



Astrodienst Ephemeris Tables for the year 1842

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 1842
geocentric

JANUARY 1842

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|---------|----------|-------|-------|-------|-------|------|------|-------|-------|--------|--------|-------|-------|-------|------|
| S 1 | 6 40 56 | 10♈14°09 | 1♏54 | 0♈31 | 24♌55 | 25♍43 | 3♈13 | 6♈1 | 20♊51 | 15♍27 | 18°R57 | 29♈58 | 0♍56 | 14♍21 | 0°R24 | S 1 |
| S 2 | 6 44 53 | 11°15'18 | 16°21 | 2° 4 | 26°11 | 26°30 | 3°27 | 6° 8 | 20°53 | 15°29 | 18°Y57 | 29°59 | 0°53 | 14°28 | 0♏20 | S 2 |
| M 3 | 6 48 49 | 12°16'28 | 0♉29 | 3°38 | 27°26 | 27°16 | 3°41 | 6°15 | 20°54 | 15°30 | 18°D57 | 0♍1 | 0°50 | 14°34 | 0°16 | M 3 |
| T 4 | 6 52 46 | 13°17'37 | 14°16 | 5°11 | 28°41 | 28° 3 | 3°55 | 6°22 | 20°56 | 15°32 | 18°57 | 0°R 1 | 0°47 | 14°41 | 0°12 | T 4 |
| W 5 | 6 56 43 | 14°18'47 | 27°43 | 6°46 | 29°57 | 28°50 | 4° 8 | 6°29 | 20°58 | 15°34 | 18°57 | 0° 0 | 0°43 | 14°48 | 0° 8 | W 5 |
| T 6 | 7 0 39 | 15°19'57 | 10♌52 | 8°20 | 1♈12 | 29°36 | 4°22 | 6°36 | 21° 0 | 15°37 | 18°57 | 29♈59 | 0°40 | 14°54 | 0° 4 | T 6 |
| F 7 | 7 4 36 | 16°21'08 | 23°43 | 9°55 | 2°28 | 0♊23 | 4°36 | 6°43 | 21° 2 | 15°39 | 18°57 | 29°57 | 0°37 | 15° 1 | 29♉59 | F 7 |
| S 8 | 7 8 32 | 17°22'18 | 6♌20 | 11°31 | 3°43 | 1° 9 | 4°49 | 6°50 | 21° 3 | 15°41 | 18°57 | 29°56 | 0°34 | 15° 8 | 29°55 | S 8 |
| S 9 | 7 12 29 | 18°23'28 | 18°44 | 13° 7 | 4°58 | 1°56 | 5° 3 | 6°57 | 21° 5 | 15°43 | 18°57 | 29°54 | 0°31 | 15°14 | 29°51 | S 9 |
| M10 | 7 16 25 | 19°24'38 | 0♈57 | 14°43 | 6°14 | 2°43 | 5°17 | 7° 4 | 21° 7 | 15°45 | 18°57 | 29°52 | 0°28 | 15°21 | 29°47 | M10 |
| T 11 | 7 20 22 | 20°25'48 | 13° 1 | 16°20 | 7°29 | 3°29 | 5°30 | 7°11 | 21° 9 | 15°47 | 18°58 | 29°51 | 0°24 | 15°27 | 29°42 | T 11 |
| W12 | 7 24 18 | 21°26'57 | 24°58 | 17°57 | 8°44 | 4°16 | 5°44 | 7°18 | 21°11 | 15°49 | 18°58 | 29°D51 | 0°21 | 15°34 | 29°38 | W12 |
| T 13 | 7 28 15 | 22°28'06 | 6♍49 | 19°35 | 10° 0 | 5° 2 | 5°58 | 7°25 | 21°14 | 15°51 | 18°58 | 29°51 | 0°18 | 15°41 | 29°34 | T 13 |
| F 14 | 7 32 12 | 23°29'14 | 18°37 | 21°13 | 11°15 | 5°49 | 6°11 | 7°32 | 21°16 | 15°53 | 18°58 | 29°51 | 0°15 | 15°47 | 29°29 | F 14 |
| S 15 | 7 36 8 | 24°30'22 | 0♊24 | 22°52 | 12°30 | 6°35 | 6°25 | 7°39 | 21°18 | 15°55 | 18°58 | 29°52 | 0°12 | 15°54 | 29°25 | S 15 |
| S 16 | 7 40 5 | 25°31'29 | 12°13 | 24°31 | 13°46 | 7°22 | 6°38 | 7°45 | 21°20 | 15°58 | 18°59 | 29°52 | 0° 9 | 16° 1 | 29°20 | S 16 |
| M17 | 7 44 1 | 26°32'35 | 24° 8 | 26°11 | 15° 1 | 8° 8 | 6°52 | 7°52 | 21°22 | 16° 0 | 18°59 | 29°53 | 0° 5 | 16° 7 | 29°16 | M17 |
| T 18 | 7 47 58 | 27°33'40 | 6♌11 | 27°51 | 16°16 | 8°55 | 7° 5 | 7°59 | 21°25 | 16° 2 | 18°59 | 29°53 | 0° 2 | 16°14 | 29°11 | T 18 |
| W19 | 7 51 54 | 28°34'45 | 18°29 | 29°32 | 17°32 | 9°41 | 7°18 | 8° 6 | 21°27 | 16° 4 | 19° 0 | 29°53 | 29♈59 | 16°21 | 29° 7 | W19 |
| T 20 | 7 55 51 | 29°35'48 | 1♊ 4 | 1♍13 | 18°47 | 10°28 | 7°32 | 8°13 | 21°29 | 16° 6 | 19° 0 | 29°53 | 29°56 | 16°27 | 29° 2 | T 20 |
| F 21 | 7 59 47 | 0♍36°51 | 14° 0 | 2°55 | 20° 2 | 11°14 | 7°45 | 8°19 | 21°32 | 16° 8 | 19° 1 | 29°53 | 29°53 | 16°34 | 28°58 | F 21 |
| S 22 | 8 3 44 | 1°37'52 | 27°22 | 4°38 | 21°18 | 12° 1 | 7°58 | 8°26 | 21°34 | 16°11 | 19° 1 | 29°53 | 29°49 | 16°41 | 28°53 | S 22 |
| S 23 | 8 7 41 | 2°38'53 | 11♌12 | 6°21 | 22°33 | 12°47 | 8°12 | 8°33 | 21°37 | 16°13 | 19° 1 | 29°54 | 29°46 | 16°47 | 28°49 | S 23 |
| M24 | 8 11 37 | 3°39'52 | 25°28 | 8° 5 | 23°48 | 13°33 | 8°25 | 8°39 | 21°39 | 16°15 | 19° 2 | 29°54 | 29°43 | 16°54 | 28°45 | M24 |
| T 25 | 8 15 34 | 4°40'51 | 10♉9 | 9°49 | 25° 4 | 14°20 | 8°38 | 8°46 | 21°42 | 16°17 | 19° 2 | 29°54 | 29°40 | 17° 1 | 28°40 | T 25 |
| W26 | 8 19 30 | 5°41'48 | 25°10 | 11°33 | 26°19 | 15° 6 | 8°51 | 8°53 | 21°45 | 16°20 | 19° 3 | 29°R55 | 29°37 | 17° 7 | 28°36 | W26 |
| T 27 | 8 23 27 | 6°42'45 | 10♏22 | 13°18 | 27°34 | 15°52 | 9° 4 | 8°59 | 21°47 | 16°22 | 19° 3 | 29°54 | 29°34 | 17°14 | 28°31 | T 27 |
| F 28 | 8 27 23 | 7°43'40 | 25°35 | 15° 4 | 28°50 | 16°39 | 9°17 | 9° 6 | 21°50 | 16°24 | 19° 4 | 29°54 | 29°30 | 17°21 | 28°27 | F 28 |
| S 29 | 8 31 20 | 8°44'34 | 10♌41 | 16°50 | 0♍ 5 | 17°25 | 9°30 | 9°12 | 21°52 | 16°26 | 19° 5 | 29°53 | 29°27 | 17°27 | 28°22 | S 29 |
| S 30 | 8 35 16 | 9°45'28 | 25°30 | 18°35 | 1°20 | 18°11 | 9°43 | 9°19 | 21°55 | 16°29 | 19° 5 | 29°52 | 29°24 | 17°34 | 28°18 | S 30 |
| M31 | 8 39 13 | 10♍46°20 | 9♉56 | 20♍21 | 2♍35 | 18♊57 | 9♈56 | 9♈25 | 21♊58 | 16♍31 | 19°Y 6 | 29♈51 | 29♈21 | 17♍40 | 28♉14 | M31 |

| Day | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|------|------|-------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl |
| S 1 | 23s 4 | 8n12 | 2s48 | 24s23 | 0s55 | 23s 4 | 0n18 | 13s58 | 1s 5 | 23s17 | 0n 8 | 22s40 | 0n39 | 4s19 | 0s45 | 16s24 |
| S 2 | 22 59 | 1 52 | 3 49 | 24 28 | 1 1 | 23 9 | 0 15 | 13 42 | 1 4 | 23 17 | 0 8 | 22 40 | 0 39 | 4 18 | 0 45 | 16 24 |
| M 3 | 22 54 | 4s24 | 4 36 | 24 31 | 1 7 | 23 13 | 0 13 | 13 25 | 1 3 | 23 17 | 0 8 | 22 40 | 0 39 | 4 18 | 0 45 | 16 23 |
| T 4 | 22 48 | 10 19 | 5 5 | 24 34 | 1 12 | 23 17 | 0 10 | 13 8 | 1 3 | 23 16 | 0 8 | 22 39 | 0 39 | 4 17 | 0 45 | 16 23 |
| W 5 | 22 41 | 15 35 | 5 16 | 24 35 | 1 18 | 23 20 | 0 8 | 12 52 | 1 2 | 23 16 | 0 8 | 22 39 | 0 39 | 4 16 | 0 45 | 16 22 |
| T 6 | 22 35 | 20 1 | 5 11 | 24 34 | 1 23 | 23 22 | 0 5 | 12 35 | 1 1 | 23 16 | 0 8 | 22 39 | 0 39 | 4 15 | 0 45 | 16 22 |
| F 7 | 22 28 | 23 24 | 4 50 | 24 33 | 1 27 | 23 24 | 0 3 | 12 17 | 1 0 | 23 15 | 0 7 | 22 39 | 0 39 | 4 15 | 0 45 | 16 21 |
| S 8 | 22 20 | 25 34 | 4 15 | 24 29 | 1 32 | 23 24 | 0 0 | 12 0 | 1 0 | 23 15 | 0 7 | 22 38 | 0 39 | 4 14 | 0 45 | 16 20 |
| S 9 | 22 12 | 26 27 | 3 29 | 24 25 | 1 36 | 23 24 | 0s 2 | 11 43 | 0 59 | 23 15 | 0 7 | 22 38 | 0 39 | 4 13 | 0 45 | 16 20 |
| M10 | 22 3 | 26 1 | 2 34 | 24 19 | 1 41 | 23 24 | 0 5 | 11 25 | 0 58 | 23 14 | 0 7 | 22 38 | 0 39 | 4 12 | 0 45 | 16 19 |
| T 11 | 21 54 | 24 21 | 1 32 | 24 11 | 1 44 | 23 22 | 0 7 | 11 8 | 0 58 | 23 14 | 0 7 | 22 37 | 0 39 | 4 11 | 0 45 | 16 19 |
| W12 | 21 45 | 21 36 | 0 27 | 24 2 | 1 48 | 23 20 | 0 10 | 10 50 | 0 57 | 23 13 | 0 7 | 22 37 | 0 39 | 4 11 | 0 45 | 16 18 |
| T 13 | 21 35 | 17 58 | 0n39 | 23 52 | 1 51 | 23 17 | 0 12 | 10 33 | 0 56 | 23 13 | 0 7 | 22 37 | 0 39 | 4 10 | 0 44 | 16 17 |
| F 14 | 21 25 | 13 38 | 1 43 | 23 40 | 1 54 | 23 13 | 0 14 | 10 15 | 0 55 | 23 12 | 0 7 | 22 36 | 0 38 | 4 9 | 0 44 | 16 17 |
| S 15 | 21 14 | 8 49 | 2 42 | 23 26 | 1 57 | 23 9 | 0 17 | 9 57 | 0 55 | 23 12 | 0 7 | 22 36 | 0 38 | 4 8 | 0 44 | 16 16 |
| S 16 | 21 3 | 3 41 | 3 35 | 23 11 | 1 59 | 23 4 | 0 19 | 9 39 | 0 54 | 23 11 | 0 7 | 22 36 | 0 38 | 4 7 | 0 44 | 16 15 |
| M17 | 20 52 | 1n37 | 4 18 | 22 55 | 2 1 | 22 58 | 0 22 | 9 21 | 0 53 | 23 10 | 0 7 | 22 35 | 0 38 | 4 6 | 0 44 | 16 15 |
| T 18 | 20 40 | 6 55 | 4 51 | 22 37 | 2 3 | 22 52 | 0 24 | 9 3 | 0 52 | 23 10 | 0 6 | 22 35 | 0 38 | 4 5 | 0 44 | 16 14 |
| W19 | 20 28 | 12 3 | 5 12 | 22 17 | 2 4 | 22 45 | 0 26 | 8 44 | 0 52 | 23 9 | 0 6 | 22 35 | 0 38 | 4 4 | 0 44 | 16 13 |
| T 20 | 20 15 | 16 49 | 5 18 | 21 56 | 2 5 | 22 37 | 0 29 | 8 26 | 0 51 | 23 9 | 0 6 | 22 34 | 0 38 | 4 3 | 0 44 | 16 13 |
| F 21 | 20 2 | 20 58 | 5 9 | 21 33 | 2 5 | 22 28 | 0 31 | 8 8 | 0 50 | 23 8 | 0 6 | 22 34 | 0 38 | 4 2 | 0 44 | 16 12 |
| S 22 | 19 49 | 24 10 | 4 42 | 21 9 | 2 5 | 22 19 | 0 33 | 7 49 | 0 49 | 23 7 | 0 6 | 22 34 | 0 38 | 4 1 | 0 44 | 16 12 |
| S 23 | 19 35 | 26 5 | 3 59 | 20 43 | 2 5 | 22 9 | 0 35 | 7 31 | 0 49 | 23 6 | 0 6 | 22 33 | 0 38 | 4 0 | 0 44 | 16 11 |
| M24 | 19 21 | 26 23 | 3 0 | 20 15 | 2 4 | 21 59 | 0 38 | 7 12 | 0 48 | 23 6 | 0 6 | 22 33 | 0 38 | 3 59 | 0 44 | 16 10 |
| T 25 | 19 7 | 24 52 | 1 48 | 19 46 | 2 2 | 21 47 | 0 40 | 6 54 | 0 47 | 23 5 | 0 6 | 22 32 | 0 38 | 3 58 | 0 44 | 16 10 |
| W26 | 18 52 | 21 33 | 0 26 | 19 16 | 2 0 | 21 36 | 0 42 | 6 35 | 0 46 | 23 4 | 0 6 | 22 32 | 0 38 | 3 57 | 0 44 | 16 9 |
| T 27 | 18 37 | 16 44 | 0s58 | 18 43 | 1 58 | 21 23 | 0 44 | 6 17 | 0 46 | 23 3 | 0 6 | 22 32 | 0 38 | 3 56 | 0 44 | 16 8 |
| F 28 | 18 21 | 10 50 | 2 18 | 18 10 | 1 55 | 21 10 | 0 46 | 5 58 | 0 45 | 23 3 | 0 6 | 22 31 | 0 38 | 3 55 | 0 44 | 16 8 |
| S 29 | 18 5 | 4 22 | 3 28 | 17 35 | 1 51 | 20 56 | 0 48 | 5 39 | 0 44 | 23 2 | 0 6 | 22 31 | 0 38 | 3 54 | 0 44 | 16 7 |
| S 30 | 17 49 | 2s13 | 4 22 | 16 58 | 1 47 | 20 42 | 0 50 | 5 21 | 0 43 | 23 1 | 0 5 | 22 30 | 0 38 | 3 53 | 0 44 | 16 6 |
| M31 | 17s33 | 8s30 | 4s58 | 16s20 | 1s43 | 20s26 | 0s52 | 5s 2 | 0s43 | 23s 0 | 0n 5 | 22s30 | 0n38 | 3s52 | 0s44 | 16s 6 |

Julian Day Number = 2393836.5, Delta T = 7.63 sec
Ecliptic obliquity = 23°27'40, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°32'02, Lahiri = 21°39'03

ASTRODIENST EPHEMERIS for the year 1842

geocentric

FEBRUARY 1842

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|---------------------|--------------------|---------------------|--------------------|---------------------|-------------------|-------------------|---------------------|------------------|------------------|--------------------|--------------------|------------------|-------------------|------|
| T 1 | 8 43 10 | 11 ⁴⁷ 12 | 23 ⁵⁶ | 22 ⁵⁸ 7 | 3 ⁵¹ | 19 ⁴³ | 10 ³ 9 | 9 ³¹ | 22 ¹ 1 | 16 ³³ | 19 ⁶ | 29 ^{R50} | 29 ³ 18 | 17 ⁴⁷ | 28 ^R 9 | T 1 |
| W 2 | 8 47 6 | 12 ⁴⁸ 03 | 7 ²⁹ | 23 ⁵³ | 5 ⁶ | 20 ²⁹ | 10 ²¹ | 9 ³⁸ | 22 ⁴ | 16 ³⁵ | 19 ⁷ | 29 ^{D49} | 29 ¹⁵ | 17 ⁵⁴ | 28 ⁵ | W 2 |
| T 3 | 8 51 3 | 13 ⁴⁸ 53 | 20 ³⁷ | 25 ³⁸ | 6 ²¹ | 21 ¹⁶ | 10 ³⁴ | 9 ⁴⁴ | 22 ⁶ | 16 ³⁸ | 19 ⁸ | 29 ³ 49 | 29 ¹¹ | 18 ⁰ | 28 ¹ | T 3 |
| F 4 | 8 54 59 | 14 ⁴⁹ 43 | 3 ²² | 27 ²³ | 7 ³⁶ | 22 ² | 10 ⁴⁷ | 9 ⁵⁰ | 22 ⁹ | 16 ⁴⁰ | 19 ⁸ | 29 ⁵⁰ | 29 ⁸ | 18 ⁷ | 27 ⁵⁷ | F 4 |
| S 5 | 8 58 56 | 15 ⁵⁰ 31 | 15 ⁴⁹ | 29 ⁷ | 8 ⁵² | 22 ⁴⁸ | 10 ⁵⁹ | 9 ⁵⁷ | 22 ¹² | 16 ⁴² | 19 ⁹ | 29 ⁵¹ | 29 ⁵ | 18 ¹⁴ | 27 ⁵³ | S 5 |
| S 6 | 9 2 52 | 16 ⁵¹ 19 | 28 ¹ | 0 ⁴⁹ | 10 ⁷ | 23 ³⁴ | 11 ¹² | 10 ³ | 22 ¹⁵ | 16 ⁴⁵ | 19 ¹⁰ | 29 ⁵³ | 29 ² | 18 ²⁰ | 27 ⁴⁸ | S 6 |
| M 7 | 9 6 49 | 17 ⁵² 05 | 10 ³ 3 | 2 ³⁰ | 11 ²² | 24 ²⁰ | 11 ²⁴ | 10 ⁹ | 22 ¹⁸ | 16 ⁴⁷ | 19 ¹¹ | 29 ⁵⁴ | 28 ⁵⁹ | 18 ²⁷ | 27 ⁴⁴ | M 7 |
| T 8 | 9 10 45 | 18 ⁵² 50 | 21 ⁵⁷ | 4 ⁹ | 12 ³⁷ | 25 ⁶ | 11 ³⁷ | 10 ¹⁵ | 22 ²¹ | 16 ⁴⁹ | 19 ¹¹ | 29 ⁵⁵ | 28 ⁵⁵ | 18 ³⁴ | 27 ⁴⁰ | T 8 |
| W 9 | 9 14 42 | 19 ⁵³ 34 | 3 ⁴⁶ | 5 ⁴⁶ | 13 ⁵³ | 25 ⁵² | 11 ⁴⁹ | 10 ²¹ | 22 ²⁴ | 16 ⁵¹ | 19 ¹² | 29 ^{R55} | 28 ⁵² | 18 ⁴⁰ | 27 ³⁶ | W 9 |
| T 10 | 9 18 39 | 20 ⁵⁴ 17 | 15 ³⁴ | 7 ¹⁹ | 15 ⁸ | 26 ³⁷ | 12 ¹ | 10 ²⁷ | 22 ²⁷ | 16 ⁵⁴ | 19 ¹³ | 29 ⁵⁴ | 28 ⁴⁹ | 18 ⁴⁷ | 27 ³² | T 10 |
| F 11 | 9 22 35 | 21 ⁵⁴ 58 | 27 ²¹ | 8 ⁴⁹ | 16 ²³ | 27 ²³ | 12 ¹⁴ | 10 ³³ | 22 ³⁰ | 16 ⁵⁶ | 19 ¹⁴ | 29 ⁵² | 28 ⁴⁶ | 18 ⁵⁴ | 27 ²⁸ | F 11 |
| S 12 | 9 26 32 | 22 ⁵⁵ 38 | 9 ¹² | 10 ¹⁵ | 17 ³⁸ | 28 ⁹ | 12 ²⁶ | 10 ³⁹ | 22 ³³ | 16 ⁵⁸ | 19 ¹⁵ | 29 ⁴⁹ | 28 ⁴³ | 19 ⁰ | 27 ²⁴ | S 12 |
| S 13 | 9 30 28 | 23 ⁵⁶ 16 | 21 ⁶ | 11 ³⁶ | 18 ⁵³ | 28 ⁵⁵ | 12 ³⁸ | 10 ⁴⁴ | 22 ³⁶ | 17 ¹ | 19 ¹⁶ | 29 ⁴⁵ | 28 ⁴⁰ | 19 ⁷ | 27 ²¹ | S 13 |
| M14 | 9 34 25 | 24 ⁵⁶ 53 | 3 ¹⁷ | 12 ⁵² | 20 ⁸ | 29 ⁴¹ | 12 ⁵⁰ | 10 ⁵⁰ | 22 ³⁹ | 17 ³ | 19 ¹⁶ | 29 ⁴⁰ | 28 ³⁶ | 19 ¹⁴ | 27 ¹⁷ | M14 |
| T 15 | 9 38 21 | 25 ⁵⁷ 28 | 15 ¹⁷ | 14 ¹ | 21 ²⁴ | 0 ¹⁷ 26 | 13 ² | 10 ⁵⁶ | 22 ⁴³ | 17 ⁵ | 19 ¹⁷ | 29 ³⁶ | 28 ³³ | 19 ²⁰ | 27 ¹³ | T 15 |
| W16 | 9 42 18 | 26 ⁵⁸ 01 | 27 ³⁷ | 15 ⁴ | 22 ³⁹ | 1 ¹² | 13 ¹⁴ | 11 ² | 22 ⁴⁶ | 17 ⁷ | 19 ¹⁸ | 29 ³² | 28 ³⁰ | 19 ²⁷ | 27 ¹⁰ | W16 |
| T 17 | 9 46 14 | 27 ⁵⁸ 32 | 10 ⁸ 12 | 15 ⁵⁸ | 23 ⁵⁴ | 1 ⁵⁸ | 13 ²⁵ | 11 ⁷ | 22 ⁴⁹ | 17 ¹⁰ | 19 ¹⁹ | 29 ³⁰ | 28 ²⁷ | 19 ³⁴ | 27 ⁶ | T 17 |
| F 18 | 9 50 11 | 28 ⁵⁹ 02 | 23 ⁵ | 16 ⁴⁵ | 25 ⁹ | 2 ⁴³ | 13 ³⁷ | 11 ¹³ | 22 ⁵² | 17 ¹² | 19 ²⁰ | 29 ^{D28} | 28 ²⁴ | 19 ⁴⁰ | 27 ² | F 18 |
| S 19 | 9 54 8 | 29 ⁵⁹ 30 | 6 ¹⁸ | 17 ²³ | 26 ²⁴ | 3 ²⁹ | 13 ⁴⁹ | 11 ¹⁸ | 22 ⁵⁵ | 17 ¹⁴ | 19 ²¹ | 29 ²⁸ | 28 ²¹ | 19 ⁴⁷ | 26 ⁵⁹ | S 19 |
| S 20 | 9 58 4 | 0 ⁵⁹ 56 | 19 ⁵⁵ | 17 ⁵¹ | 27 ³⁹ | 4 ¹⁴ | 14 ⁰ | 11 ²⁴ | 22 ⁵⁸ | 17 ¹⁶ | 19 ²² | 29 ²⁹ | 28 ¹⁷ | 19 ⁵⁴ | 26 ⁵⁶ | S 20 |
| M21 | 10 2 1 | 2 ⁰ 20 | 3 ⁵⁷ | 18 ¹⁰ | 28 ⁵⁴ | 5 ⁰ | 14 ¹² | 11 ²⁹ | 23 ² | 17 ¹⁹ | 19 ²³ | 29 ³¹ | 28 ¹⁴ | 20 ⁰ | 26 ⁵² | M21 |
| T 22 | 10 5 57 | 3 ⁰ 42 | 18 ²³ | 18 ^{R19} | 0 ¹⁷ 9 | 5 ⁴⁵ | 14 ²³ | 11 ³⁴ | 23 ⁵ | 17 ²¹ | 19 ²⁴ | 29 ³² | 28 ¹¹ | 20 ⁷ | 26 ⁴⁹ | T 22 |
| W23 | 10 9 54 | 4 ¹ 02 | 3 ¹¹ | 18 ¹⁸ | 1 ²⁴ | 6 ³¹ | 14 ³⁴ | 11 ³⁹ | 23 ⁸ | 17 ²³ | 19 ²⁵ | 29 ^{R33} | 28 ⁸ | 20 ¹⁴ | 26 ⁴⁶ | W23 |
| T 24 | 10 13 50 | 5 ¹ 20 | 18 ¹⁶ | 18 ⁸ | 2 ³⁹ | 7 ¹⁶ | 14 ⁴⁶ | 11 ⁴⁵ | 23 ¹² | 17 ²⁵ | 19 ²⁶ | 29 ³¹ | 28 ⁵ | 20 ²⁰ | 26 ⁴³ | T 24 |
| F 25 | 10 17 47 | 6 ¹ 37 | 3 ¹⁰ 30 | 17 ⁴⁷ | 3 ⁵⁴ | 8 ² | 14 ⁵⁷ | 11 ⁵⁰ | 23 ¹⁵ | 17 ²⁷ | 19 ²⁷ | 29 ²⁸ | 28 ¹ | 20 ²⁷ | 26 ⁴⁰ | F 25 |
| S 26 | 10 21 43 | 7 ¹ 51 | 18 ⁴² | 17 ¹⁸ | 5 ⁹ | 8 ⁴⁷ | 15 ⁸ | 11 ⁵⁵ | 23 ¹⁸ | 17 ³⁰ | 19 ²⁸ | 29 ²⁴ | 27 ⁵⁸ | 20 ³⁴ | 26 ³⁷ | S 26 |
| S 27 | 10 25 40 | 8 ² 04 | 3 ⁴² | 16 ⁴¹ | 6 ²⁴ | 9 ³² | 15 ¹⁹ | 12 ⁰ | 23 ²² | 17 ³² | 19 ²⁹ | 29 ¹⁸ | 27 ⁵⁵ | 20 ⁴⁰ | 26 ³⁴ | S 27 |
| M28 | 10 29 37 | 9 ¹⁷ 215 | 18 ⁴² | 15 ¹⁷ 56 | 7 ¹⁷ 39 | 10 ¹⁷ 17 | 15 ²⁹ | 12 ³ 4 | 23 ¹⁷ 25 | 17 ³⁴ | 19 ³¹ | 29 ³² | 27 ⁵² | 20 ⁴⁷ | 26 ³¹ | M28 |

| Day | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | 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 | |
| T 1 | 17s16 | 14s11 | 5s16 | 15s41 | 1s37 | 20s11 | 0s54 | 4s43 | 0s42 | 22s59 | 0n 5 | 22s30 | 0n38 | 3s51 | 0s44 | 16s 5 |
| W 2 | 16 59 | 18 58 | 5 15 | 15 0 | 1 31 | 19 55 | 0 56 | 4 24 | 0 41 | 22 58 | 0 5 | 22 29 | 0 38 | 3 50 | 0 44 | 16 4 |
| T 3 | 16 42 | 22 41 | 4 57 | 14 18 | 1 24 | 19 38 | 0 57 | 4 5 | 0 40 | 22 57 | 0 5 | 22 29 | 0 38 | 3 48 | 0 44 | 16 4 |
| F 4 | 16 24 | 25 11 | 4 25 | 13 36 | 1 17 | 19 20 | 0 59 | 3 46 | 0 40 | 22 56 | 0 5 | 22 28 | 0 38 | 3 47 | 0 44 | 16 3 |
| S 5 | 16 6 | 26 22 | 3 41 | 12 52 | 1 9 | 19 2 | 1 1 | 3 27 | 0 39 | 22 56 | 0 5 | 22 28 | 0 38 | 3 46 | 0 44 | 16 2 |
| S 6 | 15 48 | 26 14 | 2 48 | 12 7 | 1 0 | 18 44 | 1 3 | 3 8 | 0 38 | 22 55 | 0 5 | 22 27 | 0 37 | 3 45 | 0 44 | 16 2 |
| M 7 | 15 29 | 24 52 | 1 48 | 11 22 | 0 50 | 18 25 | 1 4 | 2 50 | 0 37 | 22 54 | 0 5 | 22 27 | 0 37 | 3 44 | 0 44 | 16 1 |
| T 8 | 15 11 | 22 24 | 0 44 | 10 37 | 0 40 | 18 5 | 1 6 | 2 31 | 0 37 | 22 53 | 0 5 | 22 27 | 0 37 | 3 42 | 0 44 | 16 0 |
| W 9 | 14 52 | 18 59 | 0n21 | 9 51 | 0 28 | 17 45 | 1 7 | 2 12 | 0 36 | 22 52 | 0 4 | 22 26 | 0 37 | 3 41 | 0 44 | 15 59 |
| T 10 | 14 32 | 14 50 | 1 25 | 9 5 | 0 17 | 17 24 | 1 9 | 1 53 | 0 35 | 22 51 | 0 4 | 22 26 | 0 37 | 3 40 | 0 44 | 15 59 |
| F 11 | 14 13 | 10 7 | 2 26 | 8 20 | 0 4 | 17 3 | 1 10 | 1 34 | 0 34 | 22 50 | 0 4 | 22 25 | 0 37 | 3 39 | 0 44 | 15 58 |
| S 12 | 13 53 | 5 2 | 3 20 | 7 35 | 0n 9 | 16 42 | 1 11 | 1 15 | 0 34 | 22 49 | 0 4 | 22 25 | 0 37 | 3 38 | 0 44 | 15 57 |
| S 13 | 13 33 | 0n14 | 4 6 | 6 52 | 0 23 | 16 20 | 1 13 | 0 56 | 0 33 | 22 48 | 0 4 | 22 24 | 0 37 | 3 36 | 0 44 | 15 57 |
| M14 | 13 13 | 5 32 | 4 41 | 6 10 | 0 37 | 15 57 | 1 14 | 0 37 | 0 32 | 22 47 | 0 4 | 22 24 | 0 37 | 3 35 | 0 44 | 15 56 |
| T 15 | 12 53 | 10 41 | 5 4 | 5 29 | 0 52 | 15 34 | 1 15 | 0 18 | 0 31 | 22 45 | 0 4 | 22 24 | 0 37 | 3 34 | 0 44 | 15 55 |
| W16 | 12 32 | 15 30 | 5 14 | 4 51 | 1 8 | 15 11 | 1 16 | 0n 1 | 0 30 | 22 44 | 0 4 | 22 23 | 0 37 | 3 33 | 0 44 | 15 55 |
| T 17 | 12 11 | 19 46 | 5 8 | 4 16 | 1 23 | 14 47 | 1 17 | 0 20 | 0 30 | 22 43 | 0 4 | 22 23 | 0 37 | 3 31 | 0 44 | 15 54 |
| F 18 | 11 50 | 23 12 | 4 48 | 3 43 | 1 38 | 14 23 | 1 18 | 0 38 | 0 29 | 22 42 | 0 4 | 22 22 | 0 37 | 3 30 | 0 44 | 15 53 |
| S 19 | 11 29 | 25 30 | 4 11 | 3 14 | 1 54 | 13 58 | 1 19 | 0 57 | 0 28 | 22 41 | 0 4 | 22 22 | 0 37 | 3 29 | 0 44 | 15 53 |
| S 20 | 11 8 | 26 24 | 3 20 | 2 49 | 2 9 | 13 33 | 1 20 | 1 16 | 0 27 | 22 40 | 0 3 | 22 21 | 0 37 | 3 27 | 0 44 | 15 52 |
| M21 | 10 46 | 25 40 | 2 16 | 2 28 | 2 24 | 13 8 | 1 21 | 1 35 | 0 27 | 22 39 | 0 3 | 22 21 | 0 37 | 3 26 | 0 44 | 15 51 |
| T 22 | 10 25 | 23 12 | 1 1 | 2 12 | 2 38 | 12 42 | 1 22 | 1 53 | 0 26 | 22 38 | 0 3 | 22 21 | 0 37 | 3 25 | 0 44 | 15 51 |
| W23 | 10 3 19 | 8 0s20 | 2 0 | 2 51 | 12 16 | 1 22 | 2 12 | 2 12 | 0 25 | 22 37 | 0 3 | 22 20 | 0 37 | 3 24 | 0 43 | 15 50 |
| T 24 | 9 41 | 13 46 | 1 41 | 1 53 | 3 4 | 11 50 | 1 23 | 2 31 | 0 24 | 22 36 | 0 3 | 22 20 | 0 37 | 3 22 | 0 43 | 15 49 |
| F 25 | 9 19 | 7 31 | 2 55 | 1 51 | 3 14 | 11 23 | 1 24 | 2 49 | 0 24 | 22 34 | 0 3 | 22 19 | 0 37 | 3 21 | 0 43 | 15 49 |
| S 26 | 8 56 | 0 51 | 3 56 | 1 54 | 3 24 | 10 56 | 1 24 | 3 8 | 0 23 | 22 33 | 0 3 | 22 19 | 0 37 | 3 20 | 0 43 | 15 48 |
| S 27 | 8 34 | 5s46 | 4 40 | 2 1 | 3 31 | 10 29 | 1 25 | 3 26 | 0 22 | 22 32 | 0 3 | 22 18 | 0 37 | 3 18 | 0 43 | 15 47 |
| M28 | 8s11 | 11s54 | 5s 5 | 2s13 | 3n37 | 10s 1 | 1s25 | 3n45 | 0s21 | 22s31 | 0n 3 | 22s18 | 0n37 | 3s17 | 0s43 | 15s47 |

Julian Day Number = 2393867.5, Delta T = 7.63 sec
 Ecliptic obliquity = 23°27'40, Nutation = 0°00'16, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 22°32'07, Lahiri = 21°39'07

ASTRODIENST EPHEMERIS for the year 1842
geocentric

MARCH 1842

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | ♈ | ♉ | Day |
|------|----------|-----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|--------|--------|---------|------|
| T 1 | 10 33 33 | 10° 2'25 | 2° 35 | 15°R 5 | 8° 54 | 11° 2 | 15° 40 | 12° 9 | 23° 28 | 17° 36 | 19° 32 | 29°R 6 | 27° 49 | 20° 53 | 26°R 29 | T 1 |
| W 2 | 10 37 30 | 11° 2'33 | 16° 19 | 14° 10 | 10° 9 | 11° 48 | 15° 51 | 12° 14 | 23° 32 | 17° 38 | 19° 33 | 29° 2 | 27° 46 | 21° 0 | 26° 26 | W 2 |
| T 3 | 10 41 26 | 12° 2'39 | 29° 34 | 13° 11 | 11° 24 | 12° 33 | 16° 1 | 12° 19 | 23° 35 | 17° 40 | 19° 34 | 28° 59 | 27° 42 | 21° 7 | 26° 24 | T 3 |
| F 4 | 10 45 23 | 13° 2'44 | 12° 23 | 12° 10 | 12° 39 | 13° 18 | 16° 12 | 12° 23 | 23° 38 | 17° 42 | 19° 35 | 28°D 58 | 27° 39 | 21° 13 | 26° 21 | F 4 |
| S 5 | 10 49 19 | 14° 2'48 | 24° 49 | 11° 8 | 13° 54 | 14° 3 | 16° 22 | 12° 28 | 23° 42 | 17° 44 | 19° 36 | 28° 59 | 27° 36 | 21° 20 | 26° 19 | S 5 |
| S 6 | 10 53 16 | 15° 2'49 | 6° 58 | 10° 8 | 15° 9 | 14° 48 | 16° 32 | 12° 32 | 23° 45 | 17° 47 | 19° 37 | 29° 0 | 27° 33 | 21° 27 | 26° 17 | S 6 |
| M 7 | 10 57 12 | 16° 2'49 | 18° 55 | 9° 9 | 16° 24 | 15° 33 | 16° 43 | 12° 37 | 23° 49 | 17° 49 | 19° 39 | 29° 1 | 27° 30 | 21° 33 | 26° 14 | M 7 |
| T 8 | 11 1 9 | 17° 2'48 | 0° 45 | 8° 15 | 17° 39 | 16° 17 | 16° 53 | 12° 41 | 23° 52 | 17° 51 | 19° 40 | 29°R 2 | 27° 26 | 21° 40 | 26° 12 | T 8 |
| W 9 | 11 5 6 | 18° 2'45 | 12° 31 | 7° 24 | 18° 54 | 17° 2 | 17° 3 | 12° 45 | 23° 55 | 17° 53 | 19° 41 | 29° 1 | 27° 23 | 21° 47 | 26° 10 | W 9 |
| T 10 | 11 9 2 | 19° 2'39 | 24° 18 | 6° 38 | 20° 8 | 17° 47 | 17° 12 | 12° 49 | 23° 59 | 17° 55 | 19° 42 | 28° 57 | 27° 20 | 21° 53 | 26° 8 | T 10 |
| F 11 | 11 12 59 | 20° 2'32 | 6° 8 | 5° 58 | 21° 23 | 18° 32 | 17° 22 | 12° 54 | 24° 2 | 17° 57 | 19° 44 | 28° 52 | 27° 17 | 22° 0 | 26° 7 | F 11 |
| S 12 | 11 16 55 | 21° 2'23 | 18° 4 | 5° 25 | 22° 38 | 19° 17 | 17° 32 | 12° 58 | 24° 6 | 17° 59 | 19° 45 | 28° 44 | 27° 14 | 22° 7 | 26° 5 | S 12 |
| S 13 | 11 20 52 | 22° 2'12 | 0° 8 | 4° 57 | 23° 53 | 20° 1 | 17° 41 | 13° 1 | 24° 9 | 18° 1 | 19° 46 | 28° 34 | 27° 11 | 22° 13 | 26° 3 | S 13 |
| M14 | 11 24 48 | 23° 1'59 | 12° 20 | 4° 36 | 25° 8 | 20° 46 | 17° 50 | 13° 5 | 24° 12 | 18° 3 | 19° 47 | 28° 23 | 27° 7 | 22° 20 | 26° 2 | M14 |
| T 15 | 11 28 45 | 24° 1'44 | 24° 42 | 4° 21 | 26° 22 | 21° 30 | 18° 0 | 13° 9 | 24° 16 | 18° 5 | 19° 49 | 28° 13 | 27° 4 | 22° 27 | 26° 0 | T 15 |
| W16 | 11 32 41 | 25° 1'27 | 7° 15 | 4° 12 | 27° 37 | 22° 15 | 18° 9 | 13° 13 | 24° 19 | 18° 7 | 19° 50 | 28° 3 | 27° 1 | 22° 33 | 25° 59 | W16 |
| T 17 | 11 36 38 | 26° 1'08 | 19° 59 | 4°D 10 | 28° 52 | 22° 59 | 18° 18 | 13° 16 | 24° 23 | 18° 8 | 19° 51 | 27° 56 | 26° 58 | 22° 40 | 25° 58 | T 17 |
| F 18 | 11 40 34 | 27° 0'46 | 2° 57 | 4° 14 | 0° 6 | 23° 44 | 18° 27 | 13° 20 | 24° 26 | 18° 10 | 19° 53 | 27° 51 | 26° 55 | 22° 47 | 25° 57 | F 18 |
| S 19 | 11 44 31 | 28° 0'23 | 16° 11 | 4° 23 | 1° 21 | 24° 28 | 18° 35 | 13° 23 | 24° 30 | 18° 12 | 19° 54 | 27° 48 | 26° 52 | 22° 53 | 25° 56 | S 19 |
| S 20 | 11 48 28 | 28° 59'57 | 29° 41 | 4° 38 | 2° 36 | 25° 13 | 18° 44 | 13° 27 | 24° 33 | 18° 14 | 19° 55 | 27°D 47 | 26° 48 | 23° 0 | 25° 55 | S 20 |
| M21 | 11 52 24 | 29° 59'28 | 13° 31 | 4° 58 | 3° 50 | 25° 57 | 18° 53 | 13° 30 | 24° 36 | 18° 16 | 19° 57 | 27° 48 | 26° 45 | 23° 7 | 25° 54 | M21 |
| T 22 | 11 56 21 | 0° 58'58 | 27° 40 | 5° 23 | 5° 5 | 26° 41 | 19° 1 | 13° 33 | 24° 40 | 18° 18 | 19° 58 | 27°R 48 | 26° 42 | 23° 13 | 25° 53 | T 22 |
| W23 | 12 0 17 | 1° 58'24 | 12° 9 | 5° 52 | 6° 20 | 27° 25 | 19° 9 | 13° 36 | 24° 43 | 18° 20 | 19° 59 | 27° 47 | 26° 39 | 23° 20 | 25° 53 | W23 |
| T 24 | 12 4 14 | 2° 57'49 | 26° 55 | 6° 26 | 7° 34 | 28° 9 | 19° 17 | 13° 39 | 24° 47 | 18° 21 | 20° 1 | 27° 45 | 26° 36 | 23° 27 | 25° 52 | T 24 |
| F 25 | 12 8 10 | 3° 57'11 | 11° 51 | 7° 4 | 8° 49 | 28° 53 | 19° 25 | 13° 42 | 24° 50 | 18° 23 | 20° 2 | 27° 39 | 26° 32 | 23° 33 | 25° 52 | F 25 |
| S 26 | 12 12 7 | 4° 56'31 | 26° 50 | 7° 46 | 10° 3 | 29° 38 | 19° 33 | 13° 45 | 24° 54 | 18° 25 | 20° 3 | 27° 31 | 26° 29 | 23° 40 | 25° 51 | S 26 |
| S 27 | 12 16 3 | 5° 55'49 | 11° 44 | 8° 31 | 11° 18 | 0° 21 | 19° 41 | 13° 48 | 24° 57 | 18° 26 | 20° 5 | 27° 21 | 26° 26 | 23° 47 | 25° 51 | S 27 |
| M28 | 12 20 0 | 6° 55'05 | 26° 22 | 9° 20 | 12° 32 | 1° 5 | 19° 48 | 13° 50 | 25° 0 | 18° 28 | 20° 6 | 27° 10 | 26° 23 | 23° 53 | 25° 51 | M28 |
| T 29 | 12 23 57 | 7° 54'19 | 10° 38 | 10° 12 | 13° 47 | 1° 49 | 19° 56 | 13° 53 | 25° 4 | 18° 30 | 20° 7 | 27° 0 | 26° 20 | 24° 0 | 25°D 51 | T 29 |
| W30 | 12 27 53 | 8° 53'31 | 24° 27 | 11° 8 | 15° 1 | 2° 33 | 20° 3 | 13° 55 | 25° 7 | 18° 31 | 20° 9 | 26° 51 | 26° 17 | 24° 7 | 25° 51 | W30 |
| T 31 | 12 31 50 | 9° 52'42 | 7° 48 | 12° 6 | 16° 16 | 3° 17 | 20° 30 | 13° 58 | 25° 10 | 18° 33 | 20° 10 | 26° 45 | 26° 13 | 24° 13 | 25° 51 | T 31 |

| Day | ☉ | ☾ | | ♊ | | ♋ | | ♌ | | ♍ | | ♎ | | ♏ | | ♐ | | ♑ | | ♒ | ♓ | ♈ | ♉ | ♊ | ♋ | ♌ |
|------|------|-------|------|------|------|------|------|-------|------|-------|------|-------|------|------|------|-------|------|------|-------|-------|-------|-------|-------|------|------|-----|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | decl | lat |
| T 1 | 7s49 | 17s14 | 5s10 | 2s29 | 3n41 | 9s33 | 1s25 | 4n 3 | 0s21 | 22s30 | 0n 3 | 22s18 | 0n37 | 3s16 | 0s43 | 15s46 | 0s12 | 7s59 | 16s53 | 20s21 | 20s37 | 12s38 | 13n27 | 7s34 | | |
| W 2 | 7 26 | 21 28 | 4 57 | 2 49 | 3 42 | 9 5 | 1 26 | 4 22 | 0 20 | 22 29 | 0 2 | 22 17 | 0 37 | 3 14 | 0 43 | 15 46 | 0 12 | 7 59 | 16 52 | 20 22 | 20 38 | 12 35 | 13 28 | 7 33 | | |
| T 3 | 7 3 | 24 26 | 4 28 | 3 12 | 3 42 | 8 37 | 1 26 | 4 40 | 0 19 | 22 28 | 0 2 | 22 17 | 0 37 | 3 13 | 0 43 | 15 45 | 0 12 | 7 58 | 16 52 | 20 23 | 20 38 | 12 32 | 13 29 | 7 33 | | |
| F 4 | 6 40 | 26 2 | 3 46 | 3 38 | 3 39 | 8 9 | 1 26 | 4 58 | 0 19 | 22 26 | 0 2 | 22 16 | 0 37 | 3 12 | 0 43 | 15 44 | 0 12 | 7 57 | 16 52 | 20 23 | 20 39 | 12 29 | 13 30 | 7 32 | | |
| S 5 | 6 17 | 26 16 | 2 55 | 4 5 | 3 34 | 7 40 | 1 26 | 5 16 | 0 18 | 22 25 | 0 2 | 22 16 | 0 37 | 3 10 | 0 43 | 15 44 | 0 12 | 7 57 | 16 52 | 20 23 | 20 40 | 12 26 | 13 31 | 7 32 | | |
| S 6 | 5 54 | 25 13 | 1 57 | 4 34 | 3 28 | 7 11 | 1 26 | 5 34 | 0 17 | 22 24 | 0 2 | 22 16 | 0 37 | 3 9 | 0 43 | 15 43 | 0 12 | 7 56 | 16 51 | 20 23 | 20 40 | 12 23 | 13 32 | 7 31 | | |
| M 7 | 5 31 | 23 1 | 0 55 | 5 4 | 3 19 | 6 42 | 1 26 | 5 52 | 0 16 | 22 23 | 0 2 | 22 15 | 0 37 | 3 7 | 0 43 | 15 42 | 0 12 | 7 55 | 16 51 | 20 22 | 20 41 | 12 20 | 13 33 | 7 30 | | |
| T 8 | 5 7 | 19 52 | 0n 9 | 5 34 | 3 9 | 6 12 | 1 26 | 6 10 | 0 16 | 22 22 | 0 2 | 22 15 | 0 37 | 3 6 | 0 43 | 15 42 | 0 12 | 7 55 | 16 51 | 20 22 | 20 41 | 12 17 | 13 34 | 7 30 | | |
| W 9 | 4 44 | 15 55 | 1 12 | 6 3 | 2 58 | 5 43 | 1 26 | 6 28 | 0 15 | 22 21 | 0 2 | 22 14 | 0 37 | 3 5 | 0 43 | 15 41 | 0 12 | 7 54 | 16 51 | 20 23 | 20 42 | 12 15 | 13 35 | 7 29 | | |
| T 10 | 4 20 | 11 22 | 2 12 | 6 31 | 2 45 | 5 13 | 1 25 | 6 46 | 0 14 | 22 20 | 0 2 | 22 14 | 0 37 | 3 3 | 0 43 | 15 41 | 0 13 | 7 54 | 16 51 | 20 23 | 20 43 | 12 12 | 13 36 | 7 29 | | |
| F 11 | 3 57 | 6 23 | 3 6 | 6 58 | 2 32 | 4 43 | 1 25 | 7 4 | 0 13 | 22 18 | 0 2 | 22 14 | 0 37 | 3 2 | 0 43 | 15 40 | 0 13 | 7 53 | 16 50 | 20 24 | 20 43 | 12 9 | 13 37 | 7 28 | | |
| S 12 | 3 33 | 1 9 | 3 53 | 7 23 | 2 18 | 4 13 | 1 25 | 7 21 | 0 13 | 22 17 | 0 1 | 22 13 | 0 37 | 3 1 | 0 43 | 15 39 | 0 13 | 7 52 | 16 50 | 20 26 | 20 44 | 12 6 | 13 37 | 7 27 | | |
| S 13 | 3 10 | 4n10 | 4 29 | 7 47 | 2 4 | 3 43 | 1 24 | 7 39 | 0 12 | 22 16 | 0 1 | 22 13 | 0 37 | 2 59 | 0 43 | 15 39 | 0 13 | 7 52 | 16 50 | 20 28 | 20 45 | 12 3 | 13 38 | 7 27 | | |
| M14 | 2 46 | 9 23 | 4 53 | 8 8 | 1 49 | 3 13 | 1 24 | 7 56 | 0 11 | 22 15 | 0 1 | 22 13 | 0 37 | 2 58 | 0 43 | 15 38 | 0 13 | 7 51 | 16 50 | 20 30 | 20 45 | 12 0 | 13 39 | 7 26 | | |
| T 15 | 2 22 | 14 18 | 5 4 | 8 27 | 1 34 | 2 43 | 1 23 | 8 14 | 0 11 | 22 14 | 0 1 | 22 12 | 0 37 | 2 57 | 0 43 | 15 38 | 0 13 | 7 50 | 16 50 | 20 32 | 20 46 | 11 57 | 13 40 | 7 25 | | |
| W16 | 1 59 | 18 41 | 5 1 | 8 44 | 1 20 | 2 13 | 1 23 | 8 31 | 0 10 | 22 13 | 0 1 | 22 12 | 0 37 | 2 55 | 0 43 | 15 37 | 0 13 | 7 50 | 16 50 | 20 34 | 20 46 | 11 54 | 13 41 | 7 25 | | |
| T 17 | 1 35 | 22 18 | 4 43 | 8 59 | 1 5 | 1 42 | 1 22 | 8 48 | 0 9 | 22 12 | 0 1 | 22 12 | 0 36 | 2 54 | 0 43 | 15 36 | 0 13 | 7 49 | 16 49 | 20 36 | 20 47 | 11 51 | 13 42 | 7 24 | | |
| F 18 | 1 11 | 24 51 | 4 10 | 9 11 | 0 51 | 1 12 | 1 21 | 9 5 | 0 8 | 22 11 | 0 1 | 22 11 | 0 36 | 2 52 | 0 43 | 15 36 | 0 13 | 7 49 | 16 49 | 20 37 | 20 48 | 11 48 | 13 43 | 7 23 | | |
| S 19 | 0 48 | 26 7 | 3 23 | 9 21 | 0 36 | 0 42 | 1 20 | 9 22 | 0 8 | 22 9 | 0 1 | 22 11 | 0 36 | 2 51 | 0 43 | 15 35 | 0 13 | 7 48 | 16 49 | 20 37 | 20 48 | 11 46 | 13 44 | 7 23 | | |
| S 20 | 0 24 | 25 52 | 2 24 | 9 28 | 0 23 | 0 11 | 1 20 | 9 39 | 0 7 | 22 8 | 0 1 | 22 11 | 0 36 | 2 50 | 0 43 | 15 35 | 0 13 | 7 47 | 16 49 | 20 37 | 20 49 | 11 43 | 13 45 | 7 22 | | |
| M21 | 0 0 | 24 2 | 1 16 | 9 33 | 0 9 | 0n19 | 1 19 | 9 56 | 0 6 | 22 7 | 0 1 | 22 10 | 0 36 | 2 48 | 0 43 | 15 34 | 0 13 | 7 47 | 16 49 | 20 37 | 20 49 | 11 40 | 13 45 | 7 21 | | |
| T 22 | 0n23 | 20 39 | 0 1 | 9 36 | 0s 4 | 0 50 | 1 18 | 10 13 | 0 6 | 22 6 | 0 0 | 22 10 | 0 36 | 2 47 | 0 43 | 15 34 | 0 13 | 7 46 | 16 49 | 20 37 | 20 50 | 11 37 | 13 46 | 7 20 | | |
| W23 | 0 47 | 15 57 | 1s16 | 9 37 | 0 16 | 1 20 | 1 17 | 10 29 | 0 5 | 22 5 | 0 0 | 22 10 | 0 36 | 2 46 | 0 43 | 15 33 | 0 13 | 7 46 | 16 49 | 20 37 | 20 51 | 11 34 | 13 47 | 7 20 | | |
| T 24 | 1 11 | 10 14 | 2 29 | 9 36 | 0 28 | 1 51 | 1 16 | 10 46 | 0 4 | 22 4 | 0 0 | 22 9 | 0 36 | 2 44 | 0 43 | 15 33 | 0 13 | 7 45 | 16 49 | 20 38 | 20 51 | 11 31 | 13 48 | 7 19 | | |
| F 25 | 1 34 | 3 52 | 3 32 | 9 32 | 0 40 | 2 21 | 1 14 | 11 2 | 0 3 | 22 3 | 0 0 | 22 9 | 0 36 | 2 43 | 0 43 | 15 32 | 0 13 | 7 44 | 16 48 | 20 39 | 20 52 | 11 28 | 13 49 | 7 18 | | |
| S 26 | 1 58 | 2s44 | 4 21 | 9 27 | 0 51 | 2 52 | 1 13 | 11 18 | 0 3 | 22 2 | 0s 0 | 22 9 | 0 36 | 2 42 | 0 43 | 15 32 | 0 13 | 7 44 | 16 48 | 20 41 | 20 53 | 11 25 | 13 49 | 7 18 | | |
| S 27 | 2 21 | 9 7 | 4 51 | 9 20 | 1 1 | 3 22 | 1 12 | 11 35 | 0 2 | 22 1 | 0 0 | 22 9 | 0 36 | 2 40 | 0 43 | 15 31 | 0 13 | 7 43 | 16 48 | 20 43 | 20 53 | 11 22 | 13 50 | 7 17 | | |
| M28 | 2 45 | 14 53 | 5 2 | 9 10 | 1 11 | 3 52 | 1 11 | 11 51 | 0 1 | 22 0 | 0 0 | 22 8 | 0 36 | 2 39 | 0 43 | 15 31 | 0 13 | 7 43 | 16 48 | 20 45 | 20 54 | 11 19 | 13 51 | 7 16 | | |
| T 29 | 3 8 | 19 40 | 4 54 | 8 59 | 1 20 | 4 23 | 1 9 | 12 6 | 0 1 | 21 59 | 0 0 | 22 8 | 0 36 | 2 38 | 0 43 | 15 30 | 0 13 | 7 42 | 16 48 | 20 47 | 20 54 | 11 16 | 13 52 | 7 15 | | |
| W30 | 3 32 | 23 14 | 4 29 | 8 46 | 1 29 | 4 53 | 1 8 | 12 22 | 0 0 | 21 58 | 0 0 | 22 8 | 0 36 | 2 36 | 0 43 | 15 30 | 0 13 | 7 42 | 16 48 | 20 48 | 20 55 | 11 13 | 13 52 | 7 15 | | |
| T 31 | 3n55 | 25s24 | 3s49 | 8s32 | 1s37 | 5n23 | 1s 6 | 12n38 | 0n 1 | 21s57 | 0s 1 | 22s 8 | 0n36 | 2s35 | 0s43 | 15s29 | 0s13 | 7s41 | 16s48 | 20s50 | 20s56 | 11s11 | 13n53 | 7s14 | | |

ASTRODIENST EPHEMERIS for the year 1842

geocentric

APRIL 1842

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|----------|-------|-------|-------|-------|-------|--------|-------|-------|-------|--------|--------|-------|-------|------|
| F 1 | 12 35 46 | 10°51'50 | 20°41 | 13°7 | 17°30 | 4°8 | 20°17 | 14°3 | 25°14 | 18°35 | 20°12 | 26°R41 | 26°310 | 24°20 | 25°52 | F 1 |
| S 2 | 12 39 43 | 11°50'57 | 3°31 | 14°11 | 18°44 | 4°44 | 20°24 | 14°2 | 25°17 | 18°36 | 20°13 | 26°339 | 26°7 | 24°27 | 25°52 | S 2 |
| S 3 | 12 43 39 | 12°50'02 | 15°23 | 15°17 | 19°59 | 5°28 | 20°31 | 14°4 | 25°20 | 18°38 | 20°14 | 26°D39 | 26°4 | 24°33 | 25°53 | S 3 |
| M 4 | 12 47 36 | 13°49'06 | 27°20 | 16°25 | 21°13 | 6°12 | 20°37 | 14°6 | 25°24 | 18°39 | 20°16 | 26°R39 | 26°1 | 24°40 | 25°53 | M 4 |
| T 5 | 12 51 32 | 14°48'07 | 9°10 | 17°36 | 22°27 | 6°55 | 20°43 | 14°8 | 25°27 | 18°41 | 20°17 | 26°39 | 25°58 | 24°47 | 25°54 | T 5 |
| W 6 | 12 55 29 | 15°47'07 | 20°57 | 18°49 | 23°42 | 7°39 | 20°50 | 14°10 | 25°30 | 18°42 | 20°19 | 26°36 | 25°54 | 24°53 | 25°55 | W 6 |
| T 7 | 12 59 26 | 16°46'04 | 2°46 | 20°4 | 24°56 | 8°22 | 20°56 | 14°11 | 25°33 | 18°43 | 20°20 | 26°32 | 25°51 | 25°0 | 25°56 | T 7 |
| F 8 | 13 3 22 | 17°45'00 | 14°40 | 21°22 | 26°10 | 9°6 | 21°2 | 14°13 | 25°37 | 18°45 | 20°22 | 26°24 | 25°48 | 25°7 | 25°57 | F 8 |
| S 9 | 13 7 19 | 18°43'54 | 26°44 | 22°41 | 27°25 | 9°49 | 21°7 | 14°15 | 25°40 | 18°46 | 20°23 | 26°14 | 25°45 | 25°13 | 25°58 | S 9 |
| S 10 | 13 11 15 | 19°42'46 | 8°58 | 24°2 | 28°39 | 10°32 | 21°13 | 14°16 | 25°43 | 18°48 | 20°24 | 26°1 | 25°42 | 25°20 | 25°59 | S 10 |
| M 11 | 13 15 12 | 20°41'37 | 21°25 | 25°25 | 29°53 | 11°16 | 21°18 | 14°17 | 25°46 | 18°49 | 20°26 | 25°48 | 25°38 | 25°27 | 26°0 | M 11 |
| T 12 | 13 19 8 | 21°40'25 | 4°8 | 26°50 | 1°8 | 11°59 | 21°24 | 14°18 | 25°49 | 18°50 | 20°27 | 25°34 | 25°35 | 25°33 | 26°2 | T 12 |
| W 13 | 13 23 5 | 22°39'11 | 16°54 | 28°16 | 2°21 | 12°42 | 21°29 | 14°20 | 25°53 | 18°51 | 20°29 | 25°22 | 25°32 | 25°40 | 26°3 | W 13 |
| T 14 | 13 27 1 | 23°37'55 | 29°57 | 29°45 | 3°35 | 13°25 | 21°34 | 14°21 | 25°56 | 18°53 | 20°30 | 25°12 | 25°29 | 25°47 | 26°5 | T 14 |
| F 15 | 13 30 58 | 24°36'37 | 13°11 | 1°15 | 4°50 | 14°8 | 21°39 | 14°22 | 25°59 | 18°54 | 20°31 | 25°4 | 25°26 | 25°53 | 26°7 | F 15 |
| S 16 | 13 34 55 | 25°35'17 | 26°35 | 2°47 | 6°4 | 14°51 | 21°43 | 14°22 | 26°2 | 18°55 | 20°33 | 25°0 | 25°23 | 26°0 | 26°8 | S 16 |
| S 17 | 13 38 51 | 26°33'55 | 10°12 | 4°20 | 7°18 | 15°34 | 21°48 | 14°23 | 26°5 | 18°56 | 20°34 | 24°58 | 25°19 | 26°7 | 26°10 | S 17 |
| M 18 | 13 42 48 | 27°32'30 | 24°0 | 5°56 | 8°32 | 16°17 | 21°52 | 14°24 | 26°8 | 18°57 | 20°36 | 24°58 | 25°16 | 26°13 | 26°12 | M 18 |
| T 19 | 13 46 44 | 28°31'03 | 8°1 | 7°33 | 9°46 | 17°0 | 21°56 | 14°24 | 26°11 | 18°58 | 20°37 | 24°58 | 25°13 | 26°20 | 26°14 | T 19 |
| W 20 | 13 50 41 | 29°29'34 | 22°15 | 9°11 | 11°0 | 17°43 | 22°0 | 14°25 | 26°14 | 18°59 | 20°38 | 24°56 | 25°10 | 26°27 | 26°17 | W 20 |
| T 21 | 13 54 37 | 0°28'03 | 6°10 | 10°52 | 12°14 | 18°26 | 22°4 | 14°25 | 26°17 | 19°0 | 20°40 | 24°53 | 25°7 | 26°33 | 26°19 | T 21 |
| F 22 | 13 58 34 | 1°26'29 | 21°12 | 12°34 | 13°28 | 19°9 | 22°7 | 14°25 | 26°20 | 19°1 | 20°41 | 24°47 | 25°3 | 26°40 | 26°21 | F 22 |
| S 23 | 14 2 30 | 2°24'54 | 5°47 | 14°18 | 14°42 | 19°51 | 22°10 | 14°25 | 26°23 | 19°2 | 20°43 | 24°38 | 25°0 | 26°47 | 26°24 | S 23 |
| S 24 | 14 6 27 | 3°23'16 | 20°19 | 16°3 | 15°56 | 20°34 | 22°14 | 14°R25 | 26°26 | 19°3 | 20°44 | 24°28 | 24°57 | 26°53 | 26°26 | S 24 |
| M 25 | 14 10 24 | 4°21'37 | 4°10 | 17°50 | 17°9 | 21°17 | 22°17 | 14°25 | 26°29 | 19°4 | 20°45 | 24°16 | 24°54 | 27°0 | 26°29 | M 25 |
| T 26 | 14 14 20 | 5°19'55 | 18°43 | 19°39 | 18°23 | 21°59 | 22°20 | 14°25 | 26°32 | 19°5 | 20°47 | 24°5 | 24°51 | 27°7 | 26°32 | T 26 |
| W 27 | 14 18 17 | 6°18'12 | 2°25 | 21°30 | 19°37 | 22°42 | 22°22 | 14°25 | 26°35 | 19°6 | 20°48 | 23°55 | 24°48 | 27°13 | 26°35 | W 27 |
| T 28 | 14 22 13 | 7°16'28 | 15°42 | 23°22 | 20°51 | 23°24 | 22°25 | 14°25 | 26°37 | 19°7 | 20°50 | 23°48 | 24°44 | 27°20 | 26°38 | T 28 |
| F 29 | 14 26 10 | 8°14'42 | 28°36 | 25°16 | 22°5 | 24°6 | 22°27 | 14°24 | 26°40 | 19°8 | 20°51 | 23°43 | 24°41 | 27°27 | 26°41 | F 29 |
| S 30 | 14 30 6 | 9°12'54 | 11°3 | 27°12 | 23°18 | 24°49 | 22°29 | 14°24 | 26°43 | 19°8 | 20°52 | 23°41 | 24°38 | 27°33 | 26°44 | 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 | 4n18 | 26s 6 | 2s59 | 8s15 | 1s45 | 5n53 | 1s 5 | 12n53 | 0n 1 | 21s56 | 0s 1 | 22s 7 | 0n36 | 2s34 | 0s43 | 15s29 | 0s13 | 7s40 | 16s48 | 20s50 | 20s56 | 11s 8 | 13n54 | 7s13 | |
| S 2 | 4 41 | 25 27 | 2 1 | 7 57 | 1 52 | 6 22 | 1 3 | 13 9 | 0 2 | 21 55 | 0 1 | 22 7 | 0 36 | 2 32 | 0 43 | 15 28 | 0 13 | 7 40 | 16 48 | 20 51 | 20 57 | 11 5 | 13 54 | 7 12 | |
| S 3 | 5 4 | 23 34 | 1 0 | 7 38 | 1 59 | 6 52 | 1 2 | 13 24 | 0 3 | 21 55 | 0 1 | 22 7 | 0 36 | 2 31 | 0 43 | 15 28 | 0 13 | 7 39 | 16 48 | 20 51 | 20 57 | 11 2 | 13 55 | 7 12 | |
| M 4 | 5 27 | 20 39 | 0n 4 | 7 17 | 2 5 | 7 22 | 1 0 | 13 39 | 0 3 | 21 54 | 0 1 | 22 7 | 0 36 | 2 30 | 0 43 | 15 27 | 0 13 | 7 39 | 16 48 | 20 51 | 20 58 | 10 59 | 13 56 | 7 11 | |
| T 5 | 5 50 | 16 55 | 1 6 | 6 54 | 2 10 | 7 51 | 0 58 | 13 54 | 0 4 | 21 53 | 0 1 | 22 7 | 0 36 | 2 28 | 0 43 | 15 27 | 0 13 | 7 38 | 16 48 | 20 51 | 20 58 | 10 56 | 13 56 | 7 10 | |
| W 6 | 6 13 | 12 33 | 2 5 | 6 30 | 2 15 | 8 20 | 0 56 | 14 9 | 0 5 | 21 52 | 0 1 | 22 6 | 0 36 | 2 27 | 0 43 | 15 26 | 0 13 | 7 38 | 16 48 | 20 51 | 20 59 | 10 53 | 13 57 | 7 10 | |
| T 7 | 6 36 | 7 43 | 2 59 | 6 4 | 2 20 | 8 49 | 0 55 | 14 24 | 0 5 | 21 51 | 0 1 | 22 6 | 0 36 | 2 26 | 0 43 | 15 26 | 0 13 | 7 37 | 16 48 | 20 52 | 21 0 | 10 50 | 13 57 | 7 9 | |
| F 8 | 6 58 | 2 35 | 3 45 | 5 38 | 2 24 | 9 18 | 0 53 | 14 38 | 0 6 | 21 50 | 0 2 | 22 6 | 0 36 | 2 25 | 0 43 | 15 25 | 0 13 | 7 37 | 16 48 | 20 54 | 21 0 | 10 47 | 13 58 | 7 8 | |
| S 9 | 7 21 | 2n42 | 4 22 | 5 9 | 2 27 | 9 46 | 0 51 | 14 53 | 0 7 | 21 50 | 0 2 | 22 6 | 0 36 | 2 23 | 0 43 | 15 25 | 0 13 | 7 36 | 16 48 | 20 55 | 21 1 | 10 44 | 13 58 | 7 7 | |
| S 10 | 7 43 | 7 57 | 4 47 | 4 40 | 2 30 | 10 15 | 0 49 | 15 7 | 0 7 | 21 49 | 0 2 | 22 6 | 0 36 | 2 22 | 0 43 | 15 25 | 0 13 | 7 36 | 16 47 | 20 58 | 21 1 | 10 41 | 13 59 | 7 7 | |
| M11 | 8 5 | 12 58 | 4 59 | 4 9 | 2 32 | 10 43 | 0 47 | 15 21 | 0 8 | 21 48 | 0 2 | 22 6 | 0 36 | 2 21 | 0 43 | 15 24 | 0 13 | 7 35 | 16 47 | 21 0 | 21 2 | 10 38 | 13 59 | 7 6 | |
| T 12 | 8 27 | 17 32 | 4 57 | 3 37 | 2 34 | 11 10 | 0 45 | 15 35 | 0 9 | 21 47 | 0 2 | 22 6 | 0 36 | 2 20 | 0 43 | 15 24 | 0 13 | 7 34 | 16 47 | 21 3 | 21 3 | 10 35 | 14 0 | 7 5 | |
| W13 | 8 49 | 21 22 | 4 39 | 3 4 | 2 35 | 11 38 | 0 43 | 15 49 | 0 9 | 21 47 | 0 2 | 22 6 | 0 36 | 2 18 | 0 44 | 15 24 | 0 13 | 7 34 | 16 47 | 21 5 | 21 3 | 10 32 | 14 0 | 7 4 | |
| T 14 | 9 11 | 24 11 | 4 7 | 2 29 | 2 36 | 12 5 | 0 41 | 16 2 | 0 10 | 21 46 | 0 2 | 22 5 | 0 36 | 2 17 | 0 44 | 15 23 | 0 13 | 7 33 | 16 47 | 21 7 | 21 4 | 10 29 | 14 1 | 7 4 | |
| F 15 | 9 33 | 25 44 | 3 21 | 1 53 | 2 36 | 12 32 | 0 38 | 16 16 | 0 11 | 21 46 | 0 2 | 22 5 | 0 36 | 2 16 | 0 44 | 15 23 | 0 13 | 7 33 | 16 47 | 21 8 | 21 4 | 10 26 | 14 1 | 7 3 | |
| S 16 | 9 54 | 25 49 | 2 24 | 1 17 | 2 36 | 12 59 | 0 36 | 16 29 | 0 11 | 21 45 | 0 3 | 22 5 | 0 36 | 2 15 | 0 44 | 15 22 | 0 13 | 7 32 | 16 48 | 21 9 | 21 5 | 10 24 | 14 1 | 7 2 | |
| S 17 | 10 15 | 24 21 | 1 17 | 0 39 | 2 35 | 13 25 | 0 34 | 16 42 | 0 12 | 21 44 | 0 3 | 22 5 | 0 36 | 2 13 | 0 44 | 15 22 | 0 13 | 7 32 | 16 48 | 21 9 | 21 6 | 10 21 | 14 2 | 7 1 | |
| M18 | 10 36 | 21 25 | 0 5 | 0n 0 | 2 34 | 13 51 | 0 32 | 16 55 | 0 12 | 21 44 | 0 3 | 22 5 | 0 36 | 2 12 | 0 44 | 15 22 | 0 13 | 7 32 | 16 48 | 21 9 | 21 6 | 10 18 | 14 2 | 7 1 | |
| T 19 | 10 57 | 17 10 | 1s 9 | 0 40 | 2 32 | 14 17 | 0 30 | 17 8 | 0 13 | 21 43 | 0 3 | 22 5 | 0 36 | 2 11 | 0 44 | 15 21 | 0 13 | 7 31 | 16 48 | 21 9 | 21 7 | 10 15 | 14 3 | 7 0 | |
| W20 | 11 18 | 11 55 | 2 19 | 1 21 | 2 29 | 14 42 | 0 27 | 17 21 | 0 14 | 21 43 | 0 3 | 22 5 | 0 36 | 2 10 | 0 44 | 15 21 | 0 13 | 7 31 | 16 48 | 21 10 | 21 7 | 10 12 | 14 3 | 6 59 | |
| T 21 | 11 39 | 5 57 | 3 21 | 2 3 | 2 27 | 15 7 | 0 25 | 17 33 | 0 14 | 21 42 | 0 3 | 22 5 | 0 36 | 2 9 | 0 44 | 15 21 | 0 13 | 7 30 | 16 48 | 21 10 | 21 8 | 10 9 | 14 3 | 6 59 | |
| F 22 | 11 59 | 0s21 | 4 11 | 2 46 | 2 23 | 15 32 | 0 23 | 17 46 | 0 15 | 21 42 | 0 3 | 22 5 | 0 36 | 2 8 | 0 44 | 15 21 | 0 13 | 7 30 | 16 48 | 21 11 | 21 8 | 10 6 | 14 3 | 6 58 | |
| S 23 | 12 19 | 6 39 | 4 45 | 3 30 | 2 19 | 15 56 | 0 20 | 17 58 | 0 16 | 21 41 | 0 3 | 22 5 | 0 36 | 2 6 | 0 44 | 15 20 | 0 13 | 7 29 | 16 48 | 21 13 | 21 9 | 10 3 | 14 4 | 6 57 | |
| S 24 | 12 39 | 12 34 | 5 0 | 4 15 | 2 15 | 16 20 | 0 18 | 18 10 | 0 16 | 21 41 | 0 4 | 22 5 | 0 36 | 2 5 | 0 44 | 15 20 | 0 13 | 7 29 | 16 48 | 21 15 | 21 10 | 10 0 | 14 4 | 6 56 | |
| M25 | 12 59 | 17 43 | 4 56 | 5 0 | 2 10 | 16 44 | 0 15 | 18 22 | 0 17 | 21 41 | 0 4 | 22 5 | 0 36 | 2 4 | 0 44 | 15 20 | 0 13 | 7 28 | 16 48 | 21 17 | 21 10 | 9 57 | 14 4 | 6 56 | |
| T 26 | 13 19 | 21 47 | 4 34 | 5 47 | 2 4 | 17 6 | 0 13 | 18 34 | 0 17 | 21 40 | 0 4 | 22 5 | 0 36 | 2 3 | 0 44 | 15 19 | 0 13 | 7 28 | 16 48 | 21 19 | 21 11 | 9 54 | 14 4 | 6 55 | |
| W27 | 13 38 | 24 31 | 3 56 | 6 34 | 1 58 | 17 29 | 0 11 | 18 45 | 0 18 | 21 40 | 0 4 | 22 5 | 0 36 | 2 2 | 0 44 | 15 19 | 0 13 | 7 28 | 16 48 | 21 20 | 21 11 | 9 51 | 14 4 | 6 54 | |
| T 28 | 13 57 | 25 47 | 3 7 | 7 21 | 1 52 | 17 51 | 0 8 | 18 56 | 0 19 | 21 40 | 0 4 | 22 5 | 0 36 | 2 1 | 0 44 | 15 19 | 0 13 | 7 27 | 16 48 | 21 22 | 21 12 | 9 48 | 14 5 | 6 54 | |
| F 29 | 14 16 | 25 36 | 2 9 | 8 10 | 1 45 | 18 13 | 0 6 | 19 8 | 0 19 | 21 40 | 0 4 | 22 5 | 0 36 | 2 0 | 0 44 | 15 19 | 0 13 | 7 27 | 16 48 | 21 23 | 21 12 | 9 45 | 14 5 | 6 53 | |
| S 30 | 14n35 | 24s 6 | 1s 6 | 8n58 | 1s37 | 18n34 | 0s 3 | 19n18 | 0n20 | 21s39 | 0s 4 | 22s 5 | 0n36 | 1s59 | 0s44 | 15s19 | 0s13 | 7s26 | 16s48 | 21s23 | 21s13 | 9s42 | 14n 5 | 6s52 | |

ASTRODIENST EPHEMERIS for the year 1842

geocentric

MAY 1842

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|-----------------------|---------------------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|--------------------|--------------------|------|
| S 1 | 14 34 3 | 10 ⁸ 11'05 | 23 ³ 21 | 29 ⁹ 9 | 24 ⁸ 32 | 25 ⁸ 31 | 22 ³ 31 | 14 ² R23 | 26 ⁴ 46 | 19 ⁹ 9 | 20 ⁹ 54 | 23 ² D40 | 24 ³ 35 | 27 ⁹ 40 | 26 ⁹ 47 | S 1 |
| M 2 | 14 37 59 | 11 ⁰ 9'14 | 5 ⁹ 21 | 1 ⁸ 9 | 25 ⁴ 46 | 26 ¹ 13 | 22 ³ 33 | 14 ³ 22 | 26 ⁴ 48 | 19 ¹ 10 | 20 ⁵ 55 | 23 ³ R40 | 24 ³ 32 | 27 ⁴ 47 | 26 ⁵ 50 | M 2 |
| T 3 | 14 41 56 | 12 ⁰ 7'22 | 17 ¹ 13 | 3 ¹ 10 | 27 ⁰ 0 | 26 ⁵ 56 | 22 ³ 34 | 14 ² 21 | 26 ⁵ 51 | 19 ¹ 10 | 20 ⁵ 56 | 23 ³ 40 | 24 ² 29 | 27 ⁵ 53 | 26 ⁵ 54 | T 3 |
| W 4 | 14 45 53 | 13 ⁰ 5'28 | 29 ⁰ 2 | 5 ¹ 12 | 28 ¹ 13 | 27 ³ 38 | 22 ³ 36 | 14 ² 20 | 26 ⁵ 54 | 19 ¹ 11 | 20 ⁵ 58 | 23 ³ 39 | 24 ² 25 | 28 ⁰ 0 | 26 ⁵ 57 | W 4 |
| T 5 | 14 49 49 | 14 ⁰ 3'33 | 10 ⁸ 53 | 7 ¹ 16 | 29 ² 27 | 28 ² 20 | 22 ³ 37 | 14 ¹ 19 | 26 ⁵ 56 | 19 ¹ 12 | 20 ⁵ 59 | 23 ³ 36 | 24 ² 22 | 28 ⁰ 7 | 27 ⁰ 1 | T 5 |
| F 6 | 14 53 46 | 15 ⁰ 1'36 | 22 ² 52 | 9 ² 21 | 0 ¹¹ 40 | 29 ² 2 | 22 ³ 38 | 14 ¹ 18 | 26 ⁵ 59 | 19 ¹ 12 | 21 ⁰ 0 | 23 ³ 30 | 24 ¹ 19 | 28 ¹ 13 | 27 ⁰ 4 | F 6 |
| S 7 | 14 57 42 | 15 ⁰ 59'38 | 5 ⁹ 1 | 11 ¹ 28 | 1 ⁵ 54 | 29 ² 44 | 22 ³ 39 | 14 ¹ 17 | 27 ⁰ 1 | 19 ¹ 13 | 21 ⁰ 2 | 23 ² 22 | 24 ¹ 16 | 28 ² 20 | 27 ⁰ 8 | S 7 |
| S 8 | 15 1 39 | 16 ⁰ 57'39 | 17 ² 5 | 13 ³ 36 | 3 ⁰ 8 | 0 ¹¹ 26 | 22 ³ 39 | 14 ¹ 16 | 27 ⁰ 4 | 19 ¹ 13 | 21 ⁰ 3 | 23 ² 12 | 24 ¹ 13 | 28 ² 27 | 27 ¹ 12 | S 8 |
| M 9 | 15 5 35 | 17 ⁰ 55'38 | 0 ⁸ 5 | 15 ⁴ 5 | 4 ² 1 | 1 ⁰ 8 | 22 ⁴ 0 | 14 ¹ 14 | 27 ⁰ 6 | 19 ¹ 14 | 21 ⁰ 4 | 23 ² 1 | 24 ⁰ 9 | 28 ³ 33 | 27 ¹ 20 | M 9 |
| T 10 | 15 9 32 | 18 ⁰ 53'35 | 13 ⁰ 0 | 17 ⁵ 55 | 5 ³ 35 | 1 ⁵ 50 | 22 ⁴ 0 | 14 ¹ 13 | 27 ⁰ 9 | 19 ¹ 14 | 21 ⁰ 5 | 22 ⁴ 9 | 24 ⁰ 6 | 28 ⁴ 40 | 27 ² 26 | T 10 |
| W 11 | 15 13 28 | 19 ⁰ 51'32 | 26 ¹ 11 | 20 ⁰ 5 | 6 ⁴ 48 | 2 ³ 32 | 22 ⁴ 0 | 14 ¹ 11 | 27 ⁰ 11 | 19 ¹ 14 | 21 ⁰ 7 | 22 ⁴ 9 | 24 ⁰ 3 | 28 ⁴ 47 | 27 ² 24 | W 11 |
| T 12 | 15 17 25 | 20 ⁰ 49'26 | 9 ¹¹ 36 | 22 ¹ 16 | 8 ⁰ 2 | 3 ¹ 14 | 22 ⁴ 0 | 14 ¹ 10 | 27 ⁰ 13 | 19 ¹ 15 | 21 ⁰ 8 | 22 ⁴ 1 | 24 ⁰ 0 | 28 ⁵ 53 | 27 ² 28 | T 12 |
| F 13 | 15 21 22 | 21 ⁰ 47'19 | 23 ¹ 13 | 24 ² 27 | 9 ¹ 15 | 3 ⁵ 55 | 22 ⁴ 0 | 14 ⁰ 8 | 27 ¹ 16 | 19 ¹ 15 | 21 ⁰ 9 | 22 ⁴ 25 | 23 ⁵ 57 | 29 ⁰ 0 | 27 ³ 32 | F 13 |
| S 14 | 15 25 18 | 22 ⁰ 45'11 | 6 ⁹ 59 | 26 ³ 38 | 10 ² 29 | 4 ³ 37 | 22 ⁴ 0 | 14 ⁰ 6 | 27 ¹ 18 | 19 ¹ 15 | 21 ¹ 10 | 22 ⁴ 22 | 23 ⁵ 54 | 29 ⁰ 7 | 27 ³ 37 | S 14 |
| S 15 | 15 29 15 | 23 ⁰ 43'01 | 20 ² 53 | 28 ⁴ 49 | 11 ⁴ 42 | 5 ¹ 19 | 22 ⁴ 0 | 14 ⁰ 4 | 27 ² 20 | 19 ¹ 16 | 21 ¹ 12 | 22 ⁴ D21 | 23 ⁵ 50 | 29 ¹ 13 | 27 ⁴ 41 | S 15 |
| M 16 | 15 33 11 | 24 ⁰ 40'49 | 4 ¹² 53 | 0 ¹¹ 59 | 12 ⁵ 56 | 6 ⁰ 0 | 22 ⁴ 0 | 14 ⁰ 2 | 27 ² 22 | 19 ¹ 16 | 21 ¹ 13 | 22 ⁴ 21 | 23 ⁵ 47 | 29 ² 20 | 27 ⁴ 45 | M 16 |
| T 17 | 15 37 8 | 25 ⁰ 38'35 | 18 ⁰ 58 | 3 ⁰ 7 | 14 ⁰ 9 | 6 ⁴ 42 | 22 ⁴ 0 | 14 ⁰ 0 | 27 ² 25 | 19 ¹ 16 | 21 ¹ 14 | 22 ⁴ R22 | 23 ⁵ 44 | 29 ² 27 | 27 ⁵ 50 | T 17 |
| W 18 | 15 41 4 | 26 ⁰ 36'20 | 3 ¹¹ 7 | 5 ¹ 15 | 15 ² 22 | 7 ² 24 | 22 ⁴ 5 | 13 ⁵ 58 | 27 ² 27 | 19 ¹ 16 | 21 ¹ 15 | 22 ⁴ 22 | 23 ⁵ 41 | 29 ³ 33 | 27 ⁵ 55 | W 18 |
| T 19 | 15 45 1 | 27 ⁰ 34'03 | 17 ¹ 18 | 7 ² 21 | 16 ³ 36 | 8 ⁰ 5 | 22 ⁴ 5 | 13 ⁵ 56 | 27 ² 29 | 19 ¹ 16 | 21 ¹ 16 | 22 ⁴ 20 | 23 ⁵ 38 | 29 ⁴ 40 | 27 ⁵ 59 | T 19 |
| F 20 | 15 48 57 | 28 ⁰ 31'44 | 1 ¹² 31 | 9 ² 26 | 17 ⁴ 49 | 8 ⁰ 47 | 22 ⁴ 5 | 13 ⁵ 53 | 27 ³ 31 | 19 ¹ 16 | 21 ¹ 18 | 22 ⁴ 16 | 23 ⁵ 35 | 29 ⁴ 47 | 28 ⁰ 4 | F 20 |
| S 21 | 15 52 54 | 29 ⁰ 29'24 | 15 ⁴ 41 | 11 ¹ 28 | 19 ⁰ 2 | 9 ² 28 | 22 ⁴ 5 | 13 ⁵ 51 | 27 ³ 33 | 19 ¹ 16 | 21 ¹ 19 | 22 ⁴ 11 | 23 ⁵ 31 | 29 ⁵ 53 | 28 ⁰ 9 | S 21 |
| S 22 | 15 56 51 | 0 ¹¹ 27'02 | 29 ² 45 | 13 ² 28 | 20 ¹ 15 | 10 ⁰ 9 | 22 ⁴ 8 | 13 ⁴ 48 | 27 ³ 35 | 19 ¹ R16 | 21 ² 0 | 22 ⁴ 3 | 23 ⁵ 28 | 29 ⁵ 59 | 28 ¹ 14 | S 22 |
| M 23 | 16 0 47 | 1 ²⁴ 39 | 13 ¹¹ 40 | 15 ² 26 | 21 ² 29 | 10 ⁵ 1 | 22 ⁴ 6 | 13 ⁴ 46 | 27 ³ 37 | 19 ¹ 16 | 21 ² 1 | 21 ⁵ 55 | 23 ⁵ 25 | 0 ¹¹ 7 | 28 ¹ 19 | M 23 |
| T 24 | 16 4 44 | 2 ²² 14 | 17 ² 20 | 17 ² 22 | 22 ⁴ 42 | 11 ³ 32 | 22 ⁴ 24 | 13 ⁴ 43 | 27 ³ 39 | 19 ¹ 16 | 21 ² 2 | 21 ⁴ 47 | 23 ⁵ 22 | 0 ¹³ | 28 ² 24 | T 24 |
| W 25 | 16 8 40 | 3 ¹⁹ 49 | 10 ¹² 43 | 19 ¹ 15 | 23 ⁵ 55 | 12 ¹ 13 | 22 ⁴ 21 | 13 ⁴ 40 | 27 ⁴ 41 | 19 ¹ 16 | 21 ² 3 | 21 ⁴ 40 | 23 ⁵ 19 | 0 ² 20 | 28 ² 29 | W 25 |
| T 26 | 16 12 37 | 4 ¹⁷ 22 | 23 ⁴ 48 | 21 ⁰ 5 | 25 ⁰ 8 | 12 ⁵ 54 | 22 ⁴ 18 | 13 ³ 37 | 27 ⁴ 42 | 19 ¹ 16 | 21 ² 4 | 21 ³ 35 | 23 ⁵ 15 | 0 ² 27 | 28 ³ 34 | T 26 |
| F 27 | 16 16 33 | 5 ¹⁴ 54 | 6 ²³ 33 | 22 ⁵ 53 | 26 ² 21 | 13 ³ 35 | 22 ⁴ 15 | 13 ³ 34 | 27 ⁴ 44 | 19 ¹ 16 | 21 ² 5 | 21 ³ 32 | 23 ⁵ 12 | 0 ³ 33 | 28 ³ 39 | F 27 |
| S 28 | 16 20 30 | 6 ¹² 26 | 19 ⁰ 0 | 24 ³ 38 | 27 ³ 34 | 14 ¹ 17 | 22 ⁴ 12 | 13 ³ 31 | 27 ⁴ 46 | 19 ¹ 16 | 21 ² 7 | 21 ³ D30 | 23 ⁵ 9 | 0 ⁴ 40 | 28 ⁴ 45 | S 28 |
| S 29 | 16 24 26 | 7 ⁰ 9'56 | 1 ¹² 12 | 26 ² 20 | 28 ⁴ 47 | 14 ⁵ 58 | 22 ⁴ 9 | 13 ² 28 | 27 ⁴ 48 | 19 ¹ 16 | 21 ² 8 | 21 ³ 31 | 23 ⁵ 6 | 0 ⁴ 47 | 28 ⁵ 50 | S 29 |
| M 30 | 16 28 23 | 8 ⁰ 7'25 | 13 ¹ 12 | 28 ⁰ 0 | 0 ¹² 0 | 15 ³ 39 | 22 ⁴ 5 | 13 ² 25 | 27 ⁴ 49 | 19 ¹ 16 | 21 ² 9 | 21 ³ 32 | 23 ⁵ 3 | 0 ⁵ 53 | 28 ⁵ 55 | M 30 |
| T 31 | 16 32 20 | 9 ¹¹ 4'54 | 25 ⁹ 5 | 29 ¹¹ 36 | 1 ¹² 13 | 16 ¹¹ 20 | 22 ⁵ 2 | 13 ² 22 | 27 ⁵ 51 | 19 ¹ 15 | 21 ² 9 | 21 ³ 34 | 23 ⁵ 0 | 1 ¹¹ 0 | 29 ⁶ 1 | T 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 | decl | lat | decl | lat |
| S 1 | 14n53 | 21s28 | 0s 2 | 9n47 | 1s29 | 18n55 | 0s 1 | 19n29 | 0n20 | 21s39 | 0s 4 | 22s 6 | 0n36 | 1s58 | 0s44 | 15s18 | 0s13 | 7s26 | 16s48 | 21s23 | 21s14 | 9s39 | 14n 5 | 6s52 | | | | | | | | | |
| M 2 | 15 11 | 17 57 | 1n 2 | 10 37 | 1 21 | 19 15 | 0n 2 | 19 40 | 0 21 | 21 39 | 0 5 | 22 6 | 0 36 | 1 57 | 0 44 | 15 18 | 0 13 | 7 26 | 16 49 | 21 23 | 21 14 | 9 36 | 14 5 | 6 51 | | | | | | | | | |
| T 3 | 15 29 | 13 45 | 2 2 | 11 27 | 1 12 | 19 34 | 0 4 | 19 50 | 0 21 | 21 39 | 0 5 | 22 6 | 0 36 | 1 56 | 0 44 | 15 18 | 0 13 | 7 25 | 16 49 | 21 23 | 21 15 | 9 33 | 14 5 | 6 50 | | | | | | | | | |
| W 4 | 15 47 | 9 4 | 2 56 | 12 16 | 1 3 | 19 54 | 0 7 | 20 0 | 0 22 | 21 39 | 0 5 | 22 6 | 0 36 | 1 54 | 0 44 | 15 18 | 0 13 | 7 25 | 16 49 | 21 23 | 21 15 | 9 30 | 14 5 | 6 50 | | | | | | | | | |
| T 5 | 16 4 | 4 3 | 3 43 | 13 6 | 0 54 | 20 12 | 0 9 | 20 10 | 0 23 | 21 39 | 0 5 | 22 6 | 0 36 | 1 53 | 0 44 | 15 18 | 0 13 | 7 24 | 16 49 | 21 24 | 21 16 | 9 27 | 14 5 | 6 49 | | | | | | | | | |
| F 6 | 16 22 | 1n10 | 4 21 | 13 56 | 0 44 | 20 30 | 0 12 | 20 20 | 0 23 | 21 39 | 0 5 | 22 6 | 0 36 | 1 52 | 0 44 | 15 17 | 0 13 | 7 24 | 16 49 | 21 25 | 21 16 | 9 24 | 14 5 | 6 48 | | | | | | | | | |
| S 7 | 16 38 | 6 24 | 4 48 | 14 45 | 0 34 | 20 48 | 0 14 | 20 30 | 0 24 | 21 39 | 0 5 | 22 6 | 0 36 | 1 51 | 0 44 | 15 17 | 0 13 | 7 24 | 16 49 | 21 26 | 21 17 | 9 21 | 14 5 | 6 48 | | | | | | | | | |
| S 8 | 16 55 | 11 29 | 5 1 | 15 33 | 0 24 | 21 5 | 0 17 | 20 39 | 0 24 | 21 39 | 0 5 | 22 7 | 0 35 | 1 51 | 0 44 | 15 17 | 0 14 | 7 23 | 16 49 | 21 28 | 21 17 | 9 18 | 14 5 | 6 47 | | | | | | | | | |
| M 9 | 17 11 | 16 11 | 5 1 | 16 21 | 0 13 | 21 21 | 0 19 | 20 49 | 0 25 | 21 39 | 0 6 | 22 7 | 0 35 | 1 50 | 0 44 | 15 17 | 0 14 | 7 23 | 16 49 | 21 30 | 21 18 | 9 15 | 14 5 | 6 46 | | | | | | | | | |
| T 10 | 17 27 | 20 16 | 4 45 | 17 8 | 0 3 | 21 37 | 0 22 | 20 58 | 0 25 | 21 39 | 0 6 | 22 7 | 0 35 | 1 49 | 0 44 | 15 17 | 0 14 | 7 23 | 16 50 | 21 32 | 21 19 | 9 12 | 14 5 | 6 46 | | | | | | | | | |
| W 11 | 17 43 | 23 25 | 4 13 | 17 54 | 0n 8 | 21 52 | 0 24 | 21 7 | 0 26 | 21 39 | 0 6 | 22 7 | 0 35 | 1 48 | 0 44 | 15 17 | 0 14 | 7 22 | 16 50 | 21 33 | 21 19 | 9 9 | 14 4 | 6 45 | | | | | | | | | |
| T 12 | 17 59 | 25 20 | 3 27 | 18 39 | 0 18 | 22 7 | 0 27 | 21 15 | 0 27 | 21 39 | 0 6 | 22 7 | 0 35 | 1 47 | 0 44 | 15 17 | 0 14 | 7 22 | 16 50 | 21 35 | 21 20 | 9 6 | 14 4 | 6 44 | | | | | | | | | |
| F 13 | 18 14 | 25 46 | 2 29 | 19 22 | 0 29 | 22 21 | 0 29 | 21 24 | 0 27 | 21 39 | 0 6 | 22 7 | 0 35 | 1 46 | 0 44 | 15 17 | 0 14 | 7 22 | 16 50 | 21 36 | 21 20 | 9 3 | 14 4 | 6 44 | | | | | | | | | |
| S 14 | 18 29 | 24 38 | 1 21 | 20 3 | 0 39 | 22 34 | 0 32 | 21 32 | 0 28 | 21 40 | 0 6 | 22 8 | 0 35 | 1 45 | 0 44 | 15 17 | 0 14 | 7 22 | 16 50 | 21 36 | 21 21 | 9 0 | 14 4 | 6 43 | | | | | | | | | |
| S 15 | 18 43 | 21 58 | 0 8 | 20 42 | 0 49 | 22 47 | 0 34 | 21 40 | 0 28 | 21 40 | 0 6 | 22 8 | 0 35 | 1 44 | 0 44 | 15 17 | 0 14 | 7 21 | 16 50 | 21 36 | 21 21 | 8 57 | 14 4 | 6 43 | | | | | | | | | |
| M 16 | 18 57 | 17 59 | 1s 7 | 21 20 | 0 59 | 22 59 | 0 37 | 21 48 | 0 29 | 21 40 | 0 7 | 22 8 | 0 35 | 1 43 | 0 44 | 15 16 | 0 14 | 7 21 | 16 51 | 21 36 | 21 22 | 8 54 | 14 3 | 6 42 | | | | | | | | | |
| T 17 | 19 11 | 12 58 | 2 18 | 21 55 | 1 8 | 23 10 | 0 39 | 21 56 | 0 29 | 21 41 | 0 7 | 22 8 | 0 35 | 1 42 | 0 44 | 15 16 | 0 14 | 7 21 | 16 51 | 21 36 | 21 22 | 8 51 | 14 3 | 6 41 | | | | | | | | | |
| W 18 | 19 25 | 7 15 | 3 20 | 22 27 | 1 17 | 23 21 | 0 42 | 22 3 | 0 30 | 21 41 | 0 7 | 22 9 | 0 35 | 1 42 | 0 44 | 15 16 | 0 14 | 7 20 | 16 51 | 21 36 | 21 23 | 8 48 | 14 3 | 6 41 | | | | | | | | | |
| T 19 | 19 38 | 1 10 | 4 11 | 22 57 | 1 25 | 23 31 | 0 44 | 22 11 | 0 30 | 21 41 | 0 7 | 22 9 | 0 35 | 1 41 | 0 44 | 15 16 | 0 14 | 7 20 | 16 51 | 21 36 | 21 24 | 8 45 | 14 2 | 6 40 | | | | | | | | | |
| F 20 | 19 51 | 4s59 | 4 47 | 23 25 | 1 33 | 23 40 | 0 46 | 22 18 | 0 31 | 21 42 | 0 7 | 22 9 | 0 35 | 1 40 | 0 44 | 15 16 | 0 14 | 7 20 | 16 51 | 21 37 | 21 24 | 8 42 | 14 2 | 6 40 | | | | | | | | | |
| S 21 | 20 4 | 10 51 | 5 4 | 23 50 | 1 40 | 23 49 | 0 49 | 22 24 | 0 31 | 21 42 | 0 7 | 22 10 | 0 35 | 1 39 | 0 44 | 15 16 | 0 14 | 7 20 | 16 52 | 21 38 | 21 25 | 8 40 | 14 2 | 6 39 | | | | | | | | | |
| S 22 | 20 16 | 16 7 | 5 4 | 24 12 | 1 46 | 23 57 | 0 51 | 22 31 | 0 32 | 21 43 | 0 8 | 22 10 | 0 35 | 1 38 | 0 44 | 15 16 | 0 14 | 7 20 | 16 52 | 21 39 | 21 25 | 8 37 | 14 1 | 6 39 | | | | | | | | | |
| M 23 | 20 28 | 20 29 | 4 45 | 24 31 | 1 52 | 24 4 | 0 53 | 22 38 | 0 32 | 21 43 | 0 8 | 22 10 | 0 35 | 1 38 | 0 44 | 15 16 | 0 14 | 7 19 | 16 52 | 21 41 | 21 26 | 8 34 | 14 1 | 6 38 | | | | | | | | | |
| T 24 | 20 39 | 23 38 | 4 10 | 24 48 | 1 57 | 24 11 | 0 56 | 22 44 | 0 33 | 21 44 | 0 8 | 22 10 | 0 35 | 1 37 | 0 44 | 15 16 | 0 14 | 7 19 | 16 52 | 21 42 | 21 26 | 8 31 | 14 1 | 6 37 | | | | | | | | | |
| W 25 | 20 50 | 25 24 | 3 22 | 25 3 | 2 2 | 24 17 | 0 58 | 22 50 | 0 34 | 21 44 | 0 8 | 22 11 | 0 35 | 1 36 | 0 44 | 15 16 | 0 14 | 7 19 | 16 52 | 21 43 | 21 27 | 8 28 | 14 0 | 6 37 | | | | | | | | | |
| T 26 | 21 1 | 25 43 | 2 24 | 25 14 | 2 5 | 24 22 | 1 0 | 22 56 | 0 34 | 21 45 | 0 8 | 22 11 | 0 35 | 1 36 | 0 45 | 15 17 | 0 14 | 7 19 | 16 53 | 21 44 | 21 27 | 8 25 | 14 0 | 6 36 | | | | | | | | | |
| F 27 | 21 12 | 24 38 | 1 20 | 25 24 | 2 8 | 24 27 | 1 2 | 23 1 | 0 35 | 21 45 | 0 8 | 22 11 | 0 35 | 1 35 | 0 45 | 15 17 | 0 14 | 7 19 | 16 53 | 21 44 | 21 28 | 8 22 | 13 59 | 6 36 | | | | | | | | | |
| S 28 | 21 22 | 22 20 | 0 14 | 25 31 | 2 10 | 24 31 | 1 4 | 23 7 | 0 35 | 21 46 | 0 8 | 22 12 | 0 35 | 1 34 | 0 45 | 15 17 | 0 14 | 7 18 | 16 53 | 21 44 | 21 28 | 8 19 | 13 59 | 6 35 | | | | | | | | | |
| S 29 | 21 32 | 19 3 | 0n52 | 25 36 | 2 11 | 24 34 | 1 6 | 23 12 | 0 36 | 21 47 | 0 9 | 22 12 | 0 35 | 1 34 | 0 45 | 15 17 | 0 14 | 7 18 | 16 53 | 21 44 | 21 29 | 8 16 | 13 58 | 6 35 | | | | | | | | | |
| M 30 | 21 41 | 15 2 | 1 55 | 25 38 | 2 11 | 24 36 | 1 8 | 23 17 | 0 36 | 21 48 | 0 9 | 22 13 | 0 35 | 1 33 | 0 45 | 15 17 | 0 14 | 7 18 | 16 54 | 21 44 | 21 29 | 8 13 | 13 57 | 6 34 | | | | | | | | | |
| T 31 | 21n50 | 10s28 | 2n52 | 25n39 | 2n11 | 24n38 | 1n10 | 23n22 | 0n37 | 21s48 | 0s 9 | 22s13 | 0n35 | 1s32 | 0s45 | 15s17 | 0s14 | 7s18 | 16s54 | 21s44 | 21s30 | 8s10 | 13n57 | 6s34 | | | | | | | | | |

ASTRODIENST EPHEMERIS for the year 1842
geocentric

JUNE 1842

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | ♈ | ♉ | Day |
|------|----------|-----------------------|---------------------|-------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|-------------------|------|
| W 1 | 16 36 16 | 10 ^{II} 2'22 | 6 [♋] 56 | 19 [♊] 9 | 2 [♋] 26 | 17 ^{II} 1 | 21°R58 | 13°R19 | 27 [♋] 52 | 19°R15 | 21 [♑] 31 | 21°R34 | 22 [♊] 56 | 1 [♈] 7 | 29 [♊] 6 | W 1 |
| T 2 | 16 40 13 | 10°59'49 | 18°49 | 2°40 | 3°39 | 17°41 | 21 [♊] 54 | 13 [♊] 16 | 27°54 | 19°15 | 21°32 | 21 [♊] 34 | 22°53 | 1°13 | 29°12 | T 2 |
| F 3 | 16 44 9 | 11°57'15 | 0 [♊] 49 | 4° 8 | 4°52 | 18°22 | 21°50 | 13°12 | 27°55 | 19°14 | 21°33 | 21°32 | 22°50 | 1°20 | 29°18 | F 3 |
| S 4 | 16 48 6 | 12°54'41 | 13° 2 | 5°32 | 6° 5 | 19° 3 | 21°46 | 13° 9 | 27°57 | 19°14 | 21°34 | 21°29 | 22°47 | 1°27 | 29°23 | S 4 |
| S 5 | 16 52 2 | 13°52'06 | 25°31 | 6°54 | 7°18 | 19°44 | 21°41 | 13° 5 | 27°58 | 19°13 | 21°35 | 21°24 | 22°44 | 1°33 | 29°29 | S 5 |
| M 6 | 16 55 59 | 14°49'30 | 8 [♊] 18 | 8°12 | 8°31 | 20°25 | 21°36 | 13° 2 | 28° 0 | 19°13 | 21°35 | 21°18 | 22°41 | 1°40 | 29°35 | M 6 |
| T 7 | 16 59 55 | 15°46'54 | 21°26 | 9°27 | 9°44 | 21° 5 | 21°32 | 12°58 | 28° 1 | 19°13 | 21°36 | 21°12 | 22°37 | 1°47 | 29°41 | T 7 |
| W 8 | 17 3 52 | 16°44'17 | 4 ^{II} 53 | 10°40 | 10°56 | 21°46 | 21°27 | 12°54 | 28° 2 | 19°12 | 21°37 | 21° 7 | 22°34 | 1°53 | 29°47 | W 8 |
| T 9 | 17 7 49 | 17°41'39 | 18°39 | 11°48 | 12° 9 | 22°27 | 21°22 | 12°51 | 28° 3 | 19°12 | 21°38 | 21° 3 | 22°31 | 2° 0 | 29°53 | T 9 |
| F 10 | 17 11 45 | 18°39'01 | 2 [♊] 39 | 12°54 | 13°22 | 23° 7 | 21°16 | 12°47 | 28° 4 | 19°11 | 21°39 | 21° 0 | 22°28 | 2° 7 | 29°59 | F 10 |
| S 11 | 17 15 42 | 19°36'22 | 16°51 | 13°56 | 14°35 | 23°48 | 21°11 | 12°43 | 28° 6 | 19°10 | 21°40 | 20°D59 | 22°25 | 2°13 | 0 [♊] 5 | S 11 |
| S 12 | 17 19 38 | 20°33'42 | 1 [♊] 10 | 14°55 | 15°47 | 24°28 | 21° 6 | 12°39 | 28° 7 | 19°10 | 21°41 | 20°59 | 22°21 | 2°20 | 0°11 | S 12 |
| M13 | 17 23 35 | 21°31'02 | 15°31 | 15°50 | 17° 0 | 25° 9 | 21° 0 | 12°35 | 28° 8 | 19° 9 | 21°42 | 21° 0 | 22°18 | 2°27 | 0°18 | M13 |
| T 14 | 17 27 31 | 22°28'20 | 29°51 | 16°42 | 18°13 | 25°49 | 20°54 | 12°31 | 28° 9 | 19° 8 | 21°42 | 21° 2 | 22°15 | 2°33 | 0°24 | T 14 |
| W15 | 17 31 28 | 23°25'37 | 14 ^{III} 8 | 17°30 | 19°25 | 26°30 | 20°48 | 12°27 | 28°10 | 19° 8 | 21°43 | 21° 3 | 22°12 | 2°40 | 0°30 | W15 |
| T 16 | 17 35 25 | 24°22'54 | 28°18 | 18°14 | 20°38 | 27°10 | 20°42 | 12°23 | 28°10 | 19° 7 | 21°44 | 21°R 3 | 22° 9 | 2°47 | 0°37 | T 16 |
| F 17 | 17 39 21 | 25°20'09 | 12 [♊] 19 | 18°54 | 21°50 | 27°50 | 20°36 | 12°19 | 28°11 | 19° 6 | 21°45 | 21° 2 | 22° 6 | 2°54 | 0°43 | F 17 |
| S 18 | 17 43 18 | 26°17'24 | 26°11 | 19°31 | 23° 3 | 28°30 | 20°30 | 12°15 | 28°12 | 19° 5 | 21°45 | 21° 0 | 22° 2 | 3° 0 | 0°49 | S 18 |
| S 19 | 17 47 14 | 27°14'38 | 9 ^{III} 52 | 20° 3 | 24°15 | 29°11 | 20°23 | 12°11 | 28°13 | 19° 4 | 21°46 | 20°57 | 21°59 | 3° 7 | 0°56 | S 19 |
| M20 | 17 51 11 | 28°11'52 | 23°20 | 20°31 | 25°28 | 29°51 | 20°17 | 12° 6 | 28°13 | 19° 4 | 21°47 | 20°54 | 21°56 | 3°14 | 1° 2 | M20 |
| T 21 | 17 55 7 | 29° 9'05 | 6 [♊] 35 | 20°54 | 26°40 | 0 [♊] 31 | 20°10 | 12° 2 | 28°14 | 19° 3 | 21°47 | 20°51 | 21°53 | 3°20 | 1° 9 | T 21 |
| W22 | 17 59 4 | 0 [♊] 6'17 | 19°35 | 21°13 | 27°53 | 1°11 | 20° 3 | 11°58 | 28°15 | 19° 2 | 21°48 | 20°48 | 21°50 | 3°27 | 1°16 | W22 |
| T 23 | 18 3 0 | 1° 3'29 | 2 [♊] 21 | 21°28 | 29° 5 | 1°51 | 19°56 | 11°54 | 28°15 | 19° 1 | 21°49 | 20°46 | 21°47 | 3°34 | 1°22 | T 23 |
| F 24 | 18 6 57 | 2° 0'41 | 14°52 | 21°38 | 0 [♊] 17 | 2°31 | 19°50 | 11°49 | 28°16 | 19° 0 | 21°49 | 20°D45 | 21°43 | 3°40 | 1°29 | F 24 |
| S 25 | 18 10 54 | 2°57'53 | 27°10 | 21°43 | 1°29 | 3°11 | 19°43 | 11°45 | 28°16 | 18°59 | 21°50 | 20°45 | 21°40 | 3°47 | 1°36 | S 25 |
| S 26 | 18 14 50 | 3°55'04 | 9 [♊] 16 | 21°R44 | 2°42 | 3°51 | 19°35 | 11°41 | 28°17 | 18°58 | 21°50 | 20°46 | 21°37 | 3°54 | 1°43 | S 26 |
| M27 | 18 18 47 | 4°52'16 | 21°14 | 21°40 | 3°54 | 4°31 | 19°28 | 11°36 | 28°17 | 18°57 | 21°51 | 20°47 | 21°34 | 4° 0 | 1°49 | M27 |
| T 28 | 18 22 43 | 5°49'27 | 3 [♈] 6 | 21°32 | 5° 6 | 5°11 | 19°21 | 11°32 | 28°17 | 18°56 | 21°51 | 20°49 | 21°31 | 4° 7 | 1°56 | T 28 |
| W29 | 18 26 40 | 6°46'39 | 14°56 | 21°19 | 6°18 | 5°51 | 19°14 | 11°28 | 28°17 | 18°55 | 21°52 | 20°50 | 21°27 | 4°14 | 2° 3 | W29 |
| T 30 | 18 30 36 | 7 [♊] 43'50 | 26 [♈] 50 | 21 [♊] 2 | 7 [♊] 30 | 6 [♊] 31 | 19 [♊] 6 | 11 [♊] 23 | 28 [♈] 18 | 18 [♊] 54 | 21 [♑] 52 | 20 [♊] 51 | 21 [♊] 24 | 4 [♈] 20 | 2 [♊] 10 | T 30 |

| Day | ☉ | ☽ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | ♈ | ♉ | 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 | |
| W 1 | 21n59 | 5s33 3n41 | 25n37 2n10 | 24n39 1n12 | 23n26 0n37 | 21s49 0s 9 | 22s13 0n35 | 1s32 0s45 | 15s17 0s14 | 7s18 16s54 | 21s44 21s30 | 8s 7 13n56 | 6s33 | | |
| T 2 | 22 7 0 25 | 4 22 25 34 | 2 8 24 39 | 1 14 23 31 | 0 37 21 50 | 0 9 22 14 | 0 35 1 31 | 0 45 15 17 | 0 14 7 18 | 16 54 21 44 | 21 31 8 4 | 13 56 6 33 | | | |
| F 3 | 22 15 4n46 | 4 51 25 29 | 2 5 24 38 | 1 16 23 35 | 0 38 21 51 | 0 9 22 14 | 0 34 1 31 | 0 45 15 17 | 0 14 7 18 | 16 55 21 44 | 21 32 8 1 | 13 55 6 32 | | | |
| S 4 | 22 22 9 52 | 5 7 25 22 | 2 1 24 37 | 1 18 23 39 | 0 38 21 51 | 0 10 22 14 | 0 34 1 30 | 0 45 15 17 | 0 14 7 18 | 16 55 21 45 | 21 32 7 58 | 13 54 6 32 | | | |
| S 5 | 22 29 14 41 | 5 10 25 14 | 1 57 24 35 | 1 20 23 43 | 0 39 21 52 | 0 10 22 15 | 0 34 1 30 | 0 45 15 18 | 0 14 7 18 | 16 55 21 45 | 21 33 7 55 | 13 54 6 31 | | | |
| M 6 | 22 36 18 58 | 4 57 25 4 | 1 52 24 33 | 1 22 23 46 | 0 39 21 53 | 0 10 22 15 | 0 34 1 29 | 0 45 15 18 | 0 14 7 17 | 16 55 21 46 | 21 33 7 52 | 13 53 6 31 | | | |
| T 7 | 22 42 22 27 | 4 29 24 53 | 1 46 24 29 | 1 23 23 49 | 0 40 21 54 | 0 10 22 16 | 0 34 1 29 | 0 45 15 18 | 0 14 7 17 | 16 56 21 47 | 21 34 7 49 | 13 52 6 30 | | | |
| W 8 | 22 48 24 49 | 3 45 24 41 | 1 40 24 25 | 1 25 23 53 | 0 40 21 55 | 0 10 22 16 | 0 34 1 28 | 0 45 15 18 | 0 14 7 17 | 16 56 21 48 | 21 34 7 46 | 13 51 6 30 | | | |
| T 9 | 22 53 25 45 | 2 47 24 28 | 1 32 24 20 | 1 26 23 55 | 0 41 21 56 | 0 10 22 16 | 0 34 1 28 | 0 45 15 18 | 0 14 7 17 | 16 56 21 49 | 21 35 7 43 | 13 51 6 30 | | | |
| F 10 | 22 59 25 5 | 1 39 24 14 | 1 24 24 15 | 1 28 23 58 | 0 41 21 57 | 0 11 22 17 | 0 34 1 27 | 0 45 15 18 | 0 14 7 17 | 16 57 21 49 | 21 35 7 40 | 13 50 6 29 | | | |
| S 11 | 23 3 22 46 | 0 23 23 59 | 1 16 24 9 | 1 29 24 1 | 0 42 21 58 | 0 11 22 17 | 0 34 1 27 | 0 45 15 19 | 0 14 7 17 | 16 57 21 49 | 21 36 7 37 | 13 49 6 29 | | | |
| S 12 | 23 7 19 1 | 0s56 23 43 | 1 6 24 2 | 1 31 24 3 | 0 42 21 59 | 0 11 22 18 | 0 34 1 26 | 0 45 15 19 | 0 14 7 17 | 16 57 21 49 | 21 36 7 34 | 13 48 6 28 | | | |
| M13 | 23 11 14 7 | 2 10 23 27 | 0 56 23 54 | 1 32 24 5 | 0 43 22 0 | 0 11 22 18 | 0 34 1 26 | 0 45 15 19 | 0 14 7 17 | 16 57 21 49 | 21 37 7 31 | 13 47 6 28 | | | |
| T 14 | 23 15 8 27 | 3 17 23 10 | 0 45 23 46 | 1 33 24 7 | 0 43 22 1 | 0 11 22 19 | 0 34 1 26 | 0 45 15 19 | 0 14 7 17 | 16 58 21 49 | 21 37 7 28 | 13 46 6 27 | | | |
| W15 | 23 18 2 23 | 4 11 22 52 | 0 34 23 37 | 1 34 24 8 | 0 44 22 2 | 0 11 22 19 | 0 34 1 25 | 0 45 15 20 | 0 14 7 17 | 16 58 21 49 | 21 38 7 25 | 13 45 6 27 | | | |
| T 16 | 23 20 3s45 | 4 50 22 34 | 0 22 23 27 | 1 36 24 10 | 0 44 22 3 | 0 11 22 19 | 0 34 1 25 | 0 45 15 20 | 0 14 7 17 | 16 58 21 49 | 21 38 7 22 | 13 44 6 27 | | | |
| F 17 | 23 23 9 38 | 5 10 22 16 | 0 9 23 17 | 1 37 24 11 | 0 44 22 4 | 0 12 22 20 | 0 34 1 25 | 0 45 15 20 | 0 14 7 17 | 16 59 21 49 | 21 39 7 19 | 13 43 6 26 | | | |
| S 18 | 23 25 14 58 | 5 13 21 58 | 0s 4 23 6 | 1 38 24 12 | 0 45 22 5 | 0 12 22 20 | 0 34 1 25 | 0 45 15 20 | 0 14 7 17 | 16 59 21 49 | 21 39 7 16 | 13 42 6 26 | | | |
| S 19 | 23 26 19 29 | 4 57 21 40 | 0 18 22 54 | 1 39 24 13 | 0 45 22 7 | 0 12 22 21 | 0 33 1 24 | 0 45 15 21 | 0 14 7 17 | 16 59 21 50 | 21 40 7 13 | 13 41 6 26 | | | |
| M20 | 23 27 22 54 | 4 25 21 22 | 0 32 22 42 | 1 40 24 13 | 0 46 22 8 | 0 12 22 21 | 0 33 1 24 | 0 45 15 21 | 0 14 7 17 | 17 0 21 50 | 21 40 7 10 | 13 40 6 25 | | | |
| T 21 | 23 27 25 2 | 3 40 21 3 | 0 47 22 29 | 1 40 24 14 | 0 46 22 9 | 0 12 22 22 | 0 33 1 24 | 0 45 15 21 | 0 14 7 17 | 17 0 21 51 | 21 41 7 6 | 13 39 6 25 | | | |
| W22 | 23 28 25 46 | 2 43 20 46 | 1 2 22 15 | 1 41 24 14 | 0 47 22 10 | 0 12 22 22 | 0 33 1 24 | 0 45 15 21 | 0 14 7 17 | 17 0 21 51 | 21 41 7 3 | 13 38 6 24 | | | |
| T 23 | 23 27 25 6 | 1 40 20 28 | 1 18 22 1 | 1 42 24 14 | 0 47 22 11 | 0 13 22 23 | 0 33 1 23 | 0 45 15 22 | 0 14 7 17 | 17 1 21 51 | 21 42 7 0 | 13 37 6 24 | | | |
| F 24 | 23 27 23 10 | 0 32 20 11 | 1 34 21 46 | 1 42 24 14 | 0 47 22 12 | 0 13 22 23 | 0 33 1 23 | 0 46 15 22 | 0 14 7 18 | 17 1 21 51 | 21 42 6 57 | 13 36 6 24 | | | |
| S 25 | 23 26 20 10 | 0n35 19 54 | 1 49 21 31 | 1 43 24 13 | 0 48 22 13 | 0 13 22 23 | 0 33 1 23 | 0 46 15 22 | 0 14 7 18 | 17 1 21 51 | 21 43 6 54 | 13 35 6 24 | | | |
| S 26 | 23 24 16 20 | 1 41 19 38 | 2 5 21 15 | 1 43 24 12 | 0 48 22 15 | 0 13 22 24 | 0 33 1 23 | 0 46 15 23 | 0 14 7 18 | 17 2 21 51 | 21 43 6 51 | 13 34 6 23 | | | |
| M27 | 23 22 11 54 | 2 41 19 23 | 2 21 20 58 | 1 44 24 12 | 0 49 22 16 | 0 13 22 24 | 0 33 1 23 | 0 46 15 23 | 0 14 7 18 | 17 2 21 51 | 21 44 6 48 | 13 33 6 23 | | | |
| T 28 | 23 20 7 4 | 3 33 19 9 | 2 37 20 41 | 1 44 24 11 | 0 49 22 17 | 0 13 22 25 | 0 33 1 23 | 0 46 15 23 | 0 14 7 18 | 17 2 21 51 | 21 44 6 45 | 13 32 6 23 | | | |
| W29 | 23 17 1 59 | 4 17 18 55 | 2 53 20 24 | 1 44 24 9 | 0 49 22 18 | 0 14 22 25 | 0 33 1 23 | 0 46 15 24 | 0 14 7 18 | 17 3 21 51 | 21 45 6 42 | 13 30 6 22 | | | |
| T 30 | 23n14 3n10 | 4n49 18n43 | 3s 8 20n 5 | 1n44 24n 8 | 0n50 22s19 | 0s14 22s26 | 0n33 1s23 | 0s46 15s24 | 0s14 7s18 | 17s 3 21s51 | 21s45 6s39 | 13n29 6s22 | | | |

Julian Day Number = 2393987.5, Delta T = 7.66 sec
Ecliptic obliquity = 23°27'39, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°32'23, Lahiri = 21°39'24

ASTRODIENST EPHEMERIS for the year 1842
geocentric

JULY 1842

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | ♈ | ♉ | Day |
|------|----------|----------|-------|--------|-------|-------|--------|--------|--------|--------|--------|--------|-------|------|------|------|
| F 1 | 18 34 33 | 8♌41'02 | 8♋50 | 20°R41 | 8♌42 | 7♌11 | 18°R59 | 11°R19 | 28♋18 | 18°R53 | 21♋53 | 20°R51 | 21♌21 | 4♋27 | 2♌17 | F 1 |
| S 2 | 18 38 29 | 9°38'14 | 21° 3 | 20♌16 | 9°54 | 7°50 | 18♌51 | 11♌14 | 28°18 | 18♌51 | 21°53 | 20♌51 | 21°18 | 4°34 | 2°24 | S 2 |
| S 3 | 18 42 26 | 10°35'26 | 3♌31 | 19°48 | 11° 6 | 8°30 | 18°44 | 11°10 | 28°18 | 18°50 | 21°54 | 20°50 | 21°15 | 4°40 | 2°31 | S 3 |
| M 4 | 18 46 23 | 11°32'38 | 16°20 | 19°17 | 12°18 | 9°10 | 18°36 | 11° 6 | 28°R18 | 18°49 | 21°54 | 20°49 | 21°12 | 4°47 | 2°38 | M 4 |
| T 5 | 18 50 19 | 12°29'51 | 29°31 | 18°43 | 13°30 | 9°49 | 18°29 | 11° 1 | 28°18 | 18°48 | 21°55 | 20°48 | 21° 8 | 4°54 | 2°45 | T 5 |
| W 6 | 18 54 16 | 13°27'04 | 13♌ 7 | 18° 8 | 14°42 | 10°29 | 18°21 | 10°57 | 28°18 | 18°47 | 21°55 | 20°47 | 21° 5 | 5° 0 | 2°52 | W 6 |
| T 7 | 18 58 12 | 14°24'18 | 27° 5 | 17°30 | 15°54 | 11° 9 | 18°13 | 10°52 | 28°18 | 18°45 | 21°55 | 20°46 | 21° 2 | 5° 7 | 2°59 | T 7 |
| F 8 | 19 2 9 | 15°21'31 | 11♌24 | 16°52 | 17° 5 | 11°48 | 18° 6 | 10°48 | 28°18 | 18°44 | 21°56 | 20°46 | 20°59 | 5°14 | 3° 6 | F 8 |
| S 9 | 19 6 5 | 16°18'45 | 25°58 | 16°14 | 18°17 | 12°28 | 17°58 | 10°44 | 28°17 | 18°43 | 21°56 | 20°D46 | 20°56 | 5°21 | 3°13 | S 9 |
| S 10 | 19 10 2 | 17°15'59 | 10♌42 | 15°36 | 19°29 | 13° 7 | 17°50 | 10°39 | 28°17 | 18°41 | 21°56 | 20°46 | 20°53 | 5°27 | 3°21 | S 10 |
| M 11 | 19 13 58 | 18°13'13 | 25°29 | 15° 0 | 20°40 | 13°47 | 17°42 | 10°35 | 28°17 | 18°40 | 21°56 | 20°46 | 20°49 | 5°34 | 3°28 | M 11 |
| T 12 | 19 17 55 | 19°10'27 | 10♌11 | 14°25 | 21°52 | 14°26 | 17°35 | 10°30 | 28°16 | 18°39 | 21°57 | 20°47 | 20°46 | 5°41 | 3°35 | T 12 |
| W 13 | 19 21 52 | 20° 7'41 | 24°44 | 13°52 | 23° 4 | 15° 6 | 17°27 | 10°26 | 28°16 | 18°37 | 21°57 | 20°47 | 20°43 | 5°47 | 3°42 | W 13 |
| T 14 | 19 25 48 | 21° 4'55 | 9♌ 2 | 13°22 | 24°15 | 15°45 | 17°19 | 10°22 | 28°15 | 18°36 | 21°57 | 20°R47 | 20°40 | 5°54 | 3°50 | T 14 |
| F 15 | 19 29 45 | 22° 2'10 | 23° 4 | 12°56 | 25°27 | 16°25 | 17°12 | 10°18 | 28°15 | 18°35 | 21°57 | 20°D47 | 20°37 | 6° 1 | 3°57 | F 15 |
| S 16 | 19 33 41 | 22°59'24 | 6♌47 | 12°34 | 26°38 | 17° 4 | 17° 4 | 10°13 | 28°14 | 18°33 | 21°57 | 20°47 | 20°33 | 6° 7 | 4° 4 | S 16 |
| S 17 | 19 37 38 | 23°56'39 | 20°13 | 12°17 | 27°49 | 17°43 | 16°56 | 10° 9 | 28°14 | 18°32 | 21°58 | 20°47 | 20°30 | 6°14 | 4°12 | S 17 |
| M 18 | 19 41 34 | 24°53'53 | 3♌22 | 12° 4 | 29° 1 | 18°22 | 16°49 | 10° 5 | 28°13 | 18°30 | 21°58 | 20°47 | 20°27 | 6°21 | 4°19 | M 18 |
| T 19 | 19 45 31 | 25°51'08 | 16°15 | 11°56 | 0♌12 | 19° 2 | 16°41 | 10° 1 | 28°12 | 18°29 | 21°58 | 20°48 | 20°24 | 6°27 | 4°26 | T 19 |
| W 20 | 19 49 27 | 26°48'24 | 28°54 | 11°D54 | 1°23 | 19°41 | 16°34 | 9°57 | 28°12 | 18°27 | 21°58 | 20°48 | 20°21 | 6°34 | 4°34 | W 20 |
| T 21 | 19 53 24 | 27°45'40 | 11♌21 | 11°58 | 2°34 | 20°20 | 16°26 | 9°52 | 28°11 | 18°26 | 21°58 | 20°49 | 20°18 | 6°41 | 4°41 | T 21 |
| F 22 | 19 57 21 | 28°42'56 | 23°36 | 12° 7 | 3°45 | 20°59 | 16°19 | 9°48 | 28°10 | 18°24 | 21°58 | 20°R49 | 20°14 | 6°47 | 4°48 | F 22 |
| S 23 | 20 1 17 | 29°40'13 | 5♌43 | 12°22 | 4°56 | 21°38 | 16°11 | 9°44 | 28° 9 | 18°23 | 21°R58 | 20°48 | 20°11 | 6°54 | 4°56 | S 23 |
| S 24 | 20 5 14 | 0♌37'30 | 17°42 | 12°43 | 6° 7 | 22°17 | 16° 4 | 9°40 | 28° 8 | 18°21 | 21°58 | 20°48 | 20° 8 | 7° 1 | 5° 3 | S 24 |
| M 25 | 20 9 10 | 1°34'49 | 29°36 | 13°10 | 7°18 | 22°56 | 15°57 | 9°36 | 28° 7 | 18°20 | 21°58 | 20°46 | 20° 5 | 7° 7 | 5°11 | M 25 |
| T 26 | 20 13 7 | 2°32'08 | 11♌27 | 13°43 | 8°29 | 23°35 | 15°50 | 9°33 | 28° 6 | 18°18 | 21°58 | 20°45 | 20° 2 | 7°14 | 5°18 | T 26 |
| W 27 | 20 17 3 | 3°29'28 | 23°17 | 14°22 | 9°40 | 24°14 | 15°43 | 9°29 | 28° 5 | 18°17 | 21°58 | 20°43 | 19°59 | 7°21 | 5°25 | W 27 |
| T 28 | 20 21 0 | 4°26'49 | 5♋11 | 15° 6 | 10°50 | 24°53 | 15°36 | 9°25 | 28° 4 | 18°15 | 21°58 | 20°41 | 19°55 | 7°28 | 5°33 | T 28 |
| F 29 | 20 24 56 | 5°24'11 | 17°11 | 15°57 | 12° 1 | 25°32 | 15°29 | 9°21 | 28° 3 | 18°13 | 21°57 | 20°40 | 19°52 | 7°34 | 5°40 | F 29 |
| S 30 | 20 28 53 | 6°21'34 | 29°22 | 16°54 | 13°12 | 26°11 | 15°22 | 9°17 | 28° 2 | 18°12 | 21°57 | 20°39 | 19°49 | 7°41 | 5°48 | S 30 |
| S 31 | 20 32 50 | 7♌18'58 | 11♌48 | 17°56 | 14♌22 | 26°50 | 15°35 | 9♌14 | 28♋ 0 | 18♌10 | 21°R57 | 20°D39 | 19♌46 | 7♋48 | 5♌55 | S 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 |
| F 1 | 23n11 | 8n15 | 5n10 | 18n31 | 3s23 | 19n47 | 1n44 | 24n 6 | 0n50 | 22s21 | 0s14 | 22s26 | 0n33 | 1s23 | 0s46 | 15s25 | 0s14 | 7s18 | 17s 3 | 21s51 | 21s46 | 6s36 | 13n28 | 6s22 | | | |
| S 2 | 23 7 | 13 6 | 5 17 | 18 21 | 3 37 | 19 27 | 1 44 | 24 4 | 0 51 | 22 22 | 0 14 | 22 27 | 0 33 | 1 23 | 0 46 | 15 25 | 0 15 | 7 19 | 17 4 | 21 51 | 21 46 | 6 33 | 13 27 | 6 22 | | | |
| S 3 | 23 2 | 17 32 | 5 9 | 18 12 | 3 50 | 19 8 | 1 44 | 24 2 | 0 51 | 22 23 | 0 14 | 22 27 | 0 32 | 1 23 | 0 46 | 15 25 | 0 15 | 7 19 | 17 4 | 21 51 | 21 47 | 6 30 | 13 25 | 6 21 | | | |
| M 4 | 22 58 | 21 18 | 4 46 | 18 4 | 4 3 | 18 47 | 1 44 | 24 0 | 0 51 | 22 24 | 0 14 | 22 28 | 0 32 | 1 23 | 0 46 | 15 26 | 0 15 | 7 19 | 17 4 | 21 51 | 21 47 | 6 27 | 13 24 | 6 21 | | | |
| T 5 | 22 52 | 24 5 | 4 7 | 17 57 | 4 14 | 18 26 | 1 44 | 23 57 | 0 52 | 22 25 | 0 14 | 22 28 | 0 32 | 1 23 | 0 46 | 15 26 | 0 15 | 7 19 | 17 5 | 21 51 | 21 48 | 6 24 | 13 23 | 6 21 | | | |
| W 6 | 22 47 | 25 36 | 3 14 | 17 52 | 4 24 | 18 5 | 1 43 | 23 55 | 0 52 | 22 27 | 0 15 | 22 28 | 0 32 | 1 23 | 0 46 | 15 26 | 0 15 | 7 19 | 17 5 | 21 51 | 21 48 | 6 21 | 13 21 | 6 21 | | | |
| T 7 | 22 41 | 25 33 | 2 8 | 17 48 | 4 33 | 17 43 | 1 43 | 23 52 | 0 53 | 22 28 | 0 15 | 22 29 | 0 32 | 1 23 | 0 46 | 15 27 | 0 15 | 7 19 | 17 5 | 21 51 | 21 49 | 6 18 | 13 20 | 6 20 | | | |
| F 8 | 22 35 | 23 50 | 0 52 | 17 46 | 4 40 | 17 21 | 1 42 | 23 49 | 0 53 | 22 29 | 0 15 | 22 29 | 0 32 | 1 23 | 0 46 | 15 27 | 0 15 | 7 20 | 17 6 | 21 51 | 21 49 | 6 15 | 13 19 | 6 20 | | | |
| S 9 | 22 28 | 20 30 | 0s29 | 17 44 | 4 46 | 16 59 | 1 42 | 23 46 | 0 53 | 22 30 | 0 15 | 22 30 | 0 32 | 1 23 | 0 46 | 15 28 | 0 15 | 7 20 | 17 6 | 21 51 | 21 50 | 6 12 | 13 17 | 6 20 | | | |
| S 10 | 22 21 | 15 50 | 1 48 | 17 45 | 4 50 | 16 35 | 1 41 | 23 42 | 0 54 | 22 31 | 0 15 | 22 30 | 0 32 | 1 23 | 0 46 | 15 28 | 0 15 | 7 20 | 17 6 | 21 51 | 21 50 | 6 9 | 13 16 | 6 20 | | | |
| M 11 | 22 13 | 10 12 | 3 1 | 17 46 | 4 53 | 16 12 | 1 40 | 23 39 | 0 54 | 22 32 | 0 15 | 22 31 | 0 32 | 1 23 | 0 46 | 15 29 | 0 15 | 7 20 | 17 7 | 21 51 | 21 51 | 6 6 | 13 14 | 6 20 | | | |
| T 12 | 22 5 | 4 2 | 4 1 | 17 49 | 4 54 | 15 48 | 1 40 | 23 35 | 0 54 | 22 34 | 0 15 | 22 31 | 0 32 | 1 24 | 0 46 | 15 29 | 0 15 | 7 21 | 17 7 | 21 51 | 21 51 | 6 3 | 13 13 | 6 19 | | | |
| W 13 | 21 57 | 2s16 | 4 45 | 17 53 | 4 53 | 15 24 | 1 39 | 23 31 | 0 55 | 22 35 | 0 16 | 22 32 | 0 32 | 1 24 | 0 46 | 15 29 | 0 15 | 7 21 | 17 7 | 21 51 | 21 52 | 6 0 | 13 11 | 6 19 | | | |
| T 14 | 21 48 | 8 20 | 5 11 | 17 58 | 4 50 | 14 59 | 1 38 | 23 27 | 0 55 | 22 36 | 0 16 | 22 32 | 0 31 | 1 24 | 0 46 | 15 30 | 0 15 | 7 21 | 17 8 | 21 51 | 21 52 | 5 57 | 13 10 | 6 19 | | | |
| F 15 | 21 39 | 13 52 | 5 17 | 18 5 | 4 46 | 14 34 | 1 36 | 23 22 | 0 56 | 22 37 | 0 16 | 22 32 | 0 31 | 1 24 | 0 46 | 15 30 | 0 15 | 7 21 | 17 8 | 21 51 | 21 53 | 5 54 | 13 9 | 6 19 | | | |
| S 16 | 21 30 | 18 35 | 5 5 | 18 12 | 4 41 | 14 8 | 1 35 | 23 18 | 0 56 | 22 38 | 0 16 | 22 33 | 0 31 | 1 25 | 0 46 | 15 31 | 0 15 | 7 22 | 17 8 | 21 51 | 21 53 | 5 51 | 13 7 | 6 19 | | | |
| S 17 | 21 20 | 22 15 | 4 37 | 18 21 | 4 34 | 13 43 | 1 34 | 23 13 | 0 56 | 22 39 | 0 16 | 22 33 | 0 31 | 1 25 | 0 46 | 15 31 | 0 15 | 7 22 | 17 9 | 21 51 | 21 54 | 5 48 | 13 5 | 6 19 | | | |
| M 18 | 21 10 | 24 40 | 3 54 | 18 30 | 4 26 | 13 17 | 1 33 | 23 8 | 0 57 | 22 40 | 0 16 | 22 34 | 0 31 | 1 25 | 0 46 | 15 32 | 0 15 | 7 22 | 17 9 | 21 51 | 21 54 | 5 45 | 13 4 | 6 18 | | | |
| T 19 | 21 0 | 25 44 | 3 0 | 18 40 | 4 16 | 12 50 | 1 31 | 23 3 | 0 57 | 22 41 | 0 16 | 22 34 | 0 31 | 1 25 | 0 46 | 15 32 | 0 15 | 7 23 | 17 10 | 21 51 | 21 55 | 5 42 | 13 2 | 6 18 | | | |
| W 20 | 20 49 | 25 26 | 1 59 | 18 51 | 4 6 | 12 23 | 1 30 | 22 58 | 0 57 | 22 42 | 0 17 | 22 35 | 0 31 | 1 26 | 0 46 | 15 33 | 0 15 | 7 23 | 17 10 | 21 51 | 21 55 | 5 39 | 13 1 | 6 18 | | | |
| T 21 | 20 38 | 23 51 | 0 52 | 19 2 | 3 54 | 11 56 | 1 28 | 22 52 | 0 58 | 22 43 | 0 17 | 22 35 | 0 31 | 1 26 | 0 46 | 15 33 | 0 15 | 7 23 | 17 10 | 21 51 | 21 56 | 5 36 | 12 59 | 6 18 | | | |
| F 22 | 20 26 | 21 8 | 0n15 | 19 13 | 3 42 | 11 29 | 1 26 | 22 47 | 0 58 | 22 44 | 0 17 | 22 35 | 0 31 | 1 26 | 0 46 | 15 34 | 0 15 | 7 23 | 17 11 | 21 51 | 21 56 | 5 33 | 12 58 | 6 18 | | | |
| S 23 | 20 14 | 17 32 | 1 22 | 19 25 | 3 29 | 11 1 | 1 25 | 22 41 | 0 58 | 22 45 | 0 17 | 22 36 | 0 31 | 1 27 | 0 47 | 15 34 | 0 15 | 7 24 | 17 11 | 21 51 | 21 56 | 5 30 | 12 56 | 6 18 | | | |
| S 24 | 20 2 | 13 16 | 2 24 | 19 37 | 3 15 | 10 33 | 1 23 | 22 35 | 0 59 | 22 46 | 0 17 | 22 36 | 0 30 | 1 27 | 0 47 | 15 35 | 0 15 | 7 24 | 17 11 | 21 51 | 21 57 | 5 27 | 12 54 | 6 18 | | | |
| M 25 | 19 50 | 8 31 | 3 19 | 19 49 | 3 1 | 10 5 | 1 21 | 22 29 | 0 59 | 22 47 | 0 17 | 22 37 | 0 30 | 1 28 | 0 47 | 15 35 | 0 15 | 7 24 | 17 12 | 21 51 | 21 57 | 5 24 | 12 53 | 6 18 | | | |
| T 26 | 19 37 | 3 30 | 4 5 | 20 0 | 2 46 | 9 37 | 1 19 | 22 22 | 0 59 | 22 48 | 0 17 | 22 37 | 0 30 | 1 28 | 0 47 | 15 36 | 0 15 | 7 25 | 17 12 | 21 51 | 21 58 | 5 21 | 12 51 | 6 18 | | | |
| W 27 | 19 23 | 1n38 | 4 41 | 20 11 | 2 31 | 9 8 | 1 17 | 22 16 | 1 0 | 22 49 | 0 17 | 22 37 | 0 30 | 1 29 | 0 47 | 15 36 | 0 15 | 7 25 | 17 12 | 21 52 | 21 58 | 5 18 | 12 49 | 6 18 | | | |
| T 28 | 19 10 | 6 43 | 5 5 | 20 21 | 2 16 | 8 39 | 1 14 | 22 9 | 1 0 | 22 50 | 0 18 | 22 38 | 0 30 | 1 29 | 0 47 | 15 37 | 0 15 | 7 25 | 17 13 | 21 52 | 21 59 | 5 15 | 12 48 | 6 18 | | | |
| F 29 | 18 56 | 11 36 | 5 15 | 20 31 | 2 1 | 8 10 | 1 12 | 22 2 | 1 0 | 22 51 | 0 18 | 22 38 | 0 30 | 1 29 | 0 47 | 15 37 | 0 15 | 7 26 | 17 13 | 21 52 | 21 59 | 5 12 | 12 46 | 6 18 | | | |
| S 30 | 18 42 | 16 7 | 5 12 | 20 39 | 1 45 | 7 41 | 1 10 | 21 55 | 1 1 | 22 52 | 0 18 | 22 38 | 0 30 | 1 30 | 0 47 | 15 38 | 0 15 | 7 26 | 17 13 | 21 52 | 22 0 | 5 9 | 12 44 | 6 18 | | | |
| S 31 | 18n28 | 20n 3 | 4n55 | 20n46 | 1s30 | 7n12 | 1n 7 | 21n48 | 1n 1 | 22s53 | 0s18 | 22s39 | 0n30 | 1s30 | 0s47 | 15s38 | 0s15 | 7s27 | 17s14 | 21s52 | 22s 0 | 5s 6 | 12n42 | 6s17 | | | |

ASTRODIENST EPHEMERIS for the year 1842
geocentric

AUGUST 1842

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|----------|--------|-------|-------|-------|-------|-------|--------|-------|--------|--------|-------|-------|------|------|
| M 1 | 20 36 46 | 8♌16°23 | 24♋33 | 19♊4 | 15♏33 | 27♊29 | 15♏9 | 9♏R10 | 27♏R59 | 18♏9 | 21♏R57 | 20♊40 | 19♊43 | 7♏54 | 6♌2 | M 1 |
| T 2 | 20 40 43 | 9♏13°50 | 7♏II41 | 20°17 | 16°43 | 28°8 | 15♊2 | 9♊3 | 27♏58 | 18♏7 | 21♏57 | 20°41 | 19°39 | 8°1 | 6°10 | T 2 |
| W 3 | 20 44 39 | 10°11'18 | 21°14 | 21°35 | 17°53 | 28°47 | 14°56 | 9°3 | 27°57 | 18°5 | 21°57 | 20°42 | 19°36 | 8°8 | 6°17 | W 3 |
| T 4 | 20 48 36 | 11°8'47 | 5♊14 | 22°59 | 19°4 | 29°25 | 14°50 | 9°0 | 27°55 | 18°4 | 21°56 | 20°43 | 19°33 | 8°14 | 6°25 | T 4 |
| F 5 | 20 52 32 | 12°6'17 | 19°39 | 24°27 | 20°14 | 0♌4 | 14°44 | 8°56 | 27°54 | 18°2 | 21°56 | 20°R44 | 19°30 | 8°21 | 6°32 | F 5 |
| S 6 | 20 56 29 | 13°3'49 | 4♌26 | 26°0 | 21°24 | 0°43 | 14°38 | 8°53 | 27°52 | 18°1 | 21°56 | 20°43 | 19°27 | 8°28 | 6°40 | S 6 |
| S 7 | 21 0 26 | 14°1'21 | 19°27 | 27°37 | 22°34 | 1°22 | 14°32 | 8°50 | 27°51 | 17°59 | 21°55 | 20°42 | 19°24 | 8°34 | 6°47 | S 7 |
| M 8 | 21 4 22 | 14°58'55 | 4♏35 | 29°18 | 23°44 | 2°0 | 14°26 | 8°47 | 27°49 | 17°57 | 21°55 | 20°39 | 19°20 | 8°41 | 6°54 | M 8 |
| T 9 | 21 8 19 | 15°56'29 | 19°39 | 1♌3 | 24°54 | 2°39 | 14°20 | 8°44 | 27°48 | 17°56 | 21°55 | 20°36 | 19°17 | 8°48 | 7°2 | T 9 |
| W10 | 21 12 15 | 16°54'05 | 4♊31 | 2°51 | 26°4 | 3°18 | 14°15 | 8°41 | 27°46 | 17°54 | 21°54 | 20°32 | 19°14 | 8°55 | 7°9 | W10 |
| T 11 | 21 16 12 | 17°51'41 | 19°4 | 4°43 | 27°14 | 3°56 | 14°10 | 8°38 | 27°44 | 17°52 | 21°54 | 20°29 | 19°11 | 9°1 | 7°17 | T 11 |
| F 12 | 21 20 8 | 18°49'19 | 3♏14 | 6°36 | 28°23 | 4°35 | 14°5 | 8°35 | 27°43 | 17°51 | 21°54 | 20°27 | 19°8 | 9°8 | 7°24 | F 12 |
| S 13 | 21 24 5 | 19°46'57 | 16°59 | 8°32 | 29°33 | 5°14 | 14°0 | 8°32 | 27°41 | 17°49 | 21°53 | 20°D27 | 19°5 | 9°15 | 7°31 | S 13 |
| S 14 | 21 28 1 | 20°44'36 | 0♊19 | 10°30 | 0♊43 | 5°52 | 13°55 | 8°30 | 27°39 | 17°48 | 21°53 | 20°27 | 19°1 | 9°21 | 7°39 | S 14 |
| M15 | 21 31 58 | 21°42'17 | 13°18 | 12°29 | 1°52 | 6°31 | 13°50 | 8°27 | 27°37 | 17°46 | 21°52 | 20°28 | 18°58 | 9°28 | 7°46 | M15 |
| T 16 | 21 35 54 | 22°39'58 | 25°57 | 14°29 | 3°1 | 7°9 | 13°46 | 8°24 | 27°36 | 17°44 | 21°52 | 20°30 | 18°55 | 9°35 | 7°53 | T 16 |
| W17 | 21 39 51 | 23°37'40 | 8♊22 | 16°30 | 4°11 | 7°48 | 13°41 | 8°22 | 27°34 | 17°43 | 21°51 | 20°31 | 18°52 | 9°41 | 8°1 | W17 |
| T 18 | 21 43 48 | 24°35'24 | 20°34 | 18°31 | 5°20 | 8°26 | 13°37 | 8°20 | 27°32 | 17°41 | 21°51 | 20°R32 | 18°49 | 9°48 | 8°8 | T 18 |
| F 19 | 21 47 44 | 25°33'09 | 2♊38 | 20°32 | 6°29 | 9°4 | 13°33 | 8°17 | 27°30 | 17°39 | 21°50 | 20°31 | 18°45 | 9°55 | 8°15 | F 19 |
| S 20 | 21 51 41 | 26°30'55 | 14°35 | 22°33 | 7°38 | 9°43 | 13°29 | 8°15 | 27°28 | 17°38 | 21°50 | 20°29 | 18°42 | 10°1 | 8°23 | S 20 |
| S 21 | 21 55 37 | 27°28'42 | 26°28 | 24°33 | 8°47 | 10°21 | 13°25 | 8°13 | 27°26 | 17°36 | 21°49 | 20°24 | 18°39 | 10°8 | 8°30 | S 21 |
| M22 | 21 59 34 | 28°26'31 | 8♏19 | 26°33 | 9°56 | 10°59 | 13°22 | 8°11 | 27°24 | 17°35 | 21°48 | 20°19 | 18°36 | 10°15 | 8°37 | M22 |
| T 23 | 22 3 30 | 29°24'22 | 20°10 | 28°33 | 11°4 | 11°38 | 13°19 | 8°9 | 27°22 | 17°33 | 21°48 | 20°12 | 18°33 | 10°22 | 8°44 | T 23 |
| W24 | 22 7 27 | 0♏22'13 | 2♏2 | 0♏31 | 12°13 | 12°16 | 13°15 | 8°7 | 27°20 | 17°31 | 21°47 | 20°4 | 18°30 | 10°28 | 8°51 | W24 |
| T 25 | 22 11 23 | 1°20'07 | 13°58 | 2°29 | 13°21 | 12°54 | 13°12 | 8°5 | 27°18 | 17°30 | 21°46 | 19°57 | 18°26 | 10°35 | 8°58 | T 25 |
| F 26 | 22 15 20 | 2°18'02 | 26°1 | 4°25 | 14°30 | 13°33 | 13°10 | 8°4 | 27°16 | 17°28 | 21°46 | 19°51 | 18°23 | 10°42 | 9°6 | F 26 |
| S 27 | 22 19 17 | 3°15'59 | 8♏13 | 6°21 | 15°38 | 14°11 | 13°7 | 8°2 | 27°14 | 17°27 | 21°45 | 19°46 | 18°20 | 10°48 | 9°13 | S 27 |
| S 28 | 22 23 13 | 4°13'58 | 20°37 | 8°15 | 16°46 | 14°49 | 13°5 | 8°0 | 27°12 | 17°25 | 21°44 | 19°43 | 18°17 | 10°55 | 9°20 | S 28 |
| M29 | 22 27 10 | 5°11'59 | 3♏18 | 10°8 | 17°54 | 15°27 | 13°2 | 7°59 | 27°9 | 17°24 | 21°44 | 19°D42 | 18°14 | 11°2 | 9°27 | M29 |
| T 30 | 22 31 6 | 6°10'02 | 16°20 | 12°0 | 19°2 | 16°6 | 13°0 | 7°58 | 27°7 | 17°22 | 21°43 | 19°43 | 18°10 | 11°8 | 9°34 | T 30 |
| W31 | 22 35 3 | 7♏8'07 | 29♏45 | 13♏50 | 20♏10 | 16♏44 | 12♏58 | 7♏56 | 27♏5 | 17♏21 | 21♏42 | 19♏44 | 18♏7 | 11♏15 | 9♏41 | 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 | decl lat |
| M 1 | 18n13 | 23n10 | 4n23 | 20n52 | 1s15 | 6n42 | 1n5 | 21n41 | 1n1 | 22s54 | 0s18 | 22s39 | 0n30 | 1s31 | 0s47 | 15s39 |
| T 2 | 17 58 | 25 9 | 3 36 | 20 57 | 1 0 | 6 12 | 1 2 | 21 34 | 1 2 | 22 55 | 0 18 | 22 39 | 0 29 | 1 32 | 0 47 | 15 39 |
| W 3 | 17 42 | 25 46 | 2 36 | 20 59 | 0 45 | 5 42 | 1 0 | 21 26 | 1 2 | 22 56 | 0 18 | 22 40 | 0 29 | 1 32 | 0 47 | 15 40 |
| T 4 | 17 27 | 24 46 | 1 24 | 21 0 | 0 31 | 5 12 | 0 57 | 21 18 | 1 2 | 22 56 | 0 18 | 22 40 | 0 29 | 1 33 | 0 47 | 15 40 |
| F 5 | 17 11 | 22 7 | 0 6 | 20 59 | 0 17 | 4 42 | 0 54 | 21 10 | 1 2 | 22 57 | 0 18 | 22 40 | 0 29 | 1 33 | 0 47 | 15 41 |
| S 6 | 16 55 | 17 58 | 1s15 | 20 55 | 0 3 | 4 12 | 0 51 | 21 2 | 1 3 | 22 58 | 0 19 | 22 41 | 0 29 | 1 34 | 0 47 | 15 41 |
| S 7 | 16 38 | 12 36 | 2 32 | 20 49 | 0n10 | 3 41 | 0 48 | 20 54 | 1 3 | 22 59 | 0 19 | 22 41 | 0 29 | 1 35 | 0 47 | 15 42 |
| M 8 | 16 21 | 6 27 | 3 38 | 20 40 | 0 22 | 3 11 | 0 45 | 20 46 | 1 3 | 22 59 | 0 19 | 22 41 | 0 29 | 1 35 | 0 47 | 15 42 |
| T 9 | 16 4 | 0s2 | 4 29 | 20 29 | 0 33 | 2 40 | 0 42 | 20 37 | 1 4 | 23 0 | 0 19 | 22 42 | 0 29 | 1 36 | 0 47 | 15 43 |
| W10 | 15 47 | 6 25 | 5 2 | 20 15 | 0 44 | 2 9 | 0 39 | 20 28 | 1 4 | 23 1 | 0 19 | 22 42 | 0 29 | 1 36 | 0 47 | 15 43 |
| T 11 | 15 30 | 12 18 | 5 14 | 19 58 | 0 54 | 1 39 | 0 36 | 20 20 | 1 4 | 23 1 | 0 19 | 22 42 | 0 28 | 1 37 | 0 47 | 15 44 |
| F 12 | 15 12 | 17 23 | 5 6 | 19 39 | 1 3 | 1 8 | 0 32 | 20 11 | 1 4 | 23 2 | 0 19 | 22 43 | 0 28 | 1 38 | 0 47 | 15 44 |
| S 13 | 14 54 | 21 24 | 4 41 | 19 17 | 1 11 | 0 37 | 0 29 | 20 2 | 1 5 | 23 3 | 0 19 | 22 43 | 0 28 | 1 39 | 0 47 | 15 45 |
| S 14 | 14 35 | 24 10 | 4 1 | 18 53 | 1 18 | 0 6 | 0 25 | 19 52 | 1 5 | 23 3 | 0 19 | 22 43 | 0 28 | 1 39 | 0 47 | 15 45 |
| M15 | 14 17 | 25 33 | 3 10 | 18 26 | 1 25 | 0s25 | 0 22 | 19 43 | 1 5 | 23 4 | 0 19 | 22 44 | 0 28 | 1 40 | 0 47 | 15 46 |
| T 16 | 13 58 | 25 34 | 2 10 | 17 56 | 1 30 | 0 56 | 0 18 | 19 33 | 1 6 | 23 4 | 0 20 | 22 44 | 0 28 | 1 41 | 0 47 | 15 46 |
| W17 | 13 39 | 24 18 | 1 6 | 17 25 | 1 35 | 1 26 | 0 15 | 19 24 | 1 6 | 23 5 | 0 20 | 22 44 | 0 28 | 1 41 | 0 47 | 15 47 |
| T 18 | 13 20 | 21 53 | 0n0 | 16 51 | 1 39 | 1 57 | 0 11 | 19 14 | 1 6 | 23 5 | 0 20 | 22 44 | 0 28 | 1 42 | 0 47 | 15 47 |
| F 19 | 13 1 | 18 32 | 1 6 | 16 16 | 1 42 | 2 28 | 0 7 | 19 4 | 1 6 | 23 6 | 0 20 | 22 45 | 0 27 | 1 43 | 0 47 | 15 48 |
| S 20 | 12 41 | 14 27 | 2 7 | 15 39 | 1 44 | 2 59 | 0 3 | 18 54 | 1 7 | 23 6 | 0 20 | 22 45 | 0 27 | 1 44 | 0 47 | 15 48 |
| S 21 | 12 22 | 9 50 | 3 3 | 15 0 | 1 45 | 3 30 | 0s1 | 18 44 | 1 7 | 23 7 | 0 20 | 22 45 | 0 27 | 1 45 | 0 47 | 15 49 |
| M22 | 12 2 | 4 54 | 3 51 | 14 20 | 1 46 | 4 0 | 0 5 | 18 34 | 1 7 | 23 7 | 0 20 | 22 45 | 0 27 | 1 45 | 0 47 | 15 49 |
| T 23 | 11 41 | 0n12 | 4 28 | 13 39 | 1 46 | 4 31 | 0 9 | 18 24 | 1 7 | 23 8 | 0 20 | 22 46 | 0 27 | 1 46 | 0 47 | 15 50 |
| W24 | 11 21 | 5 18 | 4 54 | 12 56 | 1 45 | 5 2 | 0 13 | 18 13 | 1 8 | 23 8 | 0 20 | 22 46 | 0 27 | 1 47 | 0 47 | 15 50 |
| T 25 | 11 1 | 10 14 | 5 7 | 12 13 | 1 44 | 5 32 | 0 17 | 18 2 | 1 8 | 23 8 | 0 20 | 22 46 | 0 27 | 1 48 | 0 47 | 15 51 |
| F 26 | 10 40 | 14 49 | 5 7 | 11 29 | 1 42 | 6 3 | 0 21 | 17 52 | 1 8 | 23 9 | 0 20 | 22 46 | 0 27 | 1 49 | 0 47 | 15 51 |
| S 27 | 10 19 | 18 53 | 4 53 | 10 44 | 1 40 | 6 33 | 0 25 | 17 41 | 1 8 | 23 9 | 0 20 | 22 47 | 0 27 | 1 50 | 0 47 | 15 52 |
| S 28 | 9 58 | 22 11 | 4 25 | 9 59 | 1 37 | 7 3 | 0 29 | 17 30 | 1 9 | 23 9 | 0 21 | 22 47 | 0 26 | 1 50 | 0 47 | 15 52 |
| M29 | 9 37 | 24 30 | 3 44 | 9 13 | 1 33 | 7 33 | 0 34 | 17 19 | 1 9 | 23 10 | 0 21 | 22 47 | 0 26 | 1 51 | 0 47 | 15 53 |
| T 30 | 9 15 | 25 35 | 2 50 | 8 27 | 1 29 | 8 3 | 0 38 | 17 8 | 1 9 | 23 10 | 0 21 | 22 47 | 0 26 | 1 52 | 0 47 | 15 53 |
| W31 | 8n54 | 25n13 | 1n46 | 7n40 | 1n25 | 8s33 | 0s42 | 16n56 | 1n9 | 23s10 | 0s21 | 22s47 | 0n26 | 1s53 | 0s47 | 15s54 |

Julian Day Number = 2394048.5, Delta T = 7.67 sec
Ecliptic obliquity = 23°27'38", Nutation = 0°00'17", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°32'32", Lahiri = 21°39'32"

ASTRODIENST EPHEMERIS for the year 1842
geocentric

SEPTEMBER 1842

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------|
| T 1 | 22 38 59 | 8 ^h 6'14 | 13 ^h 38 | 15 ^h 40 | 21 ^h 18 | 17 ^h 22 | 12 ^h 57 | 7 ^h 55 | 27 ^h 3 | 17 ^h 19 | 21 ^h 41 | 19 ^h 45 | 18 ^h 4 | 11 ^h 22 | 9 ^h 48 | T 1 |
| F 2 | 22 42 56 | 9 ^h 4'23 | 27 ^h 57 | 17 ^h 28 | 22 ^h 25 | 18 ^h 0 | 12 ^h 55 | 7 ^h 54 | 27 ^h 1 | 17 ^h 18 | 21 ^h 41 | 19 ^h 45 | 18 ^h 1 | 11 ^h 28 | 9 ^h 55 | F 2 |
| S 3 | 22 46 52 | 10 ^h 2'33 | 12 ^h 41 | 19 ^h 15 | 23 ^h 33 | 18 ^h 38 | 12 ^h 54 | 7 ^h 53 | 26 ^h 58 | 17 ^h 16 | 21 ^h 40 | 19 ^h 43 | 17 ^h 58 | 11 ^h 35 | 10 ^h 2 | S 3 |
| S 4 | 22 50 49 | 11 ^h 0'46 | 27 ^h 45 | 21 ^h 0 | 24 ^h 40 | 19 ^h 16 | 12 ^h 53 | 7 ^h 53 | 26 ^h 56 | 17 ^h 15 | 21 ^h 39 | 19 ^h 38 | 17 ^h 55 | 11 ^h 42 | 10 ^h 8 | S 4 |
| M 5 | 22 54 46 | 11 ^h 59'00 | 13 ^h 1 | 22 ^h 45 | 25 ^h 47 | 19 ^h 54 | 12 ^h 52 | 7 ^h 52 | 26 ^h 54 | 17 ^h 13 | 21 ^h 38 | 19 ^h 32 | 17 ^h 51 | 11 ^h 49 | 10 ^h 15 | M 5 |
| T 6 | 22 58 42 | 12 ^h 57'16 | 28 ^h 18 | 24 ^h 28 | 26 ^h 54 | 20 ^h 32 | 12 ^h 51 | 7 ^h 51 | 26 ^h 51 | 17 ^h 12 | 21 ^h 37 | 19 ^h 24 | 17 ^h 48 | 11 ^h 55 | 10 ^h 22 | T 6 |
| W 7 | 23 2 39 | 13 ^h 55'33 | 13 ^h 24 | 26 ^h 10 | 28 ^h 1 | 21 ^h 10 | 12 ^h 51 | 7 ^h 51 | 26 ^h 49 | 17 ^h 10 | 21 ^h 36 | 19 ^h 16 | 17 ^h 45 | 12 ^h 2 | 10 ^h 29 | W 7 |
| T 8 | 23 6 35 | 14 ^h 53'53 | 28 ^h 11 | 27 ^h 51 | 29 ^h 8 | 21 ^h 48 | 12 ^h 50 | 7 ^h 50 | 26 ^h 47 | 17 ^h 9 | 21 ^h 36 | 19 ^h 9 | 17 ^h 42 | 12 ^h 9 | 10 ^h 35 | T 8 |
| F 9 | 23 10 32 | 15 ^h 52'14 | 12 ^h 32 | 29 ^h 31 | 0 ^h 15 | 22 ^h 26 | 12 ^h 50 | 7 ^h 50 | 26 ^h 44 | 17 ^h 8 | 21 ^h 35 | 19 ^h 2 | 17 ^h 39 | 12 ^h 15 | 10 ^h 42 | F 9 |
| S 10 | 23 14 28 | 16 ^h 50'36 | 26 ^h 24 | 1 ^h 10 | 1 ^h 21 | 23 ^h 4 | 12 ^h 50 | 7 ^h 49 | 26 ^h 42 | 17 ^h 6 | 21 ^h 34 | 18 ^h 58 | 17 ^h 36 | 12 ^h 22 | 10 ^h 49 | S 10 |
| S 11 | 23 18 25 | 17 ^h 49'00 | 9 ^h 48 | 2 ^h 47 | 2 ^h 28 | 23 ^h 42 | 12 ^h 50 | 7 ^h 49 | 26 ^h 40 | 17 ^h 5 | 21 ^h 33 | 18 ^h 56 | 17 ^h 32 | 12 ^h 29 | 10 ^h 55 | S 11 |
| M 12 | 23 22 21 | 18 ^h 47'26 | 22 ^h 45 | 4 ^h 24 | 3 ^h 34 | 24 ^h 20 | 12 ^h 51 | 7 ^h 49 | 26 ^h 37 | 17 ^h 3 | 21 ^h 32 | 18 ^h 56 | 17 ^h 29 | 12 ^h 35 | 11 ^h 2 | M 12 |
| T 13 | 23 26 18 | 19 ^h 45'53 | 5 ^h 20 | 5 ^h 59 | 4 ^h 40 | 24 ^h 58 | 12 ^h 51 | 7 ^h 49 | 26 ^h 35 | 17 ^h 2 | 21 ^h 31 | 18 ^h 57 | 17 ^h 26 | 12 ^h 42 | 11 ^h 8 | T 13 |
| W 14 | 23 30 15 | 20 ^h 44'22 | 17 ^h 37 | 7 ^h 34 | 5 ^h 46 | 25 ^h 36 | 12 ^h 52 | 7 ^h 49 | 26 ^h 33 | 17 ^h 1 | 21 ^h 30 | 18 ^h 57 | 17 ^h 23 | 12 ^h 49 | 11 ^h 15 | W 14 |
| T 15 | 23 34 11 | 21 ^h 42'53 | 29 ^h 42 | 9 ^h 7 | 6 ^h 51 | 26 ^h 14 | 12 ^h 53 | 7 ^h 50 | 26 ^h 30 | 17 ^h 0 | 21 ^h 29 | 18 ^h 57 | 17 ^h 20 | 12 ^h 56 | 11 ^h 21 | T 15 |
| F 16 | 23 38 8 | 22 ^h 41'25 | 11 ^h 38 | 10 ^h 39 | 7 ^h 57 | 26 ^h 52 | 12 ^h 54 | 7 ^h 50 | 26 ^h 28 | 16 ^h 58 | 21 ^h 28 | 18 ^h 54 | 17 ^h 16 | 13 ^h 2 | 11 ^h 27 | F 16 |
| S 17 | 23 42 4 | 23 ^h 39'59 | 23 ^h 30 | 12 ^h 11 | 9 ^h 2 | 27 ^h 29 | 12 ^h 56 | 7 ^h 50 | 26 ^h 25 | 16 ^h 57 | 21 ^h 27 | 18 ^h 49 | 17 ^h 13 | 13 ^h 9 | 11 ^h 34 | S 17 |
| S 18 | 23 46 1 | 24 ^h 38'34 | 5 ^h 20 | 13 ^h 41 | 10 ^h 7 | 28 ^h 7 | 12 ^h 57 | 7 ^h 51 | 26 ^h 23 | 16 ^h 56 | 21 ^h 26 | 18 ^h 41 | 17 ^h 10 | 13 ^h 16 | 11 ^h 40 | S 18 |
| M 19 | 23 49 57 | 25 ^h 37'12 | 17 ^h 11 | 15 ^h 10 | 11 ^h 12 | 28 ^h 45 | 12 ^h 59 | 7 ^h 51 | 26 ^h 21 | 16 ^h 55 | 21 ^h 25 | 18 ^h 31 | 17 ^h 7 | 13 ^h 22 | 11 ^h 46 | M 19 |
| T 20 | 23 53 54 | 26 ^h 35'51 | 29 ^h 4 | 16 ^h 38 | 12 ^h 17 | 29 ^h 23 | 13 ^h 1 | 7 ^h 52 | 26 ^h 18 | 16 ^h 54 | 21 ^h 24 | 18 ^h 19 | 17 ^h 4 | 13 ^h 29 | 11 ^h 52 | T 20 |
| W 21 | 23 57 50 | 27 ^h 34'32 | 11 ^h 9 | 18 ^h 5 | 13 ^h 21 | 0 ^h 10 | 13 ^h 3 | 7 ^h 53 | 26 ^h 16 | 16 ^h 52 | 21 ^h 23 | 18 ^h 6 | 17 ^h 1 | 13 ^h 36 | 11 ^h 58 | W 21 |
| T 22 | 0 1 47 | 28 ^h 33'16 | 23 ^h 5 | 19 ^h 31 | 14 ^h 26 | 0 ^h 38 | 13 ^h 6 | 7 ^h 54 | 26 ^h 13 | 16 ^h 51 | 21 ^h 22 | 17 ^h 53 | 16 ^h 57 | 13 ^h 42 | 12 ^h 4 | T 22 |
| F 23 | 0 5 44 | 29 ^h 32'01 | 5 ^h 15 | 20 ^h 56 | 15 ^h 30 | 1 ^h 16 | 13 ^h 8 | 7 ^h 55 | 26 ^h 11 | 16 ^h 50 | 21 ^h 21 | 17 ^h 42 | 16 ^h 54 | 13 ^h 49 | 12 ^h 10 | F 23 |
| S 24 | 0 9 40 | 0 ^h 30'49 | 17 ^h 34 | 22 ^h 19 | 16 ^h 34 | 1 ^h 54 | 13 ^h 11 | 7 ^h 56 | 26 ^h 9 | 16 ^h 49 | 21 ^h 20 | 17 ^h 33 | 16 ^h 51 | 13 ^h 56 | 12 ^h 16 | S 24 |
| S 25 | 0 13 37 | 1 ^h 29'39 | 0 ^h 11 | 23 ^h 42 | 17 ^h 37 | 2 ^h 31 | 13 ^h 14 | 7 ^h 57 | 26 ^h 6 | 16 ^h 48 | 21 ^h 19 | 17 ^h 26 | 16 ^h 48 | 14 ^h 3 | 12 ^h 22 | S 25 |
| M 26 | 0 17 33 | 2 ^h 28'31 | 12 ^h 45 | 25 ^h 3 | 18 ^h 41 | 3 ^h 9 | 13 ^h 17 | 7 ^h 58 | 26 ^h 4 | 16 ^h 47 | 21 ^h 18 | 17 ^h 23 | 16 ^h 45 | 14 ^h 9 | 12 ^h 28 | M 26 |
| T 27 | 0 21 30 | 3 ^h 27'26 | 25 ^h 45 | 26 ^h 23 | 19 ^h 44 | 3 ^h 46 | 13 ^h 20 | 8 ^h 0 | 26 ^h 1 | 16 ^h 46 | 21 ^h 17 | 17 ^h 21 | 16 ^h 42 | 14 ^h 16 | 12 ^h 34 | T 27 |
| W 28 | 0 25 26 | 4 ^h 26'23 | 9 ^h 4 | 27 ^h 42 | 20 ^h 47 | 4 ^h 24 | 13 ^h 24 | 8 ^h 1 | 25 ^h 59 | 16 ^h 45 | 21 ^h 16 | 17 ^h 21 | 16 ^h 38 | 14 ^h 23 | 12 ^h 39 | W 28 |
| T 29 | 0 29 23 | 5 ^h 25'22 | 22 ^h 45 | 29 ^h 0 | 21 ^h 49 | 5 ^h 2 | 13 ^h 27 | 8 ^h 3 | 25 ^h 57 | 16 ^h 44 | 21 ^h 15 | 17 ^h 21 | 16 ^h 35 | 14 ^h 29 | 12 ^h 45 | T 29 |
| F 30 | 0 33 19 | 6 ^h 24'24 | 6 ^h 52 | 0 ^h 16 | 22 ^h 52 | 5 ^h 39 | 13 ^h 31 | 8 ^h 5 | 25 ^h 54 | 16 ^h 43 | 21 ^h 13 | 17 ^h 20 | 16 ^h 32 | 14 ^h 36 | 12 ^h 51 | 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 | 8n32 | 23n19 | 0n33 | 6n54 | 1n21 | 9s 2 | 0s47 | 16n45 | 1n10 | 23s11 | 0s21 | 22s48 | 0n26 | 1s54 | 0s47 | 15s54 | 0s15 | 7s41 | 17s23 | 22s 0 | 22s14 | 3s29 | 11n41 | 6s21 | | | |
| F 2 | 8 11 | 19 52 | 0s44 | 6 7 | 1 16 | 9 32 | 0 51 | 16 33 | 1 10 | 23 11 | 0 21 | 22 48 | 0 26 | 1 55 | 0 47 | 15 55 | 0 15 | 7 42 | 17 24 | 22 0 | 22 15 | 3 26 | 11 39 | 6 21 | | | |
| S 3 | 7 49 | 15 6 | 2 0 | 5 20 | 1 10 | 10 1 | 0 56 | 16 22 | 1 10 | 23 11 | 0 21 | 22 48 | 0 26 | 1 56 | 0 47 | 15 55 | 0 15 | 7 42 | 17 24 | 22 1 | 22 15 | 3 23 | 11 37 | 6 22 | | | |
| S 4 | 7 27 | 9 18 | 3 10 | 4 34 | 1 5 | 10 30 | 1 0 | 16 10 | 1 10 | 23 11 | 0 21 | 22 48 | 0 26 | 1 57 | 0 47 | 15 55 | 0 15 | 7 43 | 17 24 | 22 1 | 22 16 | 3 20 | 11 35 | 6 22 | | | |
| M 5 | 7 4 | 2 53 | 4 6 | 3 47 | 0 59 | 10 59 | 1 5 | 15 58 | 1 11 | 23 11 | 0 21 | 22 48 | 0 25 | 1 58 | 0 47 | 15 56 | 0 15 | 7 43 | 17 24 | 22 2 | 22 16 | 3 17 | 11 33 | 6 22 | | | |
| T 6 | 6 42 | 3s41 | 4 45 | 3 0 | 0 53 | 11 27 | 1 9 | 15 47 | 1 11 | 23 11 | 0 21 | 22 48 | 0 25 | 1 59 | 0 47 | 15 56 | 0 15 | 7 44 | 17 25 | 22 3 | 22 17 | 3 14 | 11 31 | 6 23 | | | |
| W 7 | 6 20 | 9 58 | 5 4 | 2 14 | 0 46 | 11 56 | 1 14 | 15 35 | 1 11 | 23 12 | 0 21 | 22 49 | 0 25 | 2 0 | 0 47 | 15 57 | 0 15 | 7 44 | 17 25 | 22 4 | 22 17 | 3 11 | 11 29 | 6 23 | | | |
| T 8 | 5 57 | 15 32 | 5 2 | 1 28 | 0 40 | 12 24 | 1 18 | 15 22 | 1 11 | 23 12 | 0 21 | 22 49 | 0 25 | 2 0 | 0 47 | 15 57 | 0 15 | 7 45 | 17 25 | 22 6 | 22 17 | 3 8 | 11 27 | 6 23 | | | |
| F 9 | 5 35 | 20 4 | 4 41 | 0 42 | 0 33 | 12 52 | 1 23 | 15 10 | 1 11 | 23 12 | 0 21 | 22 49 | 0 25 | 2 1 | 0 48 | 15 58 | 0 15 | 7 45 | 17 25 | 22 6 | 22 18 | 3 5 | 11 25 | 6 23 | | | |
| S 10 | 5 12 | 23 18 | 4 3 | 0s 4 | 0 26 | 13 20 | 1 28 | 14 58 | 1 12 | 23 12 | 0 21 | 22 49 | 0 25 | 2 2 | 0 48 | 15 58 | 0 15 | 7 46 | 17 26 | 22 7 | 22 18 | 3 2 | 11 23 | 6 24 | | | |
| S 11 | 4 49 | 25 8 | 3 14 | 0 49 | 0 19 | 13 47 | 1 32 | 14 46 | 1 12 | 23 12 | 0 21 | 22 49 | 0 25 | 2 3 | 0 48 | 15 58 | 0 15 | 7 46 | 17 26 | 22 7 | 22 19 | 2 59 | 11 21 | 6 24 | | | |
| M 12 | 4 26 | 25 31 | 2 15 | 1 34 | 0 12 | 14 14 | 1 37 | 14 33 | 1 12 | 23 12 | 0 22 | 22 49 | 0 25 | 2 4 | 0 48 | 15 59 | 0 15 | 7 47 | 17 26 | 22 7 | 22 19 | 2 56 | 11 19 | 6 24 | | | |
| T 13 | 4 3 | 24 33 | 1 12 | 2 19 | 0 5 | 14 41 | 1 42 | 14 21 | 1 12 | 23 12 | 0 22 | 22 49 | 0 24 | 2 5 | 0 48 | 15 59 | 0 15 | 7 47 | 17 26 | 22 7 | 22 19 | 2 53 | 11 16 | 6 25 | | | |
| W 14 | 3 40 | 22 25 | 0 7 | 3 3 | 0s 3 | 15 7 | 1 46 | 14 8 | 1 13 | 23 12 | 0 22 | 22 49 | 0 24 | 2 6 | 0 48 | 16 0 | 0 15 | 7 48 | 17 26 | 22 7 | 22 20 | 2 50 | 11 14 | 6 25 | | | |
| T 15 | 3 17 | 19 18 | 0n57 | 3 46 | 0 10 | 15 34 | 1 51 | 13 56 | 1 13 | 23 12 | 0 22 | 22 50 | 0 24 | 2 7 | 0 48 | 16 0 | 0 15 | 7 48 | 17 26 | 22 7 | 22 20 | 2 47 | 11 12 | 6 25 | | | |
| F 16 | 2 54 | 15 25 | 1 58 | 4 29 | 0 18 | 16 0 | 1 56 | 13 43 | 1 13 | 23 12 | 0 22 | 22 50 | 0 24 | 2 8 | 0 48 | 16 0 | 0 15 | 7 49 | 17 27 | 22 8 | 22 21 | 2 44 | 11 10 | 6 26 | | | |
| S 17 | 2 31 | 10 59 | 2 53 | 5 12 | 0 25 | 16 25 | 2 0 | 13 30 | 1 13 | 23 12 | 0 22 | 22 50 | 0 24 | 2 9 | 0 48 | 16 1 | 0 15 | 7 49 | 17 27 | 22 8 | 22 21 | 2 41 | 11 8 | 6 26 | | | |
| S 18 | 2 8 | 6 9 | 3 40 | 5 54 | 0 33 | 16 50 | 2 5 | 13 17 | 1 13 | 23 11 | 0 22 | 22 50 | 0 24 | 2 10 | 0 48 | 16 1 | 0 15 | 7 50 | 17 27 | 22 9 | 22 21 | 2 38 | 11 6 | 6 27 | | | |
| M 19 | 1 45 | 1 6 | 4 18 | 6 36 | 0 40 | 17 15 | 2 10 | 13 4 | 1 14 | 23 11 | 0 22 | 22 50 | 0 24 | 2 11 | 0 48 | 16 2 | 0 15 | 7 50 | 17 27 | 22 11 | 22 22 | 2 35 | 11 4 | 6 27 | | | |
| T 20 | 1 21 | 3n59 | 4 45 | 7 17 | 0 48 | 17 40 | 2 14 | 12 51 | 1 14 | 23 11 | 0 22 | 22 50 | 0 24 | 2 12 | 0 48 | 16 2 | 0 15 | 7 51 | 17 27 | 22 12 | 22 22 | 2 32 | 11 2 | 6 27 | | | |
| W 21 | 0 58 | 8 57 | 4 59 | 7 57 | 0 56 | 18 4 | 2 19 | 12 38 | 1 14 | 23 11 | 0 22 | 22 50 | 0 23 | 2 13 | 0 48 | 16 2 | 0 15 | 7 51 | 17 27 | 22 14 | 22 23 | 2 29 | 11 0 | 6 28 | | | |
| T 22 | 0 35 | 13 37 | 5 0 | 8 37 | 1 3 | 18 28 | 2 23 | 12 25 | 1 14 | 23 11 | 0 22 | 22 50 | 0 23 | 2 14 | 0 48 | 16 3 | 0 15 | 7 52 | 17 28 | 22 16 | 22 23 | 2 26 | 10 58 | 6 28 | | | |
| F 23 | 0 11 | 17 48 | 4 48 | 9 16 | 1 11 | 18 51 | 2 28 | 12 12 | 1 14 | 23 11 | 0 22 | 22 50 | 0 23 | 2 15 | 0 48 | 16 3 | 0 15 | 7 52 | 17 28 | 22 17 | 22 23 | 2 23 | 10 56 | 6 29 | | | |
| S 24 | 0s12 | 21 16 | 4 22 | 9 55 | 1 19 | 19 14 | 2 32 | 11 58 | 1 14 | 23 10 | 0 22 | 22 50 | 0 23 | 2 16 | 0 47 | 16 3 | 0 15 | 7 53 | 17 28 | 22 18 | 22 24 | 2 20 | 10 54 | 6 29 | | | |
| S 25 | 0 36 | 23 18 | 3 43 | 10 32 | 1 26 | 19 37 | 2 37 | 11 45 | 1 15 | 23 10 | 0 22 | 22 50 | 0 23 | 2 17 | 0 47 | 16 4 | 0 15 | 7 53 | 17 28 | 22 19 | 22 24 | 2 17 | 10 52 | 6 29 | | | |
| M 26 | 0 59 | 25 42 | 2 52 | 11 9 | 1 34 | 19 59 | 2 42 | 11 31 | 1 15 | 23 10 | 0 22 | 22 50 | 0 23 | 2 18 | 0 47 | 16 4 | 0 15 | 7 54 | 17 28 | 22 20 | 22 25 | 2 14 | 10 50 | 6 30 | | | |
| T 27 | 1 23 | 25 15 | 1 52 | 11 46 | 1 41 | 20 21 | 2 46 | 11 18 | 1 15 | 23 10 | 0 22 | 22 50 | 0 23 | 2 18 | 0 47 | 16 4 | 0 15 | 7 54 | 17 28 | 22 20 | 22 25 | 2 11 | 10 48 | 6 30 | | | |
| W 28 | 1 46 | 23 53 | 0 44 | 12 21 | 1 48 | 20 42 | 2 50 | 11 4 | 1 15 | 23 9 | 0 22 | 22 50 | 0 23 | 2 19 | 0 47 | 16 5 | 0 15 | 7 55 | 17 28 | 22 20 | 22 25 | 2 8 | 10 46 | 6 31 | | | |
| T 29 | 2 9 | 21 4 | 0s29 | 12 55 | 1 55 | 21 3 | 2 55 | 10 51 | 1 15 | 23 9 | 0 22 | 22 50 | 0 23 | 2 20 | 0 47 | 16 5 | 0 15 | 7 55 | 17 28 | 22 20 | 22 26 | 2 5 | 10 44 | 6 31 | | | |
| F 30 | 2s33 | 16n56 | 1s41 | 13s29 | 2s 2 | 21s23 | 2s59 | 10n37 | 1n16 | 23s 9 | 0s22 | 22s50 | 0n22 | 2s21 | 0s47 | 16s 5 | 0s15 | 7s56 | 17s28 | 22s20 | 22s26 | 2s 2 | 10n42 | 6s32 | | | |

ASTRODIENST EPHEMERIS for the year 1842
geocentric

OCTOBER 1842

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | ♈ | Day |
|------|---------|----------|-------|--------|--------|-------|-------|------|--------|--------|--------|--------|-------|-------|------------|
| S 1 | 0 37 16 | 7♌23'27 | 21♏23 | 1♊31 | 23♊54 | 6♎17 | 13♎35 | 8♏6 | 25°R52 | 16°R42 | 21°R12 | 17°R17 | 16♎29 | 14♏43 | 12♏56 S 1 |
| S 2 | 0 41 13 | 8°22'33 | 6♎15 | 2°44 | 24°56 | 6°54 | 13°39 | 8°8 | 25°X50 | 16°X41 | 21°Y11 | 17♎11 | 16°26 | 14°49 | 13°1 S 2 |
| M 3 | 0 45 9 | 9°21'42 | 21°21 | 3°56 | 25°57 | 7°32 | 13°44 | 8°10 | 25°47 | 16°41 | 21°10 | 17°2 | 16°22 | 14°56 | 13°7 M 3 |
| T 4 | 0 49 6 | 10°20'52 | 6♌33 | 5°5 | 26°58 | 8°9 | 13°48 | 8°12 | 25°45 | 16°40 | 21°9 | 16°51 | 16°19 | 15°3 | 13°12 T 4 |
| W 5 | 0 53 2 | 11°20'04 | 21°40 | 6°13 | 27°59 | 8°47 | 13°53 | 8°14 | 25°43 | 16°39 | 21°8 | 16°40 | 16°16 | 15°10 | 13°17 W 5 |
| T 6 | 0 56 59 | 12°19'19 | 6♊32 | 7°19 | 29°0 | 9°24 | 13°58 | 8°17 | 25°40 | 16°38 | 21°7 | 16°29 | 16°13 | 15°16 | 13°23 T 6 |
| F 7 | 1 0 55 | 13°18'35 | 20°59 | 8°23 | 0♌0 | 10°2 | 14°3 | 8°19 | 25°38 | 16°37 | 21°6 | 16°20 | 16°10 | 15°23 | 13°28 F 7 |
| S 8 | 1 4 52 | 14°17'54 | 4♌58 | 9°24 | 1°0 | 10°39 | 14°8 | 8°21 | 25°36 | 16°37 | 21°5 | 16°13 | 16°7 | 15°30 | 13°33 S 8 |
| S 9 | 1 8 48 | 15°17'14 | 18°28 | 10°23 | 1°59 | 11°17 | 14°13 | 8°24 | 25°34 | 16°36 | 21°3 | 16°9 | 16°3 | 15°36 | 13°38 S 9 |
| M10 | 1 12 45 | 16°16'36 | 1♎29 | 11°19 | 2°59 | 11°54 | 14°19 | 8°27 | 25°31 | 16°35 | 21°2 | 16°7 | 16°0 | 15°43 | 13°42 M10 |
| T 11 | 1 16 41 | 17°16'00 | 14°6 | 12°12 | 3°57 | 12°31 | 14°25 | 8°29 | 25°29 | 16°35 | 21°1 | 16°7 | 15°57 | 15°50 | 13°47 T 11 |
| W12 | 1 20 38 | 18°15'25 | 26°23 | 13°1 | 4°56 | 13°9 | 14°30 | 8°32 | 25°27 | 16°34 | 21°0 | 16°7 | 15°54 | 15°56 | 13°52 W12 |
| T 13 | 1 24 35 | 19°14'52 | 8♌26 | 13°47 | 5°54 | 13°46 | 14°36 | 8°35 | 25°25 | 16°34 | 20°59 | 16°6 | 15°51 | 16°3 | 13°57 T 13 |
| F 14 | 1 28 31 | 20°14'21 | 20°20 | 14°28 | 6°51 | 14°23 | 14°43 | 8°38 | 25°23 | 16°33 | 20°58 | 16°3 | 15°48 | 16°10 | 14°1 F 14 |
| S 15 | 1 32 28 | 21°13'52 | 2♊10 | 15°5 | 7°48 | 15°0 | 14°49 | 8°41 | 25°21 | 16°33 | 20°56 | 15°57 | 15°44 | 16°17 | 14°6 S 15 |
| S 16 | 1 36 24 | 22°13'24 | 14°0 | 15°38 | 8°45 | 15°38 | 14°56 | 8°44 | 25°19 | 16°32 | 20°55 | 15°49 | 15°41 | 16°23 | 14°10 S 16 |
| M17 | 1 40 21 | 23°12'59 | 25°54 | 16°4 | 9°41 | 16°15 | 15°2 | 8°47 | 25°17 | 16°32 | 20°54 | 15°38 | 15°38 | 16°30 | 14°14 M17 |
| T 18 | 1 44 17 | 24°12'35 | 7♊52 | 16°25 | 10°36 | 16°52 | 15°9 | 8°51 | 25°15 | 16°31 | 20°53 | 15°25 | 15°35 | 16°37 | 14°18 T 18 |
| W19 | 1 48 14 | 25°12'13 | 19°58 | 16°39 | 11°31 | 17°29 | 15°16 | 8°54 | 25°13 | 16°31 | 20°52 | 15°11 | 15°32 | 16°43 | 14°23 W19 |
| T 20 | 1 52 10 | 26°11'53 | 2♌12 | 16°R46 | 12°25 | 18°7 | 15°23 | 8°58 | 25°11 | 16°31 | 20°51 | 14°57 | 15°28 | 16°50 | 14°27 T 20 |
| F 21 | 1 56 7 | 27°11'36 | 14°35 | 16°45 | 13°19 | 18°44 | 15°31 | 9°1 | 25°9 | 16°31 | 20°50 | 14°44 | 15°25 | 16°57 | 14°31 F 21 |
| S 22 | 2 0 4 | 28°11'20 | 27°8 | 16°37 | 14°13 | 19°21 | 15°38 | 9°5 | 25°7 | 16°30 | 20°48 | 14°34 | 15°22 | 17°3 | 14°35 S 22 |
| S 23 | 2 4 0 | 29°11'07 | 9♊50 | 16°19 | 15°5 | 19°58 | 15°46 | 9°9 | 25°5 | 16°30 | 20°47 | 14°27 | 15°19 | 17°10 | 14°38 S 23 |
| M24 | 2 7 57 | 0♊10'56 | 22°43 | 15°53 | 15°57 | 20°35 | 15°53 | 9°13 | 25°3 | 16°30 | 20°46 | 14°22 | 15°16 | 17°17 | 14°42 M24 |
| T 25 | 2 11 53 | 1°10'47 | 5♌50 | 15°17 | 16°48 | 21°12 | 16°1 | 9°16 | 25°1 | 16°30 | 20°45 | 14°21 | 15°13 | 17°24 | 14°46 T 25 |
| W26 | 2 15 50 | 2°10'40 | 19°11 | 14°33 | 17°39 | 21°49 | 16°9 | 9°20 | 24°59 | 16°30 | 20°44 | 14°D20 | 15°9 | 17°30 | 14°49 W26 |
| T 27 | 2 19 46 | 3°10'35 | 2♏49 | 13°39 | 18°29 | 22°26 | 16°17 | 9°25 | 24°58 | 16°29 | 20°43 | 14°R21 | 15°6 | 17°37 | 14°53 T 27 |
| F 28 | 2 23 43 | 4°10'33 | 16°45 | 12°38 | 19°18 | 23°3 | 16°26 | 9°29 | 24°56 | 16°29 | 20°42 | 14°20 | 15°3 | 17°44 | 14°56 F 28 |
| S 29 | 2 27 39 | 5°10'32 | 1♎0 | 11°30 | 20°7 | 23°40 | 16°34 | 9°33 | 24°54 | 16°D29 | 20°41 | 14°18 | 15°0 | 17°50 | 14°59 S 29 |
| S 30 | 2 31 36 | 6°10'34 | 15°32 | 10°16 | 20°54 | 24°17 | 16°43 | 9°37 | 24°53 | 16°29 | 20°40 | 14°13 | 14°57 | 17°57 | 15°2 S 30 |
| M31 | 2 35 33 | 7♊10'38 | 0♌17 | 9♊0 | 21°X41 | 24♊54 | 16♎51 | 9♎42 | 24°X51 | 16°X29 | 20°Y38 | 14♎5 | 14♎53 | 18♏4 | 15♏6 M31 |

| 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 | decl | lat | decl | lat |
| S 1 | 2s56 | 11n43 | 2s49 | 14s 2 | 2s 9 | 21s43 | 3s 3 | 10n23 | 1n16 | 23s 8 | 0s23 | 22s50 | 0n22 | 2s22 | 0s47 | 16s 5 | 0s15 | 7s56 | 17s29 | 22s21 | 22s27 | 1s59 | 10n40 | 6s32 | | | | | | | | | |
| S 2 | 3 19 | 5 42 | 3 48 | 14 33 | 2 16 | 22 3 | 3 8 | 10 9 | 1 16 | 23 8 | 0 23 | 22 50 | 0 22 | 2 23 | 0 47 | 16 6 | 0 15 | 7 57 | 17 29 | 22 21 | 22 27 | 1 56 | 10 38 | 6 33 | | | | | | | | | |
| M 3 | 3 43 | 0s43 | 4 31 | 15 4 | 2 22 | 22 22 | 3 12 | 9 56 | 1 16 | 23 8 | 0 23 | 22 50 | 0 22 | 2 24 | 0 47 | 16 6 | 0 15 | 7 57 | 17 29 | 22 22 | 22 27 | 1 53 | 10 36 | 6 33 | | | | | | | | | |
| T 4 | 4 6 | 7 8 | 4 56 | 15 34 | 2 28 | 22 41 | 3 16 | 9 42 | 1 16 | 23 7 | 0 23 | 22 50 | 0 22 | 2 25 | 0 47 | 16 6 | 0 15 | 7 58 | 17 29 | 22 24 | 22 28 | 1 50 | 10 34 | 6 34 | | | | | | | | | |
| W 5 | 4 29 | 13 4 | 4 59 | 16 2 | 2 34 | 22 59 | 3 20 | 9 28 | 1 16 | 23 7 | 0 23 | 22 50 | 0 22 | 2 26 | 0 47 | 16 6 | 0 15 | 7 58 | 17 29 | 22 25 | 22 28 | 1 47 | 10 32 | 6 34 | | | | | | | | | |
| T 6 | 4 52 | 18 9 | 4 42 | 16 29 | 2 40 | 23 16 | 3 24 | 9 14 | 1 17 | 23 6 | 0 23 | 22 50 | 0 22 | 2 27 | 0 47 | 16 7 | 0 15 | 7 59 | 17 29 | 22 27 | 22 29 | 1 44 | 10 31 | 6 35 | | | | | | | | | |
| F 7 | 5 16 | 22 0 | 4 8 | 16 55 | 2 46 | 23 33 | 3 28 | 9 0 | 1 17 | 23 6 | 0 23 | 22 50 | 0 22 | 2 28 | 0 47 | 16 7 | 0 16 | 7 59 | 17 29 | 22 28 | 22 29 | 1 41 | 10 29 | 6 35 | | | | | | | | | |
| S 8 | 5 39 | 24 24 | 3 19 | 17 20 | 2 51 | 23 50 | 3 32 | 8 46 | 1 17 | 23 5 | 0 23 | 22 50 | 0 22 | 2 29 | 0 47 | 16 7 | 0 16 | 8 0 | 17 29 | 22 28 | 22 29 | 1 38 | 10 27 | 6 36 | | | | | | | | | |
| S 9 | 6 2 | 25 18 | 2 21 | 17 43 | 2 55 | 24 6 | 3 36 | 8 32 | 1 17 | 23 5 | 0 23 | 22 50 | 0 21 | 2 29 | 0 47 | 16 7 | 0 16 | 8 0 | 17 29 | 22 29 | 22 30 | 1 35 | 10 25 | 6 36 | | | | | | | | | |
| M10 | 6 24 | 24 44 | 1 17 | 18 5 | 3 0 | 24 21 | 3 39 | 8 18 | 1 17 | 23 4 | 0 23 | 22 50 | 0 21 | 2 30 | 0 47 | 16 7 | 0 16 | 8 0 | 17 29 | 22 29 | 22 30 | 1 32 | 10 23 | 6 37 | | | | | | | | | |
| T 11 | 6 47 | 22 53 | 0 11 | 18 25 | 3 4 | 24 36 | 3 43 | 8 3 | 1 17 | 23 4 | 0 23 | 22 50 | 0 21 | 2 31 | 0 47 | 16 8 | 0 16 | 8 1 | 17 29 | 22 29 | 22 30 | 1 29 | 10 21 | 6 37 | | | | | | | | | |
| W12 | 7 10 | 20 1 | 0n54 | 18 44 | 3 7 | 24 51 | 3 47 | 7 49 | 1 17 | 23 3 | 0 23 | 22 50 | 0 21 | 2 32 | 0 47 | 16 8 | 0 16 | 8 1 | 17 29 | 22 29 | 22 31 | 1 26 | 10 19 | 6 38 | | | | | | | | | |
| T 13 | 7 32 | 16 19 | 1 55 | 19 0 | 3 10 | 25 5 | 3 50 | 7 35 | 1 18 | 23 2 | 0 23 | 22 50 | 0 21 | 2 33 | 0 47 | 16 8 | 0 16 | 8 2 | 17 29 | 22 29 | 22 31 | 1 23 | 10 17 | 6 38 | | | | | | | | | |
| F 14 | 7 55 | 12 2 | 2 50 | 19 15 | 3 12 | 25 18 | 3 53 | 7 21 | 1 18 | 23 2 | 0 23 | 22 50 | 0 21 | 2 34 | 0 47 | 16 8 | 0 16 | 8 2 | 17 29 | 22 30 | 22 32 | 1 20 | 10 16 | 6 39 | | | | | | | | | |
| S 15 | 8 17 | 7 19 | 3 38 | 19 27 | 3 13 | 25 31 | 3 57 | 7 6 | 1 18 | 23 1 | 0 23 | 22 50 | 0 21 | 2 34 | 0 47 | 16 8 | 0 16 | 8 3 | 17 29 | 22 30 | 22 32 | 1 17 | 10 14 | 6 40 | | | | | | | | | |
| S 16 | 8 40 | 2 22 | 4 16 | 19 37 | 3 14 | 25 43 | 4 0 | 6 52 | 1 18 | 23 0 | 0 23 | 22 50 | 0 21 | 2 35 | 0 47 | 16 8 | 0 16 | 8 3 | 17 29 | 22 31 | 22 32 | 1 14 | 10 12 | 6 40 | | | | | | | | | |
| M17 | 9 2 | 2n41 | 4 43 | 19 45 | 3 13 | 25 55 | 4 3 | 6 38 | 1 18 | 23 0 | 0 23 | 22 50 | 0 21 | 2 36 | 0 47 | 16 9 | 0 16 | 8 3 | 17 29 | 22 33 | 22 33 | 1 11 | 10 10 | 6 41 | | | | | | | | | |
| T 18 | 9 24 | 7 40 | 4 57 | 19 49 | 3 12 | 26 6 | 4 6 | 6 23 | 1 18 | 22 59 | 0 23 | 22 50 | 0 20 | 2 37 | 0 47 | 16 9 | 0 16 | 8 4 | 17 29 | 22 34 | 22 33 | 1 8 | 10 9 | 6 41 | | | | | | | | | |
| W19 | 9 46 | 12 25 | 4 59 | 19 51 | 3 10 | 26 17 | 4 8 | 6 9 | 1 18 | 22 58 | 0 23 | 22 49 | 0 20 | 2 38 | 0 47 | 16 9 | 0 16 | 8 4 | 17 29 | 22 36 | 22 33 | 1 5 | 10 7 | 6 42 | | | | | | | | | |
| T 20 | 10 7 | 16 44 | 4 47 | 19 50 | 3 6 | 26 27 | 4 11 | 5 55 | 1 19 | 22 57 | 0 23 | 22 49 | 0 20 | 2 38 | 0 47 | 16 9 | 0 16 | 8 4 | 17 29 | 22 37 | 22 34 | 1 2 | 10 5 | 6 43 | | | | | | | | | |
| F 21 | 10 29 | 20 23 | 4 21 | 19 45 | 3 1 | 26 37 | 4 14 | 5 40 | 1 19 | 22 57 | 0 23 | 22 49 | 0 20 | 2 39 | 0 47 | 16 9 | 0 16 | 8 5 | 17 29 | 22 39 | 22 34 | 0 59 | 10 3 | 6 43 | | | | | | | | | |
| S 22 | 10 50 | 23 8 | 3 42 | 19 37 | 2 55 | 26 46 | 4 16 | 5 26 | 1 19 | 22 56 | 0 23 | 22 49 | 0 20 | 2 40 | 0 47 | 16 9 | 0 16 | 8 5 | 17 29 | 22 40 | 22 34 | 0 56 | 10 2 | 6 44 | | | | | | | | | |
| S 23 | 11 12 | 24 47 | 2 52 | 19 24 | 2 47 | 26 54 | 4 18 | 5 11 | 1 19 | 22 55 | 0 23 | 22 49 | 0 20 | 2 41 | 0 47 | 16 9 | 0 16 | 8 6 | 17 29 | 22 41 | 22 35 | 0 53 | 10 0 | 6 44 | | | | | | | | | |
| M24 | 11 33 | 25 7 | 1 52 | 19 7 | 2 38 | 27 2 | 4 20 | 4 57 | 1 19 | 22 54 | 0 23 | 22 49 | 0 20 | 2 41 | 0 47 | 16 9 | 0 16 | 8 6 | 17 29 | 22 41 | 22 35 | 0 50 | 9 58 | 6 45 | | | | | | | | | |
| T 25 | 11 54 | 24 5 | 0 45 | 18 46 | 2 27 | 27 9 | 4 22 | 4 42 | 1 19 | 22 53 | 0 24 | 22 49 | 0 20 | 2 42 | 0 47 | 16 9 | 0 16 | 8 6 | 17 29 | 22 41 | 22 36 | 0 47 | 9 57 | 6 46 | | | | | | | | | |
| W26 | 12 14 | 21 40 | 0s26 | 18 21 | 2 14 | 27 16 | 4 24 | 4 28 | 1 19 | 22 52 | 0 24 | 22 48 | 0 20 | 2 43 | 0 47 | 16 9 | 0 16 | 8 7 | 17 29 | 22 41 | 22 36 | 0 44 | 9 55 | 6 46 | | | | | | | | | |
| T 27 | 12 35 | 17 59 | 1 36 | 17 51 | 1 59 | 27 22 | 4 26 | 4 13 | 1 19 | 22 51 | 0 24 | 22 48 | 0 19 | 2 43 | 0 47 | 16 9 | 0 16 | 8 7 | 17 29 | 22 41 | 22 36 | 0 41 | 9 54 | 6 47 | | | | | | | | | |
| F 28 | 12 55 | 13 14 | 2 43 | 17 16 | 1 43 | 27 28 | 4 27 | 3 59 | 1 19 | 22 50 | 0 24 | 22 48 | 0 19 | 2 44 | 0 47 | 16 9 | 0 16 | 8 7 | 17 28 | 22 41 | 22 37 | 0 38 | 9 52 | 6 48 | | | | | | | | | |
| S 29 | 13 16 | 7 41 | 3 41 | 16 38 | 1 25 | 27 33 | 4 28 | 3 44 | 1 20 | 22 49 | 0 24 | 22 48 | 0 19 | 2 45 | 0 47 | 16 9 | 0 16 | 8 7 | 17 28 | 22 42 | 22 37 | 0 35 | 9 51 | 6 48 | | | | | | | | | |
| S 30 | 13 35 | 1 37 | 4 26 | 15 57 | 1 6 | 27 37 | 4 29 | 3 29 | 1 20 | 22 48 | 0 24 | 22 48 | 0 19 | 2 45 | 0 47 | 16 9 | 0 16 | 8 8 | 17 28 | 22 42 | 22 37 | 0 33 | 9 49 | 6 49 | | | | | | | | | |
| M31 | 13s55 | 4s36 | 4s54 | 15s14 | 0s46 | 27s41 | 4s30 | 3n15 | 1n20 | 22s47 | 0s24 | 22s47 | 0n19 | 2s46 | 0s47 | 16s 9 | 0s16 | 8s 8 | 17s28 | 22s43 | 22s38 | 0s30 | 9n47 | 6s49 | | | | | | | | | |

ASTRODIENST EPHEMERIS for the year 1842
geocentric

NOVEMBER 1842

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|---------|----------|-------|-------|-------|-------|-------|-------|--------|-------|--------|--------|-------|-------|--------|------|
| T 1 | 2 39 29 | 8♍10'44 | 15♊ 8 | 7°R41 | 22♊27 | 25♎31 | 17♊ 0 | 9♊46 | 24°R49 | 16♊30 | 20°R37 | 13°R56 | 14♊50 | 18♊11 | 15♊ 8 | T 1 |
| W 2 | 2 43 26 | 9°10'52 | 29°58 | 6♍25 | 23°12 | 26° 8 | 17° 9 | 9°51 | 24♊48 | 16°30 | 20°Y36 | 13♊45 | 14°47 | 18°17 | 15°11 | W 2 |
| T 3 | 2 47 22 | 10°11'03 | 14♍38 | 5°12 | 23°56 | 26°45 | 17°18 | 9°55 | 24°46 | 16°30 | 20°35 | 13°35 | 14°44 | 18°24 | 15°14 | T 3 |
| F 4 | 2 51 19 | 11°11'14 | 28°59 | 4° 4 | 24°39 | 27°22 | 17°27 | 10° 0 | 24°45 | 16°30 | 20°34 | 13°27 | 14°41 | 18°31 | 15°17 | F 4 |
| S 5 | 2 55 15 | 12°11'28 | 12♊56 | 3° 5 | 25°21 | 27°58 | 17°37 | 10° 5 | 24°44 | 16°30 | 20°33 | 13°20 | 14°38 | 18°37 | 15°19 | S 5 |
| S 6 | 2 59 12 | 13°11'43 | 26°27 | 2°16 | 26° 1 | 28°35 | 17°46 | 10° 9 | 24°42 | 16°30 | 20°32 | 13°17 | 14°34 | 18°44 | 15°22 | S 6 |
| M 7 | 3 3 8 | 14°12'00 | 9♊32 | 1°38 | 26°41 | 29°12 | 17°56 | 10°14 | 24°41 | 16°31 | 20°31 | 13°D15 | 14°31 | 18°51 | 15°24 | M 7 |
| T 8 | 3 7 5 | 15°12'19 | 22°12 | 1°11 | 27°20 | 29°49 | 18° 5 | 10°19 | 24°40 | 16°31 | 20°30 | 13°15 | 14°28 | 18°58 | 15°27 | T 8 |
| W 9 | 3 11 2 | 16°12'38 | 4♊33 | 0°55 | 27°57 | 0♊25 | 18°15 | 10°24 | 24°38 | 16°31 | 20°29 | 13°16 | 14°25 | 19° 4 | 15°29 | W 9 |
| T 10 | 3 14 58 | 17°13'00 | 16°39 | 0°D51 | 28°33 | 1° 2 | 18°25 | 10°29 | 24°37 | 16°32 | 20°28 | 13°R17 | 14°22 | 19°11 | 15°31 | T 10 |
| F 11 | 3 18 55 | 18°13'22 | 28°34 | 0°59 | 29° 8 | 1°39 | 18°35 | 10°35 | 24°36 | 16°32 | 20°27 | 13°16 | 14°19 | 19°18 | 15°33 | F 11 |
| S 12 | 3 22 51 | 19°13'46 | 10♊25 | 1°16 | 29°41 | 2°15 | 18°45 | 10°40 | 24°35 | 16°33 | 20°26 | 13°14 | 14°15 | 19°24 | 15°35 | S 12 |
| S 13 | 3 26 48 | 20°14'11 | 22°17 | 1°44 | 0♊13 | 2°52 | 18°56 | 10°45 | 24°34 | 16°33 | 20°25 | 13° 9 | 14°12 | 19°31 | 15°36 | S 13 |
| M14 | 3 30 44 | 21°14'38 | 4°Y12 | 2°20 | 0°43 | 3°29 | 19° 6 | 10°50 | 24°33 | 16°34 | 20°24 | 13° 2 | 14° 9 | 19°38 | 15°38 | M14 |
| T 15 | 3 34 41 | 22°15'06 | 16°16 | 3° 4 | 1°12 | 4° 5 | 19°17 | 10°56 | 24°32 | 16°34 | 20°23 | 12°53 | 14° 6 | 19°44 | 15°40 | T 15 |
| W16 | 3 38 37 | 23°15'36 | 28°30 | 3°55 | 1°39 | 4°42 | 19°27 | 11° 1 | 24°31 | 16°35 | 20°22 | 12°43 | 14° 3 | 19°51 | 15°41 | W16 |
| T 17 | 3 42 34 | 24°16'07 | 10♊56 | 4°52 | 2° 5 | 5°18 | 19°38 | 11° 7 | 24°30 | 16°36 | 20°21 | 12°34 | 13°59 | 19°58 | 15°42 | T 17 |
| F 18 | 3 46 31 | 25°16'39 | 23°34 | 5°54 | 2°28 | 5°55 | 19°49 | 11°12 | 24°29 | 16°36 | 20°20 | 12°25 | 13°56 | 20° 5 | 15°44 | F 18 |
| S 19 | 3 50 27 | 26°17'13 | 6♊25 | 7° 1 | 2°50 | 6°31 | 20° 0 | 11°18 | 24°29 | 16°37 | 20°19 | 12°18 | 13°53 | 20°11 | 15°45 | S 19 |
| S 20 | 3 54 24 | 27°17'49 | 19°28 | 8°12 | 3°10 | 7° 7 | 20°11 | 11°24 | 24°28 | 16°38 | 20°18 | 12°14 | 13°50 | 20°18 | 15°46 | S 20 |
| M21 | 3 58 20 | 28°18'26 | 2♊43 | 9°27 | 3°28 | 7°44 | 20°22 | 11°30 | 24°27 | 16°38 | 20°18 | 12°11 | 13°47 | 20°25 | 15°47 | M21 |
| T 22 | 4 2 17 | 29°19'05 | 16° 8 | 10°44 | 3°44 | 8°20 | 20°33 | 11°35 | 24°27 | 16°39 | 20°17 | 12°D11 | 13°44 | 20°31 | 15°48 | T 22 |
| W23 | 4 6 13 | 0♊19'46 | 29°44 | 12° 4 | 3°58 | 8°57 | 20°44 | 11°41 | 24°26 | 16°40 | 20°16 | 12°12 | 13°40 | 20°38 | 15°48 | W23 |
| T 24 | 4 10 10 | 1°20'28 | 13♊31 | 13°26 | 4°10 | 9°33 | 20°56 | 11°47 | 24°25 | 16°41 | 20°15 | 12°13 | 13°37 | 20°45 | 15°49 | T 24 |
| F 25 | 4 14 6 | 2°21'11 | 27°28 | 14°50 | 4°19 | 10° 9 | 21° 7 | 11°53 | 24°25 | 16°42 | 20°14 | 12°R15 | 13°34 | 20°52 | 15°49 | F 25 |
| S 26 | 4 18 3 | 3°21'56 | 11♎35 | 16°15 | 4°27 | 10°45 | 21°19 | 11°59 | 24°24 | 16°43 | 20°13 | 12°14 | 13°31 | 20°58 | 15°50 | S 26 |
| S 27 | 4 22 0 | 4°22'43 | 25°50 | 17°42 | 4°32 | 11°22 | 21°30 | 12° 5 | 24°24 | 16°44 | 20°13 | 12°12 | 13°28 | 21° 5 | 15°50 | S 27 |
| M28 | 4 25 56 | 5°23'31 | 10♊12 | 19°10 | 4°35 | 11°58 | 21°42 | 12°11 | 24°24 | 16°45 | 20°12 | 12° 9 | 13°25 | 21°12 | 15°50 | M28 |
| T 29 | 4 29 53 | 6°24'21 | 24°36 | 20°38 | 4°R35 | 12°34 | 21°54 | 12°17 | 24°23 | 16°46 | 20°11 | 12° 4 | 13°21 | 21°18 | 15°R50 | T 29 |
| W30 | 4 33 49 | 7♊25'12 | 8♍57 | 22♎ 8 | 4♊33 | 13♊10 | 22♊ 6 | 12♊24 | 24♊23 | 16♊47 | 20°Y10 | 11♊58 | 13♊18 | 21♊25 | 15♊50 | W30 |

| 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 | 14s15 | 10s37 | 5s 3 | 14s29 | 0s25 | 27s45 | 4s31 | 3n 0 | 1n20 | 22s46 | 0s24 | 22s47 | 0n19 | 2s46 | 0s47 | 16s 9 | 0s16 | 8s 8 | 17s28 | 22s44 | 22s38 | 0s27 | 9n46 | 6s50 | | | |
| W 2 | 14 34 | 16 0 | 4 51 | 13 44 | 0 4 | 27 48 | 4 31 | 2 46 | 1 20 | 22 45 | 0 24 | 22 47 | 0 19 | 2 47 | 0 47 | 16 9 | 0 16 | 8 9 | 17 28 | 22 45 | 22 38 | 0 24 | 9 45 | 6 51 | | | |
| T 3 | 14 53 | 20 23 | 4 20 | 13 1 | 0n16 | 27 50 | 4 31 | 2 31 | 1 20 | 22 44 | 0 24 | 22 47 | 0 19 | 2 48 | 0 47 | 16 9 | 0 16 | 8 9 | 17 28 | 22 46 | 22 39 | 0 21 | 9 43 | 6 51 | | | |
| F 4 | 15 12 | 23 25 | 3 33 | 12 20 | 0 36 | 27 52 | 4 31 | 2 17 | 1 20 | 22 43 | 0 24 | 22 46 | 0 19 | 2 48 | 0 47 | 16 9 | 0 16 | 8 9 | 17 28 | 22 47 | 22 39 | 0 18 | 9 42 | 6 52 | | | |
| S 5 | 15 31 | 24 55 | 2 34 | 11 43 | 0 54 | 27 54 | 4 31 | 2 2 | 1 20 | 22 42 | 0 24 | 22 46 | 0 19 | 2 49 | 0 47 | 16 9 | 0 16 | 8 9 | 17 27 | 22 47 | 22 39 | 0 15 | 9 40 | 6 53 | | | |
| S 6 | 15 49 | 24 53 | 1 29 | 11 10 | 1 11 | 27 54 | 4 31 | 1 47 | 1 20 | 22 41 | 0 24 | 22 46 | 0 18 | 2 49 | 0 47 | 16 9 | 0 16 | 8 10 | 17 27 | 22 48 | 22 40 | 0 12 | 9 39 | 6 53 | | | |
| M 7 | 16 7 | 23 27 | 0 20 | 10 42 | 1 26 | 27 55 | 4 30 | 1 33 | 1 20 | 22 39 | 0 24 | 22 46 | 0 18 | 2 50 | 0 47 | 16 9 | 0 16 | 8 10 | 17 27 | 22 48 | 22 40 | 0 9 | 9 38 | 6 54 | | | |
| T 8 | 16 25 | 20 51 | 0n48 | 10 20 | 1 39 | 27 55 | 4 29 | 1 18 | 1 20 | 22 38 | 0 24 | 22 45 | 0 18 | 2 50 | 0 47 | 16 9 | 0 16 | 8 10 | 17 27 | 22 48 | 22 40 | 0 6 | 9 36 | 6 55 | | | |
| W 9 | 16 42 | 17 20 | 1 52 | 10 4 | 1 51 | 27 54 | 4 27 | 1 4 | 1 21 | 22 37 | 0 24 | 22 45 | 0 18 | 2 51 | 0 47 | 16 9 | 0 16 | 8 10 | 17 27 | 22 48 | 22 41 | 0 3 | 9 35 | 6 55 | | | |
| T 10 | 16 59 | 13 10 | 2 49 | 9 54 | 2 0 | 27 53 | 4 26 | 0 49 | 1 21 | 22 35 | 0 24 | 22 45 | 0 18 | 2 51 | 0 46 | 16 9 | 0 16 | 8 11 | 17 27 | 22 48 | 22 41 | 0n 0 | 9 34 | 6 56 | | | |
| F 11 | 17 16 | 8 34 | 3 38 | 9 50 | 2 8 | 27 51 | 4 24 | 0 35 | 1 21 | 22 34 | 0 24 | 22 44 | 0 18 | 2 51 | 0 46 | 16 8 | 0 16 | 8 11 | 17 26 | 22 48 | 22 41 | 0 3 | 9 33 | 6 57 | | | |
| S 12 | 17 33 | 3 41 | 4 18 | 9 50 | 2 14 | 27 49 | 4 22 | 0 20 | 1 21 | 22 33 | 0 24 | 22 44 | 0 18 | 2 52 | 0 46 | 16 8 | 0 16 | 8 11 | 17 26 | 22 48 | 22 42 | 0 6 | 9 31 | 6 58 | | | |
| S 13 | 17 49 | 1n19 | 4 46 | 9 55 | 2 18 | 27 47 | 4 19 | 0 6 | 1 21 | 22 31 | 0 24 | 22 44 | 0 18 | 2 52 | 0 46 | 16 8 | 0 16 | 8 11 | 17 26 | 22 49 | 22 42 | 0 9 | 9 30 | 6 58 | | | |
| M14 | 18 5 | 6 18 | 5 3 | 10 5 | 2 21 | 27 44 | 4 16 | 0s 9 | 1 21 | 22 30 | 0 24 | 22 43 | 0 18 | 2 53 | 0 46 | 16 8 | 0 16 | 8 11 | 17 26 | 22 49 | 22 42 | 0 12 | 9 29 | 6 59 | | | |
| T 15 | 18 21 | 11 6 | 5 6 | 10 19 | 2 22 | 27 40 | 4 13 | 0 23 | 1 21 | 22 29 | 0 24 | 22 43 | 0 18 | 2 53 | 0 46 | 16 8 | 0 16 | 8 11 | 17 26 | 22 50 | 22 43 | 0 15 | 9 28 | 7 0 | | | |
| W16 | 18 36 | 15 32 | 4 55 | 10 36 | 2 23 | 27 37 | 4 10 | 0 38 | 1 21 | 22 27 | 0 24 | 22 43 | 0 17 | 2 53 | 0 46 | 16 8 | 0 16 | 8 12 | 17 25 | 22 51 | 22 43 | 0 18 | 9 27 | 7 0 | | | |
| T 17 | 18 51 | 19 23 | 4 30 | 10 56 | 2 22 | 27 32 | 4 6 | 0 52 | 1 21 | 22 26 | 0 24 | 22 42 | 0 17 | 2 54 | 0 46 | 16 8 | 0 16 | 8 12 | 17 25 | 22 52 | 22 43 | 0 21 | 9 26 | 7 1 | | | |
| F 18 | 19 6 | 22 25 | 3 52 | 11 18 | 2 20 | 27 28 | 4 1 | 1 6 | 1 21 | 22 24 | 0 25 | 22 42 | 0 17 | 2 54 | 0 46 | 16 7 | 0 16 | 8 12 | 17 25 | 22 53 | 22 44 | 0 24 | 9 25 | 7 2 | | | |
| S 19 | 19 20 | 24 22 | 3 1 | 11 42 | 2 17 | 27 22 | 3 57 | 1 21 | 1 21 | 22 22 | 0 25 | 22 42 | 0 17 | 2 54 | 0 46 | 16 7 | 0 16 | 8 12 | 17 25 | 22 53 | 22 44 | 0 27 | 9 24 | 7 2 | | | |
| S 20 | 19 34 | 25 2 | 2 0 | 12 8 | 2 14 | 27 17 | 3 51 | 1 35 | 1 21 | 22 21 | 0 25 | 22 41 | 0 17 | 2 54 | 0 46 | 16 7 | 0 16 | 8 12 | 17 25 | 22 54 | 22 44 | 0 30 | 9 23 | 7 3 | | | |
| M21 | 19 48 | 24 17 | 0 51 | 12 36 | 2 10 | 27 11 | 3 46 | 1 50 | 1 21 | 22 19 | 0 25 | 22 41 | 0 17 | 2 55 | 0 46 | 16 7 | 0 16 | 8 12 | 17 24 | 22 54 | 22 45 | 0 33 | 9 22 | 7 4 | | | |
| T 22 | 20 1 | 22 8 | 0s21 | 13 5 | 2 5 | 27 4 | 3 40 | 2 4 | 1 21 | 22 18 | 0 25 | 22 40 | 0 17 | 2 55 | 0 46 | 16 6 | 0 16 | 8 12 | 17 24 | 22 54 | 22 45 | 0 36 | 9 21 | 7 4 | | | |
| W23 | 20 14 | 18 42 | 1 34 | 13 34 | 2 0 | 26 57 | 3 34 | 2 18 | 1 21 | 22 16 | 0 25 | 22 40 | 0 17 | 2 55 | 0 46 | 16 6 | 0 16 | 8 12 | 17 24 | 22 54 | 22 45 | 0 39 | 9 20 | 7 5 | | | |
| T 24 | 20 27 | 14 12 | 2 42 | 14 4 | 1 55 | 26 50 | 3 27 | 2 32 | 1 21 | 22 14 | 0 25 | 22 40 | 0 17 | 2 55 | 0 46 | 16 6 | 0 16 | 8 12 | 17 24 | 22 54 | 22 46 | 0 41 | 9 19 | 7 6 | | | |
| F 25 | 20 39 | 8 54 | 3 41 | 14 34 | 1 49 | 26 43 | 3 19 | 2 47 | 1 21 | 22 13 | 0 25 | 22 39 | 0 17 | 2 55 | 0 46 | 16 6 | 0 16 | 8 12 | 17 23 | 22 54 | 22 46 | 0 44 | 9 19 | 7 7 | | | |
| S 26 | 20 51 | 3 6 | 4 28 | 15 5 | 1 43 | 26 34 | 3 11 | 3 1 | 1 21 | 22 11 | 0 25 | 22 39 | 0 17 | 2 56 | 0 46 | 16 5 | 0 16 | 8 12 | 17 23 | 22 54 | 22 46 | 0 47 | 9 18 | 7 7 | | | |
| S 27 | 21 2 | 2s54 | 4 58 | 15 35 | 1 36 | 26 26 | 3 3 | 3 15 | 1 22 | 22 9 | 0 25 | 22 38 | 0 16 | 2 56 | 0 46 | 16 5 | 0 16 | 8 13 | 17 23 | 22 54 | 22 47 | 0 50 | 9 17 | 7 8 | | | |
| M28 | 21 13 | 8 48 | 5 11 | 16 6 | 1 30 | 26 17 | 2 54 | 3 29 | 1 22 | 22 7 | 0 25 | 22 38 | 0 16 | 2 56 | 0 46 | 16 5 | 0 16 | 8 13 | 17 23 | 22 54 | 22 47 | 0 53 | 9 16 | 7 9 | | | |
| T 29 | 21 24 | 14 14 | 5 3 | 16 36 | 1 23 | 26 8 | 2 45 | 3 43 | 1 22 | 22 5 | 0 25 | 22 37 | 0 16 | 2 56 | 0 46 | 16 5 | 0 16 | 8 13 | 17 22 | 22 55 | 22 47 | 0 56 | 9 16 | 7 9 | | | |
| W30 | 21s34 | 18s52 | 4s37 | 17s 6 | 1n16 | 25s58 | 2s35 | 3s57 | 1n22 | 22s 4 | 0s25 | 22s37 | 0n16 | 2s56 | 0s46 | 16s 4 | 0s16 | 8s13 | 17s22 | 22s55 | 22s48 | 0n59 | 9n15 | 7s10 | | | |

ASTRODIENST EPHEMERIS for the year 1842
geocentric

DECEMBER 1842

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|---------|----------|-------|-------|-------|-------|-------|-------|--------|-------|--------|--------|-------|-------|--------|------|
| T 1 | 4 37 46 | 8°26'05 | 23°11 | 23°38 | 4°R28 | 13°46 | 22°18 | 12°30 | 24°R23 | 16°48 | 20°R10 | 11°R53 | 13°15 | 21°32 | 15°R50 | T 1 |
| F 2 | 4 41 42 | 9°26'59 | 7°11 | 25° 8 | 4°22 | 14°22 | 22°30 | 12°36 | 24°R23 | 16°49 | 20°R 9 | 11°R48 | 13°12 | 21°39 | 15°R50 | F 2 |
| S 3 | 4 45 39 | 10°27'54 | 20°53 | 26°39 | 4°12 | 14°58 | 22°42 | 12°43 | 24°23 | 16°50 | 20° 8 | 11°45 | 13° 9 | 21°45 | 15°49 | S 3 |
| S 4 | 4 49 35 | 11°28'50 | 4°15 | 28°11 | 4° 0 | 15°34 | 22°54 | 12°49 | 24°D23 | 16°51 | 20° 8 | 11°43 | 13° 5 | 21°52 | 15°49 | S 4 |
| M 5 | 4 53 32 | 12°29'47 | 17°16 | 29°42 | 3°46 | 16°10 | 23° 7 | 12°55 | 24°23 | 16°52 | 20° 7 | 11°D43 | 13° 2 | 21°59 | 15°48 | M 5 |
| T 6 | 4 57 29 | 13°30'45 | 29°57 | 1°14 | 3°29 | 16°46 | 23°19 | 13° 2 | 24°23 | 16°54 | 20° 6 | 11°44 | 12°59 | 22° 5 | 15°48 | T 6 |
| W 7 | 5 1 25 | 14°31'43 | 12°19 | 2°46 | 3°10 | 17°22 | 23°32 | 13° 8 | 24°23 | 16°55 | 20° 6 | 11°46 | 12°56 | 22°12 | 15°47 | W 7 |
| T 8 | 5 5 22 | 15°32'42 | 24°27 | 4°18 | 2°49 | 17°58 | 23°44 | 13°15 | 24°23 | 16°56 | 20° 5 | 11°48 | 12°53 | 22°19 | 15°46 | T 8 |
| F 9 | 5 9 18 | 16°33'42 | 6°25 | 5°51 | 2°25 | 18°33 | 23°57 | 13°21 | 24°23 | 16°57 | 20° 5 | 11°49 | 12°50 | 22°26 | 15°45 | F 9 |
| S 10 | 5 13 15 | 17°34'42 | 18°18 | 7°23 | 1°59 | 19° 9 | 24° 9 | 13°28 | 24°24 | 16°59 | 20° 4 | 11°R50 | 12°46 | 22°32 | 15°44 | S 10 |
| S 11 | 5 17 11 | 18°35'43 | 0°10 | 8°56 | 1°31 | 19°45 | 24°22 | 13°35 | 24°24 | 17° 0 | 20° 3 | 11°49 | 12°43 | 22°39 | 15°43 | S 11 |
| M12 | 5 21 8 | 19°36'44 | 12° 6 | 10°29 | 1° 2 | 20°20 | 24°35 | 13°41 | 24°24 | 17° 2 | 20° 3 | 11°47 | 12°40 | 22°46 | 15°41 | M12 |
| T 13 | 5 25 4 | 20°37'46 | 24°12 | 12° 2 | 0°31 | 20°56 | 24°48 | 13°48 | 24°25 | 17° 3 | 20° 2 | 11°45 | 12°37 | 22°52 | 15°40 | T 13 |
| W14 | 5 29 1 | 21°38'49 | 6°30 | 13°35 | 29°58 | 21°32 | 25° 1 | 13°55 | 24°25 | 17° 5 | 20° 2 | 11°42 | 12°34 | 22°59 | 15°38 | W14 |
| T 15 | 5 32 58 | 22°39'52 | 19° 3 | 15° 8 | 29°24 | 22° 7 | 25°14 | 14° 1 | 24°26 | 17° 6 | 20° 2 | 11°38 | 12°31 | 23° 6 | 15°37 | T 15 |
| F 16 | 5 36 54 | 23°40'55 | 1°15 | 16°42 | 28°49 | 22°42 | 25°27 | 14° 8 | 24°26 | 17° 8 | 20° 1 | 11°35 | 12°27 | 23°13 | 15°35 | F 16 |
| S 17 | 5 40 51 | 24°41'59 | 15° 1 | 18°15 | 28°13 | 23°18 | 25°40 | 14°15 | 24°27 | 17° 9 | 20° 1 | 11°33 | 12°24 | 23°19 | 15°33 | S 17 |
| S 18 | 5 44 47 | 25°43'04 | 28°26 | 19°49 | 27°37 | 23°53 | 25°53 | 14°22 | 24°28 | 17°11 | 20° 0 | 11°32 | 12°21 | 23°26 | 15°31 | S 18 |
| M19 | 5 48 44 | 26°44'09 | 12°28 | 21°22 | 27° 0 | 24°29 | 26° 6 | 14°29 | 24°29 | 17°12 | 20° 0 | 11°D32 | 12°18 | 23°33 | 15°29 | M19 |
| T 20 | 5 52 40 | 27°45'15 | 26° 0 | 22°56 | 26°24 | 25° 4 | 26°20 | 14°36 | 24°29 | 17°14 | 20° 0 | 11°32 | 12°15 | 23°39 | 15°27 | T 20 |
| W21 | 5 56 37 | 28°46'21 | 10°13 | 24°31 | 25°47 | 25°39 | 26°33 | 14°43 | 24°30 | 17°15 | 19°59 | 11°33 | 12°11 | 23°46 | 15°25 | W21 |
| T 22 | 6 0 34 | 29°47'28 | 24°12 | 26° 5 | 25°11 | 26°14 | 26°46 | 14°49 | 24°31 | 17°17 | 19°59 | 11°34 | 12° 8 | 23°53 | 15°22 | T 22 |
| F 23 | 6 4 30 | 0°48'36 | 8°12 | 27°39 | 24°36 | 26°49 | 27° 0 | 14°56 | 24°32 | 17°19 | 19°59 | 11°35 | 12° 5 | 24° 0 | 15°20 | F 23 |
| S 24 | 6 8 27 | 1°49'44 | 22°37 | 29°14 | 24° 2 | 27°25 | 27°13 | 15° 3 | 24°33 | 17°21 | 19°58 | 11°35 | 12° 2 | 24° 6 | 15°17 | S 24 |
| S 25 | 6 12 23 | 2°50'52 | 6°49 | 0°34 | 23°29 | 28° 0 | 27°27 | 15°10 | 24°34 | 17°22 | 19°58 | 11°R36 | 11°59 | 24°13 | 15°15 | S 25 |
| M26 | 6 16 20 | 3°52'02 | 20°56 | 2°25 | 22°58 | 28°35 | 27°40 | 15°17 | 24°35 | 17°24 | 19°58 | 11°35 | 11°56 | 24°20 | 15°12 | M26 |
| T 27 | 6 20 16 | 4°53'12 | 4°15 | 4° 0 | 22°28 | 29°10 | 27°54 | 15°24 | 24°36 | 17°26 | 19°58 | 11°35 | 11°52 | 24°27 | 15° 9 | T 27 |
| W28 | 6 24 13 | 5°54'22 | 18°51 | 5°36 | 22° 0 | 29°44 | 28° 7 | 15°31 | 24°37 | 17°28 | 19°58 | 11°34 | 11°49 | 24°33 | 15° 6 | W28 |
| T 29 | 6 28 9 | 6°55'33 | 2°34 | 7°12 | 21°33 | 0°19 | 28°21 | 15°38 | 24°39 | 17°29 | 19°58 | 11°33 | 11°46 | 24°40 | 15° 3 | T 29 |
| F 30 | 6 32 6 | 7°56'45 | 16° 6 | 8°49 | 21° 9 | 0°54 | 28°35 | 15°45 | 24°40 | 17°31 | 19°57 | 11°33 | 11°43 | 24°47 | 15° 0 | F 30 |
| S 31 | 6 36 3 | 8°57'56 | 29°24 | 10°26 | 20°48 | 1°12 | 28°39 | 15°53 | 24°41 | 17°33 | 19°57 | 11°33 | 11°40 | 24°53 | 14°57 | S 31 |

| Day | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|------|------|-------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | lat |
| T 1 | 21s44 | 22s21 | 3s54 | 17s35 | 1n 9 | 25s48 | 2s25 | 4s11 | 1n22 | 22s 2 | 0s25 | 22s36 | 0n16 | 2s56 | 0s46 | 16s 4 |
| F 2 | 21 53 | 24 27 | 2 57 | 18 4 | 1 2 | 25 37 | 2 14 | 4 25 | 1 22 | 22 0 | 0 25 | 22 36 | 0 16 | 2 56 | 0 46 | 16 4 |
| S 3 | 22 2 | 25 0 | 1 51 | 18 32 | 0 55 | 25 26 | 2 2 | 4 39 | 1 22 | 21 58 | 0 25 | 22 35 | 0 16 | 2 56 | 0 46 | 16 3 |
| S 4 | 22 11 | 24 4 | 0 41 | 19 0 | 0 47 | 25 14 | 1 50 | 4 53 | 1 22 | 21 56 | 0 25 | 22 35 | 0 16 | 2 56 | 0 46 | 16 3 |
| M 5 | 22 19 | 21 50 | 0n30 | 19 27 | 0 40 | 25 2 | 1 38 | 5 7 | 1 22 | 21 54 | 0 25 | 22 34 | 0 16 | 2 56 | 0 46 | 16 2 |
| T 6 | 22 26 | 18 35 | 1 38 | 19 53 | 0 33 | 24 50 | 1 25 | 5 20 | 1 22 | 21 52 | 0 25 | 22 34 | 0 16 | 2 56 | 0 45 | 16 2 |
| W 7 | 22 34 | 14 33 | 2 40 | 20 19 | 0 26 | 24 37 | 1 12 | 5 34 | 1 22 | 21 50 | 0 25 | 22 33 | 0 16 | 2 56 | 0 45 | 16 2 |
| T 8 | 22 41 | 10 1 | 3 33 | 20 43 | 0 19 | 24 24 | 0 58 | 5 48 | 1 22 | 21 47 | 0 25 | 22 33 | 0 16 | 2 56 | 0 45 | 16 1 |
| F 9 | 22 47 | 5 11 | 4 17 | 21 7 | 0 11 | 24 10 | 0 44 | 6 1 | 1 22 | 21 45 | 0 26 | 22 32 | 0 15 | 2 55 | 0 45 | 16 1 |
| S 10 | 22 53 | 0 12 | 4 49 | 21 29 | 0 4 | 23 56 | 0 29 | 6 15 | 1 22 | 21 43 | 0 26 | 22 31 | 0 15 | 2 55 | 0 45 | 16 1 |
| S 11 | 22 58 | 4n47 | 5 8 | 21 51 | 0s 3 | 23 42 | 0 14 | 6 28 | 1 22 | 21 41 | 0 26 | 22 31 | 0 15 | 2 55 | 0 45 | 16 0 |
| M12 | 23 3 | 9 37 | 5 15 | 22 12 | 0 10 | 23 27 | 0n 1 | 6 42 | 1 22 | 21 39 | 0 26 | 22 30 | 0 15 | 2 55 | 0 45 | 16 0 |
| T 13 | 23 8 | 14 9 | 5 7 | 22 31 | 0 16 | 23 12 | 0 16 | 6 55 | 1 22 | 21 37 | 0 26 | 22 30 | 0 15 | 2 55 | 0 45 | 15 59 |
| W14 | 23 12 | 18 11 | 4 46 | 22 50 | 0 23 | 22 56 | 0 32 | 7 8 | 1 22 | 21 34 | 0 26 | 22 29 | 0 15 | 2 55 | 0 45 | 15 59 |
| T 15 | 23 15 | 21 30 | 4 10 | 23 7 | 0 30 | 22 40 | 0 47 | 7 22 | 1 21 | 21 32 | 0 26 | 22 28 | 0 15 | 2 54 | 0 45 | 15 58 |
| F 16 | 23 19 | 23 51 | 3 22 | 23 24 | 0 36 | 22 24 | 1 3 | 7 35 | 1 21 | 21 30 | 0 26 | 22 28 | 0 15 | 2 54 | 0 45 | 15 58 |
| S 17 | 23 23 | 24 57 | 2 21 | 23 39 | 0 42 | 22 8 | 1 18 | 7 48 | 1 21 | 21 27 | 0 26 | 22 27 | 0 15 | 2 54 | 0 45 | 15 57 |
| S 18 | 23 23 | 24 39 | 1 12 | 23 53 | 0 49 | 21 52 | 1 34 | 8 1 | 1 21 | 21 25 | 0 26 | 22 26 | 0 15 | 2 53 | 0 45 | 15 57 |
| M19 | 23 25 | 22 51 | 0s 3 | 24 5 | 0 55 | 21 36 | 1 49 | 8 14 | 1 21 | 21 22 | 0 26 | 22 26 | 0 15 | 2 53 | 0 45 | 15 57 |
| T 20 | 23 26 | 19 40 | 1 19 | 24 17 | 1 1 | 21 20 | 2 5 | 8 27 | 1 21 | 21 20 | 0 26 | 22 25 | 0 15 | 2 53 | 0 45 | 15 56 |
| W21 | 23 27 | 15 19 | 2 31 | 24 27 | 1 6 | 21 4 | 2 20 | 8 40 | 1 21 | 21 18 | 0 26 | 22 24 | 0 15 | 2 52 | 0 45 | 15 56 |
| T 22 | 23 28 | 10 5 | 3 35 | 24 36 | 1 12 | 20 48 | 2 34 | 8 53 | 1 21 | 21 15 | 0 26 | 22 24 | 0 14 | 2 52 | 0 45 | 15 55 |
| F 23 | 23 27 | 4 19 | 4 25 | 24 43 | 1 17 | 20 33 | 2 48 | 9 5 | 1 21 | 21 13 | 0 26 | 22 23 | 0 14 | 2 52 | 0 45 | 15 55 |
| S 24 | 23 27 | 1s40 | 5 0 | 24 50 | 1 22 | 20 18 | 3 2 | 9 18 | 1 21 | 21 10 | 0 26 | 22 22 | 0 14 | 2 51 | 0 45 | 15 54 |
| S 25 | 23 26 | 7 32 | 5 16 | 24 54 | 1 27 | 20 3 | 3 15 | 9 31 | 1 21 | 21 7 | 0 26 | 22 22 | 0 14 | 2 51 | 0 45 | 15 53 |
| M26 | 23 24 | 13 0 | 5 13 | 24 58 | 1 32 | 19 48 | 3 28 | 9 43 | 1 21 | 21 5 | 0 27 | 22 21 | 0 14 | 2 50 | 0 45 | 15 53 |
| T 27 | 23 22 | 17 45 | 4 51 | 25 0 | 1 36 | 19 35 | 3 40 | 9 56 | 1 21 | 21 2 | 0 27 | 22 20 | 0 14 | 2 50 | 0 45 | 15 52 |
| W28 | 23 20 | 21 29 | 4 12 | 25 1 | 1 40 | 19 22 | 3 52 | 10 8 | 1 21 | 20 59 | 0 27 | 22 19 | 0 14 | 2 49 | 0 45 | 15 52 |
| T 29 | 23 17 | 23 57 | 3 20 | 25 0 | 1 44 | 19 9 | 4 3 | 10 20 | 1 21 | 20 57 | 0 27 | 22 19 | 0 14 | 2 49 | 0 45 | 15 51 |
| F 30 | 23 13 | 25 0 | 2 17 | 24 58 | 1 48 | 18 57 | 4 13 | 10 32 | 1 20 | 20 54 | 0 27 | 22 18 | 0 14 | 2 48 | 0 44 | 15 51 |
| S 31 | 23s 9 | 24s34 | 1s 7 | 24s54 | 1s51 | 18s46 | 4n23 | 10s45 | 1n20 | 20s51 | 0s27 | 22s17 | 0n14 | 2s48 | 0s44 | 15s50 |

Julian Day Number = 2394170.5, Delta T = 7.70 sec
Ecliptic obliquity = 23°27'37", Nutation = 0°00'15", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°32'48", Lahiri = 21°39'49"