | 8°55 | 12°13 | 11° 1 | 2°21 | 2°23 | M28 |
| T 29 | 16 26 32 | 7°52'32 | 14°29 | 21°58 | 18°51 | 27° 8 | 10°19 | 20°10 | 12°47 | 21°28 | 8°55 | 12° 4 | 10°58 | 2°28 | 2°20 | T 29 |
| W30 | 16 30 29 | 8°50'12 | 27°58 | 23°51 | 20° 4 | 27°38 | 10°25 | 20°17 | 12°49 | 21°26 | 8°55 | 11°57 | 10°55 | 2°34 | 2°17 | W30 |
| T 31 | 16 34 25 | 9♂47'52 | 11♂38 | 25♂46 | 21♂17 | 28♂9 | 10♂31 | 20♂25 | 12♂51 | 21♂25 | 8♂55 | 11♂51 | 10♂52 | 2♀41 | 2♂13 | T 31 |

| Day | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|-------|-------|------|-------|------|-------|------|-------|------|------|------|-------|------|-------|------|-------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | lat |
| T 1 | 15n 2 | 18n10 | 5s10 | 3n33 | 2s27 | 4n17 | 1s38 | 18n25 | 2n 7 | 9s50 | 0s49 | 14n46 | 2s 5 | 17n46 | 0n40 | 16s34 |
| W 2 | 15 20 | 17 4 | 5 13 | 3 43 | 2 34 | 4 45 | 1 38 | 18 17 | 2 5 | 9 46 | 0 49 | 14 48 | 2 5 | 17 46 | 0 40 | 16 33 |
| T 3 | 15 38 | 15 2 | 4 59 | 3 55 | 2 40 | 5 13 | 1 38 | 18 8 | 2 4 | 9 43 | 0 49 | 14 50 | 2 5 | 17 46 | 0 40 | 16 33 |
| F 4 | 15 56 | 12 6 | 4 28 | 4 9 | 2 46 | 5 40 | 1 38 | 18 0 | 2 3 | 9 40 | 0 50 | 14 53 | 2 5 | 17 45 | 0 40 | 16 32 |
| S 5 | 16 13 | 8 26 | 3 40 | 4 24 | 2 51 | 6 8 | 1 38 | 17 51 | 2 1 | 9 37 | 0 50 | 14 55 | 2 5 | 17 45 | 0 40 | 16 32 |
| S 6 | 16 30 | 4 13 | 2 39 | 4 42 | 2 55 | 6 36 | 1 38 | 17 42 | 2 0 | 9 33 | 0 50 | 14 57 | 2 5 | 17 45 | 0 40 | 16 32 |
| M 7 | 16 47 | 0s20 | 1 26 | 5 1 | 2 58 | 7 3 | 1 38 | 17 33 | 1 58 | 9 30 | 0 50 | 14 59 | 2 5 | 17 45 | 0 40 | 16 31 |
| T 8 | 17 3 | 4 56 | 0 6 | 5 22 | 3 1 | 7 30 | 1 38 | 17 24 | 1 57 | 9 27 | 0 50 | 15 1 | 2 5 | 17 44 | 0 40 | 16 31 |
| W 9 | 17 19 | 9 15 | 1n14 | 5 44 | 3 2 | 7 57 | 1 38 | 17 15 | 1 55 | 9 24 | 0 51 | 15 4 | 2 5 | 17 44 | 0 40 | 16 30 |
| T 10 | 17 35 | 12 59 | 2 29 | 6 8 | 3 4 | 8 24 | 1 37 | 17 6 | 1 54 | 9 21 | 0 51 | 15 6 | 2 5 | 17 44 | 0 40 | 16 30 |
| F 11 | 17 51 | 15 52 | 3 33 | 6 33 | 3 4 | 8 51 | 1 37 | 16 57 | 1 53 | 9 18 | 0 51 | 15 8 | 2 5 | 17 43 | 0 40 | 16 30 |
| S 12 | 18 6 | 17 41 | 4 23 | 7 0 | 3 4 | 9 17 | 1 36 | 16 47 | 1 51 | 9 15 | 0 51 | 15 10 | 2 5 | 17 43 | 0 40 | 16 29 |
| S 13 | 18 21 | 18 23 | 4 55 | 7 27 | 3 4 | 9 44 | 1 36 | 16 38 | 1 50 | 9 12 | 0 52 | 15 12 | 2 5 | 17 42 | 0 40 | 16 29 |
| M14 | 18 36 | 17 59 | 5 10 | 7 56 | 3 2 | 10 10 | 1 35 | 16 28 | 1 49 | 9 9 | 0 52 | 15 14 | 2 5 | 17 42 | 0 40 | 16 28 |
| T 15 | 18 50 | 16 37 | 5 7 | 8 26 | 3 0 | 10 36 | 1 34 | 16 18 | 1 47 | 9 6 | 0 52 | 15 16 | 2 5 | 17 42 | 0 40 | 16 28 |
| W16 | 19 4 | 14 27 | 4 49 | 8 57 | 2 58 | 11 1 | 1 34 | 16 8 | 1 46 | 9 3 | 0 52 | 15 19 | 2 5 | 17 41 | 0 40 | 16 27 |
| T 17 | 19 18 | 11 41 | 4 18 | 9 29 | 2 55 | 11 27 | 1 33 | 15 58 | 1 45 | 9 1 | 0 52 | 15 21 | 2 5 | 17 41 | 0 40 | 16 27 |
| F 18 | 19 31 | 8 27 | 3 36 | 10 1 | 2 51 | 11 52 | 1 32 | 15 48 | 1 43 | 8 58 | 0 53 | 15 23 | 2 5 | 17 40 | 0 40 | 16 27 |
| S 19 | 19 44 | 4 56 | 2 45 | 10 35 | 2 47 | 12 17 | 1 31 | 15 38 | 1 42 | 8 55 | 0 53 | 15 25 | 2 5 | 17 40 | 0 40 | 16 26 |
| S 20 | 19 57 | 1 16 | 1 47 | 11 9 | 2 42 | 12 42 | 1 30 | 15 28 | 1 41 | 8 53 | 0 53 | 15 27 | 2 5 | 17 39 | 0 40 | 16 26 |
| M21 | 20 9 | 2n28 | 0 45 | 11 44 | 2 37 | 13 6 | 1 29 | 15 18 | 1 40 | 8 50 | 0 53 | 15 29 | 2 5 | 17 39 | 0 40 | 16 25 |
| T 22 | 20 21 | 6 7 | 0s19 | 12 20 | 2 31 | 13 30 | 1 28 | 15 7 | 1 38 | 8 48 | 0 54 | 15 31 | 2 5 | 17 38 | 0 40 | 16 25 |
| W23 | 20 33 | 9 33 | 1 22 | 12 56 | 2 25 | 13 54 | 1 26 | 14 57 | 1 37 | 8 46 | 0 54 | 15 33 | 2 5 | 17 38 | 0 40 | 16 25 |
| T 24 | 20 44 | 12 39 | 2 23 | 13 33 | 2 18 | 14 17 | 1 25 | 14 46 | 1 36 | 8 43 | 0 54 | 15 35 | 2 5 | 17 37 | 0 40 | 16 24 |
| F 25 | 20 55 | 15 14 | 3 18 | 14 10 | 2 11 | 14 40 | 1 24 | 14 35 | 1 35 | 8 41 | 0 54 | 15 37 | 2 5 | 17 37 | 0 40 | 16 24 |
| S 26 | 21 6 | 17 8 | 4 4 | 14 47 | 2 3 | 15 3 | 1 22 | 14 24 | 1 33 | 8 39 | 0 55 | 15 39 | 2 5 | 17 36 | 0 40 | 16 23 |
| S 27 | 21 16 | 18 14 | 4 39 | 15 25 | 1 55 | 15 25 | 1 21 | 14 13 | 1 32 | 8 37 | 0 55 | 15 41 | 2 5 | 17 36 | 0 40 | 16 23 |
| M28 | 21 26 | 18 23 | 5 0 | 16 2 | 1 47 | 15 47 | 1 19 | 14 2 | 1 31 | 8 34 | 0 55 | 15 43 | 2 5 | 17 35 | 0 40 | 16 23 |
| T 29 | 21 35 | 17 33 | 5 5 | 16 40 | 1 38 | 16 9 | 1 18 | 13 51 | 1 30 | 8 32 | 0 55 | 15 45 | 2 5 | 17 35 | 0 40 | 16 22 |
| W30 | 21 44 | 15 44 | 4 54 | 17 17 | 1 28 | 16 30 | 1 16 | 13 40 | 1 29 | 8 30 | 0 56 | 15 47 | 2 5 | 17 34 | 0 40 | 16 22 |
| T 31 | 21n53 | 13n 0 | 4s26 | 17n54 | 1s19 | 16n51 | 1s15 | 13n28 | 1n28 | 8s29 | 0s56 | 15n49 | 2s 5 | 17n33 | 0n39 | 16s22 |

Julian Day Number = 2559046.5, Delta T = 287.25 sec
 Ecliptic obliquity = 23°23'55, Nutation = 0°00'03, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 28°51'16, Lahiri = 27°58'16

ASTRODIENST EPHEMERIS for the year 2294

geocentric

JUNE 2294

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|------------------------|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------|----------------------|---------------------|---------------------|---------------------|--------------------|--------------------|------|
| F 1 | 16 38 22 | 10 ^{II} 45'29 | 25 ^{II} 28 | 27 ^{III} 43 | 22 ^{III} 30 | 28 ^{II} 37 | 10 ^{III} 37 | 20 ^{III} 32 | 12 ^{II} 53 | 21°R23 | 8 ^{III} 56 | 11°R48 | 10 ^{II} 49 | 2 ^{II} 48 | 2°R10 | F 1 |
| S 2 | 16 42 18 | 11°43'05 | 9 ^{III} 26 | 29°42 | 23°43 | 29° 7 | 10°42 | 20°40 | 12°56 | 21 ^{III} 22 | 8°56 | 11°D47 | 10°46 | 2°54 | 2 ^{III} 8 | S 2 |
| S 3 | 16 46 15 | 12°40'40 | 23°33 | 1 ^{II} 43 | 24°57 | 29°37 | 10°47 | 20°47 | 12°58 | 21°20 | 8°56 | 11 ^{II} 47 | 10°42 | 3° 1 | 2° 5 | S 3 |
| M 4 | 16 50 11 | 13°38'13 | 7 ^{II} 47 | 3°46 | 26°10 | 0 ^{III} 7 | 10°52 | 20°54 | 13° 0 | 21°19 | 8°56 | 11°R48 | 10°39 | 3° 8 | 2° 2 | M 4 |
| T 5 | 16 54 8 | 14°35'45 | 22° 7 | 5°51 | 27°23 | 0°38 | 10°57 | 21° 2 | 13° 2 | 21°17 | 8°56 | 11°48 | 10°36 | 3°14 | 1°59 | T 5 |
| W 6 | 16 58 4 | 15°33'15 | 6 ^{III} 29 | 7°57 | 28°36 | 1° 8 | 11° 2 | 21° 9 | 13° 5 | 21°16 | 8°56 | 11°45 | 10°33 | 3°21 | 1°57 | W 6 |
| T 7 | 17 2 1 | 16°30'45 | 20°50 | 10° 5 | 29°50 | 1°39 | 11° 6 | 21°16 | 13° 7 | 21°14 | 8°56 | 11°41 | 10°30 | 3°28 | 1°55 | T 7 |
| F 8 | 17 5 58 | 17°28'13 | 5 ^{II} 6 | 12°14 | 1 ^{II} 3 | 2°10 | 11°11 | 21°23 | 13° 9 | 21°13 | 8°56 | 11°33 | 10°26 | 3°34 | 1°52 | F 8 |
| S 9 | 17 9 54 | 18°25'40 | 19°10 | 14°24 | 2°16 | 2°41 | 11°15 | 21°30 | 13°12 | 21°12 | 8°R56 | 11°24 | 10°23 | 3°41 | 1°50 | S 9 |
| S 10 | 17 13 51 | 19°23'06 | 2 ^{III} 59 | 16°35 | 3°29 | 3°12 | 11°19 | 21°38 | 13°14 | 21°10 | 8°56 | 11°13 | 10°20 | 3°48 | 1°48 | S 10 |
| M 11 | 17 17 47 | 20°20'32 | 16°27 | 18°47 | 4°43 | 3°43 | 11°23 | 21°45 | 13°17 | 21° 9 | 8°56 | 11° 3 | 10°17 | 3°54 | 1°46 | M 11 |
| T 12 | 17 21 44 | 21°17'56 | 29°34 | 20°59 | 5°56 | 4°14 | 11°26 | 21°52 | 13°20 | 21° 7 | 8°56 | 10°53 | 10°14 | 4° 1 | 1°44 | T 12 |
| W 13 | 17 25 40 | 22°15'20 | 12 ^{III} 20 | 23°11 | 7° 9 | 4°46 | 11°30 | 21°59 | 13°22 | 21° 6 | 8°56 | 10°45 | 10°11 | 4° 7 | 1°42 | W 13 |
| T 14 | 17 29 37 | 23°12'43 | 24°45 | 25°23 | 8°22 | 5°17 | 11°33 | 22° 6 | 13°25 | 21° 5 | 8°56 | 10°39 | 10° 7 | 4°14 | 1°40 | T 14 |
| F 15 | 17 33 34 | 24°10'06 | 6 ^{III} 54 | 27°34 | 9°36 | 5°49 | 11°36 | 22°13 | 13°27 | 21° 3 | 8°56 | 10°36 | 10° 4 | 4°21 | 1°39 | F 15 |
| S 16 | 17 37 30 | 25° 7'28 | 18°51 | 29°45 | 10°49 | 6°21 | 11°39 | 22°20 | 13°30 | 21° 2 | 8°56 | 10°35 | 10° 1 | 4°27 | 1°37 | S 16 |
| S 17 | 17 41 27 | 26° 4'49 | 0 ^{II} 41 | 1 ^{II} 55 | 12° 2 | 6°53 | 11°42 | 22°27 | 13°33 | 21° 1 | 8°55 | 10°D35 | 9°58 | 4°34 | 1°36 | S 17 |
| M 18 | 17 45 23 | 27° 2'10 | 12°29 | 4° 4 | 13°16 | 7°25 | 11°44 | 22°34 | 13°36 | 21° 0 | 8°55 | 10°R35 | 9°55 | 4°41 | 1°34 | M 18 |
| T 19 | 17 49 20 | 27°59'31 | 24°21 | 6°11 | 14°29 | 7°57 | 11°47 | 22°40 | 13°39 | 20°58 | 8°55 | 10°34 | 9°52 | 4°47 | 1°33 | T 19 |
| W 20 | 17 53 16 | 28°56'51 | 6 ^{III} 23 | 8°17 | 15°42 | 8°30 | 11°49 | 22°47 | 13°41 | 20°57 | 8°55 | 10°31 | 9°48 | 4°54 | 1°32 | W 20 |
| T 21 | 17 57 13 | 29°54'11 | 18°37 | 10°21 | 16°56 | 9° 2 | 11°51 | 22°54 | 13°44 | 20°56 | 8°54 | 10°27 | 9°45 | 5° 1 | 1°31 | T 21 |
| F 22 | 18 1 9 | 0 ^{II} 51'30 | 1 ^{II} 8 | 12°23 | 18° 9 | 9°35 | 11°53 | 23° 1 | 13°47 | 20°55 | 8°54 | 10°19 | 9°42 | 5° 7 | 1°30 | F 22 |
| S 23 | 18 5 6 | 1°48'49 | 13°58 | 14°23 | 19°22 | 10° 7 | 11°54 | 23° 7 | 13°50 | 20°54 | 8°54 | 10° 9 | 9°39 | 5°14 | 1°29 | S 23 |
| S 24 | 18 9 3 | 2°46'08 | 27° 6 | 16°21 | 20°36 | 10°40 | 11°56 | 23°14 | 13°53 | 20°53 | 8°53 | 9°58 | 9°36 | 5°21 | 1°29 | S 24 |
| M 25 | 18 12 59 | 3°43'26 | 10 ^{III} 33 | 18°17 | 21°49 | 11°13 | 11°57 | 23°20 | 13°56 | 20°51 | 8°53 | 9°45 | 9°32 | 5°27 | 1°28 | M 25 |
| T 26 | 18 16 56 | 4°40'43 | 24°14 | 20°11 | 23° 3 | 11°46 | 11°58 | 23°27 | 13°59 | 20°50 | 8°53 | 9°34 | 9°29 | 5°34 | 1°28 | T 26 |
| W 27 | 18 20 52 | 5°38'01 | 8 ^{II} 8 | 22° 3 | 24°16 | 12°19 | 11°59 | 23°33 | 14° 2 | 20°49 | 8°52 | 9°24 | 9°26 | 5°41 | 1°27 | W 27 |
| T 28 | 18 24 49 | 6°35'17 | 22° 9 | 23°53 | 25°30 | 12°52 | 11°59 | 23°40 | 14° 5 | 20°48 | 8°52 | 9°16 | 9°23 | 5°47 | 1°27 | T 28 |
| F 29 | 18 28 45 | 7°32'33 | 6 ^{III} 16 | 25°40 | 26°43 | 13°26 | 12° 0 | 23°46 | 14° 9 | 20°47 | 8°51 | 9°12 | 9°20 | 5°54 | 1°27 | F 29 |
| S 30 | 18 32 42 | 8 ^{III} 29'48 | 20 ^{III} 24 | 27 ^{III} 25 | 27 ^{II} 56 | 13 ^{III} 59 | 12 ^{III} 8 | 23 ^{III} 52 | 14 ^{II} 12 | 20 ^{III} 46 | 8 ^{III} 51 | 9 ^{II} 9 | 9 ^{II} 17 | 6 ^{II} 0 | 1°D27 | S 30 |

| Day | ☉ | ☾ | | ♊ | | ♋ | | ♌ | | ♍ | | ♎ | | ♏ | | ♐ | | ♑ | | ♒ | | ♓ | | ♈ | |
|------|-------|-------|------|-------|------|-------|------|-------|------|------|------|-------|------|-------|------|-------|------|-------|-------|------|------|------|-------|------|-----|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat |
| F 1 | 22n 1 | 9n32 | 3s42 | 18n30 | 1s 9 | 17n11 | 1s13 | 13n17 | 1n26 | 8s27 | 0s56 | 15n51 | 2s 5 | 17n33 | 0n39 | 16s21 | 1n47 | 19s13 | 11s55 | 4s40 | 4s16 | 1n46 | 11s16 | 1n 0 | |
| S 2 | 22 9 | 5 29 | 2 44 | 19 6 | 0 58 | 17 31 | 1 11 | 13 6 | 1 25 | 8 25 | 0 56 | 15 53 | 2 5 | 17 32 | 0 39 | 16 21 | 1 47 | 19 13 | 11 55 | 4 39 | 4 15 | 1 48 | 11 15 | 1 0 | |
| S 3 | 22 17 | 1 5 | 1 36 | 19 41 | 0 48 | 17 51 | 1 9 | 12 54 | 1 24 | 8 23 | 0 57 | 15 55 | 2 5 | 17 31 | 0 39 | 16 20 | 1 47 | 19 14 | 11 56 | 4 39 | 4 14 | 1 50 | 11 14 | 1 0 | |
| M 4 | 22 24 | 3s25 | 0 21 | 20 15 | 0 37 | 18 10 | 1 8 | 12 42 | 1 23 | 8 21 | 0 57 | 15 56 | 2 5 | 17 31 | 0 39 | 16 20 | 1 47 | 19 14 | 11 56 | 4 39 | 4 13 | 1 52 | 11 13 | 1 1 | |
| T 5 | 22 31 | 7 45 | 0n55 | 20 49 | 0 27 | 18 28 | 1 6 | 12 30 | 1 22 | 8 20 | 0 57 | 15 58 | 2 5 | 17 30 | 0 39 | 16 20 | 1 47 | 19 14 | 11 56 | 4 39 | 4 11 | 1 54 | 11 12 | 1 1 | |
| W 6 | 22 37 | 11 39 | 2 8 | 21 20 | 0 16 | 18 47 | 1 4 | 12 19 | 1 21 | 8 18 | 0 58 | 16 0 | 2 5 | 17 29 | 0 39 | 16 19 | 1 47 | 19 15 | 11 57 | 4 38 | 4 10 | 1 55 | 11 10 | 1 1 | |
| T 7 | 22 43 | 14 50 | 3 12 | 21 50 | 0 5 | 19 4 | 1 2 | 12 7 | 1 20 | 8 17 | 0 58 | 16 2 | 2 5 | 17 29 | 0 39 | 16 19 | 1 47 | 19 15 | 11 57 | 4 37 | 4 9 | 1 57 | 11 9 | 1 1 | |
| F 8 | 22 49 | 17 6 | 4 4 | 22 19 | 0n 6 | 19 21 | 1 0 | 11 55 | 1 19 | 8 15 | 0 58 | 16 4 | 2 5 | 17 28 | 0 39 | 16 19 | 1 47 | 19 15 | 11 57 | 4 34 | 4 8 | 1 59 | 11 8 | 1 2 | |
| S 9 | 22 54 | 18 18 | 4 41 | 22 45 | 0 16 | 19 38 | 0 58 | 11 42 | 1 17 | 8 14 | 0 58 | 16 6 | 2 5 | 17 27 | 0 39 | 16 18 | 1 47 | 19 15 | 11 58 | 4 30 | 4 6 | 2 1 | 11 7 | 1 2 | |
| S 10 | 22 58 | 18 22 | 5 0 | 23 10 | 0 27 | 19 54 | 0 56 | 11 30 | 1 16 | 8 13 | 0 59 | 16 7 | 2 5 | 17 27 | 0 39 | 16 18 | 1 47 | 19 16 | 11 58 | 4 26 | 4 5 | 2 3 | 11 6 | 1 2 | |
| M11 | 23 3 | 17 24 | 5 2 | 23 32 | 0 37 | 20 10 | 0 54 | 11 18 | 1 15 | 8 12 | 0 59 | 16 9 | 2 5 | 17 26 | 0 39 | 16 18 | 1 47 | 19 16 | 11 58 | 4 22 | 4 4 | 2 5 | 11 5 | 1 3 | |
| T 12 | 23 7 | 15 31 | 4 47 | 23 52 | 0 46 | 20 25 | 0 52 | 11 5 | 1 14 | 8 11 | 0 59 | 16 11 | 2 5 | 17 25 | 0 39 | 16 17 | 1 47 | 19 16 | 11 59 | 4 18 | 4 3 | 2 6 | 11 4 | 1 3 | |
| W13 | 23 10 | 12 56 | 4 19 | 24 9 | 0 56 | 20 39 | 0 49 | 10 53 | 1 13 | 8 9 | 0 59 | 16 13 | 2 6 | 17 24 | 0 39 | 16 17 | 1 47 | 19 17 | 11 59 | 4 15 | 4 1 | 2 8 | 11 3 | 1 3 | |
| T 14 | 23 13 | 9 49 | 3 38 | 24 23 | 1 4 | 20 53 | 0 47 | 10 40 | 1 12 | 8 8 | 1 0 | 16 14 | 2 6 | 17 24 | 0 39 | 16 17 | 1 47 | 19 17 | 11 59 | 4 13 | 4 0 | 2 10 | 11 3 | 1 3 | |
| F 15 | 23 16 | 6 21 | 2 49 | 24 35 | 1 13 | 21 7 | 0 45 | 10 28 | 1 11 | 8 8 | 1 0 | 16 16 | 2 6 | 17 23 | 0 39 | 16 16 | 1 47 | 19 18 | 12 0 | 4 11 | 3 59 | 2 12 | 11 2 | 1 4 | |
| S 16 | 23 19 | 2 40 | 1 53 | 24 44 | 1 20 | 21 19 | 0 43 | 10 15 | 1 10 | 8 7 | 1 0 | 16 18 | 2 6 | 17 22 | 0 39 | 16 16 | 1 47 | 19 18 | 12 0 | 4 11 | 3 58 | 2 14 | 11 1 | 1 4 | |
| S 17 | 23 20 | 1n 4 | 0 52 | 24 50 | 1 27 | 21 32 | 0 41 | 10 2 | 1 9 | 8 6 | 1 1 | 16 19 | 2 6 | 17 21 | 0 39 | 16 16 | 1 47 | 19 18 | 12 0 | 4 11 | 3 56 | 2 15 | 11 0 | 1 4 | |
| M18 | 23 22 | 4 46 | 0s10 | 24 54 | 1 33 | 21 43 | 0 38 | 9 49 | 1 8 | 8 5 | 1 1 | 16 21 | 2 6 | 17 20 | 0 39 | 16 15 | 1 47 | 19 19 | 12 1 | 4 11 | 3 55 | 2 17 | 11 0 | 1 4 | |
| T 19 | 23 23 | 8 18 | 1 13 | 24 54 | 1 39 | 21 54 | 0 36 | 9 37 | 1 7 | 8 5 | 1 1 | 16 23 | 2 6 | 17 19 | 0 39 | 16 15 | 1 47 | 19 19 | 12 1 | 4 11 | 3 54 | 2 19 | 10 59 | 1 5 | |
| W20 | 23 24 | 11 32 | 2 12 | 24 52 | 1 44 | 22 5 | 0 34 | 9 24 | 1 6 | 8 4 | 1 1 | 16 24 | 2 6 | 17 19 | 0 39 | 16 15 | 1 47 | 19 19 | 12 1 | 4 10 | 3 53 | 2 21 | 10 58 | 1 5 | |
| T 21 | 23 24 | 14 20 | 3 7 | 24 47 | 1 48 | 22 14 | 0 31 | 9 10 | 1 5 | 8 3 | 1 2 | 16 26 | 2 6 | 17 18 | 0 39 | 16 15 | 1 47 | 19 20 | 12 2 | 4 8 | 3 51 | 2 23 | 10 58 | 1 5 | |
| F 22 | 23 24 | 16 32 | 3 54 | 24 40 | 1 51 | 22 23 | 0 29 | 8 57 | 1 4 | 8 3 | 1 2 | 16 27 | 2 6 | 17 17 | 0 39 | 16 14 | 1 47 | 19 20 | 12 2 | 4 5 | 3 50 | 2 25 | 10 57 | 1 5 | |
| S 23 | 23 23 | 17 58 | 4 30 | 24 31 | 1 54 | 22 32 | 0 27 | 8 44 | 1 3 | 8 3 | 1 2 | 16 29 | 2 6 | 17 16 | 0 39 | 16 14 | 1 46 | 19 21 | 12 2 | 4 1 | 3 49 | 2 26 | 10 57 | 1 6 | |
| S 24 | 23 22 | 18 29 | 4 53 | 24 19 | 1 56 | 22 40 | 0 24 | 8 31 | 1 2 | 8 2 | 1 3 | 16 30 | 2 6 | 17 15 | 0 39 | 16 14 | 1 46 | 19 21 | 12 3 | 3 56 | 3 48 | 2 28 | 10 56 | 1 6 | |
| M25 | 23 21 | 17 59 | 5 1 | 24 5 | 1 57 | 22 47 | 0 22 | 8 17 | 1 1 | 8 2 | 1 3 | 16 32 | 2 7 | 17 14 | 0 39 | 16 14 | 1 46 | 19 22 | 12 3 | 3 52 | 3 46 | 2 30 | 10 56 | 1 6 | |
| T 26 | 23 19 | 16 27 | 4 51 | 23 49 | 1 57 | 22 54 | 0 19 | 8 4 | 1 0 | 8 2 | 1 3 | 16 33 | 2 7 | 17 13 | 0 39 | 16 13 | 1 46 | 19 22 | 12 3 | 3 47 | 3 45 | 2 32 | 10 55 | 1 6 | |
| W27 | 23 17 | 13 57 | 4 24 | 23 31 | 1 57 | 23 0 | 0 17 | 7 50 | 0 59 | 8 2 | 1 3 | 16 35 | 2 7 | 17 13 | 0 39 | 16 13 | 1 46 | 19 23 | 12 4 | 3 43 | 3 44 | 2 34 | 10 55 | 1 7 | |
| T 28 | 23 14 | 10 36 | 3 41 | 23 12 | 1 56 | 23 5 | 0 14 | 7 37 | 0 58 | 8 2 | 1 4 | 16 36 | 2 7 | 17 12 | 0 39 | 16 13 | 1 46 | 19 23 | 12 4 | 3 40 | 3 43 | 2 36 | 10 55 | 1 7 | |
| F 29 | 23 11 | 6 39 | 2 45 | 22 51 | 1 54 | 23 9 | 0 12 | 7 23 | 0 57 | 8 2 | 1 4 | 16 38 | 2 7 | 17 11 | 0 39 | 16 13 | 1 46 | 19 23 | 12 4 | 3 38 | 3 41 | 2 37 | 10 55 | 1 7 | |
| S 30 | 23n 8 | 2n18 | 1s38 | 22n28 | 1n52 | 23n13 | 0s10 | 7n 9 | 0n56 | 8s 2 | 1s 4 | 16n39 | 2s 7 | 17n10 | 0n39 | 16s13 | 1n46 | 19s24 | 12s 5 | 3s37 | 3s40 | 2n39 | 10s54 | 1n 0 | |

ASTRODIENST EPHEMERIS for the year 2294
geocentric

JULY 2294

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|-----------------------|----------------------|---------------------|---------------------|----------------------|----------------------|----------------------|----------------------|----------------------|---------------------|-------------------|--------------------|--------------------|---------------------|------|
| S 1 | 18 36 38 | 9 ⁵² 27'02 | 4 ⁵² 32 | 29 ⁵² 8 | 29 ^{II} 10 | 14 ^{III} 33 | 12°R 0 | 23 ^{III} 58 | 14 ^{III} 15 | 20°R45 | 8°R50 | 9°R 9 | 9 ⁵² 13 | 6 ^{VI} 7 | 1 ^{III} 27 | S 1 |
| M 2 | 18 40 35 | 10°24'16 | 18°39 | 0 ^{II} 48 | 0 ⁵² 23 | 15° 6 | 12 ^{III} 0 | 24° 4 | 14°18 | 20 ^{III} 44 | 8 ^{III} 50 | 9 ⁵² 9 | 9°10 | 6°14 | 1°27 | M 2 |
| T 3 | 18 44 32 | 11°21'30 | 2 ^{III} 44 | 2°26 | 1°37 | 15°40 | 12° 0 | 24°11 | 14°21 | 20°43 | 8°49 | 9° 8 | 9° 7 | 6°20 | 1°28 | T 3 |
| W 4 | 18 48 28 | 12°18'42 | 16°46 | 4° 2 | 2°50 | 16°14 | 11°59 | 24°17 | 14°25 | 20°43 | 8°49 | 9° 5 | 9° 4 | 6°27 | 1°28 | W 4 |
| T 5 | 18 52 25 | 13°15'55 | 0 ^{II} 44 | 5°36 | 4° 4 | 16°48 | 11°59 | 24°23 | 14°28 | 20°42 | 8°48 | 9° 0 | 9° 1 | 6°34 | 1°29 | T 5 |
| F 6 | 18 56 21 | 14°13'07 | 14°34 | 7° 7 | 5°17 | 17°22 | 11°58 | 24°28 | 14°31 | 20°41 | 8°47 | 8°51 | 8°58 | 6°40 | 1°29 | F 6 |
| S 7 | 19 0 18 | 15°10'19 | 28°14 | 8°36 | 6°31 | 17°56 | 11°57 | 24°34 | 14°35 | 20°40 | 8°47 | 8°41 | 8°54 | 6°47 | 1°30 | S 7 |
| S 8 | 19 4 14 | 16° 7'31 | 11 ^{III} 41 | 10° 3 | 7°45 | 18°30 | 11°55 | 24°40 | 14°38 | 20°39 | 8°46 | 8°29 | 8°51 | 6°54 | 1°31 | S 8 |
| M 9 | 19 8 11 | 17° 4'42 | 24°52 | 11°27 | 8°58 | 19° 4 | 11°54 | 24°46 | 14°41 | 20°39 | 8°45 | 8°17 | 8°48 | 7° 0 | 1°32 | M 9 |
| T 10 | 19 12 7 | 18° 1'54 | 7 ^{III} 47 | 12°49 | 10°12 | 19°39 | 11°52 | 24°52 | 14°45 | 20°38 | 8°45 | 8° 5 | 8°45 | 7° 7 | 1°33 | T 10 |
| W11 | 19 16 4 | 18°59'06 | 20°23 | 14° 9 | 11°25 | 20°13 | 11°50 | 24°57 | 14°48 | 20°37 | 8°44 | 7°56 | 8°42 | 7°14 | 1°34 | W11 |
| T 12 | 19 20 1 | 19°56'17 | 2 ^{III} 44 | 15°25 | 12°39 | 20°48 | 11°48 | 25° 3 | 14°52 | 20°37 | 8°43 | 7°49 | 8°38 | 7°20 | 1°36 | T 12 |
| F 13 | 19 23 57 | 20°53'29 | 14°50 | 16°40 | 13°53 | 21°23 | 11°46 | 25° 8 | 14°55 | 20°36 | 8°43 | 7°45 | 8°35 | 7°27 | 1°37 | F 13 |
| S 14 | 19 27 54 | 21°50'42 | 26°45 | 17°52 | 15° 6 | 21°57 | 11°44 | 25°14 | 14°58 | 20°35 | 8°42 | 7°43 | 8°32 | 7°33 | 1°39 | S 14 |
| S 15 | 19 31 50 | 22°47'54 | 8 ^{VI} 35 | 19° 1 | 16°20 | 22°32 | 11°41 | 25°19 | 15° 2 | 20°35 | 8°41 | 7°D42 | 8°29 | 7°40 | 1°40 | S 15 |
| M16 | 19 35 47 | 23°45'07 | 20°23 | 20° 7 | 17°34 | 23° 7 | 11°38 | 25°24 | 15° 5 | 20°34 | 8°40 | 7°R43 | 8°26 | 7°47 | 1°42 | M16 |
| T 17 | 19 39 43 | 24°42'21 | 2 ^{III} 16 | 21°11 | 18°47 | 23°42 | 11°35 | 25°29 | 15° 9 | 20°34 | 8°39 | 7°42 | 8°23 | 7°53 | 1°44 | T 17 |
| W18 | 19 43 40 | 25°39'35 | 14°19 | 22°12 | 20° 1 | 24°17 | 11°32 | 25°34 | 15°13 | 20°33 | 8°38 | 7°41 | 8°19 | 8° 0 | 1°46 | W18 |
| T 19 | 19 47 36 | 26°36'50 | 26°36 | 23° 9 | 21°15 | 24°52 | 11°29 | 25°39 | 15°16 | 20°33 | 8°38 | 7°37 | 8°16 | 8° 7 | 1°48 | T 19 |
| F 20 | 19 51 33 | 27°34'05 | 9 ^{II} 13 | 24° 4 | 22°28 | 25°28 | 11°25 | 25°44 | 15°20 | 20°32 | 8°37 | 7°31 | 8°13 | 8°13 | 1°50 | F 20 |
| S 21 | 19 55 30 | 28°31'21 | 22°12 | 24°55 | 23°42 | 26° 3 | 11°21 | 25°49 | 15°23 | 20°32 | 8°36 | 7°23 | 8°10 | 8°20 | 1°53 | S 21 |
| S 22 | 19 59 26 | 29°28'37 | 5 ⁵² 34 | 25°43 | 24°56 | 26°39 | 11°18 | 25°54 | 15°27 | 20°32 | 8°35 | 7°13 | 8° 7 | 8°27 | 1°55 | S 22 |
| M23 | 20 3 23 | 0 ^{II} 25'54 | 19°18 | 26°28 | 26°10 | 27°14 | 11°13 | 25°59 | 15°30 | 20°31 | 8°34 | 7° 2 | 8° 4 | 8°33 | 1°57 | M23 |
| T 24 | 20 7 19 | 1°23'11 | 3 ^{II} 21 | 27° 8 | 27°24 | 27°50 | 11° 9 | 26° 4 | 15°34 | 20°31 | 8°33 | 6°52 | 8° 0 | 8°40 | 2° 0 | T 24 |
| W25 | 20 11 16 | 2°20'29 | 17°40 | 27°46 | 28°37 | 28°26 | 11° 5 | 26° 8 | 15°38 | 20°31 | 8°32 | 6°44 | 7°57 | 8°47 | 2° 3 | W25 |
| T 26 | 20 15 12 | 3°17'47 | 2 ^{III} 6 | 28°19 | 29°51 | 29° 1 | 11° 0 | 26°13 | 15°41 | 20°31 | 8°31 | 6°37 | 7°54 | 8°53 | 2° 6 | T 26 |
| F 27 | 20 19 9 | 4°15'05 | 16°36 | 28°48 | 1 ^{II} 5 | 29°37 | 10°56 | 26°17 | 15°45 | 20°30 | 8°30 | 6°33 | 7°51 | 9° 0 | 2° 9 | F 27 |
| S 28 | 20 23 5 | 5°12'24 | 1 ^{II} 3 | 29°12 | 2°19 | 0 ^{II} 13 | 10°51 | 26°21 | 15°49 | 20°30 | 8°29 | 6°D32 | 7°48 | 9° 7 | 2°12 | S 28 |
| S 29 | 20 27 2 | 6° 9'42 | 15°24 | 29°33 | 3°33 | 0°49 | 10°46 | 26°26 | 15°52 | 20°30 | 8°28 | 6°32 | 7°44 | 9°13 | 2°15 | S 29 |
| M30 | 20 30 59 | 7° 7'02 | 29°35 | 29°48 | 4°47 | 1°26 | 10°40 | 26°30 | 15°56 | 20°30 | 8°27 | 6°33 | 7°41 | 9°20 | 2°18 | M30 |
| T 31 | 20 34 55 | 8 ^{II} 4'21 | 13 ^{III} 37 | 29 ^{II} 59 | 6 ^{II} 1 | 2 ^{II} 2 | 10 ^{III} 35 | 26 ^{III} 34 | 16 ^{II} 0 | 20 ^{III} 30 | 8 ^{III} 26 | 6°R33 | 7 ^{II} 38 | 9 ^{VI} 26 | 2 ^{III} 21 | T 31 |

| Day | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|-------|-------|------|-------|------|-------|------|------|------|------|------|-------|------|-------|------|-------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | lat |
| S 1 | 23n 4 | 2s10 | 0s24 | 22n 4 | 1n49 | 23n17 | 0s 7 | 6n56 | 0n55 | 8s 3 | 1s 5 | 16n41 | 2s 7 | 17n 9 | 0n39 | 16s12 |
| M 2 | 22 59 | 6 31 | 0n50 | 21 39 | 1 45 | 23 19 | 0 5 | 6 42 | 0 54 | 8 3 | 1 5 | 16 42 | 2 7 | 17 8 | 0 39 | 16 12 |
| T 3 | 22 55 | 10 30 | 2 1 | 21 13 | 1 41 | 23 21 | 0 2 | 6 28 | 0 54 | 8 3 | 1 5 | 16 43 | 2 7 | 17 7 | 0 39 | 16 12 |
| W 4 | 22 50 | 13 52 | 3 5 | 20 46 | 1 36 | 23 22 | 0n 0 | 6 14 | 0 53 | 8 4 | 1 5 | 16 45 | 2 8 | 17 6 | 0 39 | 16 12 |
| T 5 | 22 44 | 16 24 | 3 57 | 20 18 | 1 30 | 23 23 | 0 3 | 6 0 | 0 52 | 8 4 | 1 6 | 16 46 | 2 8 | 17 5 | 0 39 | 16 12 |
| F 6 | 22 38 | 17 58 | 4 35 | 19 49 | 1 24 | 23 23 | 0 5 | 5 46 | 0 51 | 8 5 | 1 6 | 16 47 | 2 8 | 17 4 | 0 39 | 16 11 |
| S 7 | 22 32 | 18 27 | 4 56 | 19 20 | 1 17 | 23 22 | 0 7 | 5 32 | 0 50 | 8 6 | 1 6 | 16 49 | 2 8 | 17 3 | 0 39 | 16 11 |
| S 8 | 22 26 | 17 54 | 5 0 | 18 50 | 1 10 | 23 20 | 0 10 | 5 17 | 0 49 | 8 6 | 1 7 | 16 50 | 2 8 | 17 2 | 0 39 | 16 11 |
| M 9 | 22 19 | 16 23 | 4 49 | 18 19 | 1 3 | 23 18 | 0 12 | 5 3 | 0 48 | 8 7 | 1 7 | 16 51 | 2 8 | 17 1 | 0 39 | 16 11 |
| T 10 | 22 11 | 14 4 | 4 22 | 17 48 | 0 54 | 23 15 | 0 15 | 4 49 | 0 47 | 8 8 | 1 7 | 16 52 | 2 8 | 17 0 | 0 39 | 16 11 |
| W11 | 22 3 | 11 8 | 3 43 | 17 17 | 0 46 | 23 11 | 0 17 | 4 35 | 0 46 | 8 9 | 1 7 | 16 54 | 2 8 | 16 59 | 0 39 | 16 11 |
| T 12 | 21 55 | 7 46 | 2 54 | 16 46 | 0 36 | 23 7 | 0 19 | 4 20 | 0 45 | 8 10 | 1 8 | 16 55 | 2 9 | 16 58 | 0 39 | 16 11 |
| F 13 | 21 47 | 4 9 | 1 58 | 16 14 | 0 27 | 23 2 | 0 22 | 4 6 | 0 44 | 8 11 | 1 8 | 16 56 | 2 9 | 16 57 | 0 39 | 16 10 |
| S 14 | 21 38 | 0 24 | 0 58 | 15 43 | 0 17 | 22 56 | 0 24 | 3 51 | 0 44 | 8 12 | 1 8 | 16 57 | 2 9 | 16 56 | 0 39 | 16 10 |
| S 15 | 21 29 | 3n19 | 0s 5 | 15 12 | 0 6 | 22 50 | 0 26 | 3 37 | 0 43 | 8 14 | 1 9 | 16 58 | 2 9 | 16 55 | 0 39 | 16 10 |
| M16 | 21 19 | 6 55 | 1 7 | 14 41 | 0s 5 | 22 43 | 0 28 | 3 22 | 0 42 | 8 15 | 1 9 | 16 59 | 2 9 | 16 54 | 0 39 | 16 10 |
| T 17 | 21 9 | 10 15 | 2 7 | 14 10 | 0 16 | 22 35 | 0 31 | 3 7 | 0 41 | 8 16 | 1 9 | 17 0 | 2 9 | 16 53 | 0 39 | 16 10 |
| W18 | 20 58 | 13 13 | 3 2 | 13 39 | 0 28 | 22 27 | 0 33 | 2 53 | 0 40 | 8 18 | 1 9 | 17 1 | 2 9 | 16 52 | 0 39 | 16 10 |
| T 19 | 20 48 | 15 38 | 3 50 | 13 9 | 0 39 | 22 18 | 0 35 | 2 38 | 0 39 | 8 19 | 1 10 | 17 2 | 2 10 | 16 51 | 0 39 | 16 10 |
| F 20 | 20 37 | 17 23 | 4 27 | 12 40 | 0 52 | 22 8 | 0 37 | 2 23 | 0 38 | 8 21 | 1 10 | 17 4 | 2 10 | 16 50 | 0 39 | 16 10 |
| S 21 | 20 25 | 18 18 | 4 53 | 12 11 | 1 4 | 21 58 | 0 39 | 2 9 | 0 38 | 8 22 | 1 10 | 17 4 | 2 10 | 16 49 | 0 39 | 16 10 |
| S 22 | 20 14 | 18 14 | 5 3 | 11 43 | 1 17 | 21 47 | 0 41 | 1 54 | 0 37 | 8 24 | 1 10 | 17 5 | 2 10 | 16 48 | 0 39 | 16 10 |
| M23 | 20 1 | 17 7 | 4 56 | 11 16 | 1 30 | 21 36 | 0 43 | 1 39 | 0 36 | 8 26 | 1 11 | 17 6 | 2 10 | 16 46 | 0 39 | 16 10 |
| T 24 | 19 49 | 14 58 | 4 32 | 10 50 | 1 43 | 21 23 | 0 45 | 1 24 | 0 35 | 8 28 | 1 11 | 17 7 | 2 10 | 16 45 | 0 39 | 16 10 |
| W25 | 19 36 | 11 52 | 3 50 | 10 24 | 1 56 | 21 11 | 0 47 | 1 9 | 0 34 | 8 30 | 1 11 | 17 8 | 2 11 | 16 44 | 0 39 | 16 10 |
| T 26 | 19 23 | 8 1 | 2 53 | 10 1 | 2 10 | 20 57 | 0 49 | 0 54 | 0 33 | 8 32 | 1 11 | 17 9 | 2 11 | 16 43 | 0 39 | 16 10 |
| F 27 | 19 10 | 3 41 | 1 44 | 9 38 | 2 23 | 20 43 | 0 51 | 0 39 | 0 33 | 8 34 | 1 12 | 17 10 | 2 11 | 16 42 | 0 39 | 16 10 |
| S 28 | 18 56 | 0s52 | 0 29 | 9 17 | 2 37 | 20 28 | 0 53 | 0 24 | 0 32 | 8 36 | 1 12 | 17 11 | 2 11 | 16 41 | 0 39 | 16 10 |
| S 29 | 18 42 | 5 19 | 0n47 | 8 57 | 2 50 | 20 13 | 0 55 | 0 9 | 0 31 | 8 38 | 1 12 | 17 12 | 2 11 | 16 40 | 0 39 | 16 10 |
| M30 | 18 28 | 9 26 | 2 0 | 8 39 | 3 3 | 19 57 | 0 57 | 0s 6 | 0 30 | 8 40 | 1 12 | 17 12 | 2 11 | 16 39 | 0 39 | 16 10 |
| T 31 | 18n13 | 12s57 | 3n 5 | 8n23 | 3s16 | 19n41 | 0n59 | 0s21 | 0n29 | 8s42 | 1s13 | 17n13 | 2s12 | 16n38 | 0n39 | 16s10 |

Julian Day Number = 2559107.5, Delta T = 287.53 sec
Ecliptic obliquity = 23°23'54, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 28°51'24, Lahiri = 27°58'24

ASTRODIENST EPHEMERIS for the year 2294

geocentric

AUGUST 2294

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|----------|-------|--------|-------|-------|--------|-------|-------|--------|-------|-------|------|-------|------|------|
| W 1 | 20 38 52 | 9♌1'41 | 27♍28 | 0♍5 | 7♌14 | 2♌38 | 10°R29 | 26♌38 | 16♌3 | 20°R30 | 8°R25 | 6°R31 | 7♌35 | 9♍33 | 2♍25 | W 1 |
| T 2 | 20 42 48 | 9°59'02 | 11♌8 | 0°R 6 | 8°28 | 3°14 | 10♌24 | 26°42 | 16° 7 | 20°D30 | 8♌24 | 6♌28 | 7°32 | 9°40 | 2°28 | T 2 |
| F 3 | 20 46 45 | 10°56'23 | 24°37 | 0° 2 | 9°42 | 3°51 | 10°18 | 26°46 | 16°11 | 20♌30 | 8°23 | 6°22 | 7°29 | 9°46 | 2°32 | F 3 |
| S 4 | 20 50 41 | 11°53'44 | 7♌53 | 29♌53 | 10°56 | 4°27 | 10°12 | 26°49 | 16°15 | 20°30 | 8°21 | 6°14 | 7°25 | 9°53 | 2°36 | S 4 |
| S 5 | 20 54 38 | 12°51'06 | 20°57 | 29°39 | 12°10 | 5° 4 | 10° 6 | 26°53 | 16°18 | 20°30 | 8°20 | 6° 5 | 7°22 | 10° 0 | 2°40 | S 5 |
| M 6 | 20 58 34 | 13°48'29 | 3♌48 | 29°19 | 13°24 | 5°41 | 10° 0 | 26°57 | 16°22 | 20°30 | 8°19 | 5°56 | 7°19 | 10° 6 | 2°44 | M 6 |
| T 7 | 21 2 31 | 14°45'53 | 16°24 | 28°55 | 14°38 | 6°18 | 9°53 | 27° 0 | 16°26 | 20°30 | 8°18 | 5°47 | 7°16 | 10°13 | 2°48 | T 7 |
| W 8 | 21 6 28 | 15°43'17 | 28°48 | 28°26 | 15°52 | 6°54 | 9°47 | 27° 3 | 16°29 | 20°31 | 8°17 | 5°40 | 7°13 | 10°20 | 2°52 | W 8 |
| T 9 | 21 10 24 | 16°40'42 | 10♌59 | 27°52 | 17° 6 | 7°31 | 9°40 | 27° 7 | 16°33 | 20°31 | 8°16 | 5°35 | 7°10 | 10°26 | 2°56 | T 9 |
| F 10 | 21 14 21 | 17°38'09 | 22°59 | 27°15 | 18°20 | 8° 8 | 9°34 | 27°10 | 16°37 | 20°31 | 8°15 | 5°32 | 7° 6 | 10°33 | 3° 0 | F 10 |
| S 11 | 21 18 17 | 18°35'36 | 4♍51 | 26°34 | 19°34 | 8°45 | 9°27 | 27°13 | 16°40 | 20°31 | 8°13 | 5°D31 | 7° 3 | 10°40 | 3° 5 | S 11 |
| S 12 | 21 22 14 | 19°33'05 | 16°39 | 25°50 | 20°48 | 9°23 | 9°20 | 27°16 | 16°44 | 20°32 | 8°12 | 5°32 | 7° 0 | 10°46 | 3° 9 | S 12 |
| M13 | 21 26 10 | 20°30'35 | 28°27 | 25° 4 | 22° 3 | 10° 0 | 9°13 | 27°19 | 16°48 | 20°32 | 8°11 | 5°33 | 6°57 | 10°53 | 3°14 | M13 |
| T 14 | 21 30 7 | 21°28'06 | 10♌20 | 24°16 | 23°17 | 10°37 | 9° 6 | 27°22 | 16°52 | 20°32 | 8°10 | 5°35 | 6°54 | 10°59 | 3°18 | T 14 |
| W15 | 21 34 3 | 22°25'38 | 22°22 | 23°28 | 24°31 | 11°14 | 8°59 | 27°24 | 16°55 | 20°33 | 8° 9 | 5°R35 | 6°50 | 11° 6 | 3°23 | W15 |
| T 16 | 21 38 0 | 23°23'12 | 4♌39 | 22°40 | 25°45 | 11°52 | 8°52 | 27°27 | 16°59 | 20°33 | 8° 7 | 5°35 | 6°47 | 11°13 | 3°28 | T 16 |
| F 17 | 21 41 57 | 24°20'48 | 17°16 | 21°53 | 26°59 | 12°29 | 8°44 | 27°29 | 17° 3 | 20°34 | 8° 6 | 5°32 | 6°44 | 11°19 | 3°33 | F 17 |
| S 18 | 21 45 53 | 25°18'25 | 0♌16 | 21° 8 | 28°13 | 13° 7 | 8°37 | 27°32 | 17° 6 | 20°34 | 8° 5 | 5°28 | 6°41 | 11°26 | 3°38 | S 18 |
| S 19 | 21 49 50 | 26°16'03 | 13°42 | 20°26 | 29°27 | 13°45 | 8°29 | 27°34 | 17°10 | 20°35 | 8° 4 | 5°23 | 6°38 | 11°33 | 3°43 | S 19 |
| M20 | 21 53 46 | 27°13'42 | 27°34 | 19°48 | 0♍42 | 14°22 | 8°22 | 27°36 | 17°14 | 20°35 | 8° 2 | 5°17 | 6°35 | 11°39 | 3°48 | M20 |
| T 21 | 21 57 43 | 28°11'23 | 11♌49 | 19°15 | 1°56 | 15° 0 | 8°14 | 27°39 | 17°17 | 20°36 | 8° 1 | 5°11 | 6°31 | 11°46 | 3°54 | T 21 |
| W22 | 22 1 39 | 29° 9'06 | 26°25 | 18°47 | 3°10 | 15°38 | 8° 6 | 27°41 | 17°21 | 20°37 | 8° 0 | 5° 6 | 6°28 | 11°53 | 3°59 | W22 |
| T 23 | 22 5 36 | 0♍6'49 | 11♌13 | 18°25 | 4°24 | 16°16 | 7°59 | 27°43 | 17°25 | 20°37 | 7°59 | 5° 3 | 6°25 | 11°59 | 4° 4 | T 23 |
| F 24 | 22 9 32 | 1° 4'34 | 26° 5 | 18°10 | 5°38 | 16°54 | 7°51 | 27°44 | 17°28 | 20°38 | 7°57 | 5° 1 | 6°22 | 12° 6 | 4°10 | F 24 |
| S 25 | 22 13 29 | 2° 2'20 | 10♌55 | 18° 2 | 6°53 | 17°32 | 7°43 | 27°46 | 17°32 | 20°39 | 7°56 | 5°D 1 | 6°19 | 12°13 | 4°15 | S 25 |
| S 26 | 22 17 25 | 3° 0'07 | 25°36 | 18°D 1 | 8° 7 | 18°11 | 7°35 | 27°48 | 17°36 | 20°39 | 7°55 | 5° 2 | 6°15 | 12°19 | 4°21 | S 26 |
| M27 | 22 21 22 | 3°57'55 | 10♌2 | 18° 8 | 9°21 | 18°49 | 7°27 | 27°49 | 17°39 | 20°40 | 7°53 | 5° 4 | 6°12 | 12°26 | 4°27 | M27 |
| T 28 | 22 25 19 | 4°55'45 | 24°11 | 18°22 | 10°35 | 19°27 | 7°19 | 27°50 | 17°43 | 20°41 | 7°52 | 5° 5 | 6° 9 | 12°32 | 4°33 | T 28 |
| W29 | 22 29 15 | 5°53'35 | 8♌7 | 18°44 | 11°50 | 20° 6 | 7°12 | 27°52 | 17°46 | 20°42 | 7°51 | 5°R 5 | 6° 6 | 12°39 | 4°39 | W29 |
| T 30 | 22 33 12 | 6°51'27 | 21°35 | 19°15 | 13° 4 | 20°44 | 7° 4 | 27°53 | 17°50 | 20°43 | 7°50 | 5° 4 | 6° 3 | 12°46 | 4°45 | T 30 |
| F 31 | 22 37 8 | 7♍49'20 | 4♌50 | 19♌52 | 14♍18 | 21♌23 | 6♌56 | 27♌54 | 17♌54 | 20♌44 | 7♌48 | 5♌2 | 6♌0 | 12♍52 | 4♌51 | F 31 |

| Day | ☉ | ☾ | | ♀ | | ♀ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | |
|------|-------|-------|------|-------|------|-------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|------|------|------|-------|------|-----|------|-----|------|-----|--|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | |
| W 1 | 17n58 | 15s42 | 3n58 | 8n 9 | 3s29 | 19n24 | 1n 0 | 0s37 | 0n29 | 8s45 | 1s13 | 17n14 | 2s12 | 16n37 | 0n39 | 16s10 | 1n44 | 19s42 | 12s13 | 2s35 | 3s 0 | 3n37 | 11s 8 | 1n14 | | | | | | |
| T 2 | 17 43 | 17 30 | 4 37 | 7 58 | 3 41 | 19 7 | 1 2 | 0 52 | 0 28 | 8 47 | 1 13 | 17 15 | 2 12 | 16 36 | 0 39 | 16 10 | 1 44 | 19 42 | 12 13 | 2 34 | 2 59 | 3 39 | 11 9 | 1 14 | | | | | | |
| F 3 | 17 27 | 18 18 | 5 0 | 7 48 | 3 53 | 18 49 | 1 3 | 1 7 | 0 27 | 8 50 | 1 13 | 17 15 | 2 12 | 16 34 | 0 39 | 16 10 | 1 44 | 19 43 | 12 13 | 2 31 | 2 58 | 3 41 | 11 10 | 1 14 | | | | | | |
| S 4 | 17 12 | 18 4 | 5 6 | 7 41 | 4 4 | 18 30 | 1 5 | 1 22 | 0 26 | 8 52 | 1 14 | 17 16 | 2 12 | 16 33 | 0 39 | 16 10 | 1 44 | 19 43 | 12 13 | 2 28 | 2 56 | 3 42 | 11 11 | 1 15 | | | | | | |
| S 5 | 16 56 | 16 54 | 4 56 | 7 36 | 4 15 | 18 11 | 1 7 | 1 37 | 0 25 | 8 54 | 1 14 | 17 17 | 2 13 | 16 32 | 0 39 | 16 10 | 1 44 | 19 44 | 12 14 | 2 25 | 2 55 | 3 44 | 11 12 | 1 15 | | | | | | |
| M 6 | 16 39 | 14 53 | 4 31 | 7 33 | 4 24 | 17 51 | 1 8 | 1 53 | 0 25 | 8 57 | 1 14 | 17 17 | 2 13 | 16 31 | 0 39 | 16 10 | 1 44 | 19 45 | 12 14 | 2 21 | 2 54 | 3 46 | 11 13 | 1 15 | | | | | | |
| T 7 | 16 23 | 12 11 | 3 53 | 7 34 | 4 33 | 17 31 | 1 9 | 2 8 | 0 24 | 9 0 | 1 14 | 17 18 | 2 13 | 16 30 | 0 39 | 16 10 | 1 44 | 19 45 | 12 14 | 2 18 | 2 53 | 3 48 | 11 15 | 1 15 | | | | | | |
| W 8 | 16 6 | 8 59 | 3 5 | 7 37 | 4 40 | 17 11 | 1 11 | 2 23 | 0 23 | 9 2 | 1 14 | 17 18 | 2 13 | 16 29 | 0 39 | 16 10 | 1 44 | 19 46 | 12 14 | 2 15 | 2 51 | 3 49 | 11 16 | 1 15 | | | | | | |
| T 9 | 15 49 | 5 27 | 2 9 | 7 42 | 4 46 | 16 50 | 1 12 | 2 38 | 0 22 | 9 5 | 1 15 | 17 19 | 2 13 | 16 28 | 0 39 | 16 11 | 1 44 | 19 46 | 12 14 | 2 13 | 2 50 | 3 51 | 11 17 | 1 15 | | | | | | |
| F 10 | 15 31 | 1 45 | 1 7 | 7 51 | 4 51 | 16 28 | 1 13 | 2 54 | 0 21 | 9 8 | 1 15 | 17 20 | 2 13 | 16 27 | 0 39 | 16 11 | 1 44 | 19 47 | 12 15 | 2 12 | 2 49 | 3 53 | 11 18 | 1 16 | | | | | | |
| S 11 | 15 14 | 1n59 | 0 4 | 8 2 | 4 54 | 16 6 | 1 14 | 3 9 | 0 21 | 9 10 | 1 15 | 17 20 | 2 14 | 16 26 | 0 39 | 16 11 | 1 44 | 19 48 | 12 15 | 2 11 | 2 48 | 3 55 | 11 20 | 1 16 | | | | | | |
| S 12 | 14 56 | 5 37 | 1s 0 | 8 15 | 4 55 | 15 44 | 1 16 | 3 24 | 0 20 | 9 13 | 1 15 | 17 21 | 2 14 | 16 24 | 0 39 | 16 11 | 1 44 | 19 48 | 12 15 | 2 12 | 2 46 | 3 57 | 11 21 | 1 16 | | | | | | |
| M13 | 14 38 | 9 1 | 2 1 | 8 31 | 4 55 | 15 21 | 1 17 | 3 40 | 0 19 | 9 16 | 1 15 | 17 21 | 2 14 | 16 23 | 0 39 | 16 11 | 1 44 | 19 49 | 12 15 | 2 12 | 2 45 | 3 58 | 11 22 | 1 16 | | | | | | |
| T 14 | 14 19 | 12 5 | 2 58 | 8 48 | 4 52 | 14 58 | 1 18 | 3 55 | 0 18 | 9 19 | 1 16 | 17 21 | 2 14 | 16 22 | 0 39 | 16 11 | 1 44 | 19 49 | 12 15 | 2 13 | 2 44 | 4 0 | 11 24 | 1 16 | | | | | | |
| W15 | 14 1 | 14 40 | 3 47 | 9 8 | 4 48 | 14 34 | 1 19 | 4 10 | 0 18 | 9 22 | 1 16 | 17 22 | 2 14 | 16 21 | 0 39 | 16 11 | 1 44 | 19 50 | 12 15 | 2 13 | 2 43 | 4 2 | 11 25 | 1 17 | | | | | | |
| T 16 | 13 42 | 16 39 | 4 27 | 9 29 | 4 42 | 14 10 | 1 19 | 4 25 | 0 17 | 9 24 | 1 16 | 17 22 | 2 15 | 16 20 | 0 39 | 16 12 | 1 44 | 19 51 | 12 15 | 2 13 | 2 41 | 4 4 | 11 27 | 1 17 | | | | | | |
| F 17 | 13 23 | 17 53 | 4 55 | 9 51 | 4 35 | 13 45 | 1 20 | 4 41 | 0 16 | 9 27 | 1 16 | 17 23 | 2 15 | 16 19 | 0 39 | 16 12 | 1 44 | 19 51 | 12 15 | 2 12 | 2 40 | 4 6 | 11 28 | 1 17 | | | | | | |
| S 18 | 13 4 | 18 14 | 5 10 | 10 14 | 4 25 | 13 20 | 1 21 | 4 56 | 0 15 | 9 30 | 1 16 | 17 23 | 2 15 | 16 18 | 0 39 | 16 12 | 1 43 | 19 52 | 12 16 | 2 10 | 2 39 | 4 7 | 11 30 | 1 17 | | | | | | |
| S 19 | 12 44 | 17 36 | 5 8 | 10 38 | 4 14 | 12 55 | 1 22 | 5 11 | 0 15 | 9 33 | 1 16 | 17 23 | 2 15 | 16 17 | 0 39 | 16 12 | 1 43 | 19 52 | 12 16 | 2 8 | 2 38 | 4 9 | 11 31 | 1 17 | | | | | | |
| M20 | 12 25 | 15 54 | 4 48 | 11 2 | 4 1 | 12 30 | 1 22 | 5 27 | 0 14 | 9 36 | 1 17 | 17 24 | 2 15 | 16 16 | 0 39 | 16 12 | 1 43 | 19 53 | 12 16 | 2 6 | 2 36 | 4 11 | 11 33 | 1 18 | | | | | | |
| T 21 | 12 5 | 13 12 | 4 10 | 11 25 | 3 47 | 12 4 | 1 23 | 5 42 | 0 13 | 9 39 | 1 17 | 17 24 | 2 16 | 16 14 | 0 39 | 16 13 | 1 43 | 19 53 | 12 16 | 2 4 | 2 35 | 4 13 | 11 34 | 1 18 | | | | | | |
| W22 | 11 45 | 9 38 | 3 15 | 11 48 | 3 32 | 11 38 | 1 24 | 5 57 | 0 12 | 9 42 | 1 17 | 17 24 | 2 16 | 16 13 | 0 39 | 16 13 | 1 43 | 19 54 | 12 16 | 2 2 | 2 34 | 4 14 | 11 36 | 1 18 | | | | | | |
| T 23 | 11 25 | 5 24 | 2 7 | 12 10 | 3 16 | 11 11 | 1 24 | 6 13 | 0 12 | 9 45 | 1 17 | 17 24 | 2 16 | 16 12 | 0 39 | 16 13 | 1 43 | 19 55 | 12 16 | 2 0 | 2 33 | 4 16 | 11 38 | 1 18 | | | | | | |
| F 24 | 11 4 | 0 48 | 0 49 | 12 31 | 2 59 | 10 44 | 1 24 | 6 28 | 0 11 | 9 48 | 1 17 | 17 25 | 2 16 | 16 11 | 0 39 | 16 13 | 1 43 | 19 55 | 12 16 | 2 0 | 2 31 | 4 18 | 11 39 | 1 18 | | | | | | |
| S 25 | 10 44 | 3s49 | 0n32 | 12 50 | 2 42 | 10 17 | 1 25 | 6 43 | 0 10 | 9 51 | 1 17 | 17 25 | 2 16 | 16 10 | 0 39 | 16 14 | 1 43 | 19 56 | 12 16 | 1 59 | 2 30 | 4 20 | 11 41 | 1 19 | | | | | | |
| S 26 | 10 23 | 8 10 | 1 50 | 13 7 | 2 24 | 9 50 | 1 25 | 6 58 | 0 9 | 9 54 | 1 17 | 17 25 | 2 17 | 16 9 | 0 39 | 16 14 | 1 43 | 19 56 | 12 16 | 2 0 | 2 29 | 4 22 | 11 43 | 1 19 | | | | | | |
| M27 | 10 2 | 11 57 | 3 0 | 13 22 | 2 6 | 9 22 | 1 25 | 7 13 | 0 9 | 9 57 | 1 17 | 17 25 | 2 17 | 16 8 | 0 39 | 16 14 | 1 43 | 19 57 | 12 16 | 2 0 | 2 28 | 4 23 | 11 45 | 1 19 | | | | | | |
| T 28 | 9 41 | 14 57 | 3 58 | 13 35 | 1 48 | 8 54 | 1 25 | 7 29 | 0 8 | 10 0 | 1 18 | 17 25 | 2 17 | 16 7 | 0 39 | 16 14 | 1 43 | 19 57 | 12 16 | 2 1 | 2 26 | 4 25 | 11 46 | 1 19 | | | | | | |
| W29 | 9 20 | 17 0 | 4 40 | 13 46 | 1 30 | 8 26 | 1 25 | 7 44 | 0 7 | 10 3 | 1 18 | 17 25 | 2 17 | 16 6 | 0 39 | 16 15 | 1 43 | 19 58 | 12 17 | 2 1 | 2 25 | 4 27 | 11 48 | 1 19 | | | | | | |
| T 30 | 8 59 | 18 3 | 4 5 | 13 53 | 1 12 | 7 57 | 1 25 | 7 59 | 0 7 | 10 6 | 1 18 | 17 25 | 2 18 | 16 5 | 0 39 | 16 15 | 1 43 | 19 58 | 12 17 | 2 1 | 2 24 | 4 29 | 11 50 | 1 19 | | | | | | |
| F 31 | 8n37 | 18s 5 | 5n14 | 13n58 | 0s55 | 7n29 | 1n25 | 8s14 | 0n 6 | 10s 9 | 1s18 | 17n25 | 2s18 | 16n 4 | 0n39 | 16s15 | 1n43 | 19s59 | 12s17 | 2s 0 | 2s23 | 4n30 | 11s52 | 1n20 | | | | | | |

ASTRODIENST EPHEMERIS for the year 2294

geocentric

SEPTEMBER 2294

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|----------|-------|-------|-------|-------|-------|--------|-------|-------|-------|-------|------|-------|------|------|
| S 1 | 22 41 5 | 8♍74'14 | 17♌49 | 20♌38 | 15♍33 | 22♌1 | 6°R48 | 27♌55 | 17♌57 | 20♌45 | 7°R47 | 4°R59 | 5♌56 | 12♍59 | 4♌57 | S 1 |
| S 2 | 22 45 1 | 9°45'10 | 0♌34 | 21°31 | 16°47 | 22°40 | 6♌40 | 27°56 | 18° 1 | 20°46 | 7♌46 | 4♌55 | 5°53 | 13° 6 | 5° 3 | S 2 |
| M 3 | 22 48 58 | 10°43'07 | 13° 5 | 22°31 | 18° 1 | 23°19 | 6°32 | 27°57 | 18° 4 | 20°47 | 7°44 | 4°51 | 5°50 | 13°12 | 5° 9 | M 3 |
| T 4 | 22 52 54 | 11°41'05 | 25°25 | 23°37 | 19°15 | 23°58 | 6°24 | 27°57 | 18° 8 | 20°48 | 7°43 | 4°48 | 5°47 | 13°19 | 5°16 | T 4 |
| W 5 | 22 56 51 | 12°39'05 | 7♌34 | 24°50 | 20°30 | 24°37 | 6°16 | 27°58 | 18°11 | 20°49 | 7°42 | 4°45 | 5°44 | 13°26 | 5°22 | W 5 |
| T 6 | 23 0 48 | 13°37'06 | 19°35 | 26° 9 | 21°44 | 25°16 | 6° 9 | 27°58 | 18°15 | 20°50 | 7°41 | 4°43 | 5°41 | 13°32 | 5°29 | T 6 |
| F 7 | 23 4 44 | 14°35'09 | 1♍28 | 27°34 | 22°58 | 25°55 | 6° 1 | 27°59 | 18°18 | 20°51 | 7°39 | 4°D42 | 5°37 | 13°39 | 5°35 | F 7 |
| S 8 | 23 8 41 | 15°33'13 | 13°17 | 29° 3 | 24°13 | 26°34 | 5°53 | 27°59 | 18°21 | 20°52 | 7°38 | 4°42 | 5°34 | 13°46 | 5°42 | S 8 |
| S 9 | 23 12 37 | 16°31'20 | 25° 4 | 0♍37 | 25°27 | 27°13 | 5°46 | 27°59 | 18°25 | 20°53 | 7°37 | 4°43 | 5°31 | 13°52 | 5°48 | S 9 |
| M10 | 23 16 34 | 17°29'28 | 6♌53 | 2°16 | 26°41 | 27°52 | 5°38 | 27°R59 | 18°28 | 20°54 | 7°36 | 4°45 | 5°28 | 13°59 | 5°55 | M10 |
| T 11 | 23 20 30 | 18°27'38 | 18°46 | 3°57 | 27°56 | 28°32 | 5°30 | 27°59 | 18°32 | 20°56 | 7°34 | 4°46 | 5°25 | 14° 6 | 6° 2 | T 11 |
| W12 | 23 24 27 | 19°25'51 | 0♍48 | 5°42 | 29°10 | 29°11 | 5°23 | 27°59 | 18°35 | 20°57 | 7°33 | 4°47 | 5°21 | 14°12 | 6° 9 | W12 |
| T 13 | 23 28 23 | 20°24'05 | 13° 4 | 7°29 | 0♌25 | 29°50 | 5°16 | 27°58 | 18°38 | 20°58 | 7°32 | 4°48 | 5°18 | 14°19 | 6°16 | T 13 |
| F 14 | 23 32 20 | 21°22'21 | 25°38 | 9°18 | 1°39 | 0♌30 | 5° 8 | 27°58 | 18°41 | 21° 0 | 7°31 | 4°R48 | 5°15 | 14°25 | 6°23 | F 14 |
| S 15 | 23 36 17 | 22°20'39 | 8♌34 | 11° 9 | 2°53 | 1°10 | 5° 1 | 27°57 | 18°45 | 21° 1 | 7°29 | 4°48 | 5°12 | 14°32 | 6°30 | S 15 |
| S 16 | 23 40 13 | 23°19'00 | 21°55 | 13° 1 | 4° 8 | 1°49 | 4°54 | 27°57 | 18°48 | 21° 2 | 7°28 | 4°47 | 5° 9 | 14°39 | 6°37 | S 16 |
| M17 | 23 44 10 | 24°17'22 | 5♌44 | 14°54 | 5°22 | 2°29 | 4°47 | 27°56 | 18°51 | 21° 4 | 7°27 | 4°45 | 5° 6 | 14°45 | 6°44 | M17 |
| T 18 | 23 48 6 | 25°15'47 | 19°59 | 16°47 | 6°37 | 3° 9 | 4°40 | 27°55 | 18°54 | 21° 5 | 7°26 | 4°44 | 5° 2 | 14°52 | 6°51 | T 18 |
| W19 | 23 52 3 | 26°14'13 | 4♍38 | 18°41 | 7°51 | 3°49 | 4°33 | 27°54 | 18°58 | 21° 7 | 7°24 | 4°43 | 4°59 | 14°59 | 6°58 | W19 |
| T 20 | 23 55 59 | 27°12'41 | 19°34 | 20°35 | 9° 5 | 4°29 | 4°26 | 27°53 | 19° 1 | 21° 8 | 7°23 | 4°43 | 4°56 | 15° 5 | 7° 6 | T 20 |
| F 21 | 23 59 56 | 28°11'12 | 4♌42 | 22°28 | 10°20 | 5° 9 | 4°20 | 27°52 | 19° 4 | 21°10 | 7°22 | 4°D42 | 4°53 | 15°12 | 7°13 | F 21 |
| S 22 | 0 3 52 | 29° 9'44 | 19°50 | 24°21 | 11°34 | 5°49 | 4°13 | 27°51 | 19° 7 | 21°11 | 7°21 | 4°43 | 4°50 | 15°19 | 7°20 | S 22 |
| S 23 | 0 7 49 | 0♌8'18 | 4♌50 | 26°14 | 12°49 | 6°29 | 4° 7 | 27°49 | 19°10 | 21°13 | 7°20 | 4°43 | 4°47 | 15°25 | 7°28 | S 23 |
| M24 | 0 11 45 | 1° 6'53 | 19°35 | 28° 6 | 14° 3 | 7°10 | 4° 1 | 27°48 | 19°13 | 21°14 | 7°19 | 4°43 | 4°43 | 15°32 | 7°35 | M24 |
| T25 | 0 15 42 | 2° 5'31 | 3♌58 | 29°58 | 15°17 | 7°50 | 3°55 | 27°46 | 19°16 | 21°16 | 7°17 | 4°44 | 4°40 | 15°39 | 7°43 | T25 |
| W26 | 0 19 39 | 3° 4'10 | 17°58 | 1♌48 | 16°32 | 8°30 | 3°49 | 27°45 | 19°19 | 21°17 | 7°16 | 4°44 | 4°37 | 15°45 | 7°50 | W26 |
| T 27 | 0 23 35 | 4° 2'50 | 1♌34 | 3°38 | 17°46 | 9°11 | 3°43 | 27°43 | 19°22 | 21°19 | 7°15 | 4°44 | 4°34 | 15°52 | 7°58 | T 27 |
| F 28 | 0 27 32 | 5° 1'33 | 14°45 | 5°27 | 19° 1 | 9°51 | 3°37 | 27°41 | 19°25 | 21°21 | 7°14 | 4°44 | 4°31 | 15°58 | 8° 6 | F 28 |
| S 29 | 0 31 28 | 6° 0'17 | 27°36 | 7°15 | 20°15 | 10°32 | 3°32 | 27°39 | 19°27 | 21°22 | 7°13 | 4°44 | 4°27 | 16° 5 | 8°14 | S 29 |
| S 30 | 0 35 25 | 6♌59'02 | 10♌ 9 | 9♌ 2 | 21♌30 | 11♌13 | 3♌26 | 27♌37 | 19♌30 | 21♌24 | 7♌12 | 4♌44 | 4♌24 | 16♍12 | 8♌21 | S 30 |

| Day | ☉ | ☾ | | ♀ | | ♀ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | |
|------|------|-------|------|-------|------|------|------|-------|------|-------|-------|-------|------|-------|------|-------|------|-------|-------|-------|------|------|-------|------|-----|------|-----|------|-----|--|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | |
| S 1 | 8n16 | 17s 9 | 5n 6 | 13n59 | 0s38 | 7n 0 | 1n25 | 8s29 | 0n 5 | 10s12 | 1 s18 | 17n25 | 2s18 | 16n 3 | 0n39 | 16s15 | 1n43 | 20s 0 | 12s17 | 1 s59 | 2s21 | 4n32 | 11s54 | 1n20 | | | | | | |
| S 2 | 7 54 | 15 23 | 4 43 | 13 58 | 0 22 | 6 31 | 1 25 | 8 44 | 0 4 | 10 15 | 1 18 | 17 25 | 2 18 | 16 1 | 0 39 | 16 16 | 1 43 | 20 0 | 12 17 | 1 57 | 2 20 | 4 34 | 11 56 | 1 20 | | | | | | |
| M 3 | 7 32 | 12 54 | 4 7 | 13 53 | 0 6 | 6 2 | 1 25 | 8 59 | 0 4 | 10 18 | 1 18 | 17 25 | 2 18 | 16 0 | 0 39 | 16 16 | 1 43 | 20 1 | 12 17 | 1 56 | 2 19 | 4 36 | 11 57 | 1 20 | | | | | | |
| T 4 | 7 10 | 9 53 | 3 20 | 13 45 | 0n 8 | 5 32 | 1 24 | 9 14 | 0 3 | 10 21 | 1 18 | 17 25 | 2 19 | 15 59 | 0 39 | 16 16 | 1 42 | 20 1 | 12 17 | 1 54 | 2 18 | 4 37 | 11 59 | 1 20 | | | | | | |
| W 5 | 6 48 | 6 29 | 2 24 | 13 34 | 0 22 | 5 3 | 1 24 | 9 29 | 0 2 | 10 24 | 1 18 | 17 25 | 2 19 | 15 58 | 0 39 | 16 17 | 1 42 | 20 2 | 12 17 | 1 53 | 2 16 | 4 39 | 12 1 | 1 21 | | | | | | |
| T 6 | 6 26 | 2 51 | 1 23 | 13 19 | 0 35 | 4 33 | 1 24 | 9 44 | 0 2 | 10 27 | 1 18 | 17 25 | 2 19 | 15 57 | 0 39 | 16 17 | 1 42 | 20 2 | 12 17 | 1 52 | 2 15 | 4 41 | 12 3 | 1 21 | | | | | | |
| F 7 | 6 4 | 0n51 | 0 18 | 13 1 | 0 46 | 4 3 | 1 23 | 9 59 | 0 1 | 10 30 | 1 18 | 17 25 | 2 19 | 15 56 | 0 39 | 16 17 | 1 42 | 20 3 | 12 17 | 1 52 | 2 14 | 4 43 | 12 5 | 1 21 | | | | | | |
| S 8 | 5 41 | 4 31 | 0s47 | 12 40 | 0 57 | 3 33 | 1 23 | 10 14 | 0 0 | 10 33 | 1 18 | 17 25 | 2 19 | 15 55 | 0 39 | 16 18 | 1 42 | 20 3 | 12 17 | 1 52 | 2 13 | 4 45 | 12 7 | 1 21 | | | | | | |
| S 9 | 5 19 | 7 58 | 1 50 | 12 16 | 1 7 | 3 3 | 1 22 | 10 28 | 0s 0 | 10 36 | 1 18 | 17 25 | 2 20 | 15 54 | 0 39 | 16 18 | 1 42 | 20 4 | 12 17 | 1 52 | 2 11 | 4 46 | 12 9 | 1 21 | | | | | | |
| M10 | 4 56 | 11 8 | 2 49 | 11 50 | 1 15 | 2 33 | 1 21 | 10 43 | 0 1 | 10 39 | 1 18 | 17 24 | 2 20 | 15 53 | 0 39 | 16 19 | 1 42 | 20 4 | 12 17 | 1 53 | 2 10 | 4 48 | 12 11 | 1 22 | | | | | | |
| T 11 | 4 33 | 13 50 | 3 41 | 11 20 | 1 23 | 2 3 | 1 20 | 10 58 | 0 2 | 10 41 | 1 18 | 17 24 | 2 20 | 15 52 | 0 39 | 16 19 | 1 42 | 20 4 | 12 17 | 1 54 | 2 9 | 4 50 | 12 13 | 1 22 | | | | | | |
| W12 | 4 11 | 15 59 | 4 23 | 10 48 | 1 30 | 1 33 | 1 20 | 11 12 | 0 3 | 10 44 | 1 18 | 17 24 | 2 20 | 15 51 | 0 39 | 16 19 | 1 42 | 20 5 | 12 17 | 1 54 | 2 8 | 4 52 | 12 15 | 1 22 | | | | | | |
| T 13 | 3 48 | 17 27 | 4 55 | 10 13 | 1 35 | 1 2 | 1 19 | 11 27 | 0 3 | 10 47 | 1 18 | 17 24 | 2 20 | 15 50 | 0 39 | 16 20 | 1 42 | 20 5 | 12 17 | 1 54 | 2 6 | 4 53 | 12 17 | 1 22 | | | | | | |
| F 14 | 3 25 | 18 6 | 5 13 | 9 36 | 1 40 | 0 32 | 1 18 | 11 41 | 0 4 | 10 50 | 1 18 | 17 23 | 2 21 | 15 49 | 0 39 | 16 20 | 1 42 | 20 6 | 12 17 | 1 54 | 2 5 | 4 55 | 12 20 | 1 22 | | | | | | |
| S 15 | 3 2 | 17 51 | 5 17 | 8 58 | 1 43 | 0 2 | 1 17 | 11 56 | 0 5 | 10 52 | 1 18 | 17 23 | 2 21 | 15 48 | 0 39 | 16 20 | 1 42 | 20 6 | 12 17 | 1 54 | 2 4 | 4 57 | 12 22 | 1 23 | | | | | | |
| S 16 | 2 39 | 16 38 | 5 3 | 8 17 | 1 46 | 0s29 | 1 16 | 12 10 | 0 5 | 10 55 | 1 18 | 17 23 | 2 21 | 15 47 | 0 39 | 16 21 | 1 42 | 20 7 | 12 17 | 1 54 | 2 2 | 4 59 | 12 24 | 1 23 | | | | | | |
| M17 | 2 16 | 14 24 | 4 32 | 7 36 | 1 48 | 0 59 | 1 14 | 12 24 | 0 6 | 10 57 | 1 18 | 17 22 | 2 21 | 15 46 | 0 39 | 16 21 | 1 42 | 20 7 | 12 17 | 1 53 | 2 1 | 5 0 | 12 26 | 1 23 | | | | | | |
| T 18 | 1 53 | 11 15 | 3 44 | 6 52 | 1 49 | 1 30 | 1 13 | 12 39 | 0 7 | 11 0 | 1 18 | 17 22 | 2 21 | 15 45 | 0 39 | 16 22 | 1 42 | 20 8 | 12 17 | 1 53 | 2 0 | 5 2 | 12 28 | 1 23 | | | | | | |
| W19 | 1 30 | 7 19 | 2 40 | 6 8 | 1 49 | 2 0 | 1 12 | 12 53 | 0 7 | 11 2 | 1 18 | 17 22 | 2 22 | 15 44 | 0 39 | 16 22 | 1 42 | 20 8 | 12 16 | 1 52 | 1 59 | 5 4 | 12 30 | 1 23 | | | | | | |
| T 20 | 1 6 | 2 51 | 1 23 | 5 23 | 1 48 | 2 31 | 1 11 | 13 7 | 0 8 | 11 5 | 1 18 | 17 21 | 2 22 | 15 43 | 0 39 | 16 23 | 1 42 | 20 8 | 12 16 | 1 52 | 1 57 | 5 6 | 12 32 | 1 24 | | | | | | |
| F 21 | 0 43 | 1s52 | 0 0 | 4 37 | 1 47 | 3 1 | 1 9 | 13 21 | 0 9 | 11 7 | 1 18 | 17 21 | 2 22 | 15 42 | 0 39 | 16 23 | 1 42 | 20 9 | 12 16 | 1 52 | 1 56 | 5 7 | 12 35 | 1 24 | | | | | | |
| S 22 | 0 20 | 6 28 | 1n23 | 3 51 | 1 45 | 3 32 | 1 8 | 13 35 | 0 9 | 11 10 | 1 18 | 17 20 | 2 22 | 15 41 | 0 39 | 16 23 | 1 42 | 20 9 | 12 16 | 1 52 | 1 55 | 5 9 | 12 37 | 1 24 | | | | | | |
| S 23 | 0s 3 | 10 36 | 2 40 | 3 4 | 1 43 | 4 2 | 1 6 | 13 49 | 0 10 | 11 12 | 1 18 | 17 20 | 2 22 | 15 41 | 0 39 | 16 24 | 1 42 | 20 10 | 12 16 | 1 52 | 1 54 | 5 11 | 12 39 | 1 24 | | | | | | |
| M24 | 0 27 | 13 59 | 3 45 | 2 17 | 1 40 | 4 32 | 1 5 | 14 3 | 0 11 | 11 14 | 1 18 | 17 19 | 2 22 | 15 40 | 0 39 | 16 24 | 1 42 | 20 10 | 12 16 | 1 52 | 1 52 | 5 13 | 12 41 | 1 24 | | | | | | |
| T25 | 0 50 | 16 26 | 4 34 | 1 30 | 1 37 | 5 2 | 1 3 | 14 16 | 0 11 | 11 16 | 1 18 | 17 19 | 2 23 | 15 39 | 0 39 | 16 25 | 1 41 | 20 10 | 12 16 | 1 53 | 1 51 | 5 14 | 12 43 | 1 25 | | | | | | |
| W26 | 1 13 | 17 48 | 5 5 | 0 42 | 1 33 | 5 32 | 1 2 | 14 30 | 0 12 | 11 18 | 1 18 | 17 18 | 2 23 | 15 38 | 0 39 | 16 25 | 1 41 | 20 11 | 12 16 | 1 53 | 1 50 | 5 16 | 12 46 | 1 25 | | | | | | |
| T 27 | 1 36 | 18 6 | 5 18 | 0s 5 | 1 28 | 6 2 | 1 0 | 14 44 | 0 12 | 11 20 | 1 18 | 17 18 | 2 23 | 15 37 | 0 40 | 16 26 | 1 41 | 20 11 | 12 16 | 1 53 | 1 49 | 5 18 | 12 48 | 1 25 | | | | | | |
| F 28 | 2 0 | 17 24 | 5 13 | 0 53 | 1 24 | 6 32 | 0 58 | 14 57 | 0 13 | 11 22 | 1 18 | 17 17 | 2 23 | 15 36 | 0 40 | 16 26 | 1 41 | 20 11 | 12 16 | 1 53 | 1 47 | 5 20 | 12 50 | 1 25 | | | | | | |
| S 29 | 2 23 | 15 49 | 4 53 | 1 40 | 1 19 | 7 2 | 0 56 | 15 10 | 0 14 | 11 24 | 1 18 | 17 16 | 2 23 | 15 35 | 0 40 | 16 27 | 1 41 | 20 12 | 12 16 | 1 53 | 1 46 | 5 21 | 12 52 | 1 26 | | | | | | |
| S 30 | 2s46 | 13s30 | 4n19 | 2s27 | 1n14 | 7s31 | 0n54 | 15s24 | 0s14 | 11s26 | 1s18 | 17n16 | 2s24 | 15n34 | 0n40 | 16s27 | 1n41 | 20s12 | 12s16 | 1s53 | 1s45 | 5n23 | 12s55 | 1n26 | | | | | | |

ASTRODIENST EPHEMERIS for the year 2294

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OCTOBER 2294

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|---------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|---------------------|---------------------|---------------------|--------------------|--------------------|--------------------|---------------------|---------------------|------|
| M 1 | 0 39 21 | 7 ⁵⁵ 50 | 22 ²² 27 | 10 ⁴⁹ 49 | 22 ⁴⁴ 44 | 11 ⁵³ 53 | 3 ⁰ R21 | 27 ⁰ R35 | 19 ⁰ Ω33 | 21 ⁰ Ω26 | 7 ⁰ R11 | 4 ⁰ Ω44 | 4 ⁰ Ω21 | 16 ⁰ Υ18 | 8 ⁰ Ω29 | M 1 |
| T 2 | 0 43 18 | 8 ⁵⁶ 39 | 4 ³³ 33 | 12 ³⁴ 34 | 23 ⁵⁸ 58 | 12 ³⁴ 34 | 3 ¹⁶ 16 | 27 ⁰ Ω32 | 19 ⁰ 36 | 21 ⁰ 28 | 7 ¹⁰ 10 | 4 ⁴⁵ 45 | 4 ⁰ 18 | 16 ²⁵ 25 | 8 ³⁷ 37 | T 2 |
| W 3 | 0 47 14 | 9 ⁵⁵ 30 | 16 ³² 32 | 14 ¹⁸ 18 | 25 ¹³ 13 | 13 ¹⁵ 15 | 3 ¹¹ 11 | 27 ⁰ 30 | 19 ⁰ 38 | 21 ⁰ 29 | 7 ⁹ 9 | 4 ⁴⁵ 45 | 4 ⁰ 15 | 16 ³² 32 | 8 ⁴⁵ 45 | W 3 |
| T 4 | 0 51 11 | 10 ⁵⁴ 22 | 28 ²⁴ 24 | 16 ² 2 | 26 ²⁷ 27 | 13 ⁵⁶ 56 | 3 ⁶ 6 | 27 ⁰ 27 | 19 ⁰ 41 | 21 ⁰ 31 | 7 ⁸ 8 | 4 ⁴⁵ 45 | 4 ⁰ 12 | 16 ³⁸ 38 | 8 ⁵³ 53 | T 4 |
| F 5 | 0 55 8 | 11 ⁵³ 17 | 10 ⁵³ 13 | 17 ⁴⁵ 45 | 27 ⁴² 42 | 14 ³⁷ 37 | 3 ² 2 | 27 ⁰ 25 | 19 ⁰ 44 | 21 ⁰ 33 | 7 ⁷ 7 | 4 ⁰ R45 | 4 ⁸ 8 | 16 ⁴⁵ 45 | 9 ¹ 1 | F 5 |
| S 6 | 0 59 4 | 12 ⁵² 14 | 22 ² 1 | 19 ²⁶ 26 | 28 ⁵⁶ 56 | 15 ¹⁸ 18 | 2 ⁵⁷ 57 | 27 ⁰ 22 | 19 ⁰ 46 | 21 ⁰ 35 | 7 ⁶ 6 | 4 ⁴⁵ 45 | 4 ⁵ 5 | 16 ⁵² 52 | 9 ⁹ 9 | S 6 |
| S 7 | 1 3 1 | 13 ⁵¹ 12 | 3 ⁵⁰ 50 | 21 ⁷ 7 | 0 ¹⁰ 10 | 15 ⁵⁹ 59 | 2 ⁵³ 53 | 27 ⁰ 19 | 19 ⁰ 49 | 21 ⁰ 37 | 7 ⁵ 5 | 4 ⁴⁴ 44 | 4 ² 2 | 16 ⁵⁸ 58 | 9 ¹⁷ 17 | S 7 |
| M 8 | 1 6 57 | 14 ⁵⁰ 13 | 15 ⁴² 42 | 22 ⁴⁷ 47 | 1 ²⁵ 25 | 16 ⁴⁰ 40 | 2 ⁴⁹ 49 | 27 ⁰ 17 | 19 ⁰ 51 | 21 ⁰ 38 | 7 ⁴ 4 | 4 ⁴³ 43 | 3 ⁵⁹ 59 | 17 ⁵ 5 | 9 ²⁵ 25 | M 8 |
| T 9 | 1 10 54 | 15 ⁴⁹ 16 | 27 ⁴⁰ 40 | 24 ²⁶ 26 | 2 ³⁹ 39 | 17 ²² 22 | 2 ⁴⁵ 45 | 27 ⁰ 14 | 19 ⁰ 54 | 21 ⁰ 40 | 7 ³ 3 | 4 ⁴¹ 41 | 3 ⁵⁶ 56 | 17 ¹² 12 | 9 ³³ 33 | T 9 |
| W10 | 1 14 50 | 16 ⁴⁸ 22 | 9 ⁴⁷ 47 | 26 ⁵ 5 | 3 ⁵⁴ 54 | 18 ³ 3 | 2 ⁴² 42 | 27 ⁰ 11 | 19 ⁰ 56 | 21 ⁰ 42 | 7 ² 2 | 4 ⁴⁰ 40 | 3 ⁵² 52 | 17 ¹⁸ 18 | 9 ⁴¹ 41 | W10 |
| T 11 | 1 18 47 | 17 ⁴⁷ 29 | 22 ⁵ 5 | 27 ⁴² 42 | 5 ⁸ 8 | 18 ⁴⁴ 44 | 2 ³⁸ 38 | 27 ⁰ 7 | 19 ⁰ 59 | 21 ⁰ 44 | 7 ¹ 1 | 4 ³⁸ 38 | 3 ⁴⁹ 49 | 17 ²⁵ 25 | 9 ⁴⁹ 49 | T 11 |
| F 12 | 1 22 43 | 18 ⁴⁶ 39 | 4 ³⁸ 38 | 29 ¹⁹ 19 | 6 ²² 22 | 19 ²⁶ 26 | 2 ³⁵ 35 | 27 ⁰ 4 | 20 ¹ 1 | 21 ⁰ 46 | 7 ⁰ 0 | 4 ³⁷ 37 | 3 ⁴⁶ 46 | 17 ³² 32 | 9 ⁵⁷ 57 | F 12 |
| S 13 | 1 26 40 | 19 ⁴⁵ 51 | 17 ³⁰ 30 | 0 ⁵⁵ 55 | 7 ³⁷ 37 | 20 ⁷ 7 | 2 ³² 32 | 27 ⁰ 1 | 20 ³ 3 | 21 ⁰ 48 | 6 ⁵⁹ 59 | 4 ⁰ D37 | 3 ⁴³ 43 | 17 ³⁸ 38 | 10 ⁶ 6 | S 13 |
| S 14 | 1 30 37 | 20 ⁴⁵ 06 | 0 ⁴⁴ 44 | 2 ³⁰ 30 | 8 ⁵¹ 51 | 20 ⁴⁹ 49 | 2 ²⁹ 29 | 26 ⁵⁸ 58 | 20 ⁵ 5 | 21 ⁰ 50 | 6 ⁵⁸ 58 | 4 ³⁷ 37 | 3 ⁴⁰ 40 | 17 ⁴⁵ 45 | 10 ¹⁴ 14 | S 14 |
| M15 | 1 34 33 | 21 ⁴⁴ 23 | 14 ²² 22 | 4 ⁴ 4 | 10 ⁶ 6 | 21 ³¹ 31 | 2 ²⁶ 26 | 26 ⁵⁴ 54 | 20 ⁸ 8 | 21 ⁰ 52 | 6 ⁵⁷ 57 | 4 ³⁸ 38 | 3 ³⁷ 37 | 17 ⁵² 52 | 10 ²² 22 | M15 |
| T 16 | 1 38 30 | 22 ⁴³ 42 | 28 ²⁵ 25 | 5 ³⁸ 38 | 11 ²⁰ 20 | 22 ¹² 12 | 2 ²³ 23 | 26 ⁵¹ 51 | 20 ¹⁰ 10 | 21 ⁰ 54 | 6 ⁵⁷ 57 | 4 ³⁹ 39 | 3 ³³ 33 | 17 ⁵⁸ 58 | 10 ³⁰ 30 | T 16 |
| W17 | 1 42 26 | 23 ⁴³ 03 | 12 ⁵⁴ 54 | 7 ¹¹ 11 | 12 ³⁵ 35 | 22 ⁵⁴ 54 | 2 ²¹ 21 | 26 ⁴⁷ 47 | 20 ¹² 12 | 21 ⁰ 56 | 6 ⁵⁶ 56 | 4 ⁴⁰ 40 | 3 ³⁰ 30 | 18 ⁵ 5 | 10 ³⁹ 39 | W17 |
| T 18 | 1 46 23 | 24 ⁴² 26 | 27 ⁴⁴ 44 | 8 ⁴⁴ 44 | 13 ⁴⁹ 49 | 23 ³⁶ 36 | 2 ¹⁹ 19 | 26 ⁴³ 43 | 20 ¹⁴ 14 | 21 ⁰ 58 | 6 ⁵⁵ 55 | 4 ⁰ R41 | 3 ²⁷ 27 | 18 ¹¹ 11 | 10 ⁴⁷ 47 | T 18 |
| F 19 | 1 50 19 | 25 ⁴¹ 52 | 12 ⁴⁹ 49 | 10 ¹⁵ 15 | 15 ³ 3 | 24 ¹⁸ 18 | 2 ¹⁷ 17 | 26 ⁴⁰ 40 | 20 ¹⁶ 16 | 22 ⁰ 0 | 6 ⁵⁴ 54 | 4 ⁴¹ 41 | 3 ²⁴ 24 | 18 ¹⁸ 18 | 10 ⁵⁵ 55 | F 19 |
| S 20 | 1 54 16 | 26 ⁴¹ 20 | 28 ² 2 | 11 ⁴⁶ 46 | 16 ¹⁸ 18 | 25 ⁰ 0 | 2 ¹⁵ 15 | 26 ³⁶ 36 | 20 ¹⁸ 18 | 22 ² 2 | 6 ⁵³ 53 | 4 ⁴⁰ 40 | 3 ²¹ 21 | 18 ²⁵ 25 | 11 ⁴ 4 | S 20 |
| S 21 | 1 58 12 | 27 ⁴⁰ 50 | 13 ¹² 12 | 13 ¹⁶ 16 | 17 ³² 32 | 25 ⁴² 42 | 2 ¹⁴ 14 | 26 ³² 32 | 20 ²⁰ 20 | 22 ⁴ 4 | 6 ⁵³ 53 | 4 ³⁸ 38 | 3 ¹⁸ 18 | 18 ³¹ 31 | 11 ¹² 12 | S 21 |
| M22 | 2 2 9 | 28 ⁴⁰ 22 | 28 ¹⁰ 10 | 14 ⁴⁶ 46 | 18 ⁴⁷ 47 | 26 ²⁴ 24 | 2 ¹² 12 | 26 ²⁸ 28 | 20 ²² 22 | 22 ⁶ 6 | 6 ⁵² 52 | 4 ³⁴ 34 | 3 ¹⁴ 14 | 18 ³⁸ 38 | 11 ²¹ 21 | M22 |
| T 23 | 2 6 5 | 29 ³⁹ 55 | 12 ⁴⁸ 48 | 16 ¹⁵ 15 | 20 ¹ 1 | 27 ⁷ 7 | 2 ¹¹ 11 | 26 ²⁴ 24 | 20 ²⁴ 24 | 22 ⁹ 9 | 6 ⁵¹ 51 | 4 ³¹ 31 | 3 ¹¹ 11 | 18 ⁴⁵ 45 | 11 ²⁹ 29 | T 23 |
| W24 | 2 10 2 | 0 ³⁹ 31 | 27 ⁰ 0 | 17 ⁴³ 43 | 21 ¹⁵ 15 | 27 ⁴⁹ 49 | 2 ¹⁰ 10 | 26 ²⁰ 20 | 20 ²⁶ 26 | 22 ¹¹ 11 | 6 ⁵¹ 51 | 4 ²⁸ 28 | 3 ⁸ 8 | 18 ⁵¹ 51 | 11 ³⁷ 37 | W24 |
| T 25 | 2 13 59 | 1 ³⁹ 08 | 10 ⁴⁴ 44 | 19 ¹¹ 11 | 22 ³⁰ 30 | 28 ³¹ 31 | 2 ⁹ 9 | 26 ¹⁶ 16 | 20 ²⁷ 27 | 22 ¹³ 13 | 6 ⁵⁰ 50 | 4 ²⁵ 25 | 3 ⁵ 5 | 18 ⁵⁸ 58 | 11 ⁴⁶ 46 | T 25 |
| F 26 | 2 17 55 | 2 ³⁸ 47 | 24 ⁰ 0 | 20 ³⁷ 37 | 23 ⁴⁴ 44 | 29 ¹⁴ 14 | 2 ⁹ 9 | 26 ¹¹ 11 | 20 ²⁹ 29 | 22 ¹⁵ 15 | 6 ⁴⁹ 49 | 4 ²³ 23 | 3 ² 2 | 19 ⁵ 5 | 11 ⁵⁴ 54 | F 26 |
| S 27 | 2 21 52 | 3 ³⁸ 28 | 6 ⁵⁰ 50 | 22 ³ 3 | 24 ⁵⁹ 59 | 29 ⁵⁶ 56 | 2 ⁸ 8 | 26 ⁷ 7 | 20 ³¹ 31 | 22 ¹⁷ 17 | 6 ⁴⁹ 49 | 4 ⁰ D23 | 2 ⁵⁸ 58 | 19 ¹¹ 11 | 12 ³ 3 | S 27 |
| S 28 | 2 25 48 | 4 ³⁸ 10 | 19 ²⁰ 20 | 23 ²⁹ 29 | 26 ¹³ 13 | 0 ³⁹ 39 | 2 ⁰ D 8 | 26 ³ 3 | 20 ³² 32 | 22 ¹⁹ 19 | 6 ⁴⁸ 48 | 4 ²⁴ 24 | 2 ⁵⁵ 55 | 19 ¹⁸ 18 | 12 ¹¹ 11 | S 28 |
| M29 | 2 29 45 | 5 ³⁷ 54 | 1 ³² 32 | 24 ⁵³ 53 | 27 ²⁷ 27 | 1 ²¹ 21 | 2 ⁸ 8 | 25 ⁵⁸ 58 | 20 ³⁴ 34 | 22 ²¹ 21 | 6 ⁴⁸ 48 | 4 ²⁶ 26 | 2 ⁵² 52 | 19 ²⁵ 25 | 12 ²⁰ 20 | M29 |
| T 30 | 2 33 41 | 6 ³⁷ 40 | 13 ³¹ 31 | 26 ¹⁷ 17 | 28 ⁴² 42 | 2 ⁴ 4 | 2 ⁹ 9 | 25 ⁵⁴ 54 | 20 ³⁵ 35 | 22 ²⁴ 24 | 6 ⁴⁷ 47 | 4 ²⁷ 27 | 2 ⁴⁹ 49 | 19 ³¹ 31 | 12 ²⁸ 28 | T 30 |
| W31 | 2 37 38 | 7 ³⁷ 27 | 25 ²³ 23 | 27 ⁴⁰ 40 | 29 ⁵⁶ 56 | 2 ⁴⁷ 47 | 2 ⁸ 8 | 25 ⁵⁰ 50 | 20 ³⁷ 37 | 22 ²⁶ 26 | 6 ⁴⁷ 47 | 4 ²⁹ 29 | 2 ⁴⁶ 46 | 19 ³⁸ 38 | 12 ³⁷ 37 | W31 |

| Day | ☉ | ☾ | | ♀ | | ♀ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | |
|------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|------|------|------|-------|------|-----|------|-----|------|-----|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat |
| M 1 | 3s 9 | 10s38 | 3n34 | 3s13 | 1n 8 | 8s 1 | 0n53 | 15s37 | 0s15 | 11s28 | 1s18 | 17n15 | 2s24 | 15n33 | 0n40 | 16s28 | 1n41 | 20s12 | 12s15 | 1s53 | 1s44 | 5n25 | 12s57 | 1n26 | | | | | |
| T 2 | 3 32 | 7 20 | 2 40 | 4 0 | 1 3 | 8 30 | 0 51 | 15 50 | 0 16 | 11 30 | 1 17 | 17 14 | 2 24 | 15 33 | 0 40 | 16 28 | 1 41 | 20 13 | 12 15 | 1 53 | 1 42 | 5 27 | 12 59 | 1 26 | | | | | |
| W 3 | 3 55 | 3 47 | 1 40 | 4 46 | 0 57 | 8 59 | 0 49 | 16 3 | 0 16 | 11 31 | 1 17 | 17 14 | 2 24 | 15 32 | 0 40 | 16 29 | 1 41 | 20 13 | 12 15 | 1 53 | 1 41 | 5 28 | 13 2 | 1 26 | | | | | |
| T 4 | 4 19 | 0 6 | 0 35 | 5 31 | 0 50 | 9 28 | 0 47 | 16 16 | 0 17 | 11 33 | 1 17 | 17 13 | 2 24 | 15 31 | 0 40 | 16 29 | 1 41 | 20 13 | 12 15 | 1 53 | 1 40 | 5 30 | 13 4 | 1 27 | | | | | |
| F 5 | 4 42 | 3n34 | 0s30 | 6 16 | 0 44 | 9 57 | 0 44 | 16 28 | 0 18 | 11 35 | 1 17 | 17 12 | 2 24 | 15 30 | 0 40 | 16 30 | 1 41 | 20 13 | 12 15 | 1 53 | 1 39 | 5 32 | 13 6 | 1 27 | | | | | |
| S 6 | 5 4 | 7 6 | 1 34 | 7 1 | 0 38 | 10 25 | 0 42 | 16 41 | 0 18 | 11 36 | 1 17 | 17 12 | 2 24 | 15 29 | 0 40 | 16 30 | 1 41 | 20 14 | 12 15 | 1 53 | 1 37 | 5 34 | 13 8 | 1 27 | | | | | |
| S 7 | 5 27 | 10 21 | 2 35 | 7 45 | 0 31 | 10 53 | 0 40 | 16 54 | 0 19 | 11 37 | 1 17 | 17 11 | 2 25 | 15 29 | 0 40 | 16 31 | 1 41 | 20 14 | 12 15 | 1 53 | 1 36 | 5 35 | 13 11 | 1 27 | | | | | |
| M 8 | 5 50 | 13 11 | 3 28 | 8 28 | 0 24 | 11 21 | 0 38 | 17 6 | 0 19 | 11 39 | 1 17 | 17 10 | 2 25 | 15 28 | 0 40 | 16 31 | 1 41 | 20 14 | 12 15 | 1 52 | 1 35 | 5 37 | 13 13 | 1 28 | | | | | |
| T 9 | 6 13 | 15 29 | 4 13 | 9 11 | 0 18 | 11 49 | 0 36 | 17 18 | 0 20 | 11 40 | 1 17 | 17 9 | 2 25 | 15 27 | 0 40 | 16 32 | 1 41 | 20 14 | 12 14 | 1 52 | 1 34 | 5 39 | 13 15 | 1 28 | | | | | |
| W10 | 6 36 | 17 8 | 4 48 | 9 53 | 0 11 | 12 16 | 0 33 | 17 30 | 0 21 | 11 41 | 1 17 | 17 8 | 2 25 | 15 26 | 0 40 | 16 32 | 1 41 | 20 15 | 12 14 | 1 51 | 1 32 | 5 41 | 13 18 | 1 28 | | | | | |
| T 11 | 6 58 | 18 1 | 5 9 | 10 35 | 0 4 | 12 43 | 0 31 | 17 43 | 0 21 | 11 42 | 1 16 | 17 8 | 2 25 | 15 26 | 0 40 | 16 33 | 1 41 | 20 15 | 12 14 | 1 50 | 1 31 | 5 42 | 13 20 | 1 28 | | | | | |
| F 12 | 7 21 | 18 2 | 5 17 | 11 16 | 0s 3 | 13 10 | 0 29 | 17 54 | 0 22 | 11 44 | 1 16 | 17 7 | 2 25 | 15 25 | 0 40 | 16 33 | 1 41 | 20 15 | 12 14 | 1 50 | 1 30 | 5 44 | 13 22 | 1 29 | | | | | |
| S 13 | 7 43 | 17 9 | 5 9 | 11 56 | 0 10 | 13 37 | 0 26 | 18 6 | 0 22 | 11 45 | 1 16 | 17 6 | 2 25 | 15 24 | 0 40 | 16 34 | 1 41 | 20 15 | 12 14 | 1 50 | 1 28 | 5 46 | 13 25 | 1 29 | | | | | |
| S 14 | 8 5 | 15 19 | 4 45 | 12 35 | 0 17 | 14 3 | 0 24 | 18 18 | 0 23 | 11 45 | 1 16 | 17 5 | 2 26 | 15 24 | 0 40 | 16 34 | 1 41 | 20 15 | 12 14 | 1 50 | 1 27 | 5 48 | 13 27 | 1 29 | | | | | |
| M15 | 8 28 | 12 36 | 4 4 | 13 14 | 0 24 | 14 29 | 0 22 | 18 29 | 0 24 | 11 46 | 1 16 | 17 4 | 2 26 | 15 23 | 0 40 | 16 35 | 1 41 | 20 15 | 12 13 | 1 50 | 1 26 | 5 49 | 13 29 | 1 29 | | | | | |
| T 16 | 8 50 | 9 4 | 3 7 | 13 52 | 0 31 | 14 54 | 0 19 | 18 41 | 0 24 | 11 47 | 1 16 | 17 3 | 2 26 | 15 22 | 0 40 | 16 35 | 1 41 | 20 16 | 12 13 | 1 51 | 1 25 | 5 51 | 13 32 | 1 30 | | | | | |
| W17 | 9 11 | 4 54 | 1 58 | 14 29 | 0 38 | 15 19 | 0 17 | 18 52 | 0 25 | 11 48 | 1 16 | 17 2 | 2 26 | 15 22 | 0 40 | 16 36 | 1 41 | 20 16 | 12 13 | 1 51 | 1 23 | 5 53 | 13 34 | 1 30 | | | | | |
| T 18 | 9 33 | 0 19 | 0 38 | 15 6 | 0 45 | 15 44 | 0 14 | 19 3 | 0 25 | 11 48 | 1 16 | 17 1 | 2 26 | 15 21 | 0 40 | 16 36 | 1 41 | 20 16 | 12 13 | 1 52 | 1 22 | 5 54 | 13 36 | 1 30 | | | | | |
| F 19 | 9 55 | 4s22 | 0n45 | 15 42 | 0 52 | 16 8 | 0 12 | 19 14 | 0 26 | 11 49 | 1 15 | 17 0 | 2 26 | 15 20 | 0 40 | 16 37 | 1 41 | 20 16 | 12 13 | 1 51 | 1 21 | 5 56 | 13 39 | 1 30 | | | | | |
| S 20 | 10 16 | 8 48 | 2 5 | 16 16 | 0 59 | 16 32 | 0 9 | 19 25 | 0 27 | 11 50 | 1 15 | 16 59 | 2 26 | 15 20 | 0 40 | 16 38 | 1 41 | 20 16 | 12 12 | 1 51 | 1 20 | 5 58 | 13 41 | 1 31 | | | | | |
| S 21 | 10 38 | 12 39 | 3 17 | 16 50 | 1 6 | 16 56 | 0 7 | 19 35 | 0 27 | 11 50 | 1 15 | 16 58 | 2 26 | 15 19 | 0 40 | 16 38 | 1 41 | 20 16 | 12 12 | 1 50 | 1 18 | 6 0 | 13 43 | 1 31 | | | | | |
| M22 | 10 59 | 15 36 | 4 14 | 17 24 | 1 12 | 17 19 | 0 4 | 19 46 | 0 28 | 11 50 | 1 15 | 16 57 | 2 26 | 15 19 | 0 40 | 16 39 | 1 41 | 20 16 | 12 12 | 1 49 | 1 17 | 6 1 | 13 46 | 1 31 | | | | | |
| T 23 | 11 20 | 17 28 | 4 52 | 17 56 | 1 19 | 17 42 | 0 1 | 19 56 | 0 28 | 11 51 | 1 15 | 16 56 | 2 26 | 15 18 | 0 40 | 16 39 | 1 41 | 20 16 | 12 12 | 1 47 | 1 16 | 6 3 | 13 48 | 1 31 | | | | | |
| W24 | 11 41 | 18 10 | 5 12 | 18 27 | 1 25 | 18 4 | 0s 1 | 20 6 | 0 29 | 11 51 | 1 15 | 16 55 | 2 27 | 15 18 | 0 40 | 16 40 | 1 41 | 20 16 | 12 12 | 1 46 | 1 15 | 6 5 | 13 50 | 1 32 | | | | | |
| T 25 | 12 2 | 17 46 | 5 13 | 18 58 | 1 32 | 18 26 | 0 4 | 20 16 | 0 29 | 11 51 | 1 14 | 16 54 | 2 27 | 15 17 | 0 41 | 16 40 | 1 41 | 20 16 | 12 11 | 1 45 | 1 13 | 6 7 | 13 53 | 1 32 | | | | | |
| F 26 | 12 22 | 16 24 | 4 56 | 19 27 | 1 38 | 18 47 | 0 7 | 20 26 | 0 30 | 11 51 | 1 14 | 16 53 | 2 27 | 15 17 | 0 41 | 16 41 | 1 40 | 20 16 | 12 11 | 1 45 | 1 12 | 6 8 | 13 55 | 1 32 | | | | | |
| S 27 | 12 43 | 14 15 | 4 26 | 19 56 | 1 44 | 19 8 | 0 9 | 20 36 | 0 30 | 11 51 | 1 14 | 16 52 | 2 27 | 15 16 | 0 41 | 16 41 | 1 40 | 20 17 | 12 11 | 1 44 | 1 11 | 6 10 | 13 57 | 1 32 | | | | | |
| S 28 | 13 3 | 11 28 | 3 43 | 20 23 | 1 50 | 19 28 | 0 12 | 20 45 | 0 31 | 11 51 | 1 14 | 16 51 | 2 27 | 15 16 | 0 41 | 16 42 | 1 40 | 20 17 | 12 11 | 1 45 | 1 10 | 6 12 | 14 0 | 1 33 | | | | | |
| M29 | 13 23 | 8 15 | 2 51 | 20 50 | 1 56 | 19 48 | 0 15 | 20 55 | 0 32 | 11 51 | 1 14 | 16 50 | 2 27 | 15 15 | 0 41 | 16 43 | 1 40 | 20 17 | 12 11 | 1 45 | 1 8 | 6 13 | 14 2 | 1 33 | | | | | |
| T 30 | 13 42 | 4 44 | 1 52 | 21 15 | 2 1 | 20 7 | 0 17 | 21 4 | 0 32 | 11 50 | 1 14 | 16 49 | 2 27 | 15 15 | 0 41 | 16 43 | 1 40 | 20 17 | 12 10 | 1 46 | 1 7 | 6 15 | 14 4 | 1 33 | | | | | |
| W31 | 14s 2 | 1s 4 | 0n50 | 21s39 | 2s 6 | 20s25 | 0s20 | 21s13 | 0s33 | 11s50 | 1s14 | 16n48 | 2s27 | 15n14 | 0n41 | 16s44 | 1n40 | 20s17 | 12s10 | 1s47 | 1s 6 | 6n17 | 14s 7 | 1n33 | | | | | |

ASTRODIENST EPHEMERIS for the year 2294
geocentric

NOVEMBER 2294

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|---------|----------|--------|--------|-------|-------|------|--------|--------|-------|-------|-------|------|--------|-------|------|
| T 1 | 2 41 34 | 8♉37°16 | 7♊11 | 29♈1 | 1♈10 | 3♈30 | 2♈10 | 25°R45 | 20♈38 | 22♈28 | 6°R46 | 4°R29 | 2♈43 | 19°Y45 | 12♈45 | T 1 |
| F 2 | 2 45 31 | 9°37'07 | 18°58 | 0♈22 | 2°25 | 4°12 | 2°11 | 25♈41 | 20°40 | 22°30 | 6♈46 | 4♈28 | 2°39 | 19°51 | 12°54 | F 2 |
| S 3 | 2 49 28 | 10°37'00 | 0♈48 | 1°42 | 3°39 | 4°55 | 2°12 | 25°36 | 20°41 | 22°32 | 6°45 | 4°25 | 2°36 | 19°58 | 13° 2 | S 3 |
| S 4 | 2 53 24 | 11°36'54 | 12°42 | 3° 1 | 4°53 | 5°38 | 2°13 | 25°31 | 20°42 | 22°35 | 6°45 | 4°20 | 2°33 | 20° 4 | 13°11 | S 4 |
| M 5 | 2 57 21 | 12°36'51 | 24°43 | 4°19 | 6° 8 | 6°21 | 2°14 | 25°27 | 20°43 | 22°37 | 6°44 | 4°14 | 2°30 | 20°11 | 13°19 | M 5 |
| T 6 | 3 1 17 | 13°36'50 | 6♈51 | 5°35 | 7°22 | 7° 4 | 2°16 | 25°22 | 20°44 | 22°39 | 6°44 | 4° 7 | 2°27 | 20°18 | 13°28 | T 6 |
| W 7 | 3 5 14 | 14°36'50 | 19° 8 | 6°49 | 8°36 | 7°48 | 2°18 | 25°17 | 20°46 | 22°41 | 6°44 | 3°59 | 2°24 | 20°24 | 13°36 | W 7 |
| T 8 | 3 9 10 | 15°36'53 | 1♈37 | 8° 3 | 9°51 | 8°31 | 2°20 | 25°12 | 20°47 | 22°43 | 6°43 | 3°52 | 2°20 | 20°31 | 13°45 | T 8 |
| F 9 | 3 13 7 | 16°36'57 | 14°17 | 9°14 | 11° 5 | 9°14 | 2°22 | 25° 8 | 20°48 | 22°46 | 6°43 | 3°46 | 2°17 | 20°38 | 13°53 | F 9 |
| S 10 | 3 17 3 | 17°37'04 | 27°12 | 10°23 | 12°19 | 9°58 | 2°25 | 25° 3 | 20°48 | 22°48 | 6°43 | 3°42 | 2°14 | 20°44 | 14° 2 | S 10 |
| S 11 | 3 21 0 | 18°37'13 | 10♈23 | 11°30 | 13°33 | 10°41 | 2°27 | 24°58 | 20°49 | 22°50 | 6°43 | 3°40 | 2°11 | 20°51 | 14°10 | S 11 |
| M12 | 3 24 57 | 19°37'24 | 23°53 | 12°35 | 14°48 | 11°24 | 2°30 | 24°53 | 20°50 | 22°52 | 6°42 | 3°D40 | 2° 8 | 20°58 | 14°19 | M12 |
| T 13 | 3 28 53 | 20°37'36 | 7♈43 | 13°37 | 16° 2 | 12° 8 | 2°33 | 24°48 | 20°51 | 22°55 | 6°42 | 3°41 | 2° 4 | 21° 4 | 14°27 | T 13 |
| W14 | 3 32 50 | 21°37'51 | 21°54 | 14°36 | 17°16 | 12°52 | 2°37 | 24°44 | 20°52 | 22°57 | 6°42 | 3°42 | 2° 1 | 21°11 | 14°36 | W14 |
| T 15 | 3 36 46 | 22°38'08 | 6♈25 | 15°31 | 18°30 | 13°35 | 2°40 | 24°39 | 20°52 | 22°59 | 6°42 | 3°R42 | 1°58 | 21°18 | 14°44 | T 15 |
| F 16 | 3 40 43 | 23°38'27 | 21°14 | 16°23 | 19°45 | 14°19 | 2°44 | 24°34 | 20°53 | 23° 1 | 6°42 | 3°41 | 1°55 | 21°24 | 14°53 | F 16 |
| S 17 | 3 44 39 | 24°38'48 | 6♈13 | 17°10 | 20°59 | 15° 3 | 2°47 | 24°29 | 20°53 | 23° 4 | 6°42 | 3°37 | 1°52 | 21°31 | 15° 1 | S 17 |
| S 18 | 3 48 36 | 25°39'10 | 21°16 | 17°52 | 22°13 | 15°47 | 2°51 | 24°24 | 20°54 | 23° 6 | 6°42 | 3°32 | 1°49 | 21°38 | 15°10 | S 18 |
| M19 | 3 52 32 | 26°39'35 | 6♈12 | 18°28 | 23°27 | 16°31 | 2°56 | 24°19 | 20°54 | 23° 8 | 6°41 | 3°24 | 1°45 | 21°44 | 15°18 | M19 |
| T 20 | 3 56 29 | 27°40'00 | 20°53 | 18°59 | 24°42 | 17°15 | 3° 0 | 24°14 | 20°55 | 23°10 | 6°D41 | 3°15 | 1°42 | 21°51 | 15°27 | T 20 |
| W21 | 4 0 26 | 28°40'28 | 5♈12 | 19°22 | 25°56 | 17°59 | 3° 5 | 24° 9 | 20°55 | 23°13 | 6°41 | 3° 6 | 1°39 | 21°58 | 15°35 | W21 |
| T 22 | 4 4 22 | 29°40'57 | 19° 3 | 19°38 | 27°10 | 18°43 | 3° 9 | 24° 5 | 20°55 | 23°15 | 6°42 | 2°58 | 1°36 | 22° 4 | 15°43 | T 22 |
| F 23 | 4 8 19 | 0♈41'27 | 2♈25 | 19°R45 | 28°24 | 19°27 | 3°14 | 24° 0 | 20°56 | 23°17 | 6°42 | 2°52 | 1°33 | 22°11 | 15°52 | F 23 |
| S 24 | 4 12 15 | 1°41'58 | 15°21 | 19°44 | 29°39 | 20°11 | 3°19 | 23°55 | 20°56 | 23°19 | 6°42 | 2°48 | 1°29 | 22°18 | 16° 0 | S 24 |
| S 25 | 4 16 12 | 2°42'31 | 27°52 | 19°33 | 0♈53 | 20°56 | 3°25 | 23°50 | 20°56 | 23°22 | 6°42 | 2°D47 | 1°26 | 22°24 | 16° 8 | S 25 |
| M26 | 4 20 8 | 3°43'04 | 10♈ 5 | 19°11 | 2° 7 | 21°40 | 3°30 | 23°45 | 20°R56 | 23°24 | 6°42 | 2°47 | 1°23 | 22°31 | 16°17 | M26 |
| T 27 | 4 24 5 | 4°43'39 | 22° 3 | 18°39 | 3°21 | 22°24 | 3°36 | 23°41 | 20°56 | 23°26 | 6°42 | 2°48 | 1°20 | 22°38 | 16°25 | T 27 |
| W28 | 4 28 1 | 5°44'16 | 3♊53 | 17°56 | 4°35 | 23° 9 | 3°42 | 23°36 | 20°56 | 23°28 | 6°42 | 2°R48 | 1°17 | 22°44 | 16°33 | W28 |
| T 29 | 4 31 58 | 6°44'53 | 15°40 | 17° 3 | 5°49 | 23°53 | 3°48 | 23°31 | 20°56 | 23°30 | 6°43 | 2°47 | 1°14 | 22°51 | 16°41 | T 29 |
| F 30 | 4 35 55 | 7♈45'31 | 27°Y28 | 16♈ 0 | 7♈ 3 | 24°38 | 3♈54 | 23♈27 | 20♈55 | 23♈33 | 6♈43 | 2♈44 | 1♈10 | 22°Y57 | 16♈49 | F 30 |

| Day | ☉ | ☾ | | ♀ | | ♀ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | |
|------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|------|------|------|-------|------|-----|------|-----|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat |
| T 1 | 14s21 | 2n37 | 0s15 | 22s 3 | 2s12 | 20s44 | 0s22 | 21s22 | 0s33 | 11s50 | 1s13 | 16n47 | 2s27 | 15n14 | 0n41 | 16s44 | 1n40 | 20s17 | 12s10 | 1s47 | 1s 5 | 6n19 | 14s 9 | 1n34 | | | |
| F 2 | 14 40 | 6 13 | 1 18 | 22 25 | 2 16 | 21 1 | 0 25 | 21 30 | 0 34 | 11 49 | 1 13 | 16 46 | 2 27 | 15 14 | 0 41 | 16 45 | 1 40 | 20 16 | 12 10 | 1 46 | 1 3 | 6 20 | 14 11 | 1 34 | | | |
| S 3 | 14 59 | 9 34 | 2 19 | 22 46 | 2 21 | 21 18 | 0 28 | 21 39 | 0 34 | 11 49 | 1 13 | 16 45 | 2 27 | 15 13 | 0 41 | 16 45 | 1 40 | 20 16 | 12 9 | 1 45 | 1 2 | 6 22 | 14 14 | 1 34 | | | |
| S 4 | 15 18 | 12 33 | 3 13 | 23 6 | 2 25 | 21 34 | 0 30 | 21 47 | 0 35 | 11 48 | 1 13 | 16 44 | 2 27 | 15 13 | 0 41 | 16 46 | 1 40 | 20 16 | 12 9 | 1 43 | 1 1 | 6 24 | 14 16 | 1 35 | | | |
| M 5 | 15 36 | 15 2 | 4 0 | 23 25 | 2 29 | 21 50 | 0 33 | 21 55 | 0 35 | 11 47 | 1 13 | 16 42 | 2 27 | 15 12 | 0 41 | 16 47 | 1 40 | 20 16 | 12 9 | 1 41 | 0 59 | 6 25 | 14 18 | 1 35 | | | |
| T 6 | 15 54 | 16 53 | 4 36 | 23 42 | 2 33 | 22 5 | 0 36 | 22 3 | 0 36 | 11 47 | 1 12 | 16 41 | 2 27 | 15 12 | 0 41 | 16 47 | 1 40 | 20 16 | 12 9 | 1 38 | 0 58 | 6 27 | 14 20 | 1 35 | | | |
| W 7 | 16 12 | 17 59 | 4 59 | 23 58 | 2 36 | 22 20 | 0 38 | 22 10 | 0 36 | 11 46 | 1 12 | 16 40 | 2 27 | 15 12 | 0 41 | 16 48 | 1 40 | 20 16 | 12 8 | 1 35 | 0 57 | 6 29 | 14 23 | 1 35 | | | |
| T 8 | 16 29 | 18 14 | 5 9 | 24 13 | 2 39 | 22 34 | 0 41 | 22 18 | 0 37 | 11 45 | 1 12 | 16 39 | 2 27 | 15 12 | 0 41 | 16 48 | 1 40 | 20 16 | 12 8 | 1 32 | 0 56 | 6 31 | 14 25 | 1 36 | | | |
| F 9 | 16 47 | 17 35 | 5 4 | 24 27 | 2 41 | 22 47 | 0 44 | 22 25 | 0 37 | 11 44 | 1 12 | 16 38 | 2 27 | 15 11 | 0 41 | 16 49 | 1 40 | 20 16 | 12 8 | 1 30 | 0 54 | 6 32 | 14 27 | 1 36 | | | |
| S 10 | 17 3 | 16 2 | 4 44 | 24 39 | 2 43 | 23 0 | 0 46 | 22 32 | 0 38 | 11 43 | 1 12 | 16 37 | 2 27 | 15 11 | 0 41 | 16 49 | 1 40 | 20 16 | 12 8 | 1 28 | 0 53 | 6 34 | 14 29 | 1 36 | | | |
| S 11 | 17 20 | 13 37 | 4 9 | 24 50 | 2 44 | 23 12 | 0 49 | 22 39 | 0 38 | 11 42 | 1 12 | 16 36 | 2 27 | 15 11 | 0 41 | 16 50 | 1 40 | 20 16 | 12 8 | 1 27 | 0 52 | 6 36 | 14 32 | 1 37 | | | |
| M12 | 17 37 | 10 25 | 3 19 | 25 0 | 2 45 | 23 23 | 0 51 | 22 45 | 0 39 | 11 41 | 1 11 | 16 35 | 2 27 | 15 11 | 0 41 | 16 50 | 1 40 | 20 16 | 12 7 | 1 27 | 0 51 | 6 37 | 14 34 | 1 37 | | | |
| T 13 | 17 53 | 6 34 | 2 16 | 25 8 | 2 45 | 23 33 | 0 54 | 22 52 | 0 39 | 11 39 | 1 11 | 16 34 | 2 27 | 15 10 | 0 41 | 16 51 | 1 40 | 20 15 | 12 7 | 1 28 | 0 49 | 6 39 | 14 36 | 1 37 | | | |
| W14 | 18 8 | 2 14 | 1 3 | 25 14 | 2 45 | 23 43 | 0 56 | 22 58 | 0 40 | 11 38 | 1 11 | 16 32 | 2 27 | 15 10 | 0 41 | 16 52 | 1 40 | 20 15 | 12 7 | 1 28 | 0 48 | 6 41 | 14 38 | 1 38 | | | |
| T 15 | 18 24 | 2s19 | 0n15 | 25 19 | 2 44 | 23 52 | 0 59 | 23 4 | 0 40 | 11 37 | 1 11 | 16 31 | 2 27 | 15 10 | 0 41 | 16 52 | 1 40 | 20 15 | 12 7 | 1 28 | 0 47 | 6 43 | 14 40 | 1 38 | | | |
| F 16 | 18 39 | 6 50 | 1 33 | 25 23 | 2 42 | 24 1 | 1 1 | 23 9 | 0 41 | 11 35 | 1 11 | 16 30 | 2 27 | 15 10 | 0 41 | 16 53 | 1 40 | 20 15 | 12 6 | 1 28 | 0 46 | 6 44 | 14 42 | 1 38 | | | |
| S 17 | 18 54 | 10 57 | 2 46 | 25 25 | 2 39 | 24 9 | 1 3 | 23 15 | 0 41 | 11 34 | 1 11 | 16 29 | 2 27 | 15 10 | 0 41 | 16 53 | 1 40 | 20 15 | 12 6 | 1 26 | 0 44 | 6 46 | 14 45 | 1 39 | | | |
| S 18 | 19 8 | 14 23 | 3 47 | 25 25 | 2 35 | 24 16 | 1 6 | 23 20 | 0 42 | 11 32 | 1 10 | 16 28 | 2 27 | 15 10 | 0 42 | 16 54 | 1 40 | 20 14 | 12 6 | 1 24 | 0 43 | 6 48 | 14 47 | 1 39 | | | |
| M19 | 19 23 | 16 50 | 4 33 | 25 23 | 2 30 | 24 22 | 1 8 | 23 25 | 0 42 | 11 30 | 1 10 | 16 27 | 2 27 | 15 10 | 0 42 | 16 54 | 1 40 | 20 14 | 12 5 | 1 21 | 0 42 | 6 49 | 14 49 | 1 39 | | | |
| T 20 | 19 36 | 18 7 | 4 59 | 25 20 | 2 24 | 24 28 | 1 10 | 23 30 | 0 43 | 11 29 | 1 10 | 16 26 | 2 27 | 15 9 | 0 42 | 16 55 | 1 40 | 20 14 | 12 5 | 1 17 | 0 41 | 6 51 | 14 51 | 1 39 | | | |
| W21 | 19 50 | 18 12 | 5 6 | 25 15 | 2 17 | 24 33 | 1 13 | 23 35 | 0 43 | 11 27 | 1 10 | 16 25 | 2 27 | 15 9 | 0 42 | 16 56 | 1 40 | 20 14 | 12 5 | 1 14 | 0 39 | 6 53 | 14 53 | 1 40 | | | |
| T 22 | 20 3 | 17 11 | 4 54 | 25 7 | 2 8 | 24 37 | 1 15 | 23 39 | 0 44 | 11 25 | 1 10 | 16 23 | 2 27 | 15 9 | 0 42 | 16 56 | 1 40 | 20 13 | 12 5 | 1 11 | 0 38 | 6 54 | 14 55 | 1 40 | | | |
| F 23 | 20 16 | 15 15 | 4 27 | 24 58 | 1 58 | 24 40 | 1 17 | 23 43 | 0 44 | 11 23 | 1 10 | 16 22 | 2 26 | 15 9 | 0 42 | 16 57 | 1 40 | 20 13 | 12 4 | 1 8 | 0 37 | 6 56 | 14 57 | 1 40 | | | |
| S 24 | 20 28 | 12 36 | 3 46 | 24 47 | 1 47 | 24 43 | 1 19 | 23 47 | 0 45 | 11 21 | 1 9 | 16 21 | 2 26 | 15 9 | 0 42 | 16 57 | 1 40 | 20 13 | 12 4 | 1 7 | 0 36 | 6 58 | 14 59 | 1 41 | | | |
| S 25 | 20 40 | 9 26 | 2 56 | 24 33 | 1 34 | 24 45 | 1 21 | 23 50 | 0 45 | 11 19 | 1 9 | 16 20 | 2 26 | 15 9 | 0 42 | 16 58 | 1 40 | 20 13 | 12 4 | 1 6 | 0 34 | 6 59 | 15 1 | 1 41 | | | |
| M26 | 20 52 | 5 57 | 1 59 | 24 17 | 1 20 | 24 46 | 1 23 | 23 54 | 0 46 | 11 17 | 1 9 | 16 19 | 2 26 | 15 9 | 0 42 | 16 58 | 1 40 | 20 12 | 12 4 | 1 6 | 0 33 | 7 1 | 15 3 | 1 41 | | | |
| T 27 | 21 3 | 2 16 | 0 57 | 23 58 | 1 4 | 24 47 | 1 25 | 23 57 | 0 46 | 11 15 | 1 9 | 16 18 | 2 26 | 15 9 | 0 42 | 16 59 | 1 40 | 20 12 | 12 3 | 1 7 | 0 32 | 7 3 | 15 5 | 1 42 | | | |
| W28 | 21 14 | 1n27 | 0s 6 | 23 37 | 0 46 | 24 46 | 1 27 | 24 0 | 0 47 | 11 12 | 1 9 | 16 17 | 2 26 | 15 9 | 0 42 | 16 59 | 1 40 | 20 12 | 12 3 | 1 7 | 0 30 | 7 5 | 15 7 | 1 42 | | | |
| T 29 | 21 24 | 5 6 | 1 8 | 23 14 | 0 28 | 24 45 | 1 29 | 24 2 | 0 47 | 11 10 | 1 9 | 16 16 | 2 26 | 15 10 | 0 42 | 17 0 | 1 40 | 20 11 | 12 3 | 1 6 | 0 29 | 7 6 | 15 9 | 1 43 | | | |
| F 30 | 21s34 | 8n34 | 2s 8 | 22s48 | 0s 8 | 24s43 | 1s31 | 24s 5 | 0s47 | 11s 8 | 1s 8 | 16m15 | 2s26 | 15m10 | 0n42 | 17s 0 | 1n40 | 20s11 | 12s 3 | 1s 5 | 0s28 | 7n 8 | 15s11 | 1n43 | | | |

ASTRODIENST EPHEMERIS for the year 2294
geocentric

DECEMBER 2294

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | ♈ | ♉ | Day |
|------|---------|----------|-------|--------|-------|-------|------|--------|--------|-------|------|-------|-------|--------|-------|------|
| S 1 | 4 39 51 | 8°46'11 | 9♌21 | 14°R49 | 8♋17 | 25♌22 | 4♈ 0 | 23°R22 | 20°R55 | 23♌35 | 6♈43 | 2°R38 | 1♌ 7 | 23°Y 4 | 16♌58 | S 1 |
| S 2 | 4 43 48 | 9°46'52 | 21°22 | 13♌32 | 9°32 | 26° 7 | 4° 7 | 23♌17 | 20♌55 | 23°37 | 6°43 | 2♌30 | 1° 4 | 23°11 | 17° 6 | S 2 |
| M 3 | 4 47 44 | 10°47'34 | 3♌34 | 12°11 | 10°46 | 26°52 | 4°13 | 23°13 | 20°55 | 23°39 | 6°44 | 2°19 | 1° 1 | 23°17 | 17°14 | M 3 |
| T 4 | 4 51 41 | 11°48'18 | 15°57 | 10°48 | 12° 0 | 27°37 | 4°20 | 23° 8 | 20°54 | 23°41 | 6°44 | 2° 6 | 0°58 | 23°24 | 17°22 | T 4 |
| W 5 | 4 55 37 | 12°49'02 | 28°31 | 9°27 | 13°14 | 28°22 | 4°27 | 23° 4 | 20°54 | 23°44 | 6°44 | 1°53 | 0°55 | 23°31 | 17°30 | W 5 |
| T 6 | 4 59 34 | 13°49'48 | 11♌17 | 8°10 | 14°28 | 29° 6 | 4°34 | 22°59 | 20°53 | 23°46 | 6°45 | 1°41 | 0°51 | 23°37 | 17°38 | T 6 |
| F 7 | 5 3 30 | 14°50'36 | 24°14 | 7° 0 | 15°42 | 29°51 | 4°42 | 22°55 | 20°53 | 23°48 | 6°45 | 1°30 | 0°48 | 23°44 | 17°46 | F 7 |
| S 8 | 5 7 27 | 15°51'24 | 7♌22 | 5°58 | 16°56 | 0♌36 | 4°49 | 22°51 | 20°52 | 23°50 | 6°46 | 1°22 | 0°45 | 23°51 | 17°54 | S 8 |
| S 9 | 5 11 24 | 16°52'14 | 20°42 | 5° 6 | 18°10 | 1°21 | 4°57 | 22°47 | 20°51 | 23°52 | 6°46 | 1°17 | 0°42 | 23°57 | 18° 1 | S 9 |
| M10 | 5 15 20 | 17°53'06 | 4♌14 | 4°26 | 19°23 | 2° 7 | 5° 5 | 22°42 | 20°51 | 23°54 | 6°47 | 1°14 | 0°39 | 24° 4 | 18° 9 | M10 |
| T 11 | 5 19 17 | 18°53'58 | 17°59 | 3°56 | 20°37 | 2°52 | 5°12 | 22°38 | 20°50 | 23°56 | 6°47 | 1°D13 | 0°35 | 24°11 | 18°17 | T 11 |
| W12 | 5 23 13 | 19°54'52 | 1♌57 | 3°38 | 21°51 | 3°37 | 5°21 | 22°34 | 20°49 | 23°58 | 6°48 | 1°R13 | 0°32 | 24°17 | 18°25 | W12 |
| T 13 | 5 27 10 | 20°55'48 | 16°10 | 3°D32 | 23° 5 | 4°22 | 5°29 | 22°30 | 20°48 | 24° 0 | 6°48 | 1°13 | 0°29 | 24°24 | 18°32 | T 13 |
| F 14 | 5 31 6 | 21°56'44 | 0♌36 | 3°35 | 24°19 | 5° 8 | 5°37 | 22°26 | 20°47 | 24° 2 | 6°49 | 1°10 | 0°26 | 24°31 | 18°40 | F 14 |
| S 15 | 5 35 3 | 22°57'42 | 15°11 | 3°49 | 25°33 | 5°53 | 5°46 | 22°22 | 20°46 | 24° 4 | 6°50 | 1° 5 | 0°23 | 24°37 | 18°48 | S 15 |
| S 16 | 5 38 59 | 23°58'41 | 29°50 | 4°11 | 26°46 | 6°38 | 5°54 | 22°19 | 20°45 | 24° 6 | 6°50 | 0°57 | 0°20 | 24°44 | 18°55 | S 16 |
| M17 | 5 42 56 | 24°59'41 | 14♌28 | 4°41 | 28° 0 | 7°24 | 6° 3 | 22°15 | 20°44 | 24° 9 | 6°51 | 0°46 | 0°16 | 24°51 | 19° 3 | M17 |
| T 18 | 5 46 53 | 26° 0'42 | 28°55 | 5°19 | 29°14 | 8° 9 | 6°12 | 22°11 | 20°43 | 24°10 | 6°52 | 0°33 | 0°13 | 24°57 | 19°10 | T 18 |
| W19 | 5 50 49 | 27° 1'44 | 13♌ 6 | 6° 3 | 0♌28 | 8°55 | 6°21 | 22° 8 | 20°42 | 24°12 | 6°52 | 0°21 | 0°10 | 25° 4 | 19°18 | W19 |
| T 20 | 5 54 46 | 28° 2'46 | 26°54 | 6°52 | 1°41 | 9°41 | 6°30 | 22° 4 | 20°40 | 24°14 | 6°53 | 0° 9 | 0° 7 | 25°11 | 19°25 | T 20 |
| F 21 | 5 58 42 | 29° 3'49 | 10♌17 | 7°47 | 2°55 | 10°26 | 6°40 | 22° 1 | 20°39 | 24°16 | 6°54 | 29♌59 | 0° 4 | 25°17 | 19°32 | F 21 |
| S 22 | 6 2 39 | 0♌ 4'53 | 23°15 | 8°45 | 4° 9 | 11°12 | 6°49 | 21°58 | 20°38 | 24°18 | 6°55 | 29°53 | 0° 1 | 25°24 | 19°39 | S 22 |
| S 23 | 6 6 35 | 1° 5'56 | 5♈49 | 9°48 | 5°22 | 11°58 | 6°59 | 21°54 | 20°36 | 24°20 | 6°55 | 29°50 | 29♌57 | 25°31 | 19°47 | S 23 |
| M24 | 6 10 32 | 2° 7'01 | 18° 4 | 10°54 | 6°36 | 12°44 | 7° 8 | 21°51 | 20°35 | 24°22 | 6°56 | 29°48 | 29°54 | 25°37 | 19°54 | M24 |
| T 25 | 6 14 29 | 3° 8'05 | 0♌ 4 | 12° 3 | 7°49 | 13°29 | 7°18 | 21°48 | 20°34 | 24°24 | 6°57 | 29°48 | 29°51 | 25°44 | 20° 1 | T 25 |
| W26 | 6 18 25 | 4° 9'10 | 11°56 | 13°15 | 9° 3 | 14°15 | 7°28 | 21°45 | 20°32 | 24°26 | 6°58 | 29°48 | 29°48 | 25°51 | 20° 8 | W26 |
| T 27 | 6 22 22 | 5°10'15 | 23°43 | 14°29 | 10°16 | 15° 1 | 7°38 | 21°42 | 20°30 | 24°28 | 6°59 | 29°46 | 29°45 | 25°57 | 20°15 | T 27 |
| F 28 | 6 26 18 | 6°11'20 | 5♈33 | 15°45 | 11°30 | 15°47 | 7°49 | 21°40 | 20°29 | 24°29 | 7° 0 | 29°43 | 29°41 | 26° 4 | 20°22 | F 28 |
| S 29 | 6 30 15 | 7°12'25 | 17°29 | 17° 3 | 12°43 | 16°33 | 7°59 | 21°37 | 20°27 | 24°31 | 7° 1 | 29°37 | 29°38 | 26°11 | 20°28 | S 29 |
| S 30 | 6 34 11 | 8°13'31 | 29°36 | 18°22 | 13°56 | 17°19 | 8° 9 | 21°34 | 20°25 | 24°33 | 7° 2 | 29°29 | 29°35 | 26°17 | 20°35 | S 30 |
| M31 | 6 38 8 | 9♌14'37 | 11♌57 | 19♌42 | 15♌ 9 | 18♌ 5 | 8♈20 | 21♌32 | 20♌24 | 24♌35 | 7♈ 3 | 29♌18 | 29♌32 | 26°Y24 | 20♌42 | M31 |

| Day | ☉ | ☽ | | ♊ | | ♋ | | ♌ | | ♍ | | ♎ | | ♏ | | ♐ | | ♑ | | ♒ | ♓ | ♈ | ♉ | ♊ | ♋ | ♌ |
|------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|------|------|------|-------|------|------|-----|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | decl | lat |
| S 1 | 21s44 | 11n42 | 3s 2 | 22s20 | 0n12 | 24s41 | 1s33 | 24s 7 | 0s48 | 11s 5 | 1s 8 | 16n14 | 2s26 | 15n10 | 0n42 | 17s 1 | 1n40 | 20s11 | 12s 2 | 1s 3 | 0s27 | 7n10 | 15s13 | 1n43 | | |
| S 2 | 21 53 | 14 24 | 3 48 | 21 51 | 0 33 | 24 38 | 1 34 | 24 9 | 0 48 | 11 3 | 1 8 | 16 13 | 2 25 | 15 10 | 0 42 | 17 1 | 1 40 | 20 10 | 12 2 | 0 59 | 0 25 | 7 11 | 15 15 | 1 44 | | |
| M 3 | 22 2 | 16 29 | 4 25 | 21 20 | 0 53 | 24 34 | 1 36 | 24 10 | 0 49 | 11 0 | 1 8 | 16 12 | 2 25 | 15 10 | 0 42 | 17 2 | 1 40 | 20 10 | 12 2 | 0 55 | 0 24 | 7 13 | 15 17 | 1 44 | | |
| T 4 | 22 10 | 17 51 | 4 50 | 20 50 | 1 12 | 24 29 | 1 38 | 24 12 | 0 49 | 10 57 | 1 8 | 16 11 | 2 25 | 15 10 | 0 42 | 17 2 | 1 40 | 20 10 | 12 2 | 0 50 | 0 23 | 7 15 | 15 19 | 1 44 | | |
| W 5 | 22 18 | 18 22 | 5 1 | 20 20 | 1 31 | 24 23 | 1 39 | 24 13 | 0 50 | 10 55 | 1 8 | 16 10 | 2 25 | 15 10 | 0 42 | 17 3 | 1 40 | 20 9 | 12 1 | 0 45 | 0 22 | 7 16 | 15 21 | 1 45 | | |
| T 6 | 22 25 | 17 59 | 4 57 | 19 52 | 1 47 | 24 17 | 1 41 | 24 14 | 0 50 | 10 52 | 1 8 | 16 9 | 2 25 | 15 11 | 0 42 | 17 4 | 1 40 | 20 9 | 12 1 | 0 40 | 0 20 | 7 18 | 15 23 | 1 45 | | |
| F 7 | 22 32 | 16 39 | 4 39 | 19 26 | 2 2 | 24 10 | 1 42 | 24 14 | 0 50 | 10 49 | 1 7 | 16 8 | 2 25 | 15 11 | 0 42 | 17 4 | 1 40 | 20 8 | 12 1 | 0 36 | 0 19 | 7 20 | 15 25 | 1 45 | | |
| S 8 | 22 39 | 14 27 | 4 5 | 19 3 | 2 15 | 24 2 | 1 43 | 24 15 | 0 51 | 10 46 | 1 7 | 16 7 | 2 24 | 15 11 | 0 42 | 17 5 | 1 40 | 20 8 | 12 1 | 0 32 | 0 18 | 7 21 | 15 26 | 1 46 | | |
| S 9 | 22 45 | 11 27 | 3 17 | 18 44 | 2 25 | 23 54 | 1 45 | 24 15 | 0 51 | 10 43 | 1 7 | 16 6 | 2 24 | 15 11 | 0 42 | 17 5 | 1 41 | 20 8 | 12 0 | 0 30 | 0 17 | 7 23 | 15 28 | 1 46 | | |
| M10 | 22 51 | 7 48 | 2 18 | 18 29 | 2 33 | 23 45 | 1 46 | 24 14 | 0 52 | 10 40 | 1 7 | 16 6 | 2 24 | 15 12 | 0 42 | 17 6 | 1 41 | 20 7 | 12 0 | 0 29 | 0 15 | 7 25 | 15 30 | 1 47 | | |
| T 11 | 22 56 | 3 41 | 1 10 | 18 18 | 2 39 | 23 35 | 1 47 | 24 14 | 0 52 | 10 37 | 1 7 | 16 5 | 2 24 | 15 12 | 0 42 | 17 6 | 1 41 | 20 7 | 12 0 | 0 29 | 0 14 | 7 26 | 15 32 | 1 47 | | |
| W12 | 23 1 | 0s43 | 0n 4 | 18 11 | 2 43 | 23 24 | 1 48 | 24 13 | 0 52 | 10 34 | 1 7 | 16 4 | 2 24 | 15 12 | 0 43 | 17 6 | 1 41 | 20 6 | 12 0 | 0 29 | 0 13 | 7 28 | 15 34 | 1 47 | | |
| T 13 | 23 5 | 5 9 | 1 18 | 18 7 | 2 45 | 23 13 | 1 49 | 24 12 | 0 53 | 10 31 | 1 6 | 16 3 | 2 24 | 15 12 | 0 43 | 17 7 | 1 41 | 20 6 | 11 59 | 0 29 | 0 12 | 7 30 | 15 35 | 1 48 | | |
| F 14 | 23 9 | 9 20 | 2 29 | 18 8 | 2 45 | 23 1 | 1 50 | 24 11 | 0 53 | 10 28 | 1 6 | 16 2 | 2 23 | 15 13 | 0 43 | 17 7 | 1 41 | 20 5 | 11 59 | 0 28 | 0 10 | 7 31 | 15 37 | 1 48 | | |
| S 15 | 23 13 | 13 0 | 3 30 | 18 11 | 2 44 | 22 49 | 1 51 | 24 9 | 0 53 | 10 25 | 1 6 | 16 1 | 2 23 | 15 13 | 0 43 | 17 8 | 1 41 | 20 5 | 11 59 | 0 26 | 0 9 | 7 33 | 15 39 | 1 49 | | |
| S 16 | 23 16 | 15 53 | 4 18 | 18 17 | 2 42 | 22 36 | 1 52 | 24 8 | 0 54 | 10 21 | 1 6 | 16 1 | 2 23 | 15 14 | 0 43 | 17 8 | 1 41 | 20 5 | 11 59 | 0 23 | 0 8 | 7 35 | 15 40 | 1 49 | | |
| M17 | 23 18 | 17 43 | 4 49 | 18 26 | 2 39 | 22 22 | 1 52 | 24 6 | 0 54 | 10 18 | 1 6 | 16 0 | 2 23 | 15 14 | 0 43 | 17 9 | 1 41 | 20 4 | 11 58 | 0 18 | 0 7 | 7 36 | 15 42 | 1 49 | | |
| T 18 | 23 20 | 18 23 | 5 0 | 18 37 | 2 34 | 22 7 | 1 53 | 24 3 | 0 54 | 10 14 | 1 6 | 15 59 | 2 23 | 15 14 | 0 43 | 17 9 | 1 41 | 20 4 | 11 58 | 0 13 | 0 5 | 7 38 | 15 44 | 1 50 | | |
| W19 | 23 22 | 17 53 | 4 53 | 18 50 | 2 29 | 21 52 | 1 54 | 24 1 | 0 55 | 10 11 | 1 6 | 15 59 | 2 22 | 15 15 | 0 43 | 17 10 | 1 41 | 20 3 | 11 58 | 0 8 | 0 4 | 7 40 | 15 45 | 1 50 | | |
| T 20 | 23 23 | 16 20 | 4 29 | 19 4 | 2 23 | 21 36 | 1 54 | 23 58 | 0 55 | 10 7 | 1 5 | 15 58 | 2 22 | 15 15 | 0 43 | 17 10 | 1 41 | 20 3 | 11 58 | 0 4 | 0 3 | 7 41 | 15 47 | 1 51 | | |
| F 21 | 23 24 | 13 56 | 3 50 | 19 19 | 2 17 | 21 20 | 1 54 | 23 55 | 0 55 | 10 4 | 1 5 | 15 57 | 2 22 | 15 16 | 0 43 | 17 11 | 1 41 | 20 2 | 11 57 | 0n 0 | 0 1 | 7 43 | 15 48 | 1 51 | | |
| S 22 | 23 24 | 10 54 | 3 1 | 19 35 | 2 10 | 21 3 | 1 55 | 23 51 | 0 56 | 10 0 | 1 5 | 15 57 | 2 22 | 15 16 | 0 43 | 17 11 | 1 41 | 20 2 | 11 57 | 0 3 | 0 0 | 7 45 | 15 50 | 1 51 | | |
| S 23 | 23 24 | 7 27 | 2 3 | 19 51 | 2 3 | 20 45 | 1 55 | 23 48 | 0 56 | 9 57 | 1 5 | 15 56 | 2 21 | 15 17 | 0 43 | 17 12 | 1 41 | 20 1 | 11 57 | 0 4 | 0n 1 | 7 46 | 15 51 | 1 52 | | |
| M24 | 23 23 | 3 46 | 1 2 | 20 8 | 1 56 | 20 27 | 1 55 | 23 44 | 0 56 | 9 53 | 1 5 | 15 55 | 2 21 | 15 17 | 0 43 | 17 12 | 1 41 | 20 0 | 11 57 | 0 5 | 0 2 | 7 48 | 15 53 | 1 52 | | |
| T 25 | 23 22 | 0n 0 | 0s 1 | 20 25 | 1 48 | 20 8 | 1 55 | 23 39 | 0 57 | 9 49 | 1 5 | 15 55 | 2 21 | 15 18 | 0 43 | 17 12 | 1 41 | 20 0 | 11 56 | 0 5 | 0 4 | 7 50 | 15 54 | 1 53 | | |
| W26 | 23 20 | 3 44 | 1 4 | 20 42 | 1 40 | 19 49 | 1 55 | 23 35 | 0 57 | 9 45 | 1 5 | 15 54 | 2 21 | 15 18 | 0 43 | 17 13 | 1 41 | 19 59 | 11 56 | 0 5 | 0 5 | 7 51 | 15 56 | 1 53 | | |
| T 27 | 23 18 | 7 17 | 2 3 | 20 58 | 1 32 | 19 29 | 1 55 | 23 30 | 0 57 | 9 41 | 1 5 | 15 54 | 2 21 | 15 19 | 0 43 | 17 13 | 1 41 | 19 59 | 11 56 | 0 5 | 0 6 | 7 53 | 15 57 | 1 53 | | |
| F 28 | 23 15 | 10 34 | 2 57 | 21 15 | 1 24 | 19 8 | 1 55 | 23 25 | 0 58 | 9 37 | 1 4 | 15 53 | 2 20 | 15 19 | 0 43 | 17 14 | 1 41 | 19 58 | 11 56 | 0 7 | 0 7 | 7 55 | 15 59 | 1 54 | | |
| S 29 | 23 12 | 13 26 | 3 44 | 21 31 | 1 16 | 18 48 | 1 54 | 23 20 | 0 58 | 9 33 | 1 4 | 15 53 | 2 20 | 15 20 | 0 43 | 17 14 | 1 41 | 19 58 | 11 56 | 0 9 | 0 9 | 7 56 | 16 0 | 1 55 | | |
| S 30 | 23 9 | 15 46 | 4 21 | 21 46 | 1 8 | 18 26 | 1 54 | 23 14 | 0 58 | 9 29 | 1 4 | 15 53 | 2 20 | 15 20 | 0 43 | 17 14 | 1 41 | 19 57 | 11 55 | 0 12 | 0 10 | 7 58 | 16 1 | 1 54 | | |
| M31 | 23s 5 | 17n26 | 4s47 | 22s 1 | 0n59 | 18s 4 | 1s54 | 23s 9 | 0s59 | 9s25 | 1s 4 | 15n52 | 2s19 | 15n21 | 0n43 | 17s15 | 1n41 | 19s57 | 11s55 | 0n17 | 0n11 | 8n 0 | 16s 3 | 1n55 | | |