



Astrodienst Ephemeris Tables for the year 1825

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 1825
geocentric

JANUARY 1825

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|---------|----------|----------|----------|----------|----------|----------|---------|----------|----------|---------|----------|----------|----------|----------|------|
| S 1 | 6 41 24 | 10°21'52 | 19°8'56 | 29°34'5 | 18°14'14 | 15°15'15 | 11°R59 | 1°R47 | 15°34'34 | 9°22'22 | 1°Y 9 | 0°19'19 | 29°44'44 | 12°38'38 | 13°Y 7 | S 1 |
| S 2 | 6 45 21 | 11°23'01 | 3°II 1 | 0°42'42 | 19°27'27 | 16° 2'2 | 11°Ω53 | 1°II44 | 15°37'37 | 9°24'24 | 1°10'10 | 0°20'20 | 29°41'41 | 12°44'44 | 13° 7'7 | S 2 |
| M 3 | 6 49 17 | 12°24'10 | 16°30'30 | 1°32'32 | 20°40'40 | 16°49'49 | 11°47'47 | 1°41'41 | 15°41'41 | 9°27'27 | 1°10'10 | 0°20'20 | 29°37'37 | 12°51'51 | 13° 8'8 | M 3 |
| T 4 | 6 53 14 | 13°25'18 | 0°32'32 | 2°15'15 | 21°52'52 | 17°36'36 | 11°40'40 | 1°38'38 | 15°44'44 | 9°29'29 | 1°11'11 | 0°R21 | 29°34'34 | 12°58'58 | 13° 8'8 | T 4 |
| W 5 | 6 57 10 | 14°26'27 | 14°35'35 | 2°50'50 | 23° 5'5 | 18°24'24 | 11°34'34 | 1°35'35 | 15°48'48 | 9°31'31 | 1°11'11 | 0°20'20 | 29°31'31 | 13° 5'5 | 13° 9'9 | W 5 |
| T 6 | 7 1 7 | 15°27'35 | 29° 4'4 | 3°15'15 | 24°17'17 | 19°11'11 | 11°28'28 | 1°32'32 | 15°52'52 | 9°33'33 | 1°12'12 | 0°19'19 | 29°28'28 | 13°11'11 | 13° 9'9 | T 6 |
| F 7 | 7 5 4 | 16°28'43 | 13°Ω44 | 3°30'30 | 25°29'29 | 19°58'58 | 11°21'21 | 1°29'29 | 15°55'55 | 9°36'36 | 1°12'12 | 0°17'17 | 29°25'25 | 13°18'18 | 13°10'10 | F 7 |
| S 8 | 7 9 0 | 17°29'51 | 28°26'26 | 3°R34 | 26°41'41 | 20°45'45 | 11°14'14 | 1°27'27 | 15°59'59 | 9°38'38 | 1°13'13 | 0°15'15 | 29°21'21 | 13°25'25 | 13°11'11 | S 8 |
| S 9 | 7 12 57 | 18°30'59 | 13°II 5 | 3°27'27 | 27°54'54 | 21°32'32 | 11° 7'7 | 1°24'24 | 16° 2'2 | 9°40'40 | 1°13'13 | 0°13'13 | 29°18'18 | 13°31'31 | 13°12'12 | S 9 |
| M10 | 7 16 53 | 19°32'07 | 27°35'35 | 3° 8'8 | 29° 6'6 | 22°20'20 | 11° 0'0 | 1°22'22 | 16° 6'6 | 9°42'42 | 1°14'14 | 0°11'11 | 29°15'15 | 13°38'38 | 13°13'13 | M10 |
| T 11 | 7 20 50 | 20°33'14 | 11°Δ51 | 2°37'37 | 0°X18 | 23° 7'7 | 10°53'53 | 1°19'19 | 16° 9'9 | 9°45'45 | 1°15'15 | 0°10'10 | 29°12'12 | 13°45'45 | 13°14'14 | T 11 |
| W12 | 7 24 46 | 21°34'22 | 25°51'51 | 1°55'55 | 1°30'30 | 23°54'54 | 10°46'46 | 1°17'17 | 16°13'13 | 9°47'47 | 1°15'15 | 0°D 9 | 29° 9'9 | 13°52'52 | 13°15'15 | W12 |
| T 13 | 7 28 43 | 22°35'30 | 9°II34 | 1° 2'2 | 2°41'41 | 24°41'41 | 10°39'39 | 1°15'15 | 16°16'16 | 9°49'49 | 1°16'16 | 0°10'10 | 29° 6'6 | 13°58'58 | 13°16'16 | T 13 |
| F 14 | 7 32 39 | 23°36'37 | 23° 1'1 | 0° 0'0 | 3°53'53 | 25°28'28 | 10°32'32 | 1°13'13 | 16°20'20 | 9°51'51 | 1°16'16 | 0°12'12 | 29° 2'2 | 14° 5'5 | 13°17'17 | F 14 |
| S 15 | 7 36 36 | 24°37'44 | 6°X13 | 28°35'5 | 5° 5'5 | 26°15'15 | 10°24'24 | 1°11'11 | 16°24'24 | 9°54'54 | 1°17'17 | 0°13'13 | 28°59'59 | 14°12'12 | 13°18'18 | S 15 |
| S 16 | 7 40 33 | 25°38'51 | 19°11'11 | 27°37'37 | 6°16'16 | 27° 3'3 | 10°17'17 | 1° 9'9 | 16°27'27 | 9°56'56 | 1°18'18 | 0°15'15 | 28°56'56 | 14°18'18 | 13°19'19 | S 16 |
| M17 | 7 44 29 | 26°39'58 | 1°35'56 | 26°19'19 | 7°28'28 | 27°50'50 | 10° 9'9 | 1° 7'7 | 16°31'31 | 9°58'58 | 1°19'19 | 0°R15 | 28°53'53 | 14°25'25 | 13°21'21 | M17 |
| T 18 | 7 48 26 | 27°41'04 | 14°29'29 | 25° 2'2 | 8°39'39 | 28°37'37 | 10° 2'2 | 1° 6'6 | 16°34'34 | 10° 0'0 | 1°19'19 | 0°14'14 | 28°50'50 | 14°32'32 | 13°22'22 | T 18 |
| W19 | 7 52 22 | 28°42'09 | 26°53'53 | 23°46'46 | 9°50'50 | 29°24'24 | 9°54'54 | 1° 4'4 | 16°38'38 | 10° 2'2 | 1°20'20 | 0°12'12 | 28°47'47 | 14°39'39 | 13°24'24 | W19 |
| T 20 | 7 56 19 | 29°43'14 | 9°X 6 | 22°34'34 | 11° 1'1 | 0°X11 | 9°46'46 | 1° 3'3 | 16°41'41 | 10° 5'5 | 1°21'21 | 0° 8'8 | 28°43'43 | 14°45'45 | 13°25'25 | T 20 |
| F 21 | 8 0 15 | 0°44'18 | 21°12'12 | 21°27'27 | 12°12'12 | 0°58'58 | 9°38'38 | 1° 1'1 | 16°45'45 | 10° 7'7 | 1°22'22 | 0° 3'3 | 28°40'40 | 14°52'52 | 13°27'27 | F 21 |
| S 22 | 8 4 12 | 1°45'20 | 3°X10 | 20°28'28 | 13°23'23 | 1°46'46 | 9°30'30 | 1° 0'0 | 16°48'48 | 10° 9'9 | 1°23'23 | 29°47'57 | 28°37'37 | 14°59'59 | 13°28'28 | S 22 |
| S 23 | 8 8 9 | 2°46'22 | 15° 4'4 | 19°37'37 | 14°34'34 | 2°33'33 | 9°23'23 | 0°59'59 | 16°52'52 | 10°11'11 | 1°23'23 | 29°50'50 | 28°34'34 | 15° 5'5 | 13°30'30 | S 23 |
| M24 | 8 12 5 | 3°47'23 | 26°55'55 | 18°54'54 | 15°45'45 | 3°20'20 | 9°15'15 | 0°58'58 | 16°55'55 | 10°13'13 | 1°24'24 | 29°45'45 | 28°31'31 | 15°12'12 | 13°31'31 | M24 |
| T 25 | 8 16 2 | 4°48'23 | 8°Y47 | 18°21'21 | 16°55'55 | 4° 7'7 | 9° 7'7 | 0°57'57 | 16°59'59 | 10°15'15 | 1°25'25 | 29°40'40 | 28°27'27 | 15°19'19 | 13°33'33 | T 25 |
| W26 | 8 19 58 | 5°49'22 | 20°43'43 | 17°56'56 | 18° 6'6 | 4°54'54 | 8°59'59 | 0°57'57 | 17° 2'2 | 10°17'17 | 1°26'26 | 29°37'37 | 28°24'24 | 15°26'26 | 13°35'35 | W26 |
| T 27 | 8 23 55 | 6°50'20 | 2°X48 | 17°41'41 | 19°16'16 | 5°41'41 | 8°51'51 | 0°56'56 | 17° 5'5 | 10°19'19 | 1°27'27 | 29°D36 | 28°21'21 | 15°32'32 | 13°37'37 | T 27 |
| F 28 | 8 27 51 | 7°51'16 | 15° 8'8 | 17°D33 | 20°26'26 | 6°28'28 | 8°43'43 | 0°55'55 | 17° 9'9 | 10°22'22 | 1°28'28 | 29°36'36 | 28°18'18 | 15°39'39 | 13°39'39 | F 28 |
| S 29 | 8 31 48 | 8°52'11 | 27°45'45 | 17°34'34 | 21°36'36 | 7°15'15 | 8°35'35 | 0°55'55 | 17°12'12 | 10°24'24 | 1°29'29 | 29°37'37 | 28°15'15 | 15°46'46 | 13°40'40 | S 29 |
| S 30 | 8 35 44 | 9°53'05 | 10°II46 | 17°42'42 | 22°46'46 | 8° 2'2 | 8°27'27 | 0°55'55 | 17°16'16 | 10°26'26 | 1°30'30 | 29°39'39 | 28°12'12 | 15°52'52 | 13°42'42 | S 30 |
| M31 | 8 39 41 | 10°53'57 | 24°II13 | 17°35'57 | 23°X56 | 8°X49 | 8°Ω19 | 0°II55 | 17°19'19 | 10°28'28 | 1°Y31 | 29°R40 | 28°X 8 | 15°X59 | 13°Y44 | M31 |

| Day | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl |
| S 1 | 23s 3 | 21n 2 | 3n26 | 21s14 | 1s 2 | 17s 6 | 1s49 | 17s23 | 1s 9 | 17n55 | 0n44 | 18n36 | 1s59 | 22s57 | 0s24 | 22s15 |
| S 2 | 22 58 | 23 10 | 2 26 | 20 50 | 0 50 | 16 42 | 1 48 | 17 8 | 1 9 | 17 57 | 0 44 | 18 35 | 1 59 | 22 56 | 0 24 | 22 15 |
| M 3 | 22 53 | 24 2 | 1 16 | 20 26 | 0 37 | 16 18 | 1 47 | 16 54 | 1 8 | 17 59 | 0 44 | 18 35 | 1 58 | 22 56 | 0 24 | 22 15 |
| T 4 | 22 47 | 23 28 | 0s 0 | 20 3 | 0 23 | 15 53 | 1 45 | 16 39 | 1 8 | 18 1 | 0 44 | 18 35 | 1 58 | 22 56 | 0 24 | 22 15 |
| W 5 | 22 41 | 21 22 | 1 18 | 19 40 | 0 8 | 15 28 | 1 44 | 16 24 | 1 8 | 18 3 | 0 45 | 18 34 | 1 58 | 22 55 | 0 24 | 22 15 |
| T 6 | 22 34 | 17 53 | 2 32 | 19 19 | 0n 8 | 15 3 | 1 42 | 16 9 | 1 7 | 18 5 | 0 45 | 18 34 | 1 58 | 22 55 | 0 24 | 22 14 |
| F 7 | 22 27 | 13 15 | 3 37 | 18 59 | 0 25 | 14 37 | 1 40 | 15 54 | 1 7 | 18 7 | 0 45 | 18 34 | 1 58 | 22 54 | 0 24 | 22 14 |
| S 8 | 22 19 | 7 50 | 4 28 | 18 40 | 0 43 | 14 10 | 1 39 | 15 38 | 1 6 | 18 9 | 0 45 | 18 33 | 1 57 | 22 54 | 0 24 | 22 14 |
| S 9 | 22 11 | 2 0 | 5 1 | 18 24 | 1 2 | 13 44 | 1 37 | 15 22 | 1 6 | 18 11 | 0 45 | 18 33 | 1 57 | 22 54 | 0 24 | 22 14 |
| M10 | 22 2 | 3s51 | 5 15 | 18 10 | 1 21 | 13 17 | 1 35 | 15 7 | 1 5 | 18 13 | 0 45 | 18 33 | 1 57 | 22 53 | 0 24 | 22 14 |
| T 11 | 21 53 | 9 25 | 5 9 | 17 59 | 1 40 | 12 49 | 1 33 | 14 51 | 1 5 | 18 15 | 0 46 | 18 33 | 1 57 | 22 53 | 0 24 | 22 14 |
| W12 | 21 44 | 14 24 | 4 44 | 17 50 | 1 58 | 12 22 | 1 31 | 14 35 | 1 4 | 18 17 | 0 46 | 18 32 | 1 56 | 22 52 | 0 24 | 22 14 |
| T 13 | 21 34 | 18 33 | 4 4 | 17 44 | 2 16 | 11 54 | 1 28 | 14 18 | 1 4 | 18 19 | 0 46 | 18 32 | 1 56 | 22 52 | 0 24 | 22 13 |
| F 14 | 21 24 | 21 37 | 3 11 | 17 41 | 2 33 | 11 26 | 1 26 | 14 2 | 1 3 | 18 21 | 0 46 | 18 32 | 1 56 | 22 51 | 0 24 | 22 13 |
| S 15 | 21 13 | 23 28 | 2 8 | 17 40 | 2 48 | 10 57 | 1 23 | 13 46 | 1 3 | 18 24 | 0 46 | 18 32 | 1 56 | 22 51 | 0 24 | 22 13 |
| S 16 | 21 2 | 24 2 | 1 1 | 17 42 | 3 1 | 10 28 | 1 21 | 13 29 | 1 2 | 18 26 | 0 47 | 18 32 | 1 55 | 22 51 | 0 24 | 22 13 |
| M17 | 20 51 | 23 18 | 0n 9 | 17 46 | 3 12 | 9 59 | 1 18 | 13 12 | 1 2 | 18 28 | 0 47 | 18 32 | 1 55 | 22 50 | 0 24 | 22 13 |
| T 18 | 20 39 | 21 23 | 1 17 | 17 51 | 3 21 | 9 30 | 1 16 | 12 55 | 1 1 | 18 30 | 0 47 | 18 32 | 1 55 | 22 50 | 0 24 | 22 13 |
| W19 | 20 26 | 18 30 | 2 21 | 17 58 | 3 27 | 9 1 | 1 13 | 12 38 | 1 1 | 18 32 | 0 47 | 18 31 | 1 54 | 22 49 | 0 24 | 22 12 |
| T 20 | 20 14 | 14 50 | 3 17 | 18 7 | 3 31 | 8 31 | 1 10 | 12 21 | 1 0 | 18 35 | 0 47 | 18 31 | 1 54 | 22 49 | 0 24 | 22 12 |
| F 21 | 20 1 | 10 36 | 4 3 | 18 16 | 3 32 | 8 1 | 1 7 | 12 4 | 1 0 | 18 37 | 0 47 | 18 31 | 1 54 | 22 49 | 0 24 | 22 12 |
| S 22 | 19 47 | 6 1 | 4 38 | 18 26 | 3 31 | 7 31 | 1 4 | 11 47 | 0 59 | 18 39 | 0 47 | 18 31 | 1 54 | 22 48 | 0 24 | 22 12 |
| S 23 | 19 33 | 1 16 | 5 1 | 18 36 | 3 27 | 7 1 | 1 1 | 11 29 | 0 59 | 18 41 | 0 48 | 18 32 | 1 53 | 22 48 | 0 24 | 22 12 |
| M24 | 19 19 | 3n31 | 5 11 | 18 47 | 3 23 | 6 30 | 0 57 | 11 12 | 0 58 | 18 44 | 0 48 | 18 32 | 1 53 | 22 47 | 0 24 | 22 12 |
| T 25 | 19 5 | 8 11 | 5 7 | 18 58 | 3 16 | 6 0 | 0 54 | 10 54 | 0 58 | 18 46 | 0 48 | 18 32 | 1 53 | 22 47 | 0 24 | 22 11 |
| W26 | 18 50 | 12 35 | 4 50 | 19 9 | 3 8 | 5 29 | 0 51 | 10 36 | 0 57 | 18 48 | 0 48 | 18 32 | 1 53 | 22 46 | 0 24 | 22 11 |
| T 27 | 18 35 | 16 32 | 4 21 | 19 19 | 3 0 | 4 58 | 0 47 | 10 19 | 0 57 | 18 50 | 0 48 | 18 32 | 1 52 | 22 46 | 0 24 | 22 11 |
| F 28 | 18 19 | 19 52 | 3 38 | 19 30 | 2 50 | 4 28 | 0 43 | 10 1 | 0 56 | 18 53 | 0 48 | 18 32 | 1 52 | 22 46 | 0 24 | 22 11 |
| S 29 | 18 3 | 22 21 | 2 45 | 19 40 | 2 40 | 3 57 | 0 40 | 9 43 | 0 55 | 18 55 | 0 48 | 18 32 | 1 52 | 22 45 | 0 24 | 22 11 |
| S 30 | 17 47 | 23 45 | 1 41 | 19 49 | 2 29 | 3 25 | 0 36 | 9 25 | 0 55 | 18 57 | 0 48 | 18 32 | 1 52 | 22 45 | 0 24 | 22 11 |
| M31 | 17s31 | 23n50 | 0n30 | 19s58 | 2n18 | 2s54 | 0s32 | 9s 7 | 0s54 | 18n59 | 0n49 | 18n33 | 1s51 | 22s44 | 0s24 | 22s10 |

Julian Day Number = 2387627.5, Delta T = 14.19 sec
Ecliptic obliquity = 23°27'43, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°17'48, Lahiri = 21°24'49

ASTRODIENST EPHEMERIS for the year 1825

geocentric

FEBRUARY 1825

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|----------|----------|----------|----------|----------|---------|---------|----------|----------|---------|----------|----------|----------|----------|------|
| T 1 | 8 43 38 | 11°54'49 | 8°57' 7 | 18°31'18 | 25°51' 5 | 9°36'36 | 8°R11 | 0°D55 | 17°32'22 | 10°33'30 | 1°37'32 | 29°R40 | 28°57' 5 | 16°31' 6 | 13°47'47 | T 1 |
| W 2 | 8 47 34 | 12°55'39 | 22°30' 0 | 18°45'15 | 26°15'15 | 10°23'23 | 8°Ω 3 | 0°II55 | 17°26'26 | 10°32'32 | 1°33'33 | 29°38'38 | 28° 2' 2 | 16°13'13 | 13°49'49 | W 2 |
| T 3 | 8 51 31 | 13°56'27 | 7°Ω15 | 19°18'18 | 27°24'24 | 11°10'10 | 7°55'55 | 0°55'55 | 17°29'29 | 10°34'34 | 1°34'34 | 29°34'34 | 27°59'59 | 16°19'19 | 13°51'51 | T 3 |
| F 4 | 8 55 27 | 14°57'14 | 22°17'17 | 19°55'55 | 28°33'33 | 11°57'57 | 7°47'47 | 0°55'55 | 17°32'32 | 10°36'36 | 1°35'35 | 29°28'28 | 27°56'56 | 16°26'26 | 13°53'53 | F 4 |
| S 5 | 8 59 24 | 15°58'00 | 7°η26 | 20°37'37 | 29°42'42 | 12°44'44 | 7°39'39 | 0°55'55 | 17°35'35 | 10°38'38 | 1°36'36 | 29°20'20 | 27°53'53 | 16°33'33 | 13°55'55 | S 5 |
| S 6 | 9 3 20 | 16°58'45 | 22°32'32 | 21°23'23 | 0°Υ50 | 13°31'31 | 7°31'31 | 0°56'56 | 17°39'39 | 10°40'40 | 1°37'37 | 29°13'13 | 27°49'49 | 16°40'40 | 13°58'58 | S 6 |
| M 7 | 9 7 17 | 17°59'29 | 7°Δ25 | 22°13'13 | 1°59'59 | 14°17'17 | 7°23'23 | 0°57'57 | 17°42'42 | 10°41'41 | 1°39'39 | 29° 6' 6 | 27°46'46 | 16°46'46 | 14° 0' 0 | M 7 |
| T 8 | 9 11 13 | 19° 0'12 | 21°59'59 | 23° 6' 6 | 3° 7' 7 | 15° 4' 4 | 7°16'16 | 0°57'57 | 17°45'45 | 10°43'43 | 1°40'40 | 29° 1' 1 | 27°43'43 | 16°53'53 | 14° 2' 2 | T 8 |
| W 9 | 9 15 10 | 20° 0'53 | 6°Π 9 | 24° 3' 3 | 4°16'16 | 15°51'51 | 7° 8' 8 | 0°58'58 | 17°48'48 | 10°45'45 | 1°41'41 | 28°58'58 | 27°40'40 | 17° 0' 0 | 14° 5' 5 | W 9 |
| T 10 | 9 19 6 | 21° 1'34 | 19°53'53 | 25° 2' 2 | 5°24'24 | 16°38'38 | 7° 0' 0 | 0°59'59 | 17°51'51 | 10°47'47 | 1°42'42 | 28°D57 | 27°37'37 | 17° 6' 6 | 14° 7' 7 | T 10 |
| F 11 | 9 23 3 | 22° 2'14 | 3°315 | 26° 4' 4 | 6°31'31 | 17°25'25 | 6°53'53 | 1° 0' 0 | 17°54'54 | 10°49'49 | 1°43'43 | 28°58'58 | 27°33'33 | 17°13'13 | 14°10'10 | F 11 |
| S 12 | 9 27 0 | 23° 2'52 | 16°15'15 | 27° 9' 9 | 7°39'39 | 18°11'11 | 6°45'45 | 1° 1' 1 | 17°58'58 | 10°51'51 | 1°44'44 | 28°59'59 | 27°30'30 | 17°20'20 | 14°12'12 | S 12 |
| S 13 | 9 30 56 | 24° 3'29 | 28°57'57 | 28°15'15 | 8°46'46 | 18°58'58 | 6°38'38 | 1° 3' 3 | 18° 1' 1 | 10°52'52 | 1°46'46 | 28°R59 | 27°27'27 | 17°27'27 | 14°15'15 | S 13 |
| M14 | 9 34 53 | 25° 4'06 | 11°326 | 29°24'24 | 9°54'54 | 19°45'45 | 6°31'31 | 1° 4' 4 | 18° 4' 4 | 10°54'54 | 1°47'47 | 28°58'58 | 27°24'24 | 17°33'33 | 14°17'17 | M14 |
| T 15 | 9 38 49 | 26° 4'40 | 23°43 | 0°35 | 11° 0' 0 | 20°31'31 | 6°24'24 | 1° 6' 6 | 18° 7' 7 | 10°56'56 | 1°48'48 | 28°55'55 | 27°21'21 | 17°40'40 | 14°20'20 | T 15 |
| W16 | 9 42 46 | 27° 5'14 | 5°52 | 1°48 | 12° 7' 7 | 21°18'18 | 6°17'17 | 1° 7' 7 | 18°10'10 | 10°58'58 | 1°49'49 | 28°49'49 | 27°18'18 | 17°47'47 | 14°23'23 | W16 |
| T 17 | 9 46 42 | 28° 5'45 | 17°55'55 | 3° 3' 3 | 13°14'14 | 22° 4' 4 | 6°10'10 | 1° 9' 9 | 18°13'13 | 10°59'59 | 1°51'51 | 28°41'41 | 27°14'14 | 17°53'53 | 14°25'25 | T 17 |
| F 18 | 9 50 39 | 29° 6'16 | 29°52'52 | 4°19'19 | 14°20'20 | 22°51'51 | 6° 3' 3 | 1°11'11 | 18°15'15 | 11° 1' 1 | 1°52'52 | 28°30'30 | 27°11'11 | 18° 0' 0 | 14°28'28 | F 18 |
| S 19 | 9 54 36 | 0°36'44 | 11°347 | 5°36'36 | 15°26'26 | 23°37'37 | 5°56'56 | 1°13'13 | 18°18'18 | 11° 3' 3 | 1°53'53 | 28°18'18 | 27° 8' 8 | 18° 7' 7 | 14°31'31 | S 19 |
| S 20 | 9 58 32 | 1° 7'11 | 23°39'39 | 6°55'55 | 16°32'32 | 24°24'24 | 5°49'49 | 1°15'15 | 18°21'21 | 11° 4' 4 | 1°54'54 | 28° 5' 5 | 27° 5' 5 | 18°14'14 | 14°34'34 | S 20 |
| M21 | 10 2 29 | 2° 7'36 | 5°Υ30 | 8°16'16 | 17°37'37 | 25°10'10 | 5°43'43 | 1°17'17 | 18°24'24 | 11° 6' 6 | 1°56'56 | 27°53'53 | 27° 2' 2 | 18°20'20 | 14°37'37 | M21 |
| T 22 | 10 6 25 | 3° 7'59 | 17°23'23 | 9°38'38 | 18°43'43 | 25°57'57 | 5°36'36 | 1°19'19 | 18°27'27 | 11° 8' 8 | 1°57'57 | 27°43'43 | 26°58'58 | 18°27'27 | 14°40'40 | T 22 |
| W23 | 10 10 22 | 4° 8'21 | 29°20'20 | 11° 1' 1 | 19°48'48 | 26°43'43 | 5°30'30 | 1°22'22 | 18°30'30 | 11° 9' 9 | 1°58'58 | 27°35'35 | 26°55'55 | 18°34'34 | 14°42'42 | W23 |
| T 24 | 10 14 18 | 5° 8'40 | 11°325 | 12°26'26 | 20°52'52 | 27°30'30 | 5°24'24 | 1°24'24 | 18°32'32 | 11°11'11 | 2° 0' 0 | 27°29'29 | 26°52'52 | 18°41'41 | 14°45'45 | T 24 |
| F 25 | 10 18 15 | 6° 8'58 | 23°41'41 | 13°51'51 | 21°57'57 | 28°16'16 | 5°18'18 | 1°27'27 | 18°35'35 | 11°12'12 | 2° 1' 1 | 27°27'27 | 26°49'49 | 18°47'47 | 14°48'48 | F 25 |
| S 26 | 10 22 11 | 7° 9'14 | 6°Π13 | 15°18'18 | 23° 1' 1 | 29° 2' 2 | 5°12'12 | 1°29'29 | 18°38'38 | 11°14'14 | 2° 2' 2 | 27°D26 | 26°46'46 | 18°54'54 | 14°52'52 | S 26 |
| S 27 | 10 26 8 | 8° 9'27 | 19° 6' 6 | 16°46'46 | 24° 5' 5 | 29°48'48 | 5° 6' 6 | 1°32'32 | 18°40'40 | 11°15'15 | 2° 4' 4 | 27°26'26 | 26°43'43 | 19° 1' 1 | 14°55'55 | S 27 |
| M28 | 10 30 4 | 9°39'39 | 2°24 | 18°16 | 25°Υ 8 | 0°Υ35 | 5°Ω 1 | 1°II35 | 18°343 | 11°317 | 2°Υ 5 | 27°R26 | 26°39 | 19°37 | 14°Υ58 | M28 |

| Day | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ |
|------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | decl | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat |
| T 1 | 17s14 | 22n27 | 0s46 | 20s 7 | 2n 7 | 2s23 | 0s28 | 8s48 | 0s54 | 19n 1 | 0n49 | 18n33 | 1s51 | 22s44 | 0s24 | 22s10 |
| W 2 | 16 57 | 19 36 | 2 0 | 20 14 | 1 56 | 1 52 | 0 24 | 8 30 | 0 53 | 19 3 | 0 49 | 18 33 | 1 51 | 22 44 | 0 24 | 22 10 |
| T 3 | 16 40 | 15 26 | 3 9 | 20 21 | 1 45 | 1 21 | 0 20 | 8 12 | 0 53 | 19 6 | 0 49 | 18 34 | 1 50 | 22 43 | 0 24 | 22 10 |
| F 4 | 16 22 | 10 13 | 4 6 | 20 27 | 1 33 | 0 49 | 0 16 | 7 53 | 0 52 | 19 8 | 0 49 | 18 34 | 1 50 | 22 43 | 0 24 | 22 10 |
| S 5 | 16 4 | 4 22 | 4 46 | 20 32 | 1 22 | 0 18 | 0 12 | 7 35 | 0 51 | 19 10 | 0 49 | 18 34 | 1 50 | 22 42 | 0 24 | 22 10 |
| S 6 | 15 46 | 1s43 | 5 5 | 20 35 | 1 11 | 0n13 | 0 7 | 7 16 | 0 51 | 19 12 | 0 49 | 18 35 | 1 50 | 22 42 | 0 24 | 22 9 |
| M 7 | 15 27 | 7 36 | 5 4 | 20 38 | 1 0 | 0 45 | 0 3 | 6 58 | 0 50 | 19 14 | 0 49 | 18 35 | 1 49 | 22 41 | 0 24 | 22 9 |
| T 8 | 15 8 | 12 57 | 4 43 | 20 40 | 0 49 | 1 16 | 0n 1 | 6 39 | 0 50 | 19 16 | 0 49 | 18 35 | 1 49 | 22 41 | 0 24 | 22 9 |
| W 9 | 14 49 | 17 26 | 4 5 | 20 41 | 0 39 | 1 47 | 0 6 | 6 20 | 0 49 | 19 18 | 0 49 | 18 36 | 1 49 | 22 41 | 0 24 | 22 9 |
| T 10 | 14 30 | 20 51 | 3 14 | 20 41 | 0 29 | 2 18 | 0 10 | 6 2 | 0 48 | 19 20 | 0 49 | 18 36 | 1 49 | 22 40 | 0 24 | 22 9 |
| F 11 | 14 11 | 23 1 | 2 14 | 20 39 | 0 18 | 2 49 | 0 15 | 5 43 | 0 48 | 19 22 | 0 50 | 18 37 | 1 48 | 22 40 | 0 24 | 22 9 |
| S 12 | 13 51 | 23 53 | 1 8 | 20 36 | 0 9 | 3 20 | 0 20 | 5 24 | 0 47 | 19 24 | 0 50 | 18 37 | 1 48 | 22 39 | 0 24 | 22 9 |
| S 13 | 13 31 | 23 28 | 0 0 | 20 33 | 0s 1 | 3 51 | 0 25 | 5 5 | 0 47 | 19 26 | 0 50 | 18 38 | 1 48 | 22 39 | 0 24 | 22 8 |
| M14 | 13 11 | 21 52 | 1n 6 | 20 28 | 0 10 | 4 22 | 0 29 | 4 46 | 0 46 | 19 28 | 0 50 | 18 38 | 1 47 | 22 39 | 0 24 | 22 8 |
| T 15 | 12 50 | 19 16 | 2 8 | 20 21 | 0 19 | 4 53 | 0 34 | 4 27 | 0 45 | 19 30 | 0 50 | 18 39 | 1 47 | 22 38 | 0 24 | 22 8 |
| W16 | 12 30 | 15 51 | 3 4 | 20 14 | 0 28 | 5 24 | 0 39 | 4 8 | 0 45 | 19 32 | 0 50 | 18 40 | 1 47 | 22 38 | 0 24 | 22 8 |
| T 17 | 12 9 | 11 49 | 3 50 | 20 5 | 0 36 | 5 54 | 0 44 | 3 49 | 0 44 | 19 33 | 0 50 | 18 40 | 1 47 | 22 38 | 0 24 | 22 8 |
| F 18 | 11 48 | 7 22 | 4 26 | 19 55 | 0 44 | 6 25 | 0 49 | 3 30 | 0 43 | 19 35 | 0 50 | 18 41 | 1 46 | 22 37 | 0 24 | 22 8 |
| S 19 | 11 27 | 2 41 | 4 50 | 19 44 | 0 52 | 6 55 | 0 54 | 3 11 | 0 43 | 19 37 | 0 50 | 18 41 | 1 46 | 22 37 | 0 24 | 22 7 |
| S 20 | 11 5 | 2n 5 | 5 2 | 19 31 | 0 59 | 7 25 | 0 59 | 2 52 | 0 42 | 19 39 | 0 50 | 18 42 | 1 46 | 22 36 | 0 25 | 22 7 |
| M21 | 10 44 | 6 46 | 5 0 | 19 17 | 1 6 | 7 55 | 1 5 | 2 33 | 0 42 | 19 40 | 0 50 | 18 43 | 1 46 | 22 36 | 0 25 | 22 7 |
| T 22 | 10 22 | 11 13 | 4 45 | 19 2 | 1 13 | 8 25 | 1 10 | 2 14 | 0 41 | 19 42 | 0 50 | 18 44 | 1 45 | 22 36 | 0 25 | 22 7 |
| W23 | 10 0 | 15 16 | 4 18 | 18 45 | 1 20 | 8 54 | 1 15 | 1 55 | 0 40 | 19 43 | 0 50 | 18 44 | 1 45 | 22 35 | 0 25 | 22 7 |
| T 24 | 9 38 | 18 44 | 3 39 | 18 28 | 1 26 | 9 24 | 1 20 | 1 36 | 0 40 | 19 45 | 0 50 | 18 45 | 1 45 | 22 35 | 0 25 | 22 7 |
| F 25 | 9 16 | 21 26 | 2 49 | 18 9 | 1 32 | 9 53 | 1 26 | 1 17 | 0 39 | 19 46 | 0 50 | 18 46 | 1 45 | 22 35 | 0 25 | 22 7 |
| S 26 | 8 54 | 23 11 | 1 50 | 17 48 | 1 37 | 10 22 | 1 31 | 0 58 | 0 38 | 19 48 | 0 50 | 18 47 | 1 44 | 22 34 | 0 25 | 22 6 |
| S 27 | 8 31 | 23 45 | 0 44 | 17 27 | 1 42 | 10 51 | 1 37 | 0 39 | 0 38 | 19 49 | 0 50 | 18 47 | 1 44 | 22 34 | 0 25 | 22 6 |
| M28 | 8s 9 | 23n 0 | 0s26 | 17s 4 | 1s47 | 11n19 | 1n42 | 0s20 | 0s37 | 19n51 | 0n50 | 18n48 | 1s44 | 22s34 | 0s25 | 22s 6 |

Julian Day Number = 2387658.5, Delta T = 14.13 sec
 Ecliptic obliquity = 23°27'43, Nutation = 0°00'19, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 22°17'53, Lahiri = 21°24'53

ASTRODIENST EPHEMERIS for the year 1825
geocentric

MARCH 1825

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | ♈ | ♉ | Day |
|------|----------|-----------------------|--------------------|--------------------|--------------------|--------------------|--------------------|-------------------|--------------------|--------------------|-------------------|---------------------|--------------------|--------------------|--------------------|------|
| T 1 | 10 34 1 | 10 ^h 9'48 | 16 ^h 11 | 19 ^h 46 | 26 ^h 11 | 1 ^h 21 | 4 ^h 55 | 1 ^h 38 | 18 ^h 45 | 11 ^h 18 | 2 ^h 7 | 27 ^h 25 | 26 ^h 36 | 19 ^h 14 | 15 ^h 1 | T 1 |
| W 2 | 10 37 58 | 11 ^h 9'55 | 0 ^h 27 | 21 ^h 18 | 27 ^h 14 | 2 ^h 7 | 4 ^h 50 | 1 ^h 41 | 18 ^h 48 | 11 ^h 19 | 2 ^h 8 | 27 ^h 21 | 26 ^h 33 | 19 ^h 21 | 15 ^h 4 | W 2 |
| T 3 | 10 41 54 | 12 ^h 10'01 | 15 ^h 12 | 22 ^h 50 | 28 ^h 17 | 2 ^h 53 | 4 ^h 45 | 1 ^h 44 | 18 ^h 50 | 11 ^h 21 | 2 ^h 9 | 27 ^h 15 | 26 ^h 30 | 19 ^h 28 | 15 ^h 7 | T 3 |
| F 4 | 10 45 51 | 13 ^h 10'04 | 0 ^h 18 | 24 ^h 24 | 29 ^h 19 | 3 ^h 39 | 4 ^h 40 | 1 ^h 48 | 18 ^h 53 | 11 ^h 22 | 2 ^h 11 | 27 ^h 6 | 26 ^h 27 | 19 ^h 34 | 15 ^h 10 | F 4 |
| S 5 | 10 49 47 | 14 ^h 10'05 | 15 ^h 38 | 25 ^h 59 | 0 ^h 20 | 4 ^h 25 | 4 ^h 35 | 1 ^h 51 | 18 ^h 55 | 11 ^h 23 | 2 ^h 12 | 26 ^h 56 | 26 ^h 24 | 19 ^h 41 | 15 ^h 14 | S 5 |
| S 6 | 10 53 44 | 15 ^h 10'04 | 0 ^h 59 | 27 ^h 35 | 1 ^h 22 | 5 ^h 11 | 4 ^h 31 | 1 ^h 55 | 18 ^h 58 | 11 ^h 24 | 2 ^h 14 | 26 ^h 45 | 26 ^h 20 | 19 ^h 48 | 15 ^h 17 | S 6 |
| M 7 | 10 57 40 | 16 ^h 10'01 | 16 ^h 10 | 29 ^h 12 | 2 ^h 23 | 5 ^h 57 | 4 ^h 26 | 1 ^h 58 | 19 ^h 0 | 11 ^h 26 | 2 ^h 15 | 26 ^h 34 | 26 ^h 17 | 19 ^h 54 | 15 ^h 20 | M 7 |
| T 8 | 11 1 37 | 17 ^h 9'57 | 1 ^h 1 | 0 ^h 50 | 3 ^h 23 | 6 ^h 43 | 4 ^h 22 | 2 ^h 2 | 19 ^h 2 | 11 ^h 27 | 2 ^h 17 | 26 ^h 26 | 26 ^h 14 | 20 ^h 1 | 15 ^h 23 | T 8 |
| W 9 | 11 5 33 | 18 ^h 9'51 | 15 ^h 26 | 2 ^h 30 | 4 ^h 23 | 7 ^h 29 | 4 ^h 18 | 2 ^h 6 | 19 ^h 4 | 11 ^h 28 | 2 ^h 18 | 26 ^h 20 | 26 ^h 11 | 20 ^h 8 | 15 ^h 27 | W 9 |
| T 10 | 11 9 30 | 19 ^h 9'44 | 29 ^h 22 | 4 ^h 11 | 5 ^h 23 | 8 ^h 14 | 4 ^h 14 | 2 ^h 10 | 19 ^h 7 | 11 ^h 29 | 2 ^h 19 | 26 ^h 17 | 26 ^h 8 | 20 ^h 15 | 15 ^h 30 | T 10 |
| F 11 | 11 13 27 | 20 ^h 9'34 | 12 ^h 48 | 5 ^h 52 | 6 ^h 22 | 9 ^h 0 | 4 ^h 10 | 2 ^h 14 | 19 ^h 9 | 11 ^h 30 | 2 ^h 21 | 26 ^h 16 | 26 ^h 4 | 20 ^h 21 | 15 ^h 33 | F 11 |
| S 12 | 11 17 23 | 21 ^h 9'24 | 25 ^h 49 | 7 ^h 35 | 7 ^h 21 | 9 ^h 46 | 4 ^h 7 | 2 ^h 18 | 19 ^h 11 | 11 ^h 31 | 2 ^h 22 | 26 ^h 16 | 26 ^h 1 | 20 ^h 28 | 15 ^h 37 | S 12 |
| S 13 | 11 21 20 | 22 ^h 9'11 | 8 ^h 38 | 9 ^h 19 | 8 ^h 19 | 10 ^h 32 | 4 ^h 3 | 2 ^h 22 | 19 ^h 13 | 11 ^h 32 | 2 ^h 24 | 26 ^h 16 | 25 ^h 58 | 20 ^h 35 | 15 ^h 40 | S 13 |
| M14 | 11 25 16 | 23 ^h 8'57 | 20 ^h 50 | 11 ^h 5 | 9 ^h 17 | 11 ^h 17 | 4 ^h 0 | 2 ^h 26 | 19 ^h 15 | 11 ^h 33 | 2 ^h 25 | 26 ^h 14 | 25 ^h 55 | 20 ^h 42 | 15 ^h 44 | M14 |
| T 15 | 11 29 13 | 24 ^h 8'41 | 2 ^h 59 | 12 ^h 51 | 10 ^h 14 | 12 ^h 3 | 3 ^h 57 | 2 ^h 30 | 19 ^h 17 | 11 ^h 34 | 2 ^h 27 | 26 ^h 10 | 25 ^h 52 | 20 ^h 48 | 15 ^h 47 | T 15 |
| W16 | 11 33 9 | 25 ^h 8'23 | 14 ^h 59 | 14 ^h 39 | 11 ^h 11 | 12 ^h 48 | 3 ^h 54 | 2 ^h 35 | 19 ^h 19 | 11 ^h 35 | 2 ^h 28 | 26 ^h 3 | 25 ^h 49 | 20 ^h 55 | 15 ^h 51 | W16 |
| T 17 | 11 37 6 | 26 ^h 8'03 | 26 ^h 55 | 16 ^h 28 | 12 ^h 8 | 13 ^h 34 | 3 ^h 51 | 2 ^h 39 | 19 ^h 21 | 11 ^h 36 | 2 ^h 30 | 25 ^h 53 | 25 ^h 45 | 21 ^h 2 | 15 ^h 54 | T 17 |
| F 18 | 11 41 2 | 27 ^h 7'41 | 8 ^h 47 | 18 ^h 18 | 13 ^h 3 | 14 ^h 19 | 3 ^h 49 | 2 ^h 44 | 19 ^h 23 | 11 ^h 37 | 2 ^h 31 | 25 ^h 40 | 25 ^h 42 | 21 ^h 8 | 15 ^h 58 | F 18 |
| S 19 | 11 44 59 | 28 ^h 7'17 | 20 ^h 39 | 20 ^h 9 | 13 ^h 58 | 15 ^h 5 | 3 ^h 47 | 2 ^h 48 | 19 ^h 25 | 11 ^h 38 | 2 ^h 33 | 25 ^h 26 | 25 ^h 39 | 21 ^h 15 | 16 ^h 1 | S 19 |
| S 20 | 11 48 56 | 29 ^h 6'52 | 2 ^h 31 | 22 ^h 2 | 14 ^h 53 | 15 ^h 50 | 3 ^h 45 | 2 ^h 53 | 19 ^h 26 | 11 ^h 39 | 2 ^h 34 | 25 ^h 11 | 25 ^h 36 | 21 ^h 22 | 16 ^h 5 | S 20 |
| M21 | 11 52 52 | 0 ^h 6'24 | 14 ^h 25 | 23 ^h 56 | 15 ^h 47 | 16 ^h 35 | 3 ^h 43 | 2 ^h 58 | 19 ^h 28 | 11 ^h 40 | 2 ^h 36 | 24 ^h 57 | 25 ^h 33 | 21 ^h 29 | 16 ^h 8 | M21 |
| T 22 | 11 56 49 | 1 ^h 5'54 | 26 ^h 23 | 25 ^h 51 | 16 ^h 40 | 17 ^h 21 | 3 ^h 41 | 3 ^h 3 | 19 ^h 30 | 11 ^h 40 | 2 ^h 37 | 24 ^h 44 | 25 ^h 29 | 21 ^h 35 | 16 ^h 12 | T 22 |
| W23 | 12 0 45 | 2 ^h 5'22 | 8 ^h 36 | 27 ^h 48 | 17 ^h 33 | 18 ^h 6 | 3 ^h 40 | 3 ^h 8 | 19 ^h 31 | 11 ^h 41 | 2 ^h 39 | 24 ^h 34 | 25 ^h 26 | 21 ^h 42 | 16 ^h 15 | W23 |
| T 24 | 12 4 42 | 3 ^h 4'48 | 20 ^h 35 | 29 ^h 45 | 18 ^h 25 | 18 ^h 51 | 3 ^h 38 | 3 ^h 13 | 19 ^h 33 | 11 ^h 42 | 2 ^h 40 | 24 ^h 27 | 25 ^h 23 | 21 ^h 49 | 16 ^h 19 | T 24 |
| F 25 | 12 8 38 | 4 ^h 4'12 | 2 ^h 55 | 1 ^h 44 | 19 ^h 16 | 19 ^h 36 | 3 ^h 37 | 3 ^h 18 | 19 ^h 35 | 11 ^h 43 | 2 ^h 42 | 24 ^h 23 | 25 ^h 20 | 21 ^h 55 | 16 ^h 22 | F 25 |
| S 26 | 12 12 35 | 5 ^h 3'33 | 15 ^h 29 | 3 ^h 44 | 20 ^h 6 | 20 ^h 21 | 3 ^h 36 | 3 ^h 23 | 19 ^h 36 | 11 ^h 43 | 2 ^h 43 | 24 ^h 22 | 25 ^h 17 | 22 ^h 2 | 16 ^h 26 | S 26 |
| S 27 | 12 16 31 | 6 ^h 2'52 | 28 ^h 20 | 5 ^h 45 | 20 ^h 56 | 21 ^h 6 | 3 ^h 35 | 3 ^h 29 | 19 ^h 37 | 11 ^h 44 | 2 ^h 45 | 24 ^h D22 | 25 ^h 14 | 22 ^h 9 | 16 ^h 30 | S 27 |
| M28 | 12 20 28 | 7 ^h 2'09 | 1 ^h 33 | 7 ^h 46 | 21 ^h 45 | 21 ^h 51 | 3 ^h 35 | 3 ^h 34 | 19 ^h 39 | 11 ^h 44 | 2 ^h 46 | 24 ^h R22 | 25 ^h 10 | 22 ^h 16 | 16 ^h 33 | M28 |
| T 29 | 12 24 25 | 8 ^h 1'23 | 25 ^h 9 | 9 ^h 49 | 22 ^h 33 | 22 ^h 36 | 3 ^h 34 | 3 ^h 40 | 19 ^h 40 | 11 ^h 45 | 2 ^h 48 | 24 ^h 21 | 25 ^h 7 | 22 ^h 22 | 16 ^h 37 | T 29 |
| W30 | 12 28 21 | 9 ^h 0'35 | 9 ^h 14 | 11 ^h 52 | 23 ^h 20 | 23 ^h 21 | 3 ^h D34 | 3 ^h 45 | 19 ^h 42 | 11 ^h 45 | 2 ^h 49 | 24 ^h 18 | 25 ^h 4 | 22 ^h 29 | 16 ^h 41 | W30 |
| T 31 | 12 32 18 | 9 ^h 59'45 | 23 ^h 45 | 13 ^h 56 | 24 ^h 8 | 24 ^h 6 | 3 ^h 43 | 3 ^h 51 | 19 ^h 43 | 11 ^h 46 | 2 ^h 51 | 24 ^h 12 | 25 ^h 1 | 22 ^h 36 | 16 ^h 44 | T 31 |

| Day | ☉ | ☾ | | ♊ | | ♋ | | ♌ | | ♍ | | ♎ | | ♏ | | ♐ | | ♑ | | ♒ | ♓ | ♈ | ♉ | |
|------|------|-------|------|-------|------|-------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|------|------|------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat |
| T 1 | 7s46 | 20n52 | 1s38 | 16s39 | 1s51 | 11n47 | 1n47 | 0s 1 | 0s37 | 19n52 | 0n50 | 18n49 | 1s43 | 22s33 | 0s25 | 22s 6 | 0n53 | 14s 3 | 16s15 | 23s26 | 23s25 | 0n26 | 7n 9 | 1n20 |
| W 2 | 7 23 | 17 23 | 2 45 | 16 14 | 1 55 | 12 15 | 1 53 | 0n18 | 0 36 | 19 53 | 0 50 | 18 50 | 1 43 | 22 33 | 0 25 | 22 6 | 0 53 | 14 2 | 16 15 | 23 26 | 23 25 | 0 29 | 7 10 | 1 20 |
| T 3 | 7 0 | 12 43 | 3 44 | 15 47 | 1 59 | 12 43 | 1 58 | 0 37 | 0 35 | 19 54 | 0 50 | 18 51 | 1 43 | 22 33 | 0 25 | 22 6 | 0 53 | 14 1 | 16 15 | 23 26 | 23 25 | 0 31 | 7 11 | 1 20 |
| F 4 | 6 37 | 7 11 | 4 29 | 15 19 | 2 2 | 13 10 | 2 4 | 0 55 | 0 35 | 19 56 | 0 50 | 18 52 | 1 43 | 22 32 | 0 25 | 22 6 | 0 53 | 14 1 | 16 15 | 23 26 | 23 25 | 0 34 | 7 12 | 1 19 |
| S 5 | 6 14 | 1 8 | 4 55 | 14 49 | 2 5 | 13 37 | 2 9 | 1 14 | 0 34 | 19 57 | 0 50 | 18 53 | 1 42 | 22 32 | 0 25 | 22 6 | 0 53 | 14 0 | 16 15 | 23 26 | 23 25 | 0 37 | 7 13 | 1 19 |
| S 6 | 5 51 | 4s59 | 5 0 | 14 19 | 2 7 | 14 4 | 2 15 | 1 33 | 0 33 | 19 58 | 0 50 | 18 54 | 1 42 | 22 32 | 0 25 | 22 5 | 0 53 | 13 59 | 16 15 | 23 25 | 23 25 | 0 39 | 7 14 | 1 19 |
| M 7 | 5 28 | 10 43 | 4 44 | 13 47 | 2 9 | 14 31 | 2 21 | 1 52 | 0 33 | 19 59 | 0 50 | 18 55 | 1 42 | 22 31 | 0 25 | 22 5 | 0 53 | 13 59 | 16 14 | 23 25 | 23 25 | 0 42 | 7 16 | 1 19 |
| T 8 | 5 4 | 15 43 | 4 8 | 13 13 | 2 11 | 14 57 | 2 26 | 2 11 | 0 32 | 20 0 | 0 50 | 18 56 | 1 42 | 22 31 | 0 25 | 22 5 | 0 53 | 13 58 | 16 14 | 23 25 | 23 24 | 0 45 | 7 17 | 1 19 |
| W 9 | 4 41 | 19 38 | 3 18 | 12 39 | 2 12 | 15 22 | 2 32 | 2 29 | 0 31 | 20 1 | 0 50 | 18 57 | 1 41 | 22 31 | 0 25 | 22 5 | 0 53 | 13 57 | 16 14 | 23 25 | 23 24 | 0 48 | 7 18 | 1 19 |
| T 10 | 4 18 | 22 16 | 2 17 | 12 3 | 2 12 | 15 48 | 2 37 | 2 48 | 0 31 | 20 2 | 0 50 | 18 58 | 1 41 | 22 31 | 0 25 | 22 5 | 0 53 | 13 57 | 16 14 | 23 25 | 23 24 | 0 50 | 7 19 | 1 19 |
| F 11 | 3 54 | 23 31 | 1 11 | 11 25 | 2 13 | 16 13 | 2 43 | 3 7 | 0 30 | 20 3 | 0 50 | 18 59 | 1 41 | 22 30 | 0 25 | 22 5 | 0 53 | 13 56 | 16 14 | 23 25 | 23 24 | 0 53 | 7 20 | 1 19 |
| S 12 | 3 31 | 23 26 | 0 2 | 10 47 | 2 13 | 16 38 | 2 48 | 3 25 | 0 29 | 20 4 | 0 50 | 19 0 | 1 41 | 22 30 | 0 25 | 22 5 | 0 53 | 13 55 | 16 14 | 23 25 | 23 24 | 0 56 | 7 22 | 1 19 |
| S 13 | 3 7 | 22 8 | 1n 4 | 10 7 | 2 12 | 17 2 | 2 54 | 3 44 | 0 29 | 20 4 | 0 50 | 19 1 | 1 41 | 22 30 | 0 25 | 22 5 | 0 53 | 13 55 | 16 14 | 23 25 | 23 24 | 0 58 | 7 23 | 1 19 |
| M14 | 2 43 | 19 46 | 2 6 | 9 26 | 2 11 | 17 26 | 2 59 | 4 2 | 0 28 | 20 5 | 0 50 | 19 2 | 1 40 | 22 30 | 0 25 | 22 5 | 0 53 | 13 54 | 16 14 | 23 24 | 23 24 | 1 1 | 7 24 | 1 18 |
| T 15 | 2 20 | 16 35 | 3 1 | 8 44 | 2 9 | 17 50 | 3 5 | 4 21 | 0 27 | 20 6 | 0 50 | 19 3 | 1 40 | 22 29 | 0 25 | 22 4 | 0 53 | 13 54 | 16 14 | 23 24 | 23 24 | 1 4 | 7 25 | 1 18 |
| W16 | 1 56 | 12 44 | 3 47 | 8 1 | 2 7 | 18 13 | 3 10 | 4 39 | 0 27 | 20 6 | 0 50 | 19 4 | 1 40 | 22 29 | 0 25 | 22 4 | 0 53 | 13 53 | 16 14 | 23 24 | 23 24 | 1 7 | 7 27 | 1 18 |
| T 17 | 1 32 | 8 26 | 4 23 | 7 16 | 2 5 | 18 36 | 3 16 | 4 58 | 0 26 | 20 7 | 0 50 | 19 5 | 1 40 | 22 29 | 0 25 | 22 4 | 0 53 | 13 52 | 16 14 | 23 24 | 23 24 | 1 9 | 7 28 | 1 18 |
| F 18 | 1 9 | 3 51 | 4 47 | 6 30 | 2 2 | 18 58 | 3 21 | 5 16 | 0 25 | 20 8 | 0 50 | 19 6 | 1 39 | 22 29 | 0 25 | 22 4 | 0 53 | 13 52 | 16 14 | 23 23 | 23 24 | 1 12 | 7 29 | 1 18 |
| S 19 | 0 45 | 0n51 | 4 58 | 5 43 | 1 58 | 19 20 | 3 27 | 5 34 | 0 25 | 20 8 | 0 50 | 19 7 | 1 39 | 22 28 | 0 25 | 22 4 | 0 53 | 13 51 | 16 14 | 23 23 | 23 23 | 1 15 | 7 30 | 1 18 |
| S 20 | 0 21 | 5 32 | 4 57 | 4 55 | 1 54 | 19 42 | 3 32 | 5 52 | 0 24 | 20 9 | 0 50 | 19 8 | 1 39 | 22 28 | 0 25 | 22 4 | 0 53 | 13 50 | 16 14 | 23 22 | 23 23 | 1 17 | 7 32 | 1 18 |
| M21 | 0n 3 | 10 2 | 4 42 | 4 6 | 1 50 | 20 3 | 3 37 | 6 10 | 0 23 | 20 9 | 0 50 | 19 9 | 1 39 | 22 28 | 0 25 | 22 4 | 0 53 | 13 50 | 16 14 | 23 22 | 23 23 | 1 20 | 7 33 | 1 18 |
| T 22 | 0 26 | 14 9 | 4 16 | 3 15 | 1 45 | 20 23 | 3 43 | 6 28 | 0 23 | 20 9 | 0 50 | 19 11 | 1 38 | 22 28 | 0 25 | 22 4 | 0 53 | 13 49 | 16 14 | 23 21 | 23 23 | 1 23 | 7 34 | 1 18 |
| W23 | 0 50 | 17 45 | 3 37 | 2 24 | 1 39 | 20 44 | 3 48 | 6 46 | 0 22 | 20 10 | 0 50 | 19 12 | 1 38 | 22 27 | 0 25 | 22 4 | 0 53 | 13 49 | 16 14 | 23 21 | 23 23 | 1 25 | 7 36 | 1 18 |
| T 24 | 1 14 | 20 37 | 2 48 | 1 31 | 1 33 | 21 3 | 3 53 | 7 4 | 0 21 | 20 10 | 0 50 | 19 13 | 1 38 | 22 27 | 0 25 | 22 4 | 0 53 | 13 48 | 16 14 | 23 21 | 23 23 | 1 28 | 7 37 | 1 18 |
| F 25 | 1 37 | 22 34 | 1 51 | 0 38 | 1 27 | 21 23 | 3 58 | 7 21 | 0 21 | 20 10 | 0 50 | 19 14 | 1 38 | 22 27 | 0 25 | 22 3 | 0 53 | 13 48 | 16 14 | 23 21 | 23 23 | 1 31 | 7 38 | 1 17 |
| S 26 | 2 1 | 23 27 | 0 47 | 0n16 | 1 19 | 21 41 | 4 3 | 7 39 | 0 20 | 20 10 | 0 50 | 19 15 | 1 38 | 22 27 | 0 25 | 22 3 | 0 53 | 13 47 | 16 14 | 23 21 | 23 23 | 1 34 | 7 39 | 1 17 |
| S 27 | 2 24 | 23 6 | 0s21 | 1 11 | 1 12 | 22 0 | 4 8 | 7 57 | 0 19 | 20 10 | 0 50 | 19 17 | 1 37 | 22 27 | 0 25 | 22 3 | 0 53 | 13 46 | 16 14 | 23 20 | 23 23 | 1 36 | 7 41 | 1 17 |
| M28 | 2 48 | 21 28 | 1 30 | 2 7 | 1 4 | 22 18 | 4 13 | 8 14 | 0 19 | 20 10 | 0 50 | 19 18 | 1 37 | 22 26 | 0 25 | 22 3 | 0 53 | 13 46 | 16 14 | 23 20 | 23 22 | 1 39 | 7 42 | 1 17 |
| T 29 | 3 11 | 18 35 | 2 35 | 3 3 | 0 55 | 22 35 | 4 18 | 8 31 | 0 18 | 20 11 | 0 50 | 19 19 | 1 37 | 22 26 | 0 25 | 22 3 | 0 54 | 13 45 | 16 14 | 23 20 | 23 22 | 1 42 | 7 43 | 1 17 |
| W30 | 3 34 | 14 32 | 3 34 | 4 0 | 0 46 | 22 52 | 4 23 | 8 49 | 0 17 | 20 11 | 0 49 | 19 20 | 1 37 | 22 26 | 0 25 | 22 3 | 0 54 | 13 45 | 16 14 | 23 20 | 23 22 | 1 44 | 7 45 | 1 17 |
| T 31 | 3n58 | 9n31 | 4s20 | 4n57 | 0s36 | 23n 8 | 4n28 | 9n 6 | 0s17 | 20n10 | 0n49 | 19n21 | 1s37 | 22s26 | 0s26 | 22s 3 | 0n54 | 13s44 | 16s14 | 23s20 | 23s22 | 1n47 | 7n46 | 1n17 |

ASTRODIENST EPHEMERIS for the year 1825
geocentric

APRIL 1825

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|----------|-------|-------|-------|-------|------|------|--------|-------|-------|--------|-------|-------|--------|------|
| F 1 | 12 36 14 | 10°58'52 | 8♐39 | 16°0 | 24♌51 | 24°51 | 3♊34 | 3♊56 | 19♌44 | 11♌46 | 2°52 | 24°R 4 | 24♌58 | 22♌43 | 16°V48 | F 1 |
| S 2 | 12 40 11 | 11°57'57 | 23°50 | 18° 4 | 25°36 | 25°36 | 3°35 | 4° 2 | 19°45 | 11°47 | 2°53 | 23♌54 | 24°55 | 22°49 | 16°51 | S 2 |
| S 3 | 12 44 7 | 12°57'00 | 9♌ 7 | 20° 7 | 26°19 | 26°20 | 3°35 | 4° 8 | 19°46 | 11°47 | 2°55 | 23°44 | 24°51 | 22°56 | 16°55 | S 3 |
| M 4 | 12 48 4 | 13°56'01 | 24°19 | 22°11 | 27° 1 | 27° 5 | 3°36 | 4°14 | 19°47 | 11°47 | 2°56 | 23°34 | 24°48 | 23° 3 | 16°59 | M 4 |
| T 5 | 12 52 0 | 14°55'00 | 9♌16 | 24°13 | 27°42 | 27°50 | 3°37 | 4°20 | 19°48 | 11°48 | 2°58 | 23°26 | 24°45 | 23° 9 | 17° 2 | T 5 |
| W 6 | 12 55 57 | 15°53'57 | 23°49 | 26°14 | 28°22 | 28°34 | 3°38 | 4°26 | 19°49 | 11°48 | 2°59 | 23°20 | 24°42 | 23°16 | 17° 6 | W 6 |
| T 7 | 12 59 53 | 16°52'52 | 7♌54 | 28°14 | 29° 1 | 29°19 | 3°40 | 4°32 | 19°50 | 11°48 | 3° 1 | 23°17 | 24°39 | 23°23 | 17°10 | T 7 |
| F 8 | 13 3 50 | 17°51'46 | 21°30 | 0♌12 | 29°39 | 0♌ 3 | 3°41 | 4°38 | 19°51 | 11°48 | 3° 2 | 23°D16 | 24°35 | 23°30 | 17°13 | F 8 |
| S 9 | 13 7 47 | 18°50'37 | 4♌37 | 2° 8 | 0♌15 | 0°48 | 3°43 | 4°44 | 19°52 | 11°49 | 3° 4 | 23°17 | 24°32 | 23°36 | 17°17 | S 9 |
| S 10 | 13 11 43 | 19°49'27 | 17°21 | 4° 2 | 0°50 | 1°32 | 3°45 | 4°50 | 19°53 | 11°49 | 3° 5 | 23°R17 | 24°29 | 23°43 | 17°21 | S 10 |
| M11 | 13 15 40 | 20°48'15 | 29°44 | 5°52 | 1°24 | 2°16 | 3°47 | 4°57 | 19°53 | 11°49 | 3° 7 | 23°17 | 24°26 | 23°50 | 17°24 | M11 |
| T 12 | 13 19 36 | 21°47'02 | 11♌53 | 7°39 | 1°57 | 3° 1 | 3°49 | 5° 3 | 19°54 | 11°49 | 3° 8 | 23°15 | 24°23 | 23°57 | 17°28 | T 12 |
| W13 | 13 23 33 | 22°45'47 | 23°51 | 9°23 | 2°27 | 3°45 | 3°52 | 5° 9 | 19°55 | 11°49 | 3° 9 | 23°10 | 24°20 | 24° 3 | 17°32 | W13 |
| T 14 | 13 27 29 | 23°44'30 | 5♌44 | 11° 3 | 2°57 | 4°29 | 3°54 | 5°16 | 19°55 | 11°49 | 3°11 | 23° 3 | 24°16 | 24°10 | 17°35 | T 14 |
| F 15 | 13 31 26 | 24°43'11 | 17°35 | 12°39 | 3°25 | 5°13 | 3°57 | 5°22 | 19°56 | 11°49 | 3°12 | 22°54 | 24°13 | 24°17 | 17°39 | F 15 |
| S 16 | 13 35 22 | 25°41'50 | 29°27 | 14°10 | 3°51 | 5°57 | 4° 0 | 5°29 | 19°56 | 11°49 | 3°14 | 22°44 | 24°10 | 24°23 | 17°43 | S 16 |
| S 17 | 13 39 19 | 26°40'27 | 11♌21 | 15°37 | 4°15 | 6°41 | 4° 3 | 5°36 | 19°56 | 11°49 | 3°15 | 22°33 | 24° 7 | 24°30 | 17°46 | S 17 |
| M18 | 13 43 16 | 27°39'03 | 23°21 | 17° 0 | 4°38 | 7°25 | 4° 6 | 5°42 | 19°57 | 11°49 | 3°16 | 22°22 | 24° 4 | 24°37 | 17°50 | M18 |
| T 19 | 13 47 12 | 28°37'37 | 5♌27 | 18°18 | 4°59 | 8° 9 | 4°10 | 5°49 | 19°57 | 11°49 | 3°18 | 22°13 | 24° 1 | 24°44 | 17°54 | T 19 |
| W20 | 13 51 9 | 29°36'09 | 17°40 | 19°31 | 5°18 | 8°53 | 4°14 | 5°56 | 19°57 | 11°48 | 3°19 | 22° 6 | 23°57 | 24°50 | 17°57 | W20 |
| T 21 | 13 55 5 | 0♌34'38 | 0♌ 2 | 20°38 | 5°35 | 9°37 | 4°17 | 6° 3 | 19°58 | 11°48 | 3°20 | 22° 1 | 23°54 | 24°57 | 18° 1 | T 21 |
| F 22 | 13 59 2 | 1°33'06 | 12°34 | 21°41 | 5°50 | 10°21 | 4°21 | 6°10 | 19°58 | 11°48 | 3°22 | 21°59 | 23°51 | 25° 4 | 18° 4 | F 22 |
| S 23 | 14 2 58 | 2°31'32 | 25°18 | 22°39 | 6° 3 | 11° 4 | 4°26 | 6°16 | 19°58 | 11°48 | 3°23 | 21°D58 | 23°48 | 25°10 | 18° 8 | S 23 |
| S 24 | 14 6 55 | 3°29'56 | 8♌17 | 23°31 | 6°14 | 11°48 | 4°30 | 6°23 | 19°R58 | 11°47 | 3°24 | 21°59 | 23°45 | 25°17 | 18°12 | S 24 |
| M25 | 14 10 51 | 4°28'18 | 21°32 | 24°18 | 6°23 | 12°32 | 4°34 | 6°30 | 19°58 | 11°47 | 3°26 | 22° 0 | 23°41 | 25°24 | 18°15 | M25 |
| T 26 | 14 14 48 | 5°26'37 | 5♌ 7 | 24°59 | 6°30 | 13°15 | 4°39 | 6°37 | 19°58 | 11°47 | 3°27 | 22°R 1 | 23°38 | 25°31 | 18°19 | T 26 |
| W27 | 14 18 45 | 6°24'55 | 19° 3 | 25°35 | 6°34 | 13°59 | 4°44 | 6°45 | 19°58 | 11°46 | 3°28 | 22° 0 | 23°35 | 25°37 | 18°22 | W27 |
| T 28 | 14 22 41 | 7°23'10 | 3♌20 | 26° 5 | 6°R36 | 14°42 | 4°49 | 6°52 | 19°58 | 11°46 | 3°30 | 21°58 | 23°32 | 25°44 | 18°26 | T 28 |
| F 29 | 14 26 38 | 8°21'23 | 17°56 | 26°30 | 6°35 | 15°25 | 4°54 | 6°59 | 19°57 | 11°45 | 3°31 | 21°53 | 23°29 | 25°51 | 18°29 | F 29 |
| S 30 | 14 30 34 | 9♌19'34 | 2♌46 | 26♌50 | 6♌32 | 16♌ 9 | 4♌59 | 7♌ 6 | 19♌57 | 11♌45 | 3°V32 | 21♌48 | 23♌26 | 25♌58 | 18°V33 | 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 | |
| F 1 | 4n21 | 3n50 | 4s51 | 5n54 | 0s26 | 23n24 | 4n32 | 9n23 | 0s16 | 20n10 | 0n49 | 19n23 | 1s36 | 22s26 | 0s26 | F 1 |
| S 2 | 4 44 | 2s10 | 5 2 | 6 51 | 0 16 | 23 39 | 4 37 | 9 40 | 0 15 | 20 10 | 0 49 | 19 24 | 1 36 | 22 26 | 0 26 | S 2 |
| S 3 | 5 7 8 | 4 51 | 7 48 | 0 5 | 23 54 | 4 41 | 9 57 | 0 15 | 20 10 | 0 49 | 19 25 | 1 36 | 22 26 | 0 26 | 22 3 | S 3 |
| M 4 | 5 30 | 13 28 | 4 20 | 8 44 | 0n 6 | 24 8 | 4 45 | 10 14 | 0 14 | 20 10 | 0 49 | 19 27 | 1 36 | 22 25 | 0 26 | M 4 |
| T 5 | 5 53 | 17 56 | 3 31 | 9 40 | 0 17 | 24 22 | 4 50 | 10 30 | 0 13 | 20 10 | 0 49 | 19 28 | 1 36 | 22 25 | 0 26 | T 5 |
| W 6 | 6 16 | 21 10 | 2 30 | 10 35 | 0 28 | 24 35 | 4 54 | 10 47 | 0 13 | 20 9 | 0 49 | 19 29 | 1 35 | 22 25 | 0 26 | W 6 |
| T 7 | 6 38 | 22 59 | 1 21 | 11 29 | 0 40 | 24 48 | 4 57 | 11 3 | 0 12 | 20 9 | 0 49 | 19 30 | 1 35 | 22 25 | 0 26 | T 7 |
| F 8 | 7 1 23 | 21 0 | 9 12 | 12 21 | 0 51 | 25 0 | 5 1 | 11 19 | 0 11 | 20 8 | 0 49 | 19 32 | 1 35 | 22 25 | 0 26 | F 8 |
| S 9 | 7 23 | 22 23 | 1n 0 | 13 12 | 1 2 | 25 11 | 5 5 | 11 36 | 0 11 | 20 8 | 0 49 | 19 33 | 1 35 | 22 25 | 0 26 | S 9 |
| S 10 | 7 46 | 20 17 | 2 5 | 14 1 | 1 13 | 25 22 | 5 8 | 11 52 | 0 10 | 20 8 | 0 49 | 19 34 | 1 35 | 22 25 | 0 26 | S 10 |
| M11 | 8 8 | 17 16 | 3 1 | 14 49 | 1 24 | 25 32 | 5 11 | 12 8 | 0 9 | 20 7 | 0 49 | 19 36 | 1 34 | 22 25 | 0 26 | M11 |
| T 12 | 8 30 | 13 35 | 3 49 | 15 34 | 1 35 | 25 42 | 5 14 | 12 23 | 0 9 | 20 6 | 0 49 | 19 37 | 1 34 | 22 25 | 0 26 | T 12 |
| W13 | 8 52 | 9 24 | 4 26 | 16 17 | 1 45 | 25 51 | 5 17 | 12 39 | 0 8 | 20 6 | 0 49 | 19 38 | 1 34 | 22 25 | 0 26 | W13 |
| T 14 | 9 13 | 4 55 | 4 50 | 16 58 | 1 54 | 26 0 | 5 20 | 12 55 | 0 7 | 20 5 | 0 49 | 19 40 | 1 34 | 22 25 | 0 26 | T 14 |
| F 15 | 9 35 | 0 16 | 5 3 | 17 36 | 2 3 | 26 8 | 5 22 | 13 10 | 0 7 | 20 4 | 0 49 | 19 41 | 1 34 | 22 25 | 0 26 | F 15 |
| S 16 | 9 56 | 4n24 | 5 2 | 18 12 | 2 11 | 26 15 | 5 24 | 13 25 | 0 6 | 20 4 | 0 49 | 19 42 | 1 34 | 22 25 | 0 26 | S 16 |
| S 17 | 10 18 | 8 55 | 4 48 | 18 45 | 2 19 | 26 21 | 5 26 | 13 40 | 0 5 | 20 3 | 0 49 | 19 43 | 1 33 | 22 24 | 0 26 | S 17 |
| M18 | 10 39 | 13 7 | 4 21 | 19 16 | 2 26 | 26 27 | 5 28 | 13 56 | 0 5 | 20 2 | 0 48 | 19 45 | 1 33 | 22 24 | 0 26 | M18 |
| T 19 | 11 0 | 16 51 | 3 43 | 19 43 | 2 32 | 26 33 | 5 29 | 14 10 | 0 4 | 20 1 | 0 48 | 19 46 | 1 33 | 22 24 | 0 26 | T 19 |
| W20 | 11 21 | 19 53 | 2 53 | 20 9 | 2 37 | 26 37 | 5 30 | 14 25 | 0 3 | 20 0 | 0 48 | 19 47 | 1 33 | 22 24 | 0 26 | W20 |
| T 21 | 11 41 | 22 3 | 1 55 | 20 31 | 2 41 | 26 41 | 5 31 | 14 40 | 0 3 | 19 59 | 0 48 | 19 49 | 1 33 | 22 24 | 0 26 | T 21 |
| F 22 | 12 1 | 23 9 | 0 50 | 20 51 | 2 44 | 26 44 | 5 32 | 14 54 | 0 2 | 19 58 | 0 48 | 19 50 | 1 33 | 22 24 | 0 26 | F 22 |
| S 23 | 12 22 | 23 5 | 0s18 | 21 8 | 2 47 | 26 47 | 5 32 | 15 8 | 0 2 | 19 57 | 0 48 | 19 51 | 1 32 | 22 24 | 0 26 | S 23 |
| S 24 | 12 42 | 21 46 | 1 27 | 21 22 | 2 48 | 26 48 | 5 31 | 15 22 | 0 1 | 19 56 | 0 48 | 19 53 | 1 32 | 22 24 | 0 26 | S 24 |
| M25 | 13 1 | 19 13 | 2 33 | 21 34 | 2 48 | 26 49 | 5 31 | 15 36 | 0 0 | 19 55 | 0 48 | 19 54 | 1 32 | 22 25 | 0 26 | M25 |
| T 26 | 13 21 | 15 35 | 3 31 | 21 44 | 2 47 | 26 49 | 5 29 | 15 50 | 0n 0 | 19 54 | 0 48 | 19 55 | 1 32 | 22 25 | 0 26 | T 26 |
| W27 | 13 40 | 11 1 | 4 19 | 21 50 | 2 45 | 26 49 | 5 28 | 16 4 | 0 1 | 19 52 | 0 48 | 19 57 | 1 32 | 22 25 | 0 26 | W27 |
| T 28 | 13 59 | 5 44 | 4 53 | 21 54 | 2 41 | 26 47 | 5 26 | 16 17 | 0 2 | 19 51 | 0 48 | 19 58 | 1 32 | 22 25 | 0 26 | T 28 |
| F 29 | 14 18 | 0 3 | 5 8 | 21 56 | 2 37 | 26 44 | 5 24 | 16 31 | 0 2 | 19 50 | 0 48 | 19 59 | 1 32 | 22 25 | 0 26 | F 29 |
| S 30 | 14n37 | 5s44 | 5s 3 | 21n55 | 2n31 | 26n41 | 5n21 | 16n44 | 0n 3 | 19n49 | 0n48 | 20n 1 | 1s31 | 22s25 | 0s26 | S 30 |

Julian Day Number = 2387717.5, Delta T = 14.02 sec
Ecliptic obliquity = 23°27'43, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°18'01, Lahiri = 21°25'01

ASTRODIENST EPHEMERIS for the year 1825
geocentric

JULY 1825

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | ♈ | ♉ | Day |
|------|----------|-------------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|-----------------------|----------------------|-----------------------|-----------------------|----------------------|-----------------------|------|
| F 1 | 18 35 1 | 8 ^h 47'12 | 15 ^h 35'1 | 27 ^h 11'50 | 27 ^h 8 9 | 29 ^h 11'21 | 14 ^h 02'22 | 14 ^h 11'59 | 18 ^h 02'22 | 10 ^h 02'29 | 4 ^h 17'17 | 21 ^h 01 R | 20 ^h 27 9 | 2 ^h 17'54 | 21 ^h 17'12 | F 1 |
| S 2 | 18 38 57 | 9 ^h 44'23 | 28 ^h 04'9 | 29 ^h 05'4 | 27 ^h 46 | 0 ^h 02 2 | 14 ^h 34 | 15 ^h 06 | 18 ^h 30'20 | 10 ^h 30'27 | 4 ^h 17 | 20 ^h 27'59 | 20 ^h 05 | 3 ^h 01 | 21 ^h 13 | S 2 |
| S 3 | 18 42 54 | 10 ^h 41'33 | 11 ^h 38'31 | 19 ^h 05'59 | 28 ^h 25 | 0 ^h 42 | 14 ^h 46 | 15 ^h 14 | 18 ^h 17 | 10 ^h 26 | 4 ^h 17 | 20 ^h 56 | 20 ^h 02 | 3 ^h 08 | 21 ^h 14 | S 3 |
| M 4 | 18 46 50 | 11 ^h 38'44 | 23 ^h 05'8 | 4 ^h 06 | 29 ^h 04 | 1 ^h 22 | 14 ^h 58 | 15 ^h 21 | 18 ^h 15 | 10 ^h 24 | 4 ^h 17 | 20 ^h 53 | 19 ^h 59 | 3 ^h 15 | 21 ^h 16 | M 4 |
| T 5 | 18 50 47 | 12 ^h 35'55 | 6 ^h 11 | 6 ^h 13 | 29 ^h 45 | 2 ^h 02 | 15 ^h 10 | 15 ^h 28 | 18 ^h 12 | 10 ^h 22 | 4 ^h 17 | 20 ^h 50 | 19 ^h 56 | 3 ^h 21 | 21 ^h 17 | T 5 |
| W 6 | 18 54 44 | 13 ^h 33'06 | 18 ^h 14 | 8 ^h 22 | 0 ^h 11'26 | 2 ^h 43 | 15 ^h 22 | 15 ^h 35 | 18 ^h 10 | 10 ^h 21 | 4 ^h 17 | 20 ^h 47 | 19 ^h 53 | 3 ^h 28 | 21 ^h 18 | W 6 |
| T 7 | 18 58 40 | 14 ^h 30'18 | 0 ^h 17'10 | 10 ^h 31 | 1 ^h 09 | 3 ^h 23 | 15 ^h 34 | 15 ^h 43 | 18 ^h 08 | 10 ^h 19 | 4 ^h 17 | 20 ^h 45 | 19 ^h 50 | 3 ^h 35 | 21 ^h 19 | T 7 |
| F 8 | 19 2 37 | 15 ^h 27'29 | 12 ^h 03 | 12 ^h 41 | 1 ^h 52 | 4 ^h 03 | 15 ^h 46 | 15 ^h 50 | 18 ^h 05 | 10 ^h 17 | 4 ^h 17 | 20 ^h 44 | 19 ^h 46 | 3 ^h 41 | 21 ^h 20 | F 8 |
| S 9 | 19 6 33 | 16 ^h 24'42 | 23 ^h 58 | 14 ^h 51 | 2 ^h 37 | 4 ^h 43 | 15 ^h 58 | 15 ^h 57 | 18 ^h 03 | 10 ^h 16 | 4 ^h 17 | 20 ^h 45 | 19 ^h 43 | 3 ^h 48 | 21 ^h 21 | S 9 |
| S 10 | 19 10 30 | 17 ^h 21'55 | 5 ^h 8'59 | 17 ^h 00 | 3 ^h 22 | 5 ^h 23 | 16 ^h 10 | 16 ^h 04 | 18 ^h 00 | 10 ^h 14 | 4 ^h 16 | 20 ^h 46 | 19 ^h 40 | 3 ^h 55 | 21 ^h 22 | S 10 |
| M 11 | 19 14 26 | 18 ^h 19'08 | 18 ^h 11 | 19 ^h 09 | 4 ^h 08 | 6 ^h 03 | 16 ^h 23 | 16 ^h 11 | 17 ^h 58 | 10 ^h 13 | 4 ^h 16 | 20 ^h 47 | 19 ^h 37 | 4 ^h 02 | 21 ^h 22 | M 11 |
| T 12 | 19 18 23 | 19 ^h 16'22 | 0 ^h 11'39 | 21 ^h 17 | 4 ^h 55 | 6 ^h 43 | 16 ^h 35 | 16 ^h 18 | 17 ^h 55 | 10 ^h 11 | 4 ^h 16 | 20 ^h 49 | 19 ^h 34 | 4 ^h 08 | 21 ^h 23 | T 12 |
| W 13 | 19 22 19 | 20 ^h 13'37 | 13 ^h 26 | 23 ^h 25 | 5 ^h 43 | 7 ^h 23 | 16 ^h 47 | 16 ^h 25 | 17 ^h 53 | 10 ^h 09 | 4 ^h 16 | 20 ^h 50 | 19 ^h 30 | 4 ^h 15 | 21 ^h 24 | W 13 |
| T 14 | 19 26 16 | 21 ^h 10'52 | 26 ^h 33 | 25 ^h 31 | 6 ^h 31 | 8 ^h 03 | 17 ^h 00 | 16 ^h 32 | 17 ^h 51 | 10 ^h 08 | 4 ^h 16 | 20 ^h 50 | 19 ^h 27 | 4 ^h 22 | 21 ^h 25 | T 14 |
| F 15 | 19 30 13 | 22 ^h 08'08 | 10 ^h 02 3 | 27 ^h 36 | 7 ^h 20 | 8 ^h 43 | 17 ^h 12 | 16 ^h 39 | 17 ^h 48 | 10 ^h 06 | 4 ^h 16 | 20 ^h 49 | 19 ^h 24 | 4 ^h 28 | 21 ^h 25 | F 15 |
| S 16 | 19 34 9 | 23 ^h 05'24 | 23 ^h 54 | 29 ^h 40 | 8 ^h 10 | 9 ^h 22 | 17 ^h 25 | 16 ^h 46 | 17 ^h 46 | 10 ^h 05 | 4 ^h 15 | 20 ^h 46 | 19 ^h 21 | 4 ^h 35 | 21 ^h 26 | S 16 |
| S 17 | 19 38 6 | 24 ^h 02'41 | 8 ^h 02 3 | 1 ^h 04'42 | 9 ^h 01 | 10 ^h 02 | 17 ^h 37 | 16 ^h 52 | 17 ^h 43 | 10 ^h 03 | 4 ^h 15 | 20 ^h 42 | 19 ^h 18 | 4 ^h 42 | 21 ^h 26 | S 17 |
| M 18 | 19 42 2 | 24 ^h 59'58 | 22 ^h 25 | 3 ^h 43 | 9 ^h 52 | 10 ^h 42 | 17 ^h 50 | 16 ^h 59 | 17 ^h 41 | 10 ^h 02 | 4 ^h 15 | 20 ^h 37 | 19 ^h 15 | 4 ^h 49 | 21 ^h 27 | M 18 |
| T 19 | 19 45 59 | 25 ^h 57'15 | 6 ^h 10'54 | 5 ^h 42 | 10 ^h 44 | 11 ^h 22 | 18 ^h 02 | 17 ^h 06 | 17 ^h 39 | 10 ^h 00 | 4 ^h 15 | 20 ^h 32 | 19 ^h 11 | 4 ^h 55 | 21 ^h 27 | T 19 |
| W 20 | 19 49 55 | 26 ^h 54'33 | 21 ^h 25 | 7 ^h 39 | 11 ^h 36 | 12 ^h 01 | 18 ^h 15 | 17 ^h 12 | 17 ^h 36 | 9 ^h 58 | 4 ^h 14 | 20 ^h 27 | 19 ^h 08 | 5 ^h 02 | 21 ^h 27 | W 20 |
| T 21 | 19 53 52 | 27 ^h 51'50 | 5 ^h 42'52 | 9 ^h 35 | 12 ^h 29 | 12 ^h 41 | 18 ^h 28 | 17 ^h 19 | 17 ^h 34 | 9 ^h 57 | 4 ^h 14 | 20 ^h 24 | 19 ^h 05 | 5 ^h 09 | 21 ^h 28 | T 21 |
| F 22 | 19 57 48 | 28 ^h 49'09 | 20 ^h 11 | 11 ^h 29 | 13 ^h 23 | 13 ^h 20 | 18 ^h 40 | 17 ^h 26 | 17 ^h 32 | 9 ^h 55 | 4 ^h 13 | 20 ^h 22 | 19 ^h 02 | 5 ^h 15 | 21 ^h 28 | F 22 |
| S 23 | 20 1 45 | 29 ^h 46'27 | 4 ^h 11'19 | 13 ^h 21 | 14 ^h 17 | 14 ^h 00 | 18 ^h 53 | 17 ^h 32 | 17 ^h 29 | 9 ^h 54 | 4 ^h 13 | 20 ^h 22 | 18 ^h 59 | 5 ^h 22 | 21 ^h 28 | S 23 |
| S 24 | 20 5 42 | 0 ^h 04'34'46 | 18 ^h 14 | 15 ^h 11 | 15 ^h 11 | 14 ^h 39 | 19 ^h 06 | 17 ^h 39 | 17 ^h 27 | 9 ^h 52 | 4 ^h 13 | 20 ^h 23 | 18 ^h 56 | 5 ^h 29 | 21 ^h 28 | S 24 |
| M 25 | 20 9 38 | 1 ^h 41'05 | 1 ^h 47'57 | 17 ^h 00 | 16 ^h 06 | 15 ^h 19 | 19 ^h 18 | 17 ^h 45 | 17 ^h 25 | 9 ^h 51 | 4 ^h 12 | 20 ^h 24 | 18 ^h 52 | 5 ^h 36 | 21 ^h 28 | M 25 |
| T 26 | 20 13 35 | 2 ^h 38'25 | 15 ^h 27 | 18 ^h 47 | 17 ^h 02 | 15 ^h 58 | 19 ^h 31 | 17 ^h 51 | 17 ^h 22 | 9 ^h 49 | 4 ^h 12 | 20 ^h 25 | 18 ^h 49 | 5 ^h 42 | 21 ^h 28 | T 26 |
| W 27 | 20 17 31 | 3 ^h 35'46 | 28 ^h 44 | 20 ^h 33 | 17 ^h 58 | 16 ^h 38 | 19 ^h 44 | 17 ^h 57 | 17 ^h 20 | 9 ^h 48 | 4 ^h 11 | 20 ^h 25 | 18 ^h 46 | 5 ^h 49 | 21 ^h 28 | W 27 |
| T 28 | 20 21 28 | 4 ^h 33'07 | 11 ^h 02'50 | 22 ^h 16 | 18 ^h 55 | 17 ^h 17 | 19 ^h 57 | 18 ^h 04 | 17 ^h 18 | 9 ^h 47 | 4 ^h 11 | 20 ^h 23 | 18 ^h 43 | 5 ^h 56 | 21 ^h 28 | T 28 |
| F 29 | 20 25 24 | 5 ^h 30'29 | 24 ^h 43 | 23 ^h 58 | 19 ^h 52 | 17 ^h 56 | 20 ^h 10 | 18 ^h 10 | 17 ^h 15 | 9 ^h 45 | 4 ^h 10 | 20 ^h 19 | 18 ^h 40 | 6 ^h 03 | 21 ^h 28 | F 29 |
| S 30 | 20 29 21 | 6 ^h 27'51 | 7 ^h 22'25 | 25 ^h 39 | 20 ^h 49 | 18 ^h 36 | 20 ^h 23 | 18 ^h 16 | 17 ^h 13 | 9 ^h 44 | 4 ^h 10 | 20 ^h 13 | 18 ^h 36 | 6 ^h 09 | 21 ^h 28 | S 30 |
| S 31 | 20 33 17 | 7 ^h 02'51'15 | 19 ^h 54'54 | 27 ^h 01'17 | 21 ^h 11'47 | 19 ^h 02'15 | 20 ^h 02'36 | 18 ^h 11'22 | 17 ^h 02'11 | 9 ^h 34'42 | 4 ^h 10'09 | 20 ^h 02'5 | 18 ^h 27'33 | 6 ^h 17'16 | 21 ^h 27'27 | S 31 |

| Day | ☉ | ☾ | | ♊ | | ♋ | | ♌ | | ♍ | | ♎ | | ♏ | | ♐ | | ♑ | | ♒ | ♓ | ♈ | ♉ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ |
|------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|------|------|------|-----|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | decl | decl | decl | lat | decl | decl | decl | decl | decl | decl | decl | decl | lat |
| F 1 | 23n10 | 20s19 | 2n13 | 23n33 | 0n 6 | 15n46 | 3s52 | 24n 7 | 0n39 | 17n16 | 0n46 | 21n11 | 1s27 | 22s40 | 0s28 | 22s 8 | 0n55 | 13s32 | 16s38 | 23s 9 | 23s 6 | 5n46 | 9n25 | 1n14 | | | | | | | | | |
| S 2 | 23 6 | 17 15 | 3 13 | 23 45 | 0 17 | 15 53 | 3 54 | 24 7 | 0 39 | 17 13 | 0 46 | 21 11 | 1 27 | 22 40 | 0 28 | 22 9 | 0 55 | 13 33 | 16 38 | 23 9 | 23 5 | 5 48 | 9 25 | 1 14 | | | | | | | | | |
| S 3 | 23 2 | 13 27 | 4 3 | 23 55 | 0 28 | 16 0 | 3 55 | 24 8 | 0 40 | 17 9 | 0 46 | 21 12 | 1 27 | 22 40 | 0 28 | 22 9 | 0 55 | 13 33 | 16 39 | 23 9 | 23 5 | 5 51 | 9 26 | 1 14 | | | | | | | | | |
| M 4 | 22 57 | 9 8 | 4 40 | 24 2 | 0 38 | 16 7 | 3 57 | 24 8 | 0 40 | 17 6 | 0 46 | 21 13 | 1 27 | 22 41 | 0 28 | 22 9 | 0 55 | 13 33 | 16 39 | 23 9 | 23 5 | 5 53 | 9 26 | 1 14 | | | | | | | | | |
| T 5 | 22 52 | 4 32 | 5 4 | 24 6 | 0 48 | 16 15 | 3 58 | 24 8 | 0 41 | 17 2 | 0 46 | 21 14 | 1 27 | 22 41 | 0 28 | 22 9 | 0 54 | 13 33 | 16 39 | 23 9 | 23 5 | 5 56 | 9 27 | 1 14 | | | | | | | | | |
| W 6 | 22 46 | 0n10 | 5 14 | 24 8 | 0 57 | 16 22 | 3 58 | 24 7 | 0 41 | 16 59 | 0 46 | 21 14 | 1 27 | 22 41 | 0 28 | 22 9 | 0 54 | 13 34 | 16 40 | 23 8 | 23 5 | 5 58 | 9 27 | 1 14 | | | | | | | | | |
| T 7 | 22 40 | 4 48 | 5 10 | 24 7 | 1 5 | 16 31 | 3 59 | 24 7 | 0 42 | 16 55 | 0 46 | 21 15 | 1 27 | 22 42 | 0 28 | 22 9 | 0 54 | 13 34 | 16 40 | 23 8 | 23 4 | 6 1 | 9 27 | 1 14 | | | | | | | | | |
| F 8 | 22 34 | 9 15 | 4 53 | 24 4 | 1 13 | 16 39 | 3 59 | 24 6 | 0 42 | 16 51 | 0 46 | 21 16 | 1 27 | 22 42 | 0 28 | 22 9 | 0 54 | 13 35 | 16 40 | 23 8 | 23 4 | 6 3 | 9 28 | 1 14 | | | | | | | | | |
| S 9 | 22 27 | 13 23 | 4 23 | 23 57 | 1 20 | 16 47 | 3 59 | 24 6 | 0 43 | 16 48 | 0 46 | 21 17 | 1 27 | 22 42 | 0 28 | 22 10 | 0 54 | 13 35 | 16 41 | 23 8 | 23 4 | 6 5 | 9 28 | 1 14 | | | | | | | | | |
| S 10 | 22 20 | 17 1 | 3 42 | 23 48 | 1 26 | 16 56 | 3 59 | 24 5 | 0 43 | 16 44 | 0 46 | 21 17 | 1 27 | 22 43 | 0 28 | 22 10 | 0 54 | 13 35 | 16 41 | 23 8 | 23 4 | 6 8 | 9 28 | 1 14 | | | | | | | | | |
| M11 | 22 12 | 19 58 | 2 49 | 23 36 | 1 31 | 17 5 | 3 59 | 24 3 | 0 44 | 16 40 | 0 46 | 21 18 | 1 27 | 22 43 | 0 28 | 22 10 | 0 54 | 13 36 | 16 41 | 23 8 | 23 3 | 6 10 | 9 29 | 1 14 | | | | | | | | | |
| T 12 | 22 4 | 22 4 | 1 48 | 23 21 | 1 36 | 17 13 | 3 59 | 24 2 | 0 44 | 16 37 | 0 46 | 21 19 | 1 27 | 22 43 | 0 28 | 22 10 | 0 54 | 13 36 | 16 42 | 23 9 | 23 3 | 6 13 | 9 29 | 1 14 | | | | | | | | | |
| W13 | 21 56 | 23 6 | 0 40 | 23 4 | 1 40 | 17 22 | 3 58 | 24 0 | 0 45 | 16 33 | 0 46 | 21 20 | 1 27 | 22 44 | 0 28 | 22 10 | 0 54 | 13 36 | 16 42 | 23 9 | 23 3 | 6 15 | 9 29 | 1 14 | | | | | | | | | |
| T 14 | 21 48 | 22 54 | 0s31 | 22 45 | 1 43 | 17 31 | 3 57 | 23 58 | 0 45 | 16 29 | 0 46 | 21 20 | 1 27 | 22 44 | 0 28 | 22 10 | 0 54 | 13 37 | 16 43 | 23 9 | 23 3 | 6 18 | 9 30 | 1 14 | | | | | | | | | |
| F 15 | 21 38 | 21 22 | 1 43 | 22 23 | 1 46 | 17 40 | 3 56 | 23 56 | 0 46 | 16 26 | 0 46 | 21 21 | 1 27 | 22 44 | 0 28 | 22 10 | 0 54 | 13 37 | 16 43 | 23 9 | 23 2 | 6 20 | 9 30 | 1 14 | | | | | | | | | |
| S 16 | 21 29 | 18 33 | 2 51 | 21 59 | 1 47 | 17 49 | 3 55 | 23 54 | 0 46 | 16 22 | 0 46 | 21 22 | 1 27 | 22 45 | 0 28 | 22 11 | 0 54 | 13 38 | 16 43 | 23 8 | 23 2 | 6 23 | 9 30 | 1 14 | | | | | | | | | |
| S 17 | 21 19 | 14 35 | 3 49 | 21 34 | 1 48 | 17 58 | 3 54 | 23 52 | 0 47 | 16 18 | 0 46 | 21 22 | 1 27 | 22 45 | 0 28 | 22 11 | 0 54 | 13 38 | 16 44 | 23 8 | 23 2 | 6 25 | 9 30 | 1 14 | | | | | | | | | |
| M18 | 21 9 | 9 44 | 4 34 | 21 6 | 1 49 | 18 7 | 3 52 | 23 49 | 0 47 | 16 14 | 0 46 | 21 23 | 1 27 | 22 45 | 0 28 | 22 11 | 0 54 | 13 39 | 16 44 | 23 8 | 23 2 | 6 28 | 9 30 | 1 14 | | | | | | | | | |
| T 19 | 20 59 | 4 18 | 5 2 | 20 37 | 1 48 | 18 16 | 3 51 | 23 46 | 0 48 | 16 10 | 0 46 | 21 23 | 1 27 | 22 46 | 0 28 | 22 11 | 0 54 | 13 39 | 16 44 | 23 7 | 23 1 | 6 30 | 9 30 | 1 14 | | | | | | | | | |
| W20 | 20 48 | 1s21 | 5 11 | 20 6 | 1 47 | 18 25 | 3 49 | 23 43 | 0 48 | 16 6 | 0 46 | 21 24 | 1 27 | 22 46 | 0 28 | 22 11 | 0 54 | 13 39 | 16 45 | 23 7 | 23 1 | 6 33 | 9 31 | 1 14 | | | | | | | | | |
| T 21 | 20 36 | 6 55 | 5 0 | 19 34 | 1 46 | 18 33 | 3 47 | 23 40 | 0 49 | 16 3 | 0 46 | 21 25 | 1 27 | 22 46 | 0 28 | 22 11 | 0 54 | 13 40 | 16 45 | 23 7 | 23 1 | 6 35 | 9 31 | 1 13 | | | | | | | | | |
| F 22 | 20 25 | 12 4 | 4 30 | 19 1 | 1 44 | 18 42 | 3 45 | 23 37 | 0 49 | 15 59 | 0 46 | 21 25 | 1 27 | 22 46 | 0 28 | 22 11 | 0 54 | 13 40 | 16 45 | 23 7 | 23 0 | 6 37 | 9 31 | 1 13 | | | | | | | | | |
| S 23 | 20 13 | 16 29 | 3 44 | 18 26 | 1 41 | 18 50 | 3 43 | 23 33 | 0 50 | 15 55 | 0 46 | 21 26 | 1 27 | 22 47 | 0 28 | 22 11 | 0 54 | 13 41 | 16 46 | 23 7 | 23 0 | 6 40 | 9 31 | 1 13 | | | | | | | | | |
| S 24 | 20 1 | 19 56 | 2 46 | 17 51 | 1 38 | 18 59 | 3 41 | 23 29 | 0 50 | 15 51 | 0 46 | 21 26 | 1 27 | 22 47 | 0 28 | 22 12 | 0 54 | 13 41 | 16 46 | 23 7 | 23 0 | 6 42 | 9 31 | 1 13 | | | | | | | | | |
| M25 | 19 48 | 22 11 | 1 39 | 17 15 | 1 34 | 19 7 | 3 39 | 23 25 | 0 51 | 15 47 | 0 46 | 21 27 | 1 27 | 22 47 | 0 28 | 22 12 | 0 54 | 13 42 | 16 46 | 23 7 | 23 0 | 6 45 | 9 31 | 1 13 | | | | | | | | | |
| T 26 | 19 35 | 23 7 | 0 27 | 16 37 | 1 29 | 19 15 | 3 36 | 23 21 | 0 51 | 15 43 | 0 46 | 21 27 | 1 27 | 22 48 | 0 28 | 22 12 | 0 54 | 13 42 | 16 47 | 23 7 | 22 59 | 6 47 | 9 31 | 1 13 | | | | | | | | | |
| W27 | 19 22 | 22 42 | 0n45 | 15 59 | 1 25 | 19 22 | 3 34 | 23 17 | 0 52 | 15 39 | 0 46 | 21 28 | 1 27 | 22 48 | 0 28 | 22 12 | 0 54 | 13 43 | 16 47 | 23 7 | 22 59 | 6 50 | 9 31 | 1 13 | | | | | | | | | |
| T 28 | 19 9 | 21 3 | 1 53 | 15 21 | 1 19 | 19 30 | 3 31 | 23 12 | 0 52 | 15 35 | 0 46 | 21 29 | 1 27 | 22 48 | 0 28 | 22 12 | 0 54 | 13 43 | 16 47 | 23 7 | 22 59 | 6 52 | 9 31 | 1 13 | | | | | | | | | |
| F 29 | 18 55 | 18 20 | 2 54 | 14 42 | 1 14 | 19 37 | 3 28 | 23 7 | 0 53 | 15 31 | 0 47 | 21 29 | 1 27 | 22 49 | 0 28 | 22 12 | 0 54 | 13 44 | 16 48 | 23 6 | 22 59 | 6 55 | 9 31 | 1 13 | | | | | | | | | |
| S 30 | 18 40 | 14 48 | 3 46 | 14 3 | 1 8 | 19 44 | 3 25 | 23 3 | 0 53 | 15 27 | 0 47 | 21 30 | 1 27 | 22 49 | 0 28 | 22 12 | 0 54 | 13 44 | 16 48 | 23 6 | 22 58 | 6 57 | 9 31 | 1 13 | | | | | | | | | |
| S 31 | 18n26 | 10s39 | 4n26 | 13n23 | 1n 1 | 19n50 | 3s22 | 22n58 | 0n53 | 15n23 | 0n47 | 21n30 | 1s27 | 22s49 | 0s28 | 22s12 | 0n54 | 13s45 | 16s48 | 23s 5 | 22s58 | 6n59 | 9n30 | 1n13 | | | | | | | | | |

ASTRODIENST EPHEMERIS for the year 1825

geocentric

AUGUST 1825

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|----------|-------|-------|-------|-------|-------|-------|--------|-------|-------|--------|-------|------|--------|------|
| M 1 | 20 37 14 | 8♂22'39 | 2♂13 | 28♂54 | 22♂45 | 19♂54 | 20♂48 | 18♂28 | 17°R 9 | 9°R41 | 4°R 9 | 19°R57 | 18♂30 | 6♂23 | 21°R27 | M 1 |
| T 2 | 20 41 11 | 9°20'04 | 14°21 | 0♂29 | 23°44 | 20°33 | 21° 1 | 18°34 | 17♂ 7 | 9♂40 | 4♂ 8 | 19♂48 | 18°27 | 6°29 | 21°V27 | T 2 |
| W 3 | 20 45 7 | 10°17'31 | 26°21 | 2° 3 | 24°43 | 21°12 | 21°14 | 18°40 | 17° 4 | 9°38 | 4° 8 | 19°40 | 18°24 | 6°36 | 21°26 | W 3 |
| T 4 | 20 49 4 | 11°14'58 | 8♂15 | 3°35 | 25°42 | 21°51 | 21°27 | 18°45 | 17° 2 | 9°37 | 4° 7 | 19°33 | 18°21 | 6°43 | 21°26 | T 4 |
| F 5 | 20 53 0 | 12°12'27 | 20° 6 | 5° 5 | 26°42 | 22°30 | 21°40 | 18°51 | 17° 0 | 9°36 | 4° 6 | 19°28 | 18°17 | 6°50 | 21°25 | F 5 |
| S 6 | 20 56 57 | 13° 9'57 | 1♂59 | 6°34 | 27°42 | 23° 9 | 21°53 | 18°57 | 16°58 | 9°34 | 4° 6 | 19°26 | 18°14 | 6°56 | 21°25 | S 6 |
| S 7 | 21 0 53 | 14° 7'29 | 13°59 | 8° 1 | 28°43 | 23°48 | 22° 6 | 19° 2 | 16°56 | 9°33 | 4° 5 | 19°D25 | 18°11 | 7° 3 | 21°24 | S 7 |
| M 8 | 21 4 50 | 15° 5'02 | 26° 9 | 9°26 | 29°44 | 24°27 | 22°19 | 19° 8 | 16°54 | 9°32 | 4° 4 | 19°25 | 18° 8 | 7°10 | 21°23 | M 8 |
| T 9 | 21 8 46 | 16° 2'36 | 8♂36 | 10°49 | 0♂45 | 25° 6 | 22°32 | 19°13 | 16°52 | 9°31 | 4° 4 | 19°26 | 18° 5 | 7°16 | 21°23 | T 9 |
| W10 | 21 12 43 | 17° 0'12 | 21°23 | 12°11 | 1°47 | 25°45 | 22°46 | 19°19 | 16°50 | 9°29 | 4° 3 | 19°R27 | 18° 2 | 7°23 | 21°22 | W10 |
| T 11 | 21 16 40 | 17°57'49 | 4♂36 | 13°30 | 2°48 | 26°24 | 22°59 | 19°24 | 16°48 | 9°28 | 4° 2 | 19°26 | 17°58 | 7°30 | 21°21 | T 11 |
| F 12 | 21 20 36 | 18°55'28 | 18°15 | 14°48 | 3°51 | 27° 3 | 23°12 | 19°29 | 16°46 | 9°27 | 4° 1 | 19°22 | 17°55 | 7°37 | 21°20 | F 12 |
| S 13 | 21 24 33 | 19°53'08 | 2♂20 | 16° 4 | 4°53 | 27°42 | 23°25 | 19°34 | 16°44 | 9°26 | 4° 0 | 19°17 | 17°52 | 7°43 | 21°19 | S 13 |
| S 14 | 21 28 29 | 20°50'49 | 16°49 | 17°18 | 5°56 | 28°20 | 23°38 | 19°39 | 16°42 | 9°25 | 4° 0 | 19° 9 | 17°49 | 7°50 | 21°18 | S 14 |
| M15 | 21 32 26 | 21°48'32 | 1♂35 | 18°30 | 6°59 | 28°59 | 23°51 | 19°44 | 16°40 | 9°24 | 3°59 | 19° 0 | 17°46 | 7°57 | 21°17 | M15 |
| T 16 | 21 36 22 | 22°46'16 | 16°31 | 19°40 | 8° 2 | 29°38 | 24° 4 | 19°49 | 16°39 | 9°23 | 3°58 | 18°51 | 17°42 | 8° 3 | 21°16 | T 16 |
| W17 | 21 40 19 | 23°44'01 | 1♂26 | 20°47 | 9° 5 | 0♂16 | 24°17 | 19°54 | 16°37 | 9°21 | 3°57 | 18°42 | 17°39 | 8°10 | 21°15 | W17 |
| T 18 | 21 44 15 | 24°41'47 | 16°13 | 21°53 | 10° 9 | 0°55 | 24°30 | 19°59 | 16°35 | 9°20 | 3°56 | 18°35 | 17°36 | 8°17 | 21°13 | T 18 |
| F 19 | 21 48 12 | 25°39'35 | 0♂45 | 22°56 | 11°13 | 1°33 | 24°43 | 20° 4 | 16°33 | 9°19 | 3°55 | 18°30 | 17°33 | 8°24 | 21°12 | F 19 |
| S 20 | 21 52 9 | 26°37'23 | 14°59 | 23°56 | 12°17 | 2°12 | 24°56 | 20° 8 | 16°32 | 9°18 | 3°55 | 18°28 | 17°30 | 8°30 | 21°11 | S 20 |
| S 21 | 21 56 5 | 27°35'13 | 28°52 | 24°54 | 13°22 | 2°51 | 25°10 | 20°13 | 16°30 | 9°18 | 3°54 | 18°D28 | 17°27 | 8°37 | 21° 9 | S 21 |
| M22 | 22 0 2 | 28°33'04 | 12♂25 | 25°49 | 14°27 | 3°29 | 25°23 | 20°17 | 16°28 | 9°17 | 3°53 | 18°R28 | 17°23 | 8°44 | 21° 8 | M22 |
| T 23 | 22 3 58 | 29°30'56 | 25°40 | 26°41 | 15°31 | 4° 7 | 25°36 | 20°22 | 16°27 | 9°16 | 3°52 | 18°28 | 17°20 | 8°50 | 21° 7 | T 23 |
| W24 | 22 7 55 | 0♂28'50 | 8♂40 | 27°29 | 16°37 | 4°46 | 25°49 | 20°26 | 16°25 | 9°15 | 3°51 | 18°26 | 17°17 | 8°57 | 21° 5 | W24 |
| T 25 | 22 11 51 | 1°26'44 | 21°27 | 28°15 | 17°42 | 5°24 | 26° 2 | 20°30 | 16°24 | 9°14 | 3°50 | 18°22 | 17°14 | 9° 4 | 21° 4 | T 25 |
| F 26 | 22 15 48 | 2°24'40 | 4♂ 2 | 28°57 | 18°48 | 6° 2 | 26°15 | 20°34 | 16°22 | 9°13 | 3°49 | 18°15 | 17°11 | 9°11 | 21° 2 | F 26 |
| S 27 | 22 19 44 | 3°22'38 | 16°27 | 29°35 | 19°53 | 6°41 | 26°28 | 20°38 | 16°21 | 9°12 | 3°48 | 18° 6 | 17° 8 | 9°17 | 21° 0 | S 27 |
| S 28 | 22 23 41 | 4°20'37 | 28°44 | 0♂ 9 | 20°59 | 7°19 | 26°41 | 20°42 | 16°20 | 9°12 | 3°47 | 17°54 | 17° 4 | 9°24 | 20°59 | S 28 |
| M29 | 22 27 38 | 5°18'37 | 10♂32 | 0°39 | 22° 6 | 7°57 | 26°54 | 20°46 | 16°18 | 9°11 | 3°46 | 17°41 | 17° 1 | 9°31 | 20°57 | M29 |
| T 30 | 22 31 34 | 6°16'39 | 22°52 | 1° 5 | 23°12 | 8°35 | 27° 7 | 20°50 | 16°17 | 9°10 | 3°45 | 17°27 | 16°58 | 9°37 | 20°55 | T 30 |
| W31 | 22 35 31 | 7♂14'43 | 4♂49 | 1♂25 | 24♂19 | 9♂14 | 27♂20 | 20♂53 | 16♂16 | 9♂ 9 | 3♂44 | 17♂15 | 16♂55 | 9♂44 | 20♂53 | W31 |

| Day | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat |
| M 1 | 18n11 | 6s 9 | 4n52 | 12n43 | 0n54 | 19n57 | 3s19 | 22n52 | 0n54 | 15n18 | 0n47 | 21n30 | 1s27 | 22s49 | 0s28 | 22s13 | 0n54 |
| T 2 | 17 56 | 1 28 | 5 5 | 12 3 | 0 47 | 20 3 | 3 16 | 22 47 | 0 54 | 15 14 | 0 47 | 21 31 | 1 27 | 22 50 | 0 28 | 22 13 | 0 54 |
| W 3 | 17 41 | 3n12 | 5 4 | 11 23 | 0 40 | 20 9 | 3 13 | 22 41 | 0 55 | 15 10 | 0 47 | 21 31 | 1 28 | 22 50 | 0 28 | 22 13 | 0 54 |
| T 4 | 17 25 | 7 43 | 4 50 | 10 42 | 0 32 | 20 14 | 3 10 | 22 36 | 0 55 | 15 6 | 0 47 | 21 32 | 1 28 | 22 50 | 0 28 | 22 13 | 0 54 |
| F 5 | 17 9 | 11 56 | 4 24 | 10 2 | 0 24 | 20 19 | 3 6 | 22 30 | 0 56 | 15 2 | 0 47 | 21 32 | 1 28 | 22 50 | 0 28 | 22 13 | 0 54 |
| S 6 | 16 53 | 15 43 | 3 46 | 9 21 | 0 16 | 20 24 | 3 3 | 22 24 | 0 56 | 14 58 | 0 47 | 21 33 | 1 28 | 22 51 | 0 28 | 22 13 | 0 54 |
| S 7 | 16 36 | 18 53 | 2 58 | 8 41 | 0 7 | 20 28 | 2 59 | 22 17 | 0 56 | 14 54 | 0 47 | 21 33 | 1 28 | 22 51 | 0 28 | 22 13 | 0 54 |
| M 8 | 16 20 | 21 17 | 2 2 | 8 1 | 0s 1 | 20 32 | 2 56 | 22 11 | 0 57 | 14 49 | 0 47 | 21 33 | 1 28 | 22 51 | 0 28 | 22 13 | 0 54 |
| T 9 | 16 3 | 22 43 | 0 58 | 7 21 | 0 10 | 20 35 | 2 52 | 22 4 | 0 57 | 14 45 | 0 47 | 21 34 | 1 28 | 22 52 | 0 28 | 22 14 | 0 54 |
| W10 | 15 45 | 23 0 | 0s10 | 6 42 | 0 19 | 20 38 | 2 49 | 21 58 | 0 58 | 14 41 | 0 47 | 21 34 | 1 28 | 22 52 | 0 28 | 22 14 | 0 54 |
| T 11 | 15 28 | 23 3 | 1 20 | 6 3 | 0 29 | 20 41 | 2 45 | 21 51 | 0 58 | 14 37 | 0 47 | 21 35 | 1 28 | 22 52 | 0 28 | 22 14 | 0 54 |
| F 12 | 15 10 | 19 47 | 2 28 | 5 24 | 0 38 | 20 43 | 2 41 | 21 44 | 0 59 | 14 32 | 0 47 | 21 35 | 1 28 | 22 52 | 0 28 | 22 14 | 0 54 |
| S 13 | 14 52 | 16 17 | 3 28 | 4 46 | 0 48 | 20 45 | 2 37 | 21 36 | 0 59 | 14 28 | 0 47 | 21 35 | 1 28 | 22 52 | 0 28 | 22 14 | 0 54 |
| S 14 | 14 34 | 11 44 | 4 17 | 4 8 | 0 58 | 20 47 | 2 33 | 21 29 | 0 59 | 14 24 | 0 47 | 21 36 | 1 28 | 22 53 | 0 28 | 22 14 | 0 54 |
| M15 | 14 15 | 6 24 | 4 49 | 3 31 | 1 7 | 20 48 | 2 29 | 21 21 | 1 0 | 14 20 | 0 47 | 21 36 | 1 28 | 22 53 | 0 28 | 22 14 | 0 54 |
| T 16 | 13 56 | 0 40 | 5 3 | 2 55 | 1 17 | 20 48 | 2 25 | 21 14 | 1 0 | 14 15 | 0 47 | 21 36 | 1 28 | 22 53 | 0 28 | 22 14 | 0 54 |
| W17 | 13 37 | 5s 6 | 4 56 | 2 19 | 1 27 | 20 48 | 2 21 | 21 6 | 1 1 | 14 11 | 0 47 | 21 37 | 1 28 | 22 53 | 0 28 | 22 14 | 0 54 |
| T 18 | 13 18 | 10 31 | 4 29 | 1 44 | 1 38 | 20 47 | 2 17 | 20 58 | 1 1 | 14 7 | 0 48 | 21 37 | 1 28 | 22 54 | 0 28 | 22 15 | 0 54 |
| F 19 | 12 59 | 15 16 | 3 45 | 1 10 | 1 48 | 20 46 | 2 13 | 20 50 | 1 2 | 14 2 | 0 48 | 21 37 | 1 28 | 22 54 | 0 28 | 22 15 | 0 53 |
| S 20 | 12 39 | 19 1 | 2 48 | 0 37 | 1 58 | 20 45 | 2 9 | 20 42 | 1 2 | 13 58 | 0 48 | 21 37 | 1 28 | 22 54 | 0 28 | 22 15 | 0 53 |
| S 21 | 12 19 | 21 35 | 1 42 | 0 4 | 2 8 | 20 43 | 2 5 | 20 33 | 1 2 | 13 54 | 0 48 | 21 38 | 1 29 | 22 54 | 0 28 | 22 15 | 0 53 |
| M22 | 11 59 | 22 50 | 0 32 | 0s27 | 2 18 | 20 41 | 2 1 | 20 25 | 1 3 | 13 49 | 0 48 | 21 38 | 1 29 | 22 54 | 0 28 | 22 15 | 0 53 |
| T 23 | 11 39 | 22 45 | 0n38 | 0 56 | 2 28 | 20 38 | 1 57 | 20 16 | 1 3 | 13 45 | 0 48 | 21 38 | 1 29 | 22 55 | 0 28 | 22 15 | 0 53 |
| W24 | 11 19 | 21 26 | 1 45 | 1 25 | 2 38 | 20 34 | 1 52 | 20 7 | 1 4 | 13 41 | 0 48 | 21 38 | 1 29 | 22 55 | 0 28 | 22 15 | 0 53 |
| T 25 | 10 58 | 19 2 | 2 45 | 1 52 | 2 47 | 20 30 | 1 48 | 19 58 | 1 4 | 13 36 | 0 48 | 21 39 | 1 29 | 22 55 | 0 28 | 22 15 | 0 53 |
| F 26 | 10 38 | 15 46 | 3 36 | 2 17 | 2 57 | 20 25 | 1 44 | 19 49 | 1 4 | 13 32 | 0 48 | 21 39 | 1 29 | 22 55 | 0 28 | 22 15 | 0 53 |
| S 27 | 10 17 | 11 50 | 4 16 | 2 41 | 3 6 | 20 20 | 1 40 | 19 40 | 1 5 | 13 28 | 0 48 | 21 39 | 1 29 | 22 55 | 0 28 | 22 15 | 0 53 |
| S 28 | 9 56 | 7 29 | 4 44 | 3 3 | 3 15 | 20 15 | 1 36 | 19 31 | 1 5 | 13 23 | 0 48 | 21 39 | 1 29 | 22 55 | 0 28 | 22 15 | 0 53 |
| M29 | 9 34 | 2 54 | 4 58 | 3 23 | 3 24 | 20 9 | 1 31 | 19 21 | 1 6 | 13 19 | 0 48 | 21 39 | 1 29 | 22 55 | 0 28 | 22 16 | 0 53 |
| T 30 | 9 13 | 1n45 | 4 59 | 3 41 | 3 32 | 20 2 | 1 27 | 19 12 | 1 6 | 13 14 | 0 48 | 21 40 | 1 29 | 22 56 | 0 28 | 22 16 | 0 53 |
| W31 | 8n52 | 6n18 | 4n46 | 3s56 | 3s40 | 19n55 | 1s23 | 19n 2 | 1n 6 | 13n10 | 0n49 | 21n40 | 1s29 | 22s56 | 0s28 | 22s16 | 0n53 |

Julian Day Number = 2387839.5, Delta T = 13.78 sec
 Ecliptic obliquity = 23°27'41", Nutation = 0°00'18", out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 22°18'17", Lahiri = 21°25'18"

ASTRODIENST EPHEMERIS for the year 1825

geocentric

SEPTEMBER 1825

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♂ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|----------|------------------------|-----------------------|---------------------|---------------------|---------------------|---------------------|---------------------|---------------------|--------------------|--------------------|---------------------|----------------------|---------------------|---------------------|------|
| T 1 | 22 39 27 | 8 ^h 12'49" | 16 ^h 41' | 1 ^h 41' | 25 ^h 25' | 9 ^h 52' | 27 ^h 33' | 20 ^h 57' | 16 ^h R15 | 9 ^h R 9 | 3 ^h R43 | 17 ^h R 4 | 16 ^h 52' | 9 ^h 51' | 20 ^h R51 | T 1 |
| F 2 | 22 43 24 | 9 ^h 10'56" | 28 ^h 31' | 1 ^h 51' | 26 ^h 32' | 10 ^h 30' | 27 ^h 46' | 21 ^h 0' | 16 ^h 314 | 9 ^h 3 8 | 3 ^h Y42 | 16 ^h 56' | 16 ^h 48' | 9 ^h 57' | 20 ^h Y50 | F 2 |
| S 3 | 22 47 20 | 10 ^h 9'06" | 10 ^h 8'22" | 1 ^h R56 | 27 ^h 40' | 11 ^h 8' | 27 ^h 59' | 21 ^h 4' | 16 ^h 12 | 9 ^h 8 | 3 ^h 41 | 16 ^h 50' | 16 ^h 45' | 10 ^h 4' | 20 ^h 48 | S 3 |
| S 4 | 22 51 17 | 11 ^h 7'17" | 22 ^h 20' | 1 ^h 54' | 28 ^h 47' | 11 ^h 46' | 28 ^h 12' | 21 ^h 7' | 16 ^h 11 | 9 ^h 7 | 3 ^h 40 | 16 ^h 47' | 16 ^h 42' | 10 ^h 11' | 20 ^h 46 | S 4 |
| M 5 | 22 55 13 | 12 ^h 5'31" | 4 ^h 12'27" | 1 ^h 47' | 29 ^h 54' | 12 ^h 24' | 28 ^h 25' | 21 ^h 10' | 16 ^h 10 | 9 ^h 7 | 3 ^h 39 | 16 ^h 46' | 16 ^h 39' | 10 ^h 18' | 20 ^h 44 | M 5 |
| T 6 | 22 59 10 | 13 ^h 3'47" | 16 ^h 51' | 1 ^h 33' | 1 ^h 2 | 13 ^h 2' | 28 ^h 38' | 21 ^h 13' | 16 ^h 9 | 9 ^h 6 | 3 ^h 37 | 16 ^h 46' | 16 ^h 36' | 10 ^h 24' | 20 ^h 42 | T 6 |
| W 7 | 23 3 6 | 14 ^h 2'04" | 29 ^h 35' | 1 ^h 12' | 2 ^h 10' | 13 ^h 40' | 28 ^h 51' | 21 ^h 16' | 16 ^h 8 | 9 ^h 6 | 3 ^h 36 | 16 ^h 46' | 16 ^h 33' | 10 ^h 31' | 20 ^h 39 | W 7 |
| T 8 | 23 7 3 | 15 ^h 0'24" | 12 ^h 34' | 0 ^h 45' | 3 ^h 18' | 14 ^h 18' | 29 ^h 3' | 21 ^h 19' | 16 ^h 8 | 9 ^h 5 | 3 ^h 35 | 16 ^h 44' | 16 ^h 29' | 10 ^h 38' | 20 ^h 37 | T 8 |
| F 9 | 23 11 0 | 15 ^h 58'46" | 26 ^h 22' | 0 ^h 12' | 4 ^h 26' | 14 ^h 56' | 29 ^h 16' | 21 ^h 22' | 16 ^h 7 | 9 ^h 5 | 3 ^h 34 | 16 ^h 40' | 16 ^h 26' | 10 ^h 44' | 20 ^h 35 | F 9 |
| S 10 | 23 14 56 | 16 ^h 57'10" | 10 ^h 30' | 29 ^h 32' | 5 ^h 35' | 15 ^h 33' | 29 ^h 29' | 21 ^h 24' | 16 ^h 6 | 9 ^h 4 | 3 ^h 33 | 16 ^h 34' | 16 ^h 23' | 10 ^h 51' | 20 ^h 33 | S 10 |
| S 11 | 23 18 53 | 17 ^h 55'36" | 25 ^h 6' | 28 ^h 46' | 6 ^h 43' | 16 ^h 11' | 29 ^h 42' | 21 ^h 27' | 16 ^h 5 | 9 ^h 4 | 3 ^h 32 | 16 ^h 25' | 16 ^h 20' | 10 ^h 58' | 20 ^h 31 | S 11 |
| M12 | 23 22 49 | 18 ^h 54'04" | 10 ^h 4' | 27 ^h 55' | 7 ^h 52' | 16 ^h 49' | 29 ^h 54' | 21 ^h 30' | 16 ^h 4 | 9 ^h 4 | 3 ^h 31 | 16 ^h 14' | 16 ^h 17' | 11 ^h 5' | 20 ^h 28 | M12 |
| T 13 | 23 26 46 | 19 ^h 52'33" | 25 ^h 15' | 26 ^h 59' | 9 ^h 1' | 17 ^h 27' | 0 ^h 7' | 21 ^h 32' | 16 ^h 4 | 9 ^h 3 | 3 ^h 30 | 16 ^h 3' | 16 ^h 13' | 11 ^h 11' | 20 ^h 26 | T 13 |
| W14 | 23 30 42 | 20 ^h 51'05" | 10 ^h 30' | 26 ^h 0' | 10 ^h 10' | 18 ^h 5' | 0 ^h 20' | 21 ^h 34' | 16 ^h 3 | 9 ^h 3 | 3 ^h 28 | 15 ^h 52' | 16 ^h 10' | 11 ^h 18' | 20 ^h 24 | W14 |
| T 15 | 23 34 39 | 21 ^h 49'38" | 25 ^h 36' | 24 ^h 57' | 11 ^h 19' | 18 ^h 42' | 0 ^h 32' | 21 ^h 36' | 16 ^h 3 | 9 ^h 3 | 3 ^h 27 | 15 ^h 44' | 16 ^h 7' | 11 ^h 25' | 20 ^h 21 | T 15 |
| F 16 | 23 38 35 | 22 ^h 48'14" | 10 ^h 26' | 23 ^h 54' | 12 ^h 28' | 19 ^h 20' | 0 ^h 45' | 21 ^h 38' | 16 ^h 2 | 9 ^h 3 | 3 ^h 26 | 15 ^h 38' | 16 ^h 4' | 11 ^h 31' | 20 ^h 19 | F 16 |
| S 17 | 23 42 32 | 23 ^h 46'50" | 24 ^h 52' | 22 ^h 51' | 13 ^h 37' | 19 ^h 57' | 0 ^h 58' | 21 ^h 40' | 16 ^h 2 | 9 ^h 3 | 3 ^h 25 | 15 ^h 35' | 16 ^h 1' | 11 ^h 38' | 20 ^h 17 | S 17 |
| S 18 | 23 46 29 | 24 ^h 45'29" | 8 ^h 52' | 21 ^h 49' | 14 ^h 47' | 20 ^h 35' | 1 ^h 10' | 21 ^h 42' | 16 ^h 1 | 9 ^h 3 | 3 ^h 24 | 15 ^h 33' | 15 ^h 58' | 11 ^h 45' | 20 ^h 14 | S 18 |
| M19 | 23 50 25 | 25 ^h 44'09" | 22 ^h 27' | 20 ^h 51' | 15 ^h 57' | 21 ^h 13' | 1 ^h 23' | 21 ^h 44' | 16 ^h 1 | 9 ^h 2 | 3 ^h 23 | 15 ^h 33' | 15 ^h 54' | 11 ^h 52' | 20 ^h 12 | M19 |
| T 20 | 23 54 22 | 26 ^h 42'51" | 5 ^h 39' | 19 ^h 58' | 17 ^h 6' | 21 ^h 50' | 1 ^h 35' | 21 ^h 46' | 16 ^h 1 | 9 ^h 2 | 3 ^h 21 | 15 ^h 33' | 15 ^h 51' | 11 ^h 58' | 20 ^h 9 | T 20 |
| W21 | 23 58 18 | 27 ^h 41'35" | 18 ^h 31' | 19 ^h 11' | 18 ^h 16' | 22 ^h 28' | 1 ^h 47' | 21 ^h 47' | 16 ^h 0 | 9 ^h D 2 | 3 ^h 20 | 15 ^h 32' | 15 ^h 48' | 12 ^h 5' | 20 ^h 7 | W21 |
| T 22 | 0 2 15 | 28 ^h 40'20" | 1 ^h 7' | 18 ^h 31' | 19 ^h 26' | 23 ^h 5' | 2 ^h 0' | 21 ^h 49' | 16 ^h 0 | 9 ^h 2 | 3 ^h 19 | 15 ^h 28' | 15 ^h 45' | 12 ^h 12' | 20 ^h 4 | T 22 |
| F 23 | 0 6 11 | 29 ^h 39'07" | 13 ^h 30' | 18 ^h 0' | 20 ^h 37' | 23 ^h 42' | 2 ^h 12' | 21 ^h 50' | 16 ^h 0 | 9 ^h 2 | 3 ^h 18 | 15 ^h 21' | 15 ^h 42' | 12 ^h 18' | 20 ^h 1 | F 23 |
| S 24 | 0 10 8 | 0 ^h 37'56" | 25 ^h 43' | 17 ^h 38' | 21 ^h 47' | 24 ^h 20' | 2 ^h 24' | 21 ^h 51' | 16 ^h 0 | 9 ^h 3 | 3 ^h 17 | 15 ^h 12' | 15 ^h 39' | 12 ^h 25' | 19 ^h 59 | S 24 |
| S 25 | 0 14 4 | 1 ^h 36'47" | 7 ^h 48' | 17 ^h 26' | 22 ^h 57' | 24 ^h 57' | 2 ^h 37' | 21 ^h 52' | 16 ^h 0 | 9 ^h 3 | 3 ^h 16 | 15 ^h 0' | 15 ^h 35' | 12 ^h 32' | 19 ^h 56 | S 25 |
| M26 | 0 18 1 | 2 ^h 35'39" | 19 ^h 48' | 17 ^h D24 | 24 ^h 8' | 25 ^h 34' | 2 ^h 49' | 21 ^h 53' | 16 ^h D 0 | 9 ^h 3 | 3 ^h 14 | 14 ^h 47' | 15 ^h 32' | 12 ^h 39' | 19 ^h 53 | M26 |
| T 27 | 0 21 58 | 3 ^h 34'34" | 1 ^h Y43 | 17 ^h 32' | 25 ^h 19' | 26 ^h 12' | 3 ^h 1' | 21 ^h 54' | 16 ^h 0 | 9 ^h 3 | 3 ^h 13 | 14 ^h 34' | 15 ^h 29' | 12 ^h 45' | 19 ^h 51 | T 27 |
| W28 | 0 25 54 | 4 ^h 33'30" | 13 ^h 36' | 17 ^h 50' | 26 ^h 29' | 26 ^h 49' | 3 ^h 13' | 21 ^h 55' | 16 ^h 0 | 9 ^h 3 | 3 ^h 12 | 14 ^h 21' | 15 ^h 26' | 12 ^h 52' | 19 ^h 48 | W28 |
| T 29 | 0 29 51 | 5 ^h 32'29" | 25 ^h 26' | 18 ^h 18' | 27 ^h 40' | 27 ^h 26' | 3 ^h 25' | 21 ^h 55' | 16 ^h 0 | 9 ^h 3 | 3 ^h 11 | 14 ^h 10' | 15 ^h 23' | 12 ^h 59' | 19 ^h 45 | T 29 |
| F 30 | 0 33 47 | 6 ^h 31'29" | 7 ^h 8'18" | 18 ^h 56' | 28 ^h 51' | 28 ^h 3' | 3 ^h 37' | 21 ^h 56' | 16 ^h 3 0 | 9 ^h 3 4 | 3 ^h Y10 | 14 ^h 5 2 | 15 ^h 5 19 | 13 ^h Y 5 | 19 ^h Y43 | F 30 |

| Day | ☉ | ☾ | | ♂ | | ♀ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | | ♂ | |
|------|------|-------|------|------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|------|------|------|-----|------|-----|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat |
| T 1 | 8n30 | 10n35 | 4n22 | 4s 9 | 3s48 | 19n47 | 1s19 | 18n52 | 1n 7 | 13n 6 | 0n49 | 21n40 | 1s29 | 22s56 | 0s28 | 22s16 | 0n53 | 14s 3 | 16s56 | 22s50 | 22s49 | 8n15 | 9n16 | 1n13 | | | |
| F 2 | 8 8 | 14 28 | 3 46 | 4 19 | 3 54 | 19 39 | 1 14 | 18 42 | 1 7 | 13 1 | 0 49 | 21 40 | 1 29 | 22 56 | 0 28 | 22 16 | 0 53 | 14 3 | 16 57 | 22 49 | 22 48 | 8 18 | 9 16 | 1 13 | | | |
| S 3 | 7 46 | 17 47 | 3 0 | 4 26 | 4 0 | 19 30 | 1 10 | 18 32 | 1 8 | 12 57 | 0 49 | 21 40 | 1 30 | 22 56 | 0 28 | 22 16 | 0 53 | 14 4 | 16 57 | 22 49 | 22 48 | 8 20 | 9 15 | 1 13 | | | |
| S 4 | 7 24 | 20 23 | 2 5 | 4 31 | 4 5 | 19 21 | 1 6 | 18 22 | 1 8 | 12 53 | 0 49 | 21 40 | 1 30 | 22 56 | 0 28 | 22 16 | 0 53 | 14 4 | 16 57 | 22 48 | 22 48 | 8 22 | 9 14 | 1 13 | | | |
| M 5 | 7 2 | 22 7 | 1 5 | 4 31 | 4 9 | 19 11 | 1 2 | 18 11 | 1 8 | 12 48 | 0 49 | 21 40 | 1 30 | 22 56 | 0 28 | 22 16 | 0 53 | 14 5 | 16 57 | 22 48 | 22 47 | 8 25 | 9 13 | 1 13 | | | |
| T 6 | 6 40 | 22 48 | 0s 0 | 4 29 | 4 12 | 19 1 | 0 57 | 18 1 | 1 9 | 12 44 | 0 49 | 21 41 | 1 30 | 22 56 | 0 28 | 22 16 | 0 53 | 14 5 | 16 57 | 22 48 | 22 47 | 8 27 | 9 13 | 1 13 | | | |
| W 7 | 6 17 | 22 20 | 1 7 | 4 22 | 4 14 | 18 50 | 0 53 | 17 50 | 1 9 | 12 39 | 0 49 | 21 41 | 1 30 | 22 57 | 0 28 | 22 16 | 0 53 | 14 6 | 16 57 | 22 48 | 22 47 | 8 29 | 9 12 | 1 13 | | | |
| T 8 | 5 55 | 20 39 | 2 13 | 4 12 | 4 15 | 18 38 | 0 49 | 17 40 | 1 9 | 12 35 | 0 49 | 21 41 | 1 30 | 22 57 | 0 28 | 22 16 | 0 53 | 14 6 | 16 58 | 22 48 | 22 47 | 8 32 | 9 11 | 1 13 | | | |
| F 9 | 5 32 | 17 44 | 3 13 | 3 57 | 4 13 | 18 26 | 0 45 | 17 29 | 1 10 | 12 31 | 0 49 | 21 41 | 1 30 | 22 57 | 0 28 | 22 16 | 0 53 | 14 7 | 16 58 | 22 48 | 22 46 | 8 34 | 9 10 | 1 13 | | | |
| S 10 | 5 9 | 13 43 | 4 3 | 3 39 | 4 11 | 18 14 | 0 41 | 17 18 | 1 10 | 12 26 | 0 49 | 21 41 | 1 30 | 22 57 | 0 28 | 22 16 | 0 53 | 14 8 | 16 58 | 22 47 | 22 46 | 8 36 | 9 9 | 1 13 | | | |
| S 11 | 4 47 | 8 46 | 4 40 | 3 16 | 4 6 | 18 1 | 0 37 | 17 7 | 1 11 | 12 22 | 0 50 | 21 41 | 1 30 | 22 57 | 0 28 | 22 17 | 0 53 | 14 8 | 16 58 | 22 46 | 22 46 | 8 39 | 9 8 | 1 13 | | | |
| M12 | 4 24 | 3 12 | 4 59 | 2 50 | 4 0 | 17 47 | 0 33 | 16 56 | 1 11 | 12 17 | 0 50 | 21 41 | 1 30 | 22 57 | 0 28 | 22 17 | 0 53 | 14 9 | 16 58 | 22 45 | 22 45 | 8 41 | 9 7 | 1 12 | | | |
| T 13 | 4 1 | 2s39 | 4 56 | 2 20 | 3 51 | 17 34 | 0 29 | 16 45 | 1 11 | 12 13 | 0 50 | 21 41 | 1 30 | 22 57 | 0 28 | 22 17 | 0 53 | 14 9 | 16 58 | 22 44 | 22 45 | 8 43 | 9 7 | 1 12 | | | |
| W14 | 3 38 | 8 21 | 4 33 | 1 47 | 3 41 | 17 19 | 0 25 | 16 34 | 1 12 | 12 9 | 0 50 | 21 41 | 1 30 | 22 57 | 0 28 | 22 17 | 0 53 | 14 10 | 16 58 | 22 43 | 22 45 | 8 46 | 9 6 | 1 12 | | | |
| T 15 | 3 15 | 13 30 | 3 51 | 1 11 | 3 29 | 17 4 | 0 21 | 16 22 | 1 12 | 12 4 | 0 50 | 21 41 | 1 31 | 22 57 | 0 28 | 22 17 | 0 53 | 14 10 | 16 58 | 22 42 | 22 44 | 8 48 | 9 5 | 1 12 | | | |
| F 16 | 2 52 | 17 43 | 2 54 | 0 33 | 3 15 | 16 49 | 0 17 | 16 11 | 1 12 | 12 0 | 0 50 | 21 41 | 1 31 | 22 57 | 0 28 | 22 17 | 0 52 | 14 11 | 16 58 | 22 41 | 22 44 | 8 50 | 9 4 | 1 12 | | | |
| S 17 | 2 28 | 20 44 | 1 47 | 0n 6 | 2 59 | 16 33 | 0 13 | 16 0 | 1 13 | 11 55 | 0 50 | 21 41 | 1 31 | 22 57 | 0 28 | 22 17 | 0 52 | 14 11 | 16 58 | 22 41 | 22 44 | 8 52 | 9 3 | 1 12 | | | |
| S 18 | 2 5 | 22 23 | 0 35 | 0 46 | 2 42 | 16 16 | 0 9 | 15 48 | 1 13 | 11 51 | 0 50 | 21 41 | 1 31 | 22 57 | 0 28 | 22 17 | 0 52 | 14 12 | 16 59 | 22 41 | 22 43 | 8 55 | 9 2 | 1 12 | | | |
| M19 | 1 42 | 22 38 | 0n36 | 1 26 | 2 24 | 15 59 | 0 5 | 15 36 | 1 14 | 11 47 | 0 50 | 21 41 | 1 31 | 22 57 | 0 28 | 22 17 | 0 52 | 14 12 | 16 59 | 22 41 | 22 43 | 8 57 | 9 1 | 1 12 | | | |
| T 20 | 1 18 | 21 36 | 1 44 | 2 4 | 2 4 | 15 42 | 0 1 | 15 24 | 1 14 | 11 42 | 0 51 | 21 41 | 1 31 | 22 57 | 0 27 | 22 17 | 0 52 | 14 13 | 16 59 | 22 41 | 22 43 | 8 59 | 9 0 | 1 12 | | | |
| W21 | 0 55 | 19 27 | 2 45 | 2 41 | 1 44 | 15 24 | 0n 2 | 15 13 | 1 14 | 11 38 | 0 51 | 21 41 | 1 31 | 22 57 | 0 27 | 22 17 | 0 52 | 14 13 | 16 59 | 22 40 | 22 42 | 9 2 | 8 59 | 1 12 | | | |
| T 22 | 0 32 | 16 25 | 3 36 | 3 15 | 1 24 | 15 6 | 0 6 | 15 1 | 1 15 | 11 34 | 0 51 | 21 41 | 1 31 | 22 57 | 0 27 | 22 17 | 0 52 | 14 14 | 16 59 | 22 40 | 22 42 | 9 4 | 8 58 | 1 12 | | | |
| F 23 | 0 8 | 12 41 | 4 16 | 3 46 | 1 4 | 14 47 | 0 10 | 14 49 | 1 15 | 11 30 | 0 51 | 21 41 | 1 31 | 22 57 | 0 27 | 22 17 | 0 52 | 14 14 | 16 59 | 22 39 | 22 42 | 9 6 | 8 57 | 1 12 | | | |
| S 24 | 0s15 | 8 30 | 4 44 | 4 13 | 0 45 | 14 28 | 0 13 | 14 36 | 1 15 | 11 25 | 0 51 | 21 41 | 1 31 | 22 57 | 0 27 | 22 17 | 0 52 | 14 15 | 16 59 | 22 38 | 22 41 | 9 8 | 8 56 | 1 12 | | | |
| S 25 | 0 39 | 4 2 | 4 59 | 4 35 | 0 25 | 14 8 | 0 17 | 14 24 | 1 15 | 11 21 | 0 51 | 21 41 | 1 31 | 22 57 | 0 27 | 22 17 | 0 52 | 14 15 | 16 59 | 22 37 | 22 41 | 9 11 | 8 55 | 1 12 | | | |
| M26 | 1 2 | 0n33 | 5 0 | 4 53 | 0 7 | 13 48 | 0 20 | 14 12 | 1 16 | 11 17 | 0 51 | 21 41 | 1 32 | 22 57 | 0 27 | 22 17 | 0 52 | 14 16 | 16 59 | 22 36 | 22 41 | 9 13 | 8 54 | 1 12 | | | |
| T 27 | 1 25 | 5 5 | 4 48 | 5 5 | 0n10 | 13 28 | 0 24 | 14 0 | 1 16 | 11 12 | 0 51 | 21 41 | 1 32 | 22 57 | 0 27 | 22 17 | 0 52 | 14 16 | 16 59 | 22 34 | 22 40 | 9 15 | 8 52 | 1 12 | | | |
| W28 | 1 49 | 9 25 | 4 23 | 5 13 | 0 26 | 13 7 | 0 27 | 13 47 | 1 17 | 11 8 | 0 52 | 21 41 | 1 32 | 22 57 | 0 27 | 22 17 | 0 52 | 14 17 | 16 59 | 22 33 | 22 40 | 9 17 | 8 51 | 1 12 | | | |
| T 29 | 2 12 | 13 22 | 3 47 | 5 16 | 0 41 | 12 46 | 0 30 | 13 35 | 1 17 | 11 4 | 0 52 | 21 41 | 1 32 | 22 57 | 0 27 | 22 17 | 0 52 | 14 17 | 16 59 | 22 31 | 22 40 | 9 20 | 8 50 | 1 12 | | | |
| F 30 | 2s36 | 16n49 | 3n 2 | 5n13 | 0m55 | 12n24 | 0n33 | 13n22 | 1n17 | 11n 0 | 0n52 | 21n41 | 1s32 | 22s57 | 0s27 | 22s17 | 0n52 | 14s18 | 16s59 | 22s30 | 22s39 | 9n22 | 8n49 | 1n12 | | | |

ASTRODIENST EPHEMERIS for the year 1825

geocentric

OCTOBER 1825

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|---------|----------|--------|-------|-------|-------|------|--------|-------|------|-------|--------|-------|--------|--------|------|
| S 1 | 0 37 44 | 7♂30'32 | 19♂11 | 19♂42 | 0♂ 2 | 28♂40 | 3♂49 | 21♂56 | 16♂ 1 | 9♂ 4 | 3♂R 8 | 13♂R57 | 15♂16 | 13♂Y12 | 19♂R40 | S 1 |
| S 2 | 0 41 40 | 8°29'37 | 1♂11 | 20°37 | 1°14 | 29°17 | 4° 1 | 21°57 | 16° 1 | 9° 4 | 3♂Y 7 | 13♂54 | 15°13 | 13°19 | 19♂Y37 | S 2 |
| M 3 | 0 45 37 | 9°28'45 | 13°19 | 21°39 | 2°25 | 29°54 | 4°13 | 21°57 | 16° 1 | 9° 5 | 3° 6 | 13°D53 | 15°10 | 13°25 | 19°34 | M 3 |
| T 4 | 0 49 33 | 10°27'55 | 25°42 | 22°47 | 3°36 | 0♂31 | 4°24 | 21°57 | 16° 2 | 9° 5 | 3° 5 | 13°53 | 15° 7 | 13°32 | 19°32 | T 4 |
| W 5 | 0 53 30 | 11°27'07 | 8♂23 | 24° 2 | 4°48 | 1° 8 | 4°36 | 21°R57 | 16° 2 | 9° 6 | 3° 4 | 13°R54 | 15° 4 | 13°39 | 19°29 | W 5 |
| T 6 | 0 57 27 | 12°26'21 | 21°27 | 25°21 | 6° 0 | 1°45 | 4°48 | 21°57 | 16° 3 | 9° 6 | 3° 3 | 13°53 | 15° 0 | 13°46 | 19°26 | T 6 |
| F 7 | 1 1 23 | 13°25'38 | 4♂57 | 26°46 | 7°11 | 2°22 | 4°59 | 21°57 | 16° 3 | 9° 7 | 3° 1 | 13°51 | 14°57 | 13°52 | 19°23 | F 7 |
| S 8 | 1 5 20 | 14°24'57 | 18°57 | 28°14 | 8°23 | 2°59 | 5°11 | 21°56 | 16° 4 | 9° 7 | 3° 0 | 13°47 | 14°54 | 13°59 | 19°20 | S 8 |
| S 9 | 1 9 16 | 15°24'18 | 3♂25 | 29°45 | 9°35 | 3°36 | 5°22 | 21°56 | 16° 4 | 9° 8 | 2°59 | 13°41 | 14°51 | 14° 6 | 19°18 | S 9 |
| M10 | 1 13 13 | 16°23'42 | 18°18 | 1♂19 | 10°47 | 4°13 | 5°33 | 21°55 | 16° 5 | 9° 8 | 2°58 | 13°32 | 14°48 | 14°12 | 19°15 | M10 |
| T 11 | 1 17 9 | 17°23'07 | 3♂30 | 2°56 | 11°59 | 4°50 | 5°45 | 21°55 | 16° 6 | 9° 9 | 2°57 | 13°24 | 14°44 | 14°19 | 19°12 | T 11 |
| W12 | 1 21 6 | 18°22'35 | 18°48 | 4°34 | 13°12 | 5°26 | 5°56 | 21°54 | 16° 7 | 9°10 | 2°56 | 13°15 | 14°41 | 14°26 | 19° 9 | W12 |
| T 13 | 1 25 2 | 19°22'05 | 4♂ 3 | 6°14 | 14°24 | 6° 3 | 6° 7 | 21°53 | 16° 8 | 9°10 | 2°55 | 13° 9 | 14°38 | 14°33 | 19° 6 | T 13 |
| F 14 | 1 28 59 | 20°21'37 | 19° 4 | 7°54 | 15°36 | 6°40 | 6°18 | 21°52 | 16° 8 | 9°11 | 2°53 | 13° 4 | 14°35 | 14°39 | 19° 3 | F 14 |
| S 15 | 1 32 55 | 21°21'11 | 3♂43 | 9°36 | 16°49 | 7°16 | 6°29 | 21°51 | 16° 9 | 9°12 | 2°52 | 13° 2 | 14°32 | 14°46 | 19° 1 | S 15 |
| S 16 | 1 36 52 | 22°20'47 | 17°56 | 11°18 | 18° 2 | 7°53 | 6°40 | 21°50 | 16°10 | 9°13 | 2°51 | 13°D 1 | 14°29 | 14°53 | 18°58 | S 16 |
| M17 | 1 40 49 | 23°20'24 | 1♂40 | 13° 0 | 19°14 | 8°30 | 6°51 | 21°48 | 16°11 | 9°14 | 2°50 | 13° 2 | 14°25 | 14°59 | 18°55 | M17 |
| T 18 | 1 44 45 | 24°20'03 | 14°57 | 14°43 | 20°27 | 9° 6 | 7° 1 | 21°47 | 16°13 | 9°14 | 2°49 | 13° 3 | 14°22 | 15° 6 | 18°52 | T 18 |
| W19 | 1 48 42 | 25°19'44 | 27°51 | 16°26 | 21°40 | 9°43 | 7°12 | 21°45 | 16°14 | 9°15 | 2°48 | 13°R 4 | 14°19 | 15°13 | 18°49 | W19 |
| T 20 | 1 52 38 | 26°19'27 | 10♂25 | 18° 8 | 22°53 | 10°19 | 7°23 | 21°44 | 16°15 | 9°16 | 2°47 | 13° 3 | 14°16 | 15°19 | 18°47 | T 20 |
| F 21 | 1 56 35 | 27°19'11 | 22°43 | 19°51 | 24° 6 | 10°55 | 7°33 | 21°42 | 16°16 | 9°17 | 2°46 | 12°59 | 14°13 | 15°26 | 18°44 | F 21 |
| S 22 | 2 0 31 | 28°18'57 | 4♂50 | 21°33 | 25°19 | 11°32 | 7°44 | 21°40 | 16°18 | 9°18 | 2°45 | 12°54 | 14°10 | 15°33 | 18°41 | S 22 |
| S 23 | 2 4 28 | 29°18'44 | 16°49 | 23°14 | 26°32 | 12° 8 | 7°54 | 21°38 | 16°19 | 9°19 | 2°44 | 12°47 | 14° 6 | 15°40 | 18°38 | S 23 |
| M24 | 2 8 24 | 0♂18'34 | 28°43 | 24°56 | 27°45 | 12°44 | 8° 4 | 21°36 | 16°20 | 9°20 | 2°43 | 12°39 | 14° 3 | 15°46 | 18°35 | M24 |
| T 25 | 2 12 21 | 1°18'25 | 10♂Y35 | 26°37 | 28°58 | 13°20 | 8°14 | 21°34 | 16°22 | 9°21 | 2°42 | 12°31 | 14° 0 | 15°53 | 18°33 | T 25 |
| W26 | 2 16 18 | 2°18'18 | 22°26 | 28°17 | 0♂11 | 13°57 | 8°24 | 21°32 | 16°23 | 9°22 | 2°41 | 12°23 | 13°57 | 16° 0 | 18°30 | W26 |
| T 27 | 2 20 14 | 3°18'13 | 4♂19 | 29°57 | 1°25 | 14°33 | 8°34 | 21°29 | 16°25 | 9°24 | 2°40 | 12°17 | 13°54 | 16° 6 | 18°27 | T 27 |
| F 28 | 2 24 11 | 4°18'10 | 16°15 | 1♂37 | 2°38 | 15° 9 | 8°44 | 21°27 | 16°26 | 9°25 | 2°39 | 12°12 | 13°50 | 16°13 | 18°25 | F 28 |
| S 29 | 2 28 7 | 5°18'09 | 28°16 | 3°16 | 3°52 | 15°45 | 8°54 | 21°24 | 16°28 | 9°26 | 2°38 | 12° 9 | 13°47 | 16°20 | 18°22 | S 29 |
| S 30 | 2 32 4 | 6°18'10 | 10♂24 | 4°55 | 5° 5 | 16°21 | 9° 3 | 21°22 | 16°30 | 9°27 | 2°37 | 12°D 8 | 13°44 | 16°26 | 18°19 | S 30 |
| M31 | 2 36 0 | 7♂18'13 | 22♂41 | 6♂33 | 6♂19 | 16♂57 | 9♂13 | 21♂19 | 16♂31 | 9♂29 | 2♂Y36 | 12♂ 9 | 13♂41 | 16♂Y33 | 18♂Y17 | M31 |

| Day | ☉ | ☽ | ♀ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | ♂ | Day |
|------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|
| | decl | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | decl | lat | |
| S 1 | 2s59 | 19n35 | 2n 8 | 5n 6 | 1n 7 | 12n 2 | 0n37 | 13n10 | 1n18 | 10n55 | 0n52 | 21n41 | 1s32 | 22s57 | 0s27 | 22s17 |
| S 2 | 3 22 | 21 31 | 1 7 | 4 55 | 1 18 | 11 40 | 0 40 | 12 57 | 1 18 | 10 51 | 0 52 | 21 41 | 1 32 | 22 57 | 0 27 | 22 17 |
| M 3 | 3 46 | 22 28 | 0 3 | 4 39 | 1 27 | 11 17 | 0 43 | 12 44 | 1 18 | 10 47 | 0 52 | 21 41 | 1 32 | 22 57 | 0 27 | 22 17 |
| T 4 | 4 9 | 22 21 | 1s 3 | 4 19 | 1 35 | 10 54 | 0 46 | 12 31 | 1 19 | 10 43 | 0 52 | 21 41 | 1 32 | 22 57 | 0 27 | 22 17 |
| W 5 | 4 32 | 21 5 | 2 7 | 3 56 | 1 42 | 10 31 | 0 49 | 12 19 | 1 19 | 10 39 | 0 52 | 21 41 | 1 32 | 22 57 | 0 27 | 22 17 |
| T 6 | 4 55 | 18 41 | 3 7 | 3 29 | 1 47 | 10 7 | 0 52 | 12 6 | 1 19 | 10 35 | 0 53 | 21 41 | 1 32 | 22 57 | 0 27 | 22 17 |
| F 7 | 5 18 | 15 12 | 3 58 | 3 0 | 1 52 | 9 43 | 0 54 | 11 53 | 1 20 | 10 31 | 0 53 | 21 41 | 1 32 | 22 57 | 0 27 | 22 17 |
| S 8 | 5 41 | 10 46 | 4 37 | 2 58 | 1 55 | 9 19 | 0 57 | 11 40 | 1 20 | 10 27 | 0 53 | 21 41 | 1 33 | 22 57 | 0 27 | 22 17 |
| S 9 | 6 4 | 5 35 | 5 0 | 1 23 | 1 57 | 8 54 | 1 0 | 11 27 | 1 20 | 10 22 | 0 53 | 21 40 | 1 33 | 22 57 | 0 27 | 22 17 |
| M10 | 6 27 | 0s 2 | 5 4 | 1 17 | 1 58 | 8 29 | 1 2 | 11 14 | 1 21 | 10 18 | 0 53 | 21 40 | 1 33 | 22 56 | 0 27 | 22 17 |
| T 11 | 6 50 | 5 46 | 4 47 | 0 39 | 1 58 | 8 4 | 1 5 | 11 0 | 1 21 | 10 14 | 0 53 | 21 40 | 1 33 | 22 56 | 0 27 | 22 17 |
| W12 | 7 13 | 11 12 | 4 9 | 0s 1 | 1 58 | 7 39 | 1 7 | 10 47 | 1 21 | 10 10 | 0 54 | 21 40 | 1 33 | 22 56 | 0 27 | 22 17 |
| T 13 | 7 35 | 15 55 | 3 13 | 0 41 | 1 57 | 7 13 | 1 10 | 10 34 | 1 22 | 10 6 | 0 54 | 21 40 | 1 33 | 22 56 | 0 27 | 22 17 |
| F 14 | 7 58 | 19 31 | 2 5 | 1 23 | 1 55 | 6 47 | 1 12 | 10 21 | 1 22 | 10 3 | 0 54 | 21 40 | 1 33 | 22 56 | 0 27 | 22 17 |
| S 15 | 8 20 | 21 44 | 0 50 | 2 5 | 1 52 | 6 21 | 1 14 | 10 7 | 1 22 | 9 59 | 0 54 | 21 40 | 1 33 | 22 56 | 0 27 | 22 17 |
| S 16 | 8 42 | 22 28 | 0n26 | 2 48 | 1 49 | 5 54 | 1 16 | 9 54 | 1 23 | 9 55 | 0 54 | 21 40 | 1 33 | 22 56 | 0 27 | 22 17 |
| M17 | 9 5 | 21 48 | 1 39 | 3 31 | 1 46 | 5 28 | 1 18 | 9 41 | 1 23 | 9 51 | 0 54 | 21 39 | 1 33 | 22 56 | 0 27 | 22 17 |
| T 18 | 9 27 | 19 55 | 2 43 | 4 15 | 1 42 | 5 1 | 1 20 | 9 27 | 1 23 | 9 47 | 0 55 | 21 39 | 1 33 | 22 55 | 0 27 | 22 17 |
| W19 | 9 48 | 17 3 | 3 38 | 4 58 | 1 37 | 4 34 | 1 22 | 9 14 | 1 24 | 9 43 | 0 55 | 21 39 | 1 33 | 22 55 | 0 27 | 22 17 |
| T 20 | 10 10 | 13 28 | 4 20 | 5 42 | 1 32 | 4 7 | 1 24 | 9 0 | 1 24 | 9 39 | 0 55 | 21 39 | 1 33 | 22 55 | 0 27 | 22 17 |
| F 21 | 10 32 | 9 23 | 4 50 | 6 25 | 1 27 | 3 40 | 1 26 | 8 47 | 1 24 | 9 36 | 0 55 | 21 39 | 1 34 | 22 55 | 0 27 | 22 17 |
| S 22 | 10 53 | 5 0 | 5 5 | 7 8 | 1 22 | 3 12 | 1 27 | 8 33 | 1 25 | 9 32 | 0 55 | 21 39 | 1 34 | 22 55 | 0 27 | 22 17 |
| S 23 | 11 14 | 0 29 | 5 8 | 7 51 | 1 16 | 2 44 | 1 29 | 8 19 | 1 25 | 9 28 | 0 55 | 21 38 | 1 34 | 22 55 | 0 27 | 22 17 |
| M24 | 11 35 | 4n 1 | 4 57 | 8 34 | 1 10 | 2 17 | 1 30 | 8 6 | 1 25 | 9 25 | 0 56 | 21 38 | 1 34 | 22 54 | 0 27 | 22 17 |
| T 25 | 11 56 | 8 22 | 4 33 | 9 16 | 1 4 | 1 49 | 1 32 | 7 52 | 1 26 | 9 21 | 0 56 | 21 38 | 1 34 | 22 54 | 0 27 | 22 17 |
| W26 | 12 17 | 12 24 | 3 57 | 9 58 | 0 58 | 1 21 | 1 33 | 7 39 | 1 26 | 9 17 | 0 56 | 21 38 | 1 34 | 22 54 | 0 27 | 22 17 |
| T 27 | 12 38 | 15 58 | 3 11 | 10 39 | 0 52 | 0 53 | 1 34 | 7 25 | 1 26 | 9 14 | 0 56 | 21 38 | 1 34 | 22 54 | 0 27 | 22 17 |
| F 28 | 12 58 | 18 53 | 2 16 | 11 20 | 0 45 | 0 25 | 1 35 | 7 11 | 1 27 | 9 10 | 0 56 | 21 37 | 1 34 | 22 54 | 0 27 | 22 17 |
| S 29 | 13 18 | 21 1 | 1 15 | 12 0 | 0 39 | 0s 4 | 1 37 | 6 58 | 1 27 | 9 7 | 0 56 | 21 37 | 1 34 | 22 53 | 0 27 | 22 17 |
| S 30 | 13 38 | 22 11 | 0 9 | 12 40 | 0 32 | 0 32 | 1 38 | 6 44 | 1 27 | 9 3 | 0 57 | 21 37 | 1 34 | 22 53 | 0 27 | 22 17 |
| M31 | 13s58 | 22n18 | 0s57 | 13s19 | 0n26 | 1s 0 | 1n38 | 6n30 | 1n27 | 9n 0 | 0n57 | 21n37 | 1s34 | 22s53 | 0s27 | 22s17 |

Julian Day Number = 2387900.5, Delta T = 13.67 sec
 Ecliptic obliquity = 23°27'41, Nutation = 0°00'16, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 22°18'26, Lahiri = 21°25'26

ASTRODIENST EPHEMERIS for the year 1825
geocentric

DECEMBER 1825

00:00 UT

| Day | Sid.t | ☉ | ☽ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | ♈ | ♉ | Day |
|------|---------|----------|-------|--------|-------|-------|--------|--------|-------|-------|-------|--------|-------|-------|--------|------|
| T 1 | 4 38 14 | 8♌33°58 | 11♏12 | 24♊37 | 14♋45 | 5♌6 | 13♍7 | 19♎R16 | 17♏46 | 10♐20 | 2♑R15 | 11♒50 | 12♓2 | 20♈1 | 17♉R10 | T 1 |
| F 2 | 4 42 10 | 9♍34°51 | 24♋42 | 26°5 | 16°0 | 5°40 | 13°12 | 19♏11 | 17°49 | 10°22 | 2♑14 | 11°50 | 11°59 | 20°7 | 17♊9 | F 2 |
| S 3 | 4 46 7 | 10°35'44 | 8♎28 | 27°32 | 17°15 | 6°14 | 13°17 | 19°6 | 17°52 | 10°24 | 2°14 | 11°R50 | 11°56 | 20°14 | 17°7 | S 3 |
| S 4 | 4 50 3 | 11°36'39 | 22°30 | 28°59 | 18°30 | 6°48 | 13°22 | 19°1 | 17°55 | 10°26 | 2°14 | 11°D50 | 11°53 | 20°21 | 17°6 | S 4 |
| M 5 | 4 54 0 | 12°37'36 | 6♌47 | 0♓25 | 19°45 | 7°22 | 13°27 | 18°56 | 17°58 | 10°28 | 2°14 | 11°50 | 11°50 | 20°28 | 17°5 | M 5 |
| T 6 | 4 57 56 | 13°38'33 | 21°16 | 1°50 | 21°0 | 7°56 | 13°32 | 18°51 | 18°1 | 10°30 | 2°13 | 11°50 | 11°47 | 20°34 | 17°3 | T 6 |
| W 7 | 5 1 53 | 14°39'32 | 5♋54 | 3°13 | 22°15 | 8°30 | 13°36 | 18°46 | 18°4 | 10°33 | 2°13 | 11°50 | 11°43 | 20°41 | 17°2 | W 7 |
| T 8 | 5 5 49 | 15°40'32 | 20°35 | 4°36 | 23°30 | 9°4 | 13°40 | 18°41 | 18°7 | 10°35 | 2°13 | 11°51 | 11°40 | 20°48 | 17°1 | T 8 |
| F 9 | 5 9 46 | 16°41'33 | 5♊13 | 5°56 | 24°45 | 9°37 | 13°44 | 18°36 | 18°10 | 10°37 | 2°13 | 11°R51 | 11°37 | 20°54 | 17°0 | F 9 |
| S 10 | 5 13 43 | 17°42'36 | 19°41 | 7°15 | 26°1 | 10°11 | 13°48 | 18°31 | 18°13 | 10°39 | 2°12 | 11°51 | 11°34 | 21°1 | 16°59 | S 10 |
| S 11 | 5 17 39 | 18°43'38 | 3♓53 | 8°31 | 27°16 | 10°45 | 13°52 | 18°26 | 18°16 | 10°41 | 2°12 | 11°50 | 11°31 | 21°8 | 16°58 | S 11 |
| M 12 | 5 21 36 | 19°44'42 | 17°45 | 9°45 | 28°31 | 11°18 | 13°55 | 18°21 | 18°20 | 10°43 | 2°12 | 11°50 | 11°28 | 21°14 | 16°57 | M 12 |
| T 13 | 5 25 32 | 20°45'46 | 1♌14 | 10°56 | 29°46 | 11°51 | 13°59 | 18°17 | 18°23 | 10°45 | 2°12 | 11°49 | 11°24 | 21°21 | 16°56 | T 13 |
| W 14 | 5 29 29 | 21°46'51 | 14°20 | 12°3 | 1♌1 | 12°24 | 14°2 | 18°12 | 18°26 | 10°47 | 2°12 | 11°47 | 11°21 | 21°28 | 16°55 | W 14 |
| T 15 | 5 33 25 | 22°47'56 | 27°4 | 13°7 | 2°16 | 12°58 | 14°5 | 18°7 | 18°29 | 10°50 | 2°12 | 11°46 | 11°18 | 21°34 | 16°54 | T 15 |
| F 16 | 5 37 22 | 23°49'01 | 9♊28 | 14°5 | 3°31 | 13°31 | 14°8 | 18°2 | 18°33 | 10°52 | 2°12 | 11°45 | 11°15 | 21°41 | 16°53 | F 16 |
| S 17 | 5 41 19 | 24°50'06 | 21°37 | 14°58 | 4°47 | 14°4 | 14°11 | 17°57 | 18°36 | 10°54 | 2°D12 | 11°D45 | 11°12 | 21°48 | 16°53 | S 17 |
| S 18 | 5 45 15 | 25°51'12 | 3♈35 | 15°45 | 6°2 | 14°36 | 14°13 | 17°52 | 18°39 | 10°56 | 2°12 | 11°45 | 11°8 | 21°55 | 16°52 | S 18 |
| M 19 | 5 49 12 | 26°52'18 | 15°26 | 16°25 | 7°17 | 15°9 | 14°15 | 17°47 | 18°43 | 10°58 | 2°12 | 11°45 | 11°5 | 22°1 | 16°52 | M 19 |
| T 20 | 5 53 8 | 27°53'25 | 27°17 | 16°57 | 8°32 | 15°42 | 14°17 | 17°42 | 18°46 | 11°1 | 2°12 | 11°47 | 11°2 | 22°8 | 16°51 | T 20 |
| W 21 | 5 57 5 | 28°54'32 | 9♏10 | 17°21 | 9°47 | 16°14 | 14°19 | 17°37 | 18°49 | 11°3 | 2°12 | 11°48 | 10°59 | 22°15 | 16°51 | W 21 |
| T 22 | 6 1 1 | 29°55'38 | 21°11 | 17°34 | 11°3 | 16°47 | 14°21 | 17°33 | 18°53 | 11°5 | 2°12 | 11°50 | 10°56 | 22°21 | 16°50 | T 22 |
| F 23 | 6 4 58 | 0♓56°46 | 3♏22 | 17°R37 | 12°18 | 17°19 | 14°22 | 17°28 | 18°56 | 11°7 | 2°12 | 11°51 | 10°53 | 22°28 | 16°50 | F 23 |
| S 24 | 6 8 54 | 1°57'53 | 15°47 | 17°29 | 13°33 | 17°51 | 14°24 | 17°23 | 19°0 | 11°10 | 2°13 | 11°R51 | 10°49 | 22°35 | 16°50 | S 24 |
| S 25 | 6 12 51 | 2°59'00 | 28°26 | 17°9 | 14°48 | 18°24 | 14°25 | 17°18 | 19°3 | 11°12 | 2°13 | 11°50 | 10°46 | 22°41 | 16°49 | S 25 |
| M 26 | 6 16 48 | 4°0'08 | 11♓22 | 16°38 | 16°4 | 18°56 | 14°26 | 17°14 | 19°7 | 11°14 | 2°13 | 11°48 | 10°43 | 22°48 | 16°49 | M 26 |
| T 27 | 6 20 44 | 5°1'16 | 24°32 | 15°54 | 17°19 | 19°28 | 14°27 | 17°9 | 19°10 | 11°16 | 2°13 | 11°45 | 10°40 | 22°55 | 16°49 | T 27 |
| W 28 | 6 24 41 | 6°2'25 | 7♏57 | 15°0 | 18°34 | 20°0 | 14°27 | 17°5 | 19°14 | 11°19 | 2°13 | 11°41 | 10°37 | 23°1 | 16°D49 | W 28 |
| T 29 | 6 28 37 | 7°3'33 | 21°34 | 13°56 | 19°49 | 20°31 | 14°28 | 17°0 | 19°17 | 11°21 | 2°14 | 11°37 | 10°34 | 23°8 | 16°49 | T 29 |
| F 30 | 6 32 34 | 8°4'42 | 5♏21 | 12°45 | 21°5 | 21°3 | 14°R28 | 16°56 | 19°21 | 11°23 | 2°14 | 11°34 | 10°30 | 23°15 | 16°49 | F 30 |
| S 31 | 6 36 30 | 9♓5°51 | 19♏18 | 11♓27 | 22♊20 | 21♌34 | 14♏28 | 16♏51 | 19♓24 | 11♓25 | 2♈14 | 11♊31 | 10♊27 | 23♈22 | 16♈49 | S 31 |

| Day | ☉ | ☽ | ♊ | ♋ | ♌ | ♍ | ♎ | ♏ | ♐ | ♑ | ♒ | ♓ | ♈ | ♉ |
|------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
| | decl | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat |
| T 1 | 21s45 | 13n 3 | 4s33 | 25s39 | 2s18 | 14s53 | 1n28 | 0s33 | 1n36 | 7n37 | 1n 4 | 21n28 | 1s34 | 22s43 |
| F 2 | 21 54 | 8 32 | 5 4 | 25 43 | 2 19 | 15 16 | 1 26 | 0 46 | 1 37 | 7 36 | 1 4 | 21 28 | 1 34 | 22 43 |
| S 3 | 22 3 | 3 30 | 5 17 | 25 47 | 2 20 | 15 39 | 1 25 | 1 0 | 1 37 | 7 34 | 1 4 | 21 27 | 1 34 | 22 42 |
| S 4 | 22 12 | 1s48 | 5 12 | 25 49 | 2 21 | 16 1 | 1 23 | 1 13 | 1 37 | 7 32 | 1 5 | 21 27 | 1 34 | 22 42 |
| M 5 | 22 20 | 7 6 | 4 48 | 25 49 | 2 21 | 16 23 | 1 22 | 1 26 | 1 38 | 7 31 | 1 5 | 21 27 | 1 34 | 22 42 |
| T 6 | 22 28 | 12 6 | 4 6 | 25 48 | 2 21 | 16 44 | 1 20 | 1 39 | 1 38 | 7 29 | 1 5 | 21 26 | 1 34 | 22 41 |
| W 7 | 22 35 | 16 26 | 3 7 | 25 45 | 2 20 | 17 5 | 1 18 | 1 52 | 1 38 | 7 28 | 1 5 | 21 26 | 1 34 | 22 41 |
| T 8 | 22 41 | 19 46 | 1 55 | 25 41 | 2 18 | 17 26 | 1 16 | 2 5 | 1 38 | 7 26 | 1 6 | 21 26 | 1 33 | 22 40 |
| F 9 | 22 48 | 21 48 | 0 37 | 25 36 | 2 16 | 17 46 | 1 14 | 2 18 | 1 39 | 7 25 | 1 6 | 21 25 | 1 33 | 22 40 |
| S 10 | 22 54 | 22 20 | 0n43 | 25 29 | 2 13 | 18 6 | 1 13 | 2 31 | 1 39 | 7 24 | 1 6 | 21 25 | 1 33 | 22 39 |
| S 11 | 22 59 | 21 25 | 1 59 | 25 20 | 2 9 | 18 25 | 1 11 | 2 44 | 1 39 | 7 22 | 1 6 | 21 25 | 1 33 | 22 39 |
| M 12 | 23 4 | 19 12 | 3 6 | 25 11 | 2 5 | 18 44 | 1 9 | 2 57 | 1 39 | 7 21 | 1 7 | 21 24 | 1 33 | 22 39 |
| T 13 | 23 8 | 15 59 | 4 1 | 25 0 | 2 0 | 19 2 | 1 7 | 3 10 | 1 40 | 7 20 | 1 7 | 21 24 | 1 33 | 22 38 |
| W 14 | 23 12 | 12 3 | 4 41 | 24 48 | 1 53 | 19 20 | 1 5 | 3 22 | 1 40 | 7 19 | 1 7 | 21 24 | 1 33 | 22 38 |
| T 15 | 23 16 | 7 42 | 5 7 | 24 34 | 1 46 | 19 37 | 1 3 | 3 35 | 1 40 | 7 18 | 1 8 | 21 23 | 1 33 | 22 37 |
| F 16 | 23 19 | 3 8 | 5 17 | 24 20 | 1 38 | 19 53 | 1 0 | 3 48 | 1 40 | 7 18 | 1 8 | 21 23 | 1 33 | 22 37 |
| S 17 | 23 22 | 1n27 | 5 12 | 24 5 | 1 28 | 20 9 | 0 58 | 4 0 | 1 41 | 7 17 | 1 8 | 21 23 | 1 33 | 22 36 |
| S 18 | 23 24 | 5 55 | 4 54 | 23 49 | 1 18 | 20 25 | 0 56 | 4 13 | 1 41 | 7 16 | 1 8 | 21 22 | 1 32 | 22 36 |
| M 19 | 23 25 | 10 8 | 4 24 | 23 32 | 1 6 | 20 40 | 0 54 | 4 25 | 1 41 | 7 15 | 1 9 | 21 22 | 1 32 | 22 35 |
| T 20 | 23 27 | 13 58 | 3 42 | 23 16 | 0 53 | 20 54 | 0 52 | 4 37 | 1 41 | 7 15 | 1 9 | 21 22 | 1 32 | 22 35 |
| W 21 | 23 27 | 17 16 | 2 51 | 22 58 | 0 39 | 21 8 | 0 49 | 4 50 | 1 42 | 7 14 | 1 9 | 21 21 | 1 32 | 22 34 |
| T 22 | 23 28 | 19 52 | 1 52 | 22 41 | 0 23 | 21 21 | 0 47 | 5 2 | 1 42 | 7 14 | 1 9 | 21 21 | 1 32 | 22 34 |
| F 23 | 23 27 | 21 37 | 0 47 | 22 24 | 0 6 | 21 33 | 0 45 | 5 14 | 1 42 | 7 14 | 1 10 | 21 21 | 1 32 | 22 33 |
| S 24 | 23 27 | 22 21 | 0s22 | 22 8 | 0n11 | 21 45 | 0 42 | 5 26 | 1 42 | 7 13 | 1 10 | 21 20 | 1 32 | 22 33 |
| S 25 | 23 26 | 21 57 | 1 30 | 21 52 | 0 30 | 21 56 | 0 40 | 5 38 | 1 42 | 7 13 | 1 10 | 21 20 | 1 32 | 22 32 |
| M 26 | 23 24 | 20 24 | 2 36 | 21 37 | 0 49 | 22 7 | 0 37 | 5 50 | 1 43 | 7 13 | 1 11 | 21 20 | 1 31 | 22 32 |
| T 27 | 23 22 | 17 44 | 3 34 | 21 22 | 1 9 | 22 17 | 0 35 | 6 2 | 1 43 | 7 13 | 1 11 | 21 20 | 1 31 | 22 32 |
| W 28 | 23 19 | 14 5 | 4 21 | 21 9 | 1 29 | 22 26 | 0 32 | 6 14 | 1 43 | 7 13 | 1 11 | 21 19 | 1 31 | 22 31 |
| T 29 | 23 16 | 9 40 | 4 55 | 20 57 | 1 48 | 22 34 | 0 30 | 6 26 | 1 43 | 7 13 | 1 11 | 21 19 | 1 31 | 22 31 |
| F 30 | 23 13 | 4 43 | 5 12 | 20 46 | 2 6 | 22 42 | 0 28 | 6 37 | 1 44 | 7 13 | 1 12 | 21 19 | 1 31 | 22 30 |
| S 31 | 23s 9 | 0s31 | 5s11 | 20s36 | 2n23 | 22s49 | 0n25 | 6s49 | 1n44 | 7n14 | 1n12 | 21n18 | 1s31 | 22s30 |

Julian Day Number = 2387961.5, Delta T = 13.55 sec
Ecliptic obliquity = 23°27'40, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°18'34, Lahiri = 21°25'35