



Astrodienst Ephemeris Tables for the year 1797

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 1797

geocentric

JANUARY 1797

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|---------|-----------|--------|--------|--------|--------|--------|---------|--------|--------|--------|-------|---------|--------|-------|------|
| S 1 | 6 44 27 | 11°31'00" | 10°50' | 14°37' | 5°21' | 18°14' | 9°31' | 23°R 5 | 12°R41 | 10°M16 | 27°27' | 1°R48 | 1°14' | 13°25' | 3°47' | S 1 |
| M 2 | 6 48 24 | 12°11'11" | 22°46' | 16°16' | 6°34' | 18°58' | 9°41' | 23°II 1 | 12°M40 | 10°18' | 27°28' | 1°10' | 1°10' | 13°31' | 3°49' | M 2 |
| T 3 | 6 52 20 | 13°12'22" | 4°50' | 17°54' | 7°48' | 19°41' | 9°52' | 22°56' | 12°39' | 10°19' | 27°29' | 1°44' | 1°7' | 13°38' | 3°51' | T 3 |
| W 4 | 6 56 17 | 14°13'32" | 17°6' | 19°33' | 9°1' | 20°25' | 10°3' | 22°52' | 12°38' | 10°20' | 27°30' | 1°43' | 1°4' | 13°45' | 3°53' | W 4 |
| T 5 | 7 0 13 | 15°14'42" | 29°36' | 21°12' | 10°15' | 21°8' | 10°14' | 22°47' | 12°37' | 10°21' | 27°32' | 1°42' | 1°1' | 13°51' | 3°54' | T 5 |
| F 6 | 7 4 10 | 16°15'52" | 12°Y24 | 22°52' | 11°28' | 21°52' | 10°26' | 22°43' | 12°36' | 10°23' | 27°33' | 1°D41 | 0°58' | 13°58' | 3°55' | F 6 |
| S 7 | 7 8 6 | 17°17'01" | 25°34' | 24°32' | 12°42' | 22°35' | 10°37' | 22°39' | 12°35' | 10°24' | 27°34' | 1°41' | 0°54' | 14°5' | 3°57' | S 7 |
| S 8 | 7 12 3 | 18°18'09" | 9°8' | 26°12' | 13°56' | 23°19' | 10°48' | 22°34' | 12°34' | 10°25' | 27°36' | 1°42' | 0°51' | 14°11' | 3°58' | S 8 |
| M 9 | 7 16 0 | 19°19'17" | 23°8' | 27°53' | 15°9' | 24°2' | 11°0' | 22°30' | 12°33' | 10°26' | 27°37' | 1°43' | 0°48' | 14°18' | 3°59' | M 9 |
| T 10 | 7 19 56 | 20°20'25" | 7°II34 | 29°33' | 16°23' | 24°45' | 11°12' | 22°26' | 12°31' | 10°27' | 27°39' | 1°45' | 0°45' | 14°25' | 4°0' | T 10 |
| W11 | 7 23 53 | 21°21'31" | 22°22' | 1°14' | 17°37' | 25°29' | 11°23' | 22°22' | 12°30' | 10°28' | 27°40' | 1°46' | 0°42' | 14°31' | 4°1' | W11 |
| T 12 | 7 27 49 | 22°22'37" | 7°28' | 2°55' | 18°50' | 26°12' | 11°35' | 22°18' | 12°29' | 10°29' | 27°41' | 1°R46 | 0°39' | 14°38' | 4°1' | T 12 |
| F 13 | 7 31 46 | 23°23'43" | 22°43' | 4°35' | 20°4' | 26°56' | 11°47' | 22°14' | 12°27' | 10°30' | 27°43' | 1°45' | 0°35' | 14°44' | 4°2' | F 13 |
| S 14 | 7 35 42 | 24°24'48" | 7°256 | 6°16' | 21°18' | 27°39' | 11°59' | 22°10' | 12°26' | 10°31' | 27°44' | 1°43' | 0°32' | 14°51' | 4°2' | S 14 |
| S 15 | 7 39 39 | 25°25'52" | 22°58' | 7°56' | 22°32' | 28°22' | 12°11' | 22°7' | 12°25' | 10°32' | 27°46' | 1°39' | 0°29' | 14°58' | 4°3' | S 15 |
| M16 | 7 43 35 | 26°26'56" | 7°M41 | 9°36' | 23°46' | 29°6' | 12°23' | 22°3' | 12°23' | 10°33' | 27°47' | 1°36' | 0°26' | 15°4' | 4°3' | M16 |
| T 17 | 7 47 32 | 27°28'00" | 21°58' | 11°15' | 25°0' | 29°49' | 12°35' | 22°0' | 12°21' | 10°33' | 27°49' | 1°32' | 0°23' | 15°11' | 4°R 3 | T 17 |
| W18 | 7 51 29 | 28°29'03" | 5°246 | 12°54' | 26°14' | 0°Y32 | 12°48' | 21°56' | 12°20' | 10°34' | 27°50' | 1°30' | 0°20' | 15°18' | 4°3' | W18 |
| T 19 | 7 55 25 | 29°30'06" | 19°6' | 14°31' | 27°28' | 1°15' | 13°0' | 21°53' | 12°18' | 10°35' | 27°52' | 1°28' | 0°16' | 15°24' | 4°3' | T 19 |
| F 20 | 7 59 22 | 0°31'08" | 1°M59 | 16°6' | 28°42' | 1°59' | 13°13' | 21°49' | 12°16' | 10°36' | 27°53' | 1°D27 | 0°13' | 15°31' | 4°2' | F 20 |
| S 21 | 8 3 18 | 1°32'10" | 14°30' | 17°40' | 29°56' | 2°42' | 13°25' | 21°46' | 12°15' | 10°36' | 27°55' | 1°28' | 0°10' | 15°38' | 4°2' | S 21 |
| S 22 | 8 7 15 | 2°33'11" | 26°43' | 19°11' | 1°310 | 3°25' | 13°38' | 21°43' | 12°13' | 10°37' | 27°56' | 1°30' | 0°7' | 15°44' | 4°1' | S 22 |
| M23 | 8 11 11 | 3°34'12" | 8°243 | 20°40' | 2°24' | 4°8' | 13°51' | 21°40' | 12°11' | 10°38' | 27°58' | 1°31' | 0°4' | 15°51' | 4°1' | M23 |
| T 24 | 8 15 8 | 4°35'12" | 20°35' | 22°5' | 3°38' | 4°52' | 14°3' | 21°37' | 12°9' | 10°38' | 27°59' | 1°33' | 0°0' | 15°58' | 4°0' | T 24 |
| W25 | 8 19 4 | 5°36'11" | 2°322 | 23°27' | 4°52' | 5°35' | 14°16' | 21°34' | 12°7' | 10°39' | 28°1' | 1°R34 | 29°II57 | 16°4' | 3°59' | W25 |
| T 26 | 8 23 1 | 6°37'10" | 14°8' | 24°43' | 6°6' | 6°18' | 14°29' | 21°31' | 12°5' | 10°39' | 28°3' | 1°33' | 29°54' | 16°11' | 3°58' | T 26 |
| F 27 | 8 26 58 | 7°38'07" | 25°57' | 25°55' | 7°20' | 7°1' | 14°42' | 21°29' | 12°3' | 10°40' | 28°4' | 1°30' | 29°51' | 16°18' | 3°57' | F 27 |
| S 28 | 8 30 54 | 8°39'04" | 7°449 | 27°0' | 8°34' | 7°44' | 14°55' | 21°26' | 12°1' | 10°40' | 28°6' | 1°25' | 29°48' | 16°24' | 3°56' | S 28 |
| S 29 | 8 34 51 | 9°40'00" | 19°48' | 27°59' | 9°48' | 8°27' | 15°8' | 21°24' | 11°59' | 10°41' | 28°8' | 1°19' | 29°45' | 16°31' | 3°54' | S 29 |
| M30 | 8 38 47 | 10°40'54" | 1°54 | 28°49' | 11°3' | 9°10' | 15°22' | 21°21' | 11°57' | 10°41' | 28°9' | 1°12' | 29°41' | 16°38' | 3°53' | M30 |
| T 31 | 8 42 44 | 11°41'48" | 14°10' | 29°32' | 12°317 | 9°Y53 | 15°35' | 21°II19 | 11°M55 | 10°M42 | 28°11' | 1°14' | 29°II38 | 16°344 | 3°51' | T 31 |

| Day | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|-------|-------|------|-------|------|-------|------|------|------|------|------|-------|------|------|------|-------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | lat |
| S 1 | 23s 0 | 20s45 | 3s20 | 24s39 | 2s 0 | 19s29 | 1n46 | 5s14 | 0s37 | 9s 4 | 1s 8 | 22n 1 | 1s16 | 7n32 | 0n48 | 13s15 |
| M 2 | 22 54 | 17 49 | 4 7 | 24 30 | 2 2 | 19 44 | 1 44 | 4 56 | 0 36 | 9 0 | 1 8 | 22 1 | 1 16 | 7 33 | 0 48 | 13 15 |
| T 3 | 22 49 | 14 8 | 4 43 | 24 19 | 2 4 | 19 58 | 1 42 | 4 38 | 0 35 | 8 56 | 1 8 | 22 1 | 1 15 | 7 33 | 0 48 | 13 15 |
| W 4 | 22 42 | 9 48 | 5 7 | 24 6 | 2 5 | 20 11 | 1 39 | 4 19 | 0 34 | 8 51 | 1 8 | 22 1 | 1 15 | 7 34 | 0 48 | 13 16 |
| T 5 | 22 36 | 5 0 | 5 17 | 23 52 | 2 6 | 20 24 | 1 37 | 4 1 | 0 33 | 8 47 | 1 8 | 22 1 | 1 15 | 7 34 | 0 48 | 13 16 |
| F 6 | 22 28 | 0n 7 | 5 11 | 23 37 | 2 7 | 20 37 | 1 35 | 3 43 | 0 32 | 8 43 | 1 8 | 22 1 | 1 15 | 7 34 | 0 48 | 13 16 |
| S 7 | 22 21 | 5 23 | 4 50 | 23 19 | 2 7 | 20 49 | 1 32 | 3 25 | 0 30 | 8 38 | 1 8 | 22 1 | 1 15 | 7 35 | 0 48 | 13 17 |
| S 8 | 22 13 | 10 34 | 4 12 | 23 0 | 2 7 | 21 0 | 1 30 | 3 7 | 0 29 | 8 34 | 1 8 | 22 1 | 1 15 | 7 35 | 0 48 | 13 17 |
| M 9 | 22 4 | 15 23 | 3 18 | 22 40 | 2 6 | 21 11 | 1 28 | 2 48 | 0 28 | 8 29 | 1 7 | 22 1 | 1 15 | 7 36 | 0 48 | 13 17 |
| T 10 | 21 55 | 19 28 | 2 10 | 22 18 | 2 5 | 21 21 | 1 25 | 2 30 | 0 27 | 8 25 | 1 7 | 22 1 | 1 14 | 7 36 | 0 48 | 13 17 |
| W11 | 21 46 | 22 23 | 0 52 | 21 54 | 2 3 | 21 31 | 1 23 | 2 12 | 0 26 | 8 20 | 1 7 | 22 1 | 1 14 | 7 37 | 0 48 | 13 18 |
| T 12 | 21 36 | 23 47 | 0n32 | 21 29 | 2 1 | 21 40 | 1 20 | 1 53 | 0 25 | 8 16 | 1 7 | 22 1 | 1 14 | 7 37 | 0 48 | 13 18 |
| F 13 | 21 26 | 23 25 | 1 53 | 21 2 | 1 58 | 21 48 | 1 17 | 1 35 | 0 24 | 8 11 | 1 7 | 22 1 | 1 14 | 7 38 | 0 48 | 13 18 |
| S 14 | 21 16 | 21 18 | 3 7 | 20 34 | 1 54 | 21 56 | 1 15 | 1 17 | 0 23 | 8 6 | 1 7 | 22 1 | 1 14 | 7 39 | 0 48 | 13 18 |
| S 15 | 21 5 | 17 45 | 4 6 | 20 5 | 1 50 | 22 3 | 1 12 | 0 59 | 0 22 | 8 2 | 1 7 | 22 0 | 1 13 | 7 39 | 0 48 | 13 19 |
| M16 | 20 53 | 13 9 | 4 48 | 19 33 | 1 45 | 22 10 | 1 9 | 0 41 | 0 21 | 7 57 | 1 7 | 22 0 | 1 13 | 7 40 | 0 48 | 13 19 |
| T 17 | 20 41 | 7 56 | 5 10 | 19 1 | 1 40 | 22 16 | 1 7 | 0 22 | 0 19 | 7 52 | 1 7 | 22 0 | 1 13 | 7 40 | 0 48 | 13 19 |
| W18 | 20 29 | 2 30 | 5 14 | 18 27 | 1 34 | 22 21 | 1 4 | 0 4 | 0 18 | 7 47 | 1 6 | 22 0 | 1 13 | 7 41 | 0 48 | 13 19 |
| T 19 | 20 17 | 2s51 | 5 0 | 17 53 | 1 27 | 22 25 | 1 1 | 0n14 | 0 17 | 7 42 | 1 6 | 22 0 | 1 13 | 7 42 | 0 48 | 13 19 |
| F 20 | 20 4 | 7 56 | 4 31 | 17 17 | 1 19 | 22 29 | 0 58 | 0 32 | 0 16 | 7 37 | 1 6 | 22 0 | 1 13 | 7 42 | 0 48 | 13 20 |
| S 21 | 19 50 | 12 32 | 3 50 | 16 40 | 1 10 | 22 32 | 0 55 | 0 50 | 0 15 | 7 32 | 1 6 | 22 0 | 1 12 | 7 43 | 0 48 | 13 20 |
| S 22 | 19 37 | 16 32 | 3 0 | 16 3 | 1 1 | 22 35 | 0 53 | 1 9 | 0 14 | 7 28 | 1 6 | 22 0 | 1 12 | 7 44 | 0 48 | 13 20 |
| M23 | 19 23 | 19 46 | 2 2 | 15 25 | 0 51 | 22 37 | 0 50 | 1 27 | 0 13 | 7 23 | 1 6 | 22 0 | 1 12 | 7 45 | 0 48 | 13 20 |
| T 24 | 19 8 | 22 8 | 1 0 | 14 47 | 0 39 | 22 38 | 0 47 | 1 45 | 0 12 | 7 18 | 1 6 | 22 0 | 1 12 | 7 45 | 0 48 | 13 20 |
| W25 | 18 53 | 23 31 | 0s 4 | 14 9 | 0 27 | 22 39 | 0 44 | 2 3 | 0 11 | 7 12 | 1 6 | 22 0 | 1 12 | 7 46 | 0 48 | 13 20 |
| T 26 | 18 38 | 23 51 | 1 8 | 13 31 | 0 15 | 22 39 | 0 41 | 2 21 | 0 10 | 7 7 | 1 6 | 22 0 | 1 11 | 7 47 | 0 48 | 13 20 |
| F 27 | 18 23 | 23 6 | 2 9 | 12 55 | 0 1 | 22 38 | 0 38 | 2 39 | 0 9 | 7 2 | 1 6 | 22 0 | 1 11 | 7 48 | 0 48 | 13 21 |
| S 28 | 18 7 | 21 18 | 3 5 | 12 19 | 0n14 | 22 36 | 0 35 | 2 57 | 0 8 | 6 57 | 1 6 | 22 0 | 1 11 | 7 48 | 0 49 | 13 21 |
| S 29 | 17 51 | 18 34 | 3 53 | 11 44 | 0 29 | 22 34 | 0 32 | 3 14 | 0 7 | 6 52 | 1 5 | 22 1 | 1 11 | 7 49 | 0 49 | 13 21 |
| M30 | 17 35 | 15 1 | 4 30 | 11 12 | 0 44 | 22 31 | 0 29 | 3 32 | 0 6 | 6 47 | 1 5 | 22 1 | 1 11 | 7 50 | 0 49 | 13 21 |
| T 31 | 17s18 | 10s47 | 4s56 | 10s42 | 1n 1 | 22s28 | 0n26 | 3n50 | 0s 6 | 6s42 | 1s 5 | 22n 1 | 1s10 | 7n51 | 0n49 | 13s21 |

Julian Day Number = 2377401.5, Delta T = 19.80 sec
 Ecliptic obliquity = 23°27'56", Nutation = - 0°00'16", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°54'21", Lahiri = 21°01'22"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1797
geocentric

FEBRUARY 1797

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|------|
| W 1 | 8 46 40 | 12 ⁴² 40 | 26 ³⁶ 36 | 0 ⁵ 5 | 13 ³¹ 31 | 10 ³⁶ 36 | 15 ⁴⁸ 48 | 21 ¹⁷ 17 | 11 ⁵³ 53 | 10 ⁴² 42 | 28 ¹² 12 | 0 ⁵⁶ 56 | 29 ³⁵ 35 | 16 ⁵¹ 51 | 3 ⁵⁰ 50 | W 1 |
| T 2 | 8 50 37 | 13 ⁴³ 30 | 9 ¹⁴ 14 | 0 ²⁸ 28 | 14 ⁴⁵ 45 | 11 ¹⁹ 19 | 16 ² 2 | 21 ¹⁵ 15 | 11 ⁵¹ 51 | 10 ⁴² 42 | 28 ¹⁴ 14 | 0 ⁵⁰ 50 | 29 ³² 32 | 16 ⁵⁷ 57 | 3 ⁴⁸ 48 | T 2 |
| F 3 | 8 54 33 | 14 ⁴⁴ 19 | 22 ⁵ 5 | 0 ⁴⁰ 40 | 15 ⁵⁹ 59 | 12 ² 2 | 16 ¹⁵ 15 | 21 ¹³ 13 | 11 ⁴⁸ 48 | 10 ⁴² 42 | 28 ¹⁶ 16 | 0 ⁴⁵ 45 | 29 ²⁹ 29 | 17 ⁴ 4 | 3 ⁴⁶ 46 | F 3 |
| S 4 | 8 58 30 | 15 ⁴⁵ 07 | 5 ¹³ 13 | 0 ⁴² 42 | 17 ¹⁴ 14 | 12 ⁴⁵ 45 | 16 ²⁹ 29 | 21 ¹¹ 11 | 11 ⁴⁶ 46 | 10 ⁴³ 43 | 28 ¹⁷ 17 | 0 ⁴³ 43 | 29 ²⁶ 26 | 17 ¹¹ 11 | 3 ⁴⁴ 44 | S 4 |
| S 5 | 9 2 27 | 16 ⁴⁵ 53 | 18 ⁴⁰ 40 | 0 ³³ 33 | 18 ²⁸ 28 | 13 ²⁸ 28 | 16 ⁴² 42 | 21 ⁹ 9 | 11 ⁴⁴ 44 | 10 ⁴³ 43 | 28 ¹⁹ 19 | 0 ⁴² 42 | 29 ²² 22 | 17 ¹⁷ 17 | 3 ⁴² 42 | S 5 |
| M 6 | 9 6 23 | 17 ⁴⁶ 38 | 2 ¹¹ 26 | 0 ¹³ 13 | 19 ⁴² 42 | 14 ¹¹ 11 | 16 ⁵⁶ 56 | 21 ⁸ 8 | 11 ⁴² 42 | 10 ⁴³ 43 | 28 ²¹ 21 | 0 ⁴³ 43 | 29 ¹⁹ 19 | 17 ²⁴ 24 | 3 ⁴⁰ 40 | M 6 |
| T 7 | 9 10 20 | 18 ⁴⁷ 21 | 16 ³⁴ 34 | 29 ⁴³ 43 | 20 ⁵⁶ 56 | 14 ⁵⁴ 54 | 17 ⁹ 9 | 21 ⁶ 6 | 11 ³⁹ 39 | 10 ⁴³ 43 | 28 ²² 22 | 0 ⁴⁴ 44 | 29 ¹⁶ 16 | 17 ³¹ 31 | 3 ³⁷ 37 | T 7 |
| W 8 | 9 14 16 | 19 ⁴⁸ 02 | 1 ²⁸ 2 | 29 ³ 3 | 22 ¹¹ 11 | 15 ³⁶ 36 | 17 ²³ 23 | 21 ⁵ 5 | 11 ³⁷ 37 | 10 ⁴³ 43 | 28 ²⁴ 24 | 0 ⁴⁵ 45 | 29 ¹³ 13 | 17 ³⁷ 37 | 3 ³⁵ 35 | W 8 |
| T 9 | 9 18 13 | 20 ⁴⁸ 42 | 15 ⁴⁹ 49 | 28 ¹⁴ 14 | 23 ²⁵ 25 | 16 ¹⁹ 19 | 17 ³⁷ 37 | 21 ³ 3 | 11 ³⁵ 35 | 10 ⁴³ 43 | 28 ²⁶ 26 | 0 ⁴⁴ 44 | 29 ¹⁰ 10 | 17 ⁴⁴ 44 | 3 ³² 32 | T 9 |
| F 10 | 9 22 9 | 21 ⁴⁹ 20 | 0 ⁴⁸ 48 | 27 ¹⁸ 18 | 24 ³⁹ 39 | 17 ² 2 | 17 ⁵¹ 51 | 21 ² 2 | 11 ³² 32 | 10 ⁴³ 43 | 28 ²⁷ 27 | 0 ⁴¹ 41 | 29 ⁶ 6 | 17 ⁵¹ 51 | 3 ³⁰ 30 | F 10 |
| S 11 | 9 26 6 | 22 ⁴⁹ 57 | 15 ⁵² 52 | 26 ¹⁶ 16 | 25 ⁵³ 53 | 17 ⁴⁵ 45 | 18 ⁴ 4 | 21 ¹ 1 | 11 ³⁰ 30 | 10 ⁴³ 43 | 28 ²⁹ 29 | 0 ³⁵ 35 | 29 ³ 3 | 17 ⁵⁷ 57 | 3 ²⁷ 27 | S 11 |
| S 12 | 9 30 2 | 23 ⁵⁰ 32 | 0 ⁵¹ 51 | 25 ¹⁰ 10 | 27 ⁸ 8 | 18 ²⁷ 27 | 18 ¹⁸ 18 | 21 ⁰ 0 | 11 ²⁷ 27 | 10 ⁴³ 43 | 28 ³¹ 31 | 0 ²⁸ 28 | 29 ⁰ 0 | 18 ⁴ 4 | 3 ²⁴ 24 | S 12 |
| M13 | 9 33 59 | 24 ⁵¹ 05 | 15 ³⁶ 36 | 24 ² 2 | 28 ²² 22 | 19 ¹⁰ 10 | 18 ³² 32 | 20 ⁵⁹ 59 | 11 ²⁵ 25 | 10 ⁴³ 43 | 28 ³³ 33 | 0 ¹⁹ 19 | 28 ⁵⁷ 57 | 18 ¹¹ 11 | 3 ²¹ 21 | M13 |
| T 14 | 9 37 56 | 25 ⁵¹ 37 | 29 ⁵⁹ 59 | 22 ⁵⁴ 54 | 29 ³⁶ 36 | 19 ⁵³ 53 | 18 ⁴⁶ 46 | 20 ⁵⁸ 58 | 11 ²² 22 | 10 ⁴³ 43 | 28 ³⁴ 34 | 0 ¹⁰ 10 | 28 ⁵⁴ 54 | 18 ¹⁷ 17 | 3 ¹⁸ 18 | T 14 |
| W15 | 9 41 52 | 26 ⁵² 08 | 13 ⁵⁶ 56 | 21 ⁴⁶ 46 | 0 ⁵⁰ 50 | 20 ³⁵ 35 | 19 ⁰ 0 | 20 ⁵⁸ 58 | 11 ²⁰ 20 | 10 ⁴³ 43 | 28 ³⁶ 36 | 0 ² 2 | 28 ⁵¹ 51 | 18 ²⁴ 24 | 3 ¹⁵ 15 | W15 |
| T 16 | 9 45 49 | 27 ⁵² 37 | 27 ²⁴ 24 | 20 ⁴² 42 | 2 ⁵ 5 | 21 ¹⁸ 18 | 19 ¹⁴ 14 | 20 ⁵⁷ 57 | 11 ¹⁷ 17 | 10 ⁴³ 43 | 28 ³⁸ 38 | 29 ⁵⁵ 55 | 28 ⁴⁷ 47 | 18 ³¹ 31 | 3 ¹² 12 | T 16 |
| F 17 | 9 49 45 | 28 ⁵³ 05 | 10 ²⁴ 24 | 19 ⁴² 42 | 3 ¹⁹ 19 | 22 ⁰ 0 | 19 ²⁸ 28 | 20 ⁵⁷ 57 | 11 ¹⁵ 15 | 10 ⁴² 42 | 28 ³⁹ 39 | 29 ⁵¹ 51 | 28 ⁴⁴ 44 | 18 ³⁷ 37 | 3 ⁸ 8 | F 17 |
| S 18 | 9 53 42 | 29 ⁵³ 32 | 23 ⁰ 0 | 18 ⁴⁷ 47 | 4 ³³ 33 | 22 ⁴³ 43 | 19 ⁴² 42 | 20 ⁵⁷ 57 | 11 ¹² 12 | 10 ⁴² 42 | 28 ⁴¹ 41 | 29 ⁴⁹ 49 | 28 ⁴¹ 41 | 18 ⁴⁴ 44 | 3 ⁵ 5 | S 18 |
| S 19 | 9 57 38 | 0 ⁵³ 57 | 5 ¹⁵ 15 | 17 ⁵⁸ 58 | 5 ⁴⁸ 48 | 23 ²⁵ 25 | 19 ⁵⁶ 56 | 20 ⁵⁶ 56 | 11 ¹⁰ 10 | 10 ⁴² 42 | 28 ⁴³ 43 | 29 ⁴⁹ 49 | 28 ³⁸ 38 | 18 ⁵¹ 51 | 3 ² 2 | S 19 |
| M20 | 10 1 35 | 1 ⁵⁴ 22 | 17 ¹⁵ 15 | 17 ¹⁶ 16 | 7 ² 2 | 24 ⁸ 8 | 20 ¹¹ 11 | 20 ⁵⁶ 56 | 11 ⁷ 7 | 10 ⁴² 42 | 28 ⁴⁴ 44 | 29 ⁵⁰ 50 | 28 ³⁵ 35 | 18 ⁵⁷ 57 | 2 ⁵⁸ 58 | M20 |
| T 21 | 10 5 31 | 2 ⁵⁴ 44 | 29 ⁵ 5 | 16 ⁴¹ 41 | 8 ¹⁶ 16 | 24 ⁵⁰ 50 | 20 ²⁵ 25 | 20 ⁵⁶ 56 | 11 ⁴ 4 | 10 ⁴¹ 41 | 28 ⁴⁶ 46 | 29 ⁵⁰ 50 | 28 ³² 32 | 19 ⁴ 4 | 2 ⁵⁴ 54 | T 21 |
| W22 | 10 9 28 | 3 ⁵⁵ 05 | 10 ⁵² 52 | 16 ¹⁴ 14 | 9 ³¹ 31 | 25 ³² 32 | 20 ³⁹ 39 | 20 ⁵⁶ 56 | 11 ² 2 | 10 ⁴¹ 41 | 28 ⁴⁸ 48 | 29 ⁵⁰ 50 | 28 ²⁸ 28 | 19 ¹¹ 11 | 2 ⁵¹ 51 | W22 |
| T 23 | 10 13 25 | 4 ⁵⁵ 25 | 22 ³⁸ 38 | 15 ⁵⁴ 54 | 10 ⁴⁵ 45 | 26 ¹⁵ 15 | 20 ⁵³ 53 | 20 ⁵⁷ 57 | 10 ⁵⁹ 59 | 10 ⁴⁰ 40 | 28 ⁴⁹ 49 | 29 ⁴⁷ 47 | 28 ²⁵ 25 | 19 ¹⁷ 17 | 2 ⁴⁷ 47 | T 23 |
| F 24 | 10 17 21 | 5 ⁵⁵ 43 | 4 ³⁰ 30 | 15 ⁴¹ 41 | 11 ⁵⁹ 59 | 26 ⁵⁷ 57 | 21 ⁸ 8 | 20 ⁵⁷ 57 | 10 ⁵⁷ 57 | 10 ⁴⁰ 40 | 28 ⁵¹ 51 | 29 ⁴² 42 | 28 ²² 22 | 19 ²⁴ 24 | 2 ⁴³ 43 | F 24 |
| S 25 | 10 21 18 | 6 ⁵⁶ 00 | 16 ²⁸ 28 | 15 ³⁴ 34 | 13 ¹⁴ 14 | 27 ³⁹ 39 | 21 ²² 22 | 20 ⁵⁸ 58 | 10 ⁵⁴ 54 | 10 ⁴⁰ 40 | 28 ⁵³ 53 | 29 ³⁴ 34 | 28 ¹⁹ 19 | 19 ³¹ 31 | 2 ³⁹ 39 | S 25 |
| S 26 | 10 25 14 | 7 ⁵⁶ 15 | 28 ³⁷ 37 | 15 ³⁶ 36 | 14 ²⁸ 28 | 28 ²¹ 21 | 21 ³⁶ 36 | 20 ⁵⁸ 58 | 10 ⁵¹ 51 | 10 ³⁹ 39 | 28 ⁵⁵ 55 | 29 ²³ 23 | 28 ¹⁶ 16 | 19 ³⁷ 37 | 2 ³⁵ 35 | S 26 |
| M27 | 10 29 11 | 8 ⁵⁶ 28 | 10 ⁵⁷ 57 | 15 ⁴³ 43 | 15 ⁴² 42 | 29 ⁴ 4 | 21 ⁵¹ 51 | 20 ⁵⁹ 59 | 10 ⁴⁹ 49 | 10 ³⁸ 38 | 28 ⁵⁶ 56 | 29 ¹¹ 11 | 28 ¹² 12 | 19 ⁴⁴ 44 | 2 ³¹ 31 | M27 |
| T 28 | 10 33 7 | 9 ⁵⁶ 39 | 23 ²⁹ 29 | 15 ⁵⁶ 56 | 16 ⁵⁷ 57 | 29 ⁴⁶ 46 | 22 ⁵ 5 | 21 ¹¹ 11 | 10 ⁴⁶ 46 | 10 ³⁸ 38 | 28 ⁵⁸ 58 | 28 ¹¹ 11 | 28 ¹² 12 | 19 ⁵⁰ 50 | 2 ²⁷ 27 | 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 |
| W 1 | 17s 1 | 6s 4 | 5s 8 | 10s15 | 1n18 | 22s23 | 0n23 | 4n 8 | 0s 5 | 6s36 | 1s 5 | 22n 1 | 1s10 | 7n52 | 0n49 | 13s21 | 1n47 | 22s34 | 11s11 | 23n28 | 23n28 | 23s55 | 4s56 | 3s44 | | | |
| T 2 | 16 43 | 1 2 | 5 6 | 9 51 | 1 35 | 22 19 | 0 21 | 4 26 | 0 4 | 6 31 | 1 5 | 22 1 | 1 10 | 7 53 | 0 49 | 13 21 | 1 48 | 22 34 | 11 11 | 23 28 | 23 28 | 23 55 | 4 56 | 3 44 | | | |
| F 3 | 16 26 | 4n 9 | 4 48 | 9 31 | 1 51 | 22 13 | 0 18 | 4 43 | 0 3 | 6 26 | 1 5 | 22 1 | 1 10 | 7 53 | 0 49 | 13 21 | 1 48 | 22 33 | 11 11 | 23 28 | 23 28 | 23 55 | 4 55 | 3 44 | | | |
| S 4 | 16 8 | 9 16 | 4 15 | 9 14 | 2 8 | 22 7 | 0 15 | 5 1 | 0 2 | 6 20 | 1 5 | 22 1 | 1 10 | 7 54 | 0 49 | 13 21 | 1 48 | 22 32 | 11 11 | 23 28 | 23 28 | 23 55 | 4 54 | 3 44 | | | |
| S 5 | 15 50 | 14 4 | 3 28 | 9 2 | 2 24 | 22 0 | 0 12 | 5 18 | 0 1 | 6 15 | 1 5 | 22 1 | 1 9 | 7 55 | 0 49 | 13 21 | 1 48 | 22 32 | 11 11 | 23 28 | 23 28 | 23 55 | 4 53 | 3 44 | | | |
| M 6 | 15 31 | 18 16 | 2 27 | 8 55 | 2 40 | 21 52 | 0 9 | 5 36 | 0n 0 | 6 10 | 1 5 | 22 1 | 1 9 | 7 56 | 0 49 | 13 21 | 1 48 | 22 31 | 11 11 | 23 28 | 23 28 | 23 55 | 4 53 | 3 44 | | | |
| T 7 | 15 13 | 21 32 | 1 16 | 8 52 | 2 54 | 21 44 | 0 6 | 5 53 | 0 1 | 6 4 | 1 5 | 22 1 | 1 9 | 7 57 | 0 49 | 13 21 | 1 48 | 22 31 | 11 11 | 23 28 | 23 28 | 23 55 | 4 52 | 3 44 | | | |
| W 8 | 14 54 | 23 29 | 0n 2 | 8 53 | 3 7 | 21 35 | 0 3 | 6 11 | 0 2 | 5 59 | 1 5 | 22 1 | 1 9 | 7 58 | 0 49 | 13 21 | 1 48 | 22 30 | 11 11 | 23 28 | 23 28 | 23 55 | 4 51 | 3 44 | | | |
| T 9 | 14 34 | 23 51 | 1 20 | 8 59 | 3 19 | 21 26 | 0 0 | 6 28 | 0 3 | 5 54 | 1 5 | 22 1 | 1 9 | 7 59 | 0 49 | 13 21 | 1 48 | 22 29 | 11 11 | 23 28 | 23 28 | 23 55 | 4 50 | 3 44 | | | |
| F 10 | 14 15 | 22 31 | 2 35 | 9 9 | 3 28 | 21 16 | 0s 3 | 6 45 | 0 4 | 5 48 | 1 5 | 22 2 | 1 8 | 8 0 | 0 49 | 13 21 | 1 48 | 22 29 | 11 11 | 23 28 | 23 28 | 23 55 | 4 49 | 3 44 | | | |
| S 11 | 13 55 | 19 34 | 3 38 | 9 23 | 3 36 | 21 5 | 0 5 | 7 2 | 0 4 | 5 43 | 1 5 | 22 2 | 1 8 | 8 1 | 0 49 | 13 21 | 1 48 | 22 28 | 11 11 | 23 28 | 23 28 | 23 55 | 4 48 | 3 44 | | | |
| S 12 | 13 35 | 15 20 | 4 26 | 9 41 | 3 41 | 20 53 | 0 8 | 7 19 | 0 5 | 5 37 | 1 5 | 22 2 | 1 8 | 8 2 | 0 49 | 13 21 | 1 48 | 22 28 | 11 11 | 23 28 | 23 28 | 23 55 | 4 46 | 3 44 | | | |
| M13 | 13 15 | 10 14 | 4 56 | 10 0 | 3 43 | 20 41 | 0 11 | 7 36 | 0 6 | 5 32 | 1 5 | 22 2 | 1 8 | 8 3 | 0 49 | 13 21 | 1 48 | 22 27 | 11 11 | 23 28 | 23 28 | 23 55 | 4 45 | 3 44 | | | |
| T 14 | 12 55 | 4 41 | 5 6 | 10 22 | 3 44 | 20 29 | 0 14 | 7 53 | 0 7 | 5 26 | 1 5 | 22 2 | 1 7 | 8 4 | 0 49 | 13 20 | 1 48 | 22 26 | 11 11 | 23 28 | 23 28 | 23 55 | 4 44 | 3 44 | | | |
| W15 | 12 34 | 0s56 | 4 57 | 10 46 | 3 42 | 20 16 | 0 16 | 8 10 | 0 8 | 5 21 | 1 4 | 22 2 | 1 7 | 8 5 | 0 49 | 13 20 | 1 48 | 22 26 | 11 11 | 23 28 | 23 28 | 23 55 | 4 43 | 3 44 | | | |
| T 16 | 12 13 | 6 20 | 4 32 | 11 10 | 3 38 | 20 2 | 0 19 | 8 27 | 0 9 | 5 15 | 1 4 | 22 3 | 1 7 | 8 6 | 0 49 | 13 20 | 1 48 | 22 25 | 11 11 | 23 28 | 23 28 | 23 55 | 4 41 | 3 44 | | | |
| F 17 | 11 52 | 11 16 | 3 53 | 11 34 | 3 32 | 19 47 | 0 22 | 8 44 | 0 9 | 5 10 | 1 4 | 22 3 | 1 7 | 8 7 | 0 49 | 13 20 | 1 48 | 22 25 | 11 11 | 23 28 | 23 28 | 23 54 | 4 40 | 3 44 | | | |
| S 18 | 11 31 | 15 34 | 3 4 | 11 59 | 3 24 | 19 32 | 0 24 | 9 0 | 0 10 | 5 4 | 1 4 | 22 3 | 1 7 | 8 8 | 0 49 | 13 20 | 1 49 | 22 24 | 11 12 | 23 28 | 23 28 | 23 54 | 4 39 | 3 43 | | | |
| S 19 | 11 10 | 19 6 | 2 8 | 12 22 | 3 15 | 19 17 | 0 27 | 9 17 | 0 11 | 4 58 | 1 4 | 22 3 | 1 6 | 8 9 | 0 49 | 13 20 | 1 49 | 22 23 | 11 12 | 23 28 | 23 28 | 23 54 | 4 37 | 3 43 | | | |
| M20 | 10 48 | 21 45 | 1 7 | 12 45 | 3 4 | 19 1 | 0 29 | 9 33 | 0 12 | 4 53 | 1 4 | 22 3 | 1 6 | 8 10 | 0 49 | 13 20 | 1 49 | 22 23 | 11 12 | 23 28 | 23 27 | 23 54 | 4 36 | 3 43 | | | |
| T 21 | 10 27 | 23 24 | 0 4 | 13 6 | 2 53 | 18 44 | 0 32 | 9 49 | 0 13 | 4 47 | 1 4 | 22 4 | 1 6 | 8 11 | 0 49 | 13 20 | 1 49 | 22 22 | 11 12 | 23 28 | 23 27 | 23 54 | 4 34 | 3 43 | | | |
| W22 | 10 5 | 24 0 | 0s59 | 13 26 | 2 41 | 18 27 | 0 34 | 10 6 | 0 13 | 4 42 | 1 4 | 22 4 | 1 6 | 8 12 | 0 49 | 13 19 | 1 49 | 22 22 | 11 12 | 23 28 | 23 27 | 23 54 | 4 33 | 3 43 | | | |
| T 23 | 9 43 | 23 31 | 1 59 | 13 44 | 2 28 | 18 9 | 0 37 | 10 22 | 0 14 | 4 36 | 1 4 | 22 4 | 1 6 | 8 13 | 0 49 | 13 19 | 1 49 | 22 21 | 11 12 | 23 28 | 23 27 | 23 54 | 4 31 | 3 43 | | | |
| F 24 | 9 21 | 21 58 | 2 54 | 14 0 | 2 15 | 17 51 | 0 39 | 10 38 | 0 15 | 4 30 | 1 4 | 22 4 | 1 5 | 8 14 | 0 49 | 13 19 | 1 49 | 22 21 | 11 12 | 23 28 | 23 27 | 23 54 | 4 29 | 3 43 | | | |
| S 25 | 8 59 | 19 26 | 3 41 | 14 15 | 2 1 | 17 32 | 0 42 | 10 54 | 0 16 | 4 25 | 1 4 | 22 4 | 1 5 | 8 15 | 0 49 | 13 19 | 1 49 | 22 20 | 11 12 | 23 28 | 23 27 | 23 53 | 4 28 | 3 43 | | | |
| S 26 | 8 36 | 16 1 | 4 20 | 14 28 | 1 48 | 17 13 | 0 44 | 11 10 | 0 16 | 4 19 | 1 4 | 22 5 | 1 5 | 8 16 | 0 49 | 13 19 | 1 49 | 22 20 | 11 12 | 23 28 | 23 27 | 23 53 | 4 26 | 3 43 | | | |
| M27 | 8 14 | 11 53 | 4 47 | 14 39 | 1 34 | 16 53 | 0 46 | 11 25 | 0 17 | 4 13 | 1 4 | 22 5 | 1 5 | 8 17 | 0 49 | 13 18 | 1 49 | 22 19 | 11 12 | 23 28 | 23 27 | 23 53 | 4 24 | 3 43 | | | |
| T 28 | 7s1 | 7s11 | 5s 0 | 14s48 | 1n21 | 16s33 | 0s48 | 11n41 | 0n18 | 4s 8 | 1s 4 | 22n 5 | 1s 4 | 8n18 | 0n49 | 13s18 | 1n49 | 22s19 | 11s12 | 23n28 | 23n27 | 23s53 | 4s22 | 3s42 | | | |

ASTRODIENST EPHEMERIS for the year 1797
geocentric

MARCH 1797

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | ♈ | ♉ | Day |
|------|----------|-----------------------|----------------------|--------------------|--------------------|--------------------|--------------------|----------------------|---------------------|---------------------|--------------------|----------------------|----------------------|---------------------|--------------------|------|
| W 1 | 10 37 4 | 10 ^h 56'48 | 6 ^h 12 | 16 ^h 15 | 18 ^h 11 | 0 ^h 28 | 22 ^h 19 | 21 ^h 11 | 10 ^h R44 | 10 ^h R37 | 29 ^h 0 | 28 ^h R45 | 28 ^h II 6 | 19 ^h 357 | 2 ^h R23 | W 1 |
| T 2 | 10 41 0 | 11 ^h 56'55 | 19 ^h 7 | 16 ^h 39 | 19 ^h 25 | 1 ^h 10 | 22 ^h 34 | 21 ^h 2 | 10 ^h 41 | 10 ^h 37 | 29 ^h 1 | 28 ^h II34 | 28 ^h 3 | 20 ^h 4 | 2 ^h 18 | T 2 |
| F 3 | 10 44 57 | 12 ^h 57'00 | 2 ^h 14 | 17 ^h 8 | 20 ^h 40 | 1 ^h 52 | 22 ^h 48 | 21 ^h 3 | 10 ^h 38 | 10 ^h 36 | 29 ^h 3 | 28 ^h 25 | 28 ^h 0 | 20 ^h 10 | 2 ^h 14 | F 3 |
| S 4 | 10 48 53 | 13 ^h 57'04 | 15 ^h 32 | 17 ^h 41 | 21 ^h 54 | 2 ^h 34 | 23 ^h 3 | 21 ^h 4 | 10 ^h 36 | 10 ^h 35 | 29 ^h 5 | 28 ^h 20 | 27 ^h 57 | 20 ^h 17 | 2 ^h 10 | S 4 |
| S 5 | 10 52 50 | 14 ^h 57'05 | 29 ^h 2 | 18 ^h 19 | 23 ^h 8 | 3 ^h 16 | 23 ^h 17 | 21 ^h 6 | 10 ^h 33 | 10 ^h 35 | 29 ^h 6 | 28 ^h 17 | 27 ^h 53 | 20 ^h 24 | 2 ^h 5 | S 5 |
| M 6 | 10 56 47 | 15 ^h 57'04 | 12 ^h II46 | 19 ^h 1 | 24 ^h 23 | 3 ^h 58 | 23 ^h 32 | 21 ^h 7 | 10 ^h 30 | 10 ^h 34 | 29 ^h 8 | 28 ^h D16 | 27 ^h 50 | 20 ^h 30 | 2 ^h 1 | M 6 |
| T 7 | 11 0 43 | 16 ^h 57'00 | 26 ^h 43 | 19 ^h 47 | 25 ^h 37 | 4 ^h 40 | 23 ^h 46 | 21 ^h 9 | 10 ^h 28 | 10 ^h 33 | 29 ^h 9 | 28 ^h R16 | 27 ^h 47 | 20 ^h 37 | 1 ^h 57 | T 7 |
| W 8 | 11 4 40 | 17 ^h 56'55 | 10 ^h 354 | 20 ^h 36 | 26 ^h 51 | 5 ^h 22 | 24 ^h 1 | 21 ^h 10 | 10 ^h 25 | 10 ^h 32 | 29 ^h 11 | 28 ^h 16 | 27 ^h 44 | 20 ^h 44 | 1 ^h 52 | W 8 |
| T 9 | 11 8 36 | 18 ^h 56'47 | 25 ^h 19 | 21 ^h 29 | 28 ^h 5 | 6 ^h 4 | 24 ^h 15 | 21 ^h 12 | 10 ^h 23 | 10 ^h 31 | 29 ^h 13 | 28 ^h 14 | 27 ^h 41 | 20 ^h 50 | 1 ^h 47 | T 9 |
| F 10 | 11 12 33 | 19 ^h 56'37 | 9 ^h 53 | 22 ^h 24 | 29 ^h 20 | 6 ^h 46 | 24 ^h 30 | 21 ^h 14 | 10 ^h 20 | 10 ^h 31 | 29 ^h 14 | 28 ^h 9 | 27 ^h 38 | 20 ^h 57 | 1 ^h 43 | F 10 |
| S 11 | 11 16 29 | 20 ^h 56'25 | 24 ^h 33 | 23 ^h 22 | 0 ^h 34 | 7 ^h 28 | 24 ^h 44 | 21 ^h 16 | 10 ^h 17 | 10 ^h 30 | 29 ^h 16 | 28 ^h 1 | 27 ^h 34 | 21 ^h 4 | 1 ^h 38 | S 11 |
| S 12 | 11 20 26 | 21 ^h 56'10 | 9 ^h 12 | 24 ^h 24 | 1 ^h 48 | 8 ^h 9 | 24 ^h 59 | 21 ^h 18 | 10 ^h 15 | 10 ^h 29 | 29 ^h 17 | 27 ^h 51 | 27 ^h 31 | 21 ^h 10 | 1 ^h 33 | S 12 |
| M13 | 11 24 22 | 22 ^h 55'54 | 23 ^h 42 | 25 ^h 27 | 3 ^h 3 | 8 ^h 51 | 25 ^h 13 | 21 ^h 21 | 10 ^h 12 | 10 ^h 28 | 29 ^h 19 | 27 ^h 39 | 27 ^h 28 | 21 ^h 17 | 1 ^h 29 | M13 |
| T 14 | 11 28 19 | 23 ^h 55'35 | 7 ^h 56 | 26 ^h 33 | 4 ^h 17 | 9 ^h 33 | 25 ^h 28 | 21 ^h 23 | 10 ^h 10 | 10 ^h 27 | 29 ^h 21 | 27 ^h 27 | 27 ^h 25 | 21 ^h 24 | 1 ^h 24 | T 14 |
| W15 | 11 32 16 | 24 ^h 55'15 | 21 ^h 48 | 27 ^h 42 | 5 ^h 31 | 10 ^h 14 | 25 ^h 42 | 21 ^h 26 | 10 ^h 7 | 10 ^h 26 | 29 ^h 22 | 27 ^h 16 | 27 ^h 22 | 21 ^h 30 | 1 ^h 19 | W15 |
| T 16 | 11 36 12 | 25 ^h 54'52 | 5 ^h 16 | 28 ^h 52 | 6 ^h 45 | 10 ^h 56 | 25 ^h 57 | 21 ^h 28 | 10 ^h 5 | 10 ^h 25 | 29 ^h 24 | 27 ^h 7 | 27 ^h 18 | 21 ^h 37 | 1 ^h 15 | T 16 |
| F 17 | 11 40 9 | 26 ^h 54'28 | 18 ^h 18 | 0 ^h 35 | 8 ^h 0 | 11 ^h 38 | 26 ^h 11 | 21 ^h 31 | 10 ^h 2 | 10 ^h 24 | 29 ^h 25 | 27 ^h 0 | 27 ^h 15 | 21 ^h 44 | 1 ^h 10 | F 17 |
| S 18 | 11 44 5 | 27 ^h 54'02 | 0 ^h 56 | 1 ^h 19 | 9 ^h 14 | 12 ^h 19 | 26 ^h 26 | 21 ^h 34 | 10 ^h 0 | 10 ^h 23 | 29 ^h 27 | 26 ^h 56 | 27 ^h 12 | 21 ^h 50 | 1 ^h 5 | S 18 |
| S 19 | 11 48 2 | 28 ^h 53'35 | 13 ^h 14 | 2 ^h 36 | 10 ^h 28 | 13 ^h 1 | 26 ^h 40 | 21 ^h 36 | 9 ^h 57 | 10 ^h 21 | 29 ^h 28 | 26 ^h 54 | 27 ^h 9 | 21 ^h 57 | 1 ^h 0 | S 19 |
| M20 | 11 51 58 | 29 ^h 53'05 | 25 ^h 17 | 3 ^h 54 | 11 ^h 42 | 13 ^h 42 | 26 ^h 55 | 21 ^h 39 | 9 ^h 55 | 10 ^h 20 | 29 ^h 30 | 26 ^h 54 | 27 ^h 6 | 22 ^h 4 | 0 ^h 55 | M20 |
| T 21 | 11 55 55 | 0 ^h 52'34 | 7 ^h 9 | 5 ^h 14 | 12 ^h 57 | 14 ^h 23 | 27 ^h 9 | 21 ^h 43 | 9 ^h 53 | 10 ^h 19 | 29 ^h 31 | 26 ^h 54 | 27 ^h 3 | 22 ^h 10 | 0 ^h 51 | T 21 |
| W22 | 11 59 51 | 1 ^h 52'01 | 18 ^h 58 | 6 ^h 36 | 14 ^h 11 | 15 ^h 5 | 27 ^h 24 | 21 ^h 46 | 9 ^h 50 | 10 ^h 18 | 29 ^h 33 | 26 ^h 53 | 26 ^h 59 | 22 ^h 17 | 0 ^h 46 | W22 |
| T 23 | 12 3 48 | 2 ^h 51'27 | 0 ^h 46 | 7 ^h 59 | 15 ^h 25 | 15 ^h 46 | 27 ^h 38 | 21 ^h 49 | 9 ^h 48 | 10 ^h 17 | 29 ^h 34 | 26 ^h 50 | 26 ^h 56 | 22 ^h 24 | 0 ^h 41 | T 23 |
| F 24 | 12 7 45 | 3 ^h 50'50 | 12 ^h 41 | 9 ^h 24 | 16 ^h 39 | 16 ^h 28 | 27 ^h 53 | 21 ^h 52 | 9 ^h 45 | 10 ^h 16 | 29 ^h 36 | 26 ^h 45 | 26 ^h 53 | 22 ^h 30 | 0 ^h 36 | F 24 |
| S 25 | 12 11 41 | 4 ^h 50'11 | 24 ^h 46 | 10 ^h 50 | 17 ^h 53 | 17 ^h 9 | 28 ^h 7 | 21 ^h 56 | 9 ^h 43 | 10 ^h 14 | 29 ^h 37 | 26 ^h 37 | 26 ^h 50 | 22 ^h 37 | 0 ^h 31 | S 25 |
| S 26 | 12 15 38 | 5 ^h 49'31 | 7 ^h 3 | 12 ^h 18 | 19 ^h 8 | 17 ^h 50 | 28 ^h 22 | 21 ^h 59 | 9 ^h 41 | 10 ^h 13 | 29 ^h 39 | 26 ^h 26 | 26 ^h 47 | 22 ^h 44 | 0 ^h 27 | S 26 |
| M27 | 12 19 34 | 6 ^h 48'49 | 19 ^h 36 | 13 ^h 48 | 20 ^h 22 | 18 ^h 31 | 28 ^h 36 | 22 ^h 3 | 9 ^h 39 | 10 ^h 12 | 29 ^h 40 | 26 ^h 14 | 26 ^h 43 | 22 ^h 50 | 0 ^h 22 | M27 |
| T 28 | 12 23 31 | 7 ^h 48'04 | 2 ^h 14 | 15 ^h 19 | 21 ^h 36 | 19 ^h 13 | 28 ^h 51 | 22 ^h 7 | 9 ^h 36 | 10 ^h 11 | 29 ^h 41 | 26 ^h 1 | 26 ^h 40 | 22 ^h 57 | 0 ^h 17 | T 28 |
| W29 | 12 27 27 | 8 ^h 47'18 | 15 ^h 28 | 16 ^h 52 | 22 ^h 50 | 19 ^h 54 | 29 ^h 5 | 22 ^h 11 | 9 ^h 34 | 10 ^h 9 | 29 ^h 43 | 25 ^h 48 | 26 ^h 37 | 23 ^h 4 | 0 ^h 12 | W29 |
| T 30 | 12 31 24 | 9 ^h 46'29 | 28 ^h 45 | 18 ^h 26 | 24 ^h 5 | 20 ^h 35 | 29 ^h 20 | 22 ^h 15 | 9 ^h 32 | 10 ^h 8 | 29 ^h 44 | 25 ^h 37 | 26 ^h 34 | 23 ^h 10 | 0 ^h 8 | T 30 |
| F 31 | 12 35 20 | 10 ^h 45'39 | 12 ^h 14 | 20 ^h 31 | 25 ^h 19 | 21 ^h 16 | 29 ^h 34 | 22 ^h II19 | 9 ^h 30 | 10 ^h 11 | 29 ^h 46 | 25 ^h II28 | 26 ^h II31 | 23 ^h 317 | 0 ^h 3 | F 31 |

| Day | ☉ | ☾ | | ♊ | | ♋ | | ♌ | | ♍ | | ♎ | | ♏ | | ♐ | | ♑ | | ♒ | ♓ | ♈ | ♉ | |
|------|------|-------|------|-------|------|-------|------|-------|------|------|------|-------|------|------|------|-------|------|-------|-------|-------|-------|-------|------|------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| W 1 | 7s28 | 2s 7 | 4s59 | 14s55 | 1n 8 | 16s12 | 0s51 | 11n56 | 0n19 | 4s 2 | 1s 4 | 22n 6 | 1s 4 | 8n19 | 0n49 | 13s18 | 1n49 | 22s18 | 11s12 | 23n28 | 23n27 | 23s53 | 4s21 | 3s42 |
| T 2 | 7 5 | 3n 8 | 4 43 | 15 0 | 0 55 | 15 51 | 0 53 | 12 12 | 0 19 | 3 56 | 1 4 | 22 6 | 1 4 | 8 20 | 0 49 | 13 18 | 1 49 | 22 18 | 11 12 | 23 27 | 23 27 | 23 53 | 4 19 | 3 42 |
| F 3 | 6 42 | 8 20 | 4 11 | 15 3 | 0 42 | 15 29 | 0 55 | 12 27 | 0 20 | 3 50 | 1 4 | 22 6 | 1 4 | 8 21 | 0 49 | 13 17 | 1 49 | 22 17 | 11 13 | 23 27 | 23 27 | 23 52 | 4 17 | 3 42 |
| S 4 | 6 19 | 13 13 | 3 26 | 15 5 | 0 29 | 15 7 | 0 57 | 12 42 | 0 21 | 3 45 | 1 4 | 22 6 | 1 4 | 8 21 | 0 49 | 13 17 | 1 49 | 22 17 | 11 13 | 23 27 | 23 27 | 23 52 | 4 15 | 3 42 |
| S 5 | 5 56 | 17 33 | 2 28 | 15 5 | 0 17 | 14 45 | 0 59 | 12 57 | 0 21 | 3 39 | 1 4 | 22 7 | 1 3 | 8 22 | 0 49 | 13 17 | 1 49 | 22 16 | 11 13 | 23 27 | 23 27 | 23 52 | 4 13 | 3 42 |
| M 6 | 5 33 | 21 1 | 1 21 | 15 3 | 0 6 | 14 22 | 1 1 | 13 12 | 0 22 | 3 33 | 1 4 | 22 7 | 1 3 | 8 23 | 0 49 | 13 17 | 1 49 | 22 16 | 11 13 | 23 27 | 23 27 | 23 52 | 4 11 | 3 41 |
| T 7 | 5 10 | 23 17 | 0 8 | 14 59 | 0s 6 | 13 59 | 1 2 | 13 27 | 0 23 | 3 27 | 1 4 | 22 7 | 1 3 | 8 24 | 0 49 | 13 16 | 1 49 | 22 15 | 11 13 | 23 27 | 23 27 | 23 52 | 4 9 | 3 41 |
| W 8 | 4 46 | 24 7 | 1n 6 | 14 54 | 0 17 | 13 35 | 1 4 | 13 42 | 0 24 | 3 22 | 1 4 | 22 8 | 1 3 | 8 25 | 0 49 | 13 16 | 1 50 | 22 15 | 11 13 | 23 27 | 23 27 | 23 51 | 4 7 | 3 41 |
| T 9 | 4 23 | 23 21 | 2 18 | 14 47 | 0 27 | 13 11 | 1 6 | 13 56 | 0 24 | 3 16 | 1 4 | 22 8 | 1 3 | 8 26 | 0 49 | 13 16 | 1 50 | 22 14 | 11 13 | 23 27 | 23 27 | 23 51 | 4 5 | 3 41 |
| F 10 | 3 59 | 21 1 | 3 21 | 14 39 | 0 37 | 12 47 | 1 8 | 14 11 | 0 25 | 3 10 | 1 4 | 22 8 | 1 2 | 8 27 | 0 49 | 13 15 | 1 50 | 22 14 | 11 13 | 23 27 | 23 27 | 23 51 | 4 3 | 3 40 |
| S 11 | 3 36 | 17 18 | 4 11 | 14 29 | 0 47 | 12 22 | 1 9 | 14 25 | 0 26 | 3 4 | 1 4 | 22 9 | 1 2 | 8 28 | 0 49 | 13 15 | 1 50 | 22 13 | 11 14 | 23 27 | 23 27 | 23 51 | 4 1 | 3 40 |
| S 12 | 3 12 | 12 31 | 4 45 | 14 17 | 0 56 | 11 57 | 1 11 | 14 39 | 0 26 | 2 59 | 1 4 | 22 9 | 1 2 | 8 29 | 0 49 | 13 15 | 1 50 | 22 13 | 11 14 | 23 27 | 23 27 | 23 50 | 3 59 | 3 40 |
| M13 | 2 49 | 7 5 | 5 0 | 14 4 | 1 5 | 11 31 | 1 12 | 14 53 | 0 27 | 2 53 | 1 4 | 22 9 | 1 2 | 8 30 | 0 49 | 13 14 | 1 50 | 22 12 | 11 14 | 23 27 | 23 27 | 23 50 | 3 57 | 3 40 |
| T 14 | 2 25 | 1 22 | 4 55 | 13 49 | 1 13 | 11 6 | 1 14 | 15 7 | 0 28 | 2 47 | 1 4 | 22 10 | 1 2 | 8 31 | 0 49 | 13 14 | 1 50 | 22 12 | 11 14 | 23 26 | 23 26 | 23 50 | 3 55 | 3 39 |
| W15 | 2 1 | 4s16 | 4 34 | 13 33 | 1 21 | 10 40 | 1 15 | 15 21 | 0 28 | 2 41 | 1 4 | 22 10 | 1 1 | 8 32 | 0 49 | 13 14 | 1 50 | 22 12 | 11 14 | 23 26 | 23 26 | 23 50 | 3 53 | 3 39 |
| T 16 | 1 38 | 9 34 | 3 57 | 13 16 | 1 25 | 10 14 | 1 17 | 15 35 | 0 29 | 2 36 | 1 4 | 22 10 | 1 1 | 8 33 | 0 49 | 13 13 | 1 50 | 22 11 | 11 14 | 23 26 | 23 26 | 23 49 | 3 50 | 3 39 |
| F 17 | 1 14 | 14 16 | 3 9 | 12 57 | 1 35 | 9 47 | 1 18 | 15 48 | 0 29 | 2 30 | 1 4 | 22 11 | 1 1 | 8 34 | 0 49 | 13 13 | 1 50 | 22 11 | 11 15 | 23 26 | 23 26 | 23 49 | 3 48 | 3 39 |
| S 18 | 0 50 | 18 12 | 2 13 | 12 36 | 1 42 | 9 20 | 1 19 | 16 2 | 0 30 | 2 24 | 1 4 | 22 11 | 1 1 | 8 35 | 0 49 | 13 12 | 1 50 | 22 10 | 11 15 | 23 26 | 23 26 | 23 49 | 3 46 | 3 38 |
| S 19 | 0 26 | 21 14 | 1 12 | 12 14 | 1 48 | 8 53 | 1 20 | 16 15 | 0 31 | 2 18 | 1 4 | 22 12 | 1 1 | 8 36 | 0 49 | 13 12 | 1 50 | 22 10 | 11 15 | 23 26 | 23 26 | 23 49 | 3 44 | 3 38 |
| M20 | 0 3 | 23 14 | 0 9 | 11 51 | 1 54 | 8 26 | 1 21 | 16 28 | 0 31 | 2 13 | 1 4 | 22 12 | 1 0 | 8 37 | 0 49 | 13 12 | 1 50 | 22 10 | 11 15 | 23 26 | 23 26 | 23 48 | 3 42 | 3 38 |
| T 21 | 0n21 | 24 10 | 0s54 | 11 27 | 1 59 | 7 58 | 1 22 | 16 41 | 0 32 | 2 7 | 1 4 | 22 12 | 1 0 | 8 38 | 0 49 | 13 11 | 1 50 | 22 9 | 11 15 | 23 26 | 23 26 | 23 48 | 3 39 | 3 37 |
| W22 | 0 45 | 24 0 | 1 54 | 11 1 | 2 3 | 7 31 | 1 23 | 16 54 | 0 32 | 2 1 | 1 4 | 22 13 | 1 0 | 8 39 | 0 49 | 13 11 | 1 50 | 22 9 | 11 15 | 23 26 | 23 26 | 23 48 | 3 37 | 3 37 |
| T 23 | 1 8 | 22 45 | 2 49 | 10 34 | 2 8 | 7 3 | 1 24 | 17 6 | 0 33 | 1 55 | 1 4 | 22 13 | 1 0 | 8 39 | 0 49 | 13 10 | 1 50 | 22 9 | 11 16 | 23 26 | 23 26 | 23 47 | 3 35 | 3 37 |
| F 24 | 1 32 | 20 29 | 3 37 | 10 5 | 2 11 | 6 35 | 1 25 | 17 19 | 0 34 | 1 50 | 1 4 | 22 14 | 1 0 | 8 40 | 0 49 | 13 10 | 1 50 | 22 8 | 11 16 | 23 26 | 23 26 | 23 47 | 3 33 | 3 36 |
| S 25 | 1 55 | 17 18 | 4 16 | 9 35 | 2 15 | 6 6 | 1 26 | 17 31 | 0 34 | 1 44 | 1 4 | 22 14 | 0 59 | 8 41 | 0 49 | 13 10 | 1 50 | 22 8 | 11 16 | 23 25 | 23 26 | 23 47 | 3 30 | 3 36 |
| S 26 | 2 19 | 13 19 | 4 44 | 9 4 | 2 18 | 5 38 | 1 26 | 17 43 | 0 35 | 1 38 | 1 4 | 22 14 | 0 59 | 8 42 | 0 49 | 13 9 | 1 50 | 22 8 | 11 16 | 23 25 | 23 26 | 23 46 | 3 28 | 3 35 |
| M27 | 2 42 | 8 42 | 4 59 | 8 32 | 2 20 | 5 9 | 1 27 | 17 55 | 0 35 | 1 32 | 1 4 | 22 15 | 0 59 | 8 43 | 0 49 | 13 9 | 1 50 | 22 7 | 11 17 | 23 25 | 23 26 | 23 46 | 3 26 | 3 35 |
| T 28 | 3 6 | 3 37 | 4 59 | 7 58 | 2 22 | 4 40 | 1 27 | 18 7 | 0 36 | 1 27 | 1 5 | 22 15 | 0 59 | 8 44 | 0 49 | 13 8 | 1 50 | 22 7 | 11 17 | 23 24 | 23 25 | 23 46 | 3 24 | 3 35 |
| W29 | 3 29 | 1n44 | 4 43 | 7 24 | 2 23 | 4 11 | 1 28 | 18 19 | 0 36 | 1 21 | 1 5 | 22 16 | 0 59 | 8 44 | 0 49 | 13 8 | 1 50 | 22 7 | 11 17 | 23 24 | 23 25 | 23 45 | 3 21 | 3 34 |
| T 30 | 3 53 | 7 6 | 4 12 | 6 48 | 2 24 | 3 42 | 1 28 | 18 31 | 0 37 | 1 15 | 1 5 | 22 16 | 0 58 | 8 45 | 0 49 | 13 7 | 1 50 | 22 6 | 11 17 | 23 24 | 23 25 | 23 45 | 3 19 | 3 34 |
| F 31 | 4n16 | 12n14 | 3s27 | 6s11 | 2s25 | 3s13 | 1s29 | 18n42 | 0n37 | 1s10 | 1s 5 | 22n16 | 0s58 | 8n46 | 0n49 | 13s 7 | 1n50 | 22s 6 | 11s17 | 23n23 | 23n25 | 23s45 | 3s17 | 3s33 |

ASTRODIENST EPHEMERIS for the year 1797

geocentric

APRIL 1797

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|----------|-------|-------|-------|--------|-------|-------|-------|--------|-------|--------|-------|-------|--------|------|
| S 1 | 12 39 17 | 11°44'46 | 25°53 | 21°38 | 26°33 | 21°57 | 29°48 | 22°23 | 9°R28 | 10°R 5 | 29°47 | 25°R22 | 26°28 | 23°24 | 29°R58 | S 1 |
| S 2 | 12 43 14 | 12°43'51 | 9°40 | 23°17 | 27°47 | 22°38 | 0°Y 3 | 22°27 | 9°26 | 10°4 4 | 29°48 | 25°19 | 26°24 | 23°30 | 29°54 | S 2 |
| M 3 | 12 47 10 | 13°42'54 | 23°34 | 24°57 | 29° 1 | 23°19 | 0°17 | 22°31 | 9°24 | 10° 2 | 29°50 | 25°D18 | 26°21 | 23°37 | 29°49 | M 3 |
| T 4 | 12 51 7 | 14°41'55 | 7°34 | 26°38 | 0°Y15 | 24° 0 | 0°31 | 22°36 | 9°22 | 10° 1 | 29°51 | 25°R19 | 26°18 | 23°44 | 29°45 | T 4 |
| W 5 | 12 55 3 | 15°40'53 | 21°40 | 28°21 | 1°29 | 24°41 | 0°46 | 22°40 | 9°20 | 9°59 | 29°52 | 25°19 | 26°15 | 23°50 | 29°40 | W 5 |
| T 6 | 12 59 0 | 16°39'48 | 5°51 | 0°Y 5 | 2°44 | 25°22 | 1° 0 | 22°45 | 9°18 | 9°58 | 29°53 | 25°17 | 26°12 | 23°57 | 29°36 | T 6 |
| F 7 | 13 2 56 | 17°38'42 | 20° 5 | 1°51 | 3°58 | 26° 3 | 1°14 | 22°50 | 9°16 | 9°57 | 29°55 | 25°14 | 26° 9 | 24° 3 | 29°31 | F 7 |
| S 8 | 13 6 53 | 18°37'33 | 4°19 | 3°38 | 5°12 | 26°43 | 1°28 | 22°54 | 9°14 | 9°55 | 29°56 | 25° 7 | 26° 5 | 24°10 | 29°27 | S 8 |
| S 9 | 13 10 49 | 19°36'22 | 18°31 | 5°27 | 6°26 | 27°24 | 1°43 | 22°59 | 9°12 | 9°54 | 29°57 | 24°59 | 26° 2 | 24°17 | 29°22 | S 9 |
| M10 | 13 14 46 | 20°35'08 | 2°34 | 7°18 | 7°40 | 28° 5 | 1°57 | 23° 4 | 9°10 | 9°52 | 29°58 | 24°49 | 25°59 | 24°23 | 29°18 | M10 |
| T 11 | 13 18 43 | 21°33'53 | 16°26 | 9° 9 | 8°54 | 28°46 | 2°11 | 23° 9 | 9° 9 | 9°51 | 29°59 | 24°38 | 25°56 | 24°30 | 29°14 | T 11 |
| W12 | 13 22 39 | 22°32'35 | 0°0 | 11° 3 | 10° 8 | 29°26 | 2°25 | 23°14 | 9° 7 | 9°49 | 0°1 | 24°28 | 25°53 | 24°37 | 29°10 | W12 |
| T 13 | 13 26 36 | 23°31'16 | 13°15 | 12°58 | 11°22 | 0°11 7 | 2°39 | 23°19 | 9° 5 | 9°47 | 0° 2 | 24°20 | 25°49 | 24°43 | 29° 6 | T 13 |
| F 14 | 13 30 32 | 24°29'54 | 26°10 | 14°54 | 12°36 | 0°48 | 2°53 | 23°24 | 9° 4 | 9°46 | 0° 3 | 24°14 | 25°46 | 24°50 | 29° 2 | F 14 |
| S 15 | 13 34 29 | 25°28'31 | 8°45 | 16°52 | 13°50 | 1°28 | 3° 7 | 23°30 | 9° 2 | 9°44 | 0° 4 | 24°11 | 25°43 | 24°57 | 28°58 | S 15 |
| S 16 | 13 38 25 | 26°27'07 | 21° 2 | 18°52 | 15° 4 | 2° 9 | 3°21 | 23°35 | 9° 1 | 9°43 | 0° 5 | 24°D10 | 25°40 | 25° 3 | 28°54 | S 16 |
| M17 | 13 42 22 | 27°25'40 | 3° 6 | 20°53 | 16°18 | 2°49 | 3°35 | 23°40 | 8°59 | 9°41 | 0° 6 | 24°10 | 25°37 | 25°10 | 28°50 | M17 |
| T 18 | 13 46 18 | 28°24'12 | 15° 0 | 22°55 | 17°32 | 3°30 | 3°49 | 23°46 | 8°58 | 9°40 | 0° 7 | 24°11 | 25°34 | 25°17 | 28°46 | T 18 |
| W19 | 13 50 15 | 29°22'42 | 26°49 | 24°59 | 18°46 | 4°10 | 4° 2 | 23°51 | 8°56 | 9°38 | 0° 8 | 24°R12 | 25°30 | 25°23 | 28°43 | W19 |
| T 20 | 13 54 12 | 0°21'11 | 8°40 | 27° 4 | 20° 0 | 4°50 | 4°16 | 23°57 | 8°55 | 9°36 | 0° 9 | 24°11 | 25°27 | 25°30 | 28°39 | T 20 |
| F 21 | 13 58 8 | 1°19'38 | 20°37 | 29°10 | 21°14 | 5°31 | 4°30 | 24° 3 | 8°54 | 9°35 | 0°10 | 24° 9 | 25°24 | 25°37 | 28°35 | F 21 |
| S 22 | 14 2 5 | 2°18'03 | 2°45 | 1°17 | 22°28 | 6°11 | 4°44 | 24° 9 | 8°52 | 9°33 | 0°11 | 24° 5 | 25°21 | 25°43 | 28°32 | S 22 |
| S 23 | 14 6 1 | 3°16'26 | 15° 7 | 3°25 | 23°42 | 6°51 | 4°57 | 24°14 | 8°51 | 9°32 | 0°12 | 23°59 | 25°18 | 25°50 | 28°29 | S 23 |
| M24 | 14 9 58 | 4°14'48 | 27°48 | 5°33 | 24°56 | 7°32 | 5°11 | 24°20 | 8°50 | 9°30 | 0°13 | 23°51 | 25°15 | 25°57 | 28°25 | M24 |
| T 25 | 14 13 54 | 5°13'08 | 10°48 | 7°42 | 26°10 | 8°12 | 5°24 | 24°26 | 8°49 | 9°28 | 0°14 | 23°43 | 25°11 | 26° 3 | 28°22 | T 25 |
| W26 | 14 17 51 | 6°11'27 | 24° 8 | 9°51 | 27°24 | 8°52 | 5°38 | 24°32 | 8°48 | 9°27 | 0°14 | 23°34 | 25° 8 | 26°10 | 28°19 | W26 |
| T 27 | 14 21 47 | 7° 9'44 | 7°46 | 12° 0 | 28°38 | 9°32 | 5°51 | 24°38 | 8°47 | 9°25 | 0°15 | 23°27 | 25° 5 | 26°17 | 28°16 | T 27 |
| F 28 | 14 25 44 | 8° 7'59 | 21°39 | 14° 9 | 29°52 | 10°13 | 6° 5 | 24°45 | 8°46 | 9°23 | 0°16 | 23°22 | 25° 2 | 26°23 | 28°13 | F 28 |
| S 29 | 14 29 40 | 9° 6'12 | 5°44 | 16°17 | 1° 6 | 10°53 | 6°18 | 24°51 | 8°45 | 9°22 | 0°17 | 23°18 | 24°59 | 26°30 | 28°10 | S 29 |
| S 30 | 14 33 37 | 10° 4'24 | 19°56 | 18°24 | 2°20 | 11°33 | 6°31 | 24°57 | 8°44 | 9°20 | 0°18 | 23°D17 | 24°55 | 26°37 | 28°7 | 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 | 4n39 | 16n50 | 2s29 | 5s32 | 2s25 | 2s44 | 1s29 | 18n53 | 0n38 | 1s 4 | 1s 5 | 22n17 | 0s58 | 8n47 | 0n49 | 13s 7 | 1n51 | 22s 6 | 11s18 | 23n23 | 23n25 | 23s44 | 3s15 | 3s33 | | | |
| S 2 | 5 2 | 20 34 | 1 22 | 4 53 | 2 24 | 2 15 | 1 29 | 19 4 | 0 39 | 0 58 | 1 5 | 22 17 | 0 58 | 8 48 | 0 49 | 13 6 | 1 51 | 22 6 | 11 18 | 23 23 | 23 25 | 23 44 | 3 12 | 3 33 | | | |
| M 3 | 5 25 | 23 9 | 0 9 | 4 12 | 2 24 | 1 45 | 1 29 | 19 15 | 0 39 | 0 53 | 1 5 | 22 18 | 0 58 | 8 48 | 0 49 | 13 6 | 1 51 | 22 5 | 11 18 | 23 23 | 23 25 | 23 44 | 3 10 | 3 32 | | | |
| T 4 | 5 48 | 24 20 | 1n 5 | 3 31 | 2 22 | 1 16 | 1 29 | 19 26 | 0 40 | 0 47 | 1 5 | 22 18 | 0 58 | 8 49 | 0 49 | 13 5 | 1 51 | 22 5 | 11 18 | 23 23 | 23 25 | 23 43 | 3 8 | 3 32 | | | |
| W 5 | 6 11 | 23 57 | 2 15 | 2 48 | 2 20 | 0 46 | 1 29 | 19 36 | 0 40 | 0 41 | 1 5 | 22 19 | 0 57 | 8 50 | 0 49 | 13 5 | 1 51 | 22 5 | 11 19 | 23 23 | 23 25 | 23 43 | 3 6 | 3 31 | | | |
| T 6 | 6 33 | 22 1 | 3 18 | 2 4 | 2 18 | 0 17 | 1 29 | 19 47 | 0 41 | 0 36 | 1 5 | 22 19 | 0 57 | 8 50 | 0 48 | 13 4 | 1 51 | 22 5 | 11 19 | 23 23 | 23 25 | 23 42 | 3 4 | 3 31 | | | |
| F 7 | 6 56 | 18 44 | 4 8 | 1 19 | 2 15 | 0n13 | 1 29 | 19 57 | 0 41 | 0 30 | 1 5 | 22 19 | 0 57 | 8 51 | 0 48 | 13 4 | 1 51 | 22 4 | 11 19 | 23 23 | 23 25 | 23 42 | 3 1 | 3 30 | | | |
| S 8 | 7 18 | 14 20 | 4 44 | 0 33 | 2 11 | 0 42 | 1 29 | 20 7 | 0 42 | 0 25 | 1 5 | 22 20 | 0 57 | 8 52 | 0 48 | 13 3 | 1 51 | 22 4 | 11 19 | 23 23 | 23 24 | 23 42 | 2 59 | 3 30 | | | |
| S 9 | 7 41 | 9 10 | 5 1 | 0n13 | 2 7 | 1 12 | 1 29 | 20 17 | 0 42 | 0 19 | 1 5 | 22 20 | 0 57 | 8 53 | 0 48 | 13 3 | 1 51 | 22 4 | 11 20 | 23 22 | 23 24 | 23 41 | 2 57 | 3 29 | | | |
| M10 | 8 3 | 3 34 | 5 0 | 1 1 | 2 3 | 1 42 | 1 28 | 20 27 | 0 42 | 0 13 | 1 5 | 22 21 | 0 56 | 8 53 | 0 48 | 13 2 | 1 51 | 22 4 | 11 20 | 23 22 | 23 24 | 23 41 | 2 55 | 3 29 | | | |
| T 11 | 8 25 | 2s 8 | 4 42 | 1 50 | 1 58 | 2 11 | 1 28 | 20 36 | 0 43 | 0 8 | 1 5 | 22 21 | 0 56 | 8 54 | 0 48 | 13 2 | 1 51 | 22 4 | 11 20 | 23 21 | 23 24 | 23 40 | 2 53 | 3 28 | | | |
| W12 | 8 47 | 7 37 | 4 7 | 2 39 | 1 52 | 2 41 | 1 28 | 20 46 | 0 43 | 0 2 | 1 5 | 22 22 | 0 56 | 8 54 | 0 48 | 13 1 | 1 51 | 22 3 | 11 20 | 23 21 | 23 24 | 23 40 | 2 50 | 3 28 | | | |
| T 13 | 9 9 | 12 39 | 3 20 | 3 30 | 1 46 | 3 10 | 1 27 | 20 55 | 0 44 | 0n 3 | 1 5 | 22 22 | 0 56 | 8 55 | 0 48 | 13 1 | 1 51 | 22 3 | 11 21 | 23 21 | 23 24 | 23 39 | 2 48 | 3 27 | | | |
| F 14 | 9 30 | 16 59 | 2 24 | 4 21 | 1 40 | 3 39 | 1 26 | 21 4 | 0 44 | 0 9 | 1 6 | 22 22 | 0 56 | 8 56 | 0 48 | 13 0 | 1 51 | 22 3 | 11 21 | 23 20 | 23 24 | 23 39 | 2 46 | 3 27 | | | |
| S 15 | 9 52 | 20 26 | 1 22 | 5 13 | 1 33 | 4 9 | 1 26 | 21 13 | 0 45 | 0 14 | 1 6 | 22 23 | 0 56 | 8 56 | 0 48 | 13 0 | 1 51 | 22 3 | 11 21 | 23 20 | 23 24 | 23 38 | 2 44 | 3 26 | | | |
| S 16 | 10 13 | 22 53 | 0 17 | 6 5 | 1 25 | 4 38 | 1 25 | 21 21 | 0 45 | 0 20 | 1 6 | 22 23 | 0 55 | 8 57 | 0 48 | 12 59 | 1 51 | 22 3 | 11 21 | 23 20 | 23 24 | 23 38 | 2 42 | 3 26 | | | |
| M17 | 10 34 | 24 14 | 0s48 | 6 58 | 1 17 | 5 7 | 1 24 | 21 30 | 0 46 | 0 25 | 1 6 | 22 24 | 0 55 | 8 57 | 0 48 | 12 59 | 1 51 | 22 3 | 11 22 | 23 20 | 23 24 | 23 37 | 2 40 | 3 25 | | | |
| T 18 | 10 55 | 24 26 | 1 50 | 7 51 | 1 9 | 5 36 | 1 24 | 21 38 | 0 46 | 0 31 | 1 6 | 22 24 | 0 55 | 8 58 | 0 48 | 12 58 | 1 51 | 22 3 | 11 22 | 23 20 | 23 23 | 23 37 | 2 38 | 3 24 | | | |
| W19 | 11 16 | 23 32 | 2 46 | 8 45 | 1 0 | 6 5 | 1 23 | 21 46 | 0 47 | 0 36 | 1 6 | 22 25 | 0 55 | 8 58 | 0 48 | 12 58 | 1 51 | 22 2 | 11 22 | 23 20 | 23 23 | 23 37 | 2 36 | 3 24 | | | |
| T 20 | 11 36 | 21 35 | 3 36 | 9 39 | 0 51 | 6 34 | 1 22 | 21 54 | 0 47 | 0 41 | 1 6 | 22 25 | 0 55 | 8 59 | 0 48 | 12 57 | 1 51 | 22 2 | 11 23 | 23 20 | 23 23 | 23 36 | 2 34 | 3 23 | | | |
| F 21 | 11 57 | 18 41 | 4 16 | 10 33 | 0 41 | 7 3 | 1 21 | 22 1 | 0 47 | 0 47 | 1 6 | 22 25 | 0 55 | 8 59 | 0 48 | 12 57 | 1 51 | 22 2 | 11 23 | 23 20 | 23 23 | 23 36 | 2 32 | 3 23 | | | |
| S 22 | 12 17 | 14 57 | 4 46 | 11 26 | 0 31 | 7 31 | 1 20 | 22 9 | 0 48 | 0 52 | 1 6 | 22 26 | 0 54 | 9 0 | 0 48 | 12 56 | 1 51 | 22 2 | 11 23 | 23 20 | 23 23 | 23 35 | 2 30 | 3 22 | | | |
| S 23 | 12 37 | 10 32 | 5 3 | 12 20 | 0 21 | 8 0 | 1 19 | 22 16 | 0 48 | 0 57 | 1 6 | 22 26 | 0 54 | 9 0 | 0 48 | 12 56 | 1 51 | 22 2 | 11 24 | 23 20 | 23 23 | 23 35 | 2 28 | 3 22 | | | |
| M24 | 12 57 | 5 33 | 5 6 | 13 13 | 0 11 | 8 28 | 1 17 | 22 23 | 0 49 | 1 3 | 1 6 | 22 27 | 0 54 | 9 0 | 0 48 | 12 55 | 1 51 | 22 2 | 11 24 | 23 19 | 23 23 | 23 34 | 2 27 | 3 21 | | | |
| T 25 | 13 17 | 0 13 | 4 54 | 14 5 | 0 0 | 8 56 | 1 16 | 22 30 | 0 49 | 1 8 | 1 7 | 22 27 | 0 54 | 9 1 | 0 48 | 12 55 | 1 51 | 22 2 | 11 24 | 23 19 | 23 23 | 23 33 | 2 25 | 3 20 | | | |
| W26 | 13 36 | 5n16 | 4 25 | 14 57 | 0n10 | 9 24 | 1 15 | 22 37 | 0 49 | 1 13 | 1 7 | 22 27 | 0 54 | 9 1 | 0 48 | 12 54 | 1 51 | 22 2 | 11 24 | 23 19 | 23 23 | 23 33 | 2 23 | 3 20 | | | |
| T 27 | 13 55 | 10 38 | 3 41 | 15 47 | 0 21 | 9 51 | 1 13 | 22 44 | 0 50 | 1 18 | 1 7 | 22 28 | 0 54 | 9 1 | 0 48 | 12 53 | 1 51 | 22 2 | 11 25 | 23 18 | 23 22 | 23 32 | 2 21 | 3 19 | | | |
| F 28 | 14 14 | 15 35 | 2 43 | 16 36 | 0 32 | 10 19 | 1 12 | 22 50 | 0 50 | 1 24 | 1 7 | 22 28 | 0 54 | 9 2 | 0 48 | 12 53 | 1 51 | 22 2 | 11 25 | 23 18 | 23 22 | 23 32 | 2 20 | 3 19 | | | |
| S 29 | 14 33 | 19 45 | 1 34 | 17 24 | 0 42 | 10 46 | 1 11 | 22 56 | 0 51 | 1 29 | 1 7 | 22 29 | 0 53 | 9 2 | 0 48 | 12 52 | 1 51 | 22 2 | 11 25 | 23 18 | 23 22 | 23 31 | 2 18 | 3 18 | | | |
| S 30 | 14n51 | 22n47 | 0s18 | 18n10 | 0n53 | 11n13 | 1s 9 | 23n 2 | 0n51 | 1n34 | 1s 7 | 22n29 | 0s53 | 9n 2 | 0n48 | 12s52 | 1n51 | 22s 2 | 11s26 | 23n18 | 23n22 | 23s31 | 2s16 | 3s17 | | | |

ASTRODIENST EPHEMERIS for the year 1797

geocentric

MAY 1797

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|-------------|-----------|-----------|-----------|---------|--------|-----------|-------|-------|-------|--------|--------|---------|--------|----|------|
| M 1 | 14 37 34 | 11° 2'33 | 4° 11 | 20° 30 | 3° 34 | 12° 13 | 6° 45 | 25° 11 | 8° 43 | 9° 18 | 0° 18 | 23° 17 | 24° 52 | 26° 43 | 28° 0 | 5 | M 1 |
| T 2 | 14 41 30 | 12° 0'41 | 18° 27 | 22° 34 | 4° 48 | 12° 53 | 6° 58 | 25° 10 | 8° 43 | 9° 17 | 0° 19 | 23° 19 | 24° 49 | 26° 50 | 28° 2 | 2 | T 2 |
| W 3 | 14 45 27 | 12° 58'47 | 2° 0'41 | 24° 37 | 6° 2 | 13° 33 | 7° 11 | 25° 16 | 8° 42 | 9° 15 | 0° 20 | 23° 20 | 24° 46 | 26° 57 | 28° 0 | 0 | W 3 |
| T 4 | 14 49 23 | 13° 56'50 | 16° 50 | 26° 37 | 7° 15 | 14° 13 | 7° 24 | 25° 23 | 8° 41 | 9° 14 | 0° 21 | 23° 20 | 24° 43 | 27° 3 | 27° 57 | 3 | T 4 |
| F 5 | 14 53 20 | 14° 54'52 | 0° 11'54 | 28° 35 | 8° 29 | 14° 53 | 7° 37 | 25° 29 | 8° 41 | 9° 12 | 0° 21 | 23° 19 | 24° 40 | 27° 10 | 27° 55 | 5 | F 5 |
| S 6 | 14 57 16 | 15° 52'51 | 14° 51 | 0° 11'31 | 9° 43 | 15° 33 | 7° 50 | 25° 36 | 8° 40 | 9° 10 | 0° 22 | 23° 16 | 24° 36 | 27° 17 | 27° 53 | 6 | S 6 |
| S 7 | 15 1 13 | 16° 50'49 | 28° 38 | 2° 24 | 10° 57 | 16° 13 | 8° 3 | 25° 43 | 8° 40 | 9° 9 | 0° 22 | 23° 12 | 24° 33 | 27° 23 | 27° 51 | 7 | S 7 |
| M 8 | 15 5 9 | 17° 48'45 | 12° 15 | 4° 14 | 12° 11 | 16° 52 | 8° 16 | 25° 49 | 8° 39 | 9° 7 | 0° 23 | 23° 7 | 24° 30 | 27° 30 | 27° 49 | 8 | M 8 |
| T 9 | 15 9 6 | 18° 46'39 | 25° 40 | 6° 0 | 13° 25 | 17° 32 | 8° 28 | 25° 56 | 8° 39 | 9° 5 | 0° 24 | 23° 1 | 24° 27 | 27° 37 | 27° 47 | 9 | T 9 |
| W10 | 15 13 3 | 19° 44'32 | 8° 11'50 | 7° 44 | 14° 38 | 18° 12 | 8° 41 | 26° 3 | 8° 38 | 9° 4 | 0° 24 | 22° 56 | 24° 24 | 27° 43 | 27° 45 | 10 | W10 |
| T 11 | 15 16 59 | 20° 42'23 | 21° 45 | 9° 25 | 15° 52 | 18° 52 | 8° 54 | 26° 10 | 8° 38 | 9° 2 | 0° 25 | 22° 52 | 24° 20 | 27° 50 | 27° 44 | 11 | T 11 |
| F 12 | 15 20 56 | 21° 40'12 | 4° 11'25 | 11° 2 | 17° 6 | 19° 31 | 9° 6 | 26° 17 | 8° 38 | 9° 1 | 0° 25 | 22° 49 | 24° 17 | 27° 57 | 27° 42 | 12 | F 12 |
| S 13 | 15 24 52 | 22° 38'01 | 16° 50 | 12° 36 | 18° 20 | 20° 11 | 9° 19 | 26° 23 | 8° 38 | 8° 59 | 0° 25 | 22° 47 | 24° 14 | 28° 3 | 27° 41 | 13 | S 13 |
| S 14 | 15 28 49 | 23° 35'47 | 29° 1 | 14° 6 | 19° 34 | 20° 51 | 9° 31 | 26° 30 | 8° 38 | 8° 58 | 0° 26 | 22° 47 | 24° 11 | 28° 10 | 27° 40 | 14 | S 14 |
| M15 | 15 32 45 | 24° 33'33 | 11° 11'2 | 15° 33 | 20° 48 | 21° 30 | 9° 43 | 26° 37 | 8° 38 | 8° 56 | 0° 26 | 22° 48 | 24° 8 | 28° 17 | 27° 38 | 15 | M15 |
| T 16 | 15 36 42 | 25° 31'17 | 22° 55 | 16° 56 | 22° 1 | 22° 10 | 9° 55 | 26° 45 | 8° 38 | 8° 54 | 0° 27 | 22° 50 | 24° 5 | 28° 23 | 27° 37 | 16 | T 16 |
| W17 | 15 40 39 | 26° 29'01 | 4° 11'45 | 18° 15 | 23° 15 | 22° 50 | 10° 8 | 26° 52 | 8° 38 | 8° 53 | 0° 27 | 22° 52 | 24° 1 | 28° 30 | 27° 36 | 17 | W17 |
| T 18 | 15 44 35 | 27° 26'43 | 16° 37 | 19° 31 | 24° 29 | 23° 29 | 10° 20 | 26° 59 | 8° 38 | 8° 51 | 0° 27 | 22° 53 | 23° 58 | 28° 37 | 27° 35 | 18 | T 18 |
| F 19 | 15 48 32 | 28° 24'24 | 28° 34 | 20° 43 | 25° 43 | 24° 9 | 10° 32 | 27° 6 | 8° 38 | 8° 50 | 0° 28 | 22° 54 | 23° 55 | 28° 43 | 27° 35 | 19 | F 19 |
| S 20 | 15 52 28 | 29° 22'04 | 10° 11'42 | 21° 52 | 26° 56 | 24° 48 | 10° 44 | 27° 13 | 8° 38 | 8° 48 | 0° 28 | 22° 53 | 23° 52 | 28° 50 | 27° 34 | 20 | S 20 |
| S 21 | 15 56 25 | 0° 11'42 | 23° 5 | 22° 56 | 28° 10 | 25° 28 | 10° 55 | 27° 20 | 8° 38 | 8° 47 | 0° 28 | 22° 51 | 23° 49 | 28° 57 | 27° 34 | 21 | S 21 |
| M22 | 16 0 21 | 1° 17'20 | 5° 11'48 | 23° 57 | 29° 24 | 26° 7 | 11° 7 | 27° 28 | 8° 39 | 8° 45 | 0° 29 | 22° 49 | 23° 46 | 29° 3 | 27° 33 | 22 | M22 |
| T 23 | 16 4 18 | 2° 14'57 | 18° 52 | 24° 54 | 0° 11'38 | 26° 47 | 11° 19 | 27° 35 | 8° 39 | 8° 44 | 0° 29 | 22° 46 | 23° 42 | 29° 10 | 27° 33 | 23 | T 23 |
| W24 | 16 8 14 | 3° 12'33 | 2° 11'38 | 25° 46 | 1° 52 | 27° 26 | 11° 30 | 27° 42 | 8° 39 | 8° 42 | 0° 29 | 22° 43 | 23° 39 | 29° 17 | 27° 33 | 24 | W24 |
| T 25 | 16 12 11 | 4° 10'08 | 16° 11 | 26° 35 | 3° 5 | 28° 5 | 11° 42 | 27° 50 | 8° 40 | 8° 41 | 0° 29 | 22° 41 | 23° 36 | 29° 23 | 27° 33 | 25 | T 25 |
| F 26 | 16 16 7 | 5° 7'42 | 0° 11'22 | 27° 19 | 4° 19 | 28° 45 | 11° 53 | 27° 57 | 8° 40 | 8° 39 | 0° 29 | 22° 39 | 23° 33 | 29° 30 | 27° 33 | 26 | F 26 |
| S 27 | 16 20 4 | 6° 5'15 | 14° 49 | 28° 0 | 5° 33 | 29° 24 | 12° 4 | 28° 5 | 8° 41 | 8° 38 | 0° 29 | 22° 38 | 23° 30 | 29° 37 | 27° 33 | 27 | S 27 |
| S 28 | 16 24 1 | 7° 2'47 | 29° 27 | 28° 35 | 6° 47 | 0° 11'3 | 12° 16 | 28° 12 | 8° 41 | 8° 37 | 0° 29 | 22° 38 | 23° 26 | 29° 44 | 27° 33 | 28 | S 28 |
| M29 | 16 27 57 | 8° 0'17 | 14° 11'48 | 29° 7 | 8° 0 | 0° 43 | 12° 27 | 28° 20 | 8° 42 | 8° 35 | 0° 29 | 22° 39 | 23° 23 | 29° 50 | 27° 33 | 29 | M29 |
| T 30 | 16 31 54 | 8° 57'47 | 28° 8 | 29° 34 | 9° 14 | 1° 22 | 12° 38 | 28° 27 | 8° 43 | 8° 34 | 0° 30 | 22° 40 | 23° 20 | 29° 57 | 27° 34 | 30 | T 30 |
| W31 | 16 35 50 | 9° 11'55'15 | 13° 11'18 | 29° 11'56 | 10° 11'28 | 2° 11'3 | 12° 49 | 28° 11'35 | 8° 44 | 8° 33 | 0° 30 | 22° 41 | 23° 17 | 0° 11'4 | 27° 35 | 31 | W31 |

| Day | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|-------|-------|------|-------|------|-------|------|-------|------|------|------|-------|------|------|------|-------|------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat |
| M 1 | 15n 9 | 24n23 | 0n59 | 18n54 | 1n 3 | 11n39 | 1s 8 | 23n 8 | 0n51 | 1n39 | 1s 7 | 22n29 | 0s53 | 9n 3 | 0n48 | 12s51 | 1n51 |
| T 2 | 15 27 | 24 23 | 2 12 | 19 36 | 1 12 | 12 6 | 1 6 | 23 13 | 0 52 | 1 44 | 1 7 | 22 30 | 0 53 | 9 3 | 0 48 | 12 51 | 1 51 |
| W 3 | 15 45 | 22 47 | 3 17 | 20 16 | 1 22 | 12 32 | 1 4 | 23 19 | 0 52 | 1 49 | 1 7 | 22 30 | 0 53 | 9 3 | 0 48 | 12 50 | 1 51 |
| T 4 | 16 3 | 19 47 | 4 10 | 20 53 | 1 31 | 12 58 | 1 3 | 23 24 | 0 52 | 1 54 | 1 8 | 22 31 | 0 53 | 9 3 | 0 48 | 12 50 | 1 51 |
| F 5 | 16 20 | 15 38 | 4 47 | 21 28 | 1 39 | 13 23 | 1 1 | 23 29 | 0 53 | 1 59 | 1 8 | 22 31 | 0 52 | 9 4 | 0 47 | 12 49 | 1 51 |
| S 6 | 16 37 | 10 42 | 5 7 | 22 1 | 1 47 | 13 48 | 0 59 | 23 34 | 0 53 | 2 4 | 1 8 | 22 31 | 0 52 | 9 4 | 0 47 | 12 49 | 1 51 |
| S 7 | 16 53 | 5 16 | 5 9 | 22 31 | 1 54 | 14 13 | 0 57 | 23 38 | 0 53 | 2 9 | 1 8 | 22 32 | 0 52 | 9 4 | 0 47 | 12 48 | 1 51 |
| M 8 | 17 10 | 0s20 | 4 54 | 22 59 | 2 0 | 14 38 | 0 56 | 23 43 | 0 54 | 2 14 | 1 8 | 22 32 | 0 52 | 9 4 | 0 47 | 12 48 | 1 51 |
| T 9 | 17 26 | 5 51 | 4 22 | 23 24 | 2 6 | 15 2 | 0 54 | 23 47 | 0 54 | 2 19 | 1 8 | 22 32 | 0 52 | 9 4 | 0 47 | 12 47 | 1 51 |
| W10 | 17 41 | 11 2 | 3 37 | 23 46 | 2 11 | 15 25 | 0 52 | 23 51 | 0 54 | 2 24 | 1 8 | 22 33 | 0 52 | 9 4 | 0 47 | 12 47 | 1 51 |
| T 11 | 17 57 | 15 37 | 2 42 | 24 6 | 2 15 | 15 49 | 0 50 | 23 55 | 0 55 | 2 29 | 1 8 | 22 33 | 0 52 | 9 4 | 0 47 | 12 46 | 1 51 |
| F 12 | 18 12 | 19 26 | 1 39 | 24 24 | 2 18 | 16 12 | 0 48 | 23 58 | 0 55 | 2 34 | 1 9 | 22 33 | 0 52 | 9 4 | 0 47 | 12 46 | 1 51 |
| S 13 | 18 27 | 22 16 | 0 33 | 24 39 | 2 20 | 16 34 | 0 46 | 24 1 | 0 55 | 2 38 | 1 9 | 22 34 | 0 51 | 9 4 | 0 47 | 12 45 | 1 51 |
| S 14 | 18 42 | 24 2 | 0s34 | 24 52 | 2 22 | 16 56 | 0 44 | 24 5 | 0 56 | 2 43 | 1 9 | 22 34 | 0 51 | 9 4 | 0 47 | 12 45 | 1 51 |
| M15 | 18 56 | 24 39 | 1 39 | 25 3 | 2 23 | 17 18 | 0 42 | 24 8 | 0 56 | 2 48 | 1 9 | 22 34 | 0 51 | 9 4 | 0 47 | 12 44 | 1 51 |
| T 16 | 19 10 | 24 7 | 2 38 | 25 11 | 2 23 | 17 39 | 0 40 | 24 10 | 0 56 | 2 52 | 1 9 | 22 35 | 0 51 | 9 4 | 0 47 | 12 44 | 1 51 |
| W17 | 19 23 | 22 30 | 3 30 | 25 18 | 2 22 | 18 0 | 0 37 | 24 13 | 0 57 | 2 57 | 1 9 | 22 35 | 0 51 | 9 4 | 0 47 | 12 43 | 1 51 |
| T 18 | 19 37 | 19 55 | 4 14 | 25 22 | 2 20 | 18 20 | 0 35 | 24 15 | 0 57 | 3 2 | 1 9 | 22 35 | 0 51 | 9 4 | 0 47 | 12 43 | 1 51 |
| F 19 | 19 50 | 16 28 | 4 47 | 25 25 | 2 17 | 18 40 | 0 33 | 24 17 | 0 57 | 3 6 | 1 10 | 22 35 | 0 51 | 9 4 | 0 47 | 12 42 | 1 51 |
| S 20 | 20 2 | 12 18 | 5 8 | 25 26 | 2 13 | 19 0 | 0 31 | 24 19 | 0 58 | 3 11 | 1 10 | 22 36 | 0 50 | 9 4 | 0 47 | 12 42 | 1 51 |
| S 21 | 20 15 | 7 34 | 5 15 | 25 25 | 2 9 | 19 19 | 0 29 | 24 21 | 0 58 | 3 15 | 1 10 | 22 36 | 0 50 | 9 4 | 0 47 | 12 42 | 1 51 |
| M22 | 20 26 | 2 23 | 5 7 | 25 23 | 2 3 | 19 37 | 0 26 | 24 23 | 0 58 | 3 20 | 1 10 | 22 36 | 0 50 | 9 4 | 0 47 | 12 41 | 1 51 |
| T 23 | 20 38 | 3n 2 | 4 43 | 25 19 | 1 57 | 19 55 | 0 24 | 24 24 | 0 58 | 3 24 | 1 10 | 22 37 | 0 50 | 9 3 | 0 47 | 12 41 | 1 51 |
| W24 | 20 49 | 8 30 | 4 3 | 25 14 | 1 50 | 20 12 | 0 22 | 24 25 | 0 59 | 3 29 | 1 10 | 22 37 | 0 50 | 9 3 | 0 47 | 12 40 | 1 51 |
| T 25 | 21 0 | 13 42 | 3 8 | 25 7 | 1 42 | 20 29 | 0 19 | 24 26 | 0 59 | 3 33 | 1 11 | 22 37 | 0 50 | 9 3 | 0 47 | 12 40 | 1 51 |
| F 26 | 21 11 | 18 18 | 2 0 | 24 59 | 1 33 | 20 45 | 0 17 | 24 27 | 0 59 | 3 37 | 1 11 | 22 37 | 0 50 | 9 3 | 0 47 | 12 39 | 1 51 |
| S 27 | 21 21 | 21 53 | 0 43 | 24 50 | 1 23 | 21 1 | 0 15 | 24 27 | 0 59 | 3 41 | 1 11 | 22 37 | 0 50 | 9 3 | 0 47 | 12 39 | 1 51 |
| S 28 | 21 31 | 24 5 | 0n38 | 24 40 | 1 12 | 21 16 | 0 12 | 24 28 | 1 0 | 3 46 | 1 11 | 22 38 | 0 50 | 9 2 | 0 47 | 12 39 | 1 51 |
| M29 | 21 40 | 24 38 | 1 56 | 24 28 | 1 1 | 21 30 | 0 10 | 24 28 | 1 0 | 3 50 | 1 11 | 22 38 | 0 49 | 9 2 | 0 46 | 12 38 | 1 51 |
| T 30 | 21 49 | 23 29 | 3 7 | 24 16 | 0 48 | 21 44 | 0 8 | 24 28 | 1 0 | 3 54 | 1 11 | 22 38 | 0 49 | 9 2 | 0 46 | 12 38 | 1 51 |
| W31 | 21n58 | 20n45 | 4n 5 | 24n 3 | 0n35 | 21n57 | 0s 5 | 24n27 | 1n 0 | 3n58 | 1s12 | 22n38 | 0s49 | 9n 1 | 0n46 | 12s37 | 1n50 |

Julian Day Number = 2377521.5, Delta T = 19.68 sec
 Ecliptic obliquity = 23°27'57", Nutation = - 0°00'18", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°54'38", Lahiri = 21°01'38"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1797
geocentric

JUNE 1797

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|-----------|-------|--------|--------|-------|-------|--------|------|-------|-------|--------|--------|------|-------|------|
| T 1 | 16 39 47 | 10II52'42 | 27Ω38 | 0Ω14 | 11II42 | 2Ω40 | 12Υ59 | 28II42 | 8♂45 | 8°R31 | 0°R29 | 22II42 | 23II14 | 0≈10 | 27♂35 | T 1 |
| F 2 | 16 43 43 | 11°50'07 | 11♂43 | 0°27 | 12°55 | 3°20 | 13°10 | 28°50 | 8°45 | 8♂30 | 0°R29 | 22°R42 | 23°11 | 0°17 | 27°36 | F 2 |
| S 3 | 16 47 40 | 12°47'31 | 25°32 | 0°36 | 14° 9 | 3°59 | 13°21 | 28°57 | 8°46 | 8°29 | 0°29 | 22°42 | 23° 7 | 0°24 | 27°37 | S 3 |
| S 4 | 16 51 37 | 13°44'54 | 9Ω 5 | 0°R40 | 15°23 | 4°38 | 13°31 | 29° 5 | 8°47 | 8°27 | 0°29 | 22°41 | 23° 4 | 0°30 | 27°38 | S 4 |
| M 5 | 16 55 33 | 14°42'16 | 22°22 | 0°40 | 16°36 | 5°17 | 13°42 | 29°13 | 8°48 | 8°26 | 0°29 | 22°40 | 23° 1 | 0°37 | 27°39 | M 5 |
| T 6 | 16 59 30 | 15°39'37 | 5♂24 | 0°35 | 17°50 | 5°56 | 13°52 | 29°20 | 8°49 | 8°25 | 0°29 | 22°39 | 22°58 | 0°44 | 27°41 | T 6 |
| W 7 | 17 3 26 | 16°36'57 | 18°12 | 0°25 | 19° 4 | 6°35 | 14° 2 | 29°28 | 8°51 | 8°24 | 0°29 | 22°38 | 22°55 | 0°50 | 27°42 | W 7 |
| T 8 | 17 7 23 | 17°34'16 | 0♂47 | 0°12 | 20°18 | 7°14 | 14°12 | 29°36 | 8°52 | 8°23 | 0°29 | 22°38 | 22°52 | 0°57 | 27°44 | T 8 |
| F 9 | 17 11 19 | 18°31'35 | 13° 9 | 29II54 | 21°31 | 7°53 | 14°22 | 29°44 | 8°53 | 8°21 | 0°28 | 22°38 | 22°48 | 1° 4 | 27°45 | F 9 |
| S 10 | 17 15 16 | 19°28'52 | 25°21 | 29°33 | 22°45 | 8°32 | 14°32 | 29°51 | 8°54 | 8°20 | 0°28 | 22°D38 | 22°45 | 1°10 | 27°47 | S 10 |
| S 11 | 17 19 12 | 20°26'09 | 7Ω24 | 29° 9 | 23°59 | 9°11 | 14°41 | 29°59 | 8°56 | 8°19 | 0°28 | 22°38 | 22°42 | 1°17 | 27°49 | S 11 |
| M12 | 17 23 9 | 21°23'26 | 19°20 | 28°42 | 25°12 | 9°50 | 14°51 | 0Ω 7 | 8°57 | 8°18 | 0°28 | 22°38 | 22°39 | 1°24 | 27°51 | M12 |
| T 13 | 17 27 6 | 22°20'42 | 1≈11 | 28°12 | 26°26 | 10°29 | 15° 1 | 0°15 | 8°59 | 8°17 | 0°27 | 22°R38 | 22°36 | 1°30 | 27°53 | T 13 |
| W14 | 17 31 2 | 23°17'57 | 13° 1 | 27°40 | 27°40 | 11° 8 | 15°10 | 0°22 | 9° 0 | 8°16 | 0°27 | 22°38 | 22°32 | 1°37 | 27°55 | W14 |
| T 15 | 17 34 59 | 24°15'12 | 24°52 | 27° 7 | 28°53 | 11°47 | 15°19 | 0°30 | 9° 2 | 8°15 | 0°27 | 22°38 | 22°29 | 1°44 | 27°57 | T 15 |
| F 16 | 17 38 55 | 25°12'27 | 6♂50 | 26°33 | 0Ω 7 | 12°26 | 15°28 | 0°38 | 9° 3 | 8°14 | 0°26 | 22°38 | 22°26 | 1°50 | 28° 0 | F 16 |
| S 17 | 17 42 52 | 26° 9'42 | 18°57 | 25°58 | 1°21 | 13° 4 | 15°37 | 0°46 | 9° 5 | 8°13 | 0°26 | 22°37 | 22°23 | 1°57 | 28° 2 | S 17 |
| S 18 | 17 46 48 | 27° 6'56 | 1Υ18 | 25°24 | 2°35 | 13°43 | 15°46 | 0°54 | 9° 7 | 8°12 | 0°26 | 22°D37 | 22°20 | 2° 4 | 28° 5 | S 18 |
| M19 | 17 50 45 | 28° 4'10 | 13°58 | 24°51 | 3°48 | 14°22 | 15°55 | 1° 1 | 9° 8 | 8°11 | 0°25 | 22°38 | 22°17 | 2°10 | 28° 8 | M19 |
| T 20 | 17 54 41 | 29° 1'24 | 27° 0 | 24°19 | 5° 2 | 15° 1 | 16° 3 | 1° 9 | 9°10 | 8°10 | 0°25 | 22°38 | 22°13 | 2°17 | 28°11 | T 20 |
| W21 | 17 58 38 | 29°58'38 | 10Ω27 | 23°49 | 6°16 | 15°40 | 16°12 | 1°17 | 9°12 | 8° 9 | 0°24 | 22°39 | 22°10 | 2°24 | 28°14 | W21 |
| T 22 | 18 2 35 | 0Ω55'52 | 24°20 | 23°22 | 7°29 | 16°18 | 16°20 | 1°25 | 9°14 | 8° 8 | 0°24 | 22°39 | 22° 7 | 2°30 | 28°17 | T 22 |
| F 23 | 18 6 31 | 1°53'06 | 8II38 | 22°57 | 8°43 | 16°57 | 16°28 | 1°33 | 9°16 | 8° 8 | 0°23 | 22°40 | 22° 4 | 2°37 | 28°20 | F 23 |
| S 24 | 18 10 28 | 2°50'20 | 23°17 | 22°36 | 9°57 | 17°36 | 16°36 | 1°41 | 9°18 | 8° 7 | 0°23 | 22°R40 | 22° 1 | 2°44 | 28°23 | S 24 |
| S 25 | 18 14 24 | 3°47'34 | 8Ω12 | 22°19 | 11°11 | 18°15 | 16°44 | 1°48 | 9°20 | 8° 6 | 0°22 | 22°40 | 21°58 | 2°50 | 28°26 | S 25 |
| M26 | 18 18 21 | 4°44'47 | 23°15 | 22° 5 | 12°24 | 18°53 | 16°52 | 1°56 | 9°22 | 8° 5 | 0°21 | 22°39 | 21°54 | 2°57 | 28°30 | M26 |
| T 27 | 18 22 17 | 5°42'00 | 8Ω16 | 21°56 | 13°38 | 19°32 | 17° 0 | 2° 4 | 9°24 | 8° 5 | 0°21 | 22°38 | 21°51 | 3° 4 | 28°34 | T 27 |
| W28 | 18 26 14 | 6°39'13 | 23° 8 | 21°D52 | 14°52 | 20°11 | 17° 7 | 2°12 | 9°26 | 8° 4 | 0°20 | 22°36 | 21°48 | 3°10 | 28°37 | W28 |
| T 29 | 18 30 10 | 7°36'25 | 7♂44 | 21°52 | 16° 5 | 20°49 | 17°15 | 2°20 | 9°28 | 8° 3 | 0°19 | 22°34 | 21°45 | 3°17 | 28°41 | T 29 |
| F 30 | 18 34 7 | 8Ω33'37 | 21♂59 | 21II57 | 17Ω19 | 21Ω28 | 17Υ22 | 2Ω27 | 9♂30 | 8♂ 3 | 0°R19 | 22II33 | 21II42 | 3≈24 | 28♂45 | F 30 |

| Day | ☉ | ☾ | | ♂ | | ♀ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | |
|------|-------|-------|------|-------|------|-------|------|-------|------|------|------|-------|------|------|------|-------|------|-------|-------|-------|-------|-------|------|------|-----|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat |
| T 1 | 22n 6 | 16n48 | 4n47 | 23n49 | 0n21 | 22n10 | 0s 3 | 24n27 | 1n 1 | 4n 2 | 1s12 | 22n38 | 0s49 | 9n 1 | 0n46 | 12s37 | 1n50 | 22s 8 | 11s36 | 23n16 | 23n18 | 23s10 | 1s44 | 2s56 | |
| F 2 | 22 14 | 11 58 | 5 11 | 23 35 | 0 7 | 22 22 | 0 1 | 24 26 | 1 1 | 4 6 | 1 12 | 22 39 | 0 49 | 9 1 | 0 46 | 12 37 | 1 50 | 22 8 | 11 37 | 23 16 | 23 17 | 23 9 | 1 44 | 2 56 | |
| S 3 | 22 21 | 6 37 | 5 16 | 23 20 | 0s 8 | 22 33 | 0n 2 | 24 25 | 1 1 | 4 10 | 1 12 | 22 39 | 0 49 | 9 0 | 0 46 | 12 36 | 1 50 | 22 8 | 11 37 | 23 16 | 23 17 | 23 8 | 1 44 | 2 55 | |
| S 4 | 22 29 | 1 3 | 5 4 | 23 4 | 0 24 | 22 44 | 0 4 | 24 24 | 1 1 | 4 14 | 1 12 | 22 39 | 0 49 | 9 0 | 0 46 | 12 36 | 1 50 | 22 9 | 11 37 | 23 16 | 23 17 | 23 7 | 1 43 | 2 54 | |
| M 5 | 22 35 | 4s27 | 4 35 | 22 48 | 0 40 | 22 54 | 0 7 | 24 23 | 1 2 | 4 18 | 1 13 | 22 39 | 0 49 | 8 59 | 0 46 | 12 35 | 1 50 | 22 9 | 11 38 | 23 16 | 23 17 | 23 7 | 1 43 | 2 54 | |
| T 6 | 22 42 | 9 41 | 3 53 | 22 31 | 0 57 | 23 3 | 0 9 | 24 22 | 1 2 | 4 21 | 1 13 | 22 39 | 0 49 | 8 59 | 0 46 | 12 35 | 1 50 | 22 9 | 11 38 | 23 16 | 23 17 | 23 6 | 1 43 | 2 53 | |
| W 7 | 22 48 | 14 24 | 3 0 | 22 14 | 1 13 | 23 12 | 0 11 | 24 20 | 1 2 | 4 25 | 1 13 | 22 39 | 0 48 | 8 58 | 0 46 | 12 35 | 1 50 | 22 10 | 11 38 | 23 16 | 23 17 | 23 5 | 1 43 | 2 52 | |
| T 8 | 22 53 | 18 24 | 1 58 | 21 57 | 1 30 | 23 20 | 0 14 | 24 18 | 1 2 | 4 29 | 1 13 | 22 40 | 0 48 | 8 58 | 0 46 | 12 34 | 1 50 | 22 10 | 11 39 | 23 16 | 23 16 | 23 4 | 1 43 | 2 52 | |
| F 9 | 22 58 | 21 32 | 0 52 | 21 40 | 1 48 | 23 28 | 0 16 | 24 16 | 1 2 | 4 33 | 1 13 | 22 40 | 0 48 | 8 57 | 0 46 | 12 34 | 1 50 | 22 10 | 11 39 | 23 16 | 23 16 | 23 3 | 1 43 | 2 51 | |
| S 10 | 23 3 | 23 38 | 0s15 | 21 23 | 2 5 | 23 34 | 0 18 | 24 14 | 1 3 | 4 36 | 1 14 | 22 40 | 0 48 | 8 57 | 0 46 | 12 34 | 1 50 | 22 11 | 11 39 | 23 16 | 23 16 | 23 3 | 1 43 | 2 50 | |
| S 11 | 23 7 | 24 37 | 1 21 | 21 7 | 2 21 | 23 40 | 0 21 | 24 12 | 1 3 | 4 40 | 1 14 | 22 40 | 0 48 | 8 56 | 0 46 | 12 33 | 1 50 | 22 11 | 11 40 | 23 16 | 23 16 | 23 2 | 1 43 | 2 50 | |
| M12 | 23 11 | 24 26 | 2 23 | 20 50 | 2 38 | 23 46 | 0 23 | 24 9 | 1 3 | 4 43 | 1 14 | 22 40 | 0 48 | 8 56 | 0 46 | 12 33 | 1 50 | 22 12 | 11 40 | 23 16 | 23 16 | 23 1 | 1 44 | 2 49 | |
| T 13 | 23 15 | 23 8 | 3 18 | 20 34 | 2 53 | 23 50 | 0 25 | 24 6 | 1 3 | 4 47 | 1 14 | 22 40 | 0 48 | 8 55 | 0 46 | 12 33 | 1 50 | 22 12 | 11 40 | 23 16 | 23 16 | 23 0 | 1 44 | 2 48 | |
| W14 | 23 18 | 20 50 | 4 5 | 20 18 | 3 9 | 23 54 | 0 28 | 24 3 | 1 3 | 4 50 | 1 14 | 22 40 | 0 48 | 8 55 | 0 46 | 12 32 | 1 50 | 22 12 | 11 41 | 23 16 | 23 15 | 22 59 | 1 44 | 2 48 | |
| T 15 | 23 20 | 17 39 | 4 41 | 20 3 | 3 23 | 23 58 | 0 30 | 24 0 | 1 4 | 4 54 | 1 15 | 22 40 | 0 48 | 8 54 | 0 46 | 12 32 | 1 50 | 22 13 | 11 41 | 23 16 | 23 15 | 22 58 | 1 44 | 2 47 | |
| F 16 | 23 23 | 13 44 | 5 5 | 19 49 | 3 36 | 24 0 | 0 32 | 23 57 | 1 4 | 4 57 | 1 15 | 22 40 | 0 48 | 8 53 | 0 46 | 12 32 | 1 50 | 22 13 | 11 41 | 23 16 | 23 15 | 22 58 | 1 45 | 2 46 | |
| S 17 | 23 25 | 9 14 | 5 17 | 19 36 | 3 48 | 24 2 | 0 34 | 23 53 | 1 4 | 5 0 | 1 15 | 22 40 | 0 48 | 8 53 | 0 46 | 12 32 | 1 50 | 22 14 | 11 42 | 23 16 | 23 15 | 22 57 | 1 45 | 2 46 | |
| S 18 | 23 26 | 4 16 | 5 14 | 19 24 | 3 59 | 24 3 | 0 37 | 23 49 | 1 4 | 5 3 | 1 15 | 22 40 | 0 47 | 8 52 | 0 46 | 12 31 | 1 50 | 22 14 | 11 42 | 23 16 | 23 15 | 22 56 | 1 46 | 2 45 | |
| M19 | 23 27 | 0n58 | 4 56 | 19 13 | 4 9 | 24 3 | 0 39 | 23 45 | 1 4 | 5 6 | 1 15 | 22 40 | 0 47 | 8 51 | 0 46 | 12 31 | 1 50 | 22 15 | 11 42 | 23 16 | 23 14 | 22 55 | 1 46 | 2 44 | |
| T 20 | 23 28 | 6 20 | 4 22 | 19 3 | 4 17 | 24 3 | 0 41 | 23 41 | 1 5 | 5 10 | 1 16 | 22 40 | 0 47 | 8 51 | 0 46 | 12 31 | 1 50 | 22 15 | 11 42 | 23 16 | 23 14 | 22 54 | 1 47 | 2 44 | |
| W21 | 23 28 | 11 36 | 3 33 | 18 55 | 4 24 | 24 2 | 0 43 | 23 37 | 1 5 | 5 13 | 1 16 | 22 40 | 0 47 | 8 50 | 0 46 | 12 31 | 1 50 | 22 16 | 11 43 | 23 16 | 23 14 | 22 53 | 1 47 | 2 43 | |
| T 22 | 23 28 | 16 26 | 2 31 | 18 49 | 4 30 | 24 0 | 0 45 | 23 32 | 1 5 | 5 16 | 1 16 | 22 40 | 0 47 | 8 49 | 0 45 | 12 30 | 1 50 | 22 16 | 11 43 | 23 16 | 23 14 | 22 52 | 1 48 | 2 43 | |
| F 23 | 23 27 | 20 30 | 1 17 | 18 43 | 4 34 | 23 58 | 0 47 | 23 28 | 1 5 | 5 19 | 1 16 | 22 40 | 0 47 | 8 48 | 0 45 | 12 30 | 1 50 | 22 17 | 11 43 | 23 16 | 23 14 | 22 51 | 1 49 | 2 42 | |
| S 24 | 23 26 | 23 21 | 0n 3 | 18 40 | 4 36 | 23 55 | 0 49 | 23 23 | 1 5 | 5 21 | 1 17 | 22 40 | 0 47 | 8 48 | 0 45 | 12 30 | 1 49 | 22 17 | 11 44 | 23 16 | 23 13 | 22 51 | 1 49 | 2 41 | |
| S 25 | 23 25 | 24 38 | 1 25 | 18 38 | 4 37 | 23 51 | 0 51 | 23 18 | 1 5 | 5 24 | 1 17 | 22 40 | 0 47 | 8 47 | 0 45 | 12 30 | 1 49 | 22 17 | 11 44 | 23 16 | 23 13 | 22 50 | 1 50 | 2 41 | |
| M26 | 23 23 | 24 7 | 2 41 | 18 37 | 4 37 | 23 46 | 0 53 | 23 13 | 1 5 | 5 27 | 1 17 | 22 40 | 0 47 | 8 46 | 0 45 | 12 30 | 1 49 | 22 18 | 11 44 | 23 16 | 23 13 | 22 49 | 1 51 | 2 40 | |
| T 27 | 23 21 | 21 52 | 3 46 | 18 39 | 4 35 | 23 41 | 0 55 | 23 7 | 1 6 | 5 30 | 1 17 | 22 40 | 0 47 | 8 45 | 0 45 | 12 29 | 1 49 | 22 18 | 11 45 | 23 16 | 23 13 | 22 48 | 1 52 | 2 39 | |
| W28 | 23 18 | 18 9 | 4 35 | 18 42 | 4 32 | 23 35 | 0 57 | 23 2 | 1 6 | 5 32 | 1 17 | 22 40 | 0 47 | 8 44 | 0 45 | 12 29 | 1 49 | 22 19 | 11 45 | 23 16 | 23 13 | 22 47 | 1 53 | 2 39 | |
| T 29 | 23 15 | 13 24 | 5 6 | 18 46 | 4 28 | 23 28 | 0 59 | 22 56 | 1 6 | 5 35 | 1 18 | 22 40 | 0 47 | 8 44 | 0 45 | 12 29 | 1 49 | 22 20 | 11 45 | 23 15 | 23 13 | 22 46 | 1 54 | 2 38 | |
| F 30 | 23n11 | 8n 1 | 5n16 | 18n52 | 4s22 | 23n21 | 1n 1 | 22n50 | 1n 6 | 5n37 | 1s18 | 22n40 | 0s46 | 8n43 | 0n45 | 12s29 | 1n49 | 22s20 | 11s45 | 23n15 | 23n12 | 22s45 | 1s55 | 2s38 | |

ASTRODIENST EPHEMERIS for the year 1797

geocentric

JULY 1797

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|-----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|----------------------|---------------------|----------------------|---------------------|---------------------|---------------------|----------------------|------|
| S 1 | 18 38 4 | 9 ⁵³ 30'49 | 5 ⁵¹ | 22 ^{II} 7 | 18 ⁵³ 33 | 22 ⁵ 7 | 17 ^{VI} 29 | 2 ⁵³ 35 | 9 ^{III} 33 | 8°R 2 | 0°R18 | 22°D33 | 21 ^{II} 38 | 3 ³³ 31 | 28 ^{III} 49 | S 1 |
| S 2 | 18 42 0 | 10°28'00 | 19°19 | 22°23 | 19°47 | 22°45 | 17°36 | 2°43 | 9°35 | 8 ^{III} 1 | 0°H17 | 22 ^{II} 33 | 21°35 | 3°37 | 28°53 | S 2 |
| M 3 | 18 45 57 | 11°25'12 | 2 ^{III} 26 | 22°43 | 21° 0 | 23°24 | 17°42 | 2°51 | 9°37 | 8° 1 | 0°17 | 22°34 | 21°32 | 3°44 | 28°57 | M 3 |
| T 4 | 18 49 53 | 12°22'23 | 15°14 | 23° 8 | 22°14 | 24° 2 | 17°49 | 2°59 | 9°40 | 8° 0 | 0°16 | 22°35 | 21°29 | 3°51 | 29° 1 | T 4 |
| W 5 | 18 53 50 | 13°19'33 | 27°46 | 23°38 | 23°28 | 24°41 | 17°55 | 3° 6 | 9°42 | 8° 0 | 0°15 | 22°36 | 21°26 | 3°57 | 29° 6 | W 5 |
| T 6 | 18 57 46 | 14°16'44 | 10 ^{VI} 5 | 24°14 | 24°41 | 25°20 | 18° 2 | 3°14 | 9°45 | 8° 0 | 0°14 | 22°38 | 21°23 | 4° 4 | 29°10 | T 6 |
| F 7 | 19 1 43 | 15°13'55 | 22°13 | 24°54 | 25°55 | 25°58 | 18° 8 | 3°22 | 9°47 | 7°59 | 0°13 | 22°R38 | 21°19 | 4°11 | 29°15 | F 7 |
| S 8 | 19 5 39 | 16°11'06 | 4 ^{III} 13 | 25°40 | 27° 9 | 26°37 | 18°14 | 3°29 | 9°50 | 7°59 | 0°13 | 22°38 | 21°16 | 4°17 | 29°19 | S 8 |
| S 9 | 19 9 36 | 17° 8'17 | 16° 8 | 26°30 | 28°22 | 27°15 | 18°20 | 3°37 | 9°52 | 7°58 | 0°12 | 22°36 | 21°13 | 4°24 | 29°24 | S 9 |
| M10 | 19 13 33 | 18° 5'29 | 28° 0 | 27°25 | 29°36 | 27°54 | 18°25 | 3°45 | 9°55 | 7°58 | 0°11 | 22°33 | 21°10 | 4°31 | 29°29 | M10 |
| T 11 | 19 17 29 | 19° 2'40 | 9 ^{III} 50 | 28°25 | 0 ^{II} 50 | 28°32 | 18°31 | 3°52 | 9°58 | 7°58 | 0°10 | 22°29 | 21° 7 | 4°37 | 29°34 | T 11 |
| W12 | 19 21 26 | 19°59'53 | 21°41 | 29°29 | 2° 3 | 29°10 | 18°36 | 4° 0 | 10° 0 | 7°58 | 0° 9 | 22°25 | 21° 4 | 4°44 | 29°39 | W12 |
| T 13 | 19 25 22 | 20°57'05 | 3 ^{III} 34 | 0 ^{III} 39 | 3°17 | 29°49 | 18°41 | 4° 8 | 10° 3 | 7°57 | 0° 8 | 22°20 | 21° 0 | 4°51 | 29°44 | T 13 |
| F 14 | 19 29 19 | 21°54'18 | 15°34 | 1°53 | 4°31 | 0 ^{II} 27 | 18°46 | 4°15 | 10° 6 | 7°57 | 0° 7 | 22°15 | 20°57 | 4°57 | 29°49 | F 14 |
| S 15 | 19 33 15 | 22°51'32 | 27°42 | 3°11 | 5°45 | 1° 6 | 18°51 | 4°23 | 10° 9 | 7°57 | 0° 6 | 22°12 | 20°54 | 5° 4 | 29°55 | S 15 |
| S 16 | 19 37 12 | 23°48'46 | 10 ^{VI} 3 | 4°34 | 6°58 | 1°44 | 18°55 | 4°30 | 10°12 | 7°57 | 0° 5 | 22°10 | 20°51 | 5°11 | 29°59 | S 16 |
| M17 | 19 41 8 | 24°46'01 | 22°40 | 6° 1 | 8°12 | 2°23 | 19° 0 | 4°38 | 10°14 | 7°57 | 0° 4 | 22°D 9 | 20°48 | 5°17 | 0 ^{II} 5 | M17 |
| T 18 | 19 45 5 | 25°43'17 | 5 ^{III} 37 | 7°32 | 9°26 | 3° 1 | 19° 4 | 4°45 | 10°17 | 7°57 | 0° 3 | 22° 9 | 20°44 | 5°24 | 0°11 | T 18 |
| W19 | 19 49 2 | 26°40'34 | 18°57 | 9° 8 | 10°39 | 3°39 | 19° 8 | 4°53 | 10°20 | 7°57 | 0° 2 | 22°10 | 20°41 | 5°31 | 0°16 | W19 |
| T 20 | 19 52 58 | 27°37'52 | 2 ^{II} 43 | 10°47 | 11°53 | 4°18 | 19°12 | 5° 0 | 10°23 | 7°D57 | 0° 1 | 22°12 | 20°38 | 5°37 | 0°22 | T 20 |
| F 21 | 19 56 55 | 28°35'10 | 16°56 | 12°30 | 13° 7 | 4°56 | 19°16 | 5° 8 | 10°26 | 7°57 | 0° 0 | 22°R13 | 20°35 | 5°44 | 0°28 | F 21 |
| S 22 | 20 0 51 | 29°32'30 | 1 ^{III} 34 | 14°17 | 14°20 | 5°34 | 19°19 | 5°15 | 10°29 | 7°57 | 29 ^{III} 59 | 22°13 | 20°32 | 5°51 | 0°34 | S 22 |
| S 23 | 20 4 48 | 0 ^{II} 29'50 | 16°33 | 16° 7 | 15°34 | 6°13 | 19°23 | 5°23 | 10°32 | 7°57 | 29°58 | 22°11 | 20°29 | 5°58 | 0°40 | S 23 |
| M24 | 20 8 44 | 1°27'12 | 1 ^{II} 45 | 17°59 | 16°48 | 6°51 | 19°26 | 5°30 | 10°36 | 7°57 | 29°57 | 22° 7 | 20°25 | 6° 4 | 0°46 | M24 |
| T 25 | 20 12 41 | 2°24'34 | 17° 0 | 19°55 | 18° 1 | 7°29 | 19°29 | 5°37 | 10°39 | 7°57 | 29°56 | 22° 2 | 20°22 | 6°11 | 0°52 | T 25 |
| W26 | 20 16 38 | 3°21'56 | 2 ^{III} 7 | 21°53 | 19°15 | 8° 8 | 19°32 | 5°44 | 10°42 | 7°57 | 29°55 | 21°56 | 20°19 | 6°18 | 0°58 | W26 |
| T 27 | 20 20 34 | 4°19'19 | 16°58 | 23°52 | 20°29 | 8°46 | 19°34 | 5°52 | 10°45 | 7°58 | 29°53 | 21°50 | 20°16 | 6°24 | 1° 4 | T 27 |
| F 28 | 20 24 31 | 5°16'43 | 1 ^{II} 26 | 25°54 | 21°42 | 9°24 | 19°36 | 5°59 | 10°48 | 7°58 | 29°52 | 21°45 | 20°13 | 6°31 | 1°11 | F 28 |
| S 29 | 20 28 27 | 6°14'07 | 15°26 | 27°57 | 22°56 | 10° 3 | 19°39 | 6° 6 | 10°52 | 7°58 | 29°51 | 21°41 | 20°10 | 6°38 | 1°17 | S 29 |
| S 30 | 20 32 24 | 7°11'32 | 28°57 | 0 ^{II} 1 | 24°10 | 10°41 | 19°41 | 6°13 | 10°55 | 7°58 | 29°50 | 21°39 | 20° 6 | 6°44 | 1°23 | S 30 |
| M31 | 20 36 20 | 8 ^{II} 8'57 | 12 ^{III} 3 | 2 ^{II} 5 | 25 ^{II} 23 | 11 ^{II} 19 | 19°V43 | 6°20 | 10 ^{III} 58 | 7 ^{III} 59 | 29 ^{III} 49 | 21°D39 | 20 ^{II} 3 | 6 ^{III} 51 | 1 ^{II} 30 | M31 |

| Day | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|-------|-------|------|-------|------|-------|------|-------|------|------|------|-------|------|------|------|-------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | lat |
| S 1 | 23n 7 | 2n23 | 5n 8 | 18n59 | 4s16 | 23n13 | 1n 2 | 22n44 | 1n 6 | 5n40 | 1s18 | 22n40 | 0s46 | 8n42 | 0n45 | 12s29 |
| S 2 | 23 3 | 3s13 | 4 42 | 19 7 | 4 8 | 23 4 | 1 4 | 22 38 | 1 6 | 5 42 | 1 18 | 22 40 | 0 46 | 8 41 | 0 45 | 12 29 |
| M 3 | 22 58 | 8 32 | 4 3 | 19 17 | 4 0 | 22 54 | 1 6 | 22 32 | 1 6 | 5 45 | 1 19 | 22 40 | 0 46 | 8 40 | 0 45 | 12 29 |
| T 4 | 22 53 | 13 22 | 3 12 | 19 27 | 3 50 | 22 44 | 1 7 | 22 25 | 1 7 | 5 47 | 1 19 | 22 40 | 0 46 | 8 39 | 0 45 | 12 28 |
| W 5 | 22 48 | 17 31 | 2 13 | 19 39 | 3 40 | 22 33 | 1 9 | 22 18 | 1 7 | 5 49 | 1 19 | 22 40 | 0 46 | 8 38 | 0 45 | 12 28 |
| T 6 | 22 42 | 20 51 | 1 9 | 19 51 | 3 29 | 22 22 | 1 10 | 22 11 | 1 7 | 5 51 | 1 19 | 22 40 | 0 46 | 8 37 | 0 45 | 12 28 |
| F 7 | 22 36 | 23 12 | 0 2 | 20 4 | 3 18 | 22 10 | 1 12 | 22 4 | 1 7 | 5 53 | 1 20 | 22 39 | 0 46 | 8 36 | 0 45 | 12 28 |
| S 8 | 22 29 | 24 27 | 1s 3 | 20 18 | 3 6 | 21 57 | 1 13 | 21 57 | 1 7 | 5 55 | 1 20 | 22 39 | 0 46 | 8 35 | 0 45 | 12 28 |
| S 9 | 22 22 | 24 34 | 2 6 | 20 31 | 2 54 | 21 44 | 1 15 | 21 50 | 1 7 | 5 57 | 1 20 | 22 39 | 0 46 | 8 34 | 0 45 | 12 28 |
| M10 | 22 15 | 23 34 | 3 2 | 20 46 | 2 41 | 21 30 | 1 16 | 21 42 | 1 7 | 5 59 | 1 20 | 22 39 | 0 46 | 8 33 | 0 45 | 12 28 |
| T 11 | 22 7 | 21 30 | 3 51 | 21 0 | 2 28 | 21 15 | 1 17 | 21 35 | 1 7 | 6 1 | 1 21 | 22 39 | 0 46 | 8 32 | 0 45 | 12 28 |
| W12 | 21 58 | 18 32 | 4 29 | 21 13 | 2 14 | 21 0 | 1 19 | 21 27 | 1 7 | 6 3 | 1 21 | 22 39 | 0 46 | 8 31 | 0 45 | 12 28 |
| T 13 | 21 50 | 14 48 | 4 56 | 21 27 | 2 1 | 20 44 | 1 20 | 21 19 | 1 7 | 6 5 | 1 21 | 22 39 | 0 46 | 8 30 | 0 45 | 12 28 |
| F 14 | 21 41 | 10 28 | 5 10 | 21 40 | 1 47 | 20 28 | 1 21 | 21 11 | 1 8 | 6 6 | 1 21 | 22 38 | 0 46 | 8 29 | 0 45 | 12 28 |
| S 15 | 21 32 | 5 40 | 5 11 | 21 52 | 1 33 | 20 11 | 1 22 | 21 2 | 1 8 | 6 8 | 1 22 | 22 38 | 0 45 | 8 28 | 0 45 | 12 28 |
| S 16 | 21 22 | 0 35 | 4 58 | 22 4 | 1 19 | 19 53 | 1 23 | 20 54 | 1 8 | 6 9 | 1 22 | 22 38 | 0 45 | 8 27 | 0 45 | 12 28 |
| M17 | 21 12 | 4n39 | 4 30 | 22 14 | 1 6 | 19 35 | 1 24 | 20 45 | 1 8 | 6 11 | 1 22 | 22 38 | 0 45 | 8 26 | 0 45 | 12 28 |
| T 18 | 21 1 | 9 50 | 3 47 | 22 23 | 0 52 | 19 16 | 1 25 | 20 36 | 1 8 | 6 12 | 1 23 | 22 38 | 0 45 | 8 24 | 0 45 | 12 28 |
| W19 | 20 51 | 14 44 | 2 52 | 22 31 | 0 39 | 18 57 | 1 25 | 20 28 | 1 8 | 6 13 | 1 23 | 22 37 | 0 45 | 8 23 | 0 45 | 12 28 |
| T 20 | 20 39 | 19 1 | 1 44 | 22 36 | 0 25 | 18 37 | 1 26 | 20 19 | 1 8 | 6 15 | 1 23 | 22 37 | 0 45 | 8 22 | 0 45 | 12 28 |
| F 21 | 20 28 | 22 21 | 0 29 | 22 40 | 0 13 | 18 17 | 1 27 | 20 9 | 1 8 | 6 16 | 1 23 | 22 37 | 0 45 | 8 21 | 0 45 | 12 28 |
| S 22 | 20 16 | 24 18 | 0n51 | 22 42 | 0 0 | 17 56 | 1 27 | 20 0 | 1 8 | 6 17 | 1 24 | 22 37 | 0 45 | 8 20 | 0 45 | 12 28 |
| S 23 | 20 4 | 24 34 | 2 9 | 22 41 | 0n12 | 17 35 | 1 28 | 19 51 | 1 8 | 6 18 | 1 24 | 22 36 | 0 45 | 8 19 | 0 45 | 12 28 |
| M24 | 19 52 | 23 1 | 3 18 | 22 38 | 0 23 | 17 13 | 1 28 | 19 41 | 1 8 | 6 19 | 1 24 | 22 36 | 0 45 | 8 17 | 0 44 | 12 28 |
| T 25 | 19 39 | 19 47 | 4 14 | 22 33 | 0 34 | 16 51 | 1 29 | 19 31 | 1 8 | 6 20 | 1 24 | 22 36 | 0 45 | 8 16 | 0 44 | 12 29 |
| W26 | 19 26 | 15 15 | 4 51 | 22 25 | 0 44 | 16 29 | 1 29 | 19 21 | 1 8 | 6 20 | 1 25 | 22 36 | 0 45 | 8 15 | 0 44 | 12 29 |
| T 27 | 19 12 | 9 53 | 5 8 | 22 14 | 0 54 | 16 6 | 1 29 | 19 11 | 1 9 | 6 21 | 1 25 | 22 35 | 0 45 | 8 14 | 0 44 | 12 29 |
| F 28 | 18 58 | 4 6 | 5 5 | 22 1 | 1 3 | 15 42 | 1 30 | 19 1 | 1 9 | 6 22 | 1 25 | 22 35 | 0 45 | 8 12 | 0 44 | 12 29 |
| S 29 | 18 44 | 1s43 | 4 43 | 21 45 | 1 10 | 15 18 | 1 30 | 18 51 | 1 9 | 6 22 | 1 26 | 22 35 | 0 45 | 8 11 | 0 44 | 12 29 |
| S 30 | 18 30 | 7 16 | 4 7 | 21 26 | 1 18 | 14 54 | 1 30 | 18 41 | 1 9 | 6 23 | 1 26 | 22 35 | 0 45 | 8 10 | 0 44 | 12 29 |
| M31 | 18n15 | 12s20 | 3n18 | 21n 5 | 1n24 | 14n29 | 1n30 | 18n30 | 1n 9 | 6n23 | 1s26 | 22n34 | 0s45 | 8n 9 | 0n44 | 12s29 |

Julian Day Number = 2377582.5, Delta T = 19.62 sec
 Ecliptic obliquity = 23°27'57, Nutation = -0°00'16, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 21°54'46, Lahiri = 21°01'47Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1797
geocentric

AUGUST 1797

00:00 UT

| Day | Sid.t | ☉ | ☾ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|----------|-------|-------|-------|-------|--------|------|-------|------|--------|--------|-------|--------|-------|------|
| T 1 | 20 40 17 | 9♌ 6'23 | 24♍45 | 4♌10 | 26♌37 | 11♌58 | 19♍44 | 6♌27 | 11♍ 1 | 7♍59 | 29°R48 | 21♍40 | 20♍ 0 | 6♌58 | 1♌37 | T 1 |
| W 2 | 20 44 13 | 10° 3'50 | 7♌ 9 | 6°15 | 27°51 | 12°36 | 19°46 | 6°34 | 11° 5 | 8° 0 | 29°R46 | 21°41 | 19°57 | 7° 4 | 1°43 | W 2 |
| T 3 | 20 48 10 | 11° 1'18 | 19°18 | 8°20 | 29° 4 | 13°14 | 19°47 | 6°41 | 11° 8 | 8° 0 | 29°45 | 21°R42 | 19°54 | 7°11 | 1°50 | T 3 |
| F 4 | 20 52 7 | 11°58'46 | 1♌18 | 10°24 | 0♍18 | 13°52 | 19°48 | 6°48 | 11°12 | 8° 1 | 29°44 | 21°42 | 19°50 | 7°18 | 1°57 | F 4 |
| S 5 | 20 56 3 | 12°56'16 | 13°11 | 12°28 | 1°32 | 14°31 | 19°49 | 6°55 | 11°15 | 8° 1 | 29°43 | 21°39 | 19°47 | 7°24 | 2° 4 | S 5 |
| S 6 | 21 0 0 | 13°53'46 | 25° 1 | 14°31 | 2°45 | 15° 9 | 19°49 | 7° 2 | 11°18 | 8° 2 | 29°42 | 21°35 | 19°44 | 7°31 | 2°11 | S 6 |
| M 7 | 21 3 56 | 14°51'18 | 6♌51 | 16°33 | 3°59 | 15°47 | 19°50 | 7° 9 | 11°22 | 8° 2 | 29°40 | 21°28 | 19°41 | 7°38 | 2°18 | M 7 |
| T 8 | 21 7 53 | 15°48'50 | 18°43 | 18°34 | 5°12 | 16°25 | 19°50 | 7°15 | 11°25 | 8° 3 | 29°39 | 21°19 | 19°38 | 7°45 | 2°25 | T 8 |
| W 9 | 21 11 49 | 16°46'24 | 0♌37 | 20°34 | 6°26 | 17° 4 | 19°R50 | 7°22 | 11°29 | 8° 3 | 29°38 | 21° 9 | 19°35 | 7°51 | 2°32 | W 9 |
| T 10 | 21 15 46 | 17°43'58 | 12°37 | 22°32 | 7°40 | 17°42 | 19°50 | 7°29 | 11°32 | 8° 4 | 29°37 | 20°58 | 19°31 | 7°58 | 2°39 | T 10 |
| F 11 | 21 19 42 | 18°41'35 | 24°43 | 24°30 | 8°53 | 18°20 | 19°50 | 7°35 | 11°36 | 8° 5 | 29°35 | 20°48 | 19°28 | 8° 5 | 2°46 | F 11 |
| S 12 | 21 23 39 | 19°39'12 | 6♍58 | 26°26 | 10° 7 | 18°58 | 19°49 | 7°42 | 11°39 | 8° 6 | 29°34 | 20°39 | 19°25 | 8°11 | 2°53 | S 12 |
| S 13 | 21 27 36 | 20°36'51 | 19°23 | 28°20 | 11°20 | 19°36 | 19°48 | 7°48 | 11°43 | 8° 6 | 29°33 | 20°33 | 19°22 | 8°18 | 3° 1 | S 13 |
| M14 | 21 31 32 | 21°34'32 | 2♌ 1 | 0♍13 | 12°34 | 20°15 | 19°47 | 7°55 | 11°47 | 8° 7 | 29°32 | 20°29 | 19°19 | 8°25 | 3° 8 | M14 |
| T 15 | 21 35 29 | 22°32'14 | 14°56 | 2° 5 | 13°47 | 20°53 | 19°46 | 8° 1 | 11°50 | 8° 8 | 29°30 | 20°27 | 19°16 | 8°31 | 3°16 | T 15 |
| W16 | 21 39 25 | 23°29'58 | 28°11 | 3°55 | 15° 1 | 21°31 | 19°45 | 8° 7 | 11°54 | 8° 9 | 29°29 | 20°D27 | 19°12 | 8°38 | 3°23 | W16 |
| T 17 | 21 43 22 | 24°27'43 | 11♍48 | 5°44 | 16°14 | 22° 9 | 19°43 | 8°13 | 11°57 | 8°10 | 29°28 | 20°27 | 19° 9 | 8°45 | 3°31 | T 17 |
| F 18 | 21 47 18 | 25°25'31 | 25°50 | 7°31 | 17°28 | 22°47 | 19°42 | 8°20 | 12° 1 | 8°11 | 29°26 | 20°R27 | 19° 6 | 8°51 | 3°38 | F 18 |
| S 19 | 21 51 15 | 26°23'20 | 10♌16 | 9°18 | 18°41 | 23°26 | 19°40 | 8°26 | 12° 5 | 8°12 | 29°25 | 20°26 | 19° 3 | 8°58 | 3°46 | S 19 |
| S 20 | 21 55 11 | 27°21'10 | 25° 5 | 11° 2 | 19°55 | 24° 4 | 19°38 | 8°32 | 12° 8 | 8°13 | 29°24 | 20°22 | 19° 0 | 9° 5 | 3°54 | S 20 |
| M21 | 21 59 8 | 28°19'03 | 10♌10 | 12°46 | 21° 8 | 24°42 | 19°35 | 8°38 | 12°12 | 8°14 | 29°23 | 20°16 | 18°56 | 9°12 | 4° 1 | M21 |
| T 22 | 22 3 5 | 29°16'57 | 25°22 | 14°28 | 22°22 | 25°20 | 19°33 | 8°44 | 12°16 | 8°15 | 29°21 | 20° 7 | 18°53 | 9°18 | 4° 9 | T 22 |
| W23 | 22 7 1 | 0♍14'52 | 10♍32 | 16° 8 | 23°35 | 25°58 | 19°30 | 8°50 | 12°20 | 8°16 | 29°20 | 19°57 | 18°50 | 9°25 | 4°17 | W23 |
| T 24 | 22 10 58 | 1°12'49 | 25°29 | 17°48 | 24°49 | 26°37 | 19°27 | 8°55 | 12°23 | 8°17 | 29°19 | 19°47 | 18°47 | 9°32 | 4°25 | T 24 |
| F 25 | 22 14 54 | 2°10'47 | 10♌ 4 | 19°26 | 26° 2 | 27°15 | 19°24 | 9° 1 | 12°27 | 8°18 | 29°17 | 19°38 | 18°44 | 9°38 | 4°33 | F 25 |
| S 26 | 22 18 51 | 3° 8'47 | 24°11 | 21° 2 | 27°16 | 27°53 | 19°21 | 9° 7 | 12°31 | 8°19 | 29°16 | 19°31 | 18°41 | 9°45 | 4°41 | S 26 |
| S 27 | 22 22 47 | 4° 6'48 | 7♍49 | 22°38 | 28°29 | 28°31 | 19°17 | 9°13 | 12°34 | 8°20 | 29°15 | 19°26 | 18°37 | 9°52 | 4°49 | S 27 |
| M28 | 22 26 44 | 5° 4'50 | 20°58 | 24°12 | 29°43 | 29° 9 | 19°14 | 9°18 | 12°38 | 8°21 | 29°14 | 19°23 | 18°34 | 9°58 | 4°57 | M28 |
| T 29 | 22 30 40 | 6° 2'54 | 3♌41 | 25°45 | 0♌56 | 29°48 | 19°10 | 9°24 | 12°42 | 8°23 | 29°12 | 19°D23 | 18°31 | 10° 5 | 5° 5 | T 29 |
| W30 | 22 34 37 | 7° 0'59 | 16° 4 | 27°16 | 2° 9 | 0♍26 | 19° 6 | 9°29 | 12°46 | 8°24 | 29°11 | 19°R23 | 18°28 | 10°12 | 5°13 | W30 |
| T 31 | 22 38 33 | 7♍59'06 | 28♌10 | 28♍47 | 3♌23 | 1♍ 4 | 19° 2 | 9°34 | 12♍49 | 8♍25 | 29°R10 | 19♍23 | 18♍25 | 10°R18 | 5°R21 | T 31 |

| Day | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | decl | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat |
| T 1 | 18n 0 | 16s42 | 2n20 | 20n41 | 1n29 | 14n 4 | 1n30 | 18n19 | 1n 9 | 6n24 | 1s26 | 22n34 | 0s45 | 8n 7 | 0n44 | 12s30 | 1n47 |
| W 2 | 17 45 | 20 15 | 1 18 | 20 15 | 1 34 | 13 38 | 1 30 | 18 9 | 1 9 | 6 24 | 1 27 | 22 34 | 0 45 | 8 6 | 0 44 | 12 30 | 1 47 |
| T 3 | 17 29 | 22 49 | 0 13 | 19 47 | 1 38 | 13 12 | 1 29 | 17 58 | 1 9 | 6 24 | 1 27 | 22 33 | 0 44 | 8 5 | 0 44 | 12 30 | 1 47 |
| F 4 | 17 13 | 24 19 | 0s52 | 19 16 | 1 41 | 12 46 | 1 29 | 17 47 | 1 9 | 6 24 | 1 27 | 22 33 | 0 44 | 8 3 | 0 44 | 12 30 | 1 47 |
| S 5 | 16 57 | 24 41 | 1 53 | 18 44 | 1 43 | 12 20 | 1 29 | 17 36 | 1 9 | 6 24 | 1 27 | 22 33 | 0 44 | 8 2 | 0 44 | 12 30 | 1 47 |
| S 6 | 16 41 | 23 55 | 2 49 | 18 10 | 1 45 | 11 53 | 1 28 | 17 24 | 1 9 | 6 24 | 1 28 | 22 32 | 0 44 | 8 1 | 0 44 | 12 31 | 1 47 |
| M 7 | 16 24 | 22 6 | 3 38 | 17 34 | 1 46 | 11 26 | 1 28 | 17 13 | 1 9 | 6 24 | 1 28 | 22 32 | 0 44 | 8 0 | 0 44 | 12 31 | 1 47 |
| T 8 | 16 7 | 19 18 | 4 17 | 16 57 | 1 46 | 10 58 | 1 27 | 17 2 | 1 9 | 6 24 | 1 28 | 22 32 | 0 44 | 7 58 | 0 44 | 12 31 | 1 47 |
| W 9 | 15 50 | 15 43 | 4 45 | 16 19 | 1 45 | 10 30 | 1 27 | 16 50 | 1 9 | 6 24 | 1 29 | 22 31 | 0 44 | 7 57 | 0 44 | 12 31 | 1 47 |
| T 10 | 15 32 | 11 28 | 5 1 | 15 40 | 1 44 | 10 2 | 1 26 | 16 38 | 1 9 | 6 24 | 1 29 | 22 31 | 0 44 | 7 55 | 0 44 | 12 32 | 1 47 |
| F 11 | 15 14 | 6 45 | 5 4 | 14 59 | 1 43 | 9 34 | 1 25 | 16 27 | 1 9 | 6 23 | 1 29 | 22 31 | 0 44 | 7 54 | 0 44 | 12 32 | 1 47 |
| S 12 | 14 56 | 1 43 | 4 52 | 14 18 | 1 40 | 9 5 | 1 25 | 16 15 | 1 9 | 6 23 | 1 29 | 22 30 | 0 44 | 7 53 | 0 44 | 12 32 | 1 47 |
| S 13 | 14 38 | 3n28 | 4 27 | 13 35 | 1 38 | 8 37 | 1 24 | 16 3 | 1 9 | 6 22 | 1 30 | 22 30 | 0 44 | 7 51 | 0 44 | 12 33 | 1 47 |
| M14 | 14 20 | 8 37 | 3 49 | 12 53 | 1 34 | 8 8 | 1 23 | 15 51 | 1 9 | 6 22 | 1 30 | 22 30 | 0 44 | 7 50 | 0 44 | 12 33 | 1 47 |
| T 15 | 14 1 | 13 30 | 2 58 | 12 9 | 1 30 | 7 38 | 1 22 | 15 38 | 1 9 | 6 21 | 1 30 | 22 29 | 0 44 | 7 49 | 0 44 | 12 33 | 1 46 |
| W16 | 13 42 | 17 54 | 1 56 | 11 25 | 1 26 | 7 9 | 1 21 | 15 26 | 1 9 | 6 20 | 1 30 | 22 29 | 0 44 | 7 47 | 0 44 | 12 34 | 1 46 |
| T 17 | 13 23 | 21 28 | 0 46 | 10 41 | 1 22 | 6 39 | 1 19 | 15 14 | 1 9 | 6 19 | 1 31 | 22 29 | 0 44 | 7 46 | 0 44 | 12 34 | 1 46 |
| F 18 | 13 4 | 23 53 | 0n29 | 9 56 | 1 17 | 6 9 | 1 18 | 15 1 | 1 9 | 6 19 | 1 31 | 22 28 | 0 44 | 7 44 | 0 44 | 12 34 | 1 46 |
| S 19 | 12 44 | 24 47 | 1 43 | 9 12 | 1 11 | 5 39 | 1 17 | 14 49 | 1 9 | 6 18 | 1 31 | 22 28 | 0 44 | 7 43 | 0 44 | 12 35 | 1 46 |
| S 20 | 12 24 | 23 59 | 2 53 | 8 27 | 1 6 | 5 9 | 1 16 | 14 36 | 1 9 | 6 17 | 1 31 | 22 28 | 0 44 | 7 42 | 0 44 | 12 35 | 1 46 |
| M21 | 12 4 | 21 26 | 3 52 | 7 42 | 1 0 | 4 39 | 1 14 | 14 23 | 1 9 | 6 15 | 1 32 | 22 27 | 0 44 | 7 40 | 0 44 | 12 35 | 1 46 |
| T 22 | 11 44 | 17 23 | 4 35 | 6 57 | 0 53 | 4 9 | 1 13 | 14 10 | 1 9 | 6 14 | 1 32 | 22 27 | 0 44 | 7 39 | 0 44 | 12 36 | 1 46 |
| W23 | 11 24 | 12 13 | 4 58 | 6 12 | 0 47 | 3 38 | 1 11 | 13 57 | 1 9 | 6 13 | 1 32 | 22 27 | 0 44 | 7 37 | 0 44 | 12 36 | 1 46 |
| T 24 | 11 3 | 6 23 | 5 1 | 5 27 | 0 40 | 3 7 | 1 9 | 13 44 | 1 9 | 6 12 | 1 32 | 22 26 | 0 44 | 7 36 | 0 44 | 12 37 | 1 46 |
| F 25 | 10 43 | 0 21 | 4 43 | 4 42 | 0 33 | 2 37 | 1 8 | 13 31 | 1 9 | 6 10 | 1 33 | 22 26 | 0 44 | 7 34 | 0 44 | 12 37 | 1 46 |
| S 26 | 10 22 | 5s32 | 4 9 | 3 57 | 0 26 | 2 6 | 1 6 | 13 18 | 1 9 | 6 9 | 1 33 | 22 26 | 0 44 | 7 33 | 0 44 | 12 37 | 1 46 |
| S 27 | 10 1 | 10 57 | 3 22 | 3 13 | 0 19 | 1 35 | 1 4 | 13 5 | 1 9 | 6 7 | 1 33 | 22 25 | 0 44 | 7 32 | 0 44 | 12 38 | 1 46 |
| M28 | 9 40 | 15 41 | 2 25 | 2 29 | 0 11 | 1 4 | 1 2 | 12 51 | 1 9 | 6 6 | 1 33 | 22 25 | 0 44 | 7 30 | 0 44 | 12 38 | 1 46 |
| T 29 | 9 18 | 19 34 | 1 22 | 1 45 | 0 3 | 0 33 | 1 0 | 12 38 | 1 9 | 6 4 | 1 34 | 22 24 | 0 44 | 7 29 | 0 44 | 12 39 | 1 46 |
| W30 | 8 57 | 22 27 | 0 18 | 1 1 | 0s 4 | 0 2 | 0 58 | 12 24 | 1 9 | 6 2 | 1 34 | 22 24 | 0 44 | 7 27 | 0 44 | 12 39 | 1 46 |
| T 31 | 8n35 | 24s14 | 0s46 | 0n18 | 0s12 | 0s29 | 0n56 | 12n11 | 1n 9 | 6n 1 | 1s34 | 22n24 | 0s44 | 7n26 | 0n44 | 12s40 | 1n46 |

Julian Day Number = 2377613.5, Delta T = 19.59 sec
Ecliptic obliquity = 23°27'58, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 21°54'51, Lahiri = 21°01'51Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1797

geocentric

SEPTEMBER 1797

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|-----------------------|-----------------------|-----------------------|----------------------|-----------------------|--------|-----------------------|------------------------|-----------------------|----------------------|------------------------|------------------------|------------------------|-----------------------|------|-----|
| F 1 | 22 42 30 | 8 ^h 57'14" | 10 ^h 07' 7 | 0 ^h 16' 16 | 4 ^h 36' 4 | 1 ^h 42' 20 | 18°R57 | 9 ^h 39' 39 | 12 ^h 53' 53 | 8 ^h 27' 27 | 29°R 8 | 19°R21 | 18 ^h 22' 22 | 10 ^h 25' 25 | 5 ^h 30' 30 | F 1 | |
| S 2 | 22 46 27 | 9°55'24" | 21°57' | 1°44' | 5°49' | 2°20' | 18°V53 | 9°45' | 12°57' | 8°28' | 29 ^h 7' 7 | 19 ^h 17' 17 | 18°18' | 10°32' | 5°38' | S 2 | |
| S 3 | 22 50 23 | 10°53'35" | 3 ^h 47' | 3°10' | 7° 3' | 2°58' | 18°48' | 9°50' | 13° 1' | 8°29' | 29° 6' | 19°11' | 18°15' | 10°39' | 5°46' | S 3 | |
| M 4 | 22 54 20 | 11°51'48" | 15°37' | 4°35' | 8°16' | 3°37' | 18°43' | 9°55' | 13° 5' | 8°31' | 29° 5' | 19° 1' | 18°12' | 10°45' | 5°55' | M 4 | |
| T 5 | 22 58 16 | 12°50'02" | 27°33' | 5°59' | 9°29' | 4°15' | 18°38' | 10° 0' | 13° 8' | 8°32' | 29° 3' | 18°50' | 18° 9' | 10°52' | 6° 3' | T 5 | |
| W 6 | 23 2 13 | 13°48'18" | 9 ^h 35' | 7°21' | 10°43' | 4°53' | 18°33' | 10° 5' | 13°12' | 8°34' | 29° 2' | 18°36' | 18° 6' | 10°59' | 6°11' | W 6 | |
| T 7 | 23 6 9 | 14°46'36" | 21°44' | 8°42' | 11°56' | 5°31' | 18°27' | 10° 9' | 13°16' | 8°35' | 29° 1' | 18°22' | 18° 2' | 11° 5' | 6°20' | T 7 | |
| F 8 | 23 10 6 | 15°44'56" | 4 ^h Y 2 | 10° 2' | 13° 9' | 6° 9' | 18°22' | 10°14' | 13°20' | 8°37' | 29° 0' | 18° 9' | 17°59' | 11°12' | 6°28' | F 8 | |
| S 9 | 23 14 2 | 16°43'18" | 16°28' | 11°20' | 14°22' | 6°48' | 18°16' | 10°19' | 13°23' | 8°38' | 28°59' | 17°57' | 17°56' | 11°19' | 6°37' | S 9 | |
| S 10 | 23 17 59 | 17°41'41" | 29° 5' | 12°36' | 15°35' | 7°26' | 18°10' | 10°23' | 13°27' | 8°40' | 28°57' | 17°48' | 17°53' | 11°25' | 6°45' | S 10 | |
| M11 | 23 21 56 | 18°40'07" | 11 ^h 53' | 13°51' | 16°49' | 8° 4' | 18° 4' | 10°28' | 13°31' | 8°41' | 28°56' | 17°42' | 17°50' | 11°32' | 6°54' | M11 | |
| T 12 | 23 25 52 | 19°38'35" | 24°54' | 15° 4' | 18° 2' | 8°42' | 17°58' | 10°32' | 13°35' | 8°43' | 28°55' | 17°39' | 17°47' | 11°39' | 7° 2' | T 12 | |
| W13 | 23 29 49 | 20°37'05" | 8 ^h II 10 | 16°16' | 19°15' | 9°20' | 17°52' | 10°36' | 13°38' | 8°44' | 28°54' | 17°38' | 17°43' | 11°45' | 7°11' | W13 | |
| T 14 | 23 33 45 | 21°35'37" | 21°43' | 17°26' | 20°28' | 9°59' | 17°46' | 10°40' | 13°42' | 8°46' | 28°53' | 17°38' | 17°40' | 11°52' | 7°19' | T 14 | |
| F 15 | 23 37 42 | 22°34'12" | 5 ^h 36' | 18°33' | 21°41' | 10°37' | 17°39' | 10°45' | 13°46' | 8°48' | 28°51' | 17°37' | 17°37' | 11°59' | 7°28' | F 15 | |
| S 16 | 23 41 38 | 23°32'49" | 19°48' | 19°39' | 22°54' | 11°15' | 17°32' | 10°49' | 13°50' | 8°49' | 28°50' | 17°36' | 17°34' | 12° 6' | 7°37' | S 16 | |
| S 17 | 23 45 35 | 24°31'28" | 4 ^h Ω 20 | 20°43' | 24° 7' | 11°53' | 17°26' | 10°53' | 13°53' | 8°51' | 28°49' | 17°31' | 17°31' | 12°12' | 7°45' | S 17 | |
| M18 | 23 49 31 | 25°30'09" | 19° 6' | 21°44' | 25°20' | 12°31' | 17°19' | 10°56' | 13°57' | 8°53' | 28°48' | 17°25' | 17°27' | 12°19' | 7°54' | M18 | |
| T 19 | 23 53 28 | 26°28'52" | 4 ^h Y 1 | 22°42' | 26°33' | 13°10' | 17°12' | 11° 0' | 14° 1' | 8°55' | 28°47' | 17°15' | 17°24' | 12°26' | 8° 3' | T 19 | |
| W20 | 23 57 25 | 27°27'38" | 18°57' | 23°38' | 27°46' | 13°48' | 17° 4' | 11° 4' | 14° 5' | 8°56' | 28°46' | 17° 4' | 17°21' | 12°32' | 8°11' | W20 | |
| T 21 | 0 1 21 | 28°26'25" | 3 ^h 44' | 24°31' | 28°59' | 14°26' | 16°57' | 11° 7' | 14° 8' | 8°58' | 28°45' | 16°53' | 17°18' | 12°39' | 8°20' | T 21 | |
| F 22 | 0 5 18 | 29°25'15" | 18°14' | 25°21' | 0 ^h 12' | 15° 4' | 16°50' | 11°11' | 14°12' | 9° 0' | 28°44' | 16°43' | 17°15' | 12°46' | 8°29' | F 22 | |
| S 23 | 0 9 14 | 0 ^h 24'06" | 2 ^h 11' | 26° 8' | 1°25' | 15°43' | 16°42' | 11°14' | 14°16' | 9° 2' | 28°42' | 16°34' | 17°12' | 12°52' | 8°38' | S 23 | |
| S 24 | 0 13 11 | 1°22'59" | 16° 0' | 26°51' | 2°38' | 16°21' | 16°35' | 11°17' | 14°19' | 9° 4' | 28°41' | 16°28' | 17° 8' | 12°59' | 8°46' | S 24 | |
| M25 | 0 17 7 | 2°21'54" | 29°12' | 27°30' | 3°51' | 16°59' | 16°27' | 11°21' | 14°23' | 9° 6' | 28°40' | 16°25' | 17° 5' | 13° 6' | 8°55' | M25 | |
| T 26 | 0 21 4 | 3°20'51" | 11 ^h 58' | 28° 4' | 5° 4' | 17°37' | 16°20' | 11°24' | 14°27' | 9° 7' | 28°39' | 16°D24 | 17° 2' | 13°13' | 9° 4' | T 26 | |
| W27 | 0 25 0 | 4°19'50" | 24°23' | 28°34' | 6°17' | 18°16' | 16°12' | 11°27' | 14°30' | 9° 9' | 28°38' | 16°24' | 16°59' | 13°19' | 9°13' | W27 | |
| T 28 | 0 28 57 | 5°18'50" | 6 ^h 31' | 28°59' | 7°30' | 18°54' | 16° 4' | 11°29' | 14°34' | 9°11' | 28°37' | 16°R24 | 16°56' | 13°26' | 9°21' | T 28 | |
| F 29 | 0 32 54 | 6°17'52" | 18°29' | 29°18' | 8°43' | 19°32' | 15°56' | 11°32' | 14°37' | 9°13' | 28°36' | 16°23' | 16°53' | 13°33' | 9°30' | F 29 | |
| S 30 | 0 36 50 | 7 ^h 16'56" | 0 ^h 20' | 29 ^h 31' | 9 ^h 16' | 20 ^h 11' | 15°V48 | 11 ^h 35' | 14 ^h 41' | 9 ^h 15' | 28 ^h 35' | 16 ^h 21' | 16 ^h 49' | 13 ^h 39' | 9 ^h 39' | S 30 | |

| Day | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|------|
| | decl | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | |
| F 1 | 8n13 | 24s52 | 1s47 | 0s20 | 1s 0 | 0n54 | 11n57 | 1n 9 | 5n59 | 1s34 | 22n23 | 0s44 | 7n24 | 0n44 | 12s40 | 1n46 | F 1 |
| S 2 | 7 51 | 24 22 | 2 43 | 1 7 | 0 29 | 1 31 | 0 52 | 11 43 | 1 9 | 5 57 | 1 34 | 22 23 | 0 44 | 7 23 | 0 44 | 12 41 | S 2 |
| S 3 | 7 29 | 22 45 | 3 32 | 1 49 | 0 37 | 2 2 | 0 50 | 11 29 | 1 8 | 5 55 | 1 35 | 22 23 | 0 44 | 7 21 | 0 44 | 12 41 | S 3 |
| M 4 | 7 7 | 22 10 | 4 11 | 2 31 | 0 45 | 2 33 | 0 48 | 11 15 | 1 8 | 5 53 | 1 35 | 22 22 | 0 43 | 7 20 | 0 44 | 12 42 | M 4 |
| T 5 | 6 45 | 16 42 | 4 40 | 3 12 | 0 53 | 3 4 | 0 45 | 11 1 | 1 8 | 5 51 | 1 35 | 22 22 | 0 43 | 7 19 | 0 44 | 12 42 | T 5 |
| W 6 | 6 23 | 12 33 | 4 56 | 3 52 | 1 2 | 3 35 | 0 43 | 10 47 | 1 8 | 5 48 | 1 35 | 22 22 | 0 43 | 7 17 | 0 44 | 12 43 | W 6 |
| T 7 | 6 0 | 7 52 | 4 59 | 4 31 | 1 10 | 4 6 | 0 40 | 10 33 | 1 8 | 5 46 | 1 35 | 22 21 | 0 43 | 7 16 | 0 44 | 12 43 | T 7 |
| F 8 | 5 38 | 2 48 | 4 48 | 5 11 | 1 18 | 4 37 | 0 38 | 10 19 | 1 8 | 5 44 | 1 36 | 22 21 | 0 43 | 7 14 | 0 44 | 12 44 | F 8 |
| S 9 | 5 15 | 2n25 | 4 24 | 5 49 | 1 27 | 5 8 | 0 36 | 10 5 | 1 8 | 5 42 | 1 36 | 22 21 | 0 43 | 7 13 | 0 44 | 12 44 | S 9 |
| S 10 | 4 52 | 7 38 | 3 46 | 6 26 | 1 35 | 5 38 | 0 33 | 9 51 | 1 8 | 5 39 | 1 36 | 22 20 | 0 43 | 7 11 | 0 44 | 12 45 | S 10 |
| M11 | 4 29 | 12 37 | 2 57 | 7 3 | 1 43 | 6 9 | 0 30 | 9 36 | 1 8 | 5 37 | 1 36 | 22 20 | 0 43 | 7 10 | 0 44 | 12 45 | M11 |
| T 12 | 4 6 | 17 7 | 1 57 | 7 39 | 1 51 | 6 39 | 0 28 | 9 22 | 1 8 | 5 34 | 1 36 | 22 20 | 0 43 | 7 8 | 0 44 | 12 46 | T 12 |
| W13 | 3 43 | 20 53 | 0 50 | 8 14 | 1 59 | 7 9 | 0 25 | 9 7 | 1 8 | 5 32 | 1 36 | 22 19 | 0 43 | 7 7 | 0 44 | 12 46 | W13 |
| T 14 | 3 20 | 23 34 | 0n22 | 8 49 | 2 7 | 7 40 | 0 22 | 8 53 | 1 8 | 5 29 | 1 37 | 22 19 | 0 43 | 7 6 | 0 44 | 12 47 | T 14 |
| F 15 | 2 57 | 24 54 | 1 33 | 9 22 | 2 15 | 8 9 | 0 20 | 8 38 | 1 8 | 5 27 | 1 37 | 22 19 | 0 43 | 7 4 | 0 44 | 12 47 | F 15 |
| S 16 | 2 34 | 24 40 | 2 41 | 9 54 | 2 23 | 8 39 | 0 17 | 8 24 | 1 8 | 5 24 | 1 37 | 22 18 | 0 43 | 7 3 | 0 44 | 12 48 | S 16 |
| S 17 | 2 11 | 22 46 | 3 40 | 10 25 | 2 30 | 9 9 | 0 14 | 8 9 | 1 7 | 5 21 | 1 37 | 22 18 | 0 43 | 7 1 | 0 44 | 12 49 | S 17 |
| M18 | 1 47 | 19 18 | 4 25 | 10 55 | 2 38 | 9 38 | 0 11 | 7 54 | 1 7 | 5 19 | 1 37 | 22 18 | 0 43 | 7 0 | 0 44 | 12 49 | M18 |
| T 19 | 1 24 | 14 35 | 4 53 | 11 24 | 2 45 | 10 8 | 0 8 | 7 40 | 1 7 | 5 16 | 1 37 | 22 18 | 0 43 | 6 58 | 0 44 | 12 50 | T 19 |
| W20 | 1 1 | 8 59 | 5 0 | 11 51 | 2 52 | 10 37 | 0 5 | 7 25 | 1 7 | 5 13 | 1 37 | 22 17 | 0 43 | 6 57 | 0 44 | 12 50 | W20 |
| T 21 | 0 37 | 2 55 | 4 48 | 12 17 | 2 58 | 11 5 | 0 2 | 7 10 | 1 7 | 5 10 | 1 37 | 22 17 | 0 43 | 6 56 | 0 44 | 12 51 | T 21 |
| F 22 | 0 14 | 3s12 | 4 17 | 12 41 | 3 4 | 11 34 | 0s 1 | 6 55 | 1 7 | 5 7 | 1 38 | 22 17 | 0 43 | 6 54 | 0 44 | 12 52 | F 22 |
| S 23 | 0s10 | 9 0 | 3 31 | 13 3 | 3 10 | 12 2 | 0 4 | 6 40 | 1 7 | 5 4 | 1 38 | 22 16 | 0 43 | 6 53 | 0 44 | 12 52 | S 23 |
| S 24 | 0 33 | 14 11 | 2 34 | 13 24 | 3 16 | 12 30 | 0 7 | 6 25 | 1 7 | 5 1 | 1 38 | 22 16 | 0 43 | 6 51 | 0 44 | 12 53 | S 24 |
| M25 | 0 56 | 18 32 | 1 30 | 13 43 | 3 21 | 12 58 | 0 10 | 6 10 | 1 7 | 4 58 | 1 38 | 22 16 | 0 43 | 6 50 | 0 44 | 12 53 | M25 |
| T 26 | 1 20 | 21 52 | 0 24 | 13 59 | 3 25 | 13 26 | 0 13 | 5 55 | 1 7 | 4 55 | 1 38 | 22 16 | 0 43 | 6 49 | 0 44 | 12 54 | T 26 |
| W27 | 1 43 | 24 3 | 0s42 | 14 13 | 3 29 | 13 53 | 0 16 | 5 40 | 1 6 | 4 52 | 1 38 | 22 15 | 0 43 | 6 47 | 0 44 | 12 55 | W27 |
| T 28 | 2 7 | 25 3 | 1 45 | 14 25 | 3 32 | 14 20 | 0 19 | 5 25 | 1 6 | 4 49 | 1 38 | 22 15 | 0 43 | 6 46 | 0 44 | 12 55 | T 28 |
| F 29 | 2 30 | 24 52 | 2 42 | 14 34 | 3 34 | 14 46 | 0 22 | 5 10 | 1 6 | 4 46 | 1 38 | 22 15 | 0 43 | 6 44 | 0 44 | 12 56 | F 29 |
| S 30 | 2s54 | 23s32 | 3s31 | 14s40 | 3s35 | 15s12 | 0s25 | 4n54 | 1n 6 | 4n43 | 1s38 | 22n15 | 0s43 | 6n43 | 0n44 | 12s57 | S 30 |

Julian Day Number = 2377644.5, Delta T = 19.56 sec

Ecliptic obliquity = 23°27'58", Nutation = - 0°00'16", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 21°54'55", Lahiri = 21°01'55"Greg. Calendar

ASTRODIENST EPHEMERIS for the year 1797
geocentric

OCTOBER 1797

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|---------|----------|-------|--------|-------|-------|--------|--------|-------|-------|--------|--------|-------|-------|-------|------|
| S 1 | 0 40 47 | 8♌16'02 | 12♏10 | 29°R38 | 11♍ 8 | 20♎49 | 15°R41 | 11♏37 | 14♎45 | 9♍17 | 28°R35 | 16°R16 | 16♐46 | 13♏46 | 9♏48 | S 1 |
| M 2 | 0 44 43 | 9°15'10 | 24° 3 | 29♏38 | 12°21 | 21°27 | 15°Y33 | 11°40 | 14°48 | 9°19 | 28♏34 | 16♐ 8 | 16°43 | 13°53 | 9°57 | M 2 |
| T 3 | 0 48 40 | 10°14'19 | 6♊ 4 | 29°30 | 13°34 | 22° 5 | 15°25 | 11°42 | 14°52 | 9°21 | 28°33 | 15°58 | 16°40 | 13°59 | 10° 6 | T 3 |
| W 4 | 0 52 36 | 11°13'30 | 18°13 | 29°15 | 14°47 | 22°44 | 15°16 | 11°45 | 14°55 | 9°23 | 28°32 | 15°47 | 16°37 | 14° 6 | 10°14 | W 4 |
| T 5 | 0 56 33 | 12°12'43 | 0♑34 | 28°52 | 15°59 | 23°22 | 15° 8 | 11°47 | 14°59 | 9°25 | 28°31 | 15°35 | 16°33 | 14°13 | 10°23 | T 5 |
| F 6 | 1 0 29 | 13°11'59 | 13° 6 | 28°21 | 17°12 | 24° 0 | 15° 0 | 11°49 | 15° 2 | 9°27 | 28°30 | 15°24 | 16°30 | 14°20 | 10°32 | F 6 |
| S 7 | 1 4 26 | 14°11'16 | 25°50 | 27°42 | 18°25 | 24°39 | 14°52 | 11°51 | 15° 5 | 9°29 | 28°29 | 15°14 | 16°27 | 14°26 | 10°41 | S 7 |
| S 8 | 1 8 22 | 15°10'35 | 8♊45 | 26°55 | 19°37 | 25°17 | 14°44 | 11°52 | 15° 9 | 9°31 | 28°28 | 15° 6 | 16°24 | 14°33 | 10°50 | S 8 |
| M 9 | 1 12 19 | 16° 9'57 | 21°52 | 26° 0 | 20°50 | 25°55 | 14°36 | 11°54 | 15°12 | 9°33 | 28°28 | 15° 1 | 16°21 | 14°40 | 10°58 | M 9 |
| T 10 | 1 16 16 | 17° 9'21 | 5♐10 | 24°59 | 22° 2 | 26°34 | 14°28 | 11°56 | 15°16 | 9°36 | 28°27 | 14°59 | 16°18 | 14°46 | 11° 7 | T 10 |
| W 11 | 1 20 12 | 18° 8'47 | 18°38 | 23°52 | 23°15 | 27°12 | 14°20 | 11°57 | 15°19 | 9°38 | 28°26 | 14°D58 | 16°14 | 14°53 | 11°16 | W 11 |
| T 12 | 1 24 9 | 19° 8'15 | 2♏19 | 22°42 | 24°27 | 27°50 | 14°12 | 11°59 | 15°22 | 9°40 | 28°25 | 14°59 | 16°11 | 15° 0 | 11°25 | T 12 |
| F 13 | 1 28 5 | 20° 7'46 | 16°11 | 21°29 | 25°40 | 28°29 | 14° 4 | 12° 0 | 15°26 | 9°42 | 28°25 | 15°R 0 | 16° 8 | 15° 6 | 11°33 | F 13 |
| S 14 | 1 32 2 | 21° 7'19 | 0♑15 | 20°15 | 26°52 | 29° 7 | 13°56 | 12° 1 | 15°29 | 9°44 | 28°24 | 14°59 | 16° 5 | 15°13 | 11°42 | S 14 |
| S 15 | 1 35 58 | 22° 6'55 | 14°31 | 19° 4 | 28° 4 | 29°46 | 13°48 | 12° 2 | 15°32 | 9°46 | 28°23 | 14°57 | 16° 2 | 15°20 | 11°51 | S 15 |
| M 16 | 1 39 55 | 23° 6'33 | 28°56 | 17°56 | 29°17 | 0♑24 | 13°40 | 12° 3 | 15°35 | 9°48 | 28°23 | 14°53 | 15°59 | 15°27 | 12° 0 | M 16 |
| T 17 | 1 43 52 | 24° 6'13 | 13♐26 | 16°54 | 0♑29 | 1° 2 | 13°32 | 12° 4 | 15°38 | 9°51 | 28°22 | 14°47 | 15°55 | 15°33 | 12° 8 | T 17 |
| W 18 | 1 47 48 | 25° 5'55 | 27°56 | 16° 0 | 1°42 | 1°41 | 13°24 | 12° 5 | 15°42 | 9°53 | 28°21 | 14°39 | 15°52 | 15°40 | 12°17 | W 18 |
| T 19 | 1 51 45 | 26° 5'39 | 12♏20 | 15°15 | 2°54 | 2°19 | 13°17 | 12° 5 | 15°45 | 9°55 | 28°21 | 14°31 | 15°49 | 15°47 | 12°26 | T 19 |
| F 20 | 1 55 41 | 27° 5'26 | 26°31 | 14°41 | 4° 6 | 2°58 | 13° 9 | 12° 6 | 15°48 | 9°57 | 28°20 | 14°23 | 15°46 | 15°53 | 12°34 | F 20 |
| S 21 | 1 59 38 | 28° 5'14 | 10♍24 | 14°18 | 5°18 | 3°36 | 13° 1 | 12° 6 | 15°51 | 9°59 | 28°20 | 14°17 | 15°43 | 16° 0 | 12°43 | S 21 |
| S 22 | 2 3 34 | 29° 5'04 | 23°55 | 14° 6 | 6°30 | 4°15 | 12°54 | 12° 7 | 15°54 | 10° 2 | 28°19 | 14°13 | 15°39 | 16° 7 | 12°52 | S 22 |
| M 23 | 2 7 31 | 0♍4'57 | 7♊ 3 | 14°D 5 | 7°43 | 4°53 | 12°47 | 12° 7 | 15°57 | 10° 4 | 28°19 | 14°11 | 15°36 | 16°13 | 13° 0 | M 23 |
| T 24 | 2 11 27 | 1° 4'51 | 19°49 | 14°16 | 8°55 | 5°31 | 12°39 | 12°R 7 | 16° 0 | 10° 6 | 28°18 | 14°D11 | 15°33 | 16°20 | 13° 9 | T 24 |
| W 25 | 2 15 24 | 2° 4'47 | 2♏16 | 14°37 | 10° 7 | 6°10 | 12°32 | 12° 7 | 16° 3 | 10° 8 | 28°18 | 14°12 | 15°30 | 16°27 | 13°17 | W 25 |
| T 26 | 2 19 20 | 3° 4'44 | 14°26 | 15° 7 | 11°19 | 6°48 | 12°25 | 12° 7 | 16° 5 | 10°10 | 28°17 | 14°14 | 15°27 | 16°34 | 13°26 | T 26 |
| F 27 | 2 23 17 | 4° 4'43 | 26°25 | 15°47 | 12°31 | 7°27 | 12°18 | 12° 6 | 16° 8 | 10°13 | 28°17 | 14°15 | 15°24 | 16°40 | 13°34 | F 27 |
| S 28 | 2 27 14 | 5° 4'44 | 8♏18 | 16°35 | 13°43 | 8° 5 | 12°11 | 12° 6 | 16°11 | 10°15 | 28°17 | 14°R15 | 15°20 | 16°47 | 13°43 | S 28 |
| S 29 | 2 31 10 | 6° 4'46 | 20° 9 | 17°30 | 14°55 | 8°44 | 12° 4 | 12° 5 | 16°14 | 10°17 | 28°16 | 14°14 | 15°17 | 16°54 | 13°51 | S 29 |
| M 30 | 2 35 7 | 7° 4'50 | 2♊ 4 | 18°32 | 16° 6 | 9°22 | 11°58 | 12° 5 | 16°17 | 10°19 | 28°16 | 14°11 | 15°14 | 17° 0 | 14° 0 | M 30 |
| T 31 | 2 39 3 | 8♍4'56 | 14♊ 7 | 19♏39 | 17♊18 | 10♑ 1 | 11°Y51 | 12♏ 4 | 16♎19 | 10♍22 | 28♏16 | 14♐ 7 | 15♐11 | 17♏ 7 | 14♑ 8 | T 31 |

| Day | ☉ | ☾ | | ♀ | | ♀ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | |
|-----|---|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|
|-----|---|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|---|--|

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ASTRODIENST EPHEMERIS for the year 1797
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|------|---------|----------|-------|-------|-------|-------|--------|--------|-------|-------|--------|--------|-------|-------|-------|------|
| W 1 | 2 43 0 | 9♉ 5'03 | 26♊22 | 20♈51 | 18♋30 | 10♈39 | 11°R45 | 12°R 3 | 16♉22 | 10♉24 | 28°R15 | 14°R 1 | 15♊ 8 | 17♋14 | 14♈16 | W 1 |
| T 2 | 2 46 56 | 10° 5'12 | 8♉51 | 22° 7 | 19°42 | 11°18 | 11°39 | 12° 2 | 16°25 | 10°26 | 28°15 | 13°55 | 15° 4 | 17°21 | 14°25 | T 2 |
| F 3 | 2 50 53 | 11° 5'22 | 21°35 | 23°27 | 20°53 | 11°56 | 11°33 | 12° 1 | 16°27 | 10°28 | 28°15 | 13°49 | 15° 1 | 17°27 | 14°33 | F 3 |
| S 4 | 2 54 49 | 12° 5'34 | 4♉36 | 24°50 | 22° 5 | 12°35 | 11°27 | 12° 0 | 16°30 | 10°31 | 28°15 | 13°44 | 14°58 | 17°34 | 14°41 | S 4 |
| S 5 | 2 58 46 | 13° 5'48 | 17°53 | 26°15 | 23°16 | 13°13 | 11°21 | 11°59 | 16°32 | 10°33 | 28°15 | 13°40 | 14°55 | 17°41 | 14°49 | S 5 |
| M 6 | 3 2 43 | 14° 6'04 | 1♊24 | 27°43 | 24°28 | 13°52 | 11°15 | 11°57 | 16°35 | 10°35 | 28°14 | 13°38 | 14°52 | 17°47 | 14°57 | M 6 |
| T 7 | 3 6 39 | 15° 6'22 | 15° 7 | 29°12 | 25°39 | 14°31 | 11°10 | 11°56 | 16°37 | 10°37 | 28°14 | 13°D38 | 14°49 | 17°54 | 15° 6 | T 7 |
| W 8 | 3 10 36 | 16° 6'41 | 29° 0 | 0♉43 | 26°51 | 15° 9 | 11° 5 | 11°54 | 16°39 | 10°40 | 28°14 | 13°38 | 14°45 | 18° 1 | 15°14 | W 8 |
| T 9 | 3 14 32 | 17° 7'03 | 13° 0 | 2°14 | 28° 2 | 15°48 | 10°59 | 11°52 | 16°42 | 10°42 | 28°14 | 13°40 | 14°42 | 18° 7 | 15°22 | T 9 |
| F 10 | 3 18 29 | 18° 7'26 | 27° 6 | 3°47 | 29°13 | 16°26 | 10°54 | 11°51 | 16°44 | 10°44 | 28°14 | 13°41 | 14°39 | 18°14 | 15°30 | F 10 |
| S 11 | 3 22 25 | 19° 7'52 | 11♊15 | 5°20 | 0♉24 | 17° 5 | 10°50 | 11°49 | 16°46 | 10°46 | 28°D14 | 13°42 | 14°36 | 18°21 | 15°38 | S 11 |
| S 12 | 3 26 22 | 20° 8'19 | 25°26 | 6°54 | 1°35 | 17°44 | 10°45 | 11°47 | 16°48 | 10°49 | 28°14 | 13°R42 | 14°33 | 18°28 | 15°46 | S 12 |
| M13 | 3 30 18 | 21° 8'48 | 9♉36 | 8°29 | 2°46 | 18°22 | 10°41 | 11°44 | 16°51 | 10°51 | 28°14 | 13°41 | 14°30 | 18°34 | 15°53 | M13 |
| T 14 | 3 34 15 | 22° 9'19 | 23°44 | 10° 4 | 3°57 | 19° 1 | 10°36 | 11°42 | 16°53 | 10°53 | 28°14 | 13°39 | 14°26 | 18°41 | 16° 1 | T 14 |
| W15 | 3 38 12 | 23° 9'51 | 7♊46 | 11°38 | 5° 8 | 19°40 | 10°32 | 11°40 | 16°55 | 10°55 | 28°14 | 13°37 | 14°23 | 18°48 | 16° 9 | W15 |
| T 16 | 3 42 8 | 24°10'26 | 21°41 | 13°14 | 6°19 | 20°18 | 10°28 | 11°37 | 16°57 | 10°57 | 28°14 | 13°34 | 14°20 | 18°54 | 16°17 | T 16 |
| F 17 | 3 46 5 | 25°11'02 | 5♉23 | 14°49 | 7°30 | 20°57 | 10°25 | 11°35 | 16°59 | 11° 0 | 28°15 | 13°31 | 14°17 | 19° 1 | 16°24 | F 17 |
| S 18 | 3 50 1 | 26°11'40 | 18°52 | 16°24 | 8°40 | 21°36 | 10°21 | 11°32 | 17° 1 | 11° 2 | 28°15 | 13°29 | 14°14 | 19° 8 | 16°32 | S 18 |
| S 19 | 3 53 58 | 27°12'19 | 2♉ 5 | 17°59 | 9°51 | 22°14 | 10°18 | 11°29 | 17° 2 | 11° 4 | 28°15 | 13°28 | 14°10 | 19°15 | 16°39 | S 19 |
| M20 | 3 57 54 | 28°13'00 | 15° 1 | 19°34 | 11° 1 | 22°53 | 10°15 | 11°27 | 17° 4 | 11° 6 | 28°15 | 13°D27 | 14° 7 | 19°21 | 16°47 | M20 |
| T 21 | 4 1 51 | 29°13'42 | 27°40 | 21° 9 | 12°12 | 23°32 | 10°12 | 11°24 | 17° 6 | 11° 8 | 28°15 | 13°28 | 14° 4 | 19°28 | 16°54 | T 21 |
| W22 | 4 5 47 | 0♉14'26 | 10♉ 3 | 22°44 | 13°22 | 24°10 | 10° 9 | 11°21 | 17° 8 | 11°11 | 28°16 | 13°29 | 14° 1 | 19°35 | 17° 2 | W22 |
| T 23 | 4 9 44 | 1°15'10 | 22°13 | 24°19 | 14°32 | 24°49 | 10° 7 | 11°18 | 17° 9 | 11°13 | 28°16 | 13°30 | 13°58 | 19°41 | 17° 9 | T 23 |
| F 24 | 4 13 41 | 2°15'56 | 4♈13 | 25°54 | 15°42 | 25°28 | 10° 5 | 11°14 | 17°11 | 11°15 | 28°16 | 13°31 | 13°55 | 19°48 | 17°16 | F 24 |
| S 25 | 4 17 37 | 3°16'42 | 16° 6 | 27°29 | 16°52 | 26° 7 | 10° 2 | 11°11 | 17°12 | 11°17 | 28°17 | 13°32 | 13°51 | 19°55 | 17°23 | S 25 |
| S 26 | 4 21 34 | 4°17'30 | 27°58 | 29° 4 | 18° 2 | 26°45 | 10° 1 | 11° 8 | 17°14 | 11°19 | 28°17 | 13°33 | 13°48 | 20° 2 | 17°30 | S 26 |
| M27 | 4 25 30 | 5°18'19 | 9♊52 | 0♉38 | 19°12 | 27°24 | 9°59 | 11° 4 | 17°15 | 11°21 | 28°17 | 13°R33 | 13°45 | 20° 8 | 17°38 | M27 |
| T 28 | 4 29 27 | 6°19'08 | 21°54 | 2°13 | 20°22 | 28° 3 | 9°57 | 11° 1 | 17°17 | 11°23 | 28°18 | 13°32 | 13°42 | 20°15 | 17°45 | T 28 |
| W29 | 4 33 23 | 7°19'58 | 4♉ 8 | 3°47 | 21°31 | 28°42 | 9°56 | 10°57 | 17°18 | 11°25 | 28°18 | 13°32 | 13°39 | 20°22 | 17°51 | W29 |
| T 30 | 4 37 20 | 8♉20'50 | 16♉39 | 5♉21 | 22°34 | 29°20 | 9♉55 | 10°53 | 17°19 | 11°27 | 28°19 | 13°31 | 13°36 | 20°28 | 17°58 | 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 |
| W 1 | 14s32 | 6s 5 | 5s 4 | 6s 7 | 2n12 | 24s55 | 1s57 | 3s18 | 1n 0 | 3n11 | 1s35 | 22n13 | 0s42 | 6n 5 | 0n45 | 13s19 | 1n44 | 23s 6 | 11s46 | 22n31 | 22n38 | 20s 1 | 7s17 | 1s48 | |
| T 2 | 14 51 | 0 49 | 4 42 | 6 36 | 2 11 | 25 3 | 2 0 | 3 33 | 1 0 | 3 9 | 1 35 | 22 13 | 0 42 | 6 4 | 0 45 | 13 19 | 1 44 | 23 6 | 11 46 | 22 30 | 22 38 | 19 59 | 7 20 | 1 48 | |
| F 3 | 15 10 | 4n37 | 4 6 | 7 7 | 2 9 | 25 11 | 2 2 | 3 48 | 1 0 | 3 7 | 1 35 | 22 13 | 0 42 | 6 3 | 0 45 | 13 20 | 1 44 | 23 5 | 11 46 | 22 29 | 22 37 | 19 58 | 7 23 | 1 47 | |
| S 4 | 15 29 | 9 59 | 3 17 | 7 39 | 2 7 | 25 18 | 2 4 | 4 4 | 1 0 | 3 5 | 1 35 | 22 13 | 0 42 | 6 2 | 0 45 | 13 21 | 1 44 | 23 5 | 11 46 | 22 28 | 22 37 | 19 56 | 7 26 | 1 47 | |
| S 5 | 15 47 | 15 0 | 2 16 | 8 13 | 2 4 | 25 24 | 2 6 | 4 19 | 0 59 | 3 3 | 1 34 | 22 13 | 0 42 | 6 1 | 0 45 | 13 21 | 1 44 | 23 5 | 11 45 | 22 28 | 22 37 | 19 54 | 7 29 | 1 47 | |
| M 6 | 16 5 | 19 23 | 1 6 | 8 48 | 2 1 | 25 29 | 2 8 | 4 34 | 0 59 | 3 1 | 1 34 | 22 14 | 0 42 | 6 0 | 0 45 | 13 22 | 1 44 | 23 5 | 11 45 | 22 28 | 22 36 | 19 53 | 7 32 | 1 47 | |
| T 7 | 16 23 | 22 46 | 0n 8 | 9 23 | 1 56 | 25 34 | 2 10 | 4 49 | 0 59 | 2 59 | 1 34 | 22 14 | 0 42 | 5 59 | 0 45 | 13 23 | 1 44 | 23 5 | 11 45 | 22 28 | 22 36 | 19 51 | 7 35 | 1 46 | |
| W 8 | 16 41 | 24 51 | 1 23 | 9 59 | 1 52 | 25 37 | 2 12 | 5 4 | 0 59 | 2 57 | 1 34 | 22 14 | 0 42 | 5 58 | 0 45 | 13 24 | 1 44 | 23 5 | 11 45 | 22 28 | 22 36 | 19 49 | 7 38 | 1 46 | |
| T 9 | 16 58 | 25 23 | 2 34 | 10 35 | 1 47 | 25 41 | 2 14 | 5 19 | 0 58 | 2 55 | 1 34 | 22 14 | 0 42 | 5 57 | 0 45 | 13 24 | 1 44 | 23 4 | 11 44 | 22 28 | 22 35 | 19 47 | 7 41 | 1 46 | |
| F 10 | 17 15 | 24 18 | 3 36 | 11 12 | 1 42 | 25 43 | 2 15 | 5 34 | 0 58 | 2 53 | 1 33 | 22 14 | 0 42 | 5 56 | 0 45 | 13 25 | 1 44 | 23 4 | 11 44 | 22 28 | 22 35 | 19 46 | 7 44 | 1 46 | |
| S 11 | 17 32 | 21 40 | 4 26 | 11 49 | 1 36 | 25 45 | 2 17 | 5 50 | 0 58 | 2 52 | 1 33 | 22 14 | 0 42 | 5 55 | 0 45 | 13 26 | 1 44 | 23 4 | 11 44 | 22 28 | 22 35 | 19 44 | 7 47 | 1 46 | |
| S 12 | 17 48 | 17 44 | 4 59 | 12 25 | 1 30 | 25 46 | 2 18 | 6 5 | 0 58 | 2 50 | 1 33 | 22 15 | 0 42 | 5 55 | 0 45 | 13 26 | 1 44 | 23 4 | 11 44 | 22 28 | 22 34 | 19 42 | 7 50 | 1 45 | |
| M13 | 18 4 | 12 49 | 5 14 | 13 1 | 1 24 | 25 46 | 2 20 | 6 19 | 0 57 | 2 49 | 1 33 | 22 15 | 0 42 | 5 54 | 0 45 | 13 27 | 1 44 | 23 3 | 11 43 | 22 28 | 22 34 | 19 40 | 7 53 | 1 45 | |
| T 14 | 18 20 | 7 14 | 5 10 | 13 37 | 1 18 | 25 46 | 2 21 | 6 34 | 0 57 | 2 47 | 1 32 | 22 15 | 0 42 | 5 53 | 0 45 | 13 28 | 1 44 | 23 3 | 11 43 | 22 28 | 22 33 | 19 39 | 7 55 | 1 45 | |
| W15 | 18 35 | 1 19 | 4 47 | 14 13 | 1 11 | 25 44 | 2 22 | 6 49 | 0 57 | 2 46 | 1 32 | 22 15 | 0 42 | 5 52 | 0 45 | 13 28 | 1 44 | 23 3 | 11 43 | 22 28 | 22 33 | 19 37 | 7 58 | 1 45 | |
| T 16 | 18 50 | 4s37 | 4 8 | 14 48 | 1 5 | 25 42 | 2 24 | 7 4 | 0 57 | 2 45 | 1 32 | 22 16 | 0 42 | 5 52 | 0 45 | 13 29 | 1 44 | 23 3 | 11 43 | 22 27 | 22 33 | 19 35 | 8 1 | 1 45 | |
| F 17 | 19 5 | 10 16 | 3 15 | 15 23 | 0 58 | 25 40 | 2 25 | 7 19 | 0 56 | 2 43 | 1 31 | 22 16 | 0 42 | 5 51 | 0 46 | 13 30 | 1 44 | 23 2 | 11 42 | 22 27 | 22 32 | 19 33 | 8 4 | 1 45 | |
| S 18 | 19 19 | 15 21 | 2 12 | 15 57 | 0 51 | 25 36 | 2 26 | 7 34 | 0 56 | 2 42 | 1 31 | 22 16 | 0 42 | 5 50 | 0 46 | 13 30 | 1 44 | 23 2 | 11 42 | 22 27 | 22 32 | 19 32 | 8 7 | 1 44 | |
| S 19 | 19 33 | 19 35 | 1 2 | 16 30 | 0 44 | 25 32 | 2 27 | 7 48 | 0 56 | 2 41 | 1 31 | 22 16 | 0 42 | 5 49 | 0 46 | 13 31 | 1 44 | 23 2 | 11 42 | 22 26 | 22 32 | 19 30 | 8 9 | 1 44 | |
| M20 | 19 47 | 22 46 | 0s 9 | 17 3 | 0 37 | 25 27 | 2 27 | 8 3 | 0 55 | 2 40 | 1 31 | 22 17 | 0 42 | 5 49 | 0 46 | 13 32 | 1 44 | 23 1 | 11 42 | 22 26 | 22 31 | 19 28 | 8 12 | 1 44 | |
| T 21 | 20 0 | 24 45 | 1 18 | 17 35 | 0 30 | 25 22 | 2 28 | 8 18 | 0 55 | 2 39 | 1 30 | 22 17 | 0 42 | 5 48 | 0 46 | 13 32 | 1 44 | 23 1 | 11 41 | 22 26 | 22 31 | 19 26 | 8 15 | 1 44 | |
| W22 | 20 13 | 25 27 | 2 22 | 18 6 | 0 23 | 25 15 | 2 29 | 8 32 | 0 55 | 2 39 | 1 30 | 22 17 | 0 42 | 5 47 | 0 46 | 13 33 | 1 44 | 23 1 | 11 41 | 22 27 | 22 30 | 19 24 | 8 17 | 1 44 | |
| T 23 | 20 26 | 24 54 | 3 18 | 18 36 | 0 17 | 25 8 | 2 29 | 8 47 | 0 55 | 2 38 | 1 30 | 22 18 | 0 42 | 5 47 | 0 46 | 13 34 | 1 44 | 23 0 | 11 41 | 22 27 | 22 30 | 19 23 | 8 20 | 1 43 | |
| F 24 | 20 38 | 23 12 | 4 5 | 19 6 | 0 10 | 25 1 | 2 29 | 9 1 | 0 54 | 2 37 | 1 30 | 22 18 | 0 42 | 5 46 | 0 46 | 13 34 | 1 44 | 23 0 | 11 41 | 22 27 | 22 30 | 19 21 | 8 23 | 1 43 | |
| S 25 | 20 50 | 20 30 | 4 41 | 19 35 | 0 3 | 24 52 | 2 30 | 9 15 | 0 54 | 2 37 | 1 29 | 22 18 | 0 42 | 5 46 | 0 46 | 13 35 | 1 44 | 23 0 | 11 40 | 22 27 | 22 29 | 19 19 | 8 25 | 1 43 | |
| S 26 | 21 2 | 16 58 | 5 5 | 20 2 | 0s 4 | 24 43 | 2 30 | 9 30 | 0 54 | 2 36 | 1 29 | 22 19 | 0 41 | 5 45 | 0 46 | 13 35 | 1 44 | 22 59 | 11 40 | 22 27 | 22 29 | 19 17 | 8 28 | 1 43 | |
| M27 | 21 13 | 12 45 | 5 16 | 20 29 | 0 11 | 24 34 | 2 30 | 9 44 | 0 53 | 2 36 | 1 29 | 22 19 | 0 41 | 5 45 | 0 46 | 13 36 | 1 44 | 22 59 | 11 40 | 22 27 | 22 29 | 19 15 | 8 30 | 1 43 | |
| T 28 | 21 23 | 8 1 | 5 14 | 20 55 | 0 17 | 24 23 | 2 30 | 9 58 | 0 53 | 2 36 | 1 28 | 22 19 | 0 41 | 5 44 | 0 46 | 13 37 | 1 44 | 22 59 | 11 40 | 22 27 | 22 28 | 19 14 | 8 33 | 1 43 | |
| W29 | 21 34 | 2 54 | 4 57 | 21 19 | 0 24 | 24 12 | 2 30 | 10 12 | 0 53 | 2 35 | 1 28 | 22 20 | 0 41 | 5 44 | 0 46 | 13 37 | 1 44 | 22 58 | 11 39 | 22 27 | 22 28 | 19 12 | 8 35 | 1 43 | |
| T 30 | 21s43 | 2n28 | 4s26 | 21s43 | 0s31 | 24s 1 | 2s29 | 10s26 | 0n52 | 2n35 | 1s28 | 22n20 | 0s41 | 5n43 | 0n46 | 13s38 | 1n44 | 22s58 | 11s39 | 22n27 | 22n27 | 19s10 | 8s38 | 1s42 | |

ASTRODIENST EPHEMERIS for the year 1797
geocentric

DECEMBER 1797

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | ♈ | ♉ | Day |
|------|---------|----------|-------|-------|-------|-------|-------|-------|--------|-------|-------|--------|-------|-------|-------|------|
| F 1 | 4 41 16 | 9♌21'42 | 29♊29 | 6♊56 | 23♋50 | 29♌59 | 9♍54 | 10♎50 | 17♏21 | 11♐29 | 28♑19 | 13♒30 | 13♓32 | 20♈35 | 18♉5 | F 1 |
| S 2 | 4 45 13 | 10°22'35 | 12♋40 | 8°30 | 24°59 | 0♌38 | 9♍54 | 10♎46 | 17°22 | 11°31 | 28°20 | 13♓30 | 13°29 | 20°42 | 18°12 | S 2 |
| S 3 | 4 49 10 | 11°23'29 | 26°12 | 10° 4 | 26° 8 | 1°17 | 9°53 | 10°42 | 17°23 | 11°34 | 28°20 | 13°30 | 13°26 | 20°49 | 18°18 | S 3 |
| M 4 | 4 53 6 | 12°24'24 | 10♌5 | 11°38 | 27°17 | 1°55 | 9°53 | 10°38 | 17°24 | 11°36 | 28°21 | 13°D30 | 13°23 | 20°55 | 18°25 | M 4 |
| T 5 | 4 57 3 | 13°25'20 | 24°15 | 13°13 | 28°26 | 2°34 | 9°D53 | 10°34 | 17°25 | 11°37 | 28°22 | 13°R30 | 13°20 | 21° 2 | 18°31 | T 5 |
| W 6 | 5 0 59 | 14°26'17 | 8♌37 | 14°47 | 29°34 | 3°13 | 9°53 | 10°30 | 17°26 | 11°39 | 28°22 | 13°30 | 13°16 | 21° 9 | 18°38 | W 6 |
| T 7 | 5 4 56 | 15°27'15 | 23° 7 | 16°21 | 0♌43 | 3°52 | 9°54 | 10°25 | 17°27 | 11°41 | 28°23 | 13°30 | 13°13 | 21°15 | 18°44 | T 7 |
| F 8 | 5 8 52 | 16°28'14 | 7♌38 | 17°55 | 1°51 | 4°31 | 9°54 | 10°21 | 17°28 | 11°43 | 28°24 | 13°29 | 13°10 | 21°22 | 18°50 | F 8 |
| S 9 | 5 12 49 | 17°29'14 | 22° 5 | 19°30 | 2°59 | 5°10 | 9°55 | 10°17 | 17°28 | 11°45 | 28°24 | 13°29 | 13° 7 | 21°29 | 18°57 | S 9 |
| S 10 | 5 16 46 | 18°30'15 | 6♌25 | 21° 4 | 4° 7 | 5°48 | 9°56 | 10°12 | 17°29 | 11°47 | 28°25 | 13°29 | 13° 4 | 21°36 | 19° 3 | S 10 |
| M 11 | 5 20 42 | 19°31'17 | 20°34 | 22°39 | 5°15 | 6°27 | 9°57 | 10° 8 | 17°30 | 11°49 | 28°26 | 13°D29 | 13° 1 | 21°42 | 19° 9 | M 11 |
| T 12 | 5 24 39 | 20°32'21 | 4♌31 | 24°14 | 6°23 | 7° 6 | 9°59 | 10° 3 | 17°30 | 11°51 | 28°26 | 13°29 | 12°57 | 21°49 | 19°15 | T 12 |
| W 13 | 5 28 35 | 21°33'25 | 18°14 | 25°49 | 7°30 | 7°45 | 10° 0 | 9°59 | 17°31 | 11°53 | 28°27 | 13°29 | 12°54 | 21°56 | 19°20 | W 13 |
| T 14 | 5 32 32 | 22°34'30 | 1♌43 | 27°24 | 8°37 | 8°24 | 10° 2 | 9°54 | 17°32 | 11°55 | 28°28 | 13°30 | 12°51 | 22° 2 | 19°26 | T 14 |
| F 15 | 5 36 28 | 23°35'36 | 14°59 | 28°59 | 9°44 | 9° 3 | 10° 4 | 9°50 | 17°32 | 11°56 | 28°29 | 13°31 | 12°48 | 22° 9 | 19°32 | F 15 |
| S 16 | 5 40 25 | 24°36'43 | 28° 2 | 0♌34 | 10°51 | 9°42 | 10° 7 | 9°45 | 17°32 | 11°58 | 28°30 | 13°32 | 12°45 | 22°16 | 19°37 | S 16 |
| S 17 | 5 44 21 | 25°37'51 | 10♌52 | 2° 9 | 11°58 | 10°21 | 10° 9 | 9°40 | 17°33 | 12° 0 | 28°31 | 13°R32 | 12°42 | 22°23 | 19°43 | S 17 |
| M 18 | 5 48 18 | 26°38'59 | 23°29 | 3°45 | 13° 4 | 11° 0 | 10°12 | 9°36 | 17°33 | 12° 2 | 28°32 | 13°32 | 12°38 | 22°29 | 19°48 | M 18 |
| T 19 | 5 52 15 | 27°40'07 | 5♌55 | 5°21 | 14°10 | 11°38 | 10°15 | 9°31 | 17°33 | 12° 3 | 28°33 | 13°31 | 12°35 | 22°36 | 19°54 | T 19 |
| W 20 | 5 56 11 | 28°41'17 | 18°10 | 6°57 | 15°16 | 12°17 | 10°18 | 9°26 | 17°33 | 12° 5 | 28°34 | 13°29 | 12°32 | 22°43 | 19°59 | W 20 |
| T 21 | 6 0 8 | 29°42'26 | 0♌15 | 8°33 | 16°22 | 12°56 | 10°21 | 9°21 | 17°34 | 12° 7 | 28°35 | 13°27 | 12°29 | 22°49 | 20° 4 | T 21 |
| F 22 | 6 4 4 | 0♌43'36 | 12°13 | 10° 9 | 17°27 | 13°35 | 10°24 | 9°16 | 17°R34 | 12° 8 | 28°36 | 13°24 | 12°26 | 22°56 | 20° 9 | F 22 |
| S 23 | 6 8 1 | 1°44'45 | 24° 6 | 11°45 | 18°33 | 14°14 | 10°28 | 9°11 | 17°34 | 12°10 | 28°37 | 13°21 | 12°22 | 23° 3 | 20°14 | S 23 |
| S 24 | 6 11 57 | 2°45'55 | 5♌56 | 13°21 | 19°37 | 14°53 | 10°32 | 9° 6 | 17°34 | 12°12 | 28°38 | 13°18 | 12°19 | 23°10 | 20°19 | S 24 |
| M 25 | 6 15 54 | 3°47'05 | 17°49 | 14°57 | 20°42 | 15°32 | 10°36 | 9° 1 | 17°33 | 12°13 | 28°39 | 13°17 | 12°16 | 23°16 | 20°23 | M 25 |
| T 26 | 6 19 50 | 4°48'14 | 29°48 | 16°33 | 21°46 | 16°11 | 10°40 | 8°57 | 17°33 | 12°15 | 28°40 | 13°D16 | 12°13 | 23°23 | 20°28 | T 26 |
| W 27 | 6 23 47 | 5°49'24 | 11♌59 | 18°10 | 22°50 | 16°50 | 10°45 | 8°52 | 17°33 | 12°16 | 28°41 | 13°16 | 12°10 | 23°30 | 20°33 | W 27 |
| T 28 | 6 27 44 | 6°50'33 | 24°25 | 19°45 | 23°54 | 17°29 | 10°49 | 8°47 | 17°33 | 12°18 | 28°42 | 13°17 | 12° 7 | 23°36 | 20°37 | T 28 |
| F 29 | 6 31 40 | 7°51'43 | 7♌11 | 21°21 | 24°58 | 18° 8 | 10°54 | 8°42 | 17°32 | 12°19 | 28°43 | 13°18 | 12° 3 | 23°43 | 20°41 | F 29 |
| S 30 | 6 35 37 | 8°52'52 | 20°21 | 22°56 | 26° 1 | 18°47 | 10°59 | 8°37 | 17°32 | 12°21 | 28°44 | 13°20 | 12° 0 | 23°50 | 20°46 | S 30 |
| S 31 | 6 39 33 | 9♌54'01 | 3♌57 | 24♌31 | 27♌3 | 19♌26 | 11♌4 | 8♌32 | 17♌31 | 12♌22 | 28♌45 | 13♌21 | 11♌57 | 23♌57 | 20♌50 | S 31 |

| Day | ☉ | ☾ | | ♊ | | ♋ | | ♌ | | ♍ | | ♎ | | ♏ | | ♐ | | ♑ | | ♒ | | ♓ | | ♈ | |
|------|-------|-------|------|-------|------|-------|------|-------|------|------|------|-------|------|------|------|-------|------|-------|-------|-------|-------|-------|------|------|-----|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat |
| F 1 | 21s53 | 7n51 | 3s41 | 22s 6 | 0s37 | 23s48 | 2s29 | 10s40 | 0n52 | 2n35 | 1s27 | 22n20 | 0s41 | 5n43 | 0n46 | 13s39 | 1n44 | 22s57 | 11s39 | 22n27 | 22n27 | 19s 8 | 8s40 | 1s42 | |
| S 2 | 22 2 | 13 4 | 2 43 | 22 27 | 0 43 | 23 35 | 2 28 | 10 54 | 0 52 | 2 35 | 1 27 | 22 21 | 0 41 | 5 42 | 0 46 | 13 39 | 1 44 | 22 57 | 11 39 | 22 27 | 22 27 | 19 6 | 8 43 | 1 42 | |
| S 3 | 22 10 | 17 48 | 1 35 | 22 48 | 0 49 | 23 22 | 2 28 | 11 8 | 0 51 | 2 35 | 1 27 | 22 21 | 0 41 | 5 42 | 0 46 | 13 40 | 1 44 | 22 57 | 11 38 | 22 27 | 22 26 | 19 4 | 8 45 | 1 42 | |
| M 4 | 22 18 | 21 40 | 0 19 | 23 7 | 0 55 | 23 8 | 2 27 | 11 22 | 0 51 | 2 36 | 1 27 | 22 22 | 0 41 | 5 42 | 0 46 | 13 40 | 1 44 | 22 56 | 11 38 | 22 27 | 22 26 | 19 2 | 8 48 | 1 42 | |
| T 5 | 22 26 | 24 20 | 0n59 | 23 25 | 1 1 | 22 53 | 2 26 | 11 35 | 0 50 | 2 36 | 1 26 | 22 22 | 0 41 | 5 41 | 0 46 | 13 41 | 1 44 | 22 56 | 11 38 | 22 27 | 22 25 | 19 1 | 8 50 | 1 41 | |
| W 6 | 22 33 | 25 26 | 2 15 | 23 42 | 1 7 | 22 37 | 2 25 | 11 49 | 0 50 | 2 36 | 1 26 | 22 22 | 0 41 | 5 41 | 0 46 | 13 41 | 1 44 | 22 55 | 11 38 | 22 27 | 22 25 | 18 59 | 8 52 | 1 41 | |
| T 7 | 22 40 | 24 49 | 3 23 | 23 58 | 1 12 | 22 22 | 2 24 | 12 2 | 0 50 | 2 37 | 1 26 | 22 23 | 0 41 | 5 41 | 0 46 | 13 42 | 1 44 | 22 55 | 11 38 | 22 27 | 22 25 | 18 57 | 8 54 | 1 41 | |
| F 8 | 22 47 | 22 31 | 4 17 | 24 13 | 1 18 | 22 5 | 2 22 | 12 16 | 0 49 | 2 37 | 1 25 | 22 23 | 0 41 | 5 40 | 0 46 | 13 43 | 1 45 | 22 54 | 11 37 | 22 27 | 22 24 | 18 55 | 8 57 | 1 41 | |
| S 9 | 22 53 | 18 49 | 4 55 | 24 26 | 1 23 | 21 48 | 2 21 | 12 29 | 0 49 | 2 38 | 1 25 | 22 24 | 0 41 | 5 40 | 0 46 | 13 43 | 1 45 | 22 54 | 11 37 | 22 27 | 22 24 | 18 53 | 8 59 | 1 41 | |
| S 10 | 22 58 | 14 2 | 5 15 | 24 38 | 1 28 | 21 30 | 2 19 | 12 42 | 0 49 | 2 39 | 1 25 | 22 24 | 0 41 | 5 40 | 0 46 | 13 44 | 1 45 | 22 53 | 11 37 | 22 27 | 22 23 | 18 51 | 9 1 | 1 41 | |
| M11 | 23 3 | 8 33 | 5 15 | 24 48 | 1 33 | 21 12 | 2 18 | 12 56 | 0 48 | 2 39 | 1 24 | 22 24 | 0 40 | 5 40 | 0 47 | 13 44 | 1 45 | 22 53 | 11 37 | 22 27 | 22 23 | 18 49 | 9 3 | 1 41 | |
| T 12 | 23 8 | 2 44 | 4 56 | 24 58 | 1 37 | 20 54 | 2 16 | 13 9 | 0 48 | 2 40 | 1 24 | 22 25 | 0 40 | 5 39 | 0 47 | 13 45 | 1 45 | 22 52 | 11 36 | 22 27 | 22 23 | 18 47 | 9 5 | 1 40 | |
| W13 | 23 12 | 3s 8 | 4 21 | 25 6 | 1 42 | 20 34 | 2 14 | 13 22 | 0 47 | 2 41 | 1 24 | 22 25 | 0 40 | 5 39 | 0 47 | 13 45 | 1 45 | 22 52 | 11 36 | 22 27 | 22 22 | 18 45 | 9 7 | 1 40 | |
| T 14 | 23 15 | 8 47 | 3 32 | 25 12 | 1 46 | 20 15 | 2 12 | 13 35 | 0 47 | 2 42 | 1 23 | 22 26 | 0 40 | 5 39 | 0 47 | 13 46 | 1 45 | 22 51 | 11 36 | 22 27 | 22 22 | 18 43 | 9 9 | 1 40 | |
| F 15 | 23 19 | 13 56 | 2 32 | 25 17 | 1 50 | 19 55 | 2 10 | 13 48 | 0 47 | 2 43 | 1 23 | 22 26 | 0 40 | 5 39 | 0 47 | 13 46 | 1 45 | 22 51 | 11 36 | 22 27 | 22 21 | 18 42 | 9 11 | 1 40 | |
| S 16 | 23 21 | 18 22 | 1 25 | 25 21 | 1 53 | 19 34 | 2 7 | 14 0 | 0 46 | 2 44 | 1 23 | 22 26 | 0 40 | 5 39 | 0 47 | 13 47 | 1 45 | 22 50 | 11 35 | 22 27 | 22 21 | 18 40 | 9 13 | 1 40 | |
| S 17 | 23 24 | 21 51 | 0 15 | 25 23 | 1 57 | 19 13 | 2 5 | 14 13 | 0 46 | 2 46 | 1 23 | 22 27 | 0 40 | 5 39 | 0 47 | 13 47 | 1 45 | 22 50 | 11 35 | 22 27 | 22 21 | 18 38 | 9 15 | 1 40 | |
| M18 | 23 25 | 24 13 | 0s55 | 25 24 | 2 0 | 18 52 | 2 2 | 14 25 | 0 45 | 2 47 | 1 22 | 22 27 | 0 40 | 5 39 | 0 47 | 13 48 | 1 45 | 22 49 | 11 35 | 22 27 | 22 20 | 18 36 | 9 17 | 1 39 | |
| T 19 | 23 27 | 25 21 | 2 1 | 25 24 | 2 2 | 18 30 | 1 59 | 14 38 | 0 45 | 2 48 | 1 22 | 22 28 | 0 40 | 5 39 | 0 47 | 13 48 | 1 45 | 22 49 | 11 35 | 22 27 | 22 20 | 18 34 | 9 19 | 1 39 | |
| W20 | 23 28 | 25 12 | 3 0 | 25 21 | 2 5 | 18 8 | 1 56 | 14 50 | 0 44 | 2 50 | 1 22 | 22 28 | 0 40 | 5 39 | 0 47 | 13 49 | 1 45 | 22 48 | 11 35 | 22 27 | 22 19 | 18 32 | 9 21 | 1 39 | |
| T 21 | 23 28 | 23 52 | 3 50 | 25 18 | 2 7 | 17 45 | 1 53 | 15 2 | 0 44 | 2 51 | 1 21 | 22 29 | 0 40 | 5 39 | 0 47 | 13 49 | 1 45 | 22 48 | 11 34 | 22 26 | 22 19 | 18 30 | 9 23 | 1 39 | |
| F 22 | 23 28 | 21 28 | 4 30 | 25 12 | 2 8 | 17 22 | 1 50 | 15 15 | 0 44 | 2 53 | 1 21 | 22 29 | 0 40 | 5 39 | 0 47 | 13 50 | 1 45 | 22 47 | 11 34 | 22 26 | 22 19 | 18 28 | 9 25 | 1 39 | |
| S 23 | 23 27 | 18 11 | 4 57 | 25 6 | 2 9 | 16 58 | 1 47 | 15 27 | 0 43 | 2 55 | 1 21 | 22 29 | 0 39 | 5 39 | 0 47 | 13 50 | 1 45 | 22 47 | 11 34 | 22 26 | 22 18 | 18 26 | 9 26 | 1 39 | |
| S 24 | 23 26 | 14 11 | 5 12 | 24 57 | 2 10 | 16 35 | 1 43 | 15 38 | 0 43 | 2 57 | 1 20 | 22 30 | 0 39 | 5 39 | 0 47 | 13 51 | 1 45 | 22 46 | 11 34 | 22 25 | 22 18 | 18 24 | 9 28 | 1 39 | |
| M25 | 23 25 | 9 38 | 5 14 | 24 47 | 2 11 | 16 11 | 1 39 | 15 50 | 0 42 | 2 58 | 1 20 | 22 30 | 0 39 | 5 39 | 0 47 | 13 51 | 1 45 | 22 45 | 11 34 | 22 25 | 22 17 | 18 22 | 9 30 | 1 38 | |
| T 26 | 23 23 | 4 42 | 5 2 | 24 36 | 2 11 | 15 46 | 1 36 | 16 2 | 0 42 | 3 0 | 1 20 | 22 31 | 0 39 | 5 39 | 0 47 | 13 51 | 1 45 | 22 45 | 11 33 | 22 25 | 22 17 | 18 20 | 9 31 | 1 38 | |
| W27 | 23 20 | 0n30 | 4 36 | 24 23 | 2 10 | 15 22 | 1 32 | 16 14 | 0 41 | 3 2 | 1 20 | 22 31 | 0 39 | 5 39 | 0 47 | 13 52 | 1 45 | 22 44 | 11 33 | 22 25 | 22 17 | 18 18 | 9 33 | 1 38 | |
| T 28 | 23 17 | 5 47 | 3 57 | 24 8 | 2 9 | 14 57 | 1 27 | 16 25 | 0 41 | 3 4 | 1 19 | 22 32 | 0 39 | 5 39 | 0 47 | 13 52 | 1 45 | 22 44 | 11 33 | 22 25 | 22 16 | 18 16 | 9 34 | 1 38 | |
| F 29 | 23 14 | 11 0 | 3 6 | 23 52 | 2 7 | 14 31 | 1 23 | 16 36 | 0 40 | 3 7 | 1 19 | 22 32 | 0 39 | 5 39 | 0 47 | 13 53 | 1 45 | 22 43 | 11 33 | 22 25 | 22 16 | 18 14 | 9 36 | 1 38 | |
| S 30 | 23 10 | 15 53 | 2 3 | 23 34 | 2 5 | 14 6 | 1 19 | 16 48 | 0 40 | 3 9 | 1 19 | 22 33 | 0 39 | 5 39 | 0 47 | 13 53 | 1 45 | 22 43 | 11 33 | 22 25 | 22 15 | 18 12 | 9 37 | 1 38 | |
| S 31 | 23s 6 | 20n 7 | 0s51 | 23s15 | 2s 2 | 13s40 | 1s14 | 16s59 | 0n39 | 3n11 | 1s18 | 22n33 | 0s39 | 5n40 | 0n47 | 13s53 | 1n45 | 22s42 | 11s33 | 22n26 | 22n15 | 18s10 | 9s39 | 1s38 | |