



# Astrodienst Ephemeris Tables for the year 1806

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 1806  
geocentric

JANUARY 1806

00:00 UT

| Day  | Sid.t   | ☉         | ☽       | ♂      | ♀      | ♂      | ♂      | ♂      | ♂      | ♂      | ♂     | ♂     | ♂    | ♂     | ♂     | Day  |
|------|---------|-----------|---------|--------|--------|--------|--------|--------|--------|--------|-------|-------|------|-------|-------|------|
| W 1  | 6 39 50 | 9°38'23   | 14°51   | 19°R26 | 27°11  | 18°346 | 22°20  | 27°17  | 25°16  | 29°M20 | 9°3   | 7°23  | 7°14 | 19°30 | 20°2  | W 1  |
| T 2  | 6 43 47 | 10°59'32  | 29° 6   | 18°326 | 28°12  | 19°32  | 22°33  | 27°21  | 25°18  | 29°21  | 9° 4  | 7°23  | 7°11 | 19°36 | 20° 7 | T 2  |
| F 3  | 6 47 43 | 12° 0'41  | 13°II46 | 17°17  | 29°13  | 20°19  | 22°46  | 27°25  | 25°19  | 29°23  | 9° 5  | 7°24  | 7° 7 | 19°43 | 20°13 | F 3  |
| S 4  | 6 51 40 | 13° 1'50  | 28°46   | 16° 2  | 0°X14  | 21° 6  | 22°59  | 27°28  | 25°21  | 29°25  | 9° 6  | 7°24  | 7° 4 | 19°50 | 20°18 | S 4  |
| S 5  | 6 55 36 | 14° 2'59  | 13°58   | 14°43  | 1°14   | 21°52  | 23°13  | 27°31  | 25°22  | 29°27  | 9° 7  | 7°R24 | 7° 1 | 19°56 | 20°24 | S 5  |
| M 6  | 6 59 33 | 15° 4'07  | 29°13   | 13°22  | 2°14   | 22°39  | 23°26  | 27°35  | 25°24  | 29°28  | 9° 8  | 7°24  | 6°58 | 20° 3 | 20°29 | M 6  |
| T 7  | 7 3 29  | 16° 5'15  | 14°Q21  | 12° 3  | 3°13   | 23°26  | 23°39  | 27°38  | 25°25  | 29°30  | 9° 9  | 7°23  | 6°55 | 20°10 | 20°35 | T 7  |
| W 8  | 7 7 26  | 17° 6'23  | 29°12   | 10°47  | 4°12   | 24°13  | 23°52  | 27°41  | 25°26  | 29°32  | 9°10  | 7°22  | 6°51 | 20°16 | 20°40 | W 8  |
| T 9  | 7 11 23 | 18° 7'31  | 13°M40  | 9°37   | 5°10   | 25° 0  | 24° 5  | 27°44  | 25°28  | 29°34  | 9°11  | 7°21  | 6°48 | 20°23 | 20°46 | T 9  |
| F 10 | 7 15 19 | 19° 8'39  | 27°42   | 8°34   | 6° 8   | 25°47  | 24°18  | 27°47  | 25°29  | 29°35  | 9°12  | 7°19  | 6°45 | 20°30 | 20°51 | F 10 |
| S 11 | 7 19 16 | 20° 9'47  | 11°A17  | 7°40   | 7° 5   | 26°34  | 24°31  | 27°50  | 25°30  | 29°37  | 9°13  | 7°19  | 6°42 | 20°36 | 20°57 | S 11 |
| S 12 | 7 23 12 | 21°10'55  | 24°26   | 6°55   | 8° 2   | 27°20  | 24°44  | 27°52  | 25°31  | 29°38  | 9°14  | 7°D18 | 6°39 | 20°43 | 21° 2 | S 12 |
| M13  | 7 27 9  | 22°12'02  | 7°M12   | 6°20   | 8°58   | 28° 7  | 24°57  | 27°55  | 25°32  | 29°40  | 9°16  | 7°19  | 6°36 | 20°50 | 21° 8 | M13  |
| T14  | 7 31 5  | 23°13'10  | 19°38   | 5°54   | 9°53   | 28°54  | 25°10  | 27°57  | 25°33  | 29°41  | 9°17  | 7°20  | 6°32 | 20°56 | 21°13 | T14  |
| W15  | 7 35 2  | 24°14'17  | 1°A49   | 5°38   | 10°48  | 29°42  | 25°23  | 28° 0  | 25°34  | 29°43  | 9°18  | 7°22  | 6°29 | 21° 3 | 21°19 | W15  |
| T16  | 7 38 58 | 25°15'24  | 13°50   | 5°D31  | 11°42  | 0°A29  | 25°35  | 28° 2  | 25°34  | 29°44  | 9°19  | 7°23  | 6°26 | 21°10 | 21°24 | T16  |
| F 17 | 7 42 55 | 26°16'30  | 25°42   | 5°33   | 12°36  | 1°16   | 25°48  | 28° 4  | 25°35  | 29°46  | 9°20  | 7°24  | 6°23 | 21°16 | 21°30 | F 17 |
| S 18 | 7 46 52 | 27°17'36  | 7°31    | 5°42   | 13°29  | 2° 3   | 26° 1  | 28° 6  | 25°36  | 29°47  | 9°22  | 7°R25 | 6°20 | 21°23 | 21°35 | S 18 |
| S 19 | 7 50 48 | 28°18'42  | 19°18   | 5°59   | 14°21  | 2°50   | 26°13  | 28° 8  | 25°37  | 29°49  | 9°23  | 7°24  | 6°17 | 21°29 | 21°40 | S 19 |
| M20  | 7 54 45 | 29°19'46  | 1°A 6   | 6°22   | 15°12  | 3°37   | 26°26  | 28°10  | 25°37  | 29°50  | 9°24  | 7°22  | 6°13 | 21°36 | 21°46 | M20  |
| T 21 | 7 58 41 | 0°A20'50  | 12°56   | 6°52   | 16° 3  | 4°24   | 26°38  | 28°12  | 25°38  | 29°51  | 9°26  | 7°20  | 6°10 | 21°43 | 21°51 | T 21 |
| W22  | 8 2 38  | 1°21'53   | 24°52   | 7°27   | 16°52  | 5°11   | 26°51  | 28°14  | 25°38  | 29°53  | 9°27  | 7°16  | 6° 7 | 21°49 | 21°57 | W22  |
| T 23 | 8 6 34  | 2°22'56   | 6°A54   | 8° 7   | 17°41  | 5°59   | 27° 3  | 28°15  | 25°39  | 29°54  | 9°28  | 7°11  | 6° 4 | 21°56 | 22° 2 | T 23 |
| F 24 | 8 10 31 | 3°23'57   | 19° 5   | 8°51   | 18°29  | 6°46   | 27°16  | 28°17  | 25°39  | 29°55  | 9°30  | 7° 7  | 6° 1 | 22° 3 | 22° 8 | F 24 |
| S 25 | 8 14 27 | 4°24'57   | 1°V27   | 9°40   | 19°16  | 7°33   | 27°28  | 28°18  | 25°39  | 29°56  | 9°31  | 7° 3  | 5°57 | 22° 9 | 22°13 | S 25 |
| S 26 | 8 18 24 | 5°25'56   | 14° 4   | 10°32  | 20° 3  | 8°20   | 27°40  | 28°20  | 25°40  | 29°58  | 9°32  | 6°59  | 5°54 | 22°16 | 22°18 | S 26 |
| M27  | 8 22 21 | 6°26'53   | 26°56   | 11°28  | 20°48  | 9° 8   | 27°52  | 28°21  | 25°40  | 29°59  | 9°34  | 6°58  | 5°51 | 22°23 | 22°24 | M27  |
| T 28 | 8 26 17 | 7°27'50   | 10°B 9  | 12°27  | 21°32  | 9°55   | 28° 4  | 28°22  | 25°40  | 29°59  | 9°35  | 6°D57 | 5°48 | 22°29 | 22°29 | T 28 |
| W29  | 8 30 14 | 8°28'45   | 23°44   | 13°29  | 22°15  | 10°42  | 28°16  | 28°23  | 25°40  | 0°A 1  | 9°37  | 6°58  | 5°45 | 22°36 | 22°34 | W29  |
| T 30 | 8 34 10 | 9°29'39   | 7°II43  | 14°33  | 22°57  | 11°30  | 28°28  | 28°24  | 25°R40 | 0° 2   | 9°38  | 7° 0  | 5°42 | 22°43 | 22°40 | T 30 |
| F 31 | 8 38 7  | 10°A30'32 | 22°II 6 | 15°340 | 23°X37 | 12°A17 | 28°A40 | 28°A24 | 25°A40 | 0°A 3  | 9°A39 | 7° 1  | 5°38 | 22°49 | 22°45 | F 31 |

| Day  | ☉     | ☽     | ♂    | ♀     | ♂    | ♂     | ♂    | ♂     | ♂    | ♂     | ♂    | ♂    | ♂    | ♂    | ♂    | ♂     |
|------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|------|------|------|------|-------|
|      | decl  | decl  | lat  | decl  | lat  | decl  | lat  | decl  | lat  | decl  | lat  | decl | lat  | decl | lat  | lat   |
| W 1  | 23s 5 | 20n20 | 4n13 | 20s28 | 1n36 | 13s34 | 1s11 | 23s 9 | 1s 1 | 22s52 | 0n22 | 8s15 | 2n26 | 9s14 | 0n35 | 18s25 |
| T 2  | 23 1  | 23 11 | 3 17 | 20 18 | 1 55 | 13 8  | 1 6  | 23 3  | 1 1  | 22 53 | 0 22 | 8 16 | 2 26 | 9 15 | 0 35 | 18 25 |
| F 3  | 22 55 | 24 35 | 2 8  | 20 9  | 2 13 | 12 42 | 1 1  | 22 56 | 1 1  | 22 54 | 0 22 | 8 17 | 2 26 | 9 15 | 0 36 | 18 25 |
| S 4  | 22 50 | 24 15 | 0 48 | 20 2  | 2 29 | 12 16 | 0 55 | 22 49 | 1 1  | 22 55 | 0 22 | 8 18 | 2 27 | 9 16 | 0 36 | 18 26 |
| S 5  | 22 43 | 22 8  | 0s36 | 19 56 | 2 44 | 11 49 | 0 50 | 22 42 | 1 1  | 22 55 | 0 22 | 8 19 | 2 27 | 9 16 | 0 36 | 18 26 |
| M 6  | 22 37 | 18 24 | 1 58 | 19 52 | 2 56 | 11 23 | 0 44 | 22 34 | 1 2  | 22 56 | 0 22 | 8 20 | 2 27 | 9 17 | 0 36 | 18 26 |
| T 7  | 22 30 | 13 29 | 3 11 | 19 49 | 3 7  | 10 56 | 0 38 | 22 27 | 1 2  | 22 57 | 0 22 | 8 21 | 2 27 | 9 17 | 0 36 | 18 27 |
| W 8  | 22 22 | 7 52  | 4 10 | 19 48 | 3 14 | 10 29 | 0 33 | 22 19 | 1 2  | 22 58 | 0 22 | 8 22 | 2 28 | 9 18 | 0 36 | 18 27 |
| T 9  | 22 14 | 1 57  | 4 51 | 19 48 | 3 19 | 10 2  | 0 26 | 22 11 | 1 2  | 22 58 | 0 22 | 8 23 | 2 28 | 9 18 | 0 36 | 18 27 |
| F 10 | 22 6  | 3s52  | 5 13 | 19 50 | 3 22 | 9 35  | 0 20 | 22 2  | 1 2  | 22 59 | 0 22 | 8 23 | 2 28 | 9 19 | 0 36 | 18 28 |
| S 11 | 21 57 | 9 19  | 5 17 | 19 52 | 3 22 | 9 8   | 0 14 | 21 53 | 1 3  | 23 0  | 0 22 | 8 24 | 2 28 | 9 19 | 0 36 | 18 28 |
| S 12 | 21 48 | 14 11 | 5 3  | 19 57 | 3 21 | 8 41  | 0 7  | 21 44 | 1 3  | 23 0  | 0 21 | 8 25 | 2 29 | 9 19 | 0 36 | 18 28 |
| M13  | 21 38 | 18 16 | 4 35 | 20 2  | 3 17 | 8 13  | 0 0  | 21 35 | 1 3  | 23 1  | 0 21 | 8 26 | 2 29 | 9 20 | 0 36 | 18 29 |
| T14  | 21 28 | 21 26 | 3 55 | 20 8  | 3 12 | 7 46  | 0n 7 | 21 26 | 1 3  | 23 1  | 0 21 | 8 26 | 2 29 | 9 20 | 0 36 | 18 29 |
| W15  | 21 17 | 23 34 | 3 5  | 20 15 | 3 6  | 7 19  | 0 14 | 21 16 | 1 3  | 23 2  | 0 21 | 8 27 | 2 29 | 9 20 | 0 36 | 18 29 |
| T16  | 21 6  | 24 35 | 2 7  | 20 22 | 2 59 | 6 51  | 0 21 | 21 6  | 1 3  | 23 2  | 0 21 | 8 27 | 2 30 | 9 20 | 0 36 | 18 29 |
| F 17 | 20 55 | 24 28 | 1 4  | 20 30 | 2 51 | 6 24  | 0 29 | 20 56 | 1 4  | 23 3  | 0 21 | 8 28 | 2 30 | 9 21 | 0 36 | 18 30 |
| S 18 | 20 43 | 23 15 | 0n 1 | 20 39 | 2 42 | 5 57  | 0 36 | 20 46 | 1 4  | 23 3  | 0 21 | 8 28 | 2 30 | 9 21 | 0 36 | 18 30 |
| S 19 | 20 31 | 21 0  | 1 5  | 20 48 | 2 32 | 5 29  | 0 44 | 20 35 | 1 4  | 23 4  | 0 21 | 8 29 | 2 30 | 9 21 | 0 36 | 18 30 |
| M20  | 20 19 | 17 52 | 2 7  | 20 56 | 2 23 | 5 2   | 0 52 | 20 24 | 1 4  | 23 4  | 0 21 | 8 29 | 2 31 | 9 21 | 0 36 | 18 30 |
| T 21 | 20 6  | 14 1  | 3 4  | 21 5  | 2 12 | 4 35  | 1 0  | 20 13 | 1 4  | 23 4  | 0 21 | 8 30 | 2 31 | 9 22 | 0 36 | 18 31 |
| W22  | 19 53 | 9 36  | 3 52 | 21 13 | 2 2  | 4 8   | 1 9  | 20 2  | 1 4  | 23 5  | 0 21 | 8 30 | 2 31 | 9 22 | 0 36 | 18 31 |
| T 23 | 19 39 | 4 47  | 4 31 | 21 21 | 1 52 | 3 41  | 1 17 | 19 50 | 1 4  | 23 5  | 0 21 | 8 30 | 2 32 | 9 22 | 0 36 | 18 31 |
| F 24 | 19 25 | 0n15  | 4 59 | 21 29 | 1 41 | 3 14  | 1 26 | 19 38 | 1 4  | 23 5  | 0 21 | 8 31 | 2 32 | 9 22 | 0 36 | 18 31 |
| S 25 | 19 11 | 5 21  | 5 12 | 21 36 | 1 31 | 2 48  | 1 35 | 19 26 | 1 4  | 23 6  | 0 21 | 8 31 | 2 32 | 9 22 | 0 36 | 18 32 |
| S 26 | 18 56 | 10 20 | 5 11 | 21 42 | 1 21 | 2 21  | 1 44 | 19 14 | 1 4  | 23 6  | 0 21 | 8 31 | 2 32 | 9 22 | 0 36 | 18 32 |
| M27  | 18 41 | 14 58 | 4 55 | 21 48 | 1 10 | 1 55  | 1 53 | 19 2  | 1 5  | 23 6  | 0 21 | 8 31 | 2 33 | 9 22 | 0 36 | 18 32 |
| T 28 | 18 25 | 19 2  | 4 23 | 21 53 | 1 0  | 1 29  | 2 18 | 18 49 | 1 5  | 23 7  | 0 21 | 8 31 | 2 33 | 9 22 | 0 36 | 18 32 |
| W29  | 18 10 | 22 12 | 3 35 | 21 57 | 0 50 | 1 3   | 2 12 | 18 36 | 1 5  | 23 7  | 0 20 | 8 31 | 2 33 | 9 22 | 0 36 | 18 32 |
| T 30 | 17 54 | 24 9  | 2 34 | 22 0  | 0 40 | 0 38  | 2 22 | 18 23 | 1 5  | 23 7  | 0 20 | 8 32 | 2 33 | 9 22 | 0 36 | 18 33 |
| F 31 | 17s37 | 24n34 | 1n21 | 22s 2 | 0n31 | 0s13  | 2n32 | 18s10 | 1s 5 | 23s 7 | 0n20 | 8s32 | 2n34 | 9s22 | 0n36 | 18s33 |

Julian Day Number = 2380687.5, Delta T = 15.94 sec  
Ecliptic obliquity = 23°27'53, Nutation = 0°00'17, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 22°01'54, Lahiri = 21°08'54

# ASTRODIENST EPHEMERIS for the year 1806

## geocentric

FEBRUARY 1806

00:00 UT

| Day  | Sid.t    | ☉                   | ☽                | ♀                  | ♂                   | ♂                  | ♂                | ♂                | ♂                | ♂               | ♂                | ♂                | ♂               | ♂                | ♂                 | Day  |
|------|----------|---------------------|------------------|--------------------|---------------------|--------------------|------------------|------------------|------------------|-----------------|------------------|------------------|-----------------|------------------|-------------------|------|
| S 1  | 8 42 3   | 11 <sup>31</sup> 23 | 6 <sup>51</sup>  | 16 <sup>34</sup> 9 | 24 <sup>11</sup> 17 | 13 <sup>36</sup> 4 | 28 <sup>52</sup> | 28 <sup>25</sup> | 25°R40           | 0 <sup>4</sup>  | 9 <sup>41</sup>  | 7°R 2            | 5 <sup>35</sup> | 22 <sup>56</sup> | 22 <sup>50</sup>  | S 1  |
| S 2  | 8 46 0   | 12°32'13            | 21°53            | 17°59              | 24°55               | 13°51              | 29° 3            | 28°26            | 25 <sup>40</sup> | 0° 5            | 9°42             | 7 <sup>3</sup> 1 | 5°32            | 23° 3            | 22°56             | S 2  |
| M 3  | 8 49 56  | 13°33'02            | 7 <sup>4</sup>   | 19°12              | 25°32               | 14°39              | 29°15            | 28°26            | 25°40            | 0° 6            | 9°44             | 6°58             | 5°29            | 23° 9            | 23° 1             | M 3  |
| T 4  | 8 53 53  | 14°33'49            | 22°15            | 20°26              | 26° 8               | 15°26              | 29°26            | 28°26            | 25°40            | 0° 7            | 9°45             | 6°54             | 5°26            | 23°16            | 23° 6             | T 4  |
| W 5  | 8 57 50  | 15°34'35            | 7 <sup>15</sup>  | 21°42              | 26°42               | 16°14              | 29°38            | 28°27            | 25°39            | 0° 8            | 9°47             | 6°48             | 5°23            | 23°23            | 23°11             | W 5  |
| T 6  | 9 1 146  | 16°35'20            | 21°55            | 23° 0              | 27°14               | 17° 1              | 29°49            | 28°27            | 25°39            | 0° 9            | 9°48             | 6°42             | 5°19            | 23°29            | 23°16             | T 6  |
| F 7  | 9 5 43   | 17°36'04            | 6 <sup>10</sup>  | 24°18              | 27°46               | 17°48              | 0 <sup>3</sup> 1 | 28°R27           | 25°39            | 0°10            | 9°50             | 6°36             | 5°16            | 23°36            | 23°21             | F 7  |
| S 8  | 9 9 39   | 18°36'46            | 19°56            | 25°38              | 28°15               | 18°36              | 0°12             | 28°27            | 25°38            | 0°10            | 9°51             | 6°31             | 5°13            | 23°43            | 23°27             | S 8  |
| S 9  | 9 13 36  | 19°37'28            | 3 <sup>13</sup>  | 27° 0              | 28°43               | 19°23              | 0°23             | 28°26            | 25°38            | 0°11            | 9°53             | 6°28             | 5°10            | 23°49            | 23°32             | S 9  |
| M10  | 9 17 32  | 20°38'09            | 16° 3            | 28°22              | 29° 9               | 20°10              | 0°34             | 28°26            | 25°37            | 0°12            | 9°54             | 6°D26            | 5° 7            | 23°56            | 23°37             | M10  |
| T 11 | 9 21 29  | 21°38'48            | 28°30            | 29°46              | 29°33               | 20°58              | 0°45             | 28°26            | 25°36            | 0°13            | 9°56             | 6°26             | 5° 3            | 24° 2            | 23°42             | T 11 |
| W12  | 9 25 25  | 22°39'27            | 10 <sup>40</sup> | 1 <sup>11</sup>    | 29°56               | 21°45              | 0°56             | 28°25            | 25°36            | 0°13            | 9°57             | 6°27             | 5° 0            | 24° 9            | 23°47             | W12  |
| T 13 | 9 29 22  | 23°40'04            | 22°36            | 2°37               | 0 <sup>17</sup>     | 22°33              | 1° 7             | 28°25            | 25°35            | 0°14            | 9°59             | 6°29             | 4°57            | 24°16            | 23°52             | T 13 |
| F 14 | 9 33 19  | 24°40'40            | 4 <sup>36</sup>  | 4° 4               | 0°35                | 23°20              | 1°17             | 28°24            | 25°34            | 0°14            | 10° 1            | 6°R30            | 4°54            | 24°22            | 23°57             | F 14 |
| S 15 | 9 37 15  | 25°41'14            | 16°11            | 5°32               | 0°52                | 24° 8              | 1°28             | 28°23            | 25°33            | 0°15            | 10° 2            | 6°29             | 4°51            | 24°29            | 24° 1             | S 15 |
| S 16 | 9 41 12  | 26°41'48            | 27°58            | 7° 1               | 1° 7                | 24°55              | 1°38             | 28°22            | 25°33            | 0°16            | 10° 4            | 6°26             | 4°48            | 24°36            | 24° 6             | S 16 |
| M17  | 9 45 8   | 27°42'19            | 9 <sup>49</sup>  | 8°31               | 1°19                | 25°42              | 1°49             | 28°21            | 25°32            | 0°16            | 10° 5            | 6°21             | 4°44            | 24°42            | 24°11             | M17  |
| T 18 | 9 49 5   | 28°42'49            | 21°46            | 10° 2              | 1°30                | 26°30              | 1°59             | 28°20            | 25°31            | 0°16            | 10° 7            | 6°14             | 4°41            | 24°49            | 24°16             | T 18 |
| W19  | 9 53 1   | 29°43'18            | 3 <sup>52</sup>  | 11°34              | 1°38                | 27°17              | 2° 9             | 28°19            | 25°30            | 0°17            | 10° 8            | 6° 5             | 4°38            | 24°56            | 24°21             | W19  |
| T 20 | 9 56 58  | 0 <sup>43</sup> '45 | 16° 7            | 13° 7              | 1°43                | 28° 5              | 2°19             | 28°17            | 25°29            | 0°17            | 10°10            | 5°54             | 4°35            | 25° 2            | 24°25             | T 20 |
| F 21 | 10 0 54  | 1°44'10             | 28°32            | 14°41              | 1°47                | 28°52              | 2°29             | 28°16            | 25°27            | 0°18            | 10°12            | 5°43             | 4°32            | 25° 9            | 24°30             | F 21 |
| S 22 | 10 4 51  | 2°44'34             | 11 <sup>17</sup> | 16°16              | 1°R48               | 29°39              | 2°39             | 28°14            | 25°26            | 0°18            | 10°13            | 5°33             | 4°29            | 25°16            | 24°35             | S 22 |
| S 23 | 10 8 48  | 3°44'55             | 23°55            | 17°52              | 1°46                | 0 <sup>27</sup>    | 2°49             | 28°13            | 25°25            | 0°18            | 10°15            | 5°25             | 4°25            | 25°22            | 24°39             | S 23 |
| M24  | 10 12 44 | 4°45'15             | 6 <sup>55</sup>  | 19°29              | 1°42                | 1°14               | 2°59             | 28°11            | 25°24            | 0°19            | 10°16            | 5°19             | 4°22            | 25°29            | 24°44             | M24  |
| T 25 | 10 16 41 | 5°45'32             | 20°10            | 21° 7              | 1°35                | 2° 2               | 3° 8             | 28° 9            | 25°22            | 0°19            | 10°18            | 5°15             | 4°19            | 25°36            | 24°48             | T 25 |
| W26  | 10 20 37 | 6°45'48             | 3 <sup>41</sup>  | 22°46              | 1°26                | 2°49               | 3°18             | 28° 7            | 25°21            | 0°19            | 10°20            | 5°D14            | 4°16            | 25°42            | 24°53             | W26  |
| T 27 | 10 24 34 | 7°46'02             | 17°29            | 24°26              | 1°15                | 3°36               | 3°27             | 28° 5            | 25°20            | 0°19            | 10°21            | 5°14             | 4°13            | 25°49            | 24°57             | T 27 |
| F 28 | 10 28 30 | 8 <sup>46</sup> '13 | 1 <sup>35</sup>  | 26 <sup>36</sup>   | 1 <sup>17</sup>     | 4 <sup>24</sup>    | 3 <sup>36</sup>  | 28 <sup>3</sup>  | 25 <sup>18</sup> | 0 <sup>19</sup> | 10 <sup>23</sup> | 5°R15            | 4 <sup>3</sup>  | 25 <sup>56</sup> | 25 <sup>3</sup> 1 | F 28 |

| Day  | ☉     | ☾     |      | ♀      |      | ♀    |      | ♂     |       | ♂      |      | ♂    |      | ♂    |      | ♂     |      | ♂     |       | ♂     |       | ♂     |       | ♂    |     |
|------|-------|-------|------|--------|------|------|------|-------|-------|--------|------|------|------|------|------|-------|------|-------|-------|-------|-------|-------|-------|------|-----|
|      | decl  | decl  | lat  | decl   | lat  | decl | lat  | decl  | lat   | decl   | lat  | decl | lat  | decl | lat  | decl  | lat  | decl  | lat   | decl  | lat   | decl  | lat   | decl | lat |
| S 1  | 17s21 | 23n18 | 0n 1 | 22 s 3 | 0n21 | 0n12 | 2n42 | 17s57 | 1 s 5 | 23 s 7 | 0n20 | 8s32 | 2n34 | 9s22 | 0n36 | 18s33 | 1n41 | 20s25 | 13s31 | 23s17 | 23s21 | 20s 0 | 15s 8 | 6n29 |     |
| S 2  | 17 4  | 20 22 | 1s20 | 22 3   | 0 12 | 0 36 | 2 52 | 17 43 | 1 5   | 23 7   | 0 20 | 8 31 | 2 34 | 9 22 | 0 36 | 18 33 | 1 41 | 20 24 | 13 31 | 23 17 | 23 21 | 19 58 | 15 7  | 6 30 |     |
| M 3  | 16 46 | 16 0  | 2 37 | 22 2   | 0 3  | 1 1  | 3 2  | 17 29 | 1 5   | 23 8   | 0 20 | 8 31 | 2 34 | 9 22 | 0 36 | 18 33 | 1 41 | 20 23 | 13 30 | 23 17 | 23 21 | 19 56 | 15 6  | 6 30 |     |
| T 4  | 16 29 | 10 37 | 3 42 | 22 0   | 0s 6 | 1 24 | 3 13 | 17 15 | 1 5   | 23 8   | 0 20 | 8 31 | 2 35 | 9 22 | 0 36 | 18 33 | 1 41 | 20 23 | 13 30 | 23 17 | 23 21 | 19 54 | 15 4  | 6 30 |     |
| W 5  | 16 11 | 4 40  | 4 30 | 21 57  | 0 14 | 1 48 | 3 23 | 17 1  | 1 5   | 23 8   | 0 20 | 8 31 | 2 35 | 9 22 | 0 36 | 18 33 | 1 41 | 20 22 | 13 30 | 23 17 | 23 21 | 19 52 | 15 3  | 6 30 |     |
| T 6  | 15 53 | 1s23  | 5 0  | 21 52  | 0 22 | 2 10 | 3 34 | 16 47 | 1 5   | 23 8   | 0 20 | 8 31 | 2 35 | 9 22 | 0 36 | 18 34 | 1 41 | 20 21 | 13 30 | 23 18 | 23 21 | 19 50 | 15 2  | 6 30 |     |
| F 7  | 15 34 | 7 12  | 5 10 | 21 47  | 0 31 | 2 33 | 3 45 | 16 32 | 1 5   | 23 8   | 0 20 | 8 31 | 2 36 | 9 21 | 0 36 | 18 34 | 1 41 | 20 21 | 13 30 | 23 18 | 23 22 | 19 48 | 15 1  | 6 31 |     |
| S 8  | 15 16 | 12 28 | 5 2  | 21 40  | 0 38 | 2 55 | 3 56 | 16 18 | 1 5   | 23 8   | 0 20 | 8 30 | 2 36 | 9 21 | 0 36 | 18 34 | 1 41 | 20 20 | 13 30 | 23 18 | 23 22 | 19 46 | 15 0  | 6 31 |     |
| S 9  | 14 57 | 16 56 | 4 37 | 21 32  | 0 46 | 3 16 | 4 7  | 16 3  | 1 5   | 23 8   | 0 20 | 8 30 | 2 36 | 9 21 | 0 37 | 18 34 | 1 41 | 20 19 | 13 30 | 23 18 | 23 22 | 19 44 | 14 59 | 6 31 |     |
| M10  | 14 38 | 20 29 | 4 0  | 21 22  | 0 53 | 3 37 | 4 18 | 15 48 | 1 5   | 23 8   | 0 20 | 8 30 | 2 36 | 9 21 | 0 37 | 18 34 | 1 41 | 20 19 | 13 30 | 23 18 | 23 22 | 19 42 | 14 58 | 6 31 |     |
| T 11 | 14 18 | 22 57 | 3 11 | 21 12  | 1 0  | 3 57 | 4 30 | 15 33 | 1 5   | 23 8   | 0 20 | 8 29 | 2 37 | 9 21 | 0 37 | 18 34 | 1 41 | 20 18 | 13 30 | 23 18 | 23 22 | 19 40 | 14 57 | 6 31 |     |
| W12  | 13 59 | 24 18 | 2 15 | 21 0   | 1 7  | 4 16 | 4 41 | 15 17 | 1 5   | 23 8   | 0 20 | 8 29 | 2 37 | 9 20 | 0 37 | 18 34 | 1 41 | 20 17 | 13 30 | 23 18 | 23 22 | 19 38 | 14 56 | 6 32 |     |
| T 13 | 13 39 | 24 30 | 1 15 | 20 47  | 1 13 | 4 35 | 4 52 | 15 2  | 1 5   | 23 8   | 0 20 | 8 28 | 2 37 | 9 20 | 0 37 | 18 34 | 1 41 | 20 17 | 13 30 | 23 18 | 23 22 | 19 36 | 14 55 | 6 32 |     |
| F 14 | 13 19 | 23 35 | 0 11 | 20 32  | 1 19 | 4 53 | 5 4  | 14 46 | 1 5   | 23 8   | 0 20 | 8 28 | 2 37 | 9 20 | 0 37 | 18 34 | 1 41 | 20 16 | 13 29 | 23 18 | 23 22 | 19 34 | 14 54 | 6 32 |     |
| S 15 | 12 58 | 21 37 | 0n52 | 20 17  | 1 25 | 5 10 | 5 16 | 14 31 | 1 5   | 23 8   | 0 19 | 8 27 | 2 38 | 9 19 | 0 37 | 18 34 | 1 41 | 20 15 | 13 29 | 23 18 | 23 23 | 19 32 | 14 53 | 6 32 |     |
| S 16 | 12 38 | 18 44 | 1 53 | 19 59  | 1 30 | 5 27 | 5 27 | 14 15 | 1 4   | 23 8   | 0 19 | 8 27 | 2 38 | 9 19 | 0 37 | 18 34 | 1 41 | 20 15 | 13 29 | 23 18 | 23 23 | 19 30 | 14 52 | 6 33 |     |
| M17  | 12 17 | 15 5  | 2 50 | 19 41  | 1 35 | 5 42 | 5 39 | 13 58 | 1 4   | 23 8   | 0 19 | 8 26 | 2 38 | 9 19 | 0 37 | 18 34 | 1 41 | 20 14 | 13 29 | 23 19 | 23 23 | 19 28 | 14 51 | 6 33 |     |
| T 18 | 11 56 | 10 49 | 3 39 | 19 21  | 1 40 | 5 57 | 5 50 | 13 42 | 1 4   | 23 8   | 0 19 | 8 26 | 2 38 | 9 18 | 0 37 | 18 35 | 1 42 | 20 13 | 13 29 | 23 19 | 23 23 | 19 26 | 14 50 | 6 33 |     |
| W19  | 11 35 | 6 5   | 4 19 | 19 0   | 1 45 | 6 11 | 6 2  | 13 26 | 1 4   | 23 8   | 0 19 | 8 25 | 2 39 | 9 18 | 0 37 | 18 35 | 1 42 | 20 13 | 13 29 | 23 20 | 23 23 | 19 24 | 14 49 | 6 34 |     |
| T 20 | 11 14 | 1 4   | 4 47 | 18 38  | 1 49 | 6 24 | 6 13 | 13 9  | 1 4   | 23 7   | 0 19 | 8 24 | 2 39 | 9 17 | 0 37 | 18 35 | 1 42 | 20 12 | 13 29 | 23 20 | 23 23 | 19 22 | 14 48 | 6 34 |     |
| F 21 | 10 52 | 4n 2  | 5 3  | 18 14  | 1 52 | 6 35 | 6 25 | 12 53 | 1 4   | 23 7   | 0 19 | 8 23 | 2 39 | 9 17 | 0 37 | 18 35 | 1 42 | 20 11 | 13 29 | 23 20 | 23 23 | 19 20 | 14 46 | 6 34 |     |
| S 22 | 10 30 | 9 3   | 5 4  | 17 49  | 1 56 | 6 46 | 6 36 | 12 36 | 1 4   | 23 7   | 0 19 | 8 23 | 2 39 | 9 17 | 0 37 | 18 35 | 1 42 | 20 11 | 13 29 | 23 21 | 23 23 | 19 18 | 14 45 | 6 34 |     |
| S 23 | 10 9  | 13 46 | 4 49 | 17 23  | 1 59 | 6 55 | 6 47 | 12 19 | 1 4   | 23 7   | 0 19 | 8 22 | 2 40 | 9 16 | 0 37 | 18 35 | 1 42 | 20 10 | 13 29 | 23 21 | 23 23 | 19 16 | 14 44 | 6 35 |     |
| M24  | 9 47  | 17 56 | 4 20 | 16 55  | 2 2  | 7 4  | 6 58 | 12 2  | 1 4   | 23 7   | 0 19 | 8 21 | 2 40 | 9 16 | 0 37 | 18 35 | 1 42 | 20 10 | 13 29 | 23 21 | 23 24 | 19 14 | 14 43 | 6 35 |     |
| T 25 | 9 25  | 21 17 | 3 37 | 16 26  | 2 4  | 7 11 | 7 8  | 11 45 | 1 4   | 23 7   | 0 19 | 8 20 | 2 40 | 9 15 | 0 37 | 18 35 | 1 42 | 20 9  | 13 29 | 23 22 | 23 24 | 19 12 | 14 42 | 6 35 |     |
| W26  | 9 2   | 23 32 | 2 40 | 15 55  | 2 6  | 7 17 | 7 19 | 11 28 | 1 3   | 23 7   | 0 19 | 8 19 | 2 40 | 9 15 | 0 37 | 18 35 | 1 42 | 20 8  | 13 29 | 23 22 | 23 24 | 19 10 | 14 41 | 6 36 |     |
| T 27 | 8 40  | 24 26 | 1 33 | 15 23  | 2 7  | 7 21 | 7 29 | 11 11 | 1 3   | 23 6   | 0 19 | 8 18 | 2 41 | 9 14 | 0 37 | 18 35 | 1 42 | 20 8  | 13 29 | 23 22 | 23 24 | 19 8  | 14 40 | 6 36 |     |
| F 28 | 8s17  | 23n47 | 0n20 | 14s50  | 2s 8 | 7n24 | 7n38 | 10s53 | 1s 3  | 23s 6  | 0n19 | 8s17 | 2n41 | 9s14 | 0n37 | 18s35 | 1n42 | 20s 7 | 13s29 | 23s22 | 23s24 | 19s 6 | 14s39 | 6n36 |     |

Julian Day Number = 2380718.5, Delta T = 15.91 sec

Ecliptic obliquity = 23°27'53, Nutation = 0°00'19, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 22°01'58, Lahiri = 21°08'58

ASTRODIENST EPHEMERIS for the year 1806  
geocentric

MARCH 1806

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♂      | ♀     | ♂     | ♂    | ♂      | ♂      | ♂     | ♂     | ♂     | ♂    | ♂     | ♂     | Day  |
|------|----------|----------|-------|--------|-------|-------|------|--------|--------|-------|-------|-------|------|-------|-------|------|
| S 1  | 10 32 27 | 9♂46'23  | 15♂59 | 27♂49  | 0°R44 | 5♂11  | 3♂45 | 28°R 1 | 25°R17 | 0♂19  | 10♂25 | 5°R14 | 4♂ 6 | 26♂ 2 | 25♂ 6 | S 1  |
| S 2  | 10 36 23 | 10°46'30 | 0♂39  | 29°32  | 0°Y25 | 5°58  | 3°54 | 27♂59  | 25♂15  | 0°19  | 10°26 | 5♂12  | 4° 3 | 26° 9 | 25°10 | S 2  |
| M 3  | 10 40 20 | 11°46'35 | 15°30 | 1♂16   | 0° 4  | 6°46  | 4° 3 | 27°56  | 25°14  | 0°R19 | 10°28 | 5° 7  | 4° 0 | 26°16 | 25°14 | M 3  |
| T 4  | 10 44 17 | 12°46'39 | 0♂24  | 3° 1   | 29♂40 | 7°33  | 4°12 | 27°54  | 25°12  | 0°19  | 10°29 | 4°59  | 3°57 | 26°22 | 25°18 | T 4  |
| W 5  | 10 48 13 | 13°46'40 | 15°14 | 4°48   | 29°14 | 8°20  | 4°20 | 27°51  | 25°10  | 0°19  | 10°31 | 4°50  | 3°54 | 26°29 | 25°22 | W 5  |
| T 6  | 10 52 10 | 14°46'39 | 29°50 | 6°35   | 28°46 | 9° 7  | 4°29 | 27°48  | 25° 9  | 0°19  | 10°33 | 4°39  | 3°50 | 26°36 | 25°26 | T 6  |
| F 7  | 10 56 6  | 15°46'36 | 14♂ 5 | 8°24   | 28°16 | 9°55  | 4°37 | 27°46  | 25° 7  | 0°19  | 10°34 | 4°28  | 3°47 | 26°42 | 25°30 | F 7  |
| S 8  | 11 0 3   | 16°46'32 | 27°55 | 10°13  | 27°44 | 10°42 | 4°45 | 27°43  | 25° 5  | 0°19  | 10°36 | 4°18  | 3°44 | 26°49 | 25°34 | S 8  |
| S 9  | 11 3 59  | 17°46'26 | 11♂17 | 12° 4  | 27°11 | 11°29 | 4°53 | 27°40  | 25° 3  | 0°19  | 10°37 | 4°11  | 3°41 | 26°55 | 25°38 | S 9  |
| M10  | 11 7 56  | 18°46'18 | 24°12 | 13°56  | 26°37 | 12°16 | 5° 1 | 27°37  | 25° 1  | 0°19  | 10°39 | 4° 6  | 3°38 | 27° 2 | 25°42 | M10  |
| T 11 | 11 11 52 | 19°46'09 | 6♂44  | 15°49  | 26° 1 | 13° 3 | 5° 9 | 27°34  | 24°59  | 0°18  | 10°41 | 4° 3  | 3°34 | 27° 9 | 25°46 | T 11 |
| W12  | 11 15 49 | 20°45'58 | 18°56 | 17°43  | 25°25 | 13°51 | 5°17 | 27°31  | 24°57  | 0°18  | 10°42 | 4°D 3 | 3°31 | 27°15 | 25°50 | W12  |
| T 13 | 11 19 45 | 21°45'45 | 0♂54  | 19°38  | 24°48 | 14°38 | 5°24 | 27°28  | 24°55  | 0°18  | 10°44 | 4°R 3 | 3°28 | 27°22 | 25°53 | T 13 |
| F 14 | 11 23 42 | 22°45'31 | 12°44 | 21°35  | 24°10 | 15°25 | 5°32 | 27°24  | 24°53  | 0°17  | 10°45 | 4° 3  | 3°25 | 27°29 | 25°57 | F 14 |
| S 15 | 11 27 39 | 23°45'15 | 24°31 | 23°32  | 23°32 | 16°12 | 5°39 | 27°21  | 24°51  | 0°17  | 10°47 | 4° 1  | 3°22 | 27°35 | 26° 1 | S 15 |
| S 16 | 11 31 35 | 24°44'57 | 6♂19  | 25°30  | 22°55 | 16°59 | 5°46 | 27°18  | 24°49  | 0°17  | 10°49 | 3°57  | 3°19 | 27°42 | 26° 4 | S 16 |
| M17  | 11 35 32 | 25°44'37 | 18°14 | 27°29  | 22°17 | 17°46 | 5°53 | 27°14  | 24°47  | 0°16  | 10°50 | 3°50  | 3°15 | 27°49 | 26° 8 | M17  |
| T 18 | 11 39 28 | 26°44'15 | 0♂19  | 29°29  | 21°41 | 18°33 | 6° 0 | 27°10  | 24°45  | 0°16  | 10°52 | 3°41  | 3°12 | 27°55 | 26°11 | T 18 |
| W19  | 11 43 25 | 27°43'51 | 12°35 | 1°Y29  | 21° 5 | 19°20 | 6° 6 | 27° 7  | 24°43  | 0°15  | 10°53 | 3°29  | 3° 9 | 28° 2 | 26°14 | W19  |
| T 20 | 11 47 21 | 28°43'26 | 25° 4 | 3°30   | 20°30 | 20° 7 | 6°13 | 27° 3  | 24°41  | 0°15  | 10°55 | 3°15  | 3° 6 | 28° 9 | 26°18 | T 20 |
| F 21 | 11 51 18 | 29°42'58 | 7°Y47 | 5°31   | 19°56 | 20°54 | 6°19 | 26°59  | 24°39  | 0°14  | 10°56 | 3° 1  | 3° 3 | 28°15 | 26°21 | F 21 |
| S 22 | 11 55 14 | 0°Y42'28 | 20°43 | 7°32   | 19°24 | 21°41 | 6°25 | 26°55  | 24°36  | 0°13  | 10°58 | 2°49  | 3° 0 | 28°22 | 26°24 | S 22 |
| S 23 | 11 59 11 | 1°41'57  | 3♂50  | 9°33   | 18°54 | 22°28 | 6°31 | 26°52  | 24°34  | 0°13  | 10°59 | 2°38  | 2°56 | 28°29 | 26°27 | S 23 |
| M24  | 12 3 8   | 2°41'23  | 17° 9 | 11°34  | 18°25 | 23°15 | 6°37 | 26°48  | 24°32  | 0°12  | 11° 1 | 2°29  | 2°53 | 28°35 | 26°30 | M24  |
| T 25 | 12 7 4   | 3°40'46  | 0♂18  | 13°34  | 17°59 | 24° 2 | 6°43 | 26°44  | 24°29  | 0°11  | 11° 3 | 2°24  | 2°50 | 28°42 | 26°33 | T 25 |
| W26  | 12 11 1  | 4°40'08  | 14°16 | 15°32  | 17°34 | 24°49 | 6°49 | 26°40  | 24°27  | 0°11  | 11° 4 | 2°22  | 2°47 | 28°49 | 26°36 | W26  |
| T 27 | 12 14 57 | 5°39'27  | 28° 6 | 17°29  | 17°12 | 25°36 | 6°54 | 26°35  | 24°25  | 0°10  | 11° 6 | 2°21  | 2°44 | 28°55 | 26°39 | T 27 |
| F 28 | 12 18 54 | 6°38'44  | 12♂ 5 | 19°25  | 16°51 | 26°22 | 6°59 | 26°31  | 24°22  | 0° 9  | 11° 7 | 2°21  | 2°40 | 29° 2 | 26°42 | F 28 |
| S 29 | 12 22 50 | 7°37'59  | 26°15 | 21°18  | 16°34 | 27° 9 | 7° 4 | 26°27  | 24°20  | 0° 8  | 11° 8 | 2°20  | 2°37 | 29° 9 | 26°44 | S 29 |
| S 30 | 12 26 47 | 8°37'11  | 10♂35 | 23° 8  | 16°18 | 27°56 | 7° 9 | 26°23  | 24°17  | 0° 8  | 11°10 | 2°17  | 2°34 | 29°15 | 26°47 | S 30 |
| M31  | 12 30 43 | 9°Y36'20 | 25♂ 1 | 24°Y55 | 16♂ 5 | 28♂42 | 7♂14 | 26♂19  | 24♂15  | 0♂ 7  | 11♂11 | 2♂12  | 2♂31 | 29♂22 | 26♂50 | M31  |

| Day  | ☉    | ☽     | ♂    | ♀     | ♂    | ♂    | ♂    | ♂     | ♂    | ♂     | ♂    | ♂    | ♂    | ♂    | ♂    | ♂     |
|------|------|-------|------|-------|------|------|------|-------|------|-------|------|------|------|------|------|-------|
|      | decl | decl  | lat  | decl  | lat  | decl | lat  | decl  | lat  | decl  | lat  | decl | lat  | decl | lat  | decl  |
| S 1  | 7s55 | 21n34 | 0s57 | 14s16 | 2s 9 | 7n26 | 7n47 | 10s36 | 1s 3 | 23s 6 | 0n19 | 8s16 | 2n41 | 9s13 | 0n37 | 18s35 |
| S 2  | 7 32 | 17 54 | 2 11 | 13 40 | 2 9  | 7 26 | 7 56 | 10 18 | 1 3  | 23 6  | 0 19 | 8 15 | 2 41 | 9 12 | 0 37 | 18 34 |
| M 3  | 7 9  | 13 4  | 3 17 | 13 3  | 2 9  | 7 25 | 8 4  | 10 1  | 1 3  | 23 6  | 0 19 | 8 14 | 2 41 | 9 12 | 0 37 | 18 34 |
| T 4  | 6 46 | 7 27  | 4 10 | 12 24 | 2 9  | 7 22 | 8 11 | 9 43  | 1 2  | 23 5  | 0 19 | 8 13 | 2 42 | 9 11 | 0 37 | 18 34 |
| W 5  | 6 23 | 1 27  | 4 45 | 11 44 | 2 8  | 7 18 | 8 18 | 9 25  | 1 2  | 23 5  | 0 19 | 8 12 | 2 42 | 9 11 | 0 37 | 18 34 |
| T 6  | 6 0  | 4s32  | 5 1  | 11 3  | 2 6  | 7 13 | 8 24 | 9 7   | 1 2  | 23 5  | 0 18 | 8 11 | 2 42 | 9 10 | 0 37 | 18 34 |
| F 7  | 5 37 | 10 8  | 4 58 | 10 21 | 2 4  | 7 6  | 8 29 | 8 49  | 1 2  | 23 5  | 0 18 | 8 10 | 2 42 | 9 9  | 0 37 | 18 34 |
| S 8  | 5 14 | 15 3  | 4 37 | 9 37  | 2 1  | 6 57 | 8 34 | 8 31  | 1 2  | 23 4  | 0 18 | 8 9  | 2 42 | 9 9  | 0 37 | 18 34 |
| S 9  | 4 50 | 19 4  | 4 2  | 8 52  | 1 58 | 6 47 | 8 37 | 8 13  | 1 1  | 23 4  | 0 18 | 8 7  | 2 43 | 9 8  | 0 37 | 18 34 |
| M10  | 4 27 | 21 59 | 3 15 | 8 6   | 1 55 | 6 36 | 8 40 | 7 54  | 1 1  | 23 4  | 0 18 | 8 6  | 2 43 | 9 7  | 0 37 | 18 34 |
| T 11 | 4 3  | 23 45 | 2 20 | 7 18  | 1 51 | 6 24 | 8 42 | 7 36  | 1 1  | 23 4  | 0 18 | 8 5  | 2 43 | 9 7  | 0 37 | 18 34 |
| W12  | 3 40 | 24 19 | 1 19 | 6 29  | 1 46 | 6 10 | 8 42 | 7 18  | 1 1  | 23 3  | 0 18 | 8 4  | 2 43 | 9 6  | 0 37 | 18 34 |
| T 13 | 3 16 | 23 44 | 0 17 | 5 39  | 1 41 | 5 55 | 8 42 | 6 59  | 1 0  | 23 3  | 0 18 | 8 2  | 2 43 | 9 5  | 0 37 | 18 34 |
| F 14 | 2 53 | 22 6  | 0n46 | 4 48  | 1 36 | 5 39 | 8 41 | 6 41  | 1 0  | 23 3  | 0 18 | 8 1  | 2 44 | 9 4  | 0 37 | 18 33 |
| S 15 | 2 29 | 19 30 | 1 46 | 3 56  | 1 29 | 5 22 | 8 39 | 6 22  | 1 0  | 23 3  | 0 18 | 8 0  | 2 44 | 9 4  | 0 37 | 18 33 |
| S 16 | 2 5  | 16 6  | 2 42 | 3 3   | 1 23 | 5 5  | 8 36 | 6 4   | 1 0  | 23 2  | 0 18 | 7 58 | 2 44 | 9 3  | 0 37 | 18 33 |
| M17  | 1 42 | 12 2  | 3 31 | 2 9   | 1 15 | 4 47 | 8 32 | 5 45  | 0 59 | 23 2  | 0 18 | 7 57 | 2 44 | 9 2  | 0 37 | 18 33 |
| T 18 | 1 18 | 7 27  | 4 11 | 1 14  | 1 8  | 4 28 | 8 27 | 5 26  | 0 59 | 23 2  | 0 18 | 7 55 | 2 44 | 9 1  | 0 37 | 18 33 |
| W19  | 0 54 | 2 31  | 4 41 | 0 19  | 0 59 | 4 8  | 8 21 | 5 8   | 0 59 | 23 2  | 0 18 | 7 54 | 2 44 | 9 0  | 0 37 | 18 33 |
| T 20 | 0 30 | 2n35  | 4 57 | 0n38  | 0 50 | 3 49 | 8 15 | 4 49  | 0 59 | 23 1  | 0 18 | 7 52 | 2 45 | 9 0  | 0 37 | 18 33 |
| F 21 | 0 7  | 7 40  | 4 59 | 1 34  | 0 41 | 3 29 | 8 7  | 4 30  | 0 58 | 23 1  | 0 18 | 7 51 | 2 45 | 8 59 | 0 37 | 18 32 |
| S 22 | 0n17 | 12 30 | 4 46 | 2 31  | 0 31 | 3 9  | 7 59 | 4 11  | 0 58 | 23 1  | 0 18 | 7 49 | 2 45 | 8 58 | 0 37 | 18 32 |
| S 23 | 0 41 | 16 50 | 4 17 | 3 28  | 0 21 | 2 49 | 7 50 | 3 52  | 0 58 | 23 1  | 0 18 | 7 48 | 2 45 | 8 57 | 0 37 | 18 32 |
| M24  | 1 4  | 20 24 | 3 35 | 4 26  | 0 10 | 2 29 | 7 40 | 3 34  | 0 57 | 23 0  | 0 17 | 7 46 | 2 45 | 8 56 | 0 37 | 18 32 |
| T 25 | 1 28 | 22 54 | 2 39 | 5 23  | 0n 1 | 2 9  | 7 30 | 3 15  | 0 57 | 23 0  | 0 17 | 7 45 | 2 45 | 8 55 | 0 37 | 18 32 |
| W26  | 1 51 | 24 6  | 1 34 | 6 19  | 0 13 | 1 50 | 7 19 | 2 56  | 0 57 | 23 0  | 0 17 | 7 43 | 2 45 | 8 54 | 0 37 | 18 31 |
| T 27 | 2 15 | 23 50 | 0 23 | 7 15  | 0 24 | 1 31 | 7 8  | 2 37  | 0 56 | 23 0  | 0 17 | 7 42 | 2 45 | 8 54 | 0 37 | 18 31 |
| F 28 | 2 38 | 22 4  | 0s51 | 8 10  | 0 36 | 1 12 | 6 57 | 2 18  | 0 56 | 23 0  | 0 17 | 7 40 | 2 46 | 8 53 | 0 37 | 18 31 |
| S 29 | 3 2  | 18 55 | 2 3  | 9 3   | 0 48 | 0 54 | 6 45 | 1 59  | 0 56 | 22 59 | 0 17 | 7 38 | 2 46 | 8 52 | 0 37 | 18 31 |
| S 30 | 3 25 | 14 36 | 3 7  | 9 55  | 1 0  | 0 37 | 6 32 | 1 40  | 0 55 | 22 59 | 0 17 | 7 37 | 2 46 | 8 51 | 0 37 | 18 31 |
| M31  | 3n49 | 9n25  | 4s 0 | 10n46 | 1n11 | 0n21 | 6n20 | 1s21  | 0s55 | 22s59 | 0n17 | 7s35 | 2n46 | 8s50 | 0n37 | 18s30 |

Julian Day Number = 2380746.5, Delta T = 15.88 sec  
Ecliptic obliquity = 23°27'53, Nutation = 0°00'18, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 22°02'02, Lahiri = 21°09'02

ASTRODIENST EPHEMERIS for the year 1806  
geocentric

APRIL 1806

00:00 UT

| Day  | Sid.t    | ☉        | ☽        | ♂        | ♀        | ♂        | ♂       | ♂        | ♂        | ♂        | ♂        | ♂        | ♂       | ♂        | ♂        | Day  |
|------|----------|----------|----------|----------|----------|----------|---------|----------|----------|----------|----------|----------|---------|----------|----------|------|
| T 1  | 12 34 40 | 10°35'28 | 9°30'30  | 26°39'39 | 15°R55   | 29°39'29 | 7°31'19 | 26°R14   | 24°R13   | 0°R 6    | 11°31'13 | 2°R 4    | 2°38'28 | 29°38'29 | 26°35'52 | T 1  |
| W 2  | 12 38 37 | 11°34'33 | 23°55'55 | 28°19'19 | 15°34'47 | 0°31'16  | 7°23'23 | 26°31'10 | 24°31'10 | 0°31'5   | 11°14'14 | 1°35'54  | 2°25'25 | 29°35'35 | 26°54'54 | W 2  |
| T 3  | 12 42 33 | 12°33'36 | 8°11'11  | 29°55'55 | 15°41'41 | 1°2'2    | 7°27'27 | 26°6'6   | 24°8'8   | 0°4'4    | 11°16'16 | 1°42'42  | 2°21'21 | 29°42'42 | 26°57'57 | T 3  |
| F 4  | 12 46 30 | 13°32'37 | 22°11'11 | 1°32'27  | 15°38'38 | 1°49'49  | 7°31'31 | 26°1'1   | 24°5'5   | 0°3'3    | 11°17'17 | 1°30'30  | 2°18'18 | 29°49'49 | 26°59'59 | F 4  |
| S 5  | 12 50 26 | 14°31'36 | 5°31'51  | 2°53'53  | 15°D37   | 2°35'35  | 7°35'35 | 25°57'57 | 24°3'3   | 0°2'2    | 11°19'19 | 1°20'20  | 2°15'15 | 29°55'55 | 27°1'1   | S 5  |
| S 6  | 12 54 23 | 15°30'33 | 19°8'8   | 4°15'15  | 15°39'39 | 3°22'22  | 7°39'39 | 25°52'52 | 24°0'0   | 0°1'1    | 11°20'20 | 1°11'11  | 2°12'12 | 0°32'2   | 27°3'3   | S 6  |
| M 7  | 12 58 19 | 16°29'28 | 2°32'2   | 5°31'31  | 15°43'43 | 4°8'8    | 7°43'43 | 25°48'48 | 23°57'57 | 29°31'59 | 11°21'21 | 1°5'5    | 2°9'9   | 0°9'9    | 27°6'6   | M 7  |
| T 8  | 13 2 16  | 17°28'22 | 14°34'34 | 6°42'42  | 15°49'49 | 4°55'55  | 7°46'46 | 25°43'43 | 23°55'55 | 29°59'59 | 11°23'23 | 1°2'2    | 2°6'6   | 0°15'15  | 27°8'8   | T 8  |
| W 9  | 13 6 12  | 18°27'13 | 26°49'49 | 7°47'47  | 15°58'58 | 5°41'41  | 7°49'49 | 25°39'39 | 23°52'52 | 29°58'58 | 11°24'24 | 1°D 1    | 2°2'2   | 0°22'22  | 27°10'10 | W 9  |
| T 10 | 13 10 9  | 19°26'03 | 8°34'49  | 8°46'46  | 16°8'8   | 6°27'27  | 7°52'52 | 25°34'34 | 23°50'50 | 29°57'57 | 11°25'25 | 1°1'1    | 1°59'59 | 0°29'29  | 27°11'11 | T 10 |
| F 11 | 13 14 6  | 20°24'52 | 20°41'41 | 9°40'40  | 16°21'21 | 7°14'14  | 7°55'55 | 25°30'30 | 23°47'47 | 29°55'55 | 11°27'27 | 1°R 1    | 1°56'56 | 0°35'35  | 27°13'13 | F 11 |
| S 12 | 13 18 2  | 21°23'38 | 2°33'30  | 10°27'27 | 16°36'36 | 8°0'0    | 7°58'58 | 25°25'25 | 23°45'45 | 29°54'54 | 11°28'28 | 1°1'1    | 1°53'53 | 0°42'42  | 27°15'15 | S 12 |
| S 13 | 13 21 59 | 22°22'23 | 14°21'21 | 11°8'8   | 16°53'53 | 8°46'46  | 8°0'0   | 25°21'21 | 23°42'42 | 29°53'53 | 11°29'29 | 0°58'58  | 1°50'50 | 0°49'49  | 27°17'17 | S 13 |
| M14  | 13 25 55 | 23°21'06 | 26°19'19 | 11°43'43 | 17°12'12 | 9°32'32  | 8°3'3   | 25°16'16 | 23°40'40 | 29°52'52 | 11°31'31 | 0°54'54  | 1°46'46 | 0°55'55  | 27°18'18 | M14  |
| T 15 | 13 29 52 | 24°19'47 | 8°32'29  | 12°12'12 | 17°33'33 | 10°18'18 | 8°5'5   | 25°11'11 | 23°37'37 | 29°51'51 | 11°32'32 | 0°46'46  | 1°43'43 | 1°2'2    | 27°20'20 | T 15 |
| W16  | 13 33 48 | 25°18'26 | 20°53'53 | 12°35'35 | 17°55'55 | 11°5'5   | 8°7'7   | 25°7'7   | 23°34'34 | 29°49'49 | 11°33'33 | 0°37'37  | 1°40'40 | 1°9'9    | 27°21'21 | W16  |
| T 17 | 13 37 45 | 26°17'04 | 3°31'35  | 12°51'51 | 18°19'19 | 11°51'51 | 8°8'8   | 25°2'2   | 23°32'32 | 29°48'48 | 11°34'34 | 0°26'26  | 1°37'37 | 1°15'15  | 27°22'22 | T 17 |
| F 18 | 13 41 41 | 27°15'40 | 16°34'34 | 13°1'1   | 18°45'45 | 12°37'37 | 8°10'10 | 24°58'58 | 23°29'29 | 29°47'47 | 11°35'35 | 0°15'15  | 1°34'34 | 1°22'22  | 27°24'24 | F 18 |
| S 19 | 13 45 38 | 28°14'13 | 29°49'49 | 13°R 6   | 19°13'13 | 13°23'23 | 8°11'11 | 24°53'53 | 23°27'27 | 29°46'46 | 11°37'37 | 0°4'4    | 1°31'31 | 1°29'29  | 27°25'25 | S 19 |
| S 20 | 13 49 34 | 29°12'46 | 13°32'20 | 13°4'4   | 19°42'42 | 14°9'9   | 8°12'12 | 24°48'48 | 23°24'24 | 29°44'44 | 11°38'38 | 29°31'56 | 1°27'27 | 1°35'35  | 27°26'26 | S 20 |
| M21  | 13 53 31 | 0°31'16  | 27°2'2   | 12°57'57 | 20°12'12 | 14°54'54 | 8°13'13 | 24°44'44 | 23°22'22 | 29°43'43 | 11°39'39 | 29°49'49 | 1°24'24 | 1°42'42  | 27°27'27 | M21  |
| T 22 | 13 57 28 | 1°9'44   | 10°31'54 | 12°44'44 | 20°44'44 | 15°40'40 | 8°14'14 | 24°39'39 | 23°19'19 | 29°42'42 | 11°40'40 | 29°45'45 | 1°21'21 | 1°49'49  | 27°28'28 | T 22 |
| W23  | 14 1 24  | 2°8'10   | 24°53'53 | 12°27'27 | 21°18'18 | 16°26'26 | 8°15'15 | 24°35'35 | 23°17'17 | 29°40'40 | 11°41'41 | 29°D44   | 1°18'18 | 1°55'55  | 27°29'29 | W23  |
| T 24 | 14 5 21  | 3°6'34   | 8°31'57  | 12°4'4   | 21°52'52 | 17°12'12 | 8°15'15 | 24°30'30 | 23°14'14 | 29°39'39 | 11°42'42 | 29°44'44 | 1°15'15 | 2°2'2    | 27°30'30 | T 24 |
| F 25 | 14 9 17  | 4°4'56   | 23°4'4   | 11°38'38 | 22°28'28 | 17°58'58 | 8°16'16 | 24°26'26 | 23°12'12 | 29°37'37 | 11°43'43 | 29°45'45 | 1°11'11 | 2°9'9    | 27°31'31 | F 25 |
| S 26 | 14 13 14 | 5°3'16   | 7°31'12  | 11°8'8   | 23°5'5   | 18°43'43 | 8°R16   | 24°21'21 | 23°9'9   | 29°36'36 | 11°45'45 | 29°R45   | 1°8'8   | 2°15'15  | 27°31'31 | S 26 |
| S 27 | 14 17 10 | 6°1'33   | 21°21'21 | 10°35'35 | 23°44'44 | 19°29'29 | 8°16'16 | 24°17'17 | 23°7'7   | 29°35'35 | 11°46'46 | 29°44'44 | 1°5'5   | 2°22'22  | 27°32'32 | S 27 |
| M28  | 14 21 7  | 6°59'49  | 5°31'29  | 10°0'0   | 24°23'23 | 20°14'14 | 8°15'15 | 24°12'12 | 23°4'4   | 29°33'33 | 11°47'47 | 29°41'41 | 1°2'2   | 2°29'29  | 27°32'32 | M28  |
| T 29 | 14 25 3  | 7°58'02  | 19°33'33 | 9°22'22  | 25°4'4   | 21°0'0   | 8°15'15 | 24°8'8   | 23°2'2   | 29°32'32 | 11°48'48 | 29°36'36 | 0°59'59 | 2°35'35  | 27°33'33 | T 29 |
| W30  | 14 29 0  | 8°56'13  | 3°31'32  | 8°34'44  | 25°34'45 | 21°34'45 | 8°31'31 | 24°3'3   | 22°31'59 | 29°31'30 | 11°49'49 | 29°31'29 | 0°56'56 | 2°34'34  | 27°33'33 | W30  |

| Day  | ☉     | ☾     |      | ♂     |      | ♀    |      | ♂    |      | ♂     |      | ♂    |      | ♂    |      | ♂     |      | ♂     |       | ♂     |       | ♂     |       | ♂    |     |
|------|-------|-------|------|-------|------|------|------|------|------|-------|------|------|------|------|------|-------|------|-------|-------|-------|-------|-------|-------|------|-----|
|      | decl  | decl  | lat  | decl  | lat  | decl | lat  | decl | lat  | decl  | lat  | decl | lat  | decl | lat  | decl  | lat  | decl  | lat   | decl  | lat   | decl  | lat   | decl | lat |
| T 1  | 4n12  | 3n43  | 4s38 | 11n35 | 1n23 | 0n 5 | 6n 7 | 1s 2 | 0s55 | 22s59 | 0n17 | 7s34 | 2n46 | 8s49 | 0n37 | 18s30 | 1n44 | 19s51 | 13s33 | 23s27 | 23s27 | 17s59 | 14s 5 | 6n50 |     |
| W 2  | 4 35  | 2s 8  | 4 58 | 12 21 | 1 34 | 0s10 | 5 54 | 0 44 | 0 54 | 22 59 | 0 17 | 7 32 | 2 46 | 8 48 | 0 37 | 18 30 | 1 44 | 19 50 | 13 33 | 23 27 | 23 27 | 17 57 | 14 4  | 6 51 |     |
| T 3  | 4 58  | 7 49  | 4 59 | 13 6  | 1 45 | 0 24 | 5 41 | 0 25 | 0 54 | 22 58 | 0 17 | 7 30 | 2 46 | 8 47 | 0 37 | 18 30 | 1 44 | 19 50 | 13 33 | 23 27 | 23 27 | 17 55 | 14 3  | 6 52 |     |
| F 4  | 5 21  | 13 0  | 4 42 | 13 48 | 1 56 | 0 37 | 5 28 | 0 6  | 0 53 | 22 58 | 0 17 | 7 29 | 2 46 | 8 46 | 0 37 | 18 29 | 1 44 | 19 50 | 13 33 | 23 27 | 23 27 | 17 53 | 14 2  | 6 52 |     |
| S 5  | 5 44  | 17 23 | 4 9  | 14 27 | 2 6  | 0 50 | 5 15 | 0n13 | 0 53 | 22 58 | 0 17 | 7 27 | 2 46 | 8 45 | 0 37 | 18 29 | 1 44 | 19 49 | 13 33 | 23 27 | 23 27 | 17 51 | 14 2  | 6 53 |     |
| S 6  | 6 7   | 20 46 | 3 23 | 15 4  | 2 15 | 1 1  | 5 2  | 0 32 | 0 53 | 22 58 | 0 17 | 7 25 | 2 46 | 8 45 | 0 37 | 18 29 | 1 44 | 19 49 | 13 34 | 23 28 | 23 27 | 17 49 | 14 1  | 6 53 |     |
| M 7  | 6 29  | 23 0  | 2 27 | 15 38 | 2 24 | 1 11 | 4 49 | 0 51 | 0 52 | 22 58 | 0 17 | 7 24 | 2 46 | 8 44 | 0 37 | 18 29 | 1 44 | 19 49 | 13 34 | 23 28 | 23 27 | 17 47 | 14 0  | 6 54 |     |
| T 8  | 6 52  | 24 0  | 1 26 | 16 9  | 2 32 | 1 21 | 4 37 | 1 10 | 0 52 | 22 58 | 0 17 | 7 22 | 2 46 | 8 43 | 0 37 | 18 28 | 1 44 | 19 48 | 13 34 | 23 28 | 23 27 | 17 44 | 13 59 | 6 54 |     |
| W 9  | 7 14  | 23 48 | 0 22 | 16 38 | 2 39 | 1 29 | 4 24 | 1 28 | 0 51 | 22 58 | 0 17 | 7 20 | 2 46 | 8 42 | 0 37 | 18 28 | 1 44 | 19 48 | 13 34 | 23 28 | 23 27 | 17 42 | 13 58 | 6 55 |     |
| T 10 | 7 37  | 22 29 | 0n41 | 17 3  | 2 45 | 1 37 | 4 11 | 1 47 | 0 51 | 22 57 | 0 16 | 7 19 | 2 47 | 8 41 | 0 37 | 18 28 | 1 44 | 19 48 | 13 34 | 23 28 | 23 27 | 17 40 | 13 57 | 6 55 |     |
| F 11 | 7 59  | 20 11 | 1 43 | 17 25 | 2 51 | 1 44 | 3 58 | 2 6  | 0 51 | 22 57 | 0 16 | 7 17 | 2 47 | 8 40 | 0 37 | 18 28 | 1 44 | 19 47 | 13 35 | 23 28 | 23 27 | 17 38 | 13 56 | 6 56 |     |
| S 12 | 8 21  | 17 2  | 2 39 | 17 44 | 2 55 | 1 49 | 3 46 | 2 24 | 0 50 | 22 57 | 0 16 | 7 15 | 2 47 | 8 39 | 0 37 | 18 27 | 1 44 | 19 47 | 13 35 | 23 28 | 23 27 | 17 36 | 13 55 | 6 56 |     |
| S 13 | 8 43  | 13 12 | 3 29 | 18 0  | 2 58 | 1 54 | 3 34 | 2 43 | 0 50 | 22 57 | 0 16 | 7 14 | 2 47 | 8 38 | 0 37 | 18 27 | 1 44 | 19 47 | 13 35 | 23 28 | 23 27 | 17 34 | 13 54 | 6 57 |     |
| M14  | 9 5   | 8 50  | 4 10 | 18 13 | 3 0  | 1 58 | 3 22 | 3 2  | 0 49 | 22 57 | 0 16 | 7 12 | 2 47 | 8 37 | 0 37 | 18 27 | 1 44 | 19 46 | 13 35 | 23 28 | 23 27 | 17 31 | 13 54 | 6 57 |     |
| T 15 | 9 27  | 4 3   | 4 41 | 18 23 | 3 1  | 2 1  | 3 10 | 3 20 | 0 49 | 22 57 | 0 16 | 7 10 | 2 47 | 8 36 | 0 37 | 18 27 | 1 44 | 19 46 | 13 36 | 23 28 | 23 27 | 17 29 | 13 53 | 6 58 |     |
| W16  | 9 48  | 0n58  | 4 59 | 18 29 | 3 0  | 2 3  | 2 58 | 3 39 | 0 48 | 22 57 | 0 16 | 7 9  | 2 47 | 8 35 | 0 37 | 18 26 | 1 44 | 19 46 | 13 36 | 23 28 | 23 27 | 17 27 | 13 52 | 6 58 |     |
| T 17 | 10 9  | 6 3   | 5 3  | 18 33 | 2 58 | 2 4  | 2 46 | 3 57 | 0 48 | 22 57 | 0 16 | 7 7  | 2 47 | 8 34 | 0 37 | 18 26 | 1 44 | 19 46 | 13 36 | 23 28 | 23 27 | 17 25 | 13 51 | 6 59 |     |
| F 18 | 10 31 | 11 0  | 4 51 | 18 33 | 2 55 | 2 4  | 2 35 | 4 15 | 0 48 | 22 57 | 0 16 | 7 5  | 2 47 | 8 33 | 0 37 | 18 26 | 1 44 | 19 45 | 13 36 | 23 28 | 23 27 | 17 23 | 13 50 | 7 0  |     |
| S 19 | 10 52 | 15 32 | 4 24 | 18 30 | 2 51 | 2 4  | 2 24 | 4 34 | 0 47 | 22 57 | 0 16 | 7 4  | 2 47 | 8 32 | 0 37 | 18 25 | 1 44 | 19 45 | 13 37 | 23 28 | 23 27 | 17 20 | 13 50 | 7 0  |     |
| S 20 | 11 12 | 19 22 | 3 41 | 18 24 | 2 45 | 2 3  | 2 13 | 4 52 | 0 47 | 22 57 | 0 16 | 7 2  | 2 47 | 8 31 | 0 37 | 18 25 | 1 44 | 19 45 | 13 37 | 23 28 | 23 27 | 17 18 | 13 49 | 7 1  |     |
| M21  | 11 33 | 22 12 | 2 45 | 18 15 | 2 38 | 2 0  | 2 2  | 5 10 | 0 46 | 22 57 | 0 16 | 7 0  | 2 47 | 8 30 | 0 37 | 18 25 | 1 44 | 19 45 | 13 37 | 23 28 | 23 27 | 17 16 | 13 48 | 7 1  |     |
| T 22 | 11 53 | 23 44 | 1 39 | 18 3  | 2 29 | 1 57 | 1 52 | 5 28 | 0 46 | 22 57 | 0 16 | 6 59 | 2 47 | 8 30 | 0 37 | 18 24 | 1 44 | 19 45 | 13 37 | 23 28 | 23 27 | 17 14 | 13 47 | 7 2  |     |
| W23  | 12 14 | 23 48 | 0 26 | 17 48 | 2 19 | 1 54 | 1 42 | 5 46 | 0 45 | 22 57 | 0 16 | 6 57 | 2 46 | 8 29 | 0 37 | 18 24 | 1 44 | 19 44 | 13 38 | 23 28 | 23 27 | 17 12 | 13 47 | 7 2  |     |
| T 24 | 12 34 | 22 21 | 0s49 | 17 30 | 2 8  | 1 49 | 1 32 | 6 4  | 0 45 | 22 57 | 0 15 | 6 55 | 2 46 | 8 28 | 0 37 | 18 24 | 1 44 | 19 44 | 13 38 | 23 28 | 23 28 | 17 9  | 13 46 | 7 3  |     |
| F 25 | 12 54 | 19 29 | 2 2  | 17 10 | 1 56 | 1 44 | 1 22 | 6 22 | 0 44 | 22 57 | 0 15 | 6 54 | 2 46 | 8 27 | 0 37 | 18 23 | 1 44 | 19 44 | 13 38 | 23 28 | 23 28 | 17 7  | 13 45 | 7 3  |     |
| S 26 | 13 13 | 15 28 | 3 7  | 16 48 | 1 42 | 1 38 | 1 13 | 6 40 | 0 44 | 22 57 | 0 15 | 6 52 | 2 46 | 8 26 | 0 37 | 18 23 | 1 44 | 19 44 | 13 39 | 23 28 | 23 28 | 17 5  | 13 45 | 7 4  |     |
| S 27 | 13 33 | 10 36 | 4 1  | 16 24 | 1 28 | 1 32 | 1 3  | 6 58 | 0 43 | 22 57 | 0 15 | 6 51 | 2 46 | 8 25 | 0 37 | 18 23 | 1 45 | 19 44 | 13 39 | 23 28 | 23 28 | 17 3  | 13 44 | 7 5  |     |
| M28  | 13 52 | 5 10  | 4 40 | 15 58 | 1 13 | 1 24 | 0 54 | 7 16 | 0 43 | 22 57 | 0 15 | 6 49 | 2 46 | 8 24 | 0 37 | 18 22 | 1 45 | 19 44 | 13 39 | 23 28 | 23 28 | 17 0  | 13 43 | 7 5  |     |
| T 29 | 14 11 | 0s30  | 5 2  | 15 31 | 0 56 | 1 16 | 0 45 | 7 33 | 0 42 | 22 57 | 0 15 | 6 48 | 2 46 | 8 23 | 0 37 | 18 22 | 1 45 | 19 43 | 13 40 | 23 28 | 23 28 | 16 58 | 13 43 | 7 6  |     |
| W30  | 14n30 | 6s 5  | 5s 6 | 15n 3 | 0n40 | 1s 8 | 0n37 | 7n51 | 0s42 | 22s58 | 0n15 | 6s46 | 2n46 | 8s22 | 0n37 | 18s22 | 1n45 | 19s43 | 13s40 | 23s28 | 23s28 | 16s56 | 13s42 | 7n 6 |     |

ASTRODIENST EPHEMERIS for the year 1806  
geocentric

MAY 1806

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♊     | ♋     | ♌     | ♍     | ♎      | ♏      | ♐      | ♑     | ♒      | ♓     | ♈    | ♉      | Day  |
|------|----------|----------|-------|-------|-------|-------|-------|--------|--------|--------|-------|--------|-------|------|--------|------|
| T 1  | 14 32 57 | 9♌54°23  | 17♊20 | 8°R 6 | 26♋28 | 22♌31 | 8°R13 | 23°R59 | 22°R57 | 29°R29 | 11♋50 | 29°R20 | 0♌52  | 2♊49 | 27♌33  | T 1  |
| F 2  | 14 36 53 | 10°52'30 | 0♌56  | 7♌27  | 27°11 | 23°16 | 8♌12  | 23♊55  | 22♊54  | 29♌27  | 11°51 | 29♌12  | 0°49  | 2°55 | 27°34  | F 2  |
| S 3  | 14 40 50 | 11°50'36 | 14°15 | 6°50  | 27°56 | 24° 2 | 8°11  | 23°51  | 22°52  | 29°26  | 11°52 | 29° 5  | 0°46  | 3° 2 | 27°34  | S 3  |
| S 4  | 14 44 46 | 12°48'41 | 27°17 | 6°14  | 28°41 | 24°47 | 8° 9  | 23°46  | 22°50  | 29°24  | 11°52 | 28°59  | 0°43  | 3° 9 | 27°R34 | S 4  |
| M 5  | 14 48 43 | 13°46'43 | 10♌1  | 5°41  | 29°27 | 25°32 | 8° 8  | 23°42  | 22°47  | 29°22  | 11°53 | 28°55  | 0°40  | 3°15 | 27°34  | M 5  |
| T 6  | 14 52 39 | 14°44'45 | 22°28 | 5°10  | 0♌14  | 26°17 | 8° 6  | 23°38  | 22°45  | 29°21  | 11°54 | 28°54  | 0°37  | 3°22 | 27°34  | T 6  |
| W 7  | 14 56 36 | 15°42'44 | 4♌39  | 4°43  | 1° 2  | 27° 2 | 8° 4  | 23°34  | 22°43  | 29°19  | 11°55 | 28°D54 | 0°33  | 3°29 | 27°34  | W 7  |
| T 8  | 15 0 32  | 16°40'43 | 16°39 | 4°19  | 1°51  | 27°48 | 8° 2  | 23°30  | 22°40  | 29°18  | 11°56 | 28°55  | 0°30  | 3°35 | 27°33  | T 8  |
| F 9  | 15 4 29  | 17°38'40 | 28°32 | 3°59  | 2°40  | 28°33 | 7°59  | 23°26  | 22°38  | 29°16  | 11°57 | 28°56  | 0°27  | 3°42 | 27°33  | F 9  |
| S 10 | 15 8 26  | 18°36'35 | 10♌22 | 3°43  | 3°30  | 29°18 | 7°57  | 23°22  | 22°36  | 29°15  | 11°58 | 28°58  | 0°24  | 3°49 | 27°33  | S 10 |
| S 11 | 15 12 22 | 19°34'30 | 22°14 | 3°32  | 4°21  | 0♌ 2  | 7°54  | 23°18  | 22°34  | 29°13  | 11°58 | 28°R58 | 0°21  | 3°55 | 27°32  | S 11 |
| M12  | 15 16 19 | 20°32'23 | 4♌14  | 3°25  | 5°12  | 0°47  | 7°51  | 23°14  | 22°31  | 29°11  | 11°59 | 28°57  | 0°17  | 4° 2 | 27°32  | M12  |
| T 13 | 15 20 15 | 21°30'15 | 16°26 | 3°D23 | 6° 4  | 1°32  | 7°48  | 23°10  | 22°29  | 29°10  | 12° 0 | 28°54  | 0°14  | 4° 9 | 27°31  | T 13 |
| W14  | 15 24 12 | 22°28'05 | 28°54 | 3°25  | 6°57  | 2°17  | 7°45  | 23° 7  | 22°27  | 29° 8  | 12° 0 | 28°50  | 0°11  | 4°15 | 27°30  | W14  |
| T 15 | 15 28 8  | 23°25'55 | 11♌42 | 3°32  | 7°50  | 3° 2  | 7°41  | 23° 3  | 22°25  | 29° 7  | 12° 1 | 28°45  | 0° 8  | 4°22 | 27°30  | T 15 |
| F 16 | 15 32 5  | 24°23'43 | 24°50 | 3°43  | 8°44  | 3°46  | 7°38  | 23° 0  | 22°23  | 29° 5  | 12° 2 | 28°39  | 0° 5  | 4°29 | 27°29  | F 16 |
| S 17 | 15 36 1  | 25°21'30 | 8♌20  | 3°59  | 9°38  | 4°31  | 7°34  | 22°56  | 22°21  | 29° 3  | 12° 2 | 28°34  | 0° 2  | 4°35 | 27°28  | S 17 |
| S 18 | 15 39 58 | 26°19'15 | 22°10 | 4°19  | 10°33 | 5°16  | 7°30  | 22°53  | 22°19  | 29° 2  | 12° 3 | 28°29  | 29♌58 | 4°42 | 27°27  | S 18 |
| M19  | 15 43 55 | 27°17'00 | 6♌15  | 4°44  | 11°28 | 6° 0  | 7°26  | 22°49  | 22°17  | 29° 0  | 12° 4 | 28°26  | 29°55 | 4°49 | 27°26  | M19  |
| T 20 | 15 47 51 | 28°14'43 | 20°33 | 5°13  | 12°24 | 6°45  | 7°22  | 22°46  | 22°15  | 28°59  | 12° 4 | 28°25  | 29°52 | 4°55 | 27°25  | T 20 |
| W21  | 15 51 48 | 29°12'24 | 4♌58  | 5°46  | 13°20 | 7°29  | 7°17  | 22°43  | 22°13  | 28°57  | 12° 5 | 28°D25 | 29°49 | 5° 2 | 27°24  | W21  |
| T 22 | 15 55 44 | 0♌10'05  | 19°25 | 6°23  | 14°17 | 8°14  | 7°13  | 22°39  | 22°11  | 28°55  | 12° 5 | 28°26  | 29°46 | 5° 9 | 27°22  | T 22 |
| F 23 | 15 59 41 | 1° 7'43  | 3♌50  | 7° 4  | 15°14 | 8°58  | 7° 8  | 22°36  | 22°10  | 28°54  | 12° 6 | 28°27  | 29°43 | 5°15 | 27°21  | F 23 |
| S 24 | 16 3 37  | 2° 5'20  | 18° 9 | 7°48  | 16°12 | 9°42  | 7° 3  | 22°33  | 22° 8  | 28°52  | 12° 6 | 28°28  | 29°39 | 5°22 | 27°20  | S 24 |
| S 25 | 16 7 34  | 3° 2'56  | 2♌19  | 8°36  | 17°10 | 10°26 | 6°58  | 22°30  | 22° 6  | 28°50  | 12° 7 | 28°R29 | 29°36 | 5°29 | 27°18  | S 25 |
| M26  | 16 11 30 | 4° 0'30  | 16°20 | 9°28  | 18° 8 | 11°10 | 6°53  | 22°28  | 22° 4  | 28°49  | 12° 7 | 28°28  | 29°33 | 5°35 | 27°17  | M26  |
| T 27 | 16 15 27 | 4°58'02  | 0♌ 9  | 10°23 | 19° 7 | 11°55 | 6°48  | 22°25  | 22° 3  | 28°47  | 12° 8 | 28°27  | 29°30 | 5°42 | 27°15  | T 27 |
| W28  | 16 19 24 | 5°55'34  | 13°46 | 11°22 | 20° 6 | 12°39 | 6°42  | 22°22  | 22° 1  | 28°46  | 12° 8 | 28°24  | 29°27 | 5°49 | 27°13  | W28  |
| T 29 | 16 23 20 | 6°53'04  | 27° 9 | 12°24 | 21° 5 | 13°23 | 6°36  | 22°19  | 22° 0  | 28°44  | 12° 8 | 28°21  | 29°23 | 5°55 | 27°12  | T 29 |
| F 30 | 16 27 17 | 7°50'32  | 10♌19 | 13°29 | 22° 5 | 14° 6 | 6°31  | 22°17  | 21°58  | 28°42  | 12° 9 | 28°18  | 29°20 | 6° 2 | 27°10  | F 30 |
| S 31 | 16 31 13 | 8♌48'00  | 23♌15 | 14♌37 | 23♌5  | 14♌50 | 6♌25  | 22♌14  | 21♌56  | 28♌41  | 12♌ 9 | 28♌16  | 29♌17 | 6♌ 9 | 27♌ 8  | 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 | lat |
| T 1  | 14n48 | 11s18 | 4s52 | 14n35 | 0n23 | 0s59 | 0n28 | 8n 8  | 0s41 | 22s58 | 0n15 | 6s45 | 2n46 | 8s21 | 0n37 | 18s21 | 1n45 | 19s43 | 13s40 | 23s28 | 23s28 | 16s54 | 13s42 | 7n 7 |      |     |
| F 2  | 15 6  | 15 53 | 4 21 | 14 6  | 0 5  | 0 49 | 0 20 | 8 25  | 0 41 | 22 58 | 0 15 | 6 43 | 2 46 | 8 21 | 0 37 | 18 21 | 1 45 | 19 43 | 13 40 | 23 28 | 23 28 | 16 52 | 13 41 | 7 7  |      |     |
| S 3  | 15 24 | 19 35 | 3 37 | 13 37 | 0s12 | 0 38 | 0 12 | 8 43  | 0 40 | 22 58 | 0 15 | 6 42 | 2 46 | 8 20 | 0 37 | 18 21 | 1 45 | 19 43 | 13 41 | 23 28 | 23 28 | 16 49 | 13 40 | 7 8  |      |     |
| S 4  | 15 42 | 22 12 | 2 42 | 13 9  | 0 29 | 0 27 | 0 4  | 9 0   | 0 40 | 22 58 | 0 15 | 6 40 | 2 46 | 8 19 | 0 37 | 18 20 | 1 45 | 19 43 | 13 41 | 23 28 | 23 28 | 16 47 | 13 40 | 7 8  |      |     |
| M 5  | 15 59 | 23 38 | 1 40 | 12 42 | 0 46 | 0 16 | 0s 3 | 9 17  | 0 39 | 22 58 | 0 15 | 6 39 | 2 46 | 8 18 | 0 37 | 18 20 | 1 45 | 19 43 | 13 41 | 23 28 | 23 28 | 16 45 | 13 39 | 7 9  |      |     |
| T 6  | 16 17 | 23 50 | 0 35 | 12 17 | 1 3  | 0 4  | 0 10 | 9 34  | 0 38 | 22 59 | 0 15 | 6 37 | 2 45 | 8 17 | 0 37 | 18 20 | 1 45 | 19 43 | 13 42 | 23 28 | 23 28 | 16 43 | 13 39 | 7 9  |      |     |
| W 7  | 16 34 | 22 52 | 0n31 | 11 52 | 1 19 | 0n 9 | 0 18 | 9 50  | 0 38 | 22 59 | 0 14 | 6 36 | 2 45 | 8 16 | 0 37 | 18 19 | 1 45 | 19 43 | 13 42 | 23 28 | 23 28 | 16 40 | 13 38 | 7 10 |      |     |
| T 8  | 16 50 | 20 51 | 1 35 | 11 30 | 1 34 | 0 22 | 0 25 | 10 7  | 0 37 | 22 59 | 0 14 | 6 35 | 2 45 | 8 15 | 0 37 | 18 19 | 1 45 | 19 43 | 13 42 | 23 28 | 23 28 | 16 38 | 13 38 | 7 11 |      |     |
| F 9  | 17 7  | 17 58 | 2 34 | 11 9  | 1 49 | 0 35 | 0 31 | 10 24 | 0 37 | 22 59 | 0 14 | 6 33 | 2 45 | 8 15 | 0 37 | 18 19 | 1 45 | 19 43 | 13 43 | 23 28 | 23 28 | 16 36 | 13 37 | 7 11 |      |     |
| S 10 | 17 23 | 14 21 | 3 26 | 10 51 | 2 2  | 0 49 | 0 38 | 10 40 | 0 36 | 22 59 | 0 14 | 6 32 | 2 45 | 8 14 | 0 37 | 18 18 | 1 45 | 19 43 | 13 43 | 23 28 | 23 28 | 16 34 | 13 37 | 7 12 |      |     |
| S 11 | 17 39 | 10 10 | 4 10 | 10 35 | 2 15 | 1 3  | 0 44 | 10 57 | 0 36 | 23 0  | 0 14 | 6 31 | 2 45 | 8 13 | 0 37 | 18 18 | 1 45 | 19 43 | 13 43 | 23 28 | 23 28 | 16 31 | 13 36 | 7 12 |      |     |
| M12  | 17 54 | 5 34  | 4 43 | 10 21 | 2 27 | 1 18 | 0 50 | 11 13 | 0 35 | 23 0  | 0 14 | 6 29 | 2 45 | 8 12 | 0 37 | 18 18 | 1 45 | 19 43 | 13 44 | 23 28 | 23 28 | 16 29 | 13 36 | 7 13 |      |     |
| T 13 | 18 9  | 0 41  | 5 4  | 10 10 | 2 38 | 1 33 | 0 56 | 11 29 | 0 34 | 23 0  | 0 14 | 6 28 | 2 45 | 8 11 | 0 37 | 18 17 | 1 45 | 19 43 | 13 44 | 23 28 | 23 28 | 16 27 | 13 36 | 7 13 |      |     |
| W14  | 18 24 | 4n19  | 5 11 | 10 2  | 2 48 | 1 49 | 1 2  | 11 45 | 0 34 | 23 0  | 0 14 | 6 27 | 2 44 | 8 11 | 0 37 | 18 17 | 1 45 | 19 43 | 13 44 | 23 28 | 23 28 | 16 25 | 13 35 | 7 14 |      |     |
| T 15 | 18 39 | 9 17  | 5 3  | 9 55  | 2 57 | 2 5  | 1 7  | 12 1  | 0 33 | 23 1  | 0 14 | 6 26 | 2 44 | 8 10 | 0 37 | 18 17 | 1 45 | 19 43 | 13 45 | 23 28 | 23 28 | 16 22 | 13 35 | 7 14 |      |     |
| F 16 | 18 53 | 13 58 | 4 40 | 9 52  | 3 5  | 2 21 | 1 12 | 12 17 | 0 33 | 23 1  | 0 14 | 6 24 | 2 44 | 8 9  | 0 37 | 18 16 | 1 45 | 19 43 | 13 45 | 23 27 | 23 28 | 16 20 | 13 34 | 7 15 |      |     |
| S 17 | 19 7  | 18 5  | 4 0  | 9 51  | 3 12 | 2 38 | 1 18 | 12 32 | 0 32 | 23 1  | 0 13 | 6 23 | 2 44 | 8 8  | 0 37 | 18 16 | 1 45 | 19 43 | 13 45 | 23 27 | 23 28 | 16 18 | 13 34 | 7 15 |      |     |
| S 18 | 19 21 | 21 19 | 3 5  | 9 52  | 3 18 | 2 55 | 1 23 | 12 48 | 0 32 | 23 2  | 0 13 | 6 22 | 2 44 | 8 8  | 0 37 | 18 16 | 1 45 | 19 43 | 13 46 | 23 27 | 23 28 | 16 15 | 13 34 | 7 16 |      |     |
| M19  | 19 34 | 23 19 | 1 58 | 9 55  | 3 23 | 3 12 | 1 27 | 13 3  | 0 31 | 23 2  | 0 13 | 6 21 | 2 44 | 8 7  | 0 37 | 18 15 | 1 45 | 19 43 | 13 46 | 23 27 | 23 28 | 16 13 | 13 33 | 7 16 |      |     |
| T 20 | 19 47 | 23 50 | 0 43 | 10 1  | 3 27 | 3 30 | 1 32 | 13 18 | 0 30 | 23 2  | 0 13 | 6 20 | 2 43 | 8 6  | 0 37 | 18 15 | 1 45 | 19 43 | 13 46 | 23 27 | 23 28 | 16 11 | 13 33 | 7 17 |      |     |
| W21  | 20 0  | 22 46 | 0s36 | 10 9  | 3 31 | 3 48 | 1 36 | 13 33 | 0 30 | 23 3  | 0 13 | 6 19 | 2 43 | 8 6  | 0 37 | 18 14 | 1 45 | 19 43 | 13 47 | 23 27 | 23 28 | 16 9  | 13 33 | 7 17 |      |     |
| T 22 | 20 12 | 20 12 | 1 53 | 10 19 | 3 33 | 4 6  | 1 41 | 13 48 | 0 29 | 23 3  | 0 13 | 6 18 | 2 43 | 8 5  | 0 37 | 18 14 | 1 45 | 19 43 | 13 47 | 23 27 | 23 28 | 16 6  | 13 33 | 7 18 |      |     |
| F 23 | 20 24 | 16 22 | 3 2  | 10 31 | 3 34 | 4 24 | 1 45 | 14 3  | 0 29 | 23 3  | 0 13 | 6 17 | 2 43 | 8 4  | 0 37 | 18 14 | 1 45 | 19 44 | 13 47 | 23 27 | 23 28 | 16 4  | 13 32 | 7 18 |      |     |
| S 24 | 20 36 | 11 36 | 4 0  | 10 44 | 3 35 | 4 42 | 1 48 | 14 18 | 0 28 | 23 4  | 0 13 | 6 16 | 2 43 | 8 4  | 0 37 | 18 13 | 1 45 | 19 44 | 13 48 | 23 27 | 23 28 | 16 2  | 13 32 | 7 19 |      |     |
| S 25 | 20 47 | 6 16  | 4 42 | 11 0  | 3 34 | 5 1  | 1 52 | 14 32 | 0 27 | 23 4  | 0 13 | 6 15 | 2 42 | 8 3  | 0 37 | 18 13 | 1 45 | 19 44 | 13 48 | 23 27 | 23 28 | 15 59 | 13 32 | 7 19 |      |     |
| M26  | 20 58 | 0 41  | 5 7  | 11 17 | 3 33 | 5 20 | 1 56 | 14 46 | 0 27 | 23 5  | 0 13 | 6 14 | 2 42 | 8 2  | 0 36 | 18 13 | 1 45 | 19 44 | 13 48 | 23 27 | 23 28 | 15 57 | 13 32 | 7 20 |      |     |
| T 27 | 21 9  | 4s52  | 5 14 | 11 36 | 3 31 | 5 39 | 1 59 | 15 1  | 0 26 | 23 5  | 0 12 | 6 13 | 2 42 | 8 2  | 0 36 | 18 12 | 1 45 | 19 44 | 13 49 | 23 27 | 23 28 | 15 55 | 13 32 | 7 20 |      |     |
| W28  | 21 19 | 10 5  | 5 3  | 11 57 | 3 29 | 5 59 | 2 2  | 15 15 | 0 25 | 23 5  | 0 12 | 6 13 | 2 42 | 8 1  | 0 36 | 18 12 | 1 45 | 19 44 | 13 49 | 23 27 | 23 28 | 15 53 | 13 31 | 7 21 |      |     |
| T 29 | 21 29 | 14 45 | 4 36 | 12 19 | 3 26 | 6 18 | 2 5  | 15 29 | 0 25 | 23 6  | 0 12 | 6 12 | 2 42 | 8 1  | 0 36 | 18 12 | 1 45 | 19 45 | 13 50 | 23 27 | 23 28 | 15 50 | 13 31 | 7 21 |      |     |
| F 30 | 21 38 | 18 38 | 3 54 | 12 42 | 3 22 | 6 38 | 2 8  | 15 42 | 0 24 | 23 6  | 0 12 | 6 11 | 2 41 | 8 0  | 0 36 | 18 11 | 1 45 | 19 45 | 13 50 | 23 27 | 23 28 | 15 48 | 13 31 | 7 22 |      |     |
| S 31 | 21n47 | 21s32 | 3s 1 | 13n 6 | 3s17 | 6n57 | 2s11 | 15n56 | 0s24 | 23s 7 | 0n12 | 6s10 | 2n41 | 8s 0 | 0n36 | 18s11 | 1n45 | 19s45 | 13s50 | 23s27 | 23s28 | 15s46 | 13s31 | 7n22 |      |     |



# ASTRODIENST EPHEMERIS for the year 1806

## geocentric

JUNE 1806

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♂     | ♀     | ♂     | ♂     | ♂      | ♂      | ♂      | ♂      | ♂      | ♂     | ♂    | ♂      | Day  |
|------|----------|----------|-------|-------|-------|-------|-------|--------|--------|--------|--------|--------|-------|------|--------|------|
| S 1  | 16 35 10 | 9♂45'26  | 5♂57  | 15♂48 | 24♀ 5 | 15♂34 | 6°R19 | 22°R12 | 21°R55 | 28°R39 | 12♂ 9  | 28°R14 | 29♂14 | 6♂15 | 27°R 6 | S 1  |
| M 2  | 16 39 6  | 10°42'52 | 18°26 | 17° 3 | 25° 6 | 16°18 | 6♂13  | 22♂10  | 21♂54  | 28♂38  | 12°10  | 28♂13  | 29°11 | 6°22 | 27♂ 4  | M 2  |
| T 3  | 16 43 3  | 11°40'17 | 0♂42  | 18°20 | 26° 7 | 17° 2 | 6° 6  | 22° 8  | 21°52  | 28°36  | 12°10  | 28°D12 | 29° 8 | 6°29 | 27° 2  | T 3  |
| W 4  | 16 47 0  | 12°37'40 | 12°47 | 19°40 | 27° 9 | 17°45 | 6° 0  | 22° 6  | 21°51  | 28°34  | 12°10  | 28°13  | 29° 4 | 6°35 | 27° 0  | W 4  |
| T 5  | 16 50 56 | 13°35'03 | 24°44 | 21° 3 | 28°10 | 18°29 | 5°54  | 22° 4  | 21°50  | 28°33  | 12°10  | 28°14  | 29° 1 | 6°42 | 26°58  | T 5  |
| F 6  | 16 54 53 | 14°32'26 | 6♂35  | 22°29 | 29°12 | 19°12 | 5°47  | 22° 2  | 21°48  | 28°31  | 12°10  | 28°15  | 28°58 | 6°49 | 26°55  | F 6  |
| S 7  | 16 58 49 | 15°29'48 | 18°25 | 23°58 | 0♂14  | 19°56 | 5°40  | 22° 0  | 21°47  | 28°30  | 12°11  | 28°16  | 28°55 | 6°55 | 26°53  | S 7  |
| S 8  | 17 2 46  | 16°27'09 | 0♂18  | 25°29 | 1°17  | 20°39 | 5°34  | 21°58  | 21°46  | 28°28  | 12°11  | 28°17  | 28°52 | 7° 2 | 26°51  | S 8  |
| M 9  | 17 6 42  | 17°24'29 | 12°18 | 27° 3 | 2°19  | 21°23 | 5°27  | 21°56  | 21°45  | 28°27  | 12°11  | 28°R18 | 28°49 | 7° 9 | 26°48  | M 9  |
| T 10 | 17 10 39 | 18°21'49 | 24°29 | 28°40 | 3°22  | 22° 6 | 5°20  | 21°55  | 21°44  | 28°25  | 12°11  | 28°R18 | 28°45 | 7°15 | 26°46  | T 10 |
| W11  | 17 14 35 | 19°19'09 | 6♀56  | 0♂20  | 4°25  | 22°49 | 5°13  | 21°53  | 21°43  | 28°24  | 12°11  | 28°17  | 28°42 | 7°22 | 26°44  | W11  |
| T 12 | 17 18 32 | 20°16'28 | 19°43 | 2° 3  | 5°29  | 23°32 | 5° 6  | 21°52  | 21°42  | 28°22  | 12°11  | 28°17  | 28°39 | 7°29 | 26°41  | T 12 |
| F 13 | 17 22 29 | 21°13'47 | 2♂54  | 3°48  | 6°32  | 24°16 | 4°58  | 21°51  | 21°41  | 28°21  | 12°R11 | 28°16  | 28°36 | 7°35 | 26°38  | F 13 |
| S 14 | 17 26 25 | 22°11'05 | 16°28 | 5°36  | 7°36  | 24°59 | 4°51  | 21°50  | 21°40  | 28°19  | 12°11  | 28°15  | 28°33 | 7°42 | 26°36  | S 14 |
| S 15 | 17 30 22 | 23° 8'24 | 0♂27  | 7°26  | 8°40  | 25°42 | 4°44  | 21°48  | 21°39  | 28°18  | 12°11  | 28°14  | 28°29 | 7°49 | 26°33  | S 15 |
| M16  | 17 34 18 | 24° 5'41 | 14°48 | 9°20  | 9°45  | 26°25 | 4°36  | 21°47  | 21°39  | 28°16  | 12°11  | 28°14  | 28°26 | 7°55 | 26°30  | M16  |
| T 17 | 17 38 15 | 25° 2'59 | 29°26 | 11°15 | 10°49 | 27° 7 | 4°29  | 21°47  | 21°38  | 28°15  | 12°11  | 28°D14 | 28°23 | 8° 2 | 26°27  | T 17 |
| W18  | 17 42 11 | 26° 0'16 | 14♂15 | 13°13 | 11°54 | 27°50 | 4°21  | 21°46  | 21°37  | 28°14  | 12°11  | 28°14  | 28°20 | 8° 9 | 26°25  | W18  |
| T 19 | 17 46 8  | 26°57'32 | 29° 7 | 15°13 | 12°58 | 28°33 | 4°14  | 21°45  | 21°37  | 28°12  | 12°11  | 28°14  | 28°17 | 8°15 | 26°22  | T 19 |
| F 20 | 17 50 4  | 27°54'47 | 13♂55 | 17°16 | 14° 3 | 29°16 | 4° 6  | 21°45  | 21°36  | 28°11  | 12°10  | 28°R14 | 28°14 | 8°22 | 26°19  | F 20 |
| S 21 | 17 54 1  | 28°52'02 | 28°32 | 19°20 | 15° 9 | 29°59 | 3°59  | 21°44  | 21°36  | 28°10  | 12°10  | 28°14  | 28°10 | 8°29 | 26°16  | S 21 |
| S 22 | 17 57 58 | 29°49'16 | 12♂54 | 21°26 | 16°14 | 0♂41  | 3°51  | 21°44  | 21°35  | 28° 8  | 12°10  | 28°14  | 28° 7 | 8°36 | 26°13  | S 22 |
| M23  | 18 1 54  | 0♂46'30  | 26°58 | 23°33 | 17°19 | 1°24  | 3°43  | 21°43  | 21°35  | 28° 7  | 12°10  | 28°D14 | 28° 4 | 8°42 | 26°10  | M23  |
| T 24 | 18 5 51  | 1°43'43  | 10♂42 | 25°42 | 18°25 | 2° 6  | 3°36  | 21°43  | 21°34  | 28° 6  | 12°10  | 28°14  | 28° 1 | 8°49 | 26° 7  | T 24 |
| W25  | 18 9 47  | 2°40'55  | 24° 7 | 27°51 | 19°31 | 2°49  | 3°28  | 21°D43 | 21°34  | 28° 4  | 12° 9  | 28°14  | 27°58 | 8°56 | 26° 4  | W25  |
| T 26 | 18 13 44 | 3°38'07  | 7♂14  | 0♂ 2  | 20°37 | 3°31  | 3°20  | 21°43  | 21°34  | 28° 3  | 12° 9  | 28°15  | 27°55 | 9° 2 | 26° 0  | T 26 |
| F 27 | 18 17 40 | 4°35'19  | 20° 4 | 2°13  | 21°43 | 4°13  | 3°13  | 21°43  | 21°34  | 28° 2  | 12° 9  | 28°15  | 27°51 | 9° 9 | 25°57  | F 27 |
| S 28 | 18 21 37 | 5°32'30  | 2♂40  | 4°24  | 22°49 | 4°55  | 3° 5  | 21°43  | 21°34  | 28° 1  | 12° 8  | 28°16  | 27°48 | 9°16 | 25°54  | S 28 |
| S 29 | 18 25 33 | 6°29'41  | 15° 4 | 6°34  | 23°56 | 5°38  | 2°57  | 21°44  | 21°33  | 27°59  | 12° 8  | 28°16  | 27°45 | 9°22 | 25°51  | S 29 |
| M30  | 18 29 30 | 7♂26'52  | 27♂17 | 8♂45  | 25♂ 2 | 6♂20  | 2♂50  | 21♂44  | 21°D33 | 27♂58  | 12♂ 8  | 28°R17 | 27♂42 | 9♂29 | 25♂47  | M30  |

| Day  | ☉     | ☽     | ♂    | ♀     | ♂    | ♂     | ♂    | ♂     | ♂    | ♂     | ♂    | ♂    | ♂    | ♂    | ♂    | ♂     | Day  |
|------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|------|------|------|------|-------|------|
|      | decl  | decl  | lat  | decl  | lat  | decl  | lat  | decl  | lat  | decl  | lat  | decl | lat  | decl | lat  | decl  | lat  |
| S 1  | 21n56 | 23s17 | 2s 0 | 13n32 | 3s12 | 7n17  | 2s14 | 16n 9 | 0s23 | 23s 7 | 0n12 | 6s10 | 2n41 | 7s59 | 0n36 | 18s11 | 1n45 |
| M 2  | 22 5  | 23 51 | 0 54 | 13 58 | 3 6  | 7 37  | 2 16 | 16 22 | 0 22 | 23 7  | 0 12 | 6 9  | 2 41 | 7 59 | 0 36 | 18 10 | 1 45 |
| T 3  | 22 13 | 23 14 | 0n14 | 14 26 | 2 59 | 7 57  | 2 18 | 16 35 | 0 22 | 23 8  | 0 12 | 6 9  | 2 41 | 7 58 | 0 36 | 18 10 | 1 45 |
| W 4  | 22 20 | 21 32 | 1 20 | 14 54 | 2 52 | 8 17  | 2 20 | 16 48 | 0 21 | 23 8  | 0 12 | 6 8  | 2 40 | 7 58 | 0 36 | 18 10 | 1 45 |
| T 5  | 22 27 | 18 53 | 2 22 | 15 23 | 2 45 | 8 37  | 2 22 | 17 1  | 0 20 | 23 9  | 0 11 | 6 7  | 2 40 | 7 57 | 0 36 | 18 9  | 1 45 |
| F 6  | 22 34 | 15 28 | 3 17 | 15 53 | 2 37 | 8 57  | 2 24 | 17 14 | 0 20 | 23 9  | 0 11 | 6 7  | 2 40 | 7 57 | 0 36 | 18 9  | 1 45 |
| S 7  | 22 40 | 11 27 | 4 4  | 16 23 | 2 28 | 9 17  | 2 26 | 17 26 | 0 19 | 23 9  | 0 11 | 6 6  | 2 40 | 7 56 | 0 36 | 18 9  | 1 45 |
| S 8  | 22 46 | 7 0   | 4 40 | 16 54 | 2 19 | 9 38  | 2 27 | 17 38 | 0 18 | 23 10 | 0 11 | 6 6  | 2 39 | 7 56 | 0 36 | 18 8  | 1 45 |
| M 9  | 22 52 | 2 15  | 5 5  | 17 25 | 2 10 | 9 58  | 2 29 | 17 50 | 0 18 | 23 10 | 0 11 | 6 6  | 2 39 | 7 56 | 0 36 | 18 8  | 1 44 |
| T 10 | 22 57 | 2n39  | 5 16 | 17 56 | 2 0  | 10 18 | 2 30 | 18 2  | 0 17 | 23 11 | 0 11 | 6 5  | 2 39 | 7 55 | 0 36 | 18 8  | 1 44 |
| W11  | 23 2  | 7 33  | 5 13 | 18 27 | 1 50 | 10 38 | 2 31 | 18 14 | 0 16 | 23 11 | 0 11 | 6 5  | 2 39 | 7 55 | 0 36 | 18 8  | 1 44 |
| T 12 | 23 6  | 12 16 | 4 55 | 18 58 | 1 39 | 10 58 | 2 32 | 18 25 | 0 16 | 23 11 | 0 11 | 6 5  | 2 38 | 7 55 | 0 36 | 18 7  | 1 44 |
| F 13 | 23 10 | 16 34 | 4 21 | 19 29 | 1 29 | 11 18 | 2 33 | 18 37 | 0 15 | 23 12 | 0 10 | 6 4  | 2 38 | 7 54 | 0 36 | 18 7  | 1 44 |
| S 14 | 23 14 | 20 9  | 3 32 | 19 59 | 1 18 | 11 38 | 2 34 | 18 48 | 0 14 | 23 12 | 0 10 | 6 4  | 2 38 | 7 54 | 0 36 | 18 7  | 1 44 |
| S 15 | 23 17 | 22 41 | 2 28 | 20 29 | 1 6  | 11 58 | 2 34 | 18 59 | 0 14 | 23 13 | 0 10 | 6 4  | 2 38 | 7 54 | 0 36 | 18 6  | 1 44 |
| M16  | 23 20 | 23 49 | 1 14 | 20 58 | 0 55 | 12 18 | 2 35 | 19 10 | 0 13 | 23 13 | 0 10 | 6 4  | 2 37 | 7 54 | 0 36 | 18 6  | 1 44 |
| T 17 | 23 22 | 23 21 | 0s 7 | 21 26 | 0 44 | 12 38 | 2 35 | 19 20 | 0 12 | 23 13 | 0 10 | 6 4  | 2 37 | 7 53 | 0 36 | 18 6  | 1 44 |
| W18  | 23 24 | 21 05 | 1 28 | 21 52 | 0 32 | 12 57 | 2 35 | 19 31 | 0 12 | 23 14 | 0 10 | 6 4  | 2 37 | 7 53 | 0 36 | 18 6  | 1 44 |
| T 19 | 23 26 | 17 42 | 2 43 | 22 18 | 0 21 | 13 17 | 2 35 | 19 41 | 0 11 | 23 14 | 0 10 | 6 4  | 2 37 | 7 53 | 0 36 | 18 5  | 1 44 |
| F 20 | 23 27 | 13 2  | 3 47 | 22 42 | 0 10 | 13 36 | 2 35 | 19 51 | 0 10 | 23 15 | 0 9  | 6 4  | 2 36 | 7 53 | 0 36 | 18 5  | 1 44 |
| S 21 | 23 28 | 7 41  | 4 36 | 23 4  | 0n 1 | 13 55 | 2 35 | 20 1  | 0 10 | 23 15 | 0 9  | 6 4  | 2 36 | 7 53 | 0 36 | 18 5  | 1 44 |
| S 22 | 23 28 | 2 0   | 5 6  | 23 24 | 0 12 | 14 14 | 2 35 | 20 10 | 0 9  | 23 15 | 0 9  | 6 4  | 2 36 | 7 52 | 0 36 | 18 4  | 1 44 |
| M23  | 23 28 | 3s39  | 5 17 | 23 41 | 0 23 | 14 33 | 2 35 | 20 20 | 0 8  | 23 16 | 0 9  | 6 4  | 2 36 | 7 52 | 0 36 | 18 4  | 1 44 |
| T 24 | 23 27 | 8 59  | 5 10 | 23 57 | 0 33 | 14 51 | 2 34 | 20 29 | 0 8  | 23 16 | 0 9  | 6 4  | 2 35 | 7 52 | 0 35 | 18 4  | 1 44 |
| W25  | 23 26 | 13 47 | 4 46 | 24 10 | 0 43 | 15 10 | 2 34 | 20 38 | 0 7  | 23 16 | 0 9  | 6 5  | 2 35 | 7 52 | 0 35 | 18 4  | 1 44 |
| T 26 | 23 25 | 17 50 | 4 7  | 24 20 | 0 52 | 15 28 | 2 33 | 20 47 | 0 6  | 23 17 | 0 9  | 6 5  | 2 35 | 7 52 | 0 35 | 18 3  | 1 44 |
| F 27 | 23 23 | 20 56 | 3 17 | 24 28 | 1 1  | 15 46 | 2 32 | 20 55 | 0 6  | 23 17 | 0 9  | 6 5  | 2 35 | 7 52 | 0 35 | 18 3  | 1 44 |
| S 28 | 23 21 | 22 58 | 2 17 | 24 32 | 1 9  | 16 3  | 2 31 | 21 4  | 0 5  | 23 17 | 0 8  | 6 5  | 2 34 | 7 52 | 0 35 | 18 3  | 1 44 |
| S 29 | 23 18 | 23 50 | 1 13 | 24 34 | 1 16 | 16 21 | 2 31 | 21 12 | 0 4  | 23 18 | 0 8  | 6 6  | 2 34 | 7 52 | 0 35 | 18 3  | 1 44 |
| M30  | 23n15 | 23s32 | 0s 6 | 24n34 | 1n23 | 16n38 | 2s29 | 21n20 | 0s 3 | 23s18 | 0n 8 | 6s 6 | 2n34 | 7s52 | 0n35 | 18s 3 | 1n44 |

Julian Day Number = 2380838.5, Delta T = 15.80 sec  
 Ecliptic obliquity = 23°27'52, Nutation = 0°00'16, out-of-bounds declination in red  
 Ayanamsha: Fagan/Bradley = 22°02'14, Lahiri = 21°09'15

ASTRODIENST EPHEMERIS for the year 1806  
geocentric

JULY 1806

00:00 UT

| Day  | Sid.t    | ☉        | ☽        | ♀        | ♂       | ♂        | ♂     | ♂        | ♂        | ♂      | ♂      | ♂      | ♂       | ♂       | ♂      | Day  |
|------|----------|----------|----------|----------|---------|----------|-------|----------|----------|--------|--------|--------|---------|---------|--------|------|
| T 1  | 18 33 27 | 8°24'03  | 9°32'21  | 10°55'55 | 26°8'9  | 7°11'2   | 2°R42 | 21°24'45 | 21°24'33 | 27°R57 | 12°R 7 | 28°R17 | 27°R39  | 9°33'36 | 25°R44 | T 1  |
| W 2  | 18 37 23 | 9°21'13  | 21°19    | 13° 4    | 27°16   | 7°44     | 2°35  | 21°45    | 21°34    | 27°M56 | 12°R 7 | 28°R16 | 27°35   | 9°42    | 25°R41 | W 2  |
| T 3  | 18 41 20 | 10°18'24 | 3°11     | 15°11    | 28°23   | 8°26     | 2°27  | 21°46    | 21°34    | 27°55  | 12° 6  | 28°15  | 27°32   | 9°49    | 25°37  | T 3  |
| F 4  | 18 45 16 | 11°15'34 | 15° 2    | 17°18    | 29°30   | 9° 8     | 2°19  | 21°47    | 21°34    | 27°54  | 12° 6  | 28°13  | 27°29   | 9°56    | 25°34  | F 4  |
| S 5  | 18 49 13 | 12°12'45 | 26°52    | 19°23    | 0°11'37 | 9°49     | 2°12  | 21°48    | 21°34    | 27°53  | 12° 5  | 28°11  | 27°26   | 10° 2   | 25°31  | S 5  |
| S 6  | 18 53 9  | 13° 9'56 | 8°45     | 21°27    | 1°45    | 10°31    | 2° 5  | 21°49    | 21°34    | 27°52  | 12° 5  | 28° 9  | 27°23   | 10° 9   | 25°27  | S 6  |
| M 7  | 18 57 6  | 14° 7'08 | 20°46    | 23°29    | 2°52    | 11°13    | 1°57  | 21°50    | 21°35    | 27°51  | 12° 4  | 28° 7  | 27°20   | 10°16   | 25°24  | M 7  |
| T 8  | 19 1 2   | 15° 4'20 | 2°56     | 25°29    | 4° 0    | 11°54    | 1°50  | 21°51    | 21°35    | 27°50  | 12° 4  | 28° 6  | 27°16   | 10°22   | 25°20  | T 8  |
| W 9  | 19 4 59  | 16° 1'32 | 15°21    | 27°28    | 5° 8    | 12°36    | 1°43  | 21°52    | 21°35    | 27°49  | 12° 3  | 28°D 5 | 27°13   | 10°29   | 25°17  | W 9  |
| T 10 | 19 8 56  | 16°58'45 | 28° 4    | 29°25    | 6°15    | 13°18    | 1°35  | 21°54    | 21°36    | 27°48  | 12° 2  | 28° 6  | 27°10   | 10°36   | 25°13  | T 10 |
| F 11 | 19 12 52 | 17°55'58 | 11°10    | 1°20     | 7°24    | 13°59    | 1°28  | 21°55    | 21°36    | 27°47  | 12° 2  | 28° 7  | 27° 7   | 10°42   | 25°10  | F 11 |
| S 12 | 19 16 49 | 18°53'12 | 24°41    | 3°13     | 8°32    | 14°40    | 1°21  | 21°57    | 21°37    | 27°46  | 12° 1  | 28° 8  | 27° 4   | 10°49   | 25° 6  | S 12 |
| S 13 | 19 20 45 | 19°50'26 | 8°11'39  | 5° 5     | 9°40    | 15°22    | 1°14  | 21°58    | 21°38    | 27°45  | 12° 1  | 28° 9  | 27° 1   | 10°56   | 25° 3  | S 13 |
| M14  | 19 24 42 | 20°47'42 | 23° 2    | 6°54     | 10°48   | 16° 3    | 1° 7  | 22° 0    | 21°38    | 27°44  | 12° 0  | 28°R10 | 26°57   | 11° 2   | 24°59  | M14  |
| T 15 | 19 28 38 | 21°44'57 | 7°48     | 8°42     | 11°57   | 16°44    | 1° 1  | 22° 2    | 21°39    | 27°44  | 11°59  | 28°10  | 26°54   | 11° 9   | 24°56  | T 15 |
| W16  | 19 32 35 | 22°42'13 | 22°50    | 10°27    | 13° 5   | 17°25    | 0°54  | 22° 4    | 21°40    | 27°43  | 11°58  | 28° 9  | 26°51   | 11°16   | 24°52  | W16  |
| T 17 | 19 36 31 | 23°39'30 | 8°0      | 12°11    | 14°14   | 18° 6    | 0°47  | 22° 6    | 21°41    | 27°42  | 11°58  | 28° 6  | 26°48   | 11°23   | 24°49  | T 17 |
| F 18 | 19 40 28 | 24°36'47 | 23° 8    | 13°53    | 15°23   | 18°47    | 0°41  | 22° 8    | 21°42    | 27°41  | 11°57  | 28° 3  | 26°45   | 11°29   | 24°45  | F 18 |
| S 19 | 19 44 25 | 25°34'04 | 8°11'4   | 15°34    | 16°32   | 19°28    | 0°34  | 22°11    | 21°43    | 27°41  | 11°56  | 27°59  | 26°41   | 11°36   | 24°42  | S 19 |
| S 20 | 19 48 21 | 26°31'22 | 22°42    | 17°12    | 17°41   | 20° 9    | 0°28  | 22°13    | 21°44    | 27°40  | 11°55  | 27°56  | 26°38   | 11°43   | 24°38  | S 20 |
| M21  | 19 52 18 | 27°28'39 | 6°56     | 18°48    | 18°50   | 20°50    | 0°22  | 22°15    | 21°45    | 27°39  | 11°55  | 27°53  | 26°35   | 11°49   | 24°34  | M21  |
| T 22 | 19 56 14 | 28°25'57 | 20°44    | 20°23    | 19°59   | 21°31    | 0°16  | 22°18    | 21°46    | 27°39  | 11°54  | 27°52  | 26°32   | 11°56   | 24°31  | T 22 |
| W23  | 20 0 11  | 29°23'16 | 4°11'6   | 21°56    | 21° 8   | 22°12    | 0°10  | 22°20    | 21°47    | 27°38  | 11°53  | 27°D52 | 26°29   | 12° 3   | 24°27  | W23  |
| T 24 | 20 4 7   | 0°20'35  | 17° 6    | 23°27    | 22°18   | 22°52    | 0° 4  | 22°23    | 21°48    | 27°38  | 11°52  | 27°53  | 26°26   | 12° 9   | 24°24  | T 24 |
| F 25 | 20 8 4   | 1°17'54  | 29°45    | 24°56    | 23°27   | 23°33    | 29°59 | 22°26    | 21°49    | 27°37  | 11°51  | 27°54  | 26°22   | 12°16   | 24°20  | F 25 |
| S 26 | 20 12 0  | 2°15'14  | 12°11'8  | 26°23    | 24°36   | 24°13    | 29°53 | 22°29    | 21°51    | 27°37  | 11°50  | 27°56  | 26°19   | 12°23   | 24°17  | S 26 |
| S 27 | 20 15 57 | 3°12'34  | 24°19    | 27°48    | 25°46   | 24°54    | 29°48 | 22°32    | 21°52    | 27°36  | 11°49  | 27°R57 | 26°16   | 12°29   | 24°13  | S 27 |
| M28  | 20 19 54 | 4° 9'55  | 6°32'21  | 29°11    | 26°56   | 25°34    | 29°43 | 22°35    | 21°54    | 27°36  | 11°48  | 27°56  | 26°13   | 12°36   | 24°10  | M28  |
| T 29 | 20 23 50 | 5° 7'17  | 18°16    | 0°11'32  | 28° 6   | 26°14    | 29°38 | 22°38    | 21°55    | 27°35  | 11°48  | 27°54  | 26°10   | 12°43   | 24° 7  | T 29 |
| W30  | 20 27 47 | 6° 4'39  | 0°11'8   | 1°52     | 29°16   | 26°55    | 29°33 | 22°41    | 21°57    | 27°35  | 11°47  | 27°51  | 26° 7   | 12°49   | 24° 3  | W30  |
| T 31 | 20 31 43 | 7°0'20   | 11°11'58 | 3°11'9   | 0°26    | 27°11'35 | 29°58 | 22°45    | 21°58    | 27°35  | 11°46  | 27°R45 | 26°11'3 | 12°56   | 24°R 0 | T 31 |

| Day  | ☉     | ☽        | ♀        | ♂        | ♂        | ♂        | ♂        | ♂        | ♂        | ♂        | ♂        | ♂        | ♂        | ♂        | ♂        | ♂        |
|------|-------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|----------|
|      | decl  | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat | decl lat |
| T 1  | 23n12 | 22s 7    | 1n 1     | 24n30    | 1n29     | 16n54    | 2s28     | 21n28    | 0s 3     | 23s18    | 0n 8     | 6s 7     | 2n33     | 7s52     | 0n35     | 18s 2    |
| W 2  | 23 8  | 19 44    | 2 4      | 24 24    | 1 35     | 17 11    | 2 27     | 21 35    | 0 2      | 23 19    | 0 8      | 6 7      | 2 33     | 7 52     | 0 35     | 18 2     |
| T 3  | 23 4  | 16 31    | 3 2      | 24 14    | 1 39     | 17 27    | 2 26     | 21 43    | 0 1      | 23 19    | 0 8      | 6 8      | 2 33     | 7 52     | 0 35     | 18 2     |
| F 4  | 22 59 | 12 40    | 3 51     | 24 3     | 1 43     | 17 43    | 2 24     | 21 50    | 0 1      | 23 19    | 0 8      | 6 8      | 2 33     | 7 52     | 0 35     | 18 2     |
| S 5  | 22 54 | 8 20     | 4 30     | 23 49    | 1 46     | 17 58    | 2 23     | 21 57    | 0n 0     | 23 19    | 0 7      | 6 9      | 2 32     | 7 52     | 0 35     | 18 2     |
| S 6  | 22 49 | 3 41     | 4 58     | 23 32    | 1 48     | 18 14    | 2 21     | 22 4     | 0 1      | 23 20    | 0 7      | 6 9      | 2 32     | 7 53     | 0 35     | 18 1     |
| M 7  | 22 43 | 1n 8     | 5 13     | 23 14    | 1 50     | 18 28    | 2 19     | 22 10    | 0 2      | 23 20    | 0 7      | 6 10     | 2 32     | 7 53     | 0 35     | 18 1     |
| T 8  | 22 37 | 5 59     | 5 15     | 22 53    | 1 51     | 18 43    | 2 18     | 22 17    | 0 2      | 23 20    | 0 7      | 6 11     | 2 32     | 7 53     | 0 35     | 18 1     |
| W 9  | 22 30 | 10 41    | 5 2      | 22 30    | 1 51     | 18 57    | 2 16     | 22 23    | 0 3      | 23 20    | 0 7      | 6 11     | 2 31     | 7 53     | 0 35     | 18 1     |
| T 10 | 22 23 | 15 3     | 4 34     | 22 6     | 1 51     | 19 10    | 2 14     | 22 29    | 0 4      | 23 21    | 0 7      | 6 12     | 2 31     | 7 53     | 0 35     | 18 1     |
| F 11 | 22 16 | 18 51    | 3 51     | 21 40    | 1 50     | 19 24    | 2 12     | 22 35    | 0 4      | 23 21    | 0 7      | 6 13     | 2 31     | 7 54     | 0 35     | 18 1     |
| S 12 | 22 8  | 21 47    | 2 54     | 21 12    | 1 48     | 19 37    | 2 10     | 22 40    | 0 5      | 23 21    | 0 6      | 6 14     | 2 31     | 7 54     | 0 35     | 18 0     |
| S 13 | 22 0  | 23 30    | 1 46     | 20 43    | 1 45     | 19 49    | 2 8      | 22 45    | 0 6      | 23 21    | 0 6      | 6 15     | 2 30     | 7 54     | 0 35     | 18 0     |
| M14  | 21 51 | 23 45    | 0 28     | 20 13    | 1 42     | 20 1     | 2 6      | 22 51    | 0 7      | 23 21    | 0 6      | 6 16     | 2 30     | 7 54     | 0 35     | 18 0     |
| T 15 | 21 42 | 22 21    | 0s53     | 19 42    | 1 39     | 20 12    | 2 3      | 22 55    | 0 7      | 23 22    | 0 6      | 6 16     | 2 30     | 7 55     | 0 35     | 18 0     |
| W16  | 21 33 | 19 22    | 2 12     | 19 9     | 1 35     | 20 23    | 2 1      | 23 0     | 0 8      | 23 22    | 0 6      | 6 17     | 2 29     | 7 55     | 0 35     | 18 0     |
| T 17 | 21 23 | 15 2     | 3 22     | 18 36    | 1 30     | 20 34    | 1 59     | 23 5     | 0 9      | 23 22    | 0 6      | 6 18     | 2 29     | 7 55     | 0 35     | 18 0     |
| F 18 | 21 13 | 9 46     | 4 17     | 18 2     | 1 25     | 20 44    | 1 56     | 23 9     | 0 10     | 23 22    | 0 5      | 6 19     | 2 29     | 7 56     | 0 35     | 18 0     |
| S 19 | 21 3  | 3 59     | 4 55     | 17 27    | 1 20     | 20 54    | 1 54     | 23 13    | 0 10     | 23 22    | 0 5      | 6 21     | 2 29     | 7 56     | 0 35     | 18 0     |
| S 20 | 20 52 | 1s53     | 5 12     | 16 52    | 1 14     | 21 3     | 1 51     | 23 17    | 0 11     | 23 23    | 0 5      | 6 22     | 2 28     | 7 57     | 0 34     | 17 59    |
| M21  | 20 41 | 7 29     | 5 10     | 16 16    | 1 7      | 21 11    | 1 49     | 23 21    | 0 12     | 23 23    | 0 5      | 6 23     | 2 28     | 7 57     | 0 34     | 17 59    |
| T 22 | 20 30 | 12 34    | 4 49     | 15 40    | 1 0      | 21 19    | 1 46     | 23 24    | 0 12     | 23 23    | 0 5      | 6 24     | 2 28     | 7 57     | 0 34     | 17 59    |
| W23  | 20 18 | 16 52    | 4 13     | 15 3     | 0 53     | 21 27    | 1 43     | 23 27    | 0 13     | 23 23    | 0 5      | 6 25     | 2 28     | 7 58     | 0 34     | 17 59    |
| T 24 | 20 6  | 20 14    | 3 25     | 14 26    | 0 46     | 21 34    | 1 41     | 23 30    | 0 14     | 23 23    | 0 5      | 6 26     | 2 27     | 7 58     | 0 34     | 17 59    |
| F 25 | 19 53 | 22 32    | 2 28     | 13 49    | 0 38     | 21 40    | 1 38     | 23 33    | 0 15     | 23 23    | 0 4      | 6 28     | 2 27     | 7 59     | 0 34     | 17 59    |
| S 26 | 19 41 | 23 41    | 1 25     | 13 12    | 0 29     | 21 46    | 1 35     | 23 36    | 0 16     | 23 24    | 0 4      | 6 29     | 2 27     | 7 59     | 0 34     | 17 59    |
| S 27 | 19 28 | 23 40    | 0 20     | 12 35    | 0 21     | 21 52    | 1 32     | 23 38    | 0 16     | 23 24    | 0 4      | 6 30     | 2 27     | 8 0      | 0 34     | 17 59    |
| M28  | 19 14 | 22 33    | 0n46     | 11 57    | 0 12     | 21 56    | 1 29     | 23 40    | 0 17     | 23 24    | 0 4      | 6 32     | 2 26     | 8 1      | 0 34     | 17 59    |
| T 29 | 19 0  | 20 26    | 1 48     | 11 20    | 0 3      | 22 1     | 1 26     | 23 42    | 0 18     | 23 24    | 0 4      | 6 33     | 2 26     | 8 1      | 0 34     | 17 59    |
| W30  | 18 46 | 17 26    | 2 46     | 10 43    | 0s 7     | 22 4     | 1 23     | 23 44    | 0 18     | 23 24    | 0 4      | 6 35     | 2 26     | 8 2      | 0 34     | 17 59    |
| T 31 | 18n32 | 13s45    | 3n36     | 10n 6    | 0s16     | 22n 7    | 1s20     | 23n46    | 0n19     | 23s24    | 0n 4     | 6s36     | 2n26     | 8s 2     | 0n34     | 17s59    |

Julian Day Number = 2380868.5, Delta T = 15.77 sec  
Ecliptic obliquity = 23°27'51, Nutation = 0°00'18, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 22°02'18, Lahiri = 21°09'19



ASTRODIENST EPHEMERIS for the year 1806  
geocentric

AUGUST 1806

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♀      | ♂     | ♂     | ♂      | ♂     | ♂     | ♂      | ♂      | ♂      | ♂     | ♂     | ♂      | Day  |
|------|----------|----------|-------|--------|-------|-------|--------|-------|-------|--------|--------|--------|-------|-------|--------|------|
| F 1  | 20 35 40 | 7♏59°26  | 23♋49 | 4♍24   | 1♊36  | 28♏15 | 29°R24 | 22♏48 | 22♏ 0 | 27°R34 | 11°R45 | 27°R38 | 26♏ 0 | 13♋ 3 | 23°R56 | F 1  |
| S 2  | 20 39 36 | 8°56'51  | 5♋42  | 5°37   | 2°46  | 28°55 | 29♏19  | 22°51 | 22° 1 | 27♏34  | 11♋44  | 27♏31  | 25°57 | 13°10 | 23♋53  | S 2  |
| S 3  | 20 43 33 | 9°54'18  | 17°39 | 6°47   | 3°56  | 29°35 | 29°15  | 22°55 | 22° 3 | 27°34  | 11°43  | 27°23  | 25°54 | 13°16 | 23°50  | S 3  |
| M 4  | 20 47 29 | 10°51'45 | 29°43 | 7°55   | 5° 6  | 0♊15  | 29°11  | 22°59 | 22° 5 | 27°34  | 11°42  | 27°17  | 25°51 | 13°23 | 23°46  | M 4  |
| T 5  | 20 51 26 | 11°49'13 | 11♏56 | 9° 1   | 6°17  | 0°55  | 29° 7  | 23° 2 | 22° 7 | 27°34  | 11°40  | 27°11  | 25°47 | 13°30 | 23°43  | T 5  |
| W 6  | 20 55 23 | 12°46'43 | 24°21 | 10° 5  | 7°27  | 1°35  | 29° 3  | 23° 6 | 22° 8 | 27°33  | 11°39  | 27° 7  | 25°44 | 13°36 | 23°40  | W 6  |
| T 7  | 20 59 19 | 13°44'14 | 7♌ 2  | 11° 5  | 8°38  | 2°14  | 28°59  | 23°10 | 22°10 | 27°33  | 11°38  | 27° 6  | 25°41 | 13°43 | 23°37  | T 7  |
| F 8  | 21 3 16  | 14°41'47 | 20° 2 | 12° 3  | 9°49  | 2°54  | 28°56  | 23°14 | 22°12 | 27°33  | 11°37  | 27°D 6 | 25°38 | 13°50 | 23°33  | F 8  |
| S 9  | 21 7 12  | 15°39'21 | 3♏26  | 12°59  | 10°59 | 3°34  | 28°53  | 23°18 | 22°14 | 27°33  | 11°36  | 27° 6  | 25°35 | 13°56 | 23°30  | S 9  |
| S 10 | 21 11 9  | 16°36'56 | 17°15 | 13°51  | 12°10 | 4°13  | 28°50  | 23°22 | 22°16 | 27°D33 | 11°35  | 27° 7  | 25°32 | 14° 3 | 23°27  | S 10 |
| M 11 | 21 15 5  | 17°34'33 | 1♊30  | 14°40  | 13°21 | 4°53  | 28°47  | 23°27 | 22°18 | 27°33  | 11°34  | 27°R 8 | 25°28 | 14°10 | 23°24  | M 11 |
| T 12 | 21 19 2  | 18°32'12 | 16°10 | 15°25  | 14°32 | 5°32  | 28°44  | 23°31 | 22°20 | 27°33  | 11°33  | 27° 6  | 25°25 | 14°16 | 23°21  | T 12 |
| W 13 | 21 22 59 | 19°29'51 | 1♏11  | 16° 8  | 15°43 | 6°12  | 28°42  | 23°35 | 22°23 | 27°33  | 11°32  | 27° 3  | 25°22 | 14°23 | 23°18  | W 13 |
| T 14 | 21 26 55 | 20°27'32 | 16°24 | 16°46  | 16°55 | 6°51  | 28°39  | 23°40 | 22°25 | 27°33  | 11°31  | 26°57  | 25°19 | 14°30 | 23°15  | T 14 |
| F 15 | 21 30 52 | 21°25'15 | 1♍40  | 17°21  | 18° 6 | 7°30  | 28°37  | 23°44 | 22°27 | 27°34  | 11°29  | 26°49  | 25°16 | 14°36 | 23°12  | F 15 |
| S 16 | 21 34 48 | 22°22'58 | 16°48 | 17°51  | 19°17 | 8° 9  | 28°35  | 23°49 | 22°29 | 27°34  | 11°28  | 26°41  | 25°13 | 14°43 | 23° 9  | S 16 |
| S 17 | 21 38 45 | 23°20'43 | 1♏38  | 18°17  | 20°29 | 8°48  | 28°33  | 23°53 | 22°32 | 27°34  | 11°27  | 26°33  | 25° 9 | 14°50 | 23° 6  | S 17 |
| M 18 | 21 42 41 | 24°18'29 | 16° 2 | 18°39  | 21°40 | 9°27  | 28°32  | 23°58 | 22°34 | 27°34  | 11°26  | 26°26  | 25° 6 | 14°57 | 23° 3  | M 18 |
| T 19 | 21 46 38 | 25°16'16 | 29°58 | 18°55  | 22°52 | 10° 6 | 28°30  | 24° 3 | 22°36 | 27°35  | 11°25  | 26°21  | 25° 3 | 15° 3 | 23° 1  | T 19 |
| W 20 | 21 50 34 | 26°14'04 | 13♏25 | 19° 7  | 24° 3 | 10°45 | 28°29  | 24° 8 | 22°39 | 27°35  | 11°24  | 26°19  | 25° 0 | 15°10 | 22°58  | W 20 |
| T 21 | 21 54 31 | 27°11'54 | 26°24 | 19°13  | 25°15 | 11°24 | 28°28  | 24°13 | 22°41 | 27°35  | 11°22  | 26°D18 | 24°57 | 15°17 | 22°55  | T 21 |
| F 22 | 21 58 27 | 28° 9'45 | 9♏ 1  | 19°R14 | 26°27 | 12° 3 | 28°27  | 24°18 | 22°44 | 27°36  | 11°21  | 26°18  | 24°53 | 15°23 | 22°53  | F 22 |
| S 23 | 22 2 24  | 29° 7'36 | 21°19 | 19° 9  | 27°38 | 12°41 | 28°26  | 24°23 | 22°46 | 27°36  | 11°20  | 26°R19 | 24°50 | 15°30 | 22°50  | S 23 |
| S 24 | 22 6 21  | 0♍ 5'30  | 3♊23  | 18°58  | 28°50 | 13°20 | 28°26  | 24°28 | 22°49 | 27°36  | 11°19  | 26°19  | 24°47 | 15°37 | 22°48  | S 24 |
| M 25 | 22 10 17 | 1° 3'24  | 15°19 | 18°42  | 0♏ 2  | 13°58 | 28°26  | 24°33 | 22°52 | 27°37  | 11°17  | 26°17  | 24°44 | 15°43 | 22°45  | M 25 |
| T 26 | 22 14 14 | 2° 1'20  | 27°10 | 18°19  | 1°14  | 14°37 | 28°D25 | 24°39 | 22°54 | 27°37  | 11°16  | 26°13  | 24°41 | 15°50 | 22°43  | T 26 |
| W 27 | 22 18 10 | 2°59'17  | 8♋59  | 17°50  | 2°26  | 15°15 | 28°26  | 24°44 | 22°57 | 27°38  | 11°15  | 26° 6  | 24°38 | 15°57 | 22°40  | W 27 |
| T 28 | 22 22 7  | 3°57'16  | 20°50 | 17°15  | 3°39  | 15°53 | 28°26  | 24°49 | 23° 0 | 27°39  | 11°14  | 25°57  | 24°34 | 16° 3 | 22°38  | T 28 |
| F 29 | 22 26 3  | 4°55'16  | 2♋44  | 16°35  | 4°51  | 16°32 | 28°26  | 24°55 | 23° 3 | 27°39  | 11°13  | 25°45  | 24°31 | 16°10 | 22°36  | F 29 |
| S 30 | 22 30 0  | 5°53'17  | 14°43 | 15°50  | 6° 3  | 17°10 | 28°27  | 25° 0 | 23° 5 | 27°40  | 11°11  | 25°33  | 24°28 | 16°17 | 22°34  | S 30 |
| S 31 | 22 33 56 | 6♍51'21  | 26♋48 | 15♍ 0  | 7♏16  | 17♊48 | 28♏28  | 25♏ 6 | 23♏ 8 | 27♏40  | 11♋10  | 25♏20  | 24♏25 | 16♋24 | 22♋32  | S 31 |

| Day  | ☉     | ☾     |      | ♀    |      | ♀     |      | ♂     |      | ♂     |      | ♂    |      | ♂    |      | ♂     |      | ♂     |       | ♂     |       | ♂     |       | ♂    |     | ♂    |     |
|------|-------|-------|------|------|------|-------|------|-------|------|-------|------|------|------|------|------|-------|------|-------|-------|-------|-------|-------|-------|------|-----|------|-----|
|      | decl  | decl  | lat  | decl | lat  | decl  | lat  | decl  | lat  | decl  | lat  | decl | lat  | decl | lat  | decl  | lat  | decl  | lat   | decl  | lat   | decl  | lat   | decl | lat | decl | lat |
| F 1  | 18n17 | 9s33  | 4n17 | 9n30 | 0s26 | 22n10 | 1s17 | 23n47 | 0n20 | 23s24 | 0n 3 | 6s37 | 2n25 | 8s 3 | 0n34 | 17s59 | 1n42 | 20s13 | 14s10 | 23s27 | 23s24 | 13s18 | 13s54 | 7n33 |     |      |     |
| S 2  | 18 2  | 4 59  | 4 47 | 8 54 | 0 37 | 22 12 | 1 14 | 23 48 | 0 21 | 23 24 | 0 3  | 6 39 | 2 25 | 8 4  | 0 34 | 17 59 | 1 42 | 20 13 | 14 10 | 23 26 | 23 24 | 13 15 | 13 55 | 7 33 |     |      |     |
| S 3  | 17 47 | 0 13  | 5 4  | 8 18 | 0 47 | 22 13 | 1 11 | 23 49 | 0 21 | 23 25 | 0 3  | 6 40 | 2 25 | 8 4  | 0 34 | 17 59 | 1 42 | 20 14 | 14 11 | 23 26 | 23 24 | 13 13 | 13 55 | 7 33 |     |      |     |
| M 4  | 17 32 | 4n36  | 5 8  | 7 43 | 0 57 | 22 14 | 1 8  | 23 50 | 0 22 | 23 25 | 0 3  | 6 42 | 2 25 | 8 5  | 0 34 | 17 59 | 1 42 | 20 15 | 14 11 | 23 26 | 23 24 | 13 11 | 13 56 | 7 33 |     |      |     |
| T 5  | 17 16 | 9 18  | 4 59 | 7 9  | 1 8  | 22 14 | 1 5  | 23 51 | 0 23 | 23 25 | 0 3  | 6 44 | 2 25 | 8 6  | 0 34 | 17 59 | 1 42 | 20 15 | 14 11 | 23 26 | 23 24 | 13 8  | 13 57 | 7 32 |     |      |     |
| W 6  | 17 0  | 13 42 | 4 35 | 6 35 | 1 19 | 22 13 | 1 2  | 23 51 | 0 24 | 23 25 | 0 3  | 6 45 | 2 24 | 8 6  | 0 34 | 17 59 | 1 42 | 20 16 | 14 11 | 23 26 | 23 24 | 13 6  | 13 58 | 7 32 |     |      |     |
| T 7  | 16 43 | 17 36 | 3 57 | 6 2  | 1 30 | 22 12 | 0 59 | 23 51 | 0 24 | 23 25 | 0 3  | 6 47 | 2 24 | 8 7  | 0 34 | 17 59 | 1 42 | 20 16 | 14 11 | 23 26 | 23 24 | 13 3  | 13 58 | 7 32 |     |      |     |
| F 8  | 16 27 | 20 46 | 3 6  | 5 30 | 1 41 | 22 11 | 0 56 | 23 51 | 0 25 | 23 25 | 0 2  | 6 49 | 2 24 | 8 8  | 0 34 | 17 59 | 1 42 | 20 17 | 14 12 | 23 26 | 23 24 | 13 1  | 13 59 | 7 32 |     |      |     |
| S 9  | 16 10 | 22 54 | 2 4  | 4 58 | 1 52 | 22 8  | 0 52 | 23 51 | 0 26 | 23 25 | 0 2  | 6 50 | 2 24 | 8 9  | 0 34 | 17 59 | 1 42 | 20 18 | 14 12 | 23 26 | 23 23 | 12 58 | 14 0  | 7 31 |     |      |     |
| S 10 | 15 52 | 23 44 | 0 53 | 4 28 | 2 3  | 22 5  | 0 49 | 23 51 | 0 27 | 23 25 | 0 2  | 6 52 | 2 23 | 8 9  | 0 34 | 17 59 | 1 42 | 20 18 | 14 12 | 23 26 | 23 23 | 12 56 | 14 1  | 7 31 |     |      |     |
| M11  | 15 35 | 23 4  | 0s24 | 3 59 | 2 14 | 22 2  | 0 46 | 23 50 | 0 28 | 23 25 | 0 2  | 6 54 | 2 23 | 8 10 | 0 34 | 17 59 | 1 42 | 20 19 | 14 12 | 23 26 | 23 23 | 12 53 | 14 1  | 7 31 |     |      |     |
| T 12 | 15 17 | 20 49 | 1 41 | 3 31 | 2 25 | 21 57 | 0 43 | 23 49 | 0 28 | 23 26 | 0 2  | 6 56 | 2 23 | 8 11 | 0 34 | 17 59 | 1 42 | 20 19 | 14 12 | 23 26 | 23 23 | 12 51 | 14 2  | 7 31 |     |      |     |
| W13  | 14 59 | 17 7  | 2 52 | 3 5  | 2 36 | 21 53 | 0 40 | 23 48 | 0 29 | 23 26 | 0 2  | 6 57 | 2 23 | 8 12 | 0 34 | 17 59 | 1 41 | 20 20 | 14 13 | 23 26 | 23 23 | 12 49 | 14 3  | 7 30 |     |      |     |
| T 14 | 14 41 | 12 14 | 3 53 | 2 40 | 2 47 | 21 47 | 0 37 | 23 47 | 0 30 | 23 26 | 0 2  | 6 59 | 2 23 | 8 13 | 0 34 | 17 59 | 1 41 | 20 21 | 14 13 | 23 26 | 23 23 | 12 46 | 14 4  | 7 30 |     |      |     |
| F 15 | 14 23 | 6 35  | 4 37 | 2 16 | 2 58 | 21 41 | 0 33 | 23 46 | 0 31 | 23 26 | 0 2  | 7 1  | 2 22 | 8 14 | 0 34 | 17 59 | 1 41 | 20 21 | 14 13 | 23 26 | 23 23 | 12 44 | 14 4  | 7 30 |     |      |     |
| S 16 | 14 4  | 0 36  | 5 1  | 1 55 | 3 9  | 21 35 | 0 30 | 23 44 | 0 31 | 23 26 | 0 1  | 7 3  | 2 22 | 8 15 | 0 34 | 18 0  | 1 41 | 20 22 | 14 13 | 23 25 | 23 23 | 12 41 | 14 5  | 7 30 |     |      |     |
| S 17 | 13 45 | 5s18  | 5 4  | 1 35 | 3 19 | 21 27 | 0 27 | 23 42 | 0 32 | 23 26 | 0 1  | 7 5  | 2 22 | 8 15 | 0 33 | 18 0  | 1 41 | 20 22 | 14 13 | 23 25 | 23 23 | 12 39 | 14 6  | 7 29 |     |      |     |
| M18  | 13 26 | 10 44 | 4 48 | 1 17 | 3 29 | 21 19 | 0 24 | 23 40 | 0 33 | 23 26 | 0 1  | 7 7  | 2 22 | 8 16 | 0 33 | 18 0  | 1 41 | 20 23 | 14 13 | 23 25 | 23 22 | 12 36 | 14 7  | 7 29 |     |      |     |
| T 19 | 13 7  | 15 27 | 4 15 | 1 2  | 3 39 | 21 11 | 0 21 | 23 38 | 0 34 | 23 26 | 0 1  | 7 9  | 2 21 | 8 17 | 0 33 | 18 0  | 1 41 | 20 23 | 14 13 | 23 25 | 23 22 | 12 34 | 14 7  | 7 29 |     |      |     |
| W20  | 12 47 | 19 12 | 3 29 | 0 49 | 3 48 | 21 2  | 0 18 | 23 36 | 0 34 | 23 26 | 0 1  | 7 11 | 2 21 | 8 18 | 0 33 | 18 0  | 1 41 | 20 24 | 14 14 | 23 25 | 23 22 | 12 31 | 14 8  | 7 28 |     |      |     |
| T 21 | 12 27 | 21 51 | 2 33 | 0 39 | 3 56 | 20 52 | 0 15 | 23 34 | 0 35 | 23 27 | 0 1  | 7 13 | 2 21 | 8 19 | 0 33 | 18 0  | 1 41 | 20 25 | 14 14 | 23 25 | 23 22 | 12 29 | 14 9  | 7 28 |     |      |     |
| F 22 | 12 7  | 23 20 | 1 31 | 0 31 | 4 4  | 20 42 | 0 11 | 23 31 | 0 36 | 23 27 | 0 1  | 7 15 | 2 21 | 8 20 | 0 33 | 18 0  | 1 41 | 20 25 | 14 14 | 23 25 | 23 22 | 12 26 | 14 10 | 7 28 |     |      |     |
| S 23 | 11 47 | 23 37 | 0 27 | 0 27 | 4 11 | 20 31 | 0 8  | 23 28 | 0 37 | 23 27 | 0 0  | 7 17 | 2 21 | 8 21 | 0 33 | 18 0  | 1 41 | 20 26 | 14 14 | 23 25 | 23 22 | 12 24 | 14 10 | 7 27 |     |      |     |
| S 24 | 11 27 | 22 48 | 0n38 | 0 25 | 4 17 | 20 20 | 0 5  | 23 25 | 0 38 | 23 27 | 0 0  | 7 19 | 2 21 | 8 22 | 0 33 | 18 1  | 1 41 | 20 26 | 14 14 | 23 25 | 23 22 | 12 21 | 14 11 | 7 27 |     |      |     |
| M25  | 11 7  | 20 56 | 1 40 | 0 27 | 4 22 | 20 8  | 0 2  | 23 22 | 0 38 | 23 27 | 0 0  | 7 21 | 2 20 | 8 23 | 0 33 | 18 1  | 1 41 | 20 27 | 14 14 | 23 25 | 23 22 | 12 19 | 14 12 | 7 27 |     |      |     |
| T 26 | 10 46 | 18 11 | 2 37 | 0 32 | 4 26 | 19 55 | 0n 1 | 23 19 | 0 39 | 23 27 | 0 0  | 7 23 | 2 20 | 8 24 | 0 33 | 18 1  | 1 41 | 20 27 | 14 14 | 23 25 | 23 21 | 12 16 | 14 13 | 7 26 |     |      |     |
| W27  | 10 25 | 14 42 | 3 26 | 0 41 | 4 29 | 19 42 | 0 4  | 23 15 | 0 40 | 23 27 | 0s 0 | 7 25 | 2 20 | 8 25 | 0 33 | 18 1  | 1 41 | 20 28 | 14 14 | 23 24 | 23 21 | 12 14 | 14 13 | 7 26 |     |      |     |
| T 28 | 10 4  | 10 39 | 4 7  | 0 54 | 4 30 | 19 28 | 0 7  | 23 12 | 0 41 | 23 27 | 0 0  | 7 27 | 2 20 | 8 26 | 0 33 | 18 1  | 1 41 | 20 29 | 14 14 | 23 24 | 23 21 | 12 11 | 14 14 | 7 25 |     |      |     |
| F 29 | 9 43  | 6 11  | 4 38 | 1 9  | 4 30 | 19 14 | 0 10 | 23 8  | 0 42 | 23 28 | 0 0  | 7 29 | 2 20 | 8 27 | 0 33 | 18 1  | 1 41 | 20 29 | 14 14 | 23 24 | 23 21 | 12 9  | 14 15 | 7 25 |     |      |     |
| S 30 | 9 22  | 1 28  | 4 56 | 1 29 | 4 27 | 18 59 | 0 13 | 23 4  | 0 42 | 23 28 | 0 0  | 7 32 | 2 19 | 8 28 | 0 33 | 18 2  | 1 40 | 20 30 | 14 15 | 23 23 | 23 21 | 12 6  | 14 16 | 7 25 |     |      |     |
| S 31 | 9n 0  | 3n20  | 5n 1 | 1n52 | 4s23 | 18n44 | 0n16 | 23n 0 | 0n43 | 23s28 | 0s 1 | 7s34 | 2n19 | 8s29 | 0n33 | 18s 2 | 1n40 | 20s30 | 14s15 | 23s23 | 23s21 | 12s 4 | 14s16 | 7n24 |     |      |     |

ASTRODIENST EPHEMERIS for the year 1806  
geocentric

SEPTEMBER 1806

00:00 UT

| Day  | Sid.t    | ☉        | ☽     | ♀      | ♂     | ♂     | ♂     | ♂     | ♂     | ♂     | ♂      | ♂      | ♂     | ♂     | ♂      | Day  |
|------|----------|----------|-------|--------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|--------|------|
| M 1  | 22 37 53 | 7♎49'26  | 9♏ 1  | 14°R 7 | 8♏28  | 18♏26 | 28♏29 | 25♏11 | 23♏11 | 27♎41 | 11°R 9 | 25°R 8 | 24♏22 | 16♏30 | 22°R30 | M 1  |
| T 2  | 22 41 50 | 8°47'33  | 21°22 | 13♎10  | 9°41  | 19° 4 | 28°30 | 25°17 | 23°14 | 27°42 | 11♏ 8  | 24♏58  | 24°18 | 16°37 | 22♏28  | T 2  |
| W 3  | 22 45 46 | 9°45'42  | 3♏54  | 12°12  | 10°53 | 19°42 | 28°31 | 25°23 | 23°17 | 27°43 | 11° 6  | 24°51  | 24°15 | 16°44 | 22°26  | W 3  |
| T 4  | 22 49 43 | 10°43'53 | 16°39 | 11°13  | 12° 6 | 20°19 | 28°33 | 25°29 | 23°20 | 27°43 | 11° 5  | 24°46  | 24°12 | 16°50 | 22°24  | T 4  |
| F 5  | 22 53 39 | 11°42'06 | 29°39 | 10°15  | 13°18 | 20°57 | 28°35 | 25°35 | 23°23 | 27°44 | 11° 4  | 24°44  | 24° 9 | 16°57 | 22°22  | F 5  |
| S 6  | 22 57 36 | 12°40'21 | 12♏58 | 9°19   | 14°31 | 21°35 | 28°37 | 25°40 | 23°26 | 27°45 | 11° 3  | 24°D44 | 24° 6 | 17° 4 | 22°20  | S 6  |
| S 7  | 23 1 32  | 13°38'38 | 26°38 | 8°26   | 15°44 | 22°12 | 28°39 | 25°46 | 23°29 | 27°46 | 11° 1  | 24°R44 | 24° 3 | 17°10 | 22°19  | S 7  |
| M 8  | 23 5 29  | 14°36'58 | 10♏41 | 7°38   | 16°57 | 22°50 | 28°41 | 25°52 | 23°32 | 27°47 | 11° 0  | 24°43  | 23°59 | 17°17 | 22°17  | M 8  |
| T 9  | 23 9 25  | 15°35'19 | 25° 7 | 6°56   | 18°10 | 23°27 | 28°44 | 25°59 | 23°36 | 27°48 | 10°59  | 24°41  | 23°56 | 17°24 | 22°16  | T 9  |
| W10  | 23 13 22 | 16°33'43 | 9♏53  | 6°20   | 19°23 | 24° 5 | 28°46 | 26° 5 | 23°39 | 27°49 | 10°58  | 24°35  | 23°53 | 17°30 | 22°14  | W10  |
| T 11 | 23 17 19 | 17°32'08 | 24°55 | 5°52   | 20°36 | 24°42 | 28°49 | 26°11 | 23°42 | 27°50 | 10°56  | 24°28  | 23°50 | 17°37 | 22°13  | T 11 |
| F 12 | 23 21 15 | 18°30'35 | 10♎ 2 | 5°33   | 21°49 | 25°19 | 28°52 | 26°17 | 23°45 | 27°51 | 10°55  | 24°18  | 23°47 | 17°44 | 22°11  | F 12 |
| S 13 | 23 25 12 | 19°29'05 | 25° 6 | 5°23   | 23° 2 | 25°56 | 28°56 | 26°23 | 23°48 | 27°52 | 10°54  | 24° 6  | 23°44 | 17°51 | 22°10  | S 13 |
| S 14 | 23 29 8  | 20°27'36 | 9♏57  | 5°D21  | 24°16 | 26°33 | 28°59 | 26°30 | 23°52 | 27°53 | 10°53  | 23°55  | 23°40 | 17°57 | 22° 9  | S 14 |
| M15  | 23 33 5  | 21°26'09 | 24°25 | 5°30   | 25°29 | 27°10 | 29° 3 | 26°36 | 23°55 | 27°54 | 10°51  | 23°45  | 23°37 | 18° 4 | 22° 8  | M15  |
| T 16 | 23 37 1  | 22°24'44 | 8♎25  | 5°48   | 26°42 | 27°47 | 29° 6 | 26°42 | 23°58 | 27°55 | 10°50  | 23°38  | 23°34 | 18°11 | 22° 7  | T 16 |
| W17  | 23 40 58 | 23°23'20 | 21°57 | 6°15   | 27°56 | 28°24 | 29°10 | 26°49 | 24° 2 | 27°56 | 10°49  | 23°33  | 23°31 | 18°17 | 22° 6  | W17  |
| T 18 | 23 44 54 | 24°21'58 | 5♏ 0  | 6°51   | 29° 9 | 29° 0 | 29°14 | 26°55 | 24° 5 | 27°58 | 10°48  | 23°31  | 23°28 | 18°24 | 22° 5  | T 18 |
| F 19 | 23 48 51 | 25°20'38 | 17°39 | 7°36   | 0♎23  | 29°37 | 29°19 | 27° 2 | 24° 8 | 27°59 | 10°47  | 23°30  | 23°24 | 18°31 | 22° 4  | F 19 |
| S 20 | 23 52 48 | 26°19'20 | 29°58 | 8°29   | 1°36  | 0♏13  | 29°23 | 27° 8 | 24°12 | 28° 0 | 10°45  | 23°30  | 23°21 | 18°37 | 22° 3  | S 20 |
| S 21 | 23 56 44 | 27°18'03 | 12♏ 2 | 9°30   | 2°50  | 0°50  | 29°28 | 27°15 | 24°15 | 28° 1 | 10°44  | 23°29  | 23°18 | 18°44 | 22° 3  | S 21 |
| M22  | 0 0 41   | 28°16'48 | 23°56 | 10°37  | 4° 4  | 1°26  | 29°33 | 27°22 | 24°19 | 28° 3 | 10°43  | 23°27  | 23°15 | 18°51 | 22° 2  | M22  |
| T 23 | 0 4 37   | 29°15'35 | 5♏46  | 11°51  | 5°18  | 2° 2  | 29°38 | 27°28 | 24°22 | 28° 4 | 10°42  | 23°23  | 23°12 | 18°58 | 22° 1  | T 23 |
| W24  | 0 8 34   | 0♏14'23  | 17°36 | 13°11  | 6°31  | 2°38  | 29°43 | 27°35 | 24°26 | 28° 6 | 10°41  | 23°15  | 23° 9 | 19° 4 | 22° 1  | W24  |
| T 25 | 0 12 30  | 1°13'13  | 29°29 | 14°36  | 7°45  | 3°15  | 29°48 | 27°42 | 24°29 | 28° 7 | 10°39  | 23° 5  | 23° 5 | 19°11 | 22° 0  | T 25 |
| F 26 | 0 16 27  | 2°12'06  | 11♏29 | 16° 5  | 8°59  | 3°51  | 29°54 | 27°48 | 24°33 | 28° 8 | 10°38  | 22°53  | 23° 2 | 19°18 | 22° 0  | F 26 |
| S 27 | 0 20 23  | 3°11'00  | 23°36 | 17°38  | 10°13 | 4°26  | 29°59 | 27°55 | 24°36 | 28°10 | 10°37  | 22°40  | 22°59 | 19°24 | 22° 0  | S 27 |
| S 28 | 0 24 20  | 4° 9'56  | 5♏53  | 19°14  | 11°27 | 5° 2  | 0♏ 5  | 28° 2 | 24°40 | 28°11 | 10°36  | 22°26  | 22°56 | 19°31 | 22° 0  | S 28 |
| M29  | 0 28 16  | 5° 8'54  | 18°20 | 20°52  | 12°41 | 5°38  | 0°11  | 28° 9 | 24°44 | 28°13 | 10°35  | 22°14  | 22°53 | 19°38 | 22° 0  | M29  |
| T 30 | 0 32 13  | 6♏ 7'54  | 0♏56  | 22♎33  | 13♎55 | 6♏13  | 0♏17  | 28♏16 | 24♏47 | 28♎14 | 10♏34  | 22♏ 3  | 22♏49 | 19♏44 | 22°D 0 | T 30 |

| Day  | ☉    | ☽     |      | ♀    |      | ♀     |      | ♂     |      | ♂     |      | ♂    |      | ♂    |      | ♂     |      | ♂     |       | ♂     |       | ♂     |       | ♂    |     | ♂    |     |
|------|------|-------|------|------|------|-------|------|-------|------|-------|------|------|------|------|------|-------|------|-------|-------|-------|-------|-------|-------|------|-----|------|-----|
|      | decl | decl  | lat  | decl | lat  | decl  | lat  | decl  | lat  | decl  | lat  | decl | lat  | decl | lat  | decl  | lat  | decl  | lat   | decl  | lat   | decl  | lat   | decl | lat | decl | lat |
| M 1  | 8n39 | 8n 3  | 4n53 | 2n18 | 4s18 | 18n28 | 0n18 | 22n55 | 0n44 | 23s28 | 0s 1 | 7s36 | 2n19 | 8s30 | 0n33 | 18s 2 | 1n40 | 20s31 | 14s15 | 23s22 | 23s21 | 12s 1 | 14s17 | 7n24 |     |      |     |
| T 2  | 8 17 | 12 31 | 4 30 | 2 47 | 4 10 | 18 11 | 0 21 | 22 51 | 0 45 | 23 28 | 0 1  | 7 38 | 2 19 | 8 32 | 0 33 | 18 2  | 1 40 | 20 31 | 14 15 | 23 22 | 23 21 | 11 59 | 14 18 | 7 23 |     |      |     |
| W 3  | 7 55 | 16 31 | 3 55 | 3 18 | 4 0  | 17 54 | 0 24 | 22 46 | 0 46 | 23 28 | 0 1  | 7 40 | 2 19 | 8 33 | 0 33 | 18 3  | 1 40 | 20 32 | 14 15 | 23 22 | 23 20 | 11 56 | 14 18 | 7 23 |     |      |     |
| T 4  | 7 33 | 19 49 | 3 7  | 3 51 | 3 48 | 17 37 | 0 27 | 22 41 | 0 46 | 23 28 | 0 1  | 7 43 | 2 19 | 8 34 | 0 33 | 18 3  | 1 40 | 20 32 | 14 15 | 23 22 | 23 20 | 11 54 | 14 19 | 7 23 |     |      |     |
| F 5  | 7 11 | 22 12 | 2 9  | 4 25 | 3 35 | 17 19 | 0 29 | 22 36 | 0 47 | 23 29 | 0 1  | 7 45 | 2 18 | 8 35 | 0 33 | 18 3  | 1 40 | 20 33 | 14 15 | 23 22 | 23 20 | 11 51 | 14 20 | 7 22 |     |      |     |
| S 6  | 6 49 | 23 24 | 1 2  | 5 0  | 3 20 | 17 0  | 0 32 | 22 31 | 0 48 | 23 29 | 0 1  | 7 47 | 2 18 | 8 36 | 0 33 | 18 3  | 1 40 | 20 33 | 14 15 | 23 22 | 23 20 | 11 49 | 14 21 | 7 22 |     |      |     |
| S 7  | 6 26 | 23 15 | 0s10 | 5 35 | 3 3  | 16 41 | 0 35 | 22 26 | 0 49 | 23 29 | 0 1  | 7 50 | 2 18 | 8 37 | 0 33 | 18 4  | 1 40 | 20 34 | 14 15 | 23 22 | 23 20 | 11 46 | 14 21 | 7 21 |     |      |     |
| M 8  | 6 4  | 21 39 | 1 23 | 6 9  | 2 46 | 16 22 | 0 37 | 22 21 | 0 50 | 23 29 | 0 2  | 7 52 | 2 18 | 8 38 | 0 33 | 18 4  | 1 40 | 20 34 | 14 15 | 23 22 | 23 20 | 11 44 | 14 22 | 7 21 |     |      |     |
| T 9  | 5 41 | 18 37 | 2 33 | 6 42 | 2 27 | 16 2  | 0 40 | 22 15 | 0 50 | 23 29 | 0 2  | 7 54 | 2 18 | 8 40 | 0 33 | 18 4  | 1 40 | 20 35 | 14 15 | 23 21 | 23 20 | 11 41 | 14 23 | 7 20 |     |      |     |
| W10  | 5 19 | 14 21 | 3 34 | 7 13 | 2 8  | 15 42 | 0 42 | 22 10 | 0 51 | 23 29 | 0 2  | 7 57 | 2 18 | 8 41 | 0 33 | 18 4  | 1 40 | 20 35 | 14 15 | 23 21 | 23 19 | 11 39 | 14 23 | 7 20 |     |      |     |
| T 11 | 4 56 | 9 7   | 4 22 | 7 41 | 1 48 | 15 21 | 0 45 | 22 4  | 0 52 | 23 29 | 0 2  | 7 59 | 2 18 | 8 42 | 0 33 | 18 5  | 1 40 | 20 36 | 14 15 | 23 21 | 23 19 | 11 36 | 14 24 | 7 19 |     |      |     |
| F 12 | 4 33 | 3 19  | 4 51 | 8 7  | 1 29 | 14 59 | 0 47 | 21 58 | 0 53 | 23 30 | 0 2  | 8 1  | 2 17 | 8 43 | 0 33 | 18 5  | 1 40 | 20 36 | 14 15 | 23 20 | 23 19 | 11 34 | 14 25 | 7 19 |     |      |     |
| S 13 | 4 10 | 2s39  | 5 0  | 8 29 | 1 9  | 14 38 | 0 49 | 21 52 | 0 54 | 23 30 | 0 2  | 8 4  | 2 17 | 8 44 | 0 33 | 18 5  | 1 40 | 20 37 | 14 15 | 23 20 | 23 19 | 11 31 | 14 25 | 7 18 |     |      |     |
| S 14 | 3 47 | 8 22  | 4 49 | 8 47 | 0 50 | 14 16 | 0 52 | 21 45 | 0 55 | 23 30 | 0 2  | 8 6  | 2 17 | 8 46 | 0 33 | 18 5  | 1 40 | 20 37 | 14 15 | 23 19 | 23 19 | 11 29 | 14 26 | 7 18 |     |      |     |
| M15  | 3 24 | 13 29 | 4 19 | 9 1  | 0 32 | 13 53 | 0 54 | 21 39 | 0 55 | 23 30 | 0 2  | 8 8  | 2 17 | 8 47 | 0 33 | 18 6  | 1 40 | 20 38 | 14 15 | 23 19 | 23 19 | 11 26 | 14 27 | 7 17 |     |      |     |
| T 16 | 3 1  | 17 42 | 3 34 | 9 11 | 0 14 | 13 30 | 0 56 | 21 33 | 0 56 | 23 30 | 0 2  | 8 11 | 2 17 | 8 48 | 0 33 | 18 6  | 1 39 | 20 38 | 14 15 | 23 19 | 23 18 | 11 24 | 14 27 | 7 17 |     |      |     |
| W17  | 2 38 | 20 49 | 2 39 | 9 16 | 0n 3 | 13 7  | 0 58 | 21 26 | 0 57 | 23 30 | 0 3  | 8 13 | 2 17 | 8 49 | 0 33 | 18 6  | 1 39 | 20 39 | 14 15 | 23 18 | 23 18 | 11 21 | 14 28 | 7 16 |     |      |     |
| T 18 | 2 14 | 22 44 | 1 36 | 9 17 | 0 18 | 12 43 | 1 0  | 21 19 | 0 58 | 23 30 | 0 3  | 8 16 | 2 17 | 8 51 | 0 33 | 18 7  | 1 39 | 20 39 | 14 15 | 23 18 | 23 18 | 11 19 | 14 29 | 7 16 |     |      |     |
| F 19 | 1 51 | 23 24 | 0 31 | 9 14 | 0 33 | 12 19 | 1 2  | 21 13 | 0 59 | 23 31 | 0 3  | 8 18 | 2 16 | 8 52 | 0 33 | 18 7  | 1 39 | 20 39 | 14 15 | 23 18 | 23 18 | 11 16 | 14 29 | 7 15 |     |      |     |
| S 20 | 1 28 | 22 54 | 0n34 | 9 7  | 0 46 | 11 55 | 1 4  | 21 6  | 1 0  | 23 31 | 0 3  | 8 21 | 2 16 | 8 53 | 0 33 | 18 7  | 1 39 | 20 40 | 14 15 | 23 18 | 23 18 | 11 14 | 14 30 | 7 15 |     |      |     |
| S 21 | 1 4  | 21 19 | 1 36 | 8 55 | 0 58 | 11 30 | 1 6  | 20 59 | 1 0  | 23 31 | 0 3  | 8 23 | 2 16 | 8 55 | 0 33 | 18 8  | 1 39 | 20 40 | 14 14 | 23 18 | 23 18 | 11 11 | 14 31 | 7 14 |     |      |     |
| M22  | 0 41 | 18 49 | 2 34 | 8 40 | 1 9  | 11 5  | 1 8  | 20 51 | 1 1  | 23 31 | 0 3  | 8 26 | 2 16 | 8 56 | 0 33 | 18 8  | 1 39 | 20 41 | 14 14 | 23 18 | 23 18 | 11 9  | 14 31 | 7 14 |     |      |     |
| T 23 | 0 18 | 15 33 | 3 24 | 8 20 | 1 19 | 10 40 | 1 10 | 20 44 | 1 2  | 23 31 | 0 3  | 8 28 | 2 16 | 8 57 | 0 33 | 18 8  | 1 39 | 20 41 | 14 14 | 23 18 | 23 17 | 11 6  | 14 32 | 7 13 |     |      |     |
| W24  | 0s 6 | 11 41 | 4 5  | 7 57 | 1 27 | 10 14 | 1 11 | 20 37 | 1 3  | 23 31 | 0 3  | 8 31 | 2 16 | 8 58 | 0 33 | 18 9  | 1 39 | 20 41 | 14 14 | 23 18 | 23 17 | 11 4  | 14 32 | 7 13 |     |      |     |
| T 25 | 0 29 | 7 22  | 4 36 | 7 31 | 1 34 | 9 48  | 1 13 | 20 29 | 1 4  | 23 31 | 0 3  | 8 33 | 2 16 | 9 0  | 0 33 | 18 9  | 1 39 | 20 42 | 14 14 | 23 17 | 23 17 | 11 1  | 14 33 | 7 12 |     |      |     |
| F 26 | 0 53 | 2 44  | 4 54 | 7 2  | 1 40 | 9 22  | 1 14 | 20 22 | 1 5  | 23 31 | 0 4  | 8 36 | 2 16 | 9 1  | 0 32 | 18 9  | 1 39 | 20 42 | 14 14 | 23 16 | 23 17 | 10 59 | 14 33 | 7 12 |     |      |     |
| S 27 | 1 16 | 2n 3  | 5 0  | 6 30 | 1 45 | 8 55  | 1 16 | 20 14 | 1 6  | 23 31 | 0 4  | 8 38 | 2 16 | 9 2  | 0 32 | 18 10 | 1 39 | 20 42 | 14 14 | 23 16 | 23 17 | 10 56 | 14 34 | 7 11 |     |      |     |
| S 28 | 1 39 | 6 48  | 4 52 | 5 56 | 1 49 | 8 28  | 1 17 | 20 6  | 1 6  | 23 32 | 0 4  | 8 41 | 2 16 | 9 4  | 0 32 | 18 10 | 1 39 | 20 43 | 14 14 | 23 15 | 23 17 | 10 54 | 14 35 | 7 11 |     |      |     |
| M29  | 2 3  | 11 21 | 4 30 | 5 20 | 1 52 | 8 1   | 1 19 | 19 58 | 1 7  | 23 32 | 0 4  | 8 43 | 2 15 | 9 5  | 0 32 | 18 11 | 1 39 | 20 43 | 14 14 | 23 14 | 23 16 | 10 51 | 14 35 | 7 10 |     |      |     |
| T 30 | 2s26 | 15n28 | 3n55 | 4n42 | 1n53 | 7n34  | 1n20 | 19n50 | 1n 8 | 23s32 | 0s 4 | 8s46 | 2n15 | 9s 6 | 0n32 | 18s11 | 1n39 | 20s43 | 14s14 | 23s14 | 23s16 | 10s49 | 14s36 | 7n10 |     |      |     |

ASTRODIENST EPHEMERIS for the year 1806  
geocentric

OCTOBER 1806

00:00 UT

| Day  | Sid.t   | ☉        | ☽      | ♀      | ♂      | ♂      | ♂     | ♂      | ♂      | ♂      | ♂      | ♂      | ♂      | ♂      | ♂      | Day  |
|------|---------|----------|--------|--------|--------|--------|-------|--------|--------|--------|--------|--------|--------|--------|--------|------|
| W 1  | 0 36 10 | 7♌ 6'56  | 13♋ 43 | 24♏ 16 | 15♏ 9  | 6♏ 49  | 0♏ 23 | 28♏ 23 | 24♏ 51 | 28♏ 16 | 10°R33 | 21°R55 | 22♏ 46 | 19♏ 51 | 22♏ 0  | W 1  |
| T 2  | 0 40 6  | 8° 6'01  | 26°41  | 26° 0  | 16°23  | 7°24   | 0°30  | 28°30  | 24°55  | 28°17  | 10°K32 | 21°K50 | 22°43  | 19°58  | 22° 0  | T 2  |
| F 3  | 0 44 3  | 9° 5'08  | 9♏ 11  | 27°44  | 17°37  | 8° 0   | 0°36  | 28°37  | 24°58  | 28°19  | 10°31  | 21°48  | 22°40  | 20° 5  | 22° 0  | F 3  |
| S 4  | 0 47 59 | 10° 4'17 | 23°14  | 29°30  | 18°52  | 8°35   | 0°43  | 28°44  | 25° 2  | 28°21  | 10°29  | 21°D47 | 22°37  | 20°11  | 22° 0  | S 4  |
| S 5  | 0 51 56 | 11° 3'29 | 6♏ 53  | 1♏ 16  | 20° 6  | 9°10   | 0°50  | 28°51  | 25° 6  | 28°22  | 10°28  | 21°R47 | 22°34  | 20°18  | 22° 1  | S 5  |
| M 6  | 0 55 52 | 12° 2'43 | 20°48  | 3° 2   | 21°20  | 9°45   | 0°57  | 28°58  | 25° 9  | 28°24  | 10°27  | 21°47  | 22°30  | 20°25  | 22° 1  | M 6  |
| T 7  | 0 59 49 | 13° 1'59 | 5♏ 0   | 4°48   | 22°35  | 10°20  | 1° 4  | 29° 5  | 25°13  | 28°26  | 10°26  | 21°45  | 22°27  | 20°31  | 22° 2  | T 7  |
| W 8  | 1 3 45  | 14° 1'17 | 19°27  | 6°35   | 23°49  | 10°55  | 1°11  | 29°12  | 25°17  | 28°27  | 10°25  | 21°41  | 22°24  | 20°38  | 22° 2  | W 8  |
| T 9  | 1 7 42  | 15° 0'38 | 4♏ 7   | 8°20   | 25° 4  | 11°30  | 1°19  | 29°19  | 25°20  | 28°29  | 10°24  | 21°34  | 22°21  | 20°45  | 22° 3  | T 9  |
| F 10 | 1 11 39 | 16° 0'01 | 18°52  | 10° 6  | 26°18  | 12° 4  | 1°27  | 29°26  | 25°24  | 28°31  | 10°23  | 21°26  | 22°18  | 20°51  | 22° 4  | F 10 |
| S 11 | 1 15 35 | 16°59'27 | 3♏ 37  | 11°51  | 27°33  | 12°39  | 1°34  | 29°33  | 25°28  | 28°33  | 10°22  | 21°15  | 22°15  | 20°58  | 22° 4  | S 11 |
| S 12 | 1 19 32 | 17°58'54 | 18°12  | 13°36  | 28°47  | 13°13  | 1°42  | 29°40  | 25°32  | 28°35  | 10°21  | 21° 5  | 22°11  | 21° 5  | 22° 5  | S 12 |
| M13  | 1 23 28 | 18°58'24 | 2♏ 30  | 15°20  | 0♏ 2   | 13°47  | 1°50  | 29°47  | 25°35  | 28°36  | 10°21  | 20°56  | 22° 8  | 21°12  | 22° 6  | M13  |
| T 14 | 1 27 25 | 19°57'55 | 16°25  | 17° 4  | 1°17   | 14°22  | 1°58  | 29°55  | 25°39  | 28°38  | 10°20  | 20°49  | 22° 5  | 21°18  | 22° 7  | T 14 |
| W15  | 1 31 21 | 20°57'29 | 29°56  | 18°47  | 2°31   | 14°56  | 2° 7  | 0♏ 2   | 25°43  | 28°40  | 10°19  | 20°45  | 22° 2  | 21°25  | 22° 8  | W15  |
| T 16 | 1 35 18 | 21°57'04 | 13♏ 1  | 20°29  | 3°46   | 15°30  | 2°15  | 0° 9   | 25°47  | 28°42  | 10°18  | 20°43  | 21°59  | 21°32  | 22°10  | T 16 |
| F 17 | 1 39 14 | 22°56'41 | 25°42  | 22°11  | 5° 1   | 16° 3  | 2°24  | 0°16   | 25°50  | 28°44  | 10°17  | 20°D43 | 21°55  | 21°38  | 22°11  | F 17 |
| S 18 | 1 43 11 | 23°56'20 | 8♏ 3   | 23°52  | 6°15   | 16°37  | 2°32  | 0°23   | 25°54  | 28°46  | 10°16  | 20°44  | 21°52  | 21°45  | 22°12  | S 18 |
| S 19 | 1 47 8  | 24°56'01 | 20°10  | 25°33  | 7°30   | 17°11  | 2°41  | 0°31   | 25°58  | 28°48  | 10°15  | 20°R44 | 21°49  | 21°52  | 22°13  | S 19 |
| M20  | 1 51 4  | 25°55'43 | 2♏ 6   | 27°12  | 8°45   | 17°44  | 2°50  | 0°38   | 26° 2  | 28°50  | 10°14  | 20°44  | 21°46  | 21°58  | 22°15  | M20  |
| T 21 | 1 55 1  | 26°55'27 | 13°57  | 28°52  | 10° 0  | 18°17  | 2°59  | 0°45   | 26° 5  | 28°52  | 10°14  | 20°42  | 21°43  | 22° 5  | 22°17  | T 21 |
| W22  | 1 58 57 | 27°55'13 | 25°48  | 0♏ 31  | 11°15  | 18°51  | 3° 8  | 0°52   | 26° 9  | 28°54  | 10°13  | 20°39  | 21°40  | 22°12  | 22°18  | W22  |
| T 23 | 2 2 54  | 28°55'00 | 7♏ 44  | 2° 9   | 12°30  | 19°24  | 3°18  | 1° 0   | 26°13  | 28°56  | 10°12  | 20°32  | 21°36  | 22°19  | 22°20  | T 23 |
| F 24 | 2 6 50  | 29°54'49 | 19°48  | 3°46   | 13°45  | 19°57  | 3°27  | 1° 7   | 26°17  | 28°58  | 10°11  | 20°24  | 21°33  | 22°25  | 22°22  | F 24 |
| S 25 | 2 10 47 | 0♏ 54'40 | 2°Y 4  | 5°23   | 15° 0  | 20°29  | 3°37  | 1°14   | 26°21  | 29° 0  | 10°11  | 20°15  | 21°30  | 22°32  | 22°23  | S 25 |
| S 26 | 2 14 43 | 1°54'33  | 14°32  | 7° 0   | 16°15  | 21° 2  | 3°46  | 1°21   | 26°24  | 29° 2  | 10°10  | 20° 6  | 21°27  | 22°39  | 22°25  | S 26 |
| M27  | 2 18 40 | 2°54'28  | 27°14  | 8°36   | 17°30  | 21°35  | 3°56  | 1°29   | 26°28  | 29° 4  | 10° 9  | 19°57  | 21°24  | 22°45  | 22°27  | M27  |
| T 28 | 2 22 37 | 3°54'24  | 10♏ 9  | 10°11  | 18°45  | 22° 7  | 4° 6  | 1°36   | 26°32  | 29° 6  | 10° 9  | 19°50  | 21°21  | 22°52  | 22°29  | T 28 |
| W29  | 2 26 33 | 4°54'23  | 23°17  | 11°47  | 20° 0  | 22°39  | 4°16  | 1°43   | 26°36  | 29° 8  | 10° 8  | 19°45  | 21°17  | 22°59  | 22°31  | W29  |
| T 30 | 2 30 30 | 5°54'24  | 6♏ 37  | 13°21  | 21°15  | 23°11  | 4°26  | 1°50   | 26°39  | 29°10  | 10° 7  | 19°42  | 21°14  | 23° 6  | 22°34  | T 30 |
| F 31 | 2 34 26 | 6♏ 54'26 | 20♏ 8  | 14♏ 55 | 22♏ 30 | 23♏ 43 | 4♏ 36 | 1♏ 58  | 26♏ 43 | 29♏ 12 | 10°K 7 | 19°D41 | 21♏ 11 | 23♏ 12 | 22♏ 36 | F 31 |

| Day  | ☉     | ☾     |      | ♀     |      | ♀    |      | ♂     |      | ♂     |      | ♂     |      | ♂    |      | ♂     |      | ♂     |       | ♂     |       | ♂     |       | ♂    |     | ♂    |     | ♂    |     |
|------|-------|-------|------|-------|------|------|------|-------|------|-------|------|-------|------|------|------|-------|------|-------|-------|-------|-------|-------|-------|------|-----|------|-----|------|-----|
|      | decl  | decl  | lat  | decl  | lat  | decl | lat  | decl  | lat  | decl  | lat  | decl  | lat  | decl | lat  | decl  | lat  | decl  | lat   | decl  | lat   | decl  | lat   | decl | lat | decl | lat | decl | lat |
| W 1  | 2s50  | 18n57 | 3n 7 | 4n 2  | 1n54 | 7n 6 | 1n21 | 19n42 | 1n 9 | 23s32 | 0s 4 | 8s48  | 2n15 | 9s 8 | 0n32 | 18s11 | 1n39 | 20s44 | 14s13 | 23s13 | 23s16 | 10s46 | 14s36 | 7n 9 |     |      |     |      |     |
| T 2  | 3 13  | 21 31 | 2 9  | 3 21  | 1 54 | 6 38 | 1 22 | 19 34 | 1 10 | 23 32 | 0 4  | 8 51  | 2 15 | 9 9  | 0 32 | 18 12 | 1 39 | 20 44 | 14 13 | 23 13 | 23 16 | 10 44 | 14 37 | 7 9  |     |      |     |      |     |
| F 3  | 3 36  | 22 59 | 1 3  | 2 38  | 1 54 | 6 11 | 1 23 | 19 26 | 1 11 | 23 32 | 0 4  | 8 53  | 2 15 | 9 10 | 0 32 | 18 12 | 1 39 | 20 44 | 14 13 | 23 13 | 23 16 | 10 41 | 14 37 | 7 8  |     |      |     |      |     |
| S 4  | 4 0   | 23 10 | 0s 8 | 1 55  | 1 52 | 5 42 | 1 24 | 19 17 | 1 12 | 23 32 | 0 4  | 8 56  | 2 15 | 9 12 | 0 32 | 18 13 | 1 39 | 20 45 | 14 13 | 23 13 | 23 15 | 10 39 | 14 38 | 7 8  |     |      |     |      |     |
| S 5  | 4 23  | 21 58 | 1 19 | 1 11  | 1 50 | 5 14 | 1 25 | 19 9  | 1 13 | 23 32 | 0 4  | 8 58  | 2 15 | 9 13 | 0 32 | 18 13 | 1 39 | 20 45 | 14 13 | 23 13 | 23 15 | 10 36 | 14 38 | 7 7  |     |      |     |      |     |
| M 6  | 4 46  | 19 25 | 2 28 | 0 26  | 1 48 | 4 45 | 1 26 | 19 0  | 1 13 | 23 32 | 0 5  | 9 1   | 2 15 | 9 15 | 0 32 | 18 13 | 1 39 | 20 45 | 14 13 | 23 13 | 23 15 | 10 34 | 14 39 | 7 6  |     |      |     |      |     |
| T 7  | 5 9   | 15 40 | 3 28 | 0s19  | 1 45 | 4 17 | 1 27 | 18 52 | 1 14 | 23 32 | 0 5  | 9 3   | 2 15 | 9 16 | 0 32 | 18 14 | 1 38 | 20 45 | 14 13 | 23 12 | 23 15 | 10 31 | 14 39 | 7 6  |     |      |     |      |     |
| W 8  | 5 32  | 10 56 | 4 17 | 1 4   | 1 41 | 3 48 | 1 28 | 18 43 | 1 15 | 23 32 | 0 5  | 9 6   | 2 15 | 9 17 | 0 32 | 18 14 | 1 38 | 20 46 | 14 12 | 23 12 | 23 15 | 10 28 | 14 39 | 7 5  |     |      |     |      |     |
| T 9  | 5 55  | 5 31  | 4 49 | 1 49  | 1 37 | 3 19 | 1 28 | 18 34 | 1 16 | 23 32 | 0 5  | 9 8   | 2 15 | 9 19 | 0 32 | 18 15 | 1 38 | 20 46 | 14 12 | 23 12 | 23 15 | 10 26 | 14 40 | 7 5  |     |      |     |      |     |
| F 10 | 6 18  | 0s14  | 5 3  | 2 35  | 1 33 | 2 50 | 1 29 | 18 25 | 1 17 | 23 32 | 0 5  | 9 11  | 2 15 | 9 20 | 0 32 | 18 15 | 1 38 | 20 46 | 14 12 | 23 11 | 23 14 | 10 23 | 14 40 | 7 4  |     |      |     |      |     |
| S 11 | 6 41  | 5 58  | 4 56 | 3 20  | 1 28 | 2 21 | 1 30 | 18 17 | 1 18 | 23 32 | 0 5  | 9 14  | 2 15 | 9 21 | 0 32 | 18 15 | 1 38 | 20 46 | 14 12 | 23 11 | 23 14 | 10 21 | 14 41 | 7 4  |     |      |     |      |     |
| S 12 | 7 4   | 11 18 | 4 30 | 4 6   | 1 23 | 1 52 | 1 30 | 18 8  | 1 19 | 23 32 | 0 5  | 9 16  | 2 15 | 9 23 | 0 32 | 18 16 | 1 38 | 20 47 | 14 12 | 23 10 | 23 14 | 10 18 | 14 41 | 7 3  |     |      |     |      |     |
| M13  | 7 26  | 15 55 | 3 48 | 4 51  | 1 18 | 1 22 | 1 30 | 17 59 | 1 20 | 23 32 | 0 5  | 9 19  | 2 14 | 9 24 | 0 32 | 18 16 | 1 38 | 20 47 | 14 12 | 23 9  | 23 14 | 10 16 | 14 41 | 7 3  |     |      |     |      |     |
| T 14 | 7 49  | 19 31 | 2 52 | 5 36  | 1 12 | 0 53 | 1 31 | 17 50 | 1 21 | 23 32 | 0 5  | 9 21  | 2 14 | 9 25 | 0 32 | 18 17 | 1 38 | 20 47 | 14 11 | 23 9  | 23 14 | 10 13 | 14 42 | 7 2  |     |      |     |      |     |
| W15  | 8 11  | 21 56 | 1 49 | 6 20  | 1 6  | 0 23 | 1 31 | 17 40 | 1 22 | 23 32 | 0 5  | 9 24  | 2 14 | 9 27 | 0 32 | 18 17 | 1 38 | 20 47 | 14 11 | 23 8  | 23 13 | 10 11 | 14 42 | 7 2  |     |      |     |      |     |
| T 16 | 8 34  | 23 4  | 0 41 | 7 5   | 1 0  | 0s 6 | 1 31 | 17 31 | 1 23 | 23 32 | 0 6  | 9 26  | 2 14 | 9 28 | 0 32 | 18 18 | 1 38 | 20 47 | 14 11 | 23 8  | 23 13 | 10 8  | 14 43 | 7 1  |     |      |     |      |     |
| F 17 | 8 56  | 22 57 | 0n27 | 7 48  | 0 54 | 0 36 | 1 31 | 17 22 | 1 23 | 23 32 | 0 6  | 9 29  | 2 14 | 9 30 | 0 32 | 18 18 | 1 38 | 20 47 | 14 11 | 23 8  | 23 13 | 10 6  | 14 43 | 7 1  |     |      |     |      |     |
| S 18 | 9 18  | 21 42 | 1 32 | 8 32  | 0 48 | 1 5  | 1 31 | 17 13 | 1 24 | 23 32 | 0 6  | 9 31  | 2 14 | 9 31 | 0 32 | 18 19 | 1 38 | 20 48 | 14 11 | 23 8  | 23 13 | 10 3  | 14 43 | 7 0  |     |      |     |      |     |
| S 19 | 9 40  | 19 27 | 2 31 | 9 14  | 0 42 | 1 35 | 1 31 | 17 4  | 1 25 | 23 32 | 0 6  | 9 34  | 2 14 | 9 32 | 0 32 | 18 19 | 1 38 | 20 48 | 14 10 | 23 8  | 23 13 | 10 1  | 14 43 | 7 0  |     |      |     |      |     |
| M20  | 10 2  | 16 25 | 3 23 | 9 57  | 0 35 | 2 5  | 1 31 | 16 54 | 1 26 | 23 32 | 0 6  | 9 37  | 2 14 | 9 34 | 0 32 | 18 19 | 1 38 | 20 48 | 14 10 | 23 8  | 23 12 | 9 58  | 14 44 | 6 59 |     |      |     |      |     |
| T 21 | 10 23 | 12 44 | 4 6  | 10 38 | 0 29 | 2 34 | 1 31 | 16 45 | 1 27 | 23 32 | 0 6  | 9 39  | 2 14 | 9 35 | 0 32 | 18 20 | 1 38 | 20 48 | 14 10 | 23 8  | 23 12 | 9 55  | 14 44 | 6 59 |     |      |     |      |     |
| W22  | 10 45 | 8 34  | 4 39 | 11 19 | 0 22 | 3 4  | 1 31 | 16 35 | 1 28 | 23 32 | 0 6  | 9 42  | 2 14 | 9 36 | 0 32 | 18 20 | 1 38 | 20 48 | 14 10 | 23 8  | 23 12 | 9 53  | 14 44 | 6 58 |     |      |     |      |     |
| T 23 | 11 6  | 4 3   | 4 59 | 12 0  | 0 15 | 3 33 | 1 30 | 16 26 | 1 29 | 23 32 | 0 6  | 9 44  | 2 14 | 9 38 | 0 32 | 18 21 | 1 38 | 20 48 | 14 10 | 23 8  | 23 12 | 9 50  | 14 45 | 6 57 |     |      |     |      |     |
| F 24 | 11 27 | 0n39  | 5 6  | 12 39 | 0 9  | 4 3  | 1 30 | 16 16 | 1 30 | 23 31 | 0 6  | 9 47  | 2 14 | 9 39 | 0 32 | 18 21 | 1 38 | 20 48 | 14 9  | 23 7  | 23 12 | 9 48  | 14 45 | 6 57 |     |      |     |      |     |
| S 25 | 11 48 | 5 24  | 5 0  | 13 18 | 0 2  | 4 32 | 1 30 | 16 7  | 1 31 | 23 31 | 0 6  | 9 49  | 2 14 | 9 41 | 0 32 | 18 22 | 1 38 | 20 48 | 14 9  | 23 6  | 23 11 | 9 45  | 14 45 | 6 56 |     |      |     |      |     |
| S 26 | 12 9  | 10 1  | 4 40 | 13 57 | 0s 5 | 5 1  | 1 29 | 15 57 | 1 32 | 23 31 | 0 6  | 9 52  | 2 14 | 9 42 | 0 32 | 18 22 | 1 38 | 20 48 | 14 9  | 23 6  | 23 11 | 9 43  | 14 45 | 6 56 |     |      |     |      |     |
| M27  | 12 30 | 14 18 | 4 5  | 14 34 | 0 12 | 5 31 | 1 28 | 15 48 | 1 33 | 23 31 | 0 7  | 9 54  | 2 14 | 9 43 | 0 32 | 18 23 | 1 38 | 20 48 | 14 9  | 23 5  | 23 11 | 9 40  | 14 45 | 6 55 |     |      |     |      |     |
| T 28 | 12 50 | 17 59 | 3 17 | 15 11 | 0 18 | 6 0  | 1 28 | 15 38 | 1 34 | 23 31 | 0 7  | 9 57  | 2 14 | 9 45 | 0 32 | 18 23 | 1 38 | 20 48 | 14 8  | 23 4  | 23 11 | 9 38  | 14 46 | 6 55 |     |      |     |      |     |
| W29  | 13 10 | 20 50 | 2 18 | 15 47 | 0 25 | 6 29 | 1 27 | 15 29 | 1 35 | 23 30 | 0 7  | 9 59  | 2 14 | 9 46 | 0 32 | 18 24 | 1 38 | 20 48 | 14 8  | 23 4  | 23 11 | 9 35  | 14 46 | 6 54 |     |      |     |      |     |
| T 30 | 13 30 | 22 35 | 1 10 | 16 22 | 0 32 | 6 58 | 1 26 | 15 19 | 1 36 | 23 30 | 0 7  | 10 2  | 2 14 | 9 47 | 0 32 | 18 24 | 1 38 | 20 48 | 14 8  | 23 4  | 23 10 | 9 32  | 14 46 | 6 54 |     |      |     |      |     |
| F 31 | 13s50 | 23n 3 | 0s 2 | 16s56 | 0s38 | 7s26 | 1n25 | 15n 9 | 1n37 | 23s30 | 0s 7 | 10s 4 | 2n14 | 9s49 | 0n32 | 18s25 | 1n38 | 20s48 | 14s 8 | 23s 4 | 23s10 | 9s30  | 14s46 | 6n53 |     |      |     |      |     |

Julian Day Number = 2380960.5, Delta T = 15.69 sec  
Ecliptic obliquity = 23°27'51, Nutation = 0°00'16, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 22°02'31, Lahiri = 21°09'32

ASTRODIENST EPHEMERIS for the year 1806  
geocentric

NOVEMBER 1806

00:00 UT

| Day  | Sid.t   | ☉        | ☽     | ♂     | ♀     | ♂     | ♂     | ♂    | ♂     | ♂     | ♂      | ♂      | ♂     | ♂     | ♂     | Day  |
|------|---------|----------|-------|-------|-------|-------|-------|------|-------|-------|--------|--------|-------|-------|-------|------|
| S 1  | 2 38 23 | 7♍54°31  | 3♊49  | 16♌29 | 23♋45 | 24♏15 | 4♎47  | 2♌5  | 26♋47 | 29♌14 | 10°R 6 | 19♌42  | 21♌8  | 23♋19 | 22♎38 | S 1  |
| S 2  | 2 42 19 | 8°54'38  | 17°38 | 18° 2 | 25° 0 | 24°47 | 4°57  | 2°12 | 26°50 | 29°16 | 10♋6   | 19°44  | 21° 5 | 23°26 | 22°41 | S 2  |
| M 3  | 2 46 16 | 9°54'47  | 1♊37  | 19°35 | 26°15 | 25°19 | 5° 8  | 2°19 | 26°54 | 29°19 | 10° 5  | 19°45  | 21° 1 | 23°32 | 22°43 | M 3  |
| T 4  | 2 50 12 | 10°54'58 | 15°44 | 21° 8 | 27°30 | 25°50 | 5°18  | 2°27 | 26°58 | 29°21 | 10° 5  | 19°R45 | 20°58 | 23°39 | 22°46 | T 4  |
| W 5  | 2 54 9  | 11°55'11 | 29°57 | 22°40 | 28°46 | 26°21 | 5°29  | 2°34 | 27° 2 | 29°23 | 10° 4  | 19°44  | 20°55 | 23°46 | 22°48 | W 5  |
| T 6  | 2 58 6  | 12°55'26 | 14♐15 | 24°11 | 0♌1   | 26°52 | 5°40  | 2°41 | 27° 5 | 29°25 | 10° 4  | 19°40  | 20°52 | 23°52 | 22°51 | T 6  |
| F 7  | 3 2 2   | 13°55'43 | 28°34 | 25°43 | 1°16  | 27°23 | 5°51  | 2°48 | 27° 9 | 29°27 | 10° 3  | 19°36  | 20°49 | 23°59 | 22°54 | F 7  |
| S 8  | 3 5 59  | 14°56'03 | 12♋50 | 27°14 | 2°31  | 27°54 | 6° 2  | 2°55 | 27°13 | 29°29 | 10° 3  | 19°30  | 20°46 | 24° 6 | 22°56 | S 8  |
| S 9  | 3 9 55  | 15°56'24 | 26°58 | 28°45 | 3°47  | 28°25 | 6°13  | 3° 3 | 27°16 | 29°32 | 10° 3  | 19°25  | 20°42 | 24°13 | 22°59 | S 9  |
| M10  | 3 13 52 | 16°56'47 | 10♌53 | 0♌15  | 5° 2  | 28°55 | 6°24  | 3°10 | 27°20 | 29°34 | 10° 2  | 19°20  | 20°39 | 24°19 | 23° 2 | M10  |
| T 11 | 3 17 48 | 17°57'11 | 24°32 | 1°45  | 6°17  | 29°25 | 6°36  | 3°17 | 27°23 | 29°36 | 10° 2  | 19°16  | 20°36 | 24°26 | 23° 5 | T 11 |
| W12  | 3 21 45 | 18°57'38 | 7♌51  | 3°14  | 7°33  | 29°55 | 6°47  | 3°24 | 27°27 | 29°38 | 10° 2  | 19°14  | 20°33 | 24°33 | 23° 8 | W12  |
| T 13 | 3 25 41 | 19°58'06 | 20°49 | 4°43  | 8°48  | 0♐25  | 6°58  | 3°31 | 27°31 | 29°41 | 10° 1  | 19°D14 | 20°30 | 24°39 | 23°11 | T 13 |
| F 14 | 3 29 38 | 20°58'35 | 3♊29  | 6°12  | 10° 3 | 0°55  | 7°10  | 3°38 | 27°34 | 29°43 | 10° 1  | 19°14  | 20°27 | 24°46 | 23°14 | F 14 |
| S 15 | 3 33 35 | 21°59'06 | 15°50 | 7°41  | 11°19 | 1°24  | 7°22  | 3°45 | 27°38 | 29°45 | 10° 1  | 19°16  | 20°23 | 24°53 | 23°17 | S 15 |
| S 16 | 3 37 31 | 22°59'38 | 27°58 | 9° 8  | 12°34 | 1°54  | 7°33  | 3°52 | 27°41 | 29°47 | 10° 0  | 19°18  | 20°20 | 25° 0 | 23°21 | S 16 |
| M17  | 3 41 28 | 24° 0'11 | 9♋55  | 10°36 | 13°49 | 2°23  | 7°45  | 3°59 | 27°45 | 29°50 | 10° 0  | 19°19  | 20°17 | 25° 6 | 23°24 | M17  |
| T 18 | 3 45 24 | 25° 0'46 | 21°48 | 12° 2 | 15° 5 | 2°52  | 7°57  | 4° 6 | 27°48 | 29°52 | 10° 0  | 19°R20 | 20°14 | 25°13 | 23°27 | T 18 |
| W19  | 3 49 21 | 26° 1'22 | 3♌40  | 13°29 | 16°20 | 3°20  | 8° 9  | 4°13 | 27°52 | 29°54 | 10° 0  | 19°20  | 20°11 | 25°20 | 23°31 | W19  |
| T 20 | 3 53 17 | 27° 1'59 | 15°36 | 14°54 | 17°35 | 3°49  | 8°21  | 4°20 | 27°55 | 29°56 | 10° 0  | 19°19  | 20° 7 | 25°26 | 23°34 | T 20 |
| F 21 | 3 57 14 | 28° 2'37 | 27°42 | 16°19 | 18°51 | 4°17  | 8°33  | 4°27 | 27°58 | 29°59 | 10° 0  | 19°16  | 20° 4 | 25°33 | 23°38 | F 21 |
| S 22 | 4 1 10  | 29° 3'16 | 10♏0  | 17°43 | 20° 6 | 4°45  | 8°46  | 4°34 | 28° 2 | 0♌1   | 10° 0  | 19°14  | 20° 1 | 25°40 | 23°42 | S 22 |
| S 23 | 4 5 7   | 0♌3'57   | 22°35 | 19° 6 | 21°22 | 5°13  | 8°58  | 4°40 | 28° 5 | 0° 3  | 10° 0  | 19°10  | 19°58 | 25°47 | 23°45 | S 23 |
| M24  | 4 9 4   | 1° 4'39  | 5♋28  | 20°27 | 22°37 | 5°41  | 9°10  | 4°47 | 28° 9 | 0° 5  | 10°D 0 | 19° 7  | 19°55 | 25°53 | 23°49 | M24  |
| T 25 | 4 13 0  | 2° 5'22  | 18°39 | 21°48 | 23°53 | 6° 8  | 9°23  | 4°54 | 28°12 | 0° 8  | 10° 0  | 19° 5  | 19°52 | 26° 0 | 23°53 | T 25 |
| W26  | 4 16 57 | 3° 6'06  | 2♐8   | 23° 7 | 25° 8 | 6°35  | 9°35  | 5° 1 | 28°15 | 0°10  | 10° 0  | 19° 4  | 19°48 | 26° 7 | 23°56 | W26  |
| T 27 | 4 20 53 | 4° 6'51  | 15°54 | 24°24 | 26°23 | 7° 2  | 9°48  | 5° 7 | 28°18 | 0°12  | 10° 0  | 19°D 3 | 19°45 | 26°13 | 24° 0 | T 27 |
| F 28 | 4 24 50 | 5° 7'38  | 29°52 | 25°40 | 27°39 | 7°29  | 10° 0 | 5°14 | 28°22 | 0°14  | 10° 0  | 19° 3  | 19°42 | 26°20 | 24° 4 | F 28 |
| S 29 | 4 28 46 | 6° 8'27  | 14♊1  | 26°53 | 28°54 | 7°55  | 10°13 | 5°20 | 28°25 | 0°17  | 10° 0  | 19° 4  | 19°39 | 26°27 | 24° 8 | S 29 |
| S 30 | 4 32 43 | 7♌9°16   | 28♊15 | 28♌4  | 0♌10  | 8♐22  | 10♎26 | 5♌27 | 28♋28 | 0♌19  | 10♋0   | 19♌5   | 19♌36 | 26♋34 | 24♎12 | S 30 |

| Day  | ☉     | ☾     |      | ♀     |      | ♀     |      | ♂     |      | ♂     |      | ♂     |      | ♂     |      | ♂     |      | ♂     |       | ♂     |       | ♂    |       | ♂    |     | ♂    |     |
|------|-------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|------|-------|-------|-------|-------|------|-------|------|-----|------|-----|
|      | decl  | decl  | lat  | decl  | lat  | decl  | lat  | decl  | lat  | decl  | lat  | decl  | lat  | decl  | lat  | decl  | lat  | decl  | lat   | decl  | lat   | decl | lat   | decl | lat | decl | lat |
| S 1  | 14s10 | 22n 9 | 1s16 | 17s30 | 0s45 | 7s55  | 1n25 | 15n 0 | 1n38 | 23s30 | 0s 7 | 10s 7 | 2n14 | 9s50  | 0n32 | 18s25 | 1n38 | 20s48 | 14s 7 | 23s 4 | 23s10 | 9s27 | 14s46 | 6n53 |     |      |     |
| S 2  | 14 29 | 19 53 | 2 26 | 18 3  | 0 51 | 8 23  | 1 24 | 14 50 | 1 39 | 23 29 | 0 7  | 10 9  | 2 14 | 9 51  | 0 32 | 18 26 | 1 38 | 20 48 | 14 7  | 23 4  | 23 10 | 9 25 | 14 46 | 6 52 |     |      |     |
| M 3  | 14 48 | 16 26 | 3 28 | 18 34 | 0 58 | 8 52  | 1 23 | 14 40 | 1 40 | 23 29 | 0 7  | 10 12 | 2 14 | 9 53  | 0 32 | 18 26 | 1 38 | 20 48 | 14 7  | 23 4  | 23 10 | 9 22 | 14 46 | 6 52 |     |      |     |
| T 4  | 15 7  | 12 2  | 4 18 | 19 5  | 1 4  | 9 20  | 1 21 | 14 31 | 1 41 | 23 29 | 0 7  | 10 14 | 2 14 | 9 54  | 0 32 | 18 27 | 1 38 | 20 48 | 14 7  | 23 4  | 23 9  | 9 20 | 14 46 | 6 51 |     |      |     |
| W 5  | 15 26 | 6 56  | 4 53 | 19 35 | 1 10 | 9 48  | 1 20 | 14 21 | 1 42 | 23 28 | 0 7  | 10 16 | 2 14 | 9 55  | 0 32 | 18 27 | 1 38 | 20 48 | 14 6  | 23 4  | 23 9  | 9 17 | 14 47 | 6 51 |     |      |     |
| T 6  | 15 44 | 1 26  | 5 9  | 20 4  | 1 16 | 10 15 | 1 19 | 14 11 | 1 43 | 23 28 | 0 7  | 10 19 | 2 14 | 9 57  | 0 32 | 18 28 | 1 38 | 20 48 | 14 6  | 23 4  | 23 9  | 9 15 | 14 47 | 6 51 |     |      |     |
| F 7  | 16 2  | 4s 8  | 5 7  | 20 32 | 1 22 | 10 43 | 1 18 | 14 2  | 1 44 | 23 28 | 0 7  | 10 21 | 2 14 | 9 58  | 0 32 | 18 28 | 1 38 | 20 48 | 14 6  | 23 3  | 23 9  | 9 12 | 14 47 | 6 50 |     |      |     |
| S 8  | 16 20 | 9 27  | 4 46 | 20 59 | 1 28 | 11 10 | 1 16 | 13 52 | 1 45 | 23 27 | 0 8  | 10 24 | 2 14 | 9 59  | 0 32 | 18 28 | 1 38 | 20 48 | 14 5  | 23 3  | 23 9  | 9 9  | 14 47 | 6 50 |     |      |     |
| S 9  | 16 38 | 14 14 | 4 7  | 21 25 | 1 33 | 11 37 | 1 15 | 13 42 | 1 47 | 23 27 | 0 8  | 10 26 | 2 14 | 10 1  | 0 32 | 18 29 | 1 37 | 20 48 | 14 5  | 23 2  | 23 8  | 9 7  | 14 47 | 6 49 |     |      |     |
| M10  | 16 55 | 18 11 | 3 14 | 21 50 | 1 39 | 12 3  | 1 14 | 13 33 | 1 48 | 23 26 | 0 8  | 10 28 | 2 14 | 10 2  | 0 32 | 18 29 | 1 37 | 20 48 | 14 5  | 23 2  | 23 8  | 9 4  | 14 47 | 6 49 |     |      |     |
| T 11 | 17 12 | 21 2  | 2 11 | 22 14 | 1 44 | 12 30 | 1 12 | 13 23 | 1 49 | 23 26 | 0 8  | 10 31 | 2 14 | 10 3  | 0 32 | 18 30 | 1 37 | 20 48 | 14 5  | 23 2  | 23 8  | 9 2  | 14 47 | 6 48 |     |      |     |
| W12  | 17 29 | 22 40 | 1 2  | 22 36 | 1 49 | 12 56 | 1 11 | 13 13 | 1 50 | 23 25 | 0 8  | 10 33 | 2 14 | 10 5  | 0 32 | 18 30 | 1 37 | 20 48 | 14 4  | 23 2  | 23 8  | 8 59 | 14 47 | 6 48 |     |      |     |
| T 13 | 17 45 | 23 0  | 0n 9 | 22 58 | 1 54 | 13 21 | 1 9  | 13 4  | 1 51 | 23 25 | 0 8  | 10 36 | 2 14 | 10 6  | 0 32 | 18 31 | 1 37 | 20 47 | 14 4  | 23 2  | 23 7  | 8 57 | 14 46 | 6 47 |     |      |     |
| F 14 | 18 1  | 22 8  | 1 17 | 23 18 | 1 58 | 13 47 | 1 7  | 12 54 | 1 52 | 23 24 | 0 8  | 10 38 | 2 15 | 10 7  | 0 32 | 18 31 | 1 37 | 20 47 | 14 4  | 23 2  | 23 7  | 8 54 | 14 46 | 6 47 |     |      |     |
| S 15 | 18 17 | 20 11 | 2 21 | 23 38 | 2 3  | 14 12 | 1 6  | 12 45 | 1 53 | 23 24 | 0 8  | 10 40 | 2 15 | 10 8  | 0 32 | 18 32 | 1 37 | 20 47 | 14 3  | 23 2  | 23 7  | 8 52 | 14 46 | 6 46 |     |      |     |
| S 16 | 18 32 | 17 22 | 3 17 | 23 56 | 2 7  | 14 36 | 1 4  | 12 35 | 1 54 | 23 23 | 0 8  | 10 42 | 2 15 | 10 10 | 0 32 | 18 32 | 1 37 | 20 47 | 14 3  | 23 2  | 23 7  | 8 49 | 14 46 | 6 46 |     |      |     |
| M17  | 18 48 | 13 52 | 4 3  | 24 13 | 2 10 | 15 1  | 1 2  | 12 26 | 1 55 | 23 23 | 0 8  | 10 45 | 2 15 | 10 11 | 0 32 | 18 33 | 1 37 | 20 47 | 14 3  | 23 2  | 23 6  | 8 46 | 14 46 | 6 46 |     |      |     |
| T 18 | 19 2  | 9 51  | 4 39 | 24 28 | 2 14 | 15 25 | 1 0  | 12 17 | 1 57 | 23 22 | 0 8  | 10 47 | 2 15 | 10 12 | 0 32 | 18 33 | 1 37 | 20 46 | 14 3  | 23 2  | 23 6  | 8 44 | 14 46 | 6 45 |     |      |     |
| W19  | 19 17 | 5 28  | 5 3  | 24 42 | 2 17 | 15 48 | 0 59 | 12 7  | 1 58 | 23 21 | 0 9  | 10 49 | 2 15 | 10 13 | 0 32 | 18 34 | 1 37 | 20 46 | 14 2  | 23 2  | 23 6  | 8 41 | 14 46 | 6 45 |     |      |     |
| T 20 | 19 31 | 0 51  | 5 14 | 24 55 | 2 20 | 16 11 | 0 57 | 11 58 | 1 59 | 23 21 | 0 9  | 10 52 | 2 15 | 10 15 | 0 32 | 18 34 | 1 37 | 20 46 | 14 2  | 23 2  | 23 6  | 8 39 | 14 46 | 6 44 |     |      |     |
| F 21 | 19 45 | 3n51  | 5 11 | 25 7  | 2 22 | 16 34 | 0 55 | 11 49 | 2 0  | 23 20 | 0 9  | 10 54 | 2 15 | 10 16 | 0 32 | 18 35 | 1 37 | 20 46 | 14 2  | 23 2  | 23 6  | 8 36 | 14 45 | 6 44 |     |      |     |
| S 22 | 19 58 | 8 29  | 4 54 | 25 17 | 2 24 | 16 56 | 0 53 | 11 39 | 2 1  | 23 19 | 0 9  | 10 56 | 2 15 | 10 17 | 0 32 | 18 35 | 1 37 | 20 46 | 14 1  | 23 2  | 23 5  | 8 34 | 14 45 | 6 44 |     |      |     |
| S 23 | 20 11 | 12 52 | 4 23 | 25 26 | 2 26 | 17 18 | 0 51 | 11 30 | 2 2  | 23 18 | 0 9  | 10 58 | 2 15 | 10 18 | 0 32 | 18 36 | 1 37 | 20 45 | 14 1  | 23 1  | 23 5  | 8 31 | 14 45 | 6 43 |     |      |     |
| M24  | 20 24 | 16 47 | 3 38 | 25 34 | 2 27 | 17 40 | 0 49 | 11 21 | 2 4  | 23 18 | 0 9  | 11 0  | 2 15 | 10 19 | 0 32 | 18 36 | 1 37 | 20 45 | 14 1  | 23 1  | 23 5  | 8 28 | 14 45 | 6 43 |     |      |     |
| T 25 | 20 36 | 19 57 | 2 40 | 25 40 | 2 28 | 18 0  | 0 47 | 11 12 | 2 5  | 23 17 | 0 9  | 11 3  | 2 15 | 10 20 | 0 32 | 18 37 | 1 37 | 20 45 | 14 0  | 23 1  | 23 5  | 8 26 | 14 45 | 6 42 |     |      |     |
| W26  | 20 48 | 22 7  | 1 32 | 25 45 | 2 28 | 18 21 | 0 45 | 11 3  | 2 6  | 23 16 | 0 9  | 11 5  | 2 15 | 10 22 | 0 32 | 18 37 | 1 37 | 20 44 | 14 0  | 23 1  | 23 4  | 8 23 | 14 44 | 6 42 |     |      |     |
| T 27 | 20 59 | 23 0  | 0 17 | 25 48 | 2 27 | 18 41 | 0 42 | 10 54 | 2 7  | 23 15 | 0 9  | 11 7  | 2 15 | 10 23 | 0 32 | 18 38 | 1 37 | 20 44 | 14 0  | 23 1  | 23 4  | 8 21 | 14 44 | 6 42 |     |      |     |
| F 28 | 21 11 | 22 28 | 1s 0 | 25 50 | 2 26 | 19 0  | 0 40 | 10 45 | 2 8  | 23 14 | 0 9  | 11 9  | 2 16 | 10 24 | 0 32 | 18 38 | 1 37 | 20 44 | 14 0  | 23 1  | 23 4  | 8 18 | 14 44 | 6 41 |     |      |     |
| S 29 | 21 21 | 20 30 | 2 14 | 25 50 | 2 24 | 19 19 | 0 38 | 10 37 | 2 10 | 23 14 | 0 9  | 11 11 | 2 16 | 10 25 | 0 32 | 18 39 | 1 37 | 20 44 | 13 59 | 23 1  | 23 4  | 8 16 | 14 43 | 6 41 |     |      |     |
| S 30 | 21s32 | 17n16 | 3s20 | 25s49 | 2s22 | 19s37 | 0n36 | 10n28 | 2n11 | 23s13 | 0s 9 | 11s13 | 2n16 | 10s26 | 0n32 | 18s39 | 1n37 | 20s43 | 13s59 | 23s 1 | 23s 3 | 8s13 | 14s43 | 6n41 |     |      |     |

ASTRODIENST EPHEMERIS for the year 1806  
geocentric

DECEMBER 1806

00:00 UT

| Day  | Sid.t   | ☉        | ☽     | ♂      | ♀     | ♂     | ♂     | ♂    | ♂     | ♂    | ♂     | ♂      | ♂     | ♂     | ♂     | Day  |
|------|---------|----------|-------|--------|-------|-------|-------|------|-------|------|-------|--------|-------|-------|-------|------|
| M 1  | 4 36 39 | 8♂10'07  | 12♂31 | 29♂12  | 1♂25  | 8♂48  | 10♂38 | 5♂34 | 28♂31 | 0♂21 | 10♂0  | 19♂6   | 19♂33 | 26♂40 | 24♂16 | M 1  |
| T 2  | 4 40 36 | 9°11'00  | 26°47 | 0♂17   | 2°41  | 9°13  | 10°51 | 5°40 | 28°34 | 0°23 | 10°0  | 19°7   | 19°29 | 26°47 | 24°20 | T 2  |
| W 3  | 4 44 33 | 10°11'53 | 10♂59 | 1°18   | 3°56  | 9°39  | 11°4  | 5°46 | 28°37 | 0°26 | 10°1  | 19°R 7 | 19°26 | 26°54 | 24°24 | W 3  |
| T 4  | 4 48 29 | 11°12'48 | 25°5  | 2°15   | 5°12  | 10°4  | 11°17 | 5°53 | 28°40 | 0°28 | 10°1  | 19°7   | 19°23 | 27°0  | 24°29 | T 4  |
| F 5  | 4 52 26 | 12°13'45 | 9♂4   | 3°6    | 6°27  | 10°29 | 11°30 | 5°59 | 28°43 | 0°30 | 10°1  | 19°6   | 19°20 | 27°7  | 24°33 | F 5  |
| S 6  | 4 56 22 | 13°14'42 | 22°53 | 3°52   | 7°43  | 10°53 | 11°43 | 6°5  | 28°46 | 0°32 | 10°1  | 19°5   | 19°17 | 27°14 | 24°37 | S 6  |
| S 7  | 5 0 19  | 14°15'41 | 6♂32  | 4°32   | 8°58  | 11°18 | 11°56 | 6°12 | 28°49 | 0°34 | 10°2  | 19°5   | 19°13 | 27°21 | 24°41 | S 7  |
| M 8  | 5 4 15  | 15°16'41 | 19°59 | 5°5    | 10°14 | 11°42 | 12°10 | 6°18 | 28°52 | 0°37 | 10°2  | 19°4   | 19°10 | 27°27 | 24°46 | M 8  |
| T 9  | 5 8 12  | 16°17'42 | 3♂12  | 5°29   | 11°29 | 12°5  | 12°23 | 6°24 | 28°55 | 0°39 | 10°2  | 19°4   | 19°7  | 27°34 | 24°50 | T 9  |
| W10  | 5 12 8  | 17°18'44 | 16°11 | 5°45   | 12°45 | 12°29 | 12°36 | 6°30 | 28°58 | 0°41 | 10°3  | 19°D 4 | 19°4  | 27°41 | 24°55 | W10  |
| T 11 | 5 16 5  | 18°19'47 | 28°55 | 5°R50  | 14°1  | 12°52 | 12°50 | 6°36 | 29°1  | 0°43 | 10°3  | 19°4   | 19°1  | 27°47 | 24°59 | T 11 |
| F 12 | 5 20 2  | 19°20'51 | 11♂26 | 5°45   | 15°16 | 13°15 | 13°3  | 6°42 | 29°3  | 0°45 | 10°3  | 19°R 4 | 18°58 | 27°54 | 25°4  | F 12 |
| S 13 | 5 23 58 | 20°21'55 | 23°43 | 5°29   | 16°32 | 13°37 | 13°16 | 6°48 | 29°6  | 0°48 | 10°4  | 19°4   | 18°54 | 28°1  | 25°8  | S 13 |
| S 14 | 5 27 55 | 21°23'00 | 5♂48  | 5°2    | 17°47 | 13°59 | 13°30 | 6°54 | 29°9  | 0°50 | 10°4  | 19°4   | 18°51 | 28°8  | 25°13 | S 14 |
| M15  | 5 31 51 | 22°24'05 | 17°46 | 4°23   | 19°3  | 14°21 | 13°43 | 7°0  | 29°11 | 0°52 | 10°5  | 19°3   | 18°48 | 28°14 | 25°17 | M15  |
| T 16 | 5 35 48 | 23°25'10 | 29°38 | 3°32   | 20°18 | 14°42 | 13°57 | 7°6  | 29°14 | 0°54 | 10°5  | 19°3   | 18°45 | 28°21 | 25°22 | T 16 |
| W17  | 5 39 44 | 24°26'16 | 11♂30 | 2°31   | 21°34 | 15°3  | 14°10 | 7°11 | 29°17 | 0°56 | 10°6  | 19°2   | 18°42 | 28°28 | 25°27 | W17  |
| T 18 | 5 43 41 | 25°27'22 | 23°25 | 1°22   | 22°49 | 15°24 | 14°24 | 7°17 | 29°19 | 0°58 | 10°7  | 19°D 2 | 18°38 | 28°34 | 25°31 | T 18 |
| F 19 | 5 47 37 | 26°28'29 | 5°Y28 | 0°5    | 24°5  | 15°44 | 14°38 | 7°23 | 29°22 | 1°0  | 10°7  | 19°2   | 18°35 | 28°41 | 25°36 | F 19 |
| S 20 | 5 51 34 | 27°29'35 | 17°44 | 28♂45  | 25°20 | 16°4  | 14°51 | 7°28 | 29°24 | 1°2  | 10°8  | 19°3   | 18°32 | 28°48 | 25°41 | S 20 |
| S 21 | 5 55 31 | 28°30'42 | 0♂17  | 27°22  | 26°36 | 16°24 | 15°5  | 7°34 | 29°26 | 1°4  | 10°8  | 19°4   | 18°29 | 28°55 | 25°46 | S 21 |
| M22  | 5 59 27 | 29°31'49 | 13°12 | 26°0   | 27°51 | 16°43 | 15°19 | 7°39 | 29°29 | 1°6  | 10°9  | 19°5   | 18°26 | 29°1  | 25°50 | M22  |
| T 23 | 6 3 24  | 0♂32'57  | 26°29 | 24°42  | 29°7  | 17°1  | 15°32 | 7°44 | 29°31 | 1°9  | 10°10 | 19°5   | 18°23 | 29°8  | 25°55 | T 23 |
| W24  | 6 7 20  | 1°34'04  | 10♂11 | 23°30  | 0♂22  | 17°20 | 15°46 | 7°50 | 29°33 | 1°11 | 10°11 | 19°6   | 18°19 | 29°15 | 26°0  | W24  |
| T 25 | 6 11 17 | 2°35'12  | 24°15 | 22°26  | 1°38  | 17°38 | 16°0  | 7°55 | 29°35 | 1°13 | 10°11 | 19°R 6 | 18°16 | 29°21 | 26°5  | T 25 |
| F 26 | 6 15 13 | 3°36'20  | 8♂39  | 21°32  | 2°53  | 17°55 | 16°14 | 8°0  | 29°38 | 1°15 | 10°12 | 19°6   | 18°13 | 29°28 | 26°10 | F 26 |
| S 27 | 6 19 10 | 4°37'28  | 23°16 | 20°47  | 4°9   | 18°12 | 16°28 | 8°5  | 29°40 | 1°17 | 10°13 | 19°4   | 18°10 | 29°35 | 26°15 | S 27 |
| S 28 | 6 23 7  | 5°38'37  | 8♂1   | 20°13  | 5°24  | 18°29 | 16°42 | 8°10 | 29°42 | 1°18 | 10°14 | 19°2   | 18°7  | 29°42 | 26°20 | S 28 |
| M29  | 6 27 3  | 6°39'45  | 22°45 | 19°49  | 6°40  | 18°45 | 16°56 | 8°15 | 29°44 | 1°20 | 10°14 | 19°0   | 18°4  | 29°48 | 26°25 | M29  |
| T 30 | 6 31 0  | 7°40'54  | 7♂22  | 19°36  | 7°55  | 19°0  | 17°9  | 8°20 | 29°46 | 1°22 | 10°15 | 18°58  | 18°0  | 29°55 | 26°30 | T 30 |
| W31  | 6 34 56 | 8♂42'04  | 21♂47 | 19°D32 | 9♂11  | 19♂15 | 17♂23 | 8♂24 | 29♂48 | 1♂24 | 10♂16 | 18♂56  | 17♂57 | 0♂2   | 26♂35 | W31  |

| Day  | ☉           | ☽          | ♂          | ♀          | ♂          | ♂          | ♂          | ♂          | ♂          | ♂           | ♂          | ♂          | ♂        | ♂        | ♂        | ♂        |
|------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|------------|------------|----------|----------|----------|----------|
|      | decl        | decl lat   | decl lat   | decl lat   | decl lat   | decl lat   | decl lat   | decl lat   | decl lat   | decl lat    | decl lat   | decl lat   | decl lat | decl lat | decl lat | decl lat |
| M 1  | 21s42       | 12n59 4s15 | 25s46      | 2s18 19s55 | 0n34 10n19 | 2n12 23s12 | 0s10 11s15 | 2n16 10s27 | 0n32 18s39 | 1n37 20s43  | 13s59 23s1 | 23s3 8s10  | 14s43    | 6n40     |          |          |
| T 2  | 21 51 8 0   | 4 53 25 42 | 2 14 20 12 | 0 31 10 11 | 2 14 23 11 | 0 10 11 17 | 2 16 10 28 | 0 32 18 40 | 1 37 20 42 | 13 58 23 1  | 23 3 8 8   | 14 42 6 40 |          |          |          |          |
| W 3  | 22 0 2 37   | 5 14 25 37 | 2 9 20 29  | 0 29 10 2  | 2 15 23 10 | 0 10 11 19 | 2 16 10 29 | 0 32 18 40 | 1 37 20 42 | 13 58 23 1  | 23 3 8 5   | 14 42 6 39 |          |          |          |          |
| T 4  | 22 9 2s52   | 5 15 25 30 | 2 3 20 45  | 0 27 9 54  | 2 16 23 9  | 0 10 11 21 | 2 16 10 31 | 0 32 18 41 | 1 37 20 42 | 13 58 23 1  | 23 2 8 3   | 14 42 6 39 |          |          |          |          |
| F 5  | 22 17 8 9   | 4 58 25 22 | 1 56 21 0  | 0 24 9 46  | 2 17 23 8  | 0 10 11 23 | 2 16 10 32 | 0 32 18 41 | 1 37 20 41 | 13 57 23 1  | 23 2 8 0   | 14 41 6 39 |          |          |          |          |
| S 6  | 22 25 12 59 | 4 24 25 12 | 1 48 21 15 | 0 22 9 38  | 2 19 23 7  | 0 10 11 25 | 2 16 10 33 | 0 32 18 42 | 1 37 20 41 | 13 57 23 1  | 23 2 7 58  | 14 41 6 39 |          |          |          |          |
| S 7  | 22 32 17 5  | 3 35 25 2  | 1 38 21 30 | 0 20 9 30  | 2 20 23 6  | 0 10 11 27 | 2 17 10 34 | 0 32 18 42 | 1 37 20 41 | 13 57 23 1  | 23 2 7 55  | 14 40 6 38 |          |          |          |          |
| M 8  | 22 39 20 14 | 2 35 24 50 | 1 28 21 43 | 0 17 9 22  | 2 21 23 5  | 0 10 11 29 | 2 17 10 35 | 0 32 18 43 | 1 37 20 40 | 13 57 23 1  | 23 1 7 52  | 14 40 6 38 |          |          |          |          |
| T 9  | 22 45 22 14 | 1 27 24 37 | 1 16 21 56 | 0 15 9 14  | 2 23 23 3  | 0 10 11 31 | 2 17 10 36 | 0 32 18 43 | 1 37 20 40 | 13 56 23 1  | 23 1 7 50  | 14 39 6 38 |          |          |          |          |
| W10  | 22 51 23 1  | 0 16 24 23 | 1 3 22 8   | 0 13 9 6   | 2 24 23 2  | 0 10 11 33 | 2 17 10 37 | 0 32 18 44 | 1 37 20 39 | 13 56 23 1  | 23 1 7 47  | 14 39 6 37 |          |          |          |          |
| T 11 | 22 57 22 33 | 0n54 24 8  | 0 48 22 20 | 0 10 8 59  | 2 26 23 1  | 0 10 11 35 | 2 17 10 38 | 0 32 18 44 | 1 37 20 39 | 13 56 23 1  | 23 1 7 45  | 14 38 6 37 |          |          |          |          |
| F 12 | 23 2 20 58  | 2 1 23 52  | 0 32 22 31 | 0 8 8 51   | 2 27 23 0  | 0 11 11 36 | 2 17 10 39 | 0 32 18 44 | 1 37 20 38 | 13 55 23 1  | 23 0 7 42  | 14 38 6 37 |          |          |          |          |
| S 13 | 23 7 18 25  | 3 1 23 36  | 0 15 22 41 | 0 5 8 44   | 2 28 22 59 | 0 11 11 38 | 2 17 10 40 | 0 33 18 45 | 1 37 20 38 | 13 55 23 1  | 23 0 7 40  | 14 37 6 37 |          |          |          |          |
| S 14 | 23 11 15 6  | 3 51 23 18 | 0n 4 22 51 | 0 3 8 37   | 2 30 22 57 | 0 11 11 40 | 2 17 10 40 | 0 33 18 45 | 1 37 20 38 | 13 55 23 1  | 23 0 7 37  | 14 37 6 36 |          |          |          |          |
| M15  | 23 15 11 13 | 4 31 23 1  | 0 23 23 0  | 0 1 8 29   | 2 31 22 56 | 0 11 11 42 | 2 18 10 41 | 0 33 18 46 | 1 38 20 37 | 13 54 23 1  | 22 59 7 34 | 14 36 6 36 |          |          |          |          |
| T 16 | 23 18 6 56  | 4 59 22 42 | 0 43 23 8  | 0s 2 8 22  | 2 33 22 55 | 0 11 11 43 | 2 18 10 42 | 0 33 18 46 | 1 38 20 37 | 13 54 23 1  | 22 59 7 32 | 14 36 6 36 |          |          |          |          |
| W17  | 23 21 2 25  | 5 14 22 24 | 1 3 23 16  | 0 4 8 16   | 2 34 22 53 | 0 11 11 45 | 2 18 10 43 | 0 33 18 47 | 1 38 20 36 | 13 54 23 1  | 22 59 7 29 | 14 35 6 36 |          |          |          |          |
| T 18 | 23 23 2n13  | 5 16 22 5  | 1 23 23 23 | 0 7 8 9    | 2 36 22 52 | 0 11 11 47 | 2 18 10 44 | 0 33 18 47 | 1 38 20 36 | 13 54 23 1  | 22 59 7 27 | 14 35 6 35 |          |          |          |          |
| F 19 | 23 25 6 50  | 5 4 21 46  | 1 42 23 29 | 0 9 8 2    | 2 37 22 51 | 0 11 11 48 | 2 18 10 45 | 0 33 18 47 | 1 38 20 35 | 13 53 23 1  | 22 58 7 24 | 14 34 6 35 |          |          |          |          |
| S 20 | 23 26 11 15 | 4 38 21 28 | 2 0 23 34  | 0 11 7 56  | 2 38 22 49 | 0 11 11 50 | 2 18 10 46 | 0 33 18 48 | 1 38 20 35 | 13 53 23 1  | 22 58 7 22 | 14 33 6 35 |          |          |          |          |
| S 21 | 23 27 15 18 | 3 59 21 10 | 2 16 23 39 | 0 14 7 50  | 2 40 22 48 | 0 11 11 52 | 2 19 10 47 | 0 33 18 48 | 1 38 20 34 | 13 53 23 1  | 22 58 7 19 | 14 33 6 35 |          |          |          |          |
| M22  | 23 28 18 46 | 3 6 20 54  | 2 31 23 43 | 0 16 7 44  | 2 41 22 46 | 0 11 11 53 | 2 19 10 47 | 0 33 18 49 | 1 38 20 34 | 13 52 23 1  | 22 58 7 16 | 14 32 6 34 |          |          |          |          |
| T 23 | 23 28 21 22 | 2 2 20 39  | 2 43 23 46 | 0 18 7 38  | 2 43 22 45 | 0 11 11 55 | 2 19 10 48 | 0 33 18 49 | 1 38 20 33 | 13 52 23 1  | 22 57 7 14 | 14 31 6 34 |          |          |          |          |
| W24  | 23 27 22 49 | 0 49 20 26 | 2 52 23 48 | 0 21 7 32  | 2 45 22 43 | 0 12 11 56 | 2 19 10 49 | 0 33 18 49 | 1 38 20 33 | 13 52 23 1  | 22 57 7 11 | 14 31 6 34 |          |          |          |          |
| T 25 | 23 26 22 52 | 0s28 20 15 | 3 0 23 50  | 0 23 7 27  | 2 46 22 42 | 0 12 11 58 | 2 19 10 50 | 0 33 18 50 | 1 38 20 32 | 13 52 23 1  | 22 57 7 9  | 14 30 6 34 |          |          |          |          |
| F 26 | 23 25 21 25 | 1 46 20 7  | 3 5 23 51  | 0 25 7 21  | 2 48 22 40 | 0 12 11 59 | 2 19 10 50 | 0 33 18 50 | 1 38 20 31 | 13 51 23 1  | 22 56 7 6  | 14 29 6 34 |          |          |          |          |
| S 27 | 23 23 18 32 | 2 58 20 2  | 3 7 23 51  | 0 28 7 16  | 2 49 22 39 | 0 12 12 1  | 2 20 10 51 | 0 33 18 50 | 1 38 20 31 | 13 51 23 1  | 22 56 7 3  | 14 29 6 34 |          |          |          |          |
| S 28 | 23 21 14 27 | 3 58 19 59 | 3 8 23 51  | 0 30 7 11  | 2 51 22 37 | 0 12 12 2  | 2 20 10 52 | 0 33 18 51 | 1 38 20 30 | 13 51 23 1  | 22 56 7 1  | 14 28 6 33 |          |          |          |          |
| M29  | 23 18 9 29  | 4 43 19 59 | 3 6 23 50  | 0 32 7 6   | 2 52 22 35 | 0 12 12 4  | 2 20 10 53 | 0 33 18 51 | 1 38 20 30 | 13 50 23 0  | 22 56 6 58 | 14 27 6 33 |          |          |          |          |
| T 30 | 23 14 4 2   | 5 9 20 0   | 3 4 23 48  | 0 34 7 1   | 2 54 22 34 | 0 12 12 5  | 2 20 10 53 | 0 33 18 52 | 1 38 20 29 | 13 50 23 0  | 22 55 6 56 | 14 26 6 33 |          |          |          |          |
| W31  | 23s11 1s34  | 5s15 20s 4 | 2n59 23s45 | 0s36 6n57  | 2n56 22s32 | 0s12 12s 6 | 2n20 10s54 | 0n33 18s52 | 1n38 20s29 | 13s50 23s 0 | 22s55 6s53 | 14s26 6n33 |          |          |          |          |

Julian Day Number = 2381021.5, Delta T = 15.64 sec  
Ecliptic obliquity = 23°27'50, Nutation = 0°00'16, out-of-bounds declination in red  
Ayanamsha: Fagan/Bradley = 22°02'39, Lahiri = 21°09'40