



Astrodienst Ephemeris Tables for the year 1799

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 1799
geocentric

JANUARY 1799

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|---------|----------|-------|--------|-------|-------|--------|--------|--------|-------|------|--------|-------|------|------|------|
| T 1 | 6 42 33 | 10♂40'16 | 5♂18 | 28♂14 | 11♂1 | 10♂26 | 16♂R31 | 23♂R46 | 22♂R20 | 14♂30 | 0♂6 | 24♂5 | 22♂34 | 4♂54 | 6♂50 | T 1 |
| W 2 | 6 46 29 | 11°41'27 | 19°14 | 28°R23 | 12°16 | 11°2 | 16♂29 | 23♂41 | 22♂20 | 14°32 | 0°7 | 24°R6 | 22°31 | 5°1 | 6°55 | W 2 |
| T 3 | 6 50 26 | 12°42'38 | 3♂3 | 28°21 | 13°32 | 11°38 | 16°27 | 23°36 | 22°19 | 14°33 | 0°8 | 24°6 | 22°28 | 5°7 | 7°1 | T 3 |
| F 4 | 6 54 22 | 13°43'48 | 16°44 | 28°7 | 14°47 | 12°14 | 16°26 | 23°31 | 22°19 | 14°35 | 0°10 | 24°4 | 22°25 | 5°14 | 7°6 | F 4 |
| S 5 | 6 58 19 | 14°44'59 | 0♂15 | 27°41 | 16°2 | 12°50 | 16°25 | 23°27 | 22°18 | 14°36 | 0°11 | 23°59 | 22°22 | 5°21 | 7°11 | S 5 |
| S 6 | 7 2 15 | 15°46'10 | 13°34 | 27°3 | 17°18 | 13°26 | 16°24 | 23°22 | 22°18 | 14°37 | 0°12 | 23°51 | 22°18 | 5°27 | 7°16 | S 6 |
| M 7 | 7 6 12 | 16°47'20 | 26°39 | 26°15 | 18°33 | 14°2 | 16°23 | 23°17 | 22°17 | 14°39 | 0°14 | 23°42 | 22°15 | 5°34 | 7°21 | M 7 |
| T 8 | 7 10 9 | 17°48'31 | 9♂29 | 25°16 | 19°49 | 14°38 | 16°22 | 23°12 | 22°17 | 14°40 | 0°15 | 23°32 | 22°12 | 5°41 | 7°26 | T 8 |
| W 9 | 7 14 5 | 18°49'40 | 22°2 | 24°9 | 21°4 | 15°14 | 16°22 | 23°7 | 22°16 | 14°41 | 0°16 | 23°21 | 22°9 | 5°48 | 7°31 | W 9 |
| T 10 | 7 18 2 | 19°50'49 | 4♂21 | 22°56 | 22°20 | 15°51 | 16°D22 | 23°2 | 22°15 | 14°42 | 0°17 | 23°12 | 22°6 | 5°54 | 7°35 | T 10 |
| F 11 | 7 21 58 | 20°51'58 | 16°27 | 21°38 | 23°35 | 16°27 | 16°22 | 22°57 | 22°15 | 14°43 | 0°19 | 23°4 | 22°2 | 6°1 | 7°40 | F 11 |
| S 12 | 7 25 55 | 21°53'05 | 28°23 | 20°19 | 24°51 | 17°3 | 16°22 | 22°52 | 22°14 | 14°45 | 0°20 | 22°58 | 21°59 | 6°8 | 7°44 | S 12 |
| S 13 | 7 29 51 | 22°54'13 | 10♂14 | 19°1 | 26°6 | 17°40 | 16°22 | 22°47 | 22°13 | 14°46 | 0°22 | 22°55 | 21°56 | 6°14 | 7°49 | S 13 |
| M14 | 7 33 48 | 23°55'19 | 22°3 | 17°46 | 27°22 | 18°17 | 16°23 | 22°42 | 22°12 | 14°47 | 0°23 | 22°D54 | 21°53 | 6°21 | 7°53 | M14 |
| T 15 | 7 37 44 | 24°56'24 | 3♂57 | 16°36 | 28°37 | 18°53 | 16°24 | 22°37 | 22°11 | 14°48 | 0°24 | 22°54 | 21°50 | 6°28 | 7°57 | T 15 |
| W16 | 7 41 41 | 25°57'29 | 16°0 | 15°33 | 29°52 | 19°30 | 16°25 | 22°32 | 22°10 | 14°49 | 0°26 | 22°55 | 21°47 | 6°34 | 8°1 | W16 |
| T 17 | 7 45 38 | 26°58'33 | 28°19 | 14°38 | 1♂8 | 20°7 | 16°26 | 22°27 | 22°9 | 14°50 | 0°27 | 22°R55 | 21°43 | 6°41 | 8°5 | T 17 |
| F 18 | 7 49 34 | 27°59'36 | 10♂15 | 13°52 | 2°23 | 20°44 | 16°27 | 22°22 | 22°8 | 14°51 | 0°29 | 22°54 | 21°40 | 6°48 | 8°9 | F 18 |
| S 19 | 7 53 31 | 29°0'38 | 23°59 | 13°15 | 3°39 | 21°20 | 16°29 | 22°18 | 22°6 | 14°52 | 0°30 | 22°50 | 21°37 | 6°54 | 8°13 | S 19 |
| S 20 | 7 57 27 | 0♂140 | 7♂25 | 12°47 | 4°54 | 21°57 | 16°31 | 22°13 | 22°5 | 14°53 | 0°32 | 22°43 | 21°34 | 7°1 | 8°17 | S 20 |
| M21 | 8 1 24 | 1°24'0 | 21°15 | 12°28 | 6°9 | 22°34 | 16°33 | 22°8 | 22°4 | 14°53 | 0°33 | 22°34 | 21°31 | 7°8 | 8°20 | M21 |
| T 22 | 8 5 20 | 2°3'40 | 5♂27 | 12°18 | 7°25 | 23°11 | 16°35 | 22°3 | 22°3 | 14°54 | 0°35 | 22°23 | 21°28 | 7°14 | 8°24 | T 22 |
| W23 | 8 9 17 | 3°4'38 | 19°54 | 12°D17 | 8°40 | 23°48 | 16°38 | 21°58 | 22°1 | 14°55 | 0°36 | 22°11 | 21°24 | 7°21 | 8°27 | W23 |
| T 24 | 8 13 14 | 4°5'36 | 4♂30 | 12°23 | 9°55 | 24°26 | 16°40 | 21°53 | 22°0 | 14°56 | 0°38 | 22°1 | 21°21 | 7°28 | 8°30 | T 24 |
| F 25 | 8 17 10 | 5°6'33 | 19°8 | 12°37 | 11°11 | 25°3 | 16°43 | 21°49 | 21°58 | 14°57 | 0°39 | 21°52 | 21°18 | 7°35 | 8°33 | F 25 |
| S 26 | 8 21 7 | 6°7'30 | 3♂40 | 12°57 | 12°26 | 25°40 | 16°46 | 21°44 | 21°57 | 14°57 | 0°41 | 21°45 | 21°15 | 7°41 | 8°36 | S 26 |
| S 27 | 8 25 3 | 7°8'25 | 18°2 | 13°23 | 13°41 | 26°17 | 16°50 | 21°39 | 21°55 | 14°58 | 0°42 | 21°42 | 21°12 | 7°48 | 8°39 | S 27 |
| M28 | 8 29 0 | 8°9'20 | 2♂11 | 13°55 | 14°56 | 26°54 | 16°53 | 21°35 | 21°54 | 14°58 | 0°44 | 21°41 | 21°8 | 7°55 | 8°42 | M28 |
| T 29 | 8 32 56 | 9°10'15 | 16°7 | 14°32 | 16°12 | 27°32 | 16°57 | 21°30 | 21°52 | 14°59 | 0°45 | 21°41 | 21°5 | 8°1 | 8°45 | T 29 |
| W30 | 8 36 53 | 10°11'08 | 29°48 | 15°14 | 17°27 | 28°9 | 17°0 | 21°25 | 21°50 | 15°0 | 0°47 | 21°41 | 21°2 | 8°8 | 8°47 | W30 |
| T 31 | 8 40 49 | 11°12'01 | 13♂18 | 16♂3 | 18♂42 | 28♂46 | 17♂4 | 21♂21 | 21♂49 | 15♂0 | 0♂49 | 21♂39 | 20♂59 | 8♂15 | 8♂50 | 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 |
| T 1 | 23s 2 | 11s44 | 1n40 | 20s29 | 0n 3 | 23s39 | 0s39 | 4n18 | 0n10 | 15n49 | 1s 1 | 21n24 | 0n 1 | 3n46 | 0n47 | 14s32 |
| W 2 | 22 57 | 17 8 | 0 26 | 20 11 | 0 20 | 23 35 | 0 41 | 4 33 | 0 11 | 15 49 | 1 1 | 21 24 | 0 1 | 3 46 | 0 47 | 14 32 |
| T 3 | 22 52 | 21 35 | 0s48 | 19 53 | 0 38 | 23 30 | 0 43 | 4 48 | 0 13 | 15 48 | 1 1 | 21 25 | 0 1 | 3 46 | 0 47 | 14 33 |
| F 4 | 22 45 | 24 46 | 1 59 | 19 38 | 0 57 | 23 24 | 0 45 | 5 3 | 0 14 | 15 48 | 1 0 | 21 26 | 0 1 | 3 46 | 0 47 | 14 33 |
| S 5 | 22 39 | 26 30 | 3 2 | 19 24 | 1 16 | 23 17 | 0 47 | 5 18 | 0 15 | 15 48 | 1 0 | 21 27 | 0 2 | 3 47 | 0 47 | 14 33 |
| S 6 | 22 32 | 26 39 | 3 54 | 19 13 | 1 35 | 23 9 | 0 49 | 5 33 | 0 16 | 15 48 | 1 0 | 21 28 | 0 2 | 3 47 | 0 47 | 14 34 |
| M 7 | 22 25 | 25 18 | 4 32 | 19 3 | 1 54 | 23 1 | 0 51 | 5 49 | 0 18 | 15 48 | 1 0 | 21 29 | 0 2 | 3 47 | 0 47 | 14 34 |
| T 8 | 22 17 | 22 39 | 4 56 | 18 56 | 2 12 | 22 53 | 0 53 | 6 4 | 0 19 | 15 48 | 0 59 | 21 30 | 0 2 | 3 47 | 0 47 | 14 34 |
| W 9 | 22 9 | 18 59 | 5 5 | 18 51 | 2 29 | 22 43 | 0 55 | 6 19 | 0 20 | 15 48 | 0 59 | 21 31 | 0 2 | 3 48 | 0 47 | 14 35 |
| T 10 | 22 0 | 14 34 | 4 59 | 18 49 | 2 45 | 22 33 | 0 57 | 6 34 | 0 21 | 15 49 | 0 59 | 21 32 | 0 2 | 3 48 | 0 47 | 14 35 |
| F 11 | 21 51 | 9 39 | 4 40 | 18 48 | 2 58 | 22 22 | 0 59 | 6 49 | 0 22 | 15 49 | 0 58 | 21 33 | 0 2 | 3 48 | 0 47 | 14 35 |
| S 12 | 21 41 | 4 27 | 4 9 | 18 49 | 3 9 | 22 10 | 1 0 | 7 4 | 0 23 | 15 49 | 0 58 | 21 34 | 0 2 | 3 49 | 0 47 | 14 36 |
| S 13 | 21 31 | 0n52 | 3 28 | 18 51 | 3 17 | 21 58 | 1 2 | 7 19 | 0 25 | 15 50 | 0 58 | 21 35 | 0 2 | 3 49 | 0 47 | 14 36 |
| M14 | 21 21 | 6 10 | 2 37 | 18 55 | 3 23 | 21 45 | 1 4 | 7 34 | 0 26 | 15 50 | 0 58 | 21 36 | 0 3 | 3 49 | 0 47 | 14 36 |
| T 15 | 21 10 | 11 17 | 1 40 | 19 1 | 3 27 | 21 32 | 1 5 | 7 49 | 0 27 | 15 51 | 0 57 | 21 37 | 0 3 | 3 50 | 0 47 | 14 36 |
| W16 | 20 59 | 16 4 | 0 37 | 19 7 | 3 28 | 21 17 | 1 7 | 8 4 | 0 28 | 15 51 | 0 57 | 21 38 | 0 3 | 3 50 | 0 48 | 14 37 |
| T 17 | 20 47 | 20 16 | 0n29 | 19 14 | 3 27 | 21 3 | 1 8 | 8 19 | 0 29 | 15 52 | 0 57 | 21 38 | 0 3 | 3 51 | 0 48 | 14 37 |
| F 18 | 20 35 | 23 40 | 1 35 | 19 22 | 3 24 | 20 47 | 1 10 | 8 34 | 0 30 | 15 53 | 0 56 | 21 39 | 0 3 | 3 51 | 0 48 | 14 37 |
| S 19 | 20 23 | 25 57 | 2 37 | 19 30 | 3 19 | 20 31 | 1 11 | 8 48 | 0 31 | 15 53 | 0 56 | 21 40 | 0 3 | 3 52 | 0 48 | 14 37 |
| S 20 | 20 10 | 26 48 | 3 33 | 19 39 | 3 13 | 20 14 | 1 13 | 9 3 | 0 32 | 15 54 | 0 56 | 21 41 | 0 3 | 3 52 | 0 48 | 14 37 |
| M21 | 19 57 | 26 2 | 4 18 | 19 48 | 3 6 | 19 57 | 1 14 | 9 18 | 0 33 | 15 55 | 0 56 | 21 42 | 0 3 | 3 53 | 0 48 | 14 38 |
| T 22 | 19 43 | 23 35 | 4 49 | 19 57 | 2 57 | 19 39 | 1 15 | 9 33 | 0 34 | 15 56 | 0 55 | 21 43 | 0 3 | 3 53 | 0 48 | 14 38 |
| W23 | 19 30 | 19 37 | 5 1 | 20 7 | 2 48 | 19 21 | 1 16 | 9 47 | 0 35 | 15 57 | 0 55 | 21 44 | 0 4 | 3 54 | 0 48 | 14 38 |
| T 24 | 19 15 | 14 26 | 4 55 | 20 16 | 2 38 | 19 2 | 1 18 | 10 2 | 0 35 | 15 58 | 0 55 | 21 45 | 0 4 | 3 55 | 0 48 | 14 38 |
| F 25 | 19 1 | 8 25 | 4 29 | 20 25 | 2 28 | 18 42 | 1 19 | 10 16 | 0 36 | 15 59 | 0 54 | 21 46 | 0 4 | 3 55 | 0 48 | 14 38 |
| S 26 | 18 46 | 1 59 | 3 45 | 20 33 | 2 18 | 18 22 | 1 20 | 10 31 | 0 37 | 16 0 | 0 54 | 21 46 | 0 4 | 3 56 | 0 48 | 14 39 |
| S 27 | 18 31 | 4s29 | 2 48 | 20 41 | 2 7 | 18 2 | 1 21 | 10 45 | 0 38 | 16 1 | 0 54 | 21 47 | 0 4 | 3 57 | 0 48 | 14 39 |
| M28 | 18 15 | 10 40 | 1 41 | 20 49 | 1 56 | 17 40 | 1 22 | 10 59 | 0 39 | 16 3 | 0 54 | 21 48 | 0 4 | 3 57 | 0 48 | 14 39 |
| T 29 | 17 59 | 16 12 | 0 29 | 20 56 | 1 45 | 17 19 | 1 23 | 11 13 | 0 40 | 16 4 | 0 53 | 21 49 | 0 4 | 3 58 | 0 48 | 14 39 |
| W30 | 17 43 | 20 50 | 0s43 | 21 2 | 1 34 | 16 57 | 1 23 | 11 28 | 0 41 | 16 5 | 0 53 | 21 50 | 0 4 | 3 59 | 0 48 | 14 39 |
| T 31 | 17s26 | 24s16 | 1s52 | 21s 8 | 1n23 | 16s34 | 1s24 | 11n42 | 0n41 | 16n 7 | 0s53 | 21n51 | 0n 4 | 3n59 | 0n48 | 14s39 |

Julian Day Number = 2378131.5, Delta T = 19.03 sec
Ecliptic obliquity = 23°28'01, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°56'02, Lahiri = 21°03'02Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1799

geocentric

FEBRUARY 1799

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|------------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|----------------------|--------------------|----------------------|---------------------|---------------------|--------------------|------|
| F 1 | 8 44 46 | 12 ²² 15'3 | 26 ²⁷ 35 | 16 ²⁵ 50 | 19 ²² 58 | 29 ²⁷ 24 | 17 ²⁸ 9 | 21 ¹⁹ 16 | 21 ¹⁹ 47 | 15 ¹⁵ 1 | 0 ¹¹ 50 | 21 ¹⁹ 35 | 20 ¹⁸ 56 | 8 ¹⁷ 21 | 8 ¹⁵ 52 | F 1 |
| S 2 | 8 48 43 | 13 ¹³ 13'44 | 9 ²³ 42 | 17 ¹⁷ 43 | 21 ¹¹ 13 | 0 ¹⁸ 1 | 17 ¹⁷ 13 | 21 ¹⁹ 12 | 21 ¹⁹ 45 | 15 ¹⁵ 1 | 0 ¹¹ 52 | 21 ¹⁹ 28 | 20 ¹⁸ 53 | 8 ¹⁷ 28 | 8 ¹⁵ 54 | S 2 |
| S 3 | 8 52 39 | 14 ¹⁴ 13'5 | 22 ²³ 38 | 18 ¹⁸ 40 | 22 ²² 28 | 0 ¹⁹ 39 | 17 ¹⁷ 18 | 21 ¹⁹ 8 | 21 ¹⁹ 43 | 15 ¹⁵ 2 | 0 ¹¹ 53 | 21 ¹⁹ 18 | 20 ¹⁸ 49 | 8 ¹⁷ 35 | 8 ¹⁵ 56 | S 3 |
| M 4 | 8 56 36 | 15 ¹⁵ 15'24 | 5 ²³ 33 | 19 ¹⁹ 39 | 23 ²³ 43 | 1 ¹⁶ 16 | 17 ¹⁷ 22 | 21 ¹⁹ 3 | 21 ¹⁹ 41 | 15 ¹⁵ 2 | 0 ¹¹ 55 | 21 ¹⁹ 5 | 20 ¹⁸ 46 | 8 ¹⁷ 41 | 8 ¹⁵ 58 | M 4 |
| T 5 | 9 0 32 | 16 ¹⁶ 16'11 | 17 ²³ 57 | 20 ²⁰ 42 | 24 ²⁴ 58 | 1 ¹⁵ 54 | 17 ¹⁷ 27 | 20 ¹⁹ 59 | 21 ¹⁹ 39 | 15 ¹⁵ 2 | 0 ¹¹ 57 | 20 ¹⁸ 51 | 20 ¹⁸ 43 | 8 ¹⁷ 48 | 9 ¹⁶ 0 | T 5 |
| W 6 | 9 4 29 | 17 ¹⁷ 16'58 | 0 ²⁴ 20 | 21 ²¹ 46 | 26 ²⁶ 14 | 2 ¹³ 32 | 17 ¹⁷ 32 | 20 ¹⁹ 55 | 21 ¹⁹ 37 | 15 ¹⁵ 3 | 0 ¹¹ 58 | 20 ¹⁸ 36 | 20 ¹⁸ 40 | 8 ¹⁷ 55 | 9 ¹⁶ 2 | W 6 |
| T 7 | 9 8 25 | 18 ¹⁸ 17'43 | 12 ²³ 31 | 22 ²² 53 | 27 ²⁷ 29 | 3 ¹¹ 9 | 17 ¹⁷ 38 | 20 ¹⁹ 51 | 21 ¹⁹ 35 | 15 ¹⁵ 3 | 1 ¹⁰ 0 | 20 ¹⁸ 23 | 20 ¹⁸ 37 | 9 ¹⁶ 1 | 9 ¹⁶ 4 | T 7 |
| F 8 | 9 12 22 | 19 ¹⁹ 18'26 | 24 ²⁴ 32 | 24 ²⁴ 2 | 28 ²⁸ 44 | 3 ¹¹ 47 | 17 ¹⁷ 43 | 20 ¹⁹ 47 | 21 ¹⁹ 33 | 15 ¹⁵ 3 | 1 ¹⁰ 2 | 20 ¹⁸ 11 | 20 ¹⁸ 34 | 9 ¹⁶ 8 | 9 ¹⁶ 5 | F 8 |
| S 9 | 9 16 18 | 20 ²⁰ 19'08 | 6 ²⁴ 26 | 25 ²⁵ 13 | 29 ²⁹ 59 | 4 ¹² 25 | 17 ¹⁷ 49 | 20 ¹⁹ 43 | 21 ¹⁹ 31 | 15 ¹⁵ 3 | 1 ¹⁰ 3 | 20 ¹⁸ 2 | 20 ¹⁸ 30 | 9 ¹⁶ 15 | 9 ¹⁶ 7 | S 9 |
| S 10 | 9 20 15 | 21 ²¹ 19'48 | 18 ¹⁸ 14 | 26 ²⁶ 26 | 1 ³¹ 14 | 5 ¹² 2 | 17 ¹⁷ 55 | 20 ¹⁹ 39 | 21 ¹⁹ 29 | 15 ¹⁵ 4 | 1 ¹⁰ 5 | 19 ¹⁸ 56 | 20 ¹⁸ 27 | 9 ¹⁶ 21 | 9 ¹⁶ 8 | S 10 |
| M 11 | 9 24 12 | 22 ²² 20'27 | 0 ²⁵ 2 | 27 ²⁷ 40 | 2 ²² 29 | 5 ¹⁴ 40 | 18 ¹⁸ 1 | 20 ¹⁹ 35 | 21 ¹⁹ 27 | 15 ¹⁵ 4 | 1 ¹⁰ 7 | 19 ¹⁸ 53 | 20 ¹⁸ 24 | 9 ¹⁶ 28 | 9 ¹⁶ 9 | M 11 |
| T 12 | 9 28 8 | 23 ²³ 21'04 | 11 ¹¹ 54 | 28 ²⁸ 57 | 3 ¹⁴ 44 | 6 ¹⁶ 18 | 18 ¹⁸ 7 | 20 ¹⁹ 31 | 21 ¹⁹ 25 | 15 ¹⁵ 4 | 1 ¹⁰ 8 | 19 ¹⁸ 52 | 20 ¹⁸ 21 | 9 ¹⁶ 35 | 9 ¹⁶ 10 | T 12 |
| W 13 | 9 32 5 | 24 ²⁴ 21'40 | 23 ²³ 54 | 0 ²⁹ 14 | 4 ¹⁵ 59 | 6 ¹⁶ 56 | 18 ¹⁸ 13 | 20 ¹⁹ 28 | 21 ¹⁹ 22 | 15 ¹⁵ 4 | 1 ¹⁰ 10 | 19 ¹⁸ 52 | 20 ¹⁸ 18 | 9 ¹⁶ 41 | 9 ¹⁶ 11 | W 13 |
| T 14 | 9 36 1 | 25 ²⁵ 22'13 | 6 ³⁰ 11 | 1 ³³ 33 | 6 ¹⁶ 14 | 7 ¹³ 33 | 18 ¹⁸ 19 | 20 ¹⁹ 24 | 21 ¹⁹ 20 | 15 ¹⁵ 4 | 1 ¹⁰ 12 | 19 ¹⁸ 52 | 20 ¹⁸ 14 | 9 ¹⁶ 48 | 9 ¹⁶ 12 | T 14 |
| F 15 | 9 39 58 | 26 ²⁶ 22'45 | 18 ¹⁸ 45 | 2 ³⁴ 54 | 7 ¹² 29 | 8 ¹¹ 11 | 18 ¹⁸ 26 | 20 ¹⁹ 21 | 21 ¹⁹ 18 | 15 ¹⁵ R 4 | 1 ¹⁰ 13 | 19 ¹⁸ 50 | 20 ¹⁸ 11 | 9 ¹⁶ 55 | 9 ¹⁶ 13 | F 15 |
| S 16 | 9 43 54 | 27 ²⁷ 23'15 | 1 ³⁵ 45 | 4 ¹⁶ 16 | 8 ¹⁴ 44 | 8 ¹⁴ 49 | 18 ¹⁸ 33 | 20 ¹⁹ 17 | 21 ¹⁹ 16 | 15 ¹⁵ 4 | 1 ¹⁰ 15 | 19 ¹⁸ 46 | 20 ¹⁸ 8 | 10 ¹⁷ 1 | 9 ¹⁶ 13 | S 16 |
| S 17 | 9 47 51 | 28 ²⁸ 23'44 | 15 ¹⁵ 14 | 5 ³⁹ 39 | 9 ¹⁵ 59 | 9 ¹² 27 | 18 ¹⁸ 40 | 20 ¹⁹ 14 | 21 ¹⁹ 13 | 15 ¹⁵ 4 | 1 ¹⁰ 17 | 19 ¹⁸ 40 | 20 ¹⁸ 5 | 10 ¹⁷ 8 | 9 ¹⁶ 14 | S 17 |
| M 18 | 9 51 47 | 29 ²⁹ 24'10 | 29 ²⁹ 11 | 7 ³ 3 | 11 ¹¹ 14 | 10 ¹⁰ 5 | 18 ¹⁸ 47 | 20 ¹⁹ 11 | 21 ¹⁹ 11 | 15 ¹⁵ 4 | 1 ¹⁰ 18 | 19 ¹⁸ 31 | 20 ¹⁸ 2 | 10 ¹⁷ 15 | 9 ¹⁶ 14 | M 18 |
| T 19 | 9 55 44 | 0 ³⁰ 24'35 | 13 ¹³ 25 | 8 ²⁸ 28 | 12 ¹² 29 | 10 ¹⁰ 43 | 18 ¹⁸ 54 | 20 ¹⁹ 7 | 21 ¹⁹ 9 | 15 ¹⁵ 4 | 1 ¹⁰ 20 | 19 ¹⁸ 20 | 19 ¹⁸ 59 | 10 ¹⁷ 22 | 9 ¹⁶ 14 | T 19 |
| W 20 | 9 59 41 | 1 ³¹ 24'58 | 28 ²⁸ 21 | 9 ⁵⁵ 55 | 13 ¹³ 44 | 11 ¹¹ 20 | 19 ¹⁹ 2 | 20 ¹⁹ 4 | 21 ¹⁹ 6 | 15 ¹⁵ 4 | 1 ¹⁰ 22 | 19 ¹⁸ 8 | 19 ¹⁸ 55 | 10 ¹⁷ 28 | 9 ¹⁶ 14 | W 20 |
| T 21 | 10 3 37 | 2 ³² 25'19 | 13 ¹³ 20 | 11 ¹¹ 23 | 14 ¹⁴ 59 | 11 ¹¹ 58 | 19 ¹⁹ 9 | 20 ¹⁹ 1 | 21 ¹⁹ 4 | 15 ¹⁵ 3 | 1 ¹⁰ 23 | 18 ¹⁸ 57 | 19 ¹⁸ 52 | 10 ¹⁷ 35 | 9 ¹⁶ 14 | T 21 |
| F 22 | 10 7 34 | 3 ³³ 25'38 | 28 ²⁸ 23 | 12 ¹² 51 | 16 ¹⁶ 14 | 12 ¹² 36 | 19 ¹⁹ 17 | 19 ¹⁹ 58 | 21 ¹⁹ 1 | 15 ¹⁵ 3 | 1 ¹⁰ 25 | 18 ¹⁸ 48 | 19 ¹⁸ 49 | 10 ¹⁷ 42 | 9 ¹⁶ 14 | F 22 |
| S 23 | 10 11 30 | 4 ³⁵ 25'56 | 13 ¹³ 20 | 14 ¹⁴ 21 | 17 ¹⁷ 28 | 13 ¹³ 14 | 19 ¹⁹ 25 | 19 ¹⁹ 56 | 20 ¹⁹ 59 | 15 ¹⁵ 3 | 1 ¹⁰ 27 | 18 ¹⁸ 41 | 19 ¹⁸ 46 | 10 ¹⁷ 48 | 9 ¹⁶ 14 | S 23 |
| S 24 | 10 15 27 | 5 ³⁶ 26'13 | 28 ²⁸ 3 | 15 ¹⁵ 52 | 18 ¹⁸ 43 | 13 ¹³ 52 | 19 ¹⁹ 33 | 19 ¹⁹ 53 | 20 ¹⁹ 56 | 15 ¹⁵ 3 | 1 ¹⁰ 28 | 18 ¹⁸ 37 | 19 ¹⁸ 43 | 10 ¹⁷ 55 | 9 ¹⁶ 14 | S 24 |
| M 25 | 10 19 23 | 6 ³⁷ 26'28 | 12 ¹² 28 | 17 ¹⁷ 24 | 19 ¹⁹ 58 | 14 ¹⁴ 30 | 19 ¹⁹ 41 | 19 ¹⁹ 50 | 20 ¹⁹ 54 | 15 ¹⁵ 2 | 1 ¹⁰ 30 | 18 ¹⁸ D36 | 19 ¹⁸ 40 | 11 ¹¹ 2 | 9 ¹⁶ 13 | M 25 |
| T 26 | 10 23 20 | 7 ³⁸ 26'41 | 26 ²⁶ 32 | 18 ¹⁸ 57 | 21 ²¹ 13 | 15 ¹⁵ 8 | 19 ¹⁹ 49 | 19 ¹⁹ 48 | 20 ¹⁹ 51 | 15 ¹⁵ 2 | 1 ¹⁰ 32 | 18 ¹⁸ 36 | 19 ¹⁸ 36 | 11 ¹¹ 8 | 9 ¹⁶ 13 | T 26 |
| W 27 | 10 27 16 | 8 ³⁹ 26'53 | 10 ¹⁰ 15 | 20 ²⁰ 32 | 22 ²² 28 | 15 ¹⁵ 46 | 19 ¹⁹ 57 | 19 ¹⁹ 45 | 20 ¹⁹ 49 | 15 ¹⁵ 1 | 1 ¹⁰ 33 | 18 ¹⁸ R36 | 19 ¹⁸ 33 | 11 ¹¹ 15 | 9 ¹⁶ 12 | W 27 |
| T 28 | 10 31 13 | 9 ⁴⁰ 27'04 | 23 ²³ 38 | 22 ²² 7 | 23 ²³ 42 | 16 ¹⁶ 24 | 20 ²⁰ 6 | 19 ¹⁹ 43 | 20 ¹⁹ 46 | 15 ¹⁵ 1 | 1 ¹⁰ 35 | 18 ¹⁸ 35 | 19 ¹⁸ 30 | 11 ¹¹ 22 | 9 ¹⁶ 11 | T 28 |

| 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 | 17s 9 | 26s19 | 2s53 | 21s12 | 1n12 | 16s11 | 1s25 | 11n56 | 0n42 | 16n 8 | 0s53 | 21n51 | 0n 4 | 4n 0 | 0n48 | 14s39 | 1n47 | 22s 9 | 11s46 | 18n11 | 18n 1 | 0n 7 | 13s56 | 0n34 | | | |
| S 2 | 16 52 | 26 51 | 3 45 | 21 16 | 1 2 | 15 48 | 1 25 | 12 10 | 0 43 | 16 9 | 0 52 | 21 52 | 0 5 | 4 1 | 0 48 | 14 39 | 1 47 | 22 8 | 11 46 | 18 9 | 18 0 | 0 10 | 13 57 | 0 34 | | | |
| S 3 | 16 35 | 25 54 | 4 24 | 21 19 | 0 51 | 15 24 | 1 26 | 12 24 | 0 44 | 16 11 | 0 52 | 21 53 | 0 5 | 4 2 | 0 48 | 14 39 | 1 47 | 22 8 | 11 46 | 18 6 | 17 59 | 0 13 | 13 57 | 0 35 | | | |
| M 4 | 16 17 | 23 36 | 4 49 | 21 21 | 0 41 | 14 59 | 1 26 | 12 38 | 0 44 | 16 13 | 0 52 | 21 54 | 0 5 | 4 2 | 0 48 | 14 39 | 1 47 | 22 7 | 11 46 | 18 3 | 17 58 | 0 16 | 13 57 | 0 35 | | | |
| T 5 | 15 59 | 20 12 | 4 59 | 21 22 | 0 31 | 14 35 | 1 27 | 12 51 | 0 45 | 16 14 | 0 51 | 21 54 | 0 5 | 4 3 | 0 48 | 14 39 | 1 47 | 22 7 | 11 46 | 17 59 | 17 57 | 0 20 | 13 57 | 0 35 | | | |
| W 6 | 15 40 | 15 58 | 4 55 | 21 21 | 0 21 | 14 9 | 1 27 | 13 5 | 0 46 | 16 16 | 0 51 | 21 55 | 0 5 | 4 4 | 0 48 | 14 39 | 1 47 | 22 6 | 11 46 | 17 55 | 17 56 | 0 23 | 13 58 | 0 36 | | | |
| T 7 | 15 22 | 11 9 | 4 38 | 21 20 | 0 12 | 13 44 | 1 28 | 13 19 | 0 47 | 16 18 | 0 51 | 21 56 | 0 5 | 4 5 | 0 48 | 14 39 | 1 47 | 22 5 | 11 46 | 17 52 | 17 55 | 0 26 | 13 58 | 0 36 | | | |
| F 8 | 15 3 | 5 58 | 4 8 | 21 17 | 0 2 | 13 18 | 1 28 | 13 32 | 0 47 | 16 19 | 0 51 | 21 57 | 0 5 | 4 6 | 0 48 | 14 39 | 1 47 | 22 5 | 11 46 | 17 49 | 17 55 | 0 29 | 13 58 | 0 37 | | | |
| S 9 | 14 44 | 0 38 | 3 28 | 21 14 | 0s 7 | 12 52 | 1 28 | 13 46 | 0 48 | 16 21 | 0 50 | 21 57 | 0 5 | 4 6 | 0 48 | 14 39 | 1 47 | 22 4 | 11 46 | 17 46 | 17 54 | 0 33 | 13 58 | 0 37 | | | |
| S 10 | 14 24 | 4n43 | 2 39 | 21 9 | 0 16 | 12 25 | 1 28 | 13 59 | 0 49 | 16 23 | 0 50 | 21 58 | 0 5 | 4 7 | 0 48 | 14 39 | 1 48 | 22 3 | 11 46 | 17 45 | 17 53 | 0 36 | 13 58 | 0 37 | | | |
| M11 | 14 5 | 9 53 | 1 43 | 21 3 | 0 24 | 11 58 | 1 28 | 14 12 | 0 49 | 16 25 | 0 50 | 21 59 | 0 6 | 4 8 | 0 48 | 14 39 | 1 48 | 22 3 | 11 46 | 17 44 | 17 52 | 0 39 | 13 58 | 0 38 | | | |
| T 12 | 13 45 | 14 45 | 0 42 | 20 55 | 0 32 | 11 31 | 1 28 | 14 25 | 0 50 | 16 27 | 0 50 | 21 59 | 0 6 | 4 9 | 0 48 | 14 39 | 1 48 | 22 2 | 11 46 | 17 44 | 17 51 | 0 42 | 13 58 | 0 38 | | | |
| W13 | 13 25 | 19 7 | 0n21 | 20 47 | 0 40 | 11 4 | 1 28 | 14 38 | 0 51 | 16 29 | 0 49 | 22 0 | 0 6 | 4 10 | 0 48 | 14 39 | 1 48 | 22 2 | 11 46 | 17 44 | 17 50 | 0 46 | 13 58 | 0 39 | | | |
| T 14 | 13 5 | 22 46 | 1 25 | 20 37 | 0 48 | 10 36 | 1 28 | 14 51 | 0 51 | 16 31 | 0 49 | 22 1 | 0 6 | 4 11 | 0 48 | 14 39 | 1 48 | 22 1 | 11 46 | 17 43 | 17 50 | 0 49 | 13 58 | 0 39 | | | |
| F 15 | 12 44 | 25 25 | 2 26 | 20 26 | 0 55 | 10 8 | 1 28 | 15 4 | 0 52 | 16 33 | 0 49 | 22 1 | 0 6 | 4 12 | 0 48 | 14 39 | 1 48 | 22 0 | 11 46 | 17 43 | 17 49 | 0 52 | 13 57 | 0 39 | | | |
| S 16 | 12 24 | 26 50 | 3 22 | 20 14 | 1 3 | 9 39 | 1 27 | 15 17 | 0 53 | 16 35 | 0 49 | 22 2 | 0 6 | 4 13 | 0 48 | 14 39 | 1 48 | 22 0 | 11 46 | 17 42 | 17 48 | 0 55 | 13 57 | 0 40 | | | |
| S 17 | 12 3 | 26 43 | 4 9 | 20 0 | 1 9 | 9 11 | 1 27 | 15 30 | 0 53 | 16 37 | 0 48 | 22 3 | 0 6 | 4 14 | 0 48 | 14 39 | 1 48 | 21 59 | 11 46 | 17 40 | 17 47 | 0 59 | 13 57 | 0 40 | | | |
| M18 | 11 42 | 24 57 | 4 42 | 19 45 | 1 16 | 8 42 | 1 27 | 15 42 | 0 54 | 16 39 | 0 48 | 22 3 | 0 6 | 4 15 | 0 48 | 14 39 | 1 48 | 21 59 | 11 46 | 17 38 | 17 46 | 1 2 | 13 57 | 0 41 | | | |
| T 19 | 11 20 | 21 32 | 4 59 | 19 29 | 1 22 | 8 13 | 1 26 | 15 55 | 0 54 | 16 42 | 0 48 | 22 4 | 0 6 | 4 15 | 0 48 | 14 39 | 1 48 | 21 58 | 11 46 | 17 35 | 17 45 | 1 5 | 13 56 | 0 41 | | | |
| W20 | 10 59 | 16 42 | 4 57 | 19 12 | 1 28 | 7 43 | 1 26 | 16 7 | 0 55 | 16 44 | 0 48 | 22 4 | 0 6 | 4 16 | 0 49 | 14 39 | 1 48 | 21 57 | 11 46 | 17 32 | 17 44 | 1 8 | 13 56 | 0 42 | | | |
| T 21 | 10 37 | 10 47 | 4 34 | 18 53 | 1 33 | 7 14 | 1 25 | 16 19 | 0 55 | 16 46 | 0 47 | 22 5 | 0 7 | 4 17 | 0 49 | 14 39 | 1 48 | 21 57 | 11 46 | 17 29 | 17 44 | 1 11 | 13 56 | 0 42 | | | |
| F 22 | 10 16 | 4 12 | 3 53 | 18 33 | 1 38 | 6 44 | 1 24 | 16 32 | 0 56 | 16 49 | 0 47 | 22 5 | 0 7 | 4 18 | 0 49 | 14 39 | 1 48 | 21 56 | 11 46 | 17 26 | 17 43 | 1 15 | 13 55 | 0 42 | | | |
| S 23 | 9 54 | 2s35 | 2 55 | 18 11 | 1 43 | 6 14 | 1 24 | 16 44 | 0 56 | 16 51 | 0 47 | 22 6 | 0 7 | 4 19 | 0 49 | 14 39 | 1 48 | 21 56 | 11 46 | 17 24 | 17 42 | 1 18 | 13 55 | 0 43 | | | |
| S 24 | 9 32 | 9 8 | 1 47 | 17 48 | 1 48 | 5 44 | 1 23 | 16 56 | 0 57 | 16 53 | 0 47 | 22 6 | 0 7 | 4 20 | 0 49 | 14 38 | 1 48 | 21 55 | 11 46 | 17 23 | 17 41 | 1 21 | 13 54 | 0 43 | | | |
| M25 | 9 10 | 15 5 | 0 32 | 17 24 | 1 52 | 5 14 | 1 22 | 17 7 | 0 57 | 16 56 | 0 47 | 22 7 | 0 7 | 4 21 | 0 49 | 14 38 | 1 48 | 21 55 | 11 46 | 17 23 | 17 40 | 1 24 | 13 54 | 0 44 | | | |
| T 26 | 8 47 | 20 5 | 0s42 | 16 59 | 1 55 | 4 44 | 1 21 | 17 19 | 0 58 | 16 58 | 0 46 | 22 7 | 0 7 | 4 22 | 0 49 | 14 38 | 1 48 | 21 54 | 11 46 | 17 23 | 17 39 | 1 28 | 13 53 | 0 44 | | | |
| W27 | 8 25 | 23 52 | 1 52 | 16 32 | 1 59 | 4 13 | 1 20 | 17 31 | 0 58 | 17 1 | 0 46 | 22 8 | 0 7 | 4 23 | 0 49 | 14 38 | 1 49 | 21 54 | 11 46 | 17 23 | 17 38 | 1 31 | 13 53 | 0 44 | | | |
| T 28 | 8s 2 | 26s13 | 2s55 | 16s 4 | 2s 2 | 3s43 | 1s19 | 17n42 | 0n59 | 17n 3 | 0s46 | 22n 8 | 0n 7 | 4n24 | 0n49 | 14s38 | 1n49 | 21s53 | 11s46 | 17n23 | 17n38 | 1n34 | 13s52 | 0n45 | | | |

ASTRODIENST EPHEMERIS for the year 1799
geocentric

MARCH 1799

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|-----------|-------|--------|-------|-------|-------|--------|--------|--------|------|--------|--------|--------|-------|------|
| F 1 | 10 35 10 | 10♌27°13 | 6♌44 | 23♌43 | 24♌57 | 17♌2 | 20♌15 | 19♌R41 | 20♌R44 | 15♌R 1 | 1♌37 | 18♌R32 | 19♌827 | 11♌Y28 | 9♌R11 | F 1 |
| S 2 | 10 39 6 | 11°27'21 | 19°35 | 25°21 | 26°12 | 17°40 | 20°23 | 19°39 | 20°41 | 15°0 | 1°38 | 18°27 | 19°24 | 11°35 | 9°10 | S 2 |
| S 3 | 10 43 3 | 12°27'27 | 2♌13 | 26°59 | 27°26 | 18°18 | 20°32 | 19°37 | 20°39 | 15° 0 | 1°40 | 18°18 | 19°20 | 11°42 | 9° 8 | S 3 |
| M 4 | 10 46 59 | 13°27'31 | 14°40 | 28°39 | 28°41 | 18°56 | 20°41 | 19°35 | 20°36 | 14°59 | 1°42 | 18° 8 | 19°17 | 11°48 | 9° 7 | M 4 |
| T 5 | 10 50 56 | 14°27'33 | 26°58 | 0♌19 | 29°55 | 19°34 | 20°51 | 19°33 | 20°33 | 14°59 | 1°43 | 17°56 | 19°14 | 11°55 | 9° 6 | T 5 |
| W 6 | 10 54 52 | 15°27'34 | 9♌7 | 2° 1 | 1°Y10 | 20°12 | 21° 0 | 19°31 | 20°31 | 14°58 | 1°45 | 17°43 | 19°11 | 12° 2 | 9° 4 | W 6 |
| T 7 | 10 58 49 | 16°27'33 | 21° 9 | 3°44 | 2°25 | 20°50 | 21° 9 | 19°29 | 20°28 | 14°57 | 1°47 | 17°32 | 19° 8 | 12° 8 | 9° 3 | T 7 |
| F 8 | 11 2 45 | 17°27'29 | 3♌3 | 5°28 | 3°39 | 21°28 | 21°19 | 19°28 | 20°26 | 14°57 | 1°48 | 17°22 | 19° 5 | 12°15 | 9° 1 | F 8 |
| S 9 | 11 6 42 | 18°27'24 | 14°54 | 7°13 | 4°54 | 22° 6 | 21°29 | 19°27 | 20°23 | 14°56 | 1°50 | 17°14 | 19° 1 | 12°22 | 9° 0 | S 9 |
| S 10 | 11 10 38 | 19°27'17 | 26°41 | 8°59 | 6° 8 | 22°44 | 21°38 | 19°25 | 20°20 | 14°55 | 1°51 | 17° 9 | 18°58 | 12°28 | 8°58 | S 10 |
| M 11 | 11 14 35 | 20°27'07 | 8♌29 | 10°47 | 7°22 | 23°22 | 21°48 | 19°24 | 20°18 | 14°54 | 1°53 | 17° 7 | 18°55 | 12°35 | 8°56 | M 11 |
| T 12 | 11 18 32 | 21°26'56 | 20°20 | 12°36 | 8°37 | 24° 0 | 21°58 | 19°23 | 20°15 | 14°54 | 1°55 | 17°D 7 | 18°52 | 12°42 | 8°54 | T 12 |
| W 13 | 11 22 28 | 22°26'42 | 2♌20 | 14°25 | 9°51 | 24°38 | 22° 9 | 19°22 | 20°12 | 14°53 | 1°56 | 17° 7 | 18°49 | 12°48 | 8°51 | W 13 |
| T 14 | 11 26 25 | 23°26'26 | 14°34 | 16°16 | 11° 6 | 25°16 | 22°19 | 19°21 | 20°10 | 14°52 | 1°58 | 17° 9 | 18°45 | 12°55 | 8°49 | T 14 |
| F 15 | 11 30 21 | 24°26'08 | 27° 6 | 18° 9 | 12°20 | 25°54 | 22°29 | 19°21 | 20° 7 | 14°51 | 1°59 | 17°R 9 | 18°42 | 13° 2 | 8°47 | F 15 |
| S 16 | 11 34 18 | 25°25'47 | 10♌1 | 20° 2 | 13°34 | 26°33 | 22°40 | 19°20 | 20° 5 | 14°50 | 2° 1 | 17° 8 | 18°39 | 13° 8 | 8°44 | S 16 |
| S 17 | 11 38 14 | 26°25'25 | 23°23 | 21°57 | 14°48 | 27°11 | 22°50 | 19°19 | 20° 2 | 14°49 | 2° 2 | 17° 4 | 18°36 | 13°15 | 8°42 | S 17 |
| M 18 | 11 42 11 | 27°25'00 | 7♌15 | 23°53 | 16° 3 | 27°49 | 23° 1 | 19°19 | 19°59 | 14°48 | 2° 4 | 16°59 | 18°33 | 13°22 | 8°39 | M 18 |
| T 19 | 11 46 7 | 28°24'32 | 21°37 | 25°50 | 17°17 | 28°27 | 23°12 | 19°19 | 19°57 | 14°47 | 2° 6 | 16°53 | 18°30 | 13°28 | 8°36 | T 19 |
| W 20 | 11 50 4 | 29°24'03 | 6♌24 | 27°48 | 18°31 | 29° 5 | 23°22 | 19°19 | 19°54 | 14°46 | 2° 7 | 16°45 | 18°26 | 13°35 | 8°34 | W 20 |
| T 21 | 11 54 1 | 0♌Y23°31 | 21°29 | 29°47 | 19°45 | 29°43 | 23°33 | 19°D19 | 19°52 | 14°45 | 2° 9 | 16°38 | 18°23 | 13°42 | 8°31 | T 21 |
| F 22 | 11 57 57 | 1°22'57 | 6♌44 | 1°Y47 | 20°59 | 0♌I21 | 23°44 | 19°19 | 19°49 | 14°44 | 2°10 | 16°32 | 18°20 | 13°48 | 8°28 | F 22 |
| S 23 | 12 1 54 | 2°22'21 | 21°58 | 3°47 | 22°13 | 0°59 | 23°56 | 19°19 | 19°47 | 14°43 | 2°12 | 16°28 | 18°17 | 13°55 | 8°25 | S 23 |
| S 24 | 12 5 50 | 3°21'43 | 7♌0 | 5°49 | 23°27 | 1°37 | 24° 7 | 19°19 | 19°44 | 14°42 | 2°13 | 16°26 | 18°14 | 14° 2 | 8°21 | S 24 |
| M 25 | 12 9 47 | 4°21'03 | 21°43 | 7°51 | 24°41 | 2°15 | 24°18 | 19°19 | 19°42 | 14°41 | 2°15 | 16°D25 | 18°11 | 14° 8 | 8°18 | M 25 |
| T 26 | 12 13 43 | 5°20'22 | 6♌2 | 9°54 | 25°55 | 2°53 | 24°29 | 19°20 | 19°39 | 14°40 | 2°16 | 16°26 | 18° 7 | 14°15 | 8°15 | T 26 |
| W 27 | 12 17 40 | 6°19'39 | 19°56 | 11°57 | 27° 9 | 3°31 | 24°41 | 19°20 | 19°37 | 14°39 | 2°17 | 16°28 | 18° 4 | 14°22 | 8°11 | W 27 |
| T 28 | 12 21 36 | 7°18'54 | 3♌25 | 14° 0 | 28°23 | 4° 9 | 24°53 | 19°21 | 19°34 | 14°37 | 2°19 | 16°R29 | 18° 1 | 14°28 | 8° 8 | T 28 |
| F 29 | 12 25 33 | 8°18'07 | 16°31 | 16° 2 | 29°36 | 4°47 | 25° 4 | 19°22 | 19°32 | 14°36 | 2°20 | 16°28 | 17°58 | 14°35 | 8° 4 | F 29 |
| S 30 | 12 29 30 | 9°17'19 | 29°17 | 18° 4 | 0♌50 | 5°25 | 25°16 | 19°23 | 19°29 | 14°35 | 2°22 | 16°27 | 17°55 | 14°42 | 8° 1 | S 30 |
| S 31 | 12 33 26 | 10°Y16°29 | 11♌47 | 20°Y 5 | 2♌4 | 6♌I 3 | 25♌28 | 19♌24 | 19♌27 | 14♌34 | 2♌23 | 16♌23 | 17♌51 | 14°Y48 | 7♌57 | S 31 |

| Day | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|------|------|------|
| F 1 | 7s39 | 27s 4 | 3s46 | 15s35 | 2s 4 | 3s12 | 1s18 | 17n53 | 0n59 | 17n 6 | 0s46 | 22n 9 | 0n 7 | 4n25 | 0n49 | F 1 |
| S 2 | 7 17 | 26 25 | 4 26 | 15 4 | 2 6 | 2 41 | 1 17 | 18 5 | 1 0 | 17 8 | 0 45 | 22 9 | 0 7 | 4 26 | 0 49 | S 2 |
| S 3 | 6 54 | 24 25 | 4 51 | 14 32 | 2 8 | 2 10 | 1 15 | 18 16 | 1 0 | 17 11 | 0 45 | 22 9 | 0 7 | 4 27 | 0 49 | S 3 |
| M 4 | 6 31 | 21 16 | 5 2 | 13 59 | 2 10 | 1 39 | 1 14 | 18 27 | 1 1 | 17 13 | 0 45 | 22 10 | 0 8 | 4 28 | 0 49 | M 4 |
| T 5 | 6 7 | 17 13 | 4 59 | 13 24 | 2 11 | 1 9 | 1 13 | 18 38 | 1 1 | 17 16 | 0 45 | 22 10 | 0 8 | 4 29 | 0 49 | T 5 |
| W 6 | 5 44 | 12 31 | 4 42 | 12 49 | 2 11 | 0 38 | 1 11 | 18 48 | 1 2 | 17 19 | 0 45 | 22 10 | 0 8 | 4 31 | 0 49 | W 6 |
| T 7 | 5 21 | 7 23 | 4 13 | 12 11 | 2 11 | 0 6 | 1 10 | 18 59 | 1 2 | 17 21 | 0 44 | 22 11 | 0 8 | 4 32 | 0 49 | T 7 |
| F 8 | 4 58 | 2 2 | 3 33 | 11 33 | 2 11 | 0n25 | 1 8 | 19 9 | 1 2 | 17 24 | 0 44 | 22 11 | 0 8 | 4 33 | 0 49 | F 8 |
| S 9 | 4 34 | 3n22 | 2 43 | 10 53 | 2 10 | 0 56 | 1 7 | 19 20 | 1 3 | 17 27 | 0 44 | 22 11 | 0 8 | 4 34 | 0 49 | S 9 |
| S 10 | 4 11 | 8 38 | 1 47 | 10 12 | 2 9 | 1 27 | 1 5 | 19 30 | 1 3 | 17 29 | 0 44 | 22 12 | 0 8 | 4 35 | 0 49 | S 10 |
| M 11 | 3 47 | 13 37 | 0 46 | 9 29 | 2 7 | 1 58 | 1 3 | 19 40 | 1 4 | 17 32 | 0 44 | 22 12 | 0 8 | 4 36 | 0 49 | M 11 |
| T 12 | 3 24 | 18 8 | 0n17 | 8 46 | 2 5 | 2 29 | 1 2 | 19 50 | 1 4 | 17 35 | 0 43 | 22 12 | 0 8 | 4 37 | 0 49 | T 12 |
| W 13 | 3 0 | 21 59 | 1 21 | 8 1 | 2 2 | 3 0 | 1 0 | 19 59 | 1 4 | 17 38 | 0 43 | 22 12 | 0 8 | 4 38 | 0 49 | W 13 |
| T 14 | 2 36 | 24 56 | 2 22 | 7 15 | 1 59 | 3 30 | 0 58 | 20 9 | 1 5 | 17 41 | 0 43 | 22 12 | 0 8 | 4 39 | 0 49 | T 14 |
| F 15 | 2 13 | 26 44 | 3 18 | 6 28 | 1 55 | 4 1 | 0 56 | 20 19 | 1 5 | 17 43 | 0 43 | 22 13 | 0 9 | 4 40 | 0 49 | F 15 |
| S 16 | 1 49 | 27 10 | 4 6 | 5 39 | 1 51 | 4 32 | 0 54 | 20 28 | 1 5 | 17 46 | 0 43 | 22 13 | 0 9 | 4 41 | 0 49 | S 16 |
| S 17 | 1 25 | 26 4 | 4 42 | 4 49 | 1 46 | 5 2 | 0 52 | 20 37 | 1 6 | 17 49 | 0 42 | 22 13 | 0 9 | 4 42 | 0 49 | S 17 |
| M 18 | 1 2 | 23 22 | 5 3 | 3 59 | 1 41 | 5 33 | 0 50 | 20 46 | 1 6 | 17 52 | 0 42 | 22 13 | 0 9 | 4 43 | 0 49 | M 18 |
| T 19 | 0 38 | 19 9 | 5 7 | 3 7 | 1 35 | 6 3 | 0 48 | 20 55 | 1 6 | 17 55 | 0 42 | 22 13 | 0 9 | 4 44 | 0 49 | T 19 |
| W 20 | 0 14 | 13 40 | 4 50 | 2 14 | 1 29 | 6 34 | 0 46 | 21 4 | 1 7 | 17 58 | 0 42 | 22 13 | 0 9 | 4 45 | 0 49 | W 20 |
| T 21 | 0n 9 | 7 15 | 4 13 | 1 20 | 1 22 | 7 4 | 0 43 | 21 12 | 1 7 | 18 1 | 0 42 | 22 13 | 0 9 | 4 46 | 0 49 | T 21 |
| F 22 | 0 33 | 0 21 | 3 18 | 0 26 | 1 14 | 7 34 | 0 41 | 21 21 | 1 7 | 18 4 | 0 41 | 22 14 | 0 9 | 4 47 | 0 49 | F 22 |
| S 23 | 0 57 | 6s35 | 2 9 | 0n30 | 1 6 | 8 3 | 0 39 | 21 29 | 1 8 | 18 7 | 0 41 | 22 14 | 0 9 | 4 48 | 0 49 | S 23 |
| S 24 | 1 20 | 13 4 | 0 51 | 1 26 | 0 58 | 8 33 | 0 37 | 21 37 | 1 8 | 18 10 | 0 41 | 22 14 | 0 9 | 4 49 | 0 49 | S 24 |
| M 25 | 1 44 | 18 41 | 0s29 | 2 22 | 0 49 | 9 2 | 0 34 | 21 45 | 1 8 | 18 12 | 0 41 | 22 14 | 0 9 | 4 50 | 0 49 | M 25 |
| T 26 | 2 7 | 23 3 | 1 44 | 3 19 | 0 39 | 9 32 | 0 32 | 21 53 | 1 8 | 18 15 | 0 41 | 22 14 | 0 9 | 4 51 | 0 49 | T 26 |
| W 27 | 2 31 | 25 56 | 2 52 | 4 16 | 0 30 | 10 1 | 0 30 | 22 0 | 1 9 | 18 18 | 0 41 | 22 14 | 0 10 | 4 52 | 0 49 | W 27 |
| T 28 | 2 54 | 27 13 | 3 48 | 5 14 | 0 19 | 10 29 | 0 27 | 22 8 | 1 9 | 18 21 | 0 40 | 22 14 | 0 10 | 4 53 | 0 49 | T 28 |
| F 29 | 3 18 | 26 54 | 4 30 | 6 11 | 0 9 | 10 58 | 0 25 | 22 15 | 1 9 | 18 24 | 0 40 | 22 14 | 0 10 | 4 54 | 0 48 | F 29 |
| S 30 | 3 41 | 25 10 | 4 57 | 7 8 | 0n 2 | 11 26 | 0 22 | 22 22 | 1 9 | 18 27 | 0 40 | 22 14 | 0 10 | 4 55 | 0 48 | S 30 |
| S 31 | 4n 4 | 22s14 | 5s10 | 8n 4 | 0n14 | 11n54 | 0s19 | 22n29 | 1n10 | 18n30 | 0s40 | 22n14 | 0n10 | 4n55 | 0n48 | S 31 |

Julian Day Number = 2378190.5, Delta T = 18.97 sec
Ecliptic obliquity = 23°28'02, Nutation = -0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°56'10, Lahiri = 21°03'10Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1799

geocentric

APRIL 1799

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|----------|------------|-----------|-----------|----------|------|
| M 1 | 12 37 23 | 11°15'37 | 24°33' 3 | 22°15' 5 | 3°18' 18 | 6°11' 41 | 25°30' 40 | 19°25' 25 | 19°25' 25 | 14°32' 32 | 2°24' 24 | 16°18' 18 | 17°48' 48 | 14°55' 55 | 7°53' 53 | M 1 |
| T 2 | 12 41 19 | 12°14'43 | 6°10' 10 | 24° 4' 4 | 4°31' 31 | 7°19' 19 | 25°52' 52 | 19°26' 26 | 19°26' 26 | 14°31' 31 | 2°26' 26 | 16°12' 12 | 17°45' 45 | 15° 2' 2 | 7°49' 49 | T 2 |
| W 3 | 12 45 16 | 13°13'47 | 18° 9' 9 | 26° 0' 0 | 5°45' 45 | 7°57' 57 | 26° 4' 4 | 19°28' 28 | 19°28' 28 | 14°30' 30 | 2°27' 27 | 16° 6' 6 | 17°42' 42 | 15° 8' 8 | 7°45' 45 | W 3 |
| T 4 | 12 49 12 | 14°12'49 | 0°12' 2 | 27°54' 54 | 6°58' 58 | 8°35' 35 | 26°16' 16 | 19°29' 29 | 19°29' 29 | 14°28' 28 | 2°28' 28 | 16° 0' 0 | 17°39' 39 | 15°15' 15 | 7°42' 42 | T 4 |
| F 5 | 12 53 9 | 15°11'49 | 11°52' 29 | 29°46' 46 | 8°12' 12 | 9°13' 13 | 26°28' 28 | 19°31' 31 | 19°31' 31 | 14°27' 27 | 2°30' 30 | 15°55' 55 | 17°36' 36 | 15°22' 22 | 7°37' 37 | F 5 |
| S 6 | 12 57 5 | 16°10'47 | 23°40' 18 | 34° 9' 25 | 9°25' 25 | 9°51' 51 | 26°40' 40 | 19°32' 32 | 19°32' 32 | 14°26' 26 | 2°31' 31 | 15°52' 52 | 17°32' 32 | 15°28' 28 | 7°33' 33 | S 6 |
| S 7 | 13 1 2 | 17° 9'44 | 5°28' 28 | 3°19' 19 | 10°39' 39 | 10°29' 29 | 26°53' 53 | 19°34' 34 | 19°34' 34 | 14°24' 24 | 2°32' 32 | 15°50' 50 | 17°29' 29 | 15°35' 35 | 7°29' 29 | S 7 |
| M 8 | 13 4 59 | 18° 8'38 | 17°20' 5 | 5° 0' 0 | 11°52' 52 | 11° 7' 7 | 27° 5' 5 | 19°36' 36 | 19°36' 36 | 14°23' 23 | 2°34' 34 | 15°D49' 49 | 17°26' 26 | 15°42' 42 | 7°25' 25 | M 8 |
| T 9 | 13 8 55 | 19° 7'30 | 29°16' 6 | 3°37' 37 | 13° 6' 6 | 11°45' 45 | 27°17' 17 | 19°38' 38 | 19°38' 38 | 14°21' 21 | 2°35' 35 | 15°50' 50 | 17°23' 23 | 15°48' 48 | 7°21' 21 | T 9 |
| W10 | 13 12 52 | 20° 6'20 | 11°11'22 | 8°10' 10 | 14°19' 19 | 12°23' 23 | 27°30' 30 | 19°40' 40 | 19°40' 40 | 14°20' 20 | 2°36' 36 | 15°51' 51 | 17°20' 20 | 15°55' 55 | 7°17' 17 | W10 |
| T 11 | 13 16 48 | 21° 5'07 | 23°39' 9 | 3°39' 39 | 15°32' 32 | 13° 1' 1 | 27°43' 43 | 19°43' 43 | 19°43' 43 | 14°19' 19 | 2°37' 37 | 15°53' 53 | 17°17' 17 | 16° 2' 2 | 7°12' 12 | T 11 |
| F 12 | 13 20 45 | 22° 3'53 | 6°23'12 | 11° 2' 2 | 16°46' 46 | 13°39' 39 | 27°55' 55 | 19°45' 45 | 19°45' 45 | 14°17' 17 | 2°39' 39 | 15°55' 55 | 17°13' 13 | 16° 8' 8 | 7° 8' 8 | F 12 |
| S 13 | 13 24 41 | 23° 2'36 | 19° 6' 6 | 12°21' 21 | 17°59' 59 | 14°17' 17 | 28° 8' 8 | 19°47' 47 | 18°58' 58 | 14°16' 16 | 2°40' 40 | 15°R55' 55 | 17°10' 10 | 16°15' 15 | 7° 4' 4 | S 13 |
| S 14 | 13 28 38 | 24° 1'17 | 2°22'22 | 13°34' 34 | 19°12' 12 | 14°55' 55 | 28°21' 21 | 19°50' 50 | 18°56' 56 | 14°14' 14 | 2°41' 41 | 15°55' 55 | 17° 7' 7 | 16°22' 22 | 6°59' 59 | S 14 |
| M15 | 13 32 34 | 24°59'56 | 16° 5' 5 | 14°43' 43 | 20°25' 25 | 15°33' 33 | 28°34' 34 | 19°52' 52 | 18°54' 54 | 14°13' 13 | 2°42' 42 | 15°54' 54 | 17° 4' 4 | 16°28' 28 | 6°55' 55 | M15 |
| T 16 | 13 36 31 | 25°58'32 | 0°14'14 | 15°46' 46 | 21°38' 38 | 16°11' 11 | 28°46' 46 | 19°55' 55 | 18°52' 52 | 14°11' 11 | 2°43' 43 | 15°52' 52 | 17° 1' 1 | 16°35' 35 | 6°50' 50 | T 16 |
| W17 | 13 40 28 | 26°57'07 | 14°49' 14 | 16°43' 43 | 22°51' 51 | 16°49' 49 | 28°59' 59 | 19°58' 58 | 18°50' 50 | 14°10' 10 | 2°44' 44 | 15°50' 50 | 16°57' 57 | 16°42' 42 | 6°46' 46 | W17 |
| T 18 | 13 44 24 | 27°55'39 | 29°44' 29 | 17°35' 35 | 24° 4' 4 | 17°27' 27 | 29°12' 12 | 20° 1' 1 | 18°48' 48 | 14° 8' 8 | 2°45' 45 | 15°47' 47 | 16°54' 54 | 16°48' 48 | 6°41' 41 | T 18 |
| F 19 | 13 48 21 | 28°54'09 | 14°25'53 | 18°21' 21 | 25°17' 17 | 18° 5' 5 | 29°25' 25 | 20° 4' 4 | 18°47' 47 | 14° 6' 6 | 2°46' 46 | 15°45' 45 | 16°51' 51 | 16°55' 55 | 6°37' 37 | F 19 |
| S 20 | 13 52 17 | 29°52'37 | 0°16'16 | 19° 2' 2 | 26°30' 30 | 18°43' 43 | 29°38' 38 | 20° 7' 7 | 18°45' 45 | 14° 5' 5 | 2°47' 47 | 15°44' 44 | 16°48' 48 | 17° 2' 2 | 6°32' 32 | S 20 |
| S 21 | 13 56 14 | 0°15'03 | 15°13' 13 | 19°36' 36 | 27°43' 43 | 19°21' 21 | 29°51' 51 | 20°10' 10 | 18°43' 43 | 14° 3' 3 | 2°48' 48 | 15°D44' 44 | 16°45' 45 | 17° 8' 8 | 6°27' 27 | S 21 |
| M22 | 14 0 10 | 1°49'27 | 0°16'16 | 20° 5' 5 | 28°56' 56 | 19°59' 59 | 0°11'11 | 20°14' 14 | 18°41' 41 | 14° 2' 2 | 2°49' 49 | 15°44' 44 | 16°42' 42 | 17°15' 15 | 6°23' 23 | M22 |
| T 23 | 14 4 7 | 2°47'50 | 14°37' 14 | 20°29' 29 | 0°11'11 | 20°37' 37 | 0°18'18 | 20°17' 17 | 18°40' 40 | 14° 0' 0 | 2°50' 50 | 15°45' 45 | 16°38' 38 | 17°22' 22 | 6°18' 18 | T 23 |
| W24 | 14 8 3 | 3°46'11 | 28°43' 28 | 20°46' 46 | 1°21' 21 | 21°15' 15 | 0°31'31 | 20°21' 21 | 18°38' 38 | 13°59' 59 | 2°51' 51 | 15°46' 46 | 16°35' 35 | 17°28' 28 | 6°14' 14 | W24 |
| T 25 | 14 12 0 | 4°44'31 | 12°32'22 | 20°58' 58 | 2°34' 34 | 21°53' 53 | 0°44'44 | 20°24' 24 | 18°37' 37 | 13°57' 57 | 2°52' 52 | 15°47' 47 | 16°32' 32 | 17°35' 35 | 6° 9' 9 | T 25 |
| F 26 | 14 15 57 | 5°42'49 | 25°35' 25 | 21° 4' 4 | 3°47' 47 | 22°31' 31 | 0°58'58 | 20°28' 28 | 18°35' 35 | 13°55' 55 | 2°53' 53 | 15°47' 47 | 16°29' 29 | 17°42' 42 | 6° 4' 4 | F 26 |
| S 27 | 14 19 53 | 6°41'06 | 8°25'25 | 21°R 4 | 4°59' 59 | 23° 8' 8 | 1°11'11 | 20°32' 32 | 18°34' 34 | 13°54' 54 | 2°54' 54 | 15°R48' 48 | 16°26' 26 | 17°48' 48 | 6° 0' 0 | S 27 |
| S 28 | 14 23 50 | 7°39'21 | 20°54' 20 | 21° 0' 0 | 6°12' 12 | 23°46' 46 | 1°25'25 | 20°35' 35 | 18°32' 32 | 13°52' 52 | 2°55' 55 | 15°47' 47 | 16°22' 22 | 17°55' 55 | 5°55' 55 | S 28 |
| M29 | 14 27 46 | 8°37'34 | 3°18'18 | 20°50' 20 | 7°24' 24 | 24°24' 24 | 1°38'38 | 20°39' 39 | 18°31' 31 | 13°50' 50 | 2°56' 56 | 15°47' 47 | 16°19' 19 | 18° 2' 2 | 5°50' 50 | M29 |
| T 30 | 14 31 43 | 9°35'46 | 15°18'18 | 20°35' 20 | 8°11'11 | 25°11'11 | 1°11'11 | 20°32' 32 | 18°34' 34 | 13°54' 54 | 2°54' 54 | 15°R48' 48 | 16°26' 26 | 17°48' 48 | 5°46' 46 | T 30 |

| Day | ☉ | ☾ | | ♀ | | ♀ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | |
|------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|------|------|-------|------|-------|-------|-------|-------|------|-------|------|-----|------|-----|------|-----|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat |
| M 1 | 4n28 | 18s21 | 5s 8 | 9n 0 | 0n25 | 12n22 | 0s17 | 22n36 | 1n10 | 18n33 | 0s40 | 22n13 | 0n10 | 4n56 | 0n48 | 14s28 | 1n50 | 21s39 | 11s51 | 16n44 | 17n10 | 3n18 | 13s14 | 0n58 | | | | | |
| T 2 | 4 51 | 13 47 | 4 53 | 9 55 | 0 36 | 12 49 | 0 14 | 22 43 | 1 10 | 18 36 | 0 40 | 22 13 | 0 10 | 4 57 | 0 48 | 14 28 | 1 50 | 21 39 | 11 52 | 16 42 | 17 9 | 3 21 | 13 12 | 0 59 | | | | | |
| W 3 | 5 14 | 8 45 | 4 24 | 10 48 | 0 48 | 13 16 | 0 12 | 22 49 | 1 10 | 18 39 | 0 39 | 22 13 | 0 10 | 4 58 | 0 48 | 14 27 | 1 50 | 21 39 | 11 52 | 16 40 | 17 8 | 3 25 | 13 11 | 0 59 | | | | | |
| T 4 | 5 37 | 3 25 | 3 45 | 11 40 | 1 0 | 13 43 | 0 9 | 22 55 | 1 11 | 18 42 | 0 39 | 22 13 | 0 10 | 4 59 | 0 48 | 14 27 | 1 50 | 21 38 | 11 52 | 16 39 | 17 7 | 3 28 | 13 9 | 1 0 | | | | | |
| F 5 | 6 0 | 2n 0 | 2 55 | 12 30 | 1 11 | 14 9 | 0 6 | 23 2 | 1 11 | 18 45 | 0 39 | 22 13 | 0 10 | 5 0 | 0 48 | 14 26 | 1 50 | 21 38 | 11 52 | 16 37 | 17 6 | 3 31 | 13 7 | 1 0 | | | | | |
| S 6 | 6 22 | 7 22 | 1 59 | 13 19 | 1 22 | 14 35 | 0 4 | 23 7 | 1 11 | 18 48 | 0 39 | 22 13 | 0 10 | 5 1 | 0 48 | 14 26 | 1 50 | 21 38 | 11 53 | 16 36 | 17 5 | 3 34 | 13 6 | 1 0 | | | | | |
| S 7 | 6 45 | 12 28 | 0 57 | 14 5 | 1 33 | 15 1 | 0 1 | 23 13 | 1 11 | 18 51 | 0 39 | 22 13 | 0 10 | 5 2 | 0 48 | 14 25 | 1 50 | 21 38 | 11 53 | 16 36 | 17 4 | 3 38 | 13 4 | 1 1 | | | | | |
| M 8 | 7 7 | 17 9 | 0n 8 | 14 50 | 1 43 | 15 27 | 0n 2 | 23 19 | 1 11 | 18 54 | 0 39 | 22 12 | 0 11 | 5 3 | 0 48 | 14 25 | 1 50 | 21 37 | 11 53 | 16 36 | 17 3 | 3 41 | 13 2 | 1 1 | | | | | |
| T 9 | 7 30 | 21 13 | 1 13 | 15 32 | 1 54 | 15 52 | 0 5 | 23 24 | 1 12 | 18 57 | 0 38 | 22 12 | 0 11 | 5 3 | 0 48 | 14 24 | 1 50 | 21 37 | 11 53 | 16 36 | 17 2 | 3 44 | 13 1 | 1 2 | | | | | |
| W10 | 7 52 | 24 25 | 2 16 | 16 11 | 2 3 | 16 16 | 0 7 | 23 30 | 1 12 | 19 0 | 0 38 | 22 12 | 0 11 | 5 4 | 0 48 | 14 24 | 1 50 | 21 37 | 11 54 | 16 36 | 17 2 | 3 47 | 12 59 | 1 2 | | | | | |
| T 11 | 8 14 | 26 32 | 3 13 | 16 48 | 2 12 | 16 40 | 0 10 | 23 35 | 1 12 | 19 3 | 0 38 | 22 12 | 0 11 | 5 5 | 0 48 | 14 24 | 1 50 | 21 37 | 11 54 | 16 37 | 17 1 | 3 51 | 12 57 | 1 2 | | | | | |
| F 12 | 8 36 | 27 22 | 4 3 | 17 22 | 2 20 | 17 4 | 0 13 | 23 40 | 1 12 | 19 6 | 0 38 | 22 11 | 0 11 | 5 6 | 0 48 | 14 23 | 1 50 | 21 36 | 11 54 | 16 37 | 17 0 | 3 54 | 12 55 | 1 3 | | | | | |
| S 13 | 8 58 | 26 45 | 4 42 | 17 54 | 2 27 | 17 28 | 0 16 | 23 44 | 1 12 | 19 9 | 0 38 | 22 11 | 0 11 | 5 7 | 0 48 | 14 23 | 1 50 | 21 36 | 11 54 | 16 37 | 16 59 | 3 57 | 12 53 | 1 3 | | | | | |
| S 14 | 9 20 | 24 38 | 5 7 | 18 23 | 2 34 | 17 50 | 0 18 | 23 49 | 1 13 | 19 12 | 0 38 | 22 11 | 0 11 | 5 7 | 0 48 | 14 22 | 1 50 | 21 36 | 11 55 | 16 37 | 16 58 | 4 0 | 12 52 | 1 4 | | | | | |
| M15 | 9 41 | 21 3 | 5 15 | 18 49 | 2 40 | 18 13 | 0 21 | 23 53 | 1 13 | 19 15 | 0 38 | 22 11 | 0 11 | 5 8 | 0 48 | 14 22 | 1 51 | 21 36 | 11 55 | 16 37 | 16 57 | 4 4 | 12 50 | 1 4 | | | | | |
| T 16 | 10 3 | 16 10 | 5 6 | 19 12 | 2 44 | 18 35 | 0 24 | 23 57 | 1 13 | 19 18 | 0 37 | 22 10 | 0 11 | 5 9 | 0 48 | 14 21 | 1 51 | 21 36 | 11 55 | 16 36 | 16 56 | 4 7 | 12 48 | 1 4 | | | | | |
| W17 | 10 24 | 10 14 | 4 36 | 19 32 | 2 48 | 18 56 | 0 27 | 24 1 | 1 13 | 19 21 | 0 37 | 22 10 | 0 11 | 5 9 | 0 48 | 14 21 | 1 51 | 21 36 | 11 55 | 16 36 | 16 55 | 4 10 | 12 46 | 1 5 | | | | | |
| T 18 | 10 45 | 3 35 | 3 48 | 19 50 | 2 51 | 19 17 | 0 30 | 24 5 | 1 13 | 19 24 | 0 37 | 22 10 | 0 11 | 5 10 | 0 48 | 14 20 | 1 51 | 21 35 | 11 56 | 16 35 | 16 54 | 4 13 | 12 44 | 1 5 | | | | | |
| F 19 | 11 6 | 3s22 | 2 42 | 20 4 | 2 53 | 19 38 | 0 32 | 24 9 | 1 13 | 19 27 | 0 37 | 22 9 | 0 11 | 5 11 | 0 48 | 14 20 | 1 51 | 21 35 | 11 56 | 16 35 | 16 53 | 4 17 | 12 42 | 1 6 | | | | | |
| S 20 | 11 27 | 10 11 | 1 25 | 20 16 | 2 53 | 19 58 | 0 35 | 24 12 | 1 13 | 19 30 | 0 37 | 22 9 | 0 11 | 5 12 | 0 48 | 14 19 | 1 51 | 21 35 | 11 56 | 16 34 | 16 53 | 4 20 | 12 41 | 1 6 | | | | | |
| S 21 | 11 47 | 16 22 | 0 3 | 20 25 | 2 53 | 20 17 | 0 38 | 24 16 | 1 14 | 19 33 | 0 37 | 22 8 | 0 12 | 5 12 | 0 48 | 14 19 | 1 51 | 21 35 | 11 57 | 16 34 | 16 52 | 4 23 | 12 39 | 1 6 | | | | | |
| M22 | 12 7 | 21 29 | 1s19 | 20 32 | 2 51 | 20 36 | 0 41 | 24 19 | 1 14 | 19 36 | 0 37 | 22 8 | 0 12 | 5 13 | 0 48 | 14 18 | 1 51 | 21 35 | 11 57 | 16 34 | 16 51 | 4 26 | 12 37 | 1 7 | | | | | |
| T 23 | 12 27 | 25 7 | 2 33 | 20 35 | 2 48 | 20 55 | 0 43 | 24 22 | 1 14 | 19 39 | 0 36 | 22 8 | 0 12 | 5 13 | 0 48 | 14 18 | 1 51 | 21 35 | 11 57 | 16 34 | 16 50 | 4 30 | 12 35 | 1 7 | | | | | |
| W24 | 12 47 | 27 4 | 3 36 | 20 35 | 2 43 | 21 12 | 0 46 | 24 24 | 1 14 | 19 42 | 0 36 | 22 7 | 0 12 | 5 14 | 0 48 | 14 17 | 1 51 | 21 35 | 11 58 | 16 35 | 16 49 | 4 33 | 12 33 | 1 7 | | | | | |
| T 25 | 13 7 | 27 17 | 4 25 | 20 33 | 2 38 | 21 30 | 0 49 | 24 27 | 1 14 | 19 44 | 0 36 | 22 7 | 0 12 | 5 15 | 0 48 | 14 17 | 1 51 | 21 35 | 11 58 | 16 35 | 16 48 | 4 36 | 12 31 | 1 8 | | | | | |
| F 26 | 13 26 | 25 55 | 4 58 | 20 28 | 2 31 | 21 46 | 0 51 | 24 29 | 1 14 | 19 47 | 0 36 | 22 6 | 0 12 | 5 15 | 0 48 | 14 16 | 1 51 | 21 35 | 11 58 | 16 35 | 16 47 | 4 39 | 12 29 | 1 8 | | | | | |
| S 27 | 13 46 | 23 14 | 5 15 | 20 21 | 2 23 | 22 2 | 0 54 | 24 31 | 1 14 | 19 50 | 0 36 | 22 6 | 0 12 | 5 16 | 0 48 | 14 16 | 1 51 | 21 35 | 11 58 | 16 35 | 16 46 | 4 43 | 12 27 | 1 8 | | | | | |
| S 28 | 14 5 | 19 32 | 5 16 | 20 10 | 2 14 | 22 18 | 0 57 | 24 33 | 1 14 | 19 53 | 0 36 | 22 5 | 0 12 | 5 16 | 0 48 | 14 16 | 1 51 | 21 35 | 11 59 | 16 35 | 16 45 | 4 46 | 12 26 | 1 9 | | | | | |
| M29 | 14 24 | 15 4 | 5 13 | 19 58 | 2 13 | 22 33 | 0 59 | 24 35 | 1 14 | 19 56 | 0 36 | 22 5 | 0 12 | 5 17 | 0 48 | 14 15 | 1 51 | 21 35 | 11 59 | 16 35 | 16 44 | 4 49 | 12 24 | 1 9 | | | | | |
| T 30 | 14n42 | 10s 6 | 4s37 | 19n42 | 1n51 | 22n47 | 1n 2 | 24n37 | 1n14 | 19n59 | 0s36 | 22n 4 | 0n12 | 5n17 | 0n48 | 14s15 | 1n51 | 21s35 | 11s59 | 16n35 | 16n43 | 4n52 | 12s22 | 1n10 | | | | | |

ASTRODIENST EPHEMERIS for the year 1799

geocentric

MAY 1799

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|-----------|---------|--------|--------|---------|--------|--------|--------|--------|-------|--------|--------|--------|-------|------|
| W 1 | 14 35 39 | 10°33'56 | 27°11'2 | 20°R16 | 9°II49 | 25°II40 | 2°II 5 | 20°548 | 18°R28 | 13°R47 | 2°H57 | 15°R45 | 16°B13 | 18°Y15 | 5°R41 | W 1 |
| T 2 | 14 39 36 | 11°32'05 | 8°Y51 | 19°B53 | 11° 1 | 26°18 | 2°19 | 20°52 | 18°M27 | 13°M46 | 2°58 | 15°B45 | 16°10 | 18°22 | 5°M37 | T 2 |
| F 3 | 14 43 32 | 12°30'12 | 20°39 | 19°26 | 12°14 | 26°56 | 2°32 | 20°56 | 18°26 | 13°44 | 2°59 | 15°44 | 16° 7 | 18°28 | 5°32 | F 3 |
| S 4 | 14 47 29 | 13°28'18 | 2°B28 | 18°56 | 13°26 | 27°33 | 2°46 | 21° 1 | 18°24 | 13°42 | 3° 0 | 15°44 | 16° 3 | 18°35 | 5°27 | S 4 |
| S 5 | 14 51 26 | 14°26'22 | 14°21 | 18°24 | 14°38 | 28°11 | 2°59 | 21° 5 | 18°23 | 13°41 | 3° 0 | 15°D44 | 16° 0 | 18°42 | 5°23 | S 5 |
| M 6 | 14 55 22 | 15°24'25 | 26°20 | 17°50 | 15°50 | 28°49 | 3°13 | 21°10 | 18°22 | 13°39 | 3° 1 | 15°R44 | 15°57 | 18°48 | 5°18 | M 6 |
| T 7 | 14 59 19 | 16°22'26 | 8°II27 | 17°14 | 17° 2 | 29°27 | 3°27 | 21°14 | 18°21 | 13°37 | 3° 2 | 15°44 | 15°54 | 18°55 | 5°14 | T 7 |
| W 8 | 15 3 15 | 17°20'25 | 20°44 | 16°38 | 18°14 | 0°5 5 | 3°41 | 21°19 | 18°20 | 13°36 | 3° 2 | 15°44 | 15°51 | 19° 2 | 5° 9 | W 8 |
| T 9 | 15 7 12 | 18°18'23 | 3°B13 | 16° 1 | 19°26 | 0°43 | 3°54 | 21°24 | 18°19 | 13°34 | 3° 3 | 15°43 | 15°48 | 19° 8 | 5° 5 | T 9 |
| F 10 | 15 11 8 | 19°16'19 | 15°56 | 15°25 | 20°38 | 1°21 | 4° 8 | 21°29 | 18°18 | 13°33 | 3° 4 | 15°43 | 15°44 | 19°15 | 5° 1 | F 10 |
| S 11 | 15 15 5 | 20°14'13 | 28°56 | 14°51 | 21°50 | 1°58 | 4°22 | 21°34 | 18°18 | 13°31 | 3° 4 | 15°43 | 15°41 | 19°22 | 4°56 | S 11 |
| S 12 | 15 19 1 | 21°12'05 | 12°B13 | 14°18 | 23° 2 | 2°36 | 4°36 | 21°39 | 18°17 | 13°29 | 3° 5 | 15°42 | 15°38 | 19°28 | 4°52 | S 12 |
| M13 | 15 22 58 | 22° 9'56 | 25°51 | 13°48 | 24°13 | 3°14 | 4°50 | 21°44 | 18°16 | 13°28 | 3° 5 | 15°D42 | 15°35 | 19°35 | 4°48 | M13 |
| T 14 | 15 26 55 | 23° 7'44 | 9°M50 | 13°20 | 25°25 | 3°52 | 5° 3 | 21°49 | 18°16 | 13°26 | 3° 6 | 15°43 | 15°32 | 19°42 | 4°43 | T 14 |
| W15 | 15 30 51 | 24° 5'31 | 24° 8 | 12°56 | 26°37 | 4°30 | 5°17 | 21°54 | 18°15 | 13°24 | 3° 6 | 15°43 | 15°28 | 19°48 | 4°39 | W15 |
| T 16 | 15 34 48 | 25° 3'17 | 8°B44 | 12°35 | 27°48 | 5° 7 | 5°31 | 21°59 | 18°14 | 13°23 | 3° 7 | 15°44 | 15°25 | 19°55 | 4°35 | T 16 |
| F 17 | 15 38 44 | 26° 1'00 | 23°34 | 12°18 | 29° 0 | 5°45 | 5°45 | 22° 5 | 18°14 | 13°21 | 3° 7 | 15°45 | 15°22 | 20° 2 | 4°31 | F 17 |
| S 18 | 15 42 41 | 26°58'42 | 8°M30 | 12° 5 | 0°B11 | 6°23 | 5°59 | 22°10 | 18°13 | 13°20 | 3° 8 | 15°R45 | 15°19 | 20° 8 | 4°27 | S 18 |
| S 19 | 15 46 37 | 27°56'23 | 23°26 | 11°56 | 1°22 | 7° 1 | 6°13 | 22°16 | 18°13 | 13°18 | 3° 8 | 15°45 | 15°16 | 20°15 | 4°23 | S 19 |
| M20 | 15 50 34 | 28°54'03 | 8°M13 | 11°D52 | 2°34 | 7°38 | 6°27 | 22°21 | 18°13 | 13°17 | 3° 8 | 15°44 | 15°13 | 20°22 | 4°19 | M20 |
| T 21 | 15 54 30 | 29°51'41 | 22°45 | 11°52 | 3°45 | 8°16 | 6°41 | 22°27 | 18°12 | 13°15 | 3° 9 | 15°43 | 15° 9 | 20°28 | 4°15 | T 21 |
| W22 | 15 58 27 | 0°II49'18 | 6°B55 | 11°57 | 4°56 | 8°54 | 6°55 | 22°33 | 18°12 | 13°14 | 3° 9 | 15°41 | 15° 6 | 20°35 | 4°11 | W22 |
| T 23 | 16 2 24 | 1°46'54 | 20°40 | 12° 6 | 6° 7 | 9°32 | 7° 9 | 22°39 | 18°12 | 13°12 | 3° 9 | 15°39 | 15° 3 | 20°42 | 4° 8 | T 23 |
| F 24 | 16 6 20 | 2°44'29 | 3°B59 | 12°20 | 7°18 | 10° 9 | 7°23 | 22°45 | 18°12 | 13°10 | 3°10 | 15°37 | 15° 0 | 20°48 | 4° 4 | F 24 |
| S 25 | 16 10 17 | 3°42'04 | 16°54 | 12°38 | 8°29 | 10°47 | 7°37 | 22°51 | 18°12 | 13° 9 | 3°10 | 15°36 | 14°57 | 20°55 | 4° 0 | S 25 |
| S 26 | 16 14 13 | 4°39'37 | 29°26 | 13° 1 | 9°40 | 11°25 | 7°51 | 22°57 | 18°D12 | 13° 7 | 3°10 | 15°D35 | 14°54 | 21° 2 | 3°57 | S 26 |
| M27 | 16 18 10 | 5°37'09 | 11°B41 | 13°28 | 10°50 | 12° 3 | 8° 5 | 23° 3 | 18°12 | 13° 6 | 3°10 | 15°35 | 14°50 | 21° 8 | 3°53 | M27 |
| T 28 | 16 22 6 | 6°34'41 | 23°42 | 13°59 | 12° 1 | 12°40 | 8°19 | 23° 9 | 18°12 | 13° 4 | 3°10 | 15°36 | 14°47 | 21°15 | 3°50 | T 28 |
| W29 | 16 26 3 | 7°32'11 | 5°Y34 | 14°34 | 13°12 | 13°18 | 8°33 | 23°15 | 18°12 | 13° 3 | 3°10 | 15°37 | 14°44 | 21°21 | 3°47 | W29 |
| T 30 | 16 29 59 | 8°29'41 | 17°22 | 15°14 | 14°22 | 13°56 | 8°47 | 23°21 | 18°12 | 13° 2 | 3°11 | 15°39 | 14°41 | 21°28 | 3°43 | T 30 |
| F 31 | 16 33 56 | 9°II27'10 | 29°Y11 | 15°B57 | 15°B33 | 14°B33 | 9°II 0 | 23°B27 | 18°M12 | 13°M 0 | 3°H11 | 15°B40 | 14°B38 | 21°Y35 | 3°M40 | F 31 |

| Day | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|------|------|-------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | lat |
| W 1 | 15n 1 | 4s50 | 3s59 | 19n25 | 1n38 | 23n 1 | 1n 5 | 24n38 | 1n15 | 20n 1 | 0s35 | 22n 4 | 0n12 | 5n18 | 0n48 | 14s14 |
| T 2 | 15 19 | 0n36 | 3 11 | 19 5 | 1 25 | 23 14 | 1 7 | 24 40 | 1 15 | 20 4 | 0 35 | 22 3 | 0 12 | 5 18 | 0 48 | 14 14 |
| F 3 | 15 36 | 5 59 | 2 15 | 18 44 | 1 10 | 23 26 | 1 10 | 24 41 | 1 15 | 20 7 | 0 35 | 22 2 | 0 12 | 5 19 | 0 48 | 14 13 |
| S 4 | 15 54 | 11 12 | 1 13 | 18 20 | 0 54 | 23 38 | 1 12 | 24 41 | 1 15 | 20 10 | 0 35 | 22 2 | 0 12 | 5 19 | 0 47 | 14 13 |
| S 5 | 16 11 | 16 3 | 0 8 | 17 56 | 0 38 | 23 49 | 1 15 | 24 42 | 1 15 | 20 13 | 0 35 | 22 1 | 0 13 | 5 19 | 0 47 | 14 12 |
| M 6 | 16 28 | 20 18 | 0n59 | 17 30 | 0 21 | 23 59 | 1 17 | 24 43 | 1 15 | 20 15 | 0 35 | 22 0 | 0 13 | 5 20 | 0 47 | 14 12 |
| T 7 | 16 45 | 23 46 | 2 3 | 17 3 | 0 4 | 24 9 | 1 19 | 24 43 | 1 15 | 20 18 | 0 35 | 22 0 | 0 13 | 5 20 | 0 47 | 14 11 |
| W 8 | 17 2 | 26 11 | 3 2 | 16 36 | 0s14 | 24 18 | 1 22 | 24 43 | 1 15 | 20 21 | 0 35 | 21 59 | 0 13 | 5 21 | 0 47 | 14 11 |
| T 9 | 17 18 | 27 20 | 3 54 | 16 9 | 0 31 | 24 27 | 1 24 | 24 43 | 1 15 | 20 23 | 0 34 | 21 58 | 0 13 | 5 21 | 0 47 | 14 10 |
| F 10 | 17 34 | 27 5 | 4 36 | 15 42 | 0 49 | 24 34 | 1 26 | 24 43 | 1 15 | 20 26 | 0 34 | 21 58 | 0 13 | 5 21 | 0 47 | 14 10 |
| S 11 | 17 50 | 25 21 | 5 4 | 15 16 | 1 6 | 24 41 | 1 29 | 24 42 | 1 15 | 20 29 | 0 34 | 21 57 | 0 13 | 5 21 | 0 47 | 14 9 |
| S 12 | 18 5 | 22 13 | 5 17 | 14 50 | 1 22 | 24 48 | 1 31 | 24 42 | 1 15 | 20 31 | 0 34 | 21 56 | 0 13 | 5 22 | 0 47 | 14 9 |
| M13 | 18 20 | 17 49 | 5 12 | 14 26 | 1 38 | 24 53 | 1 33 | 24 41 | 1 15 | 20 34 | 0 34 | 21 56 | 0 13 | 5 22 | 0 47 | 14 8 |
| T 14 | 18 35 | 12 22 | 4 50 | 14 3 | 1 54 | 24 58 | 1 35 | 24 40 | 1 15 | 20 37 | 0 34 | 21 55 | 0 13 | 5 22 | 0 47 | 14 8 |
| W15 | 18 49 | 6 8 | 4 9 | 13 42 | 2 8 | 25 2 | 1 37 | 24 39 | 1 15 | 20 39 | 0 34 | 21 54 | 0 13 | 5 22 | 0 47 | 14 7 |
| T 16 | 19 3 | 0s32 | 3 11 | 13 23 | 2 22 | 25 6 | 1 39 | 24 37 | 1 15 | 20 42 | 0 34 | 21 53 | 0 13 | 5 23 | 0 47 | 14 7 |
| F 17 | 19 17 | 7 18 | 2 0 | 13 5 | 2 35 | 25 8 | 1 41 | 24 36 | 1 15 | 20 44 | 0 34 | 21 53 | 0 13 | 5 23 | 0 47 | 14 6 |
| S 18 | 19 30 | 13 43 | 0 40 | 12 50 | 2 46 | 25 10 | 1 42 | 24 34 | 1 15 | 20 47 | 0 34 | 21 52 | 0 13 | 5 23 | 0 47 | 14 6 |
| S 19 | 19 43 | 19 20 | 0s42 | 12 37 | 2 57 | 25 12 | 1 44 | 24 32 | 1 15 | 20 49 | 0 33 | 21 51 | 0 14 | 5 23 | 0 47 | 14 6 |
| M20 | 19 56 | 23 42 | 2 1 | 12 27 | 3 7 | 25 12 | 1 46 | 24 30 | 1 15 | 20 52 | 0 33 | 21 50 | 0 14 | 5 23 | 0 47 | 14 5 |
| T 21 | 20 9 | 26 27 | 3 11 | 12 19 | 3 15 | 25 12 | 1 48 | 24 28 | 1 15 | 20 54 | 0 33 | 21 49 | 0 14 | 5 23 | 0 47 | 14 5 |
| W22 | 20 21 | 27 24 | 4 7 | 12 13 | 3 23 | 25 12 | 1 49 | 24 25 | 1 15 | 20 57 | 0 33 | 21 48 | 0 14 | 5 23 | 0 47 | 14 4 |
| T 23 | 20 33 | 26 36 | 4 47 | 12 10 | 3 29 | 25 10 | 1 51 | 24 23 | 1 15 | 20 59 | 0 33 | 21 47 | 0 14 | 5 23 | 0 47 | 14 4 |
| F 24 | 20 44 | 24 17 | 5 10 | 12 9 | 3 34 | 25 8 | 1 52 | 24 20 | 1 15 | 21 2 | 0 33 | 21 47 | 0 14 | 5 23 | 0 47 | 14 3 |
| S 25 | 20 55 | 20 48 | 5 16 | 12 11 | 3 39 | 25 5 | 1 53 | 24 17 | 1 15 | 21 4 | 0 33 | 21 46 | 0 14 | 5 23 | 0 47 | 14 3 |
| S 26 | 21 6 | 16 28 | 5 7 | 12 14 | 3 42 | 25 1 | 1 55 | 24 14 | 1 15 | 21 6 | 0 33 | 21 45 | 0 14 | 5 23 | 0 47 | 14 2 |
| M27 | 21 16 | 11 34 | 4 44 | 12 20 | 3 44 | 24 57 | 1 56 | 24 10 | 1 15 | 21 9 | 0 33 | 21 44 | 0 14 | 5 23 | 0 47 | 14 2 |
| T 28 | 21 26 | 6 19 | 4 9 | 12 28 | 3 45 | 24 52 | 1 57 | 24 7 | 1 15 | 21 11 | 0 33 | 21 43 | 0 14 | 5 23 | 0 46 | 14 2 |
| W29 | 21 36 | 0 54 | 3 24 | 12 38 | 3 46 | 24 46 | 1 58 | 24 3 | 1 15 | 21 13 | 0 32 | 21 42 | 0 14 | 5 23 | 0 46 | 14 1 |
| T 30 | 21 45 | 4n31 | 2 30 | 12 50 | 3 45 | 24 40 | 1 59 | 23 59 | 1 15 | 21 15 | 0 32 | 21 41 | 0 14 | 5 23 | 0 46 | 14 1 |
| F 31 | 21n54 | 9n48 | 1s30 | 13n 3 | 3s44 | 24n33 | 2n 0 | 23n55 | 1n15 | 21n18 | 0s32 | 21n40 | 0n14 | 5n23 | 0n46 | 14s 0 |

Julian Day Number = 2378251.5, Delta T = 18.89 sec
 Ecliptic obliquity = 23°28'02, Nutation = - 0°00'13, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°56'18, Lahiri = 21°03'19Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1799

geocentric

JUNE 1799

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|------------------------|---------------------|----------------------|----------------------|----------------------|---------------------|----------------------|----------------------|-----------------------|---------------------|-----------------------|----------------------|-----------------------|----------------------|------|
| S 1 | 16 37 53 | 10 ^{II} 24'38 | 11 ^{III} 3 | 16 ^{III} 44 | 16 ^{III} 43 | 15 ^{III} 11 | 9 ^{II} 14 | 23 ^{III} 34 | 18 ^{III} 13 | 12 ^{III} R59 | 3 ^{III} 11 | 15 ^{III} R41 | 14 ^{III} 34 | 21 ^{III} Y41 | 3 ^{III} R37 | S 1 |
| S 2 | 16 41 49 | 11°22'06 | 23° 3 | 17°34 | 17°54 | 15°49 | 9°28 | 23°40 | 18°13 | 12 ^{III} M57 | 3°11 | 15 ^{III} 841 | 14°31 | 21°48 | 3 ^{III} M34 | S 2 |
| M 3 | 16 45 46 | 12°19'33 | 5 ^{II} 12 | 18°29 | 19° 4 | 16°27 | 9°42 | 23°47 | 18°13 | 12°56 | 3°R11 | 15°40 | 14°28 | 21°55 | 3°31 | M 3 |
| T 4 | 16 49 42 | 13°16'58 | 17°33 | 19°26 | 20°14 | 17° 4 | 9°56 | 23°53 | 18°14 | 12°55 | 3°11 | 15°37 | 14°25 | 22° 1 | 3°28 | T 4 |
| W 5 | 16 53 39 | 14°14'23 | 0 ^{III} 7 | 20°28 | 21°24 | 17°42 | 10°10 | 24° 0 | 18°14 | 12°53 | 3°11 | 15°33 | 14°22 | 22° 8 | 3°26 | W 5 |
| T 6 | 16 57 35 | 15°11'47 | 12°55 | 21°32 | 22°34 | 18°20 | 10°24 | 24° 6 | 18°15 | 12°52 | 3°11 | 15°29 | 14°19 | 22°15 | 3°23 | T 6 |
| F 7 | 17 1 32 | 16° 9'11 | 25°56 | 22°40 | 23°44 | 18°58 | 10°38 | 24°13 | 18°15 | 12°51 | 3°11 | 15°24 | 14°15 | 22°21 | 3°21 | F 7 |
| S 8 | 17 5 28 | 17° 6'33 | 9 ^{II} 11 | 23°52 | 24°54 | 19°35 | 10°52 | 24°20 | 18°16 | 12°49 | 3°11 | 15°19 | 14°12 | 22°28 | 3°18 | S 8 |
| S 9 | 17 9 25 | 18° 3'54 | 22°40 | 25° 6 | 26° 4 | 20°13 | 11° 6 | 24°26 | 18°17 | 12°48 | 3°10 | 15°16 | 14° 9 | 22°35 | 3°16 | S 9 |
| M10 | 17 13 22 | 19° 1'14 | 6 ^{III} 22 | 26°24 | 27°13 | 20°51 | 11°20 | 24°33 | 18°18 | 12°47 | 3°10 | 15°14 | 14° 6 | 22°41 | 3°13 | M10 |
| T 11 | 17 17 18 | 19°58'33 | 20°17 | 27°44 | 28°23 | 21°28 | 11°34 | 24°40 | 18°18 | 12°46 | 3°10 | 15°D13 | 14° 3 | 22°48 | 3°11 | T 11 |
| W12 | 17 21 15 | 20°55'51 | 4 ^{II} 24 | 29° 8 | 29°32 | 22° 6 | 11°48 | 24°47 | 18°19 | 12°44 | 3°10 | 15°14 | 14° 0 | 22°55 | 3° 9 | W12 |
| T 13 | 17 25 11 | 21°53'08 | 18°43 | 0 ^{II} 35 | 0 ^{II} 42 | 22°44 | 12° 2 | 24°54 | 18°20 | 12°43 | 3°10 | 15°15 | 13°56 | 23° 1 | 3° 7 | T 13 |
| F 14 | 17 29 8 | 22°50'25 | 3 ^{III} 10 | 2° 5 | 1°51 | 23°21 | 12°15 | 25° 1 | 18°21 | 12°42 | 3° 9 | 15°16 | 13°53 | 23° 8 | 3° 5 | F 14 |
| S 15 | 17 33 4 | 23°47'40 | 17°42 | 3°38 | 3° 0 | 23°59 | 12°29 | 25° 8 | 18°22 | 12°41 | 3° 9 | 15°R17 | 13°50 | 23°15 | 3° 3 | S 15 |
| S 16 | 17 37 1 | 24°44'55 | 2 ^{III} 16 | 5°13 | 4° 9 | 24°37 | 12°43 | 25°15 | 18°23 | 12°40 | 3° 9 | 15°16 | 13°47 | 23°21 | 3° 2 | S 16 |
| M17 | 17 40 57 | 25°42'10 | 16°44 | 6°52 | 5°18 | 25°14 | 12°57 | 25°22 | 18°24 | 12°39 | 3° 8 | 15°13 | 13°44 | 23°28 | 3° 0 | M17 |
| T 18 | 17 44 54 | 26°39'24 | 1 ^{III} 1 | 8°34 | 6°27 | 25°52 | 13°11 | 25°29 | 18°26 | 12°38 | 3° 8 | 15° 8 | 13°40 | 23°35 | 2°59 | T 18 |
| W19 | 17 48 51 | 27°36'37 | 15° 3 | 10°19 | 7°36 | 26°30 | 13°24 | 25°36 | 18°27 | 12°37 | 3° 8 | 15° 2 | 13°37 | 23°41 | 2°57 | W19 |
| T 20 | 17 52 47 | 28°33'50 | 28°44 | 12° 6 | 8°44 | 27° 8 | 13°38 | 25°43 | 18°28 | 12°36 | 3° 7 | 14°55 | 13°34 | 23°48 | 2°56 | T 20 |
| F 21 | 17 56 44 | 29°31'03 | 12 ^{III} 2 | 13°56 | 9°53 | 27°45 | 13°52 | 25°51 | 18°29 | 12°35 | 3° 7 | 14°48 | 13°31 | 23°55 | 2°55 | F 21 |
| S 22 | 18 0 40 | 0 ^{III} 28'16 | 24°58 | 15°49 | 11° 1 | 28°23 | 14° 5 | 25°58 | 18°31 | 12°34 | 3° 7 | 14°42 | 13°28 | 24° 1 | 2°54 | S 22 |
| S 23 | 18 4 37 | 1°25'28 | 7 ^{III} 32 | 17°45 | 12° 9 | 29° 1 | 14°19 | 26° 5 | 18°32 | 12°33 | 3° 6 | 14°38 | 13°25 | 24° 8 | 2°53 | S 23 |
| M24 | 18 8 33 | 2°22'41 | 19°48 | 19°43 | 13°17 | 29°38 | 14°33 | 26°12 | 18°34 | 12°32 | 3° 6 | 14°35 | 13°21 | 24°15 | 2°52 | M24 |
| T 25 | 18 12 30 | 3°19'53 | 1°Y50 | 21°43 | 14°25 | 0 ^{II} 16 | 14°46 | 26°20 | 18°35 | 12°31 | 3° 5 | 14°D34 | 13°18 | 24°21 | 2°51 | T 25 |
| W26 | 18 16 27 | 4°17'06 | 13°42 | 23°46 | 15°33 | 0°54 | 15° 0 | 26°27 | 18°37 | 12°30 | 3° 5 | 14°34 | 13°15 | 24°28 | 2°50 | W26 |
| T 27 | 18 20 23 | 5°14'18 | 25°31 | 25°50 | 16°41 | 1°31 | 15°13 | 26°35 | 18°38 | 12°29 | 3° 4 | 14°35 | 13°12 | 24°34 | 2°50 | T 27 |
| F 28 | 18 24 20 | 6°11'31 | 7 ^{III} 21 | 27°56 | 17°49 | 2° 9 | 15°27 | 26°42 | 18°40 | 12°28 | 3° 3 | 14°36 | 13° 9 | 24°41 | 2°49 | F 28 |
| S 29 | 18 28 16 | 7° 8'44 | 19°17 | 0 ^{III} 3 | 18°56 | 2°47 | 15°40 | 26°49 | 18°42 | 12°28 | 3° 3 | 14°R37 | 13° 6 | 24°48 | 2°49 | S 29 |
| S 30 | 18 32 13 | 8 ^{III} 5'57 | 1 ^{II} 23 | 2 ^{III} 12 | 20 ^{II} 3 | 3 ^{II} 25 | 15 ^{II} 54 | 26 ^{III} 57 | 18 ^{III} 44 | 12 ^{III} M27 | 3 ^{III} 2 | 14 ^{III} 35 | 13 ^{III} 2 | 24 ^{III} Y54 | 2 ^{III} M49 | S 30 |

| Day | ☉ | ☾ | | ♀ | | ♀ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | |
|------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|------|------|-------|------|-------|-------|-------|-------|------|-------|------|-----|------|-----|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat |
| S 1 | 22n 2 | 14n45 | 0s26 | 13n19 | 3s42 | 24n25 | 2n 1 | 23n51 | 1n15 | 21n20 | 0s32 | 21n39 | 0n14 | 5n23 | 0n46 | 14s 0 | 1n50 | 21s39 | 12s10 | 16n33 | 16n14 | 6n36 | 11s30 | 1n19 | | | |
| S 2 | 22 10 | 19 12 | 0n40 | 13 36 | 3 39 | 24 17 | 2 2 | 23 46 | 1 15 | 21 22 | 0 32 | 21 38 | 0 15 | 5 22 | 0 46 | 14 0 | 1 50 | 21 40 | 12 10 | 16 33 | 16 13 | 6 39 | 11 29 | 1 19 | | | |
| M 3 | 22 18 | 22 55 | 1 45 | 13 54 | 3 35 | 24 8 | 2 2 | 23 42 | 1 15 | 21 24 | 0 32 | 21 37 | 0 15 | 5 22 | 0 46 | 13 59 | 1 50 | 21 40 | 12 11 | 16 33 | 16 12 | 6 43 | 11 27 | 1 20 | | | |
| T 4 | 22 25 | 25 38 | 2 46 | 14 14 | 3 30 | 23 58 | 2 3 | 23 37 | 1 15 | 21 26 | 0 32 | 21 36 | 0 15 | 5 22 | 0 46 | 13 59 | 1 50 | 21 40 | 12 11 | 16 32 | 16 11 | 6 46 | 11 26 | 1 20 | | | |
| W 5 | 22 32 | 27 8 | 3 40 | 14 35 | 3 25 | 23 47 | 2 3 | 23 32 | 1 15 | 21 29 | 0 32 | 21 35 | 0 15 | 5 22 | 0 46 | 13 58 | 1 50 | 21 40 | 12 11 | 16 31 | 16 10 | 6 49 | 11 25 | 1 20 | | | |
| T 6 | 22 39 | 27 13 | 4 24 | 14 57 | 3 19 | 23 36 | 2 4 | 23 27 | 1 15 | 21 31 | 0 32 | 21 34 | 0 15 | 5 22 | 0 46 | 13 58 | 1 50 | 21 41 | 12 12 | 16 30 | 16 9 | 6 52 | 11 24 | 1 20 | | | |
| F 7 | 22 45 | 25 48 | 4 55 | 15 21 | 3 13 | 23 25 | 2 4 | 23 22 | 1 15 | 21 33 | 0 32 | 21 32 | 0 15 | 5 21 | 0 46 | 13 58 | 1 50 | 21 41 | 12 12 | 16 28 | 16 8 | 6 56 | 11 23 | 1 21 | | | |
| S 8 | 22 51 | 22 58 | 5 10 | 15 45 | 3 6 | 23 12 | 2 4 | 23 16 | 1 15 | 21 35 | 0 32 | 21 31 | 0 15 | 5 21 | 0 46 | 13 57 | 1 50 | 21 42 | 12 13 | 16 27 | 16 7 | 6 59 | 11 22 | 1 21 | | | |
| S 9 | 22 56 | 18 51 | 5 10 | 16 11 | 2 58 | 23 0 | 2 4 | 23 11 | 1 15 | 21 37 | 0 32 | 21 30 | 0 15 | 5 21 | 0 46 | 13 57 | 1 50 | 21 42 | 12 13 | 16 26 | 16 6 | 7 2 | 11 21 | 1 21 | | | |
| M10 | 23 1 | 13 42 | 4 51 | 16 37 | 2 50 | 22 46 | 2 4 | 23 5 | 1 15 | 21 39 | 0 31 | 21 29 | 0 15 | 5 20 | 0 46 | 13 57 | 1 50 | 21 42 | 12 13 | 16 25 | 16 5 | 7 5 | 11 20 | 1 21 | | | |
| T 11 | 23 5 | 7 46 | 4 16 | 17 3 | 2 42 | 22 32 | 2 4 | 22 59 | 1 15 | 21 41 | 0 31 | 21 28 | 0 15 | 5 20 | 0 46 | 13 56 | 1 50 | 21 43 | 12 14 | 16 25 | 16 4 | 7 9 | 11 19 | 1 21 | | | |
| W12 | 23 9 | 1 23 | 3 24 | 17 30 | 2 32 | 22 17 | 2 4 | 22 53 | 1 15 | 21 43 | 0 31 | 21 27 | 0 15 | 5 20 | 0 46 | 13 56 | 1 50 | 21 43 | 12 14 | 16 25 | 16 3 | 7 12 | 11 18 | 1 22 | | | |
| T 13 | 23 13 | 5s11 | 2 20 | 17 58 | 2 23 | 22 2 | 2 4 | 22 47 | 1 15 | 21 45 | 0 31 | 21 26 | 0 15 | 5 19 | 0 46 | 13 56 | 1 50 | 21 43 | 12 14 | 16 26 | 16 2 | 7 15 | 11 17 | 1 22 | | | |
| F 14 | 23 16 | 11 33 | 1 6 | 18 26 | 2 13 | 21 46 | 2 3 | 22 40 | 1 15 | 21 46 | 0 31 | 21 24 | 0 15 | 5 19 | 0 46 | 13 55 | 1 50 | 21 44 | 12 15 | 16 26 | 16 2 | 7 18 | 11 16 | 1 22 | | | |
| S 15 | 23 19 | 17 21 | 0s13 | 18 54 | 2 3 | 21 30 | 2 3 | 22 34 | 1 15 | 21 48 | 0 31 | 21 23 | 0 16 | 5 18 | 0 46 | 13 55 | 1 50 | 21 44 | 12 15 | 16 26 | 16 1 | 7 21 | 11 15 | 1 22 | | | |
| S 16 | 23 22 | 22 7 | 1 31 | 19 22 | 1 52 | 21 13 | 2 2 | 22 27 | 1 14 | 21 50 | 0 31 | 21 22 | 0 16 | 5 18 | 0 46 | 13 55 | 1 50 | 21 45 | 12 15 | 16 26 | 16 0 | 7 25 | 11 15 | 1 23 | | | |
| M17 | 23 24 | 25 30 | 2 42 | 19 49 | 1 41 | 20 56 | 2 2 | 22 20 | 1 14 | 21 52 | 0 31 | 21 21 | 0 16 | 5 17 | 0 46 | 13 54 | 1 50 | 21 45 | 12 16 | 16 25 | 15 59 | 7 28 | 11 14 | 1 23 | | | |
| T 18 | 23 25 | 27 10 | 3 43 | 20 17 | 1 30 | 20 38 | 2 1 | 22 13 | 1 14 | 21 54 | 0 31 | 21 20 | 0 16 | 5 17 | 0 46 | 13 54 | 1 50 | 21 46 | 12 16 | 16 24 | 15 58 | 7 31 | 11 13 | 1 23 | | | |
| W19 | 23 27 | 27 3 | 4 28 | 20 44 | 1 18 | 20 19 | 2 0 | 22 6 | 1 14 | 21 56 | 0 31 | 21 18 | 0 16 | 5 16 | 0 46 | 13 54 | 1 50 | 21 46 | 12 16 | 16 22 | 15 57 | 7 34 | 11 13 | 1 23 | | | |
| T 20 | 23 28 | 25 17 | 4 57 | 21 10 | 1 7 | 20 1 | 1 59 | 21 58 | 1 14 | 21 57 | 0 31 | 21 17 | 0 16 | 5 16 | 0 45 | 13 54 | 1 50 | 21 46 | 12 17 | 16 20 | 15 56 | 7 38 | 11 12 | 1 23 | | | |
| F 21 | 23 28 | 22 8 | 5 8 | 21 35 | 0 55 | 19 41 | 1 58 | 21 51 | 1 14 | 21 59 | 0 31 | 21 16 | 0 16 | 5 15 | 0 45 | 13 53 | 1 50 | 21 47 | 12 17 | 16 18 | 15 55 | 7 41 | 11 11 | 1 24 | | | |
| S 22 | 23 28 | 17 59 | 5 4 | 22 0 | 0 43 | 19 21 | 1 57 | 21 43 | 1 14 | 22 1 | 0 31 | 21 15 | 0 16 | 5 15 | 0 45 | 13 53 | 1 49 | 21 47 | 12 17 | 16 16 | 15 54 | 7 44 | 11 11 | 1 24 | | | |
| S 23 | 23 28 | 13 9 | 4 45 | 22 23 | 0 32 | 19 1 | 1 55 | 21 35 | 1 14 | 22 2 | 0 31 | 21 13 | 0 16 | 5 14 | 0 45 | 13 53 | 1 49 | 21 48 | 12 17 | 16 15 | 15 53 | 7 47 | 11 10 | 1 24 | | | |
| M24 | 23 27 | 7 55 | 4 13 | 22 44 | 0 20 | 18 40 | 1 54 | 21 27 | 1 14 | 22 4 | 0 30 | 21 12 | 0 16 | 5 13 | 0 45 | 13 53 | 1 49 | 21 48 | 12 18 | 16 14 | 15 52 | 7 50 | 11 10 | 1 24 | | | |
| T 25 | 23 25 | 2 29 | 3 30 | 23 4 | 0 9 | 18 19 | 1 52 | 21 19 | 1 14 | 22 6 | 0 30 | 21 11 | 0 16 | 5 13 | 0 45 | 13 52 | 1 49 | 21 49 | 12 18 | 16 14 | 15 51 | 7 54 | 11 9 | 1 24 | | | |
| W26 | 23 24 | 2n58 | 2 39 | 23 22 | 0n 3 | 17 57 | 1 51 | 21 11 | 1 14 | 22 7 | 0 30 | 21 9 | 0 16 | 5 12 | 0 45 | 13 52 | 1 49 | 21 49 | 12 18 | 16 14 | 15 50 | 7 57 | 11 9 | 1 24 | | | |
| T 27 | 23 22 | 8 18 | 1 41 | 23 38 | 0 14 | 17 35 | 1 49 | 21 2 | 1 13 | 22 9 | 0 30 | 21 8 | 0 16 | 5 11 | 0 45 | 13 52 | 1 49 | 21 50 | 12 19 | 16 14 | 15 49 | 8 0 | 11 9 | 1 25 | | | |
| F 28 | 23 19 | 13 22 | 0 39 | 23 51 | 0 24 | 17 13 | 1 47 | 20 54 | 1 13 | 22 10 | 0 30 | 21 7 | 0 17 | 5 11 | 0 45 | 13 52 | 1 49 | 21 50 | 12 19 | 16 14 | 15 48 | 8 3 | 11 8 | 1 25 | | | |
| S 29 | 23 16 | 17 58 | 0n25 | 24 3 | 0 35 | 16 50 | 1 45 | 20 45 | 1 13 | 22 12 | 0 30 | 21 5 | 0 17 | 5 10 | 0 45 | 13 52 | 1 49 | 21 51 | 12 19 | 16 14 | 15 47 | 8 6 | 11 8 | 1 25 | | | |
| S 30 | 23n13 | 21n55 | 1n29 | 24n11 | 0n44 | 16n27 | 1n43 | 20n36 | 1n13 | 22n13 | 0s30 | 21n 4 | 0n17 | 5n 9 | 0n45 | 13s51 | 1n49 | 21s51 | 12s20 | 16n14 | 15n46 | 8n10 | 11s 8 | 1n25 | | | |

ASTRODIENST EPHEMERIS for the year 1799
geocentric

JULY 1799

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | ♈ | ♉ | Day |
|------|----------|-----------------------|---------------------|--------------------|---------------------|---------------------|---------------------|--------------------|---------------------|---------------------|--------------------|---------------------|---------------------|---------------------|--------------------|------|
| M 1 | 18 36 9 | 9 ⁵⁵ 3'10 | 13 ¹¹ 43 | 4 ⁵² 21 | 21 ¹⁰ 11 | 4 ¹⁰ 2 | 16 ¹¹ 7 | 27 ⁵⁶ 4 | 18 ¹⁰ 45 | 12 ¹⁰ 26 | 3 ¹⁰ 2 | 14 ¹⁰ 31 | 12 ¹⁰ 59 | 25 ¹⁰ 1 | 2 ¹⁰ 49 | M 1 |
| T 2 | 18 40 6 | 10 ⁰ 0'23 | 26 ¹⁰ 19 | 6 ³¹ | 22 ¹⁸ | 4 ⁴⁰ | 16 ²⁰ | 27 ¹² | 18 ⁴⁷ | 12 ¹⁰ 25 | 3 ¹⁰ 1 | 14 ¹⁰ 25 | 12 ¹⁰ 56 | 25 ¹⁰ 8 | 2 ¹⁰ 49 | T 2 |
| W 3 | 18 44 2 | 10 ⁵⁷ 37 | 9 ⁵⁵ 11 | 8 ⁴¹ | 23 ²⁵ | 5 ¹⁸ | 16 ³⁴ | 27 ¹⁹ | 18 ⁴⁹ | 12 ²⁵ | 3 ⁰ | 14 ¹⁷ | 12 ⁵³ | 25 ¹⁴ | 2 ¹⁰ 49 | W 3 |
| T 4 | 18 47 59 | 11 ⁵⁴ '50 | 22 ²¹ | 10 ⁵² | 24 ³¹ | 5 ⁵⁵ | 16 ⁴⁷ | 27 ²⁷ | 18 ⁵¹ | 12 ²⁴ | 3 ⁰ | 14 ⁸ | 12 ⁵⁰ | 25 ²¹ | 2 ⁴⁹ | T 4 |
| F 5 | 18 51 56 | 12 ⁵² '04 | 5 ¹⁰ 46 | 13 ² | 25 ³⁸ | 6 ³³ | 17 ⁰ | 27 ³⁵ | 18 ⁵³ | 12 ²³ | 2 ⁵⁹ | 13 ⁵⁸ | 12 ⁴⁶ | 25 ²⁸ | 2 ⁴⁹ | F 5 |
| S 6 | 18 55 52 | 13 ⁴⁹ '17 | 19 ²⁴ | 15 ¹¹ | 26 ⁴⁴ | 7 ¹¹ | 17 ¹³ | 27 ⁴² | 18 ⁵⁵ | 12 ²³ | 2 ⁵⁸ | 13 ⁴⁹ | 12 ⁴³ | 25 ³⁴ | 2 ⁵⁰ | S 6 |
| S 7 | 18 59 49 | 14 ⁴⁶ '30 | 3 ¹⁰ 13 | 17 ²⁰ | 27 ⁵¹ | 7 ⁴⁹ | 17 ²⁶ | 27 ⁵⁰ | 18 ⁵⁷ | 12 ²² | 2 ⁵⁷ | 13 ⁴² | 12 ⁴⁰ | 25 ⁴¹ | 2 ⁵⁰ | S 7 |
| M 8 | 19 3 45 | 15 ⁴³ '43 | 17 ⁹ | 19 ²⁸ | 28 ⁵⁷ | 8 ²⁶ | 17 ³⁹ | 27 ⁵⁸ | 18 ⁵⁹ | 12 ²² | 2 ⁵⁷ | 13 ³⁶ | 12 ³⁷ | 25 ⁴⁸ | 2 ⁵¹ | M 8 |
| T 9 | 19 7 42 | 16 ⁴⁰ '57 | 1 ¹⁰ 11 | 21 ³⁴ | 0 ¹⁰ 3 | 9 ⁴ | 17 ⁵³ | 28 ⁵ | 19 ² | 12 ²¹ | 2 ⁵⁶ | 13 ³³ | 12 ³⁴ | 25 ⁵⁴ | 2 ⁵² | T 9 |
| W10 | 19 11 38 | 17 ³⁸ '10 | 15 ¹⁷ | 23 ⁴⁰ | 1 ⁸ | 9 ⁴² | 18 ⁶ | 28 ¹³ | 19 ⁴ | 12 ²¹ | 2 ⁵⁵ | 13 ³² | 12 ³¹ | 26 ¹ | 2 ⁵² | W10 |
| T 11 | 19 15 35 | 18 ³⁵ '23 | 29 ²⁶ | 25 ⁴⁴ | 2 ¹⁴ | 10 ²⁰ | 18 ¹⁸ | 28 ²¹ | 19 ⁶ | 12 ²⁰ | 2 ⁵⁴ | 13 ³² | 12 ²⁷ | 26 ⁸ | 2 ⁵³ | T 11 |
| F 12 | 19 19 31 | 19 ³² '36 | 13 ¹⁰ 46 | 27 ⁴⁶ | 3 ¹⁹ | 10 ⁵⁷ | 18 ³¹ | 28 ²⁸ | 19 ⁸ | 12 ²⁰ | 2 ⁵³ | 13 ³⁰ | 12 ²⁴ | 26 ¹⁴ | 2 ⁵⁴ | F 12 |
| S 13 | 19 23 28 | 20 ²⁹ '49 | 27 ⁴⁷ | 29 ⁴⁷ | 4 ²⁵ | 11 ³⁵ | 18 ⁴⁴ | 28 ³⁶ | 19 ¹¹ | 12 ¹⁹ | 2 ⁵² | 13 ³² | 12 ²¹ | 26 ²¹ | 2 ⁵⁶ | S 13 |
| S 14 | 19 27 25 | 21 ²⁷ '02 | 11 ¹⁰ 55 | 1 ¹⁰ 46 | 5 ³⁰ | 12 ¹³ | 18 ⁵⁷ | 28 ⁴⁴ | 19 ¹³ | 12 ¹⁹ | 2 ⁵² | 13 ²⁹ | 12 ¹⁸ | 26 ²⁸ | 2 ⁵⁷ | S 14 |
| M15 | 19 31 21 | 22 ²⁴ '16 | 25 ⁵⁸ | 3 ⁴³ | 6 ³⁴ | 12 ⁵¹ | 19 ¹⁰ | 28 ⁵¹ | 19 ¹⁶ | 12 ¹⁹ | 2 ⁵¹ | 13 ²⁴ | 12 ¹⁵ | 26 ³⁴ | 2 ⁵⁸ | M15 |
| T 16 | 19 35 18 | 23 ²¹ '30 | 9 ¹⁰ 53 | 5 ³⁹ | 7 ³⁹ | 13 ²⁸ | 19 ²² | 28 ⁵⁹ | 19 ¹⁸ | 12 ¹⁹ | 2 ⁵⁰ | 13 ¹⁶ | 12 ¹² | 26 ⁴¹ | 3 ⁰ | T 16 |
| W17 | 19 39 14 | 24 ¹⁸ '44 | 23 ³⁵ | 7 ³³ | 8 ⁴³ | 14 ⁶ | 19 ³⁵ | 29 ⁷ | 19 ²¹ | 12 ¹⁸ | 2 ⁴⁹ | 13 ⁶ | 12 ⁸ | 26 ⁴⁸ | 3 ¹ | W17 |
| T 18 | 19 43 11 | 25 ¹⁵ '59 | 7 ¹⁰ 2 | 9 ²⁵ | 9 ⁴⁷ | 14 ⁴⁴ | 19 ⁴⁷ | 29 ¹⁵ | 19 ²³ | 12 ¹⁸ | 2 ⁴⁸ | 12 ⁵⁵ | 12 ⁵ | 26 ⁵⁴ | 3 ³ | T 18 |
| F 19 | 19 47 7 | 26 ¹³ '14 | 20 ¹⁰ | 11 ¹⁶ | 10 ⁵¹ | 15 ²² | 20 ⁰ | 29 ²² | 19 ²⁶ | 12 ¹⁸ | 2 ⁴⁷ | 12 ⁴³ | 12 ² | 27 ¹ | 3 ⁵ | F 19 |
| S 20 | 19 51 4 | 27 ¹⁰ '30 | 2 ¹⁰ 59 | 13 ⁴ | 11 ⁵⁵ | 16 ⁰ | 20 ¹² | 29 ³⁰ | 19 ²⁸ | 12 ¹⁸ | 2 ⁴⁶ | 12 ³³ | 11 ⁵⁹ | 27 ⁷ | 3 ⁷ | S 20 |
| S 21 | 19 55 0 | 28 ⁷ '47 | 15 ³⁰ | 14 ⁵¹ | 12 ⁵⁹ | 16 ³⁷ | 20 ²⁵ | 29 ³⁸ | 19 ³¹ | 12 ¹⁸ | 2 ⁴⁵ | 12 ²⁴ | 11 ⁵⁶ | 27 ¹⁴ | 3 ⁹ | S 21 |
| M22 | 19 58 57 | 29 ⁵ '04 | 27 ⁴⁴ | 16 ³⁶ | 14 ² | 17 ¹⁵ | 20 ³⁷ | 29 ⁴⁶ | 19 ³⁴ | 12 ¹⁷ | 2 ⁴⁴ | 12 ¹⁸ | 11 ⁵² | 27 ²¹ | 3 ¹¹ | M22 |
| T 23 | 20 2 54 | 0 ¹⁰ '22 | 9 ¹⁰ 45 | 18 ¹⁹ | 15 ⁵ | 17 ⁵³ | 20 ⁴⁹ | 29 ⁵³ | 19 ³⁶ | 12 ¹⁷ | 2 ⁴³ | 12 ¹⁴ | 11 ⁴⁹ | 27 ²⁷ | 3 ¹³ | T 23 |
| W24 | 20 6 50 | 0 ⁵⁹ '41 | 21 ³⁷ | 20 ¹ | 16 ⁷ | 18 ³¹ | 21 ¹ | 0 ¹⁰ 1 | 19 ³⁹ | 12 ¹⁷ | 2 ⁴² | 12 ¹³ | 11 ⁴⁶ | 27 ³⁴ | 3 ¹⁵ | W24 |
| T 25 | 20 10 47 | 1 ⁵⁷ '02 | 3 ¹⁰ 26 | 21 ⁴¹ | 17 ¹⁰ | 19 ⁹ | 21 ¹⁴ | 0 ⁹ | 19 ⁴² | 12 ¹⁷ | 2 ⁴¹ | 12 ¹² | 11 ⁴³ | 27 ⁴¹ | 3 ¹⁸ | T 25 |
| F 26 | 20 14 43 | 2 ⁵⁴ '23 | 15 ¹⁷ | 23 ¹⁹ | 18 ¹² | 19 ⁴⁷ | 21 ²⁶ | 0 ¹⁷ | 19 ⁴⁵ | 12 ¹⁷ | 2 ⁴⁰ | 12 ¹² | 11 ⁴⁰ | 27 ⁴⁷ | 3 ²⁰ | F 26 |
| S 27 | 20 18 40 | 3 ⁵¹ '45 | 27 ¹⁴ | 24 ⁵⁵ | 19 ¹⁴ | 20 ²⁴ | 21 ³⁸ | 0 ²⁴ | 19 ⁴⁸ | 12 ¹⁷ | 2 ³⁹ | 12 ¹² | 11 ³⁷ | 27 ⁵⁴ | 3 ²³ | S 27 |
| S 28 | 20 22 36 | 4 ⁴⁹ '09 | 9 ¹⁰ 24 | 26 ³⁰ | 20 ¹⁵ | 21 ² | 21 ⁵⁰ | 0 ³² | 19 ⁵¹ | 12 ¹⁸ | 2 ³⁷ | 12 ⁹ | 11 ³³ | 28 ¹ | 3 ²⁶ | S 28 |
| M29 | 20 26 33 | 5 ⁴⁶ '33 | 21 ⁵¹ | 28 ³ | 21 ¹⁷ | 21 ⁴⁰ | 22 ¹ | 0 ⁴⁰ | 19 ⁵⁴ | 12 ¹⁸ | 2 ³⁶ | 12 ⁵ | 11 ³⁰ | 28 ⁷ | 3 ²⁹ | M29 |
| T 30 | 20 30 29 | 6 ⁴³ '59 | 4 ¹⁰ 38 | 29 ³⁴ | 22 ¹⁸ | 22 ¹⁸ | 22 ¹³ | 0 ⁴⁸ | 19 ⁵⁷ | 12 ¹⁸ | 2 ³⁵ | 11 ⁵⁷ | 11 ²⁷ | 28 ¹⁴ | 3 ³² | T 30 |
| W31 | 20 34 26 | 7 ¹⁰ 41'25 | 17 ¹⁰ 46 | 1 ¹⁰ 3 | 23 ¹⁰ 19 | 22 ¹⁰ 56 | 22 ¹⁰ 25 | 0 ¹⁰ 55 | 20 ¹⁰ 0 | 12 ¹⁰ 18 | 2 ¹⁰ 34 | 11 ¹⁰ 47 | 11 ¹⁰ 24 | 28 ¹⁰ 21 | 3 ¹⁰ 35 | 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 |
| M 1 | 23n 9 | 24n57 | 2n30 | 24n17 | 0n53 | 16n 3 | 1n41 | 20n27 | 1n13 | 22n15 | 0s30 | 21n 3 | 0n17 | 5n 9 | 0n45 | 13s51 | 1n49 | 21s52 | 12s20 | 16n13 | 15n45 | 8n13 | 11s 7 | 1n25 | |
| T 2 | 23 5 | 26 49 | 3 24 | 24 20 | 1 2 | 15 39 | 1 39 | 20 18 | 1 13 | 22 16 | 0 30 | 21 1 | 0 17 | 5 8 | 0 45 | 13 51 | 1 49 | 21 52 | 12 20 | 16 11 | 15 44 | 8 16 | 11 7 | 1 26 | |
| W 3 | 23 1 | 27 18 | 4 10 | 24 21 | 1 10 | 15 15 | 1 36 | 20 9 | 1 13 | 22 18 | 0 30 | 21 0 | 0 17 | 5 7 | 0 45 | 13 51 | 1 49 | 21 53 | 12 21 | 16 9 | 15 43 | 8 19 | 11 7 | 1 26 | |
| T 4 | 22 56 | 26 16 | 4 43 | 24 18 | 1 17 | 14 50 | 1 34 | 19 59 | 1 13 | 22 19 | 0 30 | 20 58 | 0 17 | 5 6 | 0 45 | 13 51 | 1 49 | 21 53 | 12 21 | 16 6 | 15 42 | 8 22 | 11 7 | 1 26 | |
| F 5 | 22 51 | 23 43 | 5 1 | 24 13 | 1 24 | 14 25 | 1 31 | 19 50 | 1 13 | 22 20 | 0 30 | 20 57 | 0 17 | 5 5 | 0 45 | 13 51 | 1 49 | 21 54 | 12 21 | 16 3 | 15 41 | 8 26 | 11 7 | 1 26 | |
| S 6 | 22 45 | 19 49 | 5 3 | 24 5 | 1 30 | 14 0 | 1 28 | 19 40 | 1 12 | 22 22 | 0 30 | 20 55 | 0 17 | 5 5 | 0 45 | 13 51 | 1 49 | 21 54 | 12 21 | 16 0 | 15 40 | 8 29 | 11 7 | 1 26 | |
| S 7 | 22 39 | 14 48 | 4 47 | 23 55 | 1 35 | 13 34 | 1 26 | 19 30 | 1 12 | 22 23 | 0 30 | 20 54 | 0 17 | 5 4 | 0 45 | 13 50 | 1 49 | 21 55 | 12 22 | 15 58 | 15 39 | 8 32 | 11 7 | 1 26 | |
| M 8 | 22 32 | 8 59 | 4 14 | 23 41 | 1 39 | 13 9 | 1 23 | 19 20 | 1 12 | 22 24 | 0 30 | 20 53 | 0 17 | 5 3 | 0 45 | 13 50 | 1 49 | 21 55 | 12 22 | 15 56 | 15 39 | 8 35 | 11 7 | 1 27 | |
| T 9 | 22 25 | 2 40 | 3 26 | 23 26 | 1 43 | 12 43 | 1 19 | 19 10 | 1 12 | 22 25 | 0 30 | 20 51 | 0 17 | 5 2 | 0 45 | 13 50 | 1 49 | 21 56 | 12 22 | 15 56 | 15 38 | 8 38 | 11 7 | 1 27 | |
| W10 | 22 18 | 3s48 | 2 25 | 23 7 | 1 46 | 12 16 | 1 16 | 19 0 | 1 12 | 22 27 | 0 29 | 20 50 | 0 17 | 5 1 | 0 45 | 13 50 | 1 49 | 21 57 | 12 22 | 15 55 | 15 37 | 8 42 | 11 7 | 1 27 | |
| T 11 | 22 11 | 10 7 | 1 15 | 22 47 | 1 48 | 11 50 | 1 13 | 18 49 | 1 12 | 22 28 | 0 29 | 20 48 | 0 18 | 5 0 | 0 45 | 13 50 | 1 49 | 21 57 | 12 23 | 15 55 | 15 36 | 8 45 | 11 8 | 1 27 | |
| F 12 | 22 2 | 15 57 | 0s 0 | 22 25 | 1 49 | 11 23 | 1 10 | 18 39 | 1 12 | 22 29 | 0 29 | 20 47 | 0 18 | 4 59 | 0 45 | 13 50 | 1 48 | 21 58 | 12 23 | 15 55 | 15 35 | 8 48 | 11 8 | 1 27 | |
| S 13 | 21 54 | 20 54 | 1 15 | 22 0 | 1 50 | 10 56 | 1 6 | 18 28 | 1 11 | 22 30 | 0 29 | 20 45 | 0 18 | 4 58 | 0 45 | 13 50 | 1 48 | 21 58 | 12 23 | 15 55 | 15 34 | 8 51 | 11 8 | 1 27 | |
| S 14 | 21 45 | 24 38 | 2 25 | 21 34 | 1 50 | 10 28 | 1 2 | 18 18 | 1 11 | 22 31 | 0 29 | 20 44 | 0 18 | 4 57 | 0 45 | 13 50 | 1 48 | 21 59 | 12 24 | 15 54 | 15 33 | 8 54 | 11 8 | 1 27 | |
| M15 | 21 36 | 26 50 | 3 25 | 21 6 | 1 49 | 10 1 | 0 59 | 18 7 | 1 11 | 22 32 | 0 29 | 20 42 | 0 18 | 4 56 | 0 45 | 13 50 | 1 48 | 21 59 | 12 24 | 15 53 | 15 32 | 8 58 | 11 9 | 1 28 | |
| T 16 | 21 27 | 27 18 | 4 13 | 20 37 | 1 48 | 9 33 | 0 55 | 17 56 | 1 11 | 22 33 | 0 29 | 20 41 | 0 18 | 4 55 | 0 44 | 13 50 | 1 48 | 22 0 | 12 24 | 15 50 | 15 31 | 9 1 | 11 9 | 1 28 | |
| W17 | 21 17 | 26 5 | 4 45 | 20 6 | 1 46 | 9 6 | 0 51 | 17 45 | 1 11 | 22 34 | 0 29 | 20 39 | 0 18 | 4 54 | 0 44 | 13 50 | 1 48 | 22 0 | 12 24 | 15 47 | 15 30 | 9 4 | 11 9 | 1 28 | |
| T 18 | 21 6 | 23 22 | 5 0 | 19 34 | 1 43 | 8 38 | 0 47 | 17 34 | 1 11 | 22 35 | 0 29 | 20 38 | 0 18 | 4 53 | 0 44 | 13 50 | 1 48 | 22 1 | 12 24 | 15 44 | 15 29 | 9 7 | 11 10 | 1 28 | |
| F 19 | 20 56 | 19 30 | 4 59 | 19 1 | 1 40 | 8 9 | 0 42 | 17 22 | 1 11 | 22 36 | 0 29 | 20 36 | 0 18 | 4 52 | 0 44 | 13 50 | 1 48 | 22 2 | 12 25 | 15 40 | 15 28 | 9 10 | 11 10 | 1 28 | |
| S 20 | 20 45 | 14 49 | 4 43 | 18 27 | 1 36 | 7 41 | 0 38 | 17 11 | 1 10 | 22 37 | 0 29 | 20 35 | 0 18 | 4 51 | 0 44 | 13 50 | 1 48 | 22 2 | 12 25 | 15 37 | 15 27 | 9 14 | 11 11 | 1 28 | |
| S 21 | 20 34 | 9 37 | 4 13 | 17 52 | 1 32 | 7 13 | 0 34 | 16 59 | 1 10 | 22 38 | 0 29 | 20 33 | 0 18 | 4 50 | 0 44 | 13 50 | 1 48 | 22 3 | 12 25 | 15 35 | 15 26 | 9 17 | 11 11 | 1 29 | |
| M22 | 20 22 | 4 9 | 3 33 | 17 16 | 1 28 | 6 44 | 0 29 | 16 48 | 1 10 | 22 39 | 0 29 | 20 32 | 0 18 | 4 49 | 0 44 | 13 50 | 1 48 | 22 3 | 12 25 | 15 33 | 15 25 | 9 20 | 11 12 | 1 29 | |
| T 23 | 20 10 | 1n22 | 2 43 | 16 40 | 1 23 | 6 16 | 0 24 | 16 36 | 1 10 | 22 40 | 0 29 | 20 30 | 0 19 | 4 48 | 0 44 | 13 50 | 1 48 | 22 4 | 12 26 | 15 32 | 15 24 | 9 23 | 11 13 | 1 29 | |
| W24 | 19 58 | 6 47 | 1 47 | 16 3 | 1 17 | 5 47 | 0 20 | 16 24 | 1 10 | 22 41 | 0 29 | 20 28 | 0 19 | 4 47 | 0 44 | 13 50 | 1 48 | 22 5 | 12 26 | 15 31 | 15 23 | 9 26 | 11 13 | 1 29 | |
| T 25 | 19 45 | 11 57 | 0 46 | 15 25 | 1 11 | 5 18 | 0 15 | 16 12 | 1 9 | 22 42 | 0 29 | 20 27 | 0 19 | 4 46 | 0 44 | 13 50 | 1 48 | 22 5 | 12 26 | 15 31 | 15 22 | 9 30 | 11 14 | 1 29 | |
| F 26 | 19 32 | 16 42 | 0n16 | 14 47 | 1 5 | 4 49 | 0 10 | 16 0 | 1 9 | 22 43 | 0 29 | 20 25 | 0 19 | 4 44 | 0 44 | 13 50 | 1 48 | 22 6 | 12 26 | 15 31 | 15 21 | 9 33 | 11 15 | 1 29 | |
| S 27 | 19 19 | 20 51 | 1 19 | 14 8 | 0 58 | 4 20 | 0 5 | 15 48 | 1 9 | 22 44 | 0 29 | 20 24 | 0 19 | 4 43 | 0 44 | 13 50 | 1 48 | 22 6 | 12 26 | 15 31 | 15 20 | 9 36 | 11 15 | 1 29 | |
| S 28 | 19 5 | 24 10 | 2 19 | 13 30 | 0 51 | 3 51 | 0s 1 | 15 35 | 1 9 | 22 44 | 0 29 | 20 22 | 0 19 | 4 42 | 0 44 | 13 50 | 1 48 | 22 7 | 12 27 | 15 30 | 15 19 | 9 39 | 11 16 | 1 30 | |
| M29 | 18 51 | 26 26 | 3 13 | 12 51 | 0 43 | 3 22 | 0 6 | 15 23 | 1 9 | 22 45 | 0 29 | 20 20 | 0 19 | 4 41 | 0 44 | 13 50 | 1 47 | 22 7 | 12 27 | 15 29 | 15 18 | 9 42 | 11 17 | 1 30 | |
| T 30 | 18 37 | 27 23 | 4 0 | 12 12 | 0 36 | 2 53 | 0 11 | 15 10 | 1 9 | 22 46 | 0 29 | 20 19 | 0 19 | 4 40 | 0 44 | 13 50 | 1 47 | 22 8 | 12 27 | 15 26 | 15 17 | 9 45 | 11 18 | 1 30 | |
| W31 | 18n22 | 26n50 | 4n35 | 11n33 | 0n28 | 2n24 | 0s17 | 14n58 | 1n 8 | 22n47 | 0s28 | 20n17 | 0n19 | 4n39 | 0n44 | 13s51 | 1n47 | 22s 9 | 12s27 | 15n23 | 15n16 | 9n49 | 11s19 | 1n30 | |

ASTRODIENST EPHEMERIS for the year 1799

geocentric

AUGUST 1799

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|----------|-------|--------|-------|-------|-------|------|-------|-------|-------|--------|-------|-------|------|------|
| T 1 | 20 38 23 | 8♂38'53 | 1♂15 | 2♂31 | 24♂19 | 23♂34 | 22♂36 | 1♂3 | 20♂3 | 12♂18 | 2°R33 | 11°R36 | 11♂21 | 28♂27 | 3♂38 | T 1 |
| F 2 | 20 42 19 | 9°36'21 | 15° 4 | 3°56 | 25°19 | 24°12 | 22°48 | 1°11 | 20° 6 | 12°19 | 2°K32 | 11♂24 | 11°18 | 28°34 | 3°41 | F 2 |
| S 3 | 20 46 16 | 10°33'51 | 29° 7 | 5°20 | 26°19 | 24°50 | 22°59 | 1°19 | 20° 9 | 12°19 | 2°31 | 11°12 | 11°14 | 28°41 | 3°44 | S 3 |
| S 4 | 20 50 12 | 11°31'21 | 13♂21 | 6°42 | 27°18 | 25°28 | 23°11 | 1°26 | 20°12 | 12°19 | 2°30 | 11° 3 | 11°11 | 28°47 | 3°48 | S 4 |
| M 5 | 20 54 9 | 12°28'52 | 27°40 | 8° 2 | 28°17 | 26° 6 | 23°22 | 1°34 | 20°15 | 12°20 | 2°28 | 10°56 | 11° 8 | 28°54 | 3°51 | M 5 |
| T 6 | 20 58 5 | 13°26'24 | 12♂0 | 9°21 | 29°16 | 26°44 | 23°33 | 1°42 | 20°18 | 12°20 | 2°27 | 10°51 | 11° 5 | 29° 1 | 3°55 | T 6 |
| W 7 | 21 2 2 | 14°23'57 | 26°16 | 10°37 | 0♂14 | 27°22 | 23°44 | 1°49 | 20°21 | 12°20 | 2°26 | 10°49 | 11° 2 | 29° 7 | 3°59 | W 7 |
| T 8 | 21 5 58 | 15°21'31 | 10♂26 | 11°51 | 1°12 | 28° 0 | 23°55 | 1°57 | 20°25 | 12°21 | 2°25 | 10°49 | 10°58 | 29°14 | 4° 2 | T 8 |
| F 9 | 21 9 55 | 16°19'05 | 24°30 | 13° 3 | 2° 9 | 28°38 | 24° 6 | 2° 5 | 20°28 | 12°21 | 2°24 | 10°49 | 10°55 | 29°20 | 4° 6 | F 9 |
| S 10 | 21 13 52 | 17°16'41 | 8♂26 | 14°13 | 3° 6 | 29°16 | 24°17 | 2°12 | 20°31 | 12°22 | 2°22 | 10°48 | 10°52 | 29°27 | 4°10 | S 10 |
| S 11 | 21 17 48 | 18°14'17 | 22°14 | 15°21 | 4° 3 | 29°54 | 24°28 | 2°20 | 20°35 | 12°22 | 2°21 | 10°45 | 10°49 | 29°34 | 4°14 | S 11 |
| M12 | 21 21 45 | 19°11'55 | 5♂54 | 16°26 | 4°59 | 0♂32 | 24°38 | 2°27 | 20°38 | 12°23 | 2°20 | 10°39 | 10°46 | 29°40 | 4°19 | M12 |
| T 13 | 21 25 41 | 20° 9'33 | 19°24 | 17°29 | 5°54 | 1°10 | 24°49 | 2°35 | 20°41 | 12°24 | 2°19 | 10°30 | 10°43 | 29°47 | 4°23 | T 13 |
| W14 | 21 29 38 | 21° 7'13 | 2♂43 | 18°29 | 6°49 | 1°48 | 24°59 | 2°42 | 20°45 | 12°24 | 2°17 | 10°19 | 10°39 | 29°54 | 4°27 | W14 |
| T 15 | 21 33 34 | 22° 4'53 | 15°49 | 19°27 | 7°44 | 2°26 | 25°10 | 2°50 | 20°48 | 12°25 | 2°16 | 10° 7 | 10°36 | 0♂0 | 4°32 | T 15 |
| F 16 | 21 37 31 | 23° 2'35 | 28°41 | 20°21 | 8°38 | 3° 4 | 25°20 | 2°57 | 20°52 | 12°26 | 2°15 | 9°55 | 10°33 | 0° 7 | 4°36 | F 16 |
| S 17 | 21 41 28 | 24° 0'19 | 11♂17 | 21°13 | 9°31 | 3°42 | 25°30 | 3° 5 | 20°55 | 12°26 | 2°14 | 9°43 | 10°30 | 0°14 | 4°41 | S 17 |
| S 18 | 21 45 24 | 24°58'03 | 23°39 | 22° 2 | 10°24 | 4°20 | 25°40 | 3°12 | 20°58 | 12°27 | 2°12 | 9°34 | 10°27 | 0°20 | 4°46 | S 18 |
| M19 | 21 49 21 | 25°55'50 | 5°47 | 22°47 | 11°17 | 4°58 | 25°50 | 3°20 | 21° 2 | 12°28 | 2°11 | 9°27 | 10°24 | 0°27 | 4°50 | M19 |
| T 20 | 21 53 17 | 26°53'37 | 17°45 | 23°29 | 12° 8 | 5°37 | 26° 0 | 3°27 | 21° 5 | 12°29 | 2°10 | 9°22 | 10°20 | 0°34 | 4°55 | T 20 |
| W21 | 21 57 14 | 27°51'27 | 29°35 | 24° 7 | 12°59 | 6°15 | 26°10 | 3°34 | 21° 9 | 12°30 | 2° 8 | 9°20 | 10°17 | 0°40 | 5° 0 | W21 |
| T 22 | 22 1 10 | 28°49'18 | 11♂23 | 24°41 | 13°50 | 6°53 | 26°19 | 3°42 | 21°13 | 12°30 | 2° 7 | 9°D20 | 10°14 | 0°47 | 5° 5 | T 22 |
| F 23 | 22 5 7 | 29°47'11 | 23°12 | 25°10 | 14°40 | 7°31 | 26°29 | 3°49 | 21°16 | 12°31 | 2° 6 | 9°20 | 10°11 | 0°54 | 5°10 | F 23 |
| S 24 | 22 9 3 | 0♂45'06 | 5♂10 | 25°36 | 15°29 | 8° 9 | 26°38 | 3°56 | 21°20 | 12°32 | 2° 5 | 9°R20 | 10° 8 | 1° 0 | 5°15 | S 24 |
| S 25 | 22 13 0 | 1°43'03 | 17°20 | 25°56 | 16°17 | 8°48 | 26°47 | 4° 3 | 21°23 | 12°33 | 2° 3 | 9°19 | 10° 4 | 1° 7 | 5°21 | S 25 |
| M26 | 22 16 56 | 2°41'01 | 29°48 | 26°12 | 17° 4 | 9°26 | 26°56 | 4°10 | 21°27 | 12°34 | 2° 2 | 9°16 | 10° 1 | 1°13 | 5°26 | M26 |
| T 27 | 22 20 53 | 3°39'02 | 12♂39 | 26°22 | 17°51 | 10° 4 | 27° 5 | 4°18 | 21°31 | 12°35 | 2° 1 | 9°10 | 9°58 | 1°20 | 5°32 | T 27 |
| W28 | 22 24 50 | 4°37'04 | 25°54 | 26°R27 | 18°37 | 10°42 | 27°14 | 4°25 | 21°34 | 12°36 | 2° 0 | 9° 3 | 9°55 | 1°27 | 5°37 | W28 |
| T 29 | 22 28 46 | 5°35'08 | 9♂35 | 26°26 | 19°22 | 11°21 | 27°23 | 4°32 | 21°38 | 12°38 | 1°58 | 8°53 | 9°52 | 1°33 | 5°43 | T 29 |
| F 30 | 22 32 43 | 6°33'14 | 23°40 | 26°19 | 20° 6 | 11°59 | 27°32 | 4°39 | 21°42 | 12°39 | 1°57 | 8°43 | 9°49 | 1°40 | 5°48 | F 30 |
| S 31 | 22 36 39 | 7♂31'21 | 8♂5 | 26♂6 | 20♂50 | 12♂37 | 27♂40 | 4♂46 | 21♂45 | 12♂40 | 1♂56 | 8♂34 | 9♂45 | 1♂47 | 5♂54 | S 31 |

| Day | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|------|------|-------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | lat |
| T 1 | 18n 7 | 24n42 | 4n56 | 10n53 | 0n19 | 1n55 | 0s23 | 14n45 | 1n 8 | 22n47 | 0s28 | 20n16 | 0n19 | 4n37 | 0n44 | 13s51 |
| F 2 | 17 52 | 21 6 | 5 0 | 10 14 | 0 11 | 1 26 | 0 28 | 14 32 | 1 8 | 22 48 | 0 28 | 20 14 | 0 19 | 4 36 | 0 44 | 13 51 |
| S 3 | 17 37 | 16 15 | 4 46 | 9 36 | 0 2 | 0 57 | 0 34 | 14 20 | 1 8 | 22 49 | 0 28 | 20 12 | 0 20 | 4 35 | 0 44 | 13 51 |
| S 4 | 17 21 | 10 28 | 4 15 | 8 57 | 0s 7 | 0 28 | 0 40 | 14 7 | 1 8 | 22 49 | 0 28 | 20 11 | 0 20 | 4 34 | 0 44 | 13 51 |
| M 5 | 17 5 | 4 5 | 3 27 | 8 18 | 0 17 | 0s 1 | 0 46 | 13 53 | 1 7 | 22 50 | 0 28 | 20 9 | 0 20 | 4 32 | 0 44 | 13 51 |
| T 6 | 16 48 | 2s30 | 2 26 | 7 40 | 0 26 | 0 30 | 0 52 | 13 40 | 1 7 | 22 50 | 0 28 | 20 8 | 0 20 | 4 31 | 0 44 | 13 51 |
| W 7 | 16 32 | 8 58 | 1 16 | 7 2 | 0 36 | 0 59 | 0 59 | 13 27 | 1 7 | 22 51 | 0 28 | 20 6 | 0 20 | 4 30 | 0 44 | 13 52 |
| T 8 | 16 15 | 14 56 | 0 2 | 6 25 | 0 46 | 1 28 | 1 5 | 13 14 | 1 7 | 22 52 | 0 28 | 20 4 | 0 20 | 4 28 | 0 44 | 13 52 |
| F 9 | 15 58 | 20 4 | 1s12 | 5 48 | 0 56 | 1 57 | 1 11 | 13 0 | 1 7 | 22 52 | 0 28 | 20 3 | 0 20 | 4 27 | 0 44 | 13 52 |
| S 10 | 15 40 | 24 3 | 2 20 | 5 12 | 1 6 | 2 26 | 1 18 | 12 47 | 1 6 | 22 53 | 0 28 | 20 1 | 0 20 | 4 26 | 0 44 | 13 52 |
| S 11 | 15 23 | 26 34 | 3 20 | 4 37 | 1 16 | 2 54 | 1 25 | 12 33 | 1 6 | 22 53 | 0 28 | 20 0 | 0 20 | 4 25 | 0 44 | 13 52 |
| M12 | 15 5 | 27 28 | 4 8 | 4 2 | 1 27 | 3 23 | 1 31 | 12 20 | 1 6 | 22 54 | 0 28 | 19 58 | 0 20 | 4 23 | 0 44 | 13 53 |
| T 13 | 14 47 | 26 42 | 4 41 | 3 28 | 1 37 | 3 51 | 1 38 | 12 6 | 1 6 | 22 54 | 0 28 | 19 56 | 0 20 | 4 22 | 0 44 | 13 53 |
| W14 | 14 29 | 24 25 | 4 58 | 2 55 | 1 48 | 4 19 | 1 45 | 11 52 | 1 5 | 22 54 | 0 28 | 19 55 | 0 21 | 4 20 | 0 44 | 13 53 |
| T 15 | 14 10 | 20 52 | 4 59 | 2 22 | 1 58 | 4 47 | 1 52 | 11 38 | 1 5 | 22 55 | 0 28 | 19 53 | 0 21 | 4 19 | 0 44 | 13 53 |
| F 16 | 13 51 | 16 24 | 4 45 | 1 51 | 2 9 | 5 15 | 1 59 | 11 24 | 1 5 | 22 55 | 0 28 | 19 51 | 0 21 | 4 18 | 0 44 | 13 54 |
| S 17 | 13 32 | 11 18 | 4 17 | 1 21 | 2 19 | 5 43 | 2 7 | 11 10 | 1 5 | 22 56 | 0 28 | 19 50 | 0 21 | 4 16 | 0 44 | 13 54 |
| S 18 | 13 13 | 5 51 | 3 37 | 0 53 | 2 30 | 6 11 | 2 14 | 10 56 | 1 5 | 22 56 | 0 28 | 19 48 | 0 21 | 4 15 | 0 44 | 13 54 |
| M19 | 12 53 | 0 16 | 2 48 | 0 25 | 2 40 | 6 38 | 2 21 | 10 42 | 1 4 | 22 56 | 0 28 | 19 47 | 0 21 | 4 14 | 0 44 | 13 55 |
| T 20 | 12 34 | 5n15 | 1 52 | 0s 1 | 2 50 | 7 5 | 2 29 | 10 28 | 1 4 | 22 57 | 0 28 | 19 45 | 0 21 | 4 12 | 0 44 | 13 55 |
| W21 | 12 14 | 10 32 | 0 52 | 0 25 | 3 0 | 7 32 | 2 36 | 10 13 | 1 4 | 22 57 | 0 28 | 19 43 | 0 21 | 4 11 | 0 44 | 13 55 |
| T 22 | 11 54 | 15 26 | 0n11 | 0 47 | 3 10 | 7 59 | 2 44 | 9 59 | 1 4 | 22 57 | 0 28 | 19 42 | 0 21 | 4 9 | 0 44 | 13 56 |
| F 23 | 11 34 | 19 47 | 1 13 | 1 8 | 3 19 | 8 25 | 2 51 | 9 44 | 1 3 | 22 58 | 0 28 | 19 40 | 0 21 | 4 8 | 0 44 | 13 56 |
| S 24 | 11 13 | 23 22 | 2 13 | 1 26 | 3 29 | 8 51 | 2 59 | 9 30 | 1 3 | 22 58 | 0 28 | 19 39 | 0 22 | 4 7 | 0 44 | 13 56 |
| S 25 | 10 53 | 25 59 | 3 8 | 1 42 | 3 37 | 9 17 | 3 7 | 9 15 | 1 3 | 22 58 | 0 28 | 19 37 | 0 22 | 4 5 | 0 43 | 13 57 |
| M26 | 10 32 | 27 23 | 3 55 | 1 56 | 3 46 | 9 43 | 3 15 | 9 1 | 1 3 | 22 58 | 0 28 | 19 35 | 0 22 | 4 4 | 0 43 | 13 57 |
| T 27 | 10 11 | 27 23 | 4 32 | 2 7 | 3 53 | 10 8 | 3 23 | 8 46 | 1 2 | 22 59 | 0 28 | 19 34 | 0 22 | 4 2 | 0 43 | 13 57 |
| W28 | 9 50 | 25 50 | 4 56 | 2 16 | 4 0 | 10 33 | 3 31 | 8 31 | 1 2 | 22 59 | 0 27 | 19 32 | 0 22 | 4 1 | 0 43 | 13 58 |
| T 29 | 9 28 | 22 45 | 5 4 | 2 21 | 4 6 | 10 58 | 3 39 | 8 16 | 1 2 | 22 59 | 0 27 | 19 31 | 0 22 | 3 59 | 0 43 | 13 58 |
| F 30 | 9 7 | 18 16 | 4 54 | 2 23 | 4 12 | 11 22 | 3 47 | 8 1 | 1 2 | 22 59 | 0 27 | 19 29 | 0 22 | 3 58 | 0 43 | 13 58 |
| S 31 | 8n45 | 12n39 | 4n25 | 2s22 | 4s16 | 11s46 | 3s55 | 7n47 | 1n 1 | 22n59 | 0s27 | 19n27 | 0n22 | 3n56 | 0n43 | 13s59 |

Julian Day Number = 2378343.5, Delta T = 18.79 sec
 Ecliptic obliquity = 23°28'02, Nutation = - 0°00'10, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°56'31, Lahiri = 21°03'32Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1799

geocentric

SEPTEMBER 1799

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|-----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|---------------------|---------------------|--------------------|--------------------|--------------------|--------------------|--------------------|------|
| S 1 | 22 40 36 | 8 ^h 29'30" | 22 ^h 43' | 25°R47 | 21 ^h 32' | 13 ^h 16' | 27 ^h 49' | 4 ^h 53' | 21 ^h 49' | 12 ^h 41' | 1°R54 | 8°R26 | 9 ^h 42' | 1 ^h 53' | 6 ^h 0' | S 1 |
| M 2 | 22 44 32 | 9°27'41" | 7 ^h 27' | 25 ^h 21' | 22°13' | 13°54' | 27°57' | 5°0' | 21°53' | 12°42' | 1 ^h 53' | 8°20' | 9°39' | 2°0' | 6°6' | M 2 |
| T 3 | 22 48 29 | 10°25'53" | 22°9' | 24°49' | 22°54' | 14°32' | 28°5' | 5°6' | 21°56' | 12°43' | 1°52' | 8°17' | 9°36' | 2°7' | 6°12' | T 3 |
| W 4 | 22 52 25 | 11°24'07" | 6 ^h 14' | 24°11' | 23°33' | 15°11' | 28°13' | 5°13' | 22°0' | 12°45' | 1°51' | 8°D15' | 9°33' | 2°13' | 6°18' | W 4 |
| T 5 | 22 56 22 | 12°22'23" | 21°7' | 23°27' | 24°11' | 15°49' | 28°21' | 5°20' | 22°4' | 12°46' | 1°49' | 8°16' | 9°30' | 2°20' | 6°24' | T 5 |
| F 6 | 23 0 19 | 13°20'40" | 5 ^h 16' | 22°38' | 24°48' | 16°28' | 28°29' | 5°27' | 22°8' | 12°47' | 1°48' | 8°17' | 9°26' | 2°27' | 6°30' | F 6 |
| S 7 | 23 4 15 | 14°18'58" | 19°9' | 21°45' | 25°24' | 17°6' | 28°36' | 5°33' | 22°11' | 12°49' | 1°47' | 8°R17' | 9°23' | 2°33' | 6°36' | S 7 |
| S 8 | 23 8 12 | 15°17'18" | 2 ^h 38' | 20°47' | 25°58' | 17°45' | 28°44' | 5°40' | 22°15' | 12°50' | 1°46' | 8°15' | 9°20' | 2°40' | 6°42' | S 8 |
| M 9 | 23 12 8 | 16°15'40" | 16°12' | 19°47' | 26°31' | 18°23' | 28°51' | 5°46' | 22°19' | 12°51' | 1°44' | 8°12' | 9°17' | 2°47' | 6°49' | M 9 |
| T 10 | 23 16 5 | 17°14'03" | 29°22' | 18°46' | 27°3' | 19°2' | 28°58' | 5°53' | 22°23' | 12°53' | 1°43' | 8°6' | 9°14' | 2°53' | 6°55' | T 10 |
| W11 | 23 20 1 | 18°12'27" | 12 ^h 20' | 17°45' | 27°34' | 19°40' | 29°5' | 5°59' | 22°26' | 12°54' | 1°42' | 7°58' | 9°10' | 3°0' | 7°2' | W11 |
| T 12 | 23 23 58 | 19°10'54" | 25°5' | 16°44' | 28°2' | 20°19' | 29°12' | 6°6' | 22°30' | 12°56' | 1°41' | 7°50' | 9°7' | 3°6' | 7°8' | T 12 |
| F 13 | 23 27 54 | 20°9'22" | 7 ^h 38' | 15°47' | 28°30' | 20°57' | 29°19' | 6°12' | 22°34' | 12°57' | 1°40' | 7°41' | 9°4' | 3°13' | 7°15' | F 13 |
| S 14 | 23 31 51 | 21°7'52" | 19°59' | 14°54' | 28°55' | 21°36' | 29°25' | 6°18' | 22°38' | 12°59' | 1°38' | 7°33' | 9°1' | 3°20' | 7°21' | S 14 |
| S 15 | 23 35 48 | 22°6'23" | 2 ^h 9' | 14°7' | 29°20' | 22°15' | 29°32' | 6°25' | 22°42' | 13°0' | 1°37' | 7°26' | 8°58' | 3°26' | 7°28' | S 15 |
| M16 | 23 39 44 | 23°4'57" | 14°9' | 13°26' | 29°42' | 22°53' | 29°38' | 6°31' | 22°45' | 13°2' | 1°36' | 7°22' | 8°55' | 3°33' | 7°35' | M16 |
| T 17 | 23 43 41 | 24°3'33" | 26°2' | 12°53' | 0 ^h 12' | 23°32' | 29°44' | 6°37' | 22°49' | 13°4' | 1°35' | 7°19' | 8°51' | 3°40' | 7°42' | T 17 |
| W18 | 23 47 37 | 25°2'11" | 7 ^h 35' | 12°29' | 0°21' | 24°10' | 29°50' | 6°43' | 22°53' | 13°5' | 1°34' | 7°D18' | 8°48' | 3°46' | 7°49' | W18 |
| T 19 | 23 51 34 | 26°0'51" | 19°36' | 12°15' | 0°38' | 24°49' | 29°56' | 6°49' | 22°57' | 13°7' | 1°32' | 7°19' | 8°45' | 3°53' | 7°56' | T 19 |
| F 20 | 23 55 30 | 26°59'33" | 1 ^h 25' | 12°D10' | 0°53' | 25°28' | 0 ^h 1' | 6°55' | 23°0' | 13°9' | 1°31' | 7°20' | 8°42' | 4°0' | 8°3' | F 20 |
| S 21 | 23 59 27 | 27°58'17" | 13°22' | 12°15' | 1°6' | 26°7' | 0°7' | 7°1' | 23°4' | 13°10' | 1°30' | 7°22' | 8°39' | 4°6' | 8°10' | S 21 |
| S 22 | 0 3 23 | 28°57'04" | 25°31' | 12°30' | 1°17' | 26°45' | 0°12' | 7°7' | 23°8' | 13°12' | 1°29' | 7°R23' | 8°35' | 4°13' | 8°17' | S 22 |
| M23 | 0 7 20 | 29°55'53" | 7 ^h 25' | 12°54' | 1°26' | 27°24' | 0°17' | 7°12' | 23°12' | 13°14' | 1°28' | 7°23' | 8°32' | 4°20' | 8°24' | M23 |
| T 24 | 0 11 17 | 0 ^h 54'45" | 20°44' | 13°28' | 1°32' | 28°3' | 0°22' | 7°18' | 23°16' | 13°15' | 1°27' | 7°21' | 8°29' | 4°26' | 8°31' | T 24 |
| W25 | 0 15 13 | 1°53'38" | 3 ^h 25' | 14°11' | 1°36' | 28°42' | 0°27' | 7°23' | 23°19' | 13°17' | 1°26' | 7°18' | 8°26' | 4°33' | 8°38' | W25 |
| T 26 | 0 19 10 | 2°52'34" | 17°39' | 15°3' | 1°R39' | 29°21' | 0°31' | 7°29' | 23°23' | 13°19' | 1°25' | 7°13' | 8°23' | 4°39' | 8°46' | T 26 |
| F 27 | 0 23 6 | 3°51'32" | 1 ^h 48' | 16°2' | 1°38' | 29°59' | 0°36' | 7°34' | 23°27' | 13°21' | 1°24' | 7°8' | 8°20' | 4°46' | 8°53' | F 27 |
| S 28 | 0 27 3 | 4°50'32" | 16°21' | 17°8' | 1°36' | 0 ^h 39' | 0°40' | 7°40' | 23°31' | 13°23' | 1°23' | 7°3' | 8°16' | 4°53' | 9°0' | S 28 |
| S 29 | 0 30 59 | 5°49'35" | 1 ^h 12' | 18°20' | 1°31' | 1°17' | 0°44' | 7°45' | 23°34' | 13°25' | 1°22' | 6°59' | 8°13' | 4°59' | 9°8' | S 29 |
| M30 | 0 34 56 | 6 ^h 48'39" | 16 ^h 15' | 19 ^h 39' | 1 ^h 24' | 1 ^h 56' | 0 ^h 48' | 7 ^h 50' | 23 ^h 38' | 13 ^h 26' | 1 ^h 21' | 6 ^h 56' | 8 ^h 10' | 5 ^h 6' | 9 ^h 15' | M30 |

| Day | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|------|--------------|------|------|------|-------|------|------|------|------|------|-------|------|------|------|-------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | |
| S 1 | 8n24 | 6n14 | 3n39 | 2s17 | 4s19 | 12s10 | 4s3 | 7n32 | 1n1 | 23n0 | 0s27 | 19n26 | 0n22 | 3n55 | 0n43 | 13s59 |
| M 2 | 8 2 | 0s33 | 2 37 | 2 8 | 4 21 | 12 33 | 4 11 | 7 17 | 1 1 | 23 0 | 0 27 | 19 24 | 0 23 | 3 53 | 0 43 | 14 0 |
| T 3 | 7 40 | 7 19 | 1 25 | 1 56 | 4 21 | 12 56 | 4 20 | 7 1 | 1 1 | 23 0 | 0 27 | 19 23 | 0 23 | 3 52 | 0 43 | 14 0 |
| W 4 | 7 18 | 13 39 | 0 8 | 1 40 | 4 20 | 13 18 | 4 28 | 6 46 | 1 0 | 23 0 | 0 27 | 19 21 | 0 23 | 3 50 | 0 43 | 14 1 |
| T 5 | 6 56 | 19 10 | 1s9 | 1 50 | 4 17 | 13 40 | 4 36 | 6 31 | 1 0 | 23 0 | 0 27 | 19 20 | 0 23 | 3 49 | 0 43 | 14 1 |
| F 6 | 6 33 | 23 30 | 2 20 | 0 26 | 4 12 | 14 2 | 4 45 | 6 16 | 1 0 | 23 0 | 0 27 | 19 18 | 0 23 | 3 47 | 0 43 | 14 1 |
| S 7 | 6 11 | 26 22 | 3 21 | 0 29 | 4 5 | 14 23 | 4 53 | 6 1 | 0 59 | 23 0 | 0 27 | 19 17 | 0 23 | 3 46 | 0 43 | 14 2 |
| S 8 | 5 48 | 27 37 | 4 11 | 0n2 | 3 57 | 14 43 | 5 1 | 5 45 | 0 59 | 23 1 | 0 27 | 19 15 | 0 23 | 3 44 | 0 43 | 14 2 |
| M 9 | 5 26 | 27 12 | 4 45 | 0 35 | 3 46 | 15 3 | 5 10 | 5 30 | 0 59 | 23 1 | 0 27 | 19 14 | 0 23 | 3 43 | 0 43 | 14 3 |
| T 10 | 5 3 | 25 15 | 5 3 | 1 10 | 3 34 | 15 22 | 5 18 | 5 15 | 0 59 | 23 1 | 0 27 | 19 12 | 0 23 | 3 41 | 0 43 | 14 3 |
| W11 | 4 40 | 22 1 | 5 6 | 1 47 | 3 19 | 15 41 | 5 26 | 4 59 | 0 58 | 23 1 | 0 27 | 19 11 | 0 24 | 3 40 | 0 43 | 14 4 |
| T 12 | 4 17 | 17 47 | 4 53 | 2 25 | 3 4 | 15 59 | 5 35 | 4 44 | 0 58 | 23 1 | 0 27 | 19 9 | 0 24 | 3 38 | 0 43 | 14 4 |
| F 13 | 3 54 | 12 50 | 4 27 | 3 3 | 2 46 | 16 17 | 5 43 | 4 28 | 0 58 | 23 1 | 0 27 | 19 8 | 0 24 | 3 37 | 0 43 | 14 5 |
| S 14 | 3 31 | 7 28 | 3 48 | 3 41 | 2 28 | 16 34 | 5 51 | 4 13 | 0 57 | 23 1 | 0 27 | 19 6 | 0 24 | 3 35 | 0 43 | 14 5 |
| S 15 | 3 8 | 1 53 | 2 59 | 4 17 | 2 9 | 16 50 | 5 59 | 3 57 | 0 57 | 23 1 | 0 27 | 19 5 | 0 24 | 3 34 | 0 43 | 14 6 |
| M16 | 2 45 | 3n43 | 2 2 | 4 50 | 1 49 | 17 5 | 6 7 | 3 42 | 0 57 | 23 1 | 0 27 | 19 3 | 0 24 | 3 33 | 0 43 | 14 6 |
| T 17 | 2 22 | 9 7 | 1 1 | 5 21 | 1 29 | 17 20 | 6 15 | 3 26 | 0 56 | 23 1 | 0 27 | 19 2 | 0 24 | 3 31 | 0 43 | 14 7 |
| W18 | 1 58 | 14 11 | 0n3 | 5 49 | 1 9 | 17 34 | 6 22 | 3 11 | 0 56 | 23 1 | 0 27 | 19 1 | 0 24 | 3 30 | 0 43 | 14 7 |
| T 19 | 1 35 | 18 43 | 1 6 | 6 13 | 0 50 | 17 47 | 6 30 | 2 55 | 0 56 | 23 1 | 0 27 | 18 59 | 0 24 | 3 28 | 0 43 | 14 8 |
| F 20 | 1 12 | 22 33 | 2 8 | 6 32 | 0 31 | 17 59 | 6 37 | 2 39 | 0 56 | 23 1 | 0 27 | 18 58 | 0 25 | 3 27 | 0 43 | 14 8 |
| S 21 | 0 48 | 25 28 | 3 4 | 6 47 | 0 13 | 18 11 | 6 45 | 2 24 | 0 55 | 23 1 | 0 27 | 18 56 | 0 25 | 3 25 | 0 43 | 14 9 |
| S 22 | 0 25 | 27 16 | 3 53 | 6 57 | 0n5 | 18 21 | 6 52 | 2 8 | 0 55 | 23 1 | 0 27 | 18 55 | 0 25 | 3 24 | 0 43 | 14 10 |
| M23 | 0 2 | 27 45 | 4 32 | 7 3 | 0 21 | 18 30 | 6 58 | 1 52 | 0 55 | 23 1 | 0 27 | 18 54 | 0 25 | 3 22 | 0 43 | 14 10 |
| T 24 | 0s22 | 26 47 | 4 59 | 7 3 | 0 36 | 18 39 | 7 5 | 1 36 | 0 54 | 23 1 | 0 27 | 18 52 | 0 25 | 3 21 | 0 43 | 14 11 |
| W25 | 0 45 | 24 20 | 5 12 | 6 59 | 0 49 | 18 46 | 7 11 | 1 21 | 0 54 | 23 1 | 0 27 | 18 51 | 0 25 | 3 19 | 0 43 | 14 11 |
| T 26 | 1 9 | 20 26 | 5 7 | 6 51 | 1 2 | 18 52 | 7 17 | 1 5 | 0 54 | 23 1 | 0 27 | 18 50 | 0 25 | 3 18 | 0 43 | 14 12 |
| F 27 | 1 32 | 15 16 | 4 44 | 6 38 | 1 13 | 18 57 | 7 22 | 0 49 | 0 53 | 23 1 | 0 27 | 18 49 | 0 25 | 3 16 | 0 43 | 14 12 |
| S 28 | 1 56 | 9 7 | 4 2 | 6 21 | 1 22 | 19 1 | 7 27 | 0 33 | 0 53 | 23 1 | 0 27 | 18 47 | 0 26 | 3 15 | 0 43 | 14 13 |
| S 29 | 2 19 | 2 19 | 3 3 | 6 0 | 1 31 | 19 4 | 7 32 | 0 17 | 0 53 | 23 1 | 0 27 | 18 46 | 0 26 | 3 13 | 0 43 | 14 14 |
| M30 | 2s42 | 4s41 | 1n51 | 5n36 | 1n38 | 19s5 | 7s36 | 0n2 | 0n52 | 23n1 | 0s26 | 18n45 | 0n26 | 3n12 | 0n43 | 14s14 |

Julian Day Number = 2378374.5, Delta T = 18.75 sec
 Ecliptic obliquity = 23°28'03", Nutation = - 0°00'10", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°56'35", Lahiri = 21°03'36"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1799
geocentric

OCTOBER 1799

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|---------|----------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|------|------|-------|------|
| T 1 | 0 38 52 | 7♏47'45 | 1♏18 | 21♏ 2 | 1°R14 | 2♏35 | 0♏52 | 7♏56 | 23♏42 | 13♏28 | 1°R20 | 6°D55 | 8♏ 7 | 5♏13 | 9♏23 | T 1 |
| W 2 | 0 42 49 | 8°46'54 | 16°15 | 22°29 | 1♏ 2 | 3°14 | 0°55 | 8° 1 | 23°45 | 13°30 | 1°R19 | 6°D55 | 8° 4 | 5°19 | 9°30 | W 2 |
| T 3 | 0 46 46 | 9°46'04 | 0♏58 | 24° 0 | 0°47 | 3°53 | 0°58 | 8° 6 | 23°49 | 13°32 | 1°18 | 6°56 | 8° 1 | 5°26 | 9°38 | T 3 |
| F 4 | 0 50 42 | 10°45'16 | 15°21 | 25°34 | 0°30 | 4°32 | 1° 2 | 8°10 | 23°53 | 13°34 | 1°17 | 6°58 | 7°57 | 5°33 | 9°45 | F 4 |
| S 5 | 0 54 39 | 11°44'30 | 29°23 | 27°11 | 0°11 | 5°12 | 1° 5 | 8°15 | 23°56 | 13°36 | 1°16 | 6°59 | 7°54 | 5°39 | 9°53 | S 5 |
| S 6 | 0 58 35 | 12°43'46 | 13♏ 3 | 28°50 | 29♏50 | 5°51 | 1° 7 | 8°20 | 24° 0 | 13°38 | 1°15 | 6°R59 | 7°51 | 5°46 | 10° 1 | S 6 |
| M 7 | 1 2 32 | 13°43'03 | 26°22 | 0♏30 | 29°26 | 6°30 | 1°10 | 8°25 | 24° 4 | 13°40 | 1°14 | 6°59 | 7°48 | 5°53 | 10° 8 | M 7 |
| T 8 | 1 6 28 | 14°42'22 | 9♏22 | 2°12 | 29° 1 | 7° 9 | 1°12 | 8°29 | 24° 7 | 13°42 | 1°13 | 6°57 | 7°45 | 5°59 | 10°16 | T 8 |
| W 9 | 1 10 25 | 15°41'43 | 22° 5 | 3°55 | 28°33 | 7°48 | 1°14 | 8°34 | 24°11 | 13°44 | 1°12 | 6°54 | 7°41 | 6° 6 | 10°24 | W 9 |
| T 10 | 1 14 21 | 16°41'06 | 4♏34 | 5°38 | 28° 4 | 8°27 | 1°16 | 8°38 | 24°14 | 13°46 | 1°12 | 6°51 | 7°38 | 6°12 | 10°32 | T 10 |
| F 11 | 1 18 18 | 17°40'30 | 16°50 | 7°22 | 27°33 | 9° 6 | 1°18 | 8°43 | 24°18 | 13°48 | 1°11 | 6°48 | 7°35 | 6°19 | 10°40 | F 11 |
| S 12 | 1 22 15 | 18°39'56 | 28°57 | 9° 6 | 27° 0 | 9°46 | 1°20 | 8°47 | 24°22 | 13°50 | 1°10 | 6°45 | 7°32 | 6°26 | 10°48 | S 12 |
| S 13 | 1 26 11 | 19°39'25 | 10♏56 | 10°50 | 26°26 | 10°25 | 1°21 | 8°51 | 24°25 | 13°52 | 1° 9 | 6°43 | 7°29 | 6°32 | 10°55 | S 13 |
| M14 | 1 30 8 | 20°38'55 | 22°49 | 12°34 | 25°51 | 11° 4 | 1°23 | 8°55 | 24°29 | 13°54 | 1° 8 | 6°42 | 7°26 | 6°39 | 11° 3 | M14 |
| T 15 | 1 34 4 | 21°38'27 | 4♏38 | 14°18 | 25°16 | 11°44 | 1°24 | 8°59 | 24°32 | 13°57 | 1° 8 | 6°D41 | 7°22 | 6°46 | 11°11 | T 15 |
| W16 | 1 38 1 | 22°38'02 | 16°25 | 16° 1 | 24°39 | 12°23 | 1°24 | 9° 3 | 24°36 | 13°59 | 1° 7 | 6°41 | 7°19 | 6°52 | 11°19 | W16 |
| T 17 | 1 41 57 | 23°37'38 | 28°13 | 17°44 | 24° 3 | 13° 2 | 1°25 | 9° 7 | 24°39 | 14° 1 | 1° 6 | 6°42 | 7°16 | 6°59 | 11°27 | T 17 |
| F 18 | 1 45 54 | 24°37'17 | 10♏ 5 | 19°27 | 23°26 | 13°42 | 1°25 | 9°10 | 24°42 | 14° 3 | 1° 6 | 6°43 | 7°13 | 7° 6 | 11°35 | F 18 |
| S 19 | 1 49 50 | 25°36'58 | 22° 4 | 21°10 | 22°49 | 14°21 | 1°26 | 9°14 | 24°46 | 14° 5 | 1° 5 | 6°44 | 7°10 | 7°12 | 11°43 | S 19 |
| S 20 | 1 53 47 | 26°36'41 | 4♏13 | 22°52 | 22°13 | 15° 1 | 1°R26 | 9°18 | 24°49 | 14° 7 | 1° 4 | 6°45 | 7° 7 | 7°19 | 11°51 | S 20 |
| M21 | 1 57 44 | 27°36'27 | 16°38 | 24°33 | 21°38 | 15°40 | 1°26 | 9°21 | 24°53 | 14° 9 | 1° 4 | 6°46 | 7° 3 | 7°26 | 12° 0 | M21 |
| T 22 | 2 1 40 | 28°36'15 | 29°21 | 26°14 | 21° 3 | 16°20 | 1°25 | 9°24 | 24°56 | 14°12 | 1° 3 | 6°R46 | 7° 0 | 7°32 | 12° 8 | T 22 |
| W23 | 2 5 37 | 29°36'05 | 12♏28 | 27°54 | 20°29 | 16°59 | 1°25 | 9°28 | 24°59 | 14°14 | 1° 3 | 6°46 | 6°57 | 7°39 | 12°16 | W23 |
| T 24 | 2 9 33 | 0♏35'57 | 26° 0 | 29°34 | 19°57 | 17°39 | 1°24 | 9°31 | 25° 2 | 14°16 | 1° 2 | 6°46 | 6°54 | 7°46 | 12°24 | T 24 |
| F 25 | 2 13 30 | 1°35'51 | 10♏ 0 | 1♏14 | 19°26 | 18°18 | 1°23 | 9°34 | 25° 6 | 14°18 | 1° 1 | 6°45 | 6°51 | 7°52 | 12°32 | F 25 |
| S 26 | 2 17 26 | 2°35'48 | 24°26 | 2°52 | 18°57 | 18°58 | 1°22 | 9°37 | 25° 9 | 14°20 | 1° 1 | 6°44 | 6°47 | 7°59 | 12°40 | S 26 |
| S 27 | 2 21 23 | 3°35'47 | 9♏15 | 4°31 | 18°30 | 19°38 | 1°20 | 9°39 | 25°12 | 14°23 | 1° 1 | 6°44 | 6°44 | 8° 5 | 12°48 | S 27 |
| M28 | 2 25 19 | 4°35'47 | 24°20 | 6° 8 | 18° 5 | 20°17 | 1°19 | 9°42 | 25°15 | 14°25 | 1° 0 | 6°44 | 6°41 | 8°12 | 12°57 | M28 |
| T 29 | 2 29 16 | 5°35'50 | 9♏33 | 7°46 | 17°42 | 20°57 | 1°17 | 9°45 | 25°18 | 14°27 | 1° 0 | 6°D44 | 6°38 | 8°19 | 13° 5 | T 29 |
| W30 | 2 33 12 | 6°35'55 | 24°44 | 9°23 | 17°21 | 21°37 | 1°15 | 9°47 | 25°21 | 14°29 | 0°59 | 6°R44 | 6°35 | 8°25 | 13°13 | W30 |
| T 31 | 2 37 9 | 7♏36'01 | 9♏44 | 10♏59 | 17♏ 2 | 22♏17 | 1°52 | 9°50 | 25°24 | 14°32 | 0°59 | 6°R44 | 6°32 | 8°32 | 13♏21 | T 31 |

| Day | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|-------|-------|------|-------|------|-------|------|------|------|-------|------|-------|------|------|------|-------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | lat |
| T 1 | 3s 6 | 11s28 | 0n31 | 5n 9 | 1n44 | 19s 5 | 7s40 | 0s14 | 0n52 | 23n 1 | 0s26 | 18n44 | 0n26 | 3n10 | 0n43 | 14s15 |
| W 2 | 3 29 | 17 32 | 0s51 | 4 39 | 1 48 | 19 4 | 7 43 | 0 30 | 0 52 | 23 1 | 0 26 | 18 42 | 0 26 | 3 9 | 0 43 | 14 15 |
| T 3 | 3 52 | 22 28 | 2 8 | 4 6 | 1 52 | 19 1 | 7 46 | 0 46 | 0 51 | 23 1 | 0 26 | 18 41 | 0 26 | 3 7 | 0 43 | 14 16 |
| F 4 | 4 16 | 25 54 | 3 16 | 3 31 | 1 54 | 18 57 | 7 48 | 1 2 | 0 51 | 23 1 | 0 26 | 18 40 | 0 26 | 3 6 | 0 43 | 14 17 |
| S 5 | 4 39 | 27 38 | 4 10 | 2 54 | 1 56 | 18 51 | 7 49 | 1 18 | 0 51 | 23 1 | 0 26 | 18 39 | 0 26 | 3 4 | 0 43 | 14 17 |
| S 6 | 5 2 | 27 36 | 4 48 | 2 15 | 1 57 | 18 44 | 7 49 | 1 33 | 0 50 | 23 1 | 0 26 | 18 38 | 0 27 | 3 3 | 0 43 | 14 18 |
| M 7 | 5 25 | 25 58 | 5 10 | 1 35 | 1 57 | 18 35 | 7 49 | 1 49 | 0 50 | 23 1 | 0 26 | 18 37 | 0 27 | 3 2 | 0 43 | 14 18 |
| T 8 | 5 48 | 22 59 | 5 15 | 0 53 | 1 56 | 18 25 | 7 48 | 2 5 | 0 49 | 23 2 | 0 26 | 18 36 | 0 27 | 3 0 | 0 43 | 14 19 |
| W 9 | 6 11 | 18 57 | 5 4 | 0 11 | 1 54 | 18 13 | 7 47 | 2 21 | 0 49 | 23 2 | 0 26 | 18 35 | 0 27 | 2 59 | 0 43 | 14 20 |
| T 10 | 6 34 | 14 11 | 4 39 | 0s32 | 1 52 | 18 0 | 7 44 | 2 37 | 0 49 | 23 2 | 0 26 | 18 34 | 0 27 | 2 57 | 0 43 | 14 20 |
| F 11 | 6 57 | 8 55 | 4 2 | 1 15 | 1 49 | 17 46 | 7 41 | 2 52 | 0 48 | 23 2 | 0 26 | 18 33 | 0 27 | 2 56 | 0 43 | 14 21 |
| S 12 | 7 19 | 3 23 | 3 14 | 1 59 | 1 46 | 17 30 | 7 36 | 3 8 | 0 48 | 23 2 | 0 26 | 18 32 | 0 27 | 2 55 | 0 44 | 14 22 |
| S 13 | 7 42 | 2n13 | 2 18 | 2 44 | 1 42 | 17 12 | 7 31 | 3 24 | 0 48 | 23 2 | 0 26 | 18 31 | 0 28 | 2 53 | 0 44 | 14 22 |
| M14 | 8 4 | 7 43 | 1 16 | 3 28 | 1 38 | 16 54 | 7 25 | 3 40 | 0 47 | 23 2 | 0 26 | 18 30 | 0 28 | 2 52 | 0 44 | 14 23 |
| T 15 | 8 27 | 12 54 | 0 11 | 4 13 | 1 33 | 16 34 | 7 18 | 3 55 | 0 47 | 23 2 | 0 26 | 18 29 | 0 28 | 2 50 | 0 44 | 14 23 |
| W16 | 8 49 | 17 38 | 0n54 | 4 47 | 1 28 | 16 14 | 7 11 | 4 11 | 0 47 | 23 2 | 0 26 | 18 28 | 0 28 | 2 49 | 0 44 | 14 24 |
| T 17 | 9 11 | 21 41 | 1 57 | 5 41 | 1 23 | 15 52 | 7 2 | 4 27 | 0 46 | 23 2 | 0 26 | 18 27 | 0 28 | 2 48 | 0 44 | 14 25 |
| F 18 | 9 33 | 24 52 | 2 55 | 6 25 | 1 18 | 15 29 | 6 53 | 4 42 | 0 46 | 23 2 | 0 26 | 18 26 | 0 28 | 2 46 | 0 44 | 14 25 |
| S 19 | 9 55 | 26 59 | 3 46 | 7 9 | 1 12 | 15 6 | 6 42 | 4 58 | 0 45 | 23 2 | 0 26 | 18 25 | 0 28 | 2 45 | 0 44 | 14 26 |
| S 20 | 10 17 | 27 52 | 4 28 | 7 53 | 1 6 | 14 42 | 6 32 | 5 14 | 0 45 | 23 2 | 0 26 | 18 25 | 0 29 | 2 44 | 0 44 | 14 27 |
| M21 | 10 38 | 27 22 | 4 58 | 8 36 | 1 0 | 14 18 | 6 20 | 5 29 | 0 45 | 23 2 | 0 26 | 18 24 | 0 29 | 2 42 | 0 44 | 14 27 |
| T 22 | 10 59 | 25 26 | 5 15 | 9 18 | 0 54 | 13 54 | 6 8 | 5 45 | 0 44 | 23 2 | 0 26 | 18 23 | 0 29 | 2 41 | 0 44 | 14 28 |
| W23 | 11 21 | 22 8 | 5 16 | 10 0 | 0 48 | 13 29 | 5 55 | 6 0 | 0 44 | 23 2 | 0 26 | 18 22 | 0 29 | 2 40 | 0 44 | 14 29 |
| T 24 | 11 42 | 17 34 | 5 0 | 10 42 | 0 41 | 13 5 | 5 42 | 6 16 | 0 43 | 23 2 | 0 26 | 18 22 | 0 29 | 2 39 | 0 44 | 14 29 |
| F 25 | 12 3 | 11 56 | 4 26 | 11 22 | 0 35 | 12 40 | 5 28 | 6 31 | 0 43 | 23 2 | 0 25 | 18 21 | 0 29 | 2 37 | 0 44 | 14 30 |
| S 26 | 12 23 | 5 29 | 3 34 | 12 3 | 0 28 | 12 16 | 5 14 | 6 47 | 0 43 | 23 2 | 0 25 | 18 20 | 0 29 | 2 36 | 0 44 | 14 31 |
| S 27 | 12 44 | 1s25 | 2 27 | 12 42 | 0 21 | 11 53 | 5 0 | 7 2 | 0 42 | 23 2 | 0 25 | 18 20 | 0 30 | 2 35 | 0 44 | 14 31 |
| M28 | 13 4 | 8 23 | 1 8 | 13 21 | 0 15 | 11 30 | 4 45 | 7 18 | 0 42 | 23 2 | 0 25 | 18 19 | 0 30 | 2 34 | 0 44 | 14 32 |
| T 29 | 13 24 | 14 56 | 0s16 | 14 0 | 0 8 | 11 7 | 4 31 | 7 33 | 0 41 | 23 2 | 0 25 | 18 19 | 0 30 | 2 32 | 0 44 | 14 33 |
| W30 | 13 44 | 20 34 | 1 39 | 14 37 | 0 1 | 10 45 | 4 16 | 7 48 | 0 41 | 23 3 | 0 25 | 18 18 | 0 30 | 2 31 | 0 44 | 14 33 |
| T 31 | 14s 4 | 24s48 | 2s54 | 15s14 | 0s 6 | 10s24 | 4s 1 | 8s 3 | 0n40 | 23n 3 | 0s25 | 18n18 | 0n30 | 2n30 | 0n44 | 14s34 |

Julian Day Number = 2378404.5, Delta T = 18.71 sec
Ecliptic obliquity = 23°28'03", Nutation = - 0°00'11", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°56'39", Lahiri = 21°03'40"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1799

geocentric

NOVEMBER 1799

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|---------|----------|-------|-------|--------|-------|-------|--------|-------|-------|-------|-------|------|-------|-------|------|
| F 1 | 2 41 6 | 8♉36°10 | 24♊25 | 12♉35 | 16°R46 | 22♉56 | 1°R10 | 9♉52 | 25♊27 | 14♉34 | 0°R59 | 6°R44 | 6♉28 | 8♉39 | 13♉29 | F 1 |
| S 2 | 2 45 2 | 9°36'20 | 8♉41 | 14°11 | 16♉32 | 23°36 | 1♉8 | 9°54 | 25°30 | 14°36 | 0°58 | 6♉43 | 6°25 | 8°45 | 13°38 | S 2 |
| S 3 | 2 48 59 | 10°36'31 | 22°31 | 15°46 | 16°20 | 24°16 | 1° 5 | 9°56 | 25°33 | 14°38 | 0°58 | 6°43 | 6°22 | 8°52 | 13°46 | S 3 |
| M 4 | 2 52 55 | 11°36'44 | 5♉55 | 17°20 | 16°11 | 24°56 | 1° 2 | 9°58 | 25°36 | 14°40 | 0°58 | 6°D43 | 6°19 | 8°59 | 13°54 | M 4 |
| T 5 | 2 56 52 | 12°36'58 | 18°54 | 18°55 | 16° 5 | 25°36 | 0°59 | 10° 0 | 25°39 | 14°43 | 0°57 | 6°43 | 6°16 | 9° 5 | 14° 2 | T 5 |
| W 6 | 3 0 48 | 13°37'14 | 1♉32 | 20°29 | 16° 1 | 26°16 | 0°55 | 10° 2 | 25°42 | 14°45 | 0°57 | 6°43 | 6°13 | 9°12 | 14°11 | W 6 |
| T 7 | 3 4 45 | 14°37'31 | 13°52 | 22° 2 | 15°D59 | 26°56 | 0°52 | 10° 4 | 25°45 | 14°47 | 0°57 | 6°44 | 6° 9 | 9°19 | 14°19 | T 7 |
| F 8 | 3 8 42 | 15°37'50 | 25°59 | 23°36 | 16° 0 | 27°36 | 0°48 | 10° 5 | 25°48 | 14°49 | 0°57 | 6°45 | 6° 6 | 9°25 | 14°27 | F 8 |
| S 9 | 3 12 38 | 16°38'10 | 7♉57 | 25° 9 | 16° 3 | 28°16 | 0°44 | 10° 7 | 25°50 | 14°52 | 0°57 | 6°46 | 6° 3 | 9°32 | 14°35 | S 9 |
| S 10 | 3 16 35 | 17°38'32 | 19°48 | 26°41 | 16° 8 | 28°56 | 0°40 | 10° 8 | 25°53 | 14°54 | 0°56 | 6°47 | 6° 0 | 9°38 | 14°43 | S 10 |
| M 11 | 3 20 31 | 18°38'55 | 1♉36 | 28°14 | 16°16 | 29°36 | 0°36 | 10° 9 | 25°56 | 14°56 | 0°56 | 6°R47 | 5°57 | 9°45 | 14°52 | M 11 |
| T 12 | 3 24 28 | 19°39'20 | 13°24 | 29°46 | 16°26 | 0♉16 | 0°31 | 10°10 | 25°58 | 14°58 | 0°56 | 6°47 | 5°53 | 9°52 | 15° 0 | T 12 |
| W 13 | 3 28 24 | 20°39'46 | 25°13 | 1♉18 | 16°38 | 0°56 | 0°27 | 10°11 | 26° 1 | 15° 1 | 0°56 | 6°46 | 5°50 | 9°58 | 15° 8 | W 13 |
| T 14 | 3 32 21 | 21°40'15 | 7♉6 | 2°49 | 16°53 | 1°36 | 0°22 | 10°12 | 26° 4 | 15° 3 | 0°D56 | 6°45 | 5°47 | 10° 5 | 15°16 | T 14 |
| F 15 | 3 36 17 | 22°40'44 | 19° 6 | 4°21 | 17° 9 | 2°16 | 0°17 | 10°13 | 26° 6 | 15° 5 | 0°56 | 6°43 | 5°44 | 10°12 | 15°24 | F 15 |
| S 16 | 3 40 14 | 23°41'16 | 1♉12 | 5°52 | 17°28 | 2°57 | 0°12 | 10°14 | 26° 8 | 15° 7 | 0°56 | 6°40 | 5°41 | 10°18 | 15°33 | S 16 |
| S 17 | 3 44 11 | 24°41'49 | 13°30 | 7°22 | 17°48 | 3°37 | 0° 6 | 10°14 | 26°11 | 15°10 | 0°56 | 6°37 | 5°38 | 10°25 | 15°41 | S 17 |
| M 18 | 3 48 7 | 25°42'24 | 25°59 | 8°53 | 18°11 | 4°17 | 0° 1 | 10°15 | 26°13 | 15°12 | 0°56 | 6°35 | 5°34 | 10°32 | 15°49 | M 18 |
| T 19 | 3 52 4 | 26°43'01 | 8♉44 | 10°23 | 18°35 | 4°57 | 29♉55 | 10°15 | 26°16 | 15°14 | 0°57 | 6°33 | 5°31 | 10°38 | 15°57 | T 19 |
| W 20 | 3 56 0 | 27°43'39 | 21°47 | 11°53 | 19° 1 | 5°38 | 29°50 | 10°15 | 26°18 | 15°16 | 0°57 | 6°D32 | 5°28 | 10°45 | 16° 5 | W 20 |
| T 21 | 3 59 57 | 28°44'19 | 5♉11 | 13°22 | 19°29 | 6°18 | 29°44 | 10°R15 | 26°20 | 15°19 | 0°57 | 6°32 | 5°25 | 10°52 | 16°13 | T 21 |
| F 22 | 4 3 53 | 29°45'01 | 18°57 | 14°51 | 19°59 | 6°59 | 29°38 | 10°15 | 26°22 | 15°21 | 0°57 | 6°33 | 5°22 | 10°58 | 16°21 | F 22 |
| S 23 | 4 7 50 | 0♉45'44 | 3♉6 | 16°20 | 20°30 | 7°39 | 29°31 | 10°15 | 26°24 | 15°23 | 0°57 | 6°34 | 5°18 | 11° 5 | 16°29 | S 23 |
| S 24 | 4 11 46 | 1°46'29 | 17°38 | 17°48 | 21° 2 | 8°19 | 29°25 | 10°15 | 26°27 | 15°25 | 0°57 | 6°35 | 5°15 | 11°12 | 16°37 | S 24 |
| M 25 | 4 15 43 | 2°47'15 | 2♉29 | 19°16 | 21°36 | 9° 0 | 29°18 | 10°14 | 26°29 | 15°27 | 0°58 | 6°R36 | 5°12 | 11°18 | 16°45 | M 25 |
| T 26 | 4 19 40 | 3°48'03 | 17°32 | 20°43 | 22°12 | 9°41 | 29°12 | 10°14 | 26°31 | 15°29 | 0°58 | 6°36 | 5° 9 | 11°25 | 16°53 | T 26 |
| W 27 | 4 23 36 | 4°48'53 | 2♉41 | 22°10 | 22°49 | 10°21 | 29° 5 | 10°13 | 26°33 | 15°32 | 0°58 | 6°34 | 5° 6 | 11°31 | 17° 1 | W 27 |
| T 28 | 4 27 33 | 5°49'44 | 17°44 | 23°36 | 23°27 | 11° 2 | 28°58 | 10°13 | 26°34 | 15°34 | 0°59 | 6°31 | 5° 3 | 11°38 | 17° 9 | T 28 |
| F 29 | 4 31 29 | 6°50'36 | 2♉33 | 25° 1 | 24° 6 | 11°42 | 28°51 | 10°12 | 26°36 | 15°36 | 0°59 | 6°27 | 4°59 | 11°45 | 17°17 | F 29 |
| S 30 | 4 35 26 | 7♉51'28 | 17♉1 | 26♉25 | 24♉47 | 12♉23 | 28♉44 | 10♉11 | 26♉38 | 15♉38 | 0°59 | 6♉22 | 4♉56 | 11♉51 | 17♉25 | 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 | 14s23 | 27s16 | 3s55 | 15s50 | 0s12 | 10s 4 | 3s46 | 8s19 | 0n40 | 23n 3 | 0s25 | 18n17 | 0n30 | 2n29 | 0n44 | 14s35 | 1n44 | 22s39 | 12s22 | 13n47 | 13n42 | 14n35 | 14s13 | 1n46 | |
| S 2 | 14 42 | 27 51 | 4 41 | 16 25 | 0 19 | 9 45 | 3 31 | 8 34 | 0 40 | 23 3 | 0 25 | 18 17 | 0 30 | 2 28 | 0 44 | 14 35 | 1 44 | 22 39 | 12 21 | 13 47 | 13 41 | 14 38 | 14 15 | 1 46 | |
| S 3 | 15 1 | 26 39 | 5 8 | 16 59 | 0 26 | 9 27 | 3 16 | 8 49 | 0 39 | 23 3 | 0 25 | 18 16 | 0 31 | 2 26 | 0 44 | 14 36 | 1 43 | 22 39 | 12 21 | 13 46 | 13 40 | 14 41 | 14 17 | 1 47 | |
| M 4 | 15 20 | 23 57 | 5 18 | 17 33 | 0 32 | 9 10 | 3 1 | 9 4 | 0 39 | 23 3 | 0 25 | 18 16 | 0 31 | 2 25 | 0 44 | 14 37 | 1 43 | 22 39 | 12 21 | 13 46 | 13 38 | 14 44 | 14 20 | 1 47 | |
| T 5 | 15 39 | 20 6 | 5 11 | 18 5 | 0 39 | 8 54 | 2 46 | 9 19 | 0 38 | 23 3 | 0 25 | 18 15 | 0 31 | 2 24 | 0 44 | 14 37 | 1 43 | 22 39 | 12 21 | 13 46 | 13 37 | 14 47 | 14 22 | 1 47 | |
| W 6 | 15 57 | 15 26 | 4 49 | 18 37 | 0 45 | 8 39 | 2 32 | 9 34 | 0 38 | 23 3 | 0 25 | 18 15 | 0 31 | 2 23 | 0 44 | 14 38 | 1 43 | 22 38 | 12 20 | 13 46 | 13 36 | 14 50 | 14 24 | 1 48 | |
| T 7 | 16 15 | 10 15 | 4 14 | 19 8 | 0 52 | 8 25 | 2 18 | 9 49 | 0 37 | 23 3 | 0 25 | 18 15 | 0 31 | 2 22 | 0 44 | 14 39 | 1 43 | 22 38 | 12 20 | 13 47 | 13 35 | 14 53 | 14 26 | 1 48 | |
| F 8 | 16 32 | 4 46 | 3 28 | 19 38 | 0 58 | 8 12 | 2 4 | 10 3 | 0 37 | 23 3 | 0 25 | 18 15 | 0 31 | 2 21 | 0 44 | 14 39 | 1 43 | 22 38 | 12 20 | 13 47 | 13 34 | 14 56 | 14 28 | 1 48 | |
| S 9 | 16 50 | 0n48 | 2 33 | 20 7 | 1 4 | 8 1 | 1 50 | 10 18 | 0 36 | 23 3 | 0 25 | 18 14 | 0 32 | 2 20 | 0 44 | 14 40 | 1 43 | 22 38 | 12 20 | 13 47 | 13 33 | 14 59 | 14 30 | 1 48 | |
| S 10 | 17 7 | 6 19 | 1 33 | 20 34 | 1 10 | 7 50 | 1 37 | 10 33 | 0 36 | 23 3 | 0 24 | 18 14 | 0 32 | 2 19 | 0 44 | 14 41 | 1 43 | 22 38 | 12 19 | 13 48 | 13 32 | 15 2 | 14 33 | 1 49 | |
| M 11 | 17 24 | 11 36 | 0 29 | 21 1 | 1 16 | 7 41 | 1 23 | 10 47 | 0 36 | 23 4 | 0 24 | 18 14 | 0 32 | 2 18 | 0 44 | 14 41 | 1 43 | 22 37 | 12 19 | 13 48 | 13 31 | 15 5 | 14 35 | 1 49 | |
| T 12 | 17 40 | 16 28 | 0n37 | 21 27 | 1 22 | 7 33 | 1 11 | 11 2 | 0 35 | 23 4 | 0 24 | 18 14 | 0 32 | 2 17 | 0 44 | 14 42 | 1 43 | 22 37 | 12 19 | 13 48 | 13 30 | 15 8 | 14 37 | 1 49 | |
| W 13 | 17 56 | 20 43 | 1 40 | 21 52 | 1 27 | 7 26 | 0 58 | 11 16 | 0 35 | 23 4 | 0 24 | 18 14 | 0 32 | 2 16 | 0 44 | 14 43 | 1 44 | 22 37 | 12 19 | 13 48 | 13 29 | 15 11 | 14 39 | 1 49 | |
| T 14 | 18 12 | 24 9 | 2 40 | 22 16 | 1 33 | 7 21 | 0 46 | 11 31 | 0 34 | 23 4 | 0 24 | 18 14 | 0 32 | 2 15 | 0 44 | 14 43 | 1 44 | 22 37 | 12 18 | 13 47 | 13 28 | 15 13 | 14 41 | 1 50 | |
| F 15 | 18 28 | 26 34 | 3 33 | 22 38 | 1 38 | 7 16 | 0 34 | 11 45 | 0 34 | 23 4 | 0 24 | 18 13 | 0 32 | 2 14 | 0 44 | 14 44 | 1 44 | 22 37 | 12 18 | 13 46 | 13 27 | 15 16 | 14 43 | 1 50 | |
| S 16 | 18 43 | 27 45 | 4 17 | 23 0 | 1 43 | 7 13 | 0 22 | 11 59 | 0 33 | 23 4 | 0 24 | 18 13 | 0 33 | 2 13 | 0 44 | 14 44 | 1 44 | 22 36 | 12 18 | 13 45 | 13 26 | 15 19 | 14 45 | 1 50 | |
| S 17 | 18 58 | 27 36 | 4 50 | 23 20 | 1 48 | 7 10 | 0 11 | 12 13 | 0 33 | 23 4 | 0 24 | 18 13 | 0 33 | 2 12 | 0 44 | 14 45 | 1 44 | 22 36 | 12 18 | 13 44 | 13 25 | 15 22 | 14 47 | 1 51 | |
| M 18 | 19 12 | 26 3 | 5 10 | 23 39 | 1 52 | 7 9 | 0 0 | 12 27 | 0 32 | 23 4 | 0 24 | 18 13 | 0 33 | 2 11 | 0 44 | 14 46 | 1 44 | 22 36 | 12 17 | 13 44 | 13 24 | 15 25 | 14 49 | 1 51 | |
| T 19 | 19 27 | 23 10 | 5 15 | 23 57 | 1 57 | 7 8 | 0n10 | 12 41 | 0 32 | 23 4 | 0 24 | 18 14 | 0 33 | 2 10 | 0 44 | 14 46 | 1 44 | 22 35 | 12 17 | 13 43 | 13 23 | 15 28 | 14 51 | 1 51 | |
| W 20 | 19 41 | 19 4 | 5 4 | 24 14 | 2 1 | 7 9 | 0 20 | 12 55 | 0 31 | 23 4 | 0 24 | 18 14 | 0 33 | 2 9 | 0 44 | 14 47 | 1 44 | 22 35 | 12 17 | 13 43 | 13 22 | 15 31 | 14 53 | 1 51 | |
| T 21 | 19 54 | 13 55 | 4 37 | 24 30 | 2 5 | 7 10 | 0 30 | 13 9 | 0 31 | 23 4 | 0 24 | 18 14 | 0 33 | 2 8 | 0 45 | 14 48 | 1 44 | 22 35 | 12 17 | 13 43 | 13 21 | 15 34 | 14 55 | 1 52 | |
| F 22 | 20 7 | 7 57 | 3 53 | 24 44 | 2 8 | 7 12 | 0 40 | 13 23 | 0 30 | 23 5 | 0 23 | 18 14 | 0 34 | 2 8 | 0 45 | 14 48 | 1 44 | 22 35 | 12 16 | 13 43 | 13 19 | 15 37 | 14 57 | 1 52 | |
| S 23 | 20 20 | 1 26 | 2 54 | 24 57 | 2 12 | 7 16 | 0 49 | 13 37 | 0 30 | 23 5 | 0 23 | 18 14 | 0 34 | 2 7 | 0 45 | 14 49 | 1 44 | 22 34 | 12 16 | 13 43 | 13 18 | 15 40 | 14 59 | 1 52 | |
| S 24 | 20 32 | 5s21 | 1 43 | 25 8 | 2 14 | 7 20 | 0 58 | 13 50 | 0 29 | 23 5 | 0 23 | 18 14 | 0 34 | 2 6 | 0 45 | 14 49 | 1 44 | 22 34 | 12 16 | 13 44 | 13 17 | 15 43 | 15 1 | 1 53 | |
| M 25 | 20 44 | 12 0 | 0 23 | 25 19 | 2 17 | 7 25 | 1 6 | 14 4 | 0 29 | 23 5 | 0 23 | 18 15 | 0 34 | 2 5 | 0 45 | 14 50 | 1 44 | 22 34 | 12 15 | 13 44 | 13 16 | 15 46 | 15 3 | 1 53 | |
| T 26 | 20 56 | 18 2 | 1s 0 | 25 27 | 2 19 | 7 30 | 1 14 | 14 17 | 0 28 | 23 5 | 0 23 | 18 15 | 0 34 | 2 4 | 0 45 | 14 51 | 1 44 | 22 33 | 12 15 | 13 44 | 13 15 | 15 48 | 15 5 | 1 53 | |
| W 27 | 21 7 | 22 59 | 2 18 | 25 35 | 2 21 | 7 37 | 1 22 | 14 30 | 0 28 | 23 5 | 0 23 | 18 15 | 0 34 | 2 4 | 0 45 | 14 51 | 1 44 | 22 33 | 12 15 | 13 44 | 13 14 | 15 51 | 15 7 | 1 54 | |
| T 28 | 21 18 | 26 20 | 3 27 | 25 41 | 2 22 | 7 44 | 1 30 | 14 43 | 0 27 | 23 5 | 0 23 | 18 16 | 0 35 | 2 3 | 0 45 | 14 52 | 1 44 | 22 32 | 12 15 | 13 42 | 13 13 | 15 54 | 15 9 | 1 54 | |
| F 29 | 21 29 | 27 47 | 4 20 | 25 46 | 2 23 | 7 51 | 1 37 | 14 56 | 0 27 | 23 5 | 0 23 | 18 16 | 0 35 | 2 2 | 0 45 | 14 53 | 1 44 | 22 32 | 12 14 | 13 41 | 13 12 | 15 57 | 15 11 | 1 54 | |
| S 30 | 21s39 | 27s16 | 4s25 | 25s49 | 2s24 | 8s 0 | 1n44 | 15s 9 | 0n26 | 23n 5 | 0s23 | 18n16 | 0n35 | 2n 2 | 0n45 | 14s53 | 1n44 | 22s32 | 12s14 | 13n39 | 13n11 | 16n 0 | 15s13 | 1n53 | |

ASTRODIENST EPHEMERIS for the year 1799

geocentric

DECEMBER 1799

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|---------|----------|--------|--------|--------|-------|---------|--------|--------|--------|-------|-------|-------|--------|--------|------|
| S 1 | 4 39 22 | 8°52'22 | 1°22 | 27°47 | 25°29 | 13°44 | 28°R37 | 10°R10 | 26°M40 | 15°M40 | 1°0 | 6°R17 | 4°53 | 11°58 | 17°M33 | S 1 |
| M 2 | 4 43 19 | 9°53'17 | 14°35 | 29° 9 | 26°12 | 13°44 | 28°II29 | 10°9 | 26°42 | 15°42 | 1° 0 | 6°R13 | 4°50 | 12° 5 | 17°41 | M 2 |
| T 3 | 4 47 15 | 10°54'12 | 27°40 | 0°329 | 26°56 | 14°25 | 28°22 | 10° 8 | 26°43 | 15°44 | 1° 1 | 6°11 | 4°47 | 12°11 | 17°49 | T 3 |
| W 4 | 4 51 12 | 11°55'08 | 10°31 | 1°47 | 27°41 | 15° 6 | 28°14 | 10° 6 | 26°45 | 15°46 | 1° 1 | 6°D10 | 4°44 | 12°18 | 17°56 | W 4 |
| T 5 | 4 55 9 | 12°56'05 | 22°40 | 3° 3 | 28°27 | 15°47 | 28° 7 | 10° 5 | 26°46 | 15°48 | 1° 2 | 6°10 | 4°40 | 12°25 | 18° 4 | T 5 |
| F 6 | 4 59 5 | 13°57'02 | 4°45 | 4°16 | 29°13 | 16°28 | 27°59 | 10° 3 | 26°48 | 15°51 | 1° 2 | 6°12 | 4°37 | 12°31 | 18°12 | F 6 |
| S 7 | 5 3 2 | 14°58'00 | 16°38 | 5°27 | 0°M 1 | 17° 8 | 27°51 | 10° 2 | 26°49 | 15°53 | 1° 3 | 6°13 | 4°34 | 12°38 | 18°20 | S 7 |
| S 8 | 5 6 58 | 15°58'59 | 28°26 | 6°34 | 0°50 | 17°49 | 27°44 | 10° 0 | 26°51 | 15°55 | 1° 3 | 6°15 | 4°31 | 12°45 | 18°27 | S 8 |
| M 9 | 5 10 55 | 16°59'58 | 10°31 | 7°38 | 1°40 | 18°30 | 27°36 | 9°58 | 26°52 | 15°57 | 1° 4 | 6°R15 | 4°28 | 12°51 | 18°35 | M 9 |
| T 10 | 5 14 51 | 18° 0'59 | 22° 1 | 8°37 | 2°30 | 19°11 | 27°28 | 9°56 | 26°53 | 15°59 | 1° 5 | 6°14 | 4°24 | 12°58 | 18°42 | T 10 |
| W11 | 5 18 48 | 19° 1'59 | 3°II55 | 9°31 | 3°21 | 19°52 | 27°20 | 9°54 | 26°55 | 16° 1 | 1° 5 | 6°10 | 4°21 | 13° 4 | 18°50 | W11 |
| T 12 | 5 22 44 | 20° 3'01 | 15°57 | 10°20 | 4°13 | 20°33 | 27°12 | 9°52 | 26°56 | 16° 2 | 1° 6 | 6° 4 | 4°18 | 13°11 | 18°57 | T 12 |
| F 13 | 5 26 41 | 21° 4'03 | 28° 8 | 11° 2 | 5° 6 | 21°14 | 27° 4 | 9°49 | 26°57 | 16° 4 | 1° 7 | 5°57 | 4°15 | 13°18 | 19° 5 | F 13 |
| S 14 | 5 30 38 | 22° 5'06 | 10°30 | 11°37 | 6° 0 | 21°55 | 26°56 | 9°47 | 26°58 | 16° 6 | 1° 8 | 5°48 | 4°12 | 13°24 | 19°12 | S 14 |
| S 15 | 5 34 34 | 23° 6'10 | 23° 2 | 12° 3 | 6°54 | 22°36 | 26°47 | 9°44 | 26°59 | 16° 8 | 1° 8 | 5°39 | 4° 9 | 13°31 | 19°19 | S 15 |
| M16 | 5 38 31 | 24° 7'15 | 5°II46 | 12°21 | 7°49 | 23°17 | 26°39 | 9°42 | 27° 0 | 16°10 | 1° 9 | 5°30 | 4° 5 | 13°38 | 19°27 | M16 |
| T 17 | 5 42 27 | 25° 8'20 | 18°43 | 12°R28 | 8°44 | 23°59 | 26°31 | 9°39 | 27° 1 | 16°12 | 1°10 | 5°23 | 4° 2 | 13°44 | 19°34 | T 17 |
| W18 | 5 46 24 | 26° 9'26 | 1°II52 | 12°25 | 9°40 | 24°40 | 26°23 | 9°36 | 27° 2 | 16°14 | 1°11 | 5°18 | 3°59 | 13°51 | 19°41 | W18 |
| T 19 | 5 50 20 | 27°10'32 | 15°16 | 12°10 | 10°37 | 25°21 | 26°15 | 9°33 | 27° 2 | 16°16 | 1°12 | 5°15 | 3°56 | 13°58 | 19°48 | T 19 |
| F 20 | 5 54 17 | 28°11'40 | 28°55 | 11°44 | 11°34 | 26° 2 | 26° 7 | 9°30 | 27° 3 | 16°17 | 1°12 | 5°D14 | 3°53 | 14° 4 | 19°55 | F 20 |
| S 21 | 5 58 13 | 29°12'48 | 12°50 | 11° 6 | 12°32 | 26°44 | 25°59 | 9°27 | 27° 4 | 16°19 | 1°13 | 5°15 | 3°50 | 14°11 | 20° 2 | S 21 |
| S 22 | 6 2 10 | 0°313'57 | 27° 3 | 10°17 | 13°30 | 27°25 | 25°50 | 9°24 | 27° 4 | 16°21 | 1°14 | 5°16 | 3°46 | 14°18 | 20° 9 | S 22 |
| M23 | 6 6 7 | 1°15'06 | 11°M31 | 9°17 | 14°29 | 28° 6 | 25°42 | 9°21 | 27° 5 | 16°23 | 1°15 | 5°R16 | 3°43 | 14°24 | 20°16 | M23 |
| T 24 | 6 10 3 | 2°16'16 | 26°11 | 8° 8 | 15°28 | 28°48 | 25°34 | 9°18 | 27° 6 | 16°24 | 1°16 | 5°14 | 3°40 | 14°31 | 20°23 | T 24 |
| W25 | 6 14 0 | 3°17'27 | 10°M59 | 6°53 | 16°28 | 29°29 | 25°26 | 9°14 | 27° 6 | 16°26 | 1°17 | 5°10 | 3°37 | 14°38 | 20°30 | W25 |
| T 26 | 6 17 56 | 4°18'38 | 25°47 | 5°33 | 17°28 | 0°M11 | 25°18 | 9°11 | 27° 6 | 16°28 | 1°18 | 5° 3 | 3°34 | 14°44 | 20°37 | T 26 |
| F 27 | 6 21 53 | 5°19'50 | 10°328 | 4°11 | 18°29 | 0°52 | 25°10 | 9° 7 | 27° 7 | 16°29 | 1°19 | 4°54 | 3°30 | 14°51 | 20°43 | F 27 |
| S 28 | 6 25 49 | 6°21'01 | 24°53 | 2°50 | 19°30 | 1°34 | 25° 2 | 9° 3 | 27° 7 | 16°31 | 1°20 | 4°43 | 3°27 | 14°58 | 20°50 | S 28 |
| S 29 | 6 29 46 | 7°22'13 | 8°56 | 1°32 | 20°31 | 2°15 | 24°55 | 9° 0 | 27° 7 | 16°33 | 1°21 | 4°33 | 3°24 | 15° 4 | 20°56 | S 29 |
| M30 | 6 33 43 | 8°23'24 | 2°33 | 0°20 | 21°33 | 2°57 | 24°47 | 8°56 | 27° 7 | 16°34 | 1°22 | 4°23 | 3°21 | 15°11 | 21° 3 | M30 |
| T 31 | 6 37 39 | 9°24'35 | 5°M43 | 29°M16 | 22°M35 | 3°M39 | 24°II39 | 8°II52 | 27°M 8 | 16°M36 | 1°M24 | 4°B16 | 3°B18 | 15°B17 | 21°M 9 | T 31 |

| Day | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|------|------|-------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | lat |
| S 1 | 21s48 | 25s 1 | 5s11 | 25s51 | 2s24 | 8s 9 | 1n50 | 15s22 | 0n26 | 23n 5 | 0s23 | 18n17 | 0n35 | 2n 1 | 0n45 | 14s54 |
| M 2 | 21 58 | 21 24 | 5 9 | 25 51 | 2 23 | 8 19 | 1 57 | 15 35 | 0 25 | 23 5 | 0 22 | 18 17 | 0 35 | 2 0 | 0 45 | 14 54 |
| T 3 | 22 6 | 16 51 | 4 51 | 25 50 | 2 22 | 8 29 | 2 3 | 15 48 | 0 25 | 23 5 | 0 22 | 18 18 | 0 35 | 2 0 | 0 45 | 14 55 |
| W 4 | 22 15 | 11 41 | 4 19 | 25 47 | 2 20 | 8 39 | 2 9 | 16 0 | 0 24 | 23 5 | 0 22 | 18 18 | 0 35 | 1 59 | 0 45 | 14 55 |
| T 5 | 22 23 | 6 13 | 3 36 | 25 43 | 2 17 | 8 51 | 2 14 | 16 12 | 0 24 | 23 5 | 0 22 | 18 19 | 0 36 | 1 58 | 0 45 | 14 56 |
| F 6 | 22 30 | 0 37 | 2 43 | 25 37 | 2 14 | 9 2 | 2 19 | 16 25 | 0 23 | 23 5 | 0 22 | 18 19 | 0 36 | 1 58 | 0 45 | 14 57 |
| S 7 | 22 37 | 4n56 | 1 45 | 25 31 | 2 9 | 9 14 | 2 24 | 16 37 | 0 22 | 23 5 | 0 22 | 18 20 | 0 36 | 1 57 | 0 45 | 14 57 |
| S 8 | 22 44 | 10 16 | 0 42 | 25 22 | 2 4 | 9 27 | 2 29 | 16 49 | 0 22 | 23 5 | 0 22 | 18 21 | 0 36 | 1 57 | 0 45 | 14 58 |
| M 9 | 22 50 | 15 14 | 0n22 | 25 13 | 1 58 | 9 40 | 2 33 | 17 1 | 0 21 | 23 5 | 0 22 | 18 21 | 0 36 | 1 56 | 0 45 | 14 58 |
| T 10 | 22 56 | 19 39 | 1 25 | 25 2 | 1 51 | 9 53 | 2 38 | 17 12 | 0 21 | 23 5 | 0 21 | 18 22 | 0 36 | 1 56 | 0 45 | 14 59 |
| W11 | 23 1 | 23 19 | 2 24 | 24 50 | 1 43 | 10 7 | 2 42 | 17 24 | 0 20 | 23 5 | 0 21 | 18 23 | 0 37 | 1 55 | 0 45 | 14 59 |
| T 12 | 23 6 | 26 1 | 3 18 | 24 37 | 1 34 | 10 21 | 2 45 | 17 36 | 0 20 | 23 5 | 0 21 | 18 23 | 0 37 | 1 55 | 0 45 | 15 0 |
| F 13 | 23 10 | 27 31 | 4 4 | 24 24 | 1 23 | 10 35 | 2 49 | 17 47 | 0 19 | 23 5 | 0 21 | 18 24 | 0 37 | 1 55 | 0 45 | 15 0 |
| S 14 | 23 14 | 27 40 | 4 38 | 24 9 | 1 12 | 10 50 | 2 52 | 17 58 | 0 18 | 23 5 | 0 21 | 18 25 | 0 37 | 1 54 | 0 45 | 15 1 |
| S 15 | 23 17 | 26 25 | 5 0 | 23 54 | 0 59 | 11 4 | 2 55 | 18 9 | 0 18 | 23 5 | 0 21 | 18 26 | 0 37 | 1 54 | 0 45 | 15 1 |
| M16 | 23 20 | 23 48 | 5 7 | 23 38 | 0 45 | 11 19 | 2 58 | 18 20 | 0 17 | 23 5 | 0 21 | 18 27 | 0 37 | 1 53 | 0 45 | 15 2 |
| T 17 | 23 23 | 19 58 | 4 59 | 23 22 | 0 29 | 11 35 | 3 0 | 18 31 | 0 17 | 23 5 | 0 20 | 18 27 | 0 38 | 1 53 | 0 46 | 15 2 |
| W18 | 23 25 | 15 6 | 4 35 | 23 5 | 0 12 | 11 50 | 3 3 | 18 42 | 0 16 | 23 5 | 0 20 | 18 28 | 0 38 | 1 53 | 0 46 | 15 3 |
| T 19 | 23 26 | 9 26 | 3 56 | 22 49 | 0n 6 | 12 6 | 3 5 | 18 52 | 0 16 | 23 5 | 0 20 | 18 29 | 0 38 | 1 53 | 0 46 | 15 3 |
| F 20 | 23 27 | 3 13 | 3 3 | 22 33 | 0 24 | 12 21 | 3 7 | 19 3 | 0 15 | 23 5 | 0 20 | 18 30 | 0 38 | 1 52 | 0 46 | 15 4 |
| S 21 | 23 28 | 3s16 | 1 58 | 22 16 | 0 44 | 12 37 | 3 9 | 19 13 | 0 14 | 23 4 | 0 20 | 18 31 | 0 38 | 1 52 | 0 46 | 15 4 |
| S 22 | 23 28 | 9 45 | 0 44 | 22 1 | 1 4 | 12 53 | 3 10 | 19 23 | 0 14 | 23 4 | 0 20 | 18 32 | 0 38 | 1 52 | 0 46 | 15 5 |
| M23 | 23 28 | 15 50 | 0s33 | 21 45 | 1 23 | 13 9 | 3 12 | 19 33 | 0 13 | 23 4 | 0 20 | 18 33 | 0 38 | 1 52 | 0 46 | 15 5 |
| T 24 | 23 27 | 21 6 | 1 50 | 21 30 | 1 43 | 13 25 | 3 13 | 19 43 | 0 12 | 23 4 | 0 19 | 18 34 | 0 39 | 1 51 | 0 46 | 15 6 |
| W25 | 23 26 | 25 4 | 2 59 | 21 16 | 2 1 | 13 41 | 3 14 | 19 52 | 0 12 | 23 4 | 0 19 | 18 35 | 0 39 | 1 51 | 0 46 | 15 6 |
| T 26 | 23 24 | 27 20 | 3 56 | 21 3 | 2 18 | 13 57 | 3 15 | 20 2 | 0 11 | 23 4 | 0 19 | 18 36 | 0 39 | 1 51 | 0 46 | 15 7 |
| F 27 | 23 22 | 27 39 | 4 37 | 20 51 | 2 33 | 14 13 | 3 15 | 20 11 | 0 11 | 23 4 | 0 19 | 18 37 | 0 39 | 1 51 | 0 46 | 15 7 |
| S 28 | 23 19 | 26 5 | 4 59 | 20 40 | 2 46 | 14 29 | 3 16 | 20 20 | 0 10 | 23 4 | 0 19 | 18 39 | 0 39 | 1 51 | 0 46 | 15 7 |
| S 29 | 23 16 | 22 55 | 5 3 | 20 31 | 2 57 | 14 45 | 3 16 | 20 29 | 0 9 | 23 3 | 0 19 | 18 40 | 0 39 | 1 51 | 0 46 | 15 8 |
| M30 | 23 12 | 18 34 | 4 49 | 20 23 | 3 5 | 15 1 | 3 16 | 20 38 | 0 9 | 23 3 | 0 19 | 18 41 | 0 39 | 1 51 | 0 46 | 15 8 |
| T 31 | 23s 8 | 13s27 | 4s20 | 20s18 | 3n10 | 15s16 | 3n16 | 20s46 | 0n 8 | 23n 3 | 0s18 | 18n42 | 0n40 | 1n51 | 0n46 | 15s 9 |

Julian Day Number = 2378465.5, Delta T = 18.64 sec

Ecliptic obliquity = 23°28'02, Nutation = - 0°00'10, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 21°56'48, Lahiri = 21°03'48Greg. Calendar