



Astrodienst Ephemeris Tables for the year 1811

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 1811
geocentric

JANUARY 1811

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
T 1	6 38 59	9♌44'50	27♋48	22♊31	5°R 6	28♎13	21°R47	20♏15	17♍39	9♑52	15♋ 9	29°D59	0♎32	13♏ 5	18♌38	T 1
W 2	6 42 56	10°46'00	11°Y31	24° 8	4♊31	28°47	21♎44	20°22	17°42	9°54	15°10	29°R59	0°29	13°11	18°42	W 2
T 3	6 46 52	11°47'10	24°53	25°43	3°57	29°20	21°41	20°29	17°44	9°56	15°11	29♎59	0°25	13°18	18°46	T 3
F 4	6 50 49	12°48'19	7♌59	27°19	3°24	29°53	21°38	20°36	17°47	9°58	15°12	29°57	0°22	13°25	18°50	F 4
S 5	6 54 45	13°49'28	20°49	28°53	2°52	0♍27	21°36	20°43	17°49	10° 0	15°13	29°52	0°19	13°32	18°53	S 5
S 6	6 58 42	14°50'37	3♈26	0♌27	2°22	1° 0	21°34	20°49	17°52	10° 2	15°13	29°44	0°16	13°38	18°57	S 6
M 7	7 2 38	15°51'45	15°54	1°59	1°54	1°33	21°32	20°56	17°54	10° 4	15°14	29°33	0°13	13°45	19° 1	M 7
T 8	7 6 35	16°52'53	28°12	3°30	1°28	2° 6	21°30	21° 3	17°57	10° 6	15°15	29°20	0°10	13°52	19° 5	T 8
W 9	7 10 32	17°54'00	10♌21	4°59	1° 4	2°39	21°28	21° 9	17°59	10° 7	15°16	29° 6	0° 6	13°58	19° 9	W 9
T 10	7 14 28	18°55'08	22°24	6°25	0°42	3°12	21°27	21°16	18° 1	10° 9	15°17	28°53	0° 3	14° 5	19°13	T 10
F 11	7 18 25	19°56'14	4♏20	7°49	0°22	3°44	21°26	21°22	18° 3	10°11	15°18	28°41	0° 0	14°12	19°16	F 11
S 12	7 22 21	20°57'21	16°12	9°10	0° 5	4°17	21°24	21°29	18° 6	10°13	15°19	28°30	29♎57	14°18	19°20	S 12
S 13	7 26 18	21°58'27	28° 1	10°27	29♏50	4°49	21°24	21°35	18° 8	10°15	15°20	28°23	29°54	14°25	19°24	S 13
M14	7 30 14	22°59'33	9♎49	11°39	29°37	5°22	21°23	21°42	18°10	10°17	15°21	28°19	29°51	14°32	19°28	M14
T 15	7 34 11	24° 0'39	21°40	12°46	29°27	5°54	21°23	21°48	18°12	10°18	15°22	28°17	29°47	14°38	19°32	T 15
W16	7 38 7	25° 1'44	3♎40	13°48	29°20	6°26	21°D23	21°54	18°14	10°20	15°23	28°D17	29°44	14°45	19°36	W16
T 17	7 42 4	26° 2'49	15°51	14°42	29°15	6°59	21°23	22° 1	18°16	10°22	15°24	28°17	29°41	14°52	19°41	T 17
F 18	7 46 1	27° 3'53	28°21	15°29	29°D13	7°31	21°23	22° 7	18°18	10°24	15°26	28°R18	29°38	14°58	19°45	F 18
S 19	7 49 57	28° 4'58	11♍13	16° 7	29°13	8° 2	21°23	22°13	18°20	10°25	15°27	28°17	29°35	15° 5	19°49	S 19
S 20	7 53 54	29° 6'01	24°32	16°36	29°15	8°34	21°24	22°19	18°21	10°27	15°28	28°14	29°31	15°12	19°53	S 20
M21	7 57 50	0♌705	8♏20	16°55	29°20	9° 6	21°25	22°25	18°23	10°29	15°29	28° 9	29°28	15°19	19°57	M21
T 22	8 1 47	1° 8'08	22°39	17°R 3	29°27	9°38	21°26	22°32	18°25	10°30	15°30	28° 1	29°25	15°25	20° 1	T 22
W23	8 5 43	2° 9'11	7♊25	17° 0	29°37	10° 9	21°27	22°38	18°27	10°32	15°31	27°52	29°22	15°32	20° 5	W23
T 24	8 9 40	3°10'12	22°30	16°45	29°49	10°40	21°28	22°44	18°28	10°33	15°33	27°43	29°19	15°39	20°10	T 24
F 25	8 13 36	4°11'13	7♌47	16°19	0♊ 3	11°11	21°30	22°49	18°30	10°35	15°34	27°35	29°16	15°45	20°14	F 25
S 26	8 17 33	5°12'13	23° 3	15°42	0°18	11°43	21°32	22°55	18°31	10°36	15°35	27°29	29°12	15°52	20°18	S 26
S 27	8 21 30	6°13'12	8♋ 7	14°55	0°36	12°13	21°34	23° 1	18°33	10°38	15°36	27°25	29° 9	15°59	20°22	S 27
M28	8 25 26	7°14'10	22°53	13°59	0°56	12°44	21°36	23° 7	18°34	10°39	15°38	27°D24	29° 6	16° 5	20°27	M28
T 29	8 29 23	8°15'07	7°Y14	12°55	1°18	13°15	21°39	23°13	18°36	10°41	15°39	27°24	29° 3	16°12	20°31	T 29
W30	8 33 19	9°16'02	21° 8	11°46	1°42	13°45	21°41	23°18	18°37	10°42	15°40	27°25	29° 0	16°19	20°35	W30
T 31	8 37 16	10°16'56	4♊37	10°34	2♊ 7	14♍16	21♎44	23♏24	18♌38	10♑43	15♋42	27°R26	28♎56	16♏25	20°39	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
T 1	23s 6	0s42	0n12	23s40	2s 7	19s17	4n 5	9s28	1n29	17n19	0s57	21s50	1n16	16s47
W 2	23 1	3n38	1s 1	23 22	2 5	19 5	4 18	9 40	1 29	17 18	0 57	21 51	1 16	16 47
T 3	22 56	7 40	2 8	23 2	2 3	18 54	4 30	9 52	1 29	17 18	0 56	21 51	1 16	16 48
F 4	22 51	11 14	3 7	22 40	1 59	18 43	4 42	10 3	1 29	17 17	0 56	21 52	1 16	16 49
S 5	22 45	14 12	3 55	22 17	1 55	18 33	4 52	10 15	1 29	17 17	0 56	21 52	1 16	16 49
S 6	22 38	16 26	4 30	21 53	1 51	18 24	5 3	10 27	1 29	17 16	0 56	21 53	1 16	16 50
M 7	22 31	17 52	4 53	21 27	1 45	18 15	5 12	10 38	1 29	17 16	0 55	21 53	1 16	16 51
T 8	22 24	18 26	5 1	21 0	1 39	18 7	5 21	10 49	1 29	17 16	0 55	21 54	1 16	16 51
W 9	22 16	18 9	4 55	20 32	1 32	17 59	5 29	11 1	1 29	17 16	0 55	21 54	1 16	16 52
T 10	22 7	17 3	4 37	20 3	1 25	17 52	5 36	11 12	1 29	17 16	0 55	21 55	1 16	16 53
F 11	21 59	15 13	4 6	19 33	1 16	17 45	5 42	11 23	1 29	17 16	0 54	21 55	1 16	16 53
S 12	21 50	12 45	3 24	19 3	1 6	17 39	5 48	11 34	1 29	17 16	0 54	21 55	1 16	16 54
S 13	21 40	9 46	2 34	18 32	0 56	17 34	5 53	11 45	1 28	17 16	0 54	21 56	1 16	16 54
M14	21 30	6 24	1 37	18 1	0 44	17 30	5 58	11 56	1 28	17 16	0 53	21 56	1 16	16 55
T 15	21 20	2 46	0 35	17 30	0 32	17 26	6 2	12 7	1 28	17 16	0 53	21 57	1 16	16 56
W16	21 9	1s 1	0n39	17 0	0 19	17 22	6 5	12 17	1 28	17 16	0 53	21 57	1 16	16 56
T 17	20 58	4 49	1 23	16 30	0 4	17 20	6 8	12 28	1 28	17 16	0 53	21 57	1 16	16 57
F 18	20 46	8 30	2 34	16 2	0n11	17 18	6 10	12 38	1 28	17 17	0 52	21 58	1 16	16 57
S 19	20 34	11 54	3 29	15 35	0 27	17 16	6 11	12 49	1 28	17 17	0 52	21 58	1 16	16 58
S 20	20 21	14 48	4 15	15 10	0 44	17 15	6 12	12 59	1 28	17 18	0 52	21 58	1 16	16 58
M21	20 9	16 59	4 48	14 48	1 2	17 15	6 13	13 9	1 28	17 18	0 52	21 59	1 16	16 59
T 22	19 55	18 12	5 4	14 29	1 19	17 15	6 13	13 19	1 28	17 19	0 51	21 59	1 16	16 59
W23	19 42	18 14	5 1	14 12	1 37	17 15	6 13	13 29	1 28	17 19	0 51	21 59	1 16	17 0
T 24	19 28	17 1	4 38	14 0	1 55	17 16	6 12	13 39	1 27	17 20	0 51	22 0	1 16	17 0
F 25	19 14	14 34	3 54	13 51	2 13	17 17	6 11	13 49	1 27	17 21	0 50	22 0	1 16	17 0
S 26	18 59	11 7	2 54	13 45	2 30	17 19	6 9	13 59	1 27	17 21	0 50	22 0	1 16	17 1
S 27	18 44	6 57	1 42	13 44	2 45	17 21	6 7	14 8	1 27	17 22	0 50	22 1	1 16	17 1
M28	18 29	2 27	0 24	13 47	3 0	17 23	6 5	14 18	1 27	17 23	0 50	22 1	1 16	17 2
T 29	18 13	2n 4	0s53	13 53	3 12	17 25	6 2	14 27	1 27	17 24	0 49	22 1	1 16	17 2
W30	17 57	6 20	2 5	14 2	3 22	17 28	5 59	14 36	1 26	17 25	0 49	22 1	1 16	17 2
T 31	17s41	10n 8	3s 7	14s14	3n30	17s30	5n56	14s46	1n26	17n26	0s49	22s 2	1n16	17s 3

Julian Day Number = 2382513.5, Delta T = 15.22 sec
Ecliptic obliquity = 23°27'40, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°06'05, Lahiri = 21°13'05

ASTRODIENST EPHEMERIS for the year 1811

geocentric

FEBRUARY 1811

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	8 41 12	11°17'48	17°43	9°R20	2°33	14°M46	21°847	23°29	18°M39	10°245	15°43	27°R26	28°M53	16°Q32	20°44	F 1
S 2	8 45 9	12°18'39	0°II29	8°7	3°3	15°16	21°51	23°35	18°40	10°46	15°44	27°M24	28°50	16°39	20°48	S 2
S 3	8 49 5	13°19'29	12°58	6°56	3°33	15°46	21°54	23°40	18°42	10°47	15°46	27°20	28°47	16°45	20°52	S 3
M 4	8 53 2	14°20'17	25°15	5°50	4°5	16°16	21°58	23°46	18°43	10°49	15°47	27°14	28°44	16°52	20°57	M 4
T 5	8 56 59	15°21'04	7°22	4°50	4°38	16°46	22°2	23°51	18°44	10°50	15°48	27°7	28°41	16°59	21°1	T 5
W 6	9 0 55	16°21'50	19°21	3°57	5°13	17°15	22°6	23°56	18°45	10°51	15°50	26°59	28°37	17°5	21°5	W 6
T 7	9 4 52	17°22'34	1°Q16	3°11	5°49	17°44	22°10	24°1	18°45	10°52	15°51	26°51	28°34	17°12	21°10	T 7
F 8	9 8 48	18°23'17	13°7	2°33	6°26	18°13	22°14	24°6	18°46	10°53	15°53	26°44	28°31	17°19	21°14	F 8
S 9	9 12 45	19°23'58	24°57	2°4	7°5	18°42	22°19	24°11	18°47	10°54	15°54	26°38	28°28	17°25	21°18	S 9
S 10	9 16 41	20°24'38	6°M47	1°42	7°45	19°11	22°23	24°16	18°48	10°56	15°55	26°34	28°25	17°32	21°23	S 10
M 11	9 20 38	21°25'17	18°39	1°29	8°26	19°40	22°28	24°21	18°48	10°57	15°57	26°32	28°22	17°39	21°27	M 11
T 12	9 24 34	22°25'54	0°Q36	1°D23	9°8	20°8	22°33	24°26	18°49	10°58	15°58	26°D32	28°18	17°45	21°31	T 12
W 13	9 28 31	23°26'30	12°40	1°24	9°51	20°37	22°39	24°31	18°50	10°59	16°0	26°33	28°15	17°52	21°36	W 13
T 14	9 32 28	24°27'05	24°56	1°32	10°35	21°5	22°44	24°36	18°50	11°0	16°1	26°35	28°12	17°59	21°40	T 14
F 15	9 36 24	25°27'38	7°M27	1°47	11°20	21°33	22°50	24°40	18°51	11°0	16°3	26°36	28°9	18°6	21°45	F 15
S 16	9 40 21	26°28'11	20°16	2°7	12°7	22°0	22°56	24°45	18°51	11°1	16°4	26°38	28°6	18°12	21°49	S 16
S 17	9 44 17	27°28'42	3°29	2°33	12°54	22°28	23°2	24°49	18°51	11°2	16°6	26°R38	28°2	18°19	21°53	S 17
M 18	9 48 14	28°29'12	17°8	3°4	13°41	22°55	23°8	24°53	18°52	11°3	16°7	26°36	27°59	18°26	21°57	M 18
T 19	9 52 10	29°29'40	1°313	3°40	14°30	23°22	23°14	24°58	18°52	11°4	16°9	26°34	27°56	18°32	22°2	T 19
W 20	9 56 7	0°30'08	15°44	4°20	15°20	23°49	23°20	25°2	18°52	11°5	16°10	26°30	27°53	18°39	22°6	W 20
T 21	10 0 3	1°30'34	0°38	5°5	16°10	24°16	23°27	25°6	18°52	11°5	16°12	26°27	27°50	18°46	22°10	T 21
F 22	10 4 0	2°30'58	15°46	5°53	17°1	24°42	23°34	25°10	18°52	11°6	16°13	26°23	27°47	18°52	22°15	F 22
S 23	10 7 57	3°31'21	1°0	6°44	17°53	25°8	23°41	25°14	18°R52	11°7	16°15	26°21	27°43	18°59	22°19	S 23
S 24	10 11 53	4°31'42	16°9	7°39	18°45	25°34	23°48	25°18	18°52	11°7	16°16	26°20	27°40	19°6	22°23	S 24
M 25	10 15 50	5°32'01	1°Y4	8°36	19°38	26°0	23°55	25°22	18°52	11°8	16°18	26°D19	27°37	19°12	22°28	M 25
T 26	10 19 46	6°32'18	15°47	9°37	20°32	26°26	24°2	25°26	18°52	11°8	16°20	26°20	27°34	19°19	22°32	T 26
W 27	10 23 43	7°32'33	29°45	10°39	21°26	26°51	24°10	25°29	18°52	11°9	16°21	26°21	27°31	19°26	22°36	W 27
T 28	10 27 39	8°32'47	13°26	11°45	22°31	27°M16	24°18	25°33	18°M51	11°9	16°23	26°M23	27°M28	19°Q32	22°40	T 28

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	17s24	13n19	3s58	14s28	3n36	17s33	5n53	14s55	1n26	17n27	0s49	22s 2	1n16	17s 3	0n21	20s34	1n32	18s58	14s30	1n 1	0n27	12n35	8s51	6n 4			
S 2	17 7	15 46	4 36	14 44	3 39	17 36	5 49	15 4	1 26	17 28	0 48	22 2	1 16	17 3	0 21	20 34	1 32	18 57	14 30	1 2	0 28	12 34	8 49	6 4			
S 3	16 50	17 25	4 59	15 1	3 40	17 39	5 46	15 12	1 26	17 29	0 48	22 2	1 16	17 4	0 21	20 34	1 32	18 56	14 30	1 4	0 29	12 32	8 48	6 4			
M 4	16 33	18 14	5 9	15 18	3 38	17 42	5 42	15 21	1 25	17 30	0 48	22 3	1 16	17 4	0 21	20 34	1 32	18 56	14 30	1 6	0 30	12 31	8 47	6 3			
T 5	16 15	18 12	5 4	15 36	3 34	17 46	5 37	15 30	1 25	17 32	0 48	22 3	1 16	17 4	0 21	20 34	1 32	18 55	14 30	1 9	0 32	12 29	8 46	6 3			
W 6	15 57	17 21	4 46	15 54	3 29	17 49	5 33	15 38	1 25	17 33	0 47	22 3	1 16	17 4	0 21	20 34	1 32	18 54	14 30	1 12	0 33	12 28	8 44	6 3			
T 7	15 38	15 44	4 16	16 12	3 21	17 52	5 28	15 47	1 25	17 34	0 47	22 3	1 16	17 5	0 21	20 34	1 32	18 54	14 30	1 15	0 34	12 27	8 43	6 3			
F 8	15 20	13 28	3 34	16 29	3 13	17 55	5 24	15 55	1 24	17 35	0 47	22 3	1 16	17 5	0 21	20 35	1 32	18 53	14 29	1 18	0 35	12 25	8 42	6 3			
S 9	15 1	10 39	2 44	16 45	3 3	17 58	5 19	16 3	1 24	17 37	0 46	22 4	1 16	17 5	0 21	20 35	1 32	18 52	14 29	1 20	0 37	12 24	8 40	6 3			
S 10	14 42	7 24	1 46	17 0	2 53	18 1	5 14	16 11	1 24	17 38	0 46	22 4	1 16	17 5	0 21	20 35	1 32	18 51	14 29	1 22	0 38	12 23	8 39	6 3			
M 11	14 23	3 50	0 43	17 14	2 41	18 3	5 9	16 19	1 24	17 40	0 46	22 4	1 17	17 5	0 21	20 35	1 32	18 51	14 29	1 23	0 39	12 21	8 38	6 3			
T 12	14 3	0 6	0n22	17 26	2 29	18 6	5 4	16 27	1 23	17 41	0 46	22 4	1 17	17 6	0 21	20 35	1 32	18 50	14 29	1 23	0 40	12 20	8 36	6 3			
W 13	13 43	3s40	1 27	17 38	2 17	18 8	4 58	16 35	1 23	17 43	0 45	22 4	1 17	17 6	0 21	20 35	1 32	18 49	14 29	1 22	0 42	12 19	8 35	6 3			
T 14	13 23	7 21	2 29	17 48	2 5	18 10	4 53	16 43	1 23	17 45	0 45	22 4	1 17	17 6	0 21	20 35	1 33	18 49	14 29	1 22	0 43	12 17	8 34	6 3			
F 15	13 3	10 46	3 26	17 57	1 53	18 12	4 47	16 50	1 22	17 46	0 45	22 5	1 17	17 6	0 21	20 35	1 33	18 48	14 29	1 21	0 44	12 16	8 32	6 3			
S 16	12 42	13 46	4 13	18 5	1 40	18 14	4 42	16 58	1 22	17 48	0 45	22 5	1 17	17 6	0 21	20 35	1 33	18 47	14 29	1 21	0 46	12 14	8 31	6 3			
S 17	12 22	16 8	4 49	18 11	1 28	18 15	4 36	17 5	1 22	17 50	0 45	22 5	1 17	17 6	0 21	20 35	1 33	18 47	14 28	1 21	0 47	12 13	8 30	6 3			
M 18	12 1	17 42	5 10	18 16	1 16	18 17	4 30	17 12	1 21	17 51	0 44	22 5	1 17	17 6	0 21	20 35	1 33	18 46	14 28	1 21	0 48	12 12	8 28	6 3			
T 19	11 40	18 14	5 13	18 19	1 4	18 17	4 24	17 20	1 21	17 53	0 44	22 5	1 17	17 6	0 21	20 35	1 33	18 45	14 28	1 22	0 49	12 10	8 27	6 3			
W 20	11 18	17 37	4 57	18 21	0 52	18 18	4 19	17 27	1 21	17 55	0 44	22 5	1 17	17 6	0 21	20 36	1 33	18 45	14 28	1 23	0 51	12 9	8 26	6 3			
T 21	10 57	15 48	4 20	18 22	0 40	18 18	4 13	17 34	1 20	17 57	0 44	22 5	1 17	17 6	0 21	20 36	1 33	18 44	14 28	1 25	0 52	12 8	8 24	6 3			
F 22	10 35	12 51	3 25	18 21	0 29	18 18	4 7	17 40	1 20	17 59	0 43	22 5	1 17	17 6	0 21	20 36	1 33	18 43	14 28	1 26	0 53	12 6	8 23	6 3			
S 23	10 13	9 1	2 15	18 19	0 18	18 17	4 1	17 47	1 19	18 1	0 43	22 6	1 17	17 6	0 21	20 36	1 33	18 43	14 28	1 27	0 54	12 5	8 21	6 3			
S 24	9 52	4 37	0 56	18 16	0 7	18 16	3 55	17 54	1 19	18 3	0 43	22 6	1 17	17 6	0 21	20 36	1 33	18 42	14 28	1 28	0 56	12 3	8 20	6 3			
M 25	9 29	0n 1	0s26	18 11	0s 3	18 15	3 49	18 0	1 18	18 5	0 43	22 6	1 17	17 6	0 22	20 36	1 33	18 41	14 28	1 28	0 57	12 2	8 19	6 3			
T 26	9 7	4 33	1 45	18 4	0 13	18 14	3 42	18 7	1 18	18 7	0 42	22 6	1 17	17 6	0 22	20 36	1 33	18 41	14 28	1 28	0 58	12 1	8 17	6 3			
W 27	8 45	8 40	2 54	17 57	0 23	18 11	3 36	18 13	1 17	18 9	0 42	22 6	1 17	17 6	0 22	20 36	1 33	18 40	14 28	1 27	0 59	11 59	8 16	6 3			
T 28	8s22	12n12	3s52	17s48	0s32	18s 9	3n30	18s19	1n17	18n11	0s42	22s 6	1n17	17s 6	0n22	20s36	1n33	18s39	14s28	1n26	1n 1	11n58	8s14	6n 3			

Julian Day Number = 2382544.5, Delta T = 15.23 sec

Ecliptic obliquity = 23°27'41, Nutation = 0°00'01, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 22°06'09, Lahiri = 21°13'09

ASTRODIENST EPHEMERIS for the year 1811

geocentric

MARCH 1811

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	10 31 36	9♂32'58	26♂40	12♂52	23♂16	27♂40	24♂25	25♂36	18°R51	11♂10	16♂24	26♂24	27♂24	19♂239	22♂44	F 1
S 2	10 35 32	10°33'07	9♂31	14° 2	24°12	28° 5	24°33	25°40	18♂51	11°10	16°26	26°R24	27°21	19°46	22°49	S 2
S 3	10 39 29	11°33'14	22° 1	15°13	25° 9	28°29	24°42	25°43	18°50	11°11	16°27	26°24	27°18	19°52	22°53	S 3
M 4	10 43 25	12°33'19	4♂15	16°27	26° 6	28°53	24°50	25°46	18°50	11°11	16°29	26°23	27°15	19°59	22°57	M 4
T 5	10 47 22	13°33'22	16°18	17°42	27° 3	29°16	24°58	25°50	18°49	11°11	16°31	26°21	27°12	20° 6	23° 1	T 5
W 6	10 51 19	14°33'23	28°12	18°59	28° 1	29°40	25° 7	25°53	18°49	11°12	16°32	26°20	27° 8	20°12	23° 5	W 6
T 7	10 55 15	15°33'22	10♂ 2	20°18	28°59	0♂ 3	25°15	25°56	18°48	11°12	16°34	26°18	27° 5	20°19	23° 9	T 7
F 8	10 59 12	16°33'18	21°51	21°38	29°58	0°25	25°24	25°58	18°47	11°12	16°35	26°16	27° 2	20°26	23°13	F 8
S 9	11 3 8	17°33'13	3♂42	23° 0	0♂57	0°48	25°33	26° 1	18°47	11°12	16°37	26°15	26°59	20°32	23°17	S 9
S 10	11 7 5	18°33'05	15°36	24°23	1°57	1°10	25°42	26° 4	18°46	11°13	16°38	26°15	26°56	20°39	23°21	S 10
M 11	11 11 1	19°32'56	27°36	25°48	2°57	1°32	25°51	26° 6	18°45	11°13	16°40	26°D15	26°53	20°46	23°25	M 11
T 12	11 14 58	20°32'44	9♂43	27°14	3°57	1°53	26° 1	26° 9	18°44	11°13	16°42	26°15	26°49	20°52	23°29	T 12
W 13	11 18 54	21°32'31	22° 0	28°41	4°58	2°14	26°10	26°11	18°43	11°13	16°43	26°15	26°46	20°59	23°33	W 13
T 14	11 22 51	22°32'16	4♂28	0♂10	5°59	2°35	26°20	26°14	18°42	11°R13	16°45	26°16	26°43	21° 6	23°37	T 14
F 15	11 26 48	23°31'59	17°10	1°40	7° 0	2°55	26°29	26°16	18°41	11°13	16°46	26°16	26°40	21°12	23°41	F 15
S 16	11 30 44	24°31'41	0♂ 7	3°11	8° 2	3°15	26°39	26°18	18°40	11°13	16°48	26°16	26°37	21°19	23°45	S 16
S 17	11 34 41	25°31'20	13°22	4°44	9° 4	3°35	26°49	26°20	18°39	11°13	16°49	26°16	26°33	21°26	23°49	S 17
M 18	11 38 37	26°30'58	26°57	6°18	10° 6	3°54	26°59	26°22	18°38	11°13	16°51	26°16	26°30	21°32	23°53	M 18
T 19	11 42 34	27°30'35	10♂51	7°54	11° 9	4°13	27° 9	26°24	18°36	11°12	16°53	26°16	26°27	21°39	23°57	T 19
W 20	11 46 30	28°30'09	25° 6	9°30	12°12	4°31	27°19	26°26	18°35	11°12	16°54	26°16	26°24	21°46	24° 0	W 20
T 21	11 50 27	29°29'42	9♂38	11° 8	13°15	4°49	27°29	26°27	18°34	11°12	16°56	26°17	26°21	21°52	24° 4	T 21
F 22	11 54 23	0♂29'13	24°25	12°47	14°18	5° 7	27°40	26°29	18°32	11°12	16°57	26°17	26°18	21°59	24° 8	F 22
S 23	11 58 20	1°28'42	9♂19	14°28	15°22	5°24	27°50	26°30	18°31	11°12	16°59	26°17	26°14	22° 6	24°11	S 23
S 24	12 2 17	2°28'10	24°13	16°10	16°26	5°40	28° 1	26°32	18°30	11°11	17° 0	26°R18	26°11	22°12	24°15	S 24
M 25	12 6 13	3°27'35	9♂ 1	17°53	17°30	5°57	28°12	26°33	18°28	11°11	17° 2	26°17	26° 8	22°19	24°19	M 25
T 26	12 10 10	4°26'58	23°33	19°37	18°35	6°12	28°23	26°34	18°27	11°11	17° 3	26°17	26° 5	22°26	24°22	T 26
W 27	12 14 6	5°26'19	7♂44	21°23	19°39	6°28	28°33	26°35	18°25	11°10	17° 5	26°16	26° 2	22°32	24°26	W 27
T 28	12 18 3	6°25'38	21°32	23°10	20°44	6°42	28°44	26°36	18°23	11°10	17° 6	26°15	25°59	22°39	24°29	T 28
F 29	12 21 59	7°24'54	4♂51	24°59	21°49	6°57	28°56	26°37	18°22	11° 9	17° 8	26°13	25°55	22°46	24°33	F 29
S 30	12 25 56	8°24'09	17°51	26°49	22°54	7°10	29° 7	26°38	18°20	11° 9	17° 9	26°12	25°52	22°52	24°36	S 30
S 31	12 29 52	9♂23'21	0♂26	28♂40	24♂ 0	7♂24	29♂18	26♂38	18♂18	11♂ 8	17♂11	26♂12	25♂49	22♂59	24♂39	S 31

Day	☉	☽		♂	♀		♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
F 1	8s 0	14n58	4s35	17s37	0s41	18s 6	3n24	18s25	1n16	18n13	0s42	22s 6	1n17	17s 6	0n22	20s36	1n33	18s39	14s28	1n26	1n 2	11n56	8s13	6n 3	
S 2	7 37	16 54	5 3	17 25	0 50	18 3	3 18	18 31	1 16	18 15	0 42	22 6	1 17	17 6	0 22	20 36	1 33	18 38	14 28	1 26	1 3	11 55	8 12	6 3	
S 3	7 14	17 58	5 16	17 12	0 58	17 59	3 12	18 37	1 15	18 18	0 41	22 6	1 17	17 6	0 22	20 36	1 33	18 38	14 28	1 26	1 4	11 54	8 10	6 3	
M 4	6 51	18 10	5 14	16 58	1 6	17 55	3 6	18 43	1 15	18 20	0 41	22 6	1 18	17 6	0 22	20 36	1 33	18 37	14 28	1 26	1 6	11 52	8 9	6 3	
T 5	6 28	17 32	4 58	16 42	1 13	17 50	2 59	18 49	1 14	18 22	0 41	22 6	1 18	17 5	0 22	20 36	1 33	18 36	14 28	1 27	1 7	11 51	8 7	6 4	
W 6	6 5	16 9	4 29	16 25	1 20	17 45	2 53	18 54	1 13	18 24	0 41	22 6	1 18	17 5	0 22	20 36	1 33	18 36	14 28	1 28	1 8	11 49	8 6	6 4	
T 7	5 42	14 4	3 49	16 6	1 27	17 39	2 47	19 0	1 13	18 26	0 40	22 6	1 18	17 5	0 22	20 36	1 34	18 35	14 28	1 28	1 10	11 48	8 5	6 4	
F 8	5 19	11 24	3 0	15 46	1 33	17 33	2 41	19 5	1 12	18 29	0 40	22 6	1 18	17 5	0 22	20 36	1 34	18 35	14 28	1 29	1 11	11 47	8 3	6 4	
S 9	4 55	8 16	2 2	15 25	1 39	17 27	2 35	19 10	1 11	18 31	0 40	22 6	1 18	17 5	0 22	20 36	1 34	18 34	14 28	1 29	1 12	11 45	8 2	6 4	
S 10	4 32	4 47	0 59	15 3	1 44	17 20	2 29	19 16	1 11	18 33	0 40	22 6	1 18	17 4	0 22	20 36	1 34	18 33	14 28	1 30	1 13	11 44	8 0	6 4	
M 11	4 8	1 4	0n 7	14 39	1 50	17 12	2 23	19 21	1 10	18 36	0 40	22 6	1 18	17 4	0 22	20 36	1 34	18 33	14 28	1 30	1 15	11 42	7 59	6 4	
T 12	3 45	2s43	1 14	14 14	1 54	17 4	2 17	19 26	1 9	18 38	0 39	22 6	1 18	17 4	0 22	20 36	1 34	18 32	14 28	1 30	1 16	11 41	7 58	6 4	
W 13	3 21	6 26	2 18	13 48	1 59	16 56	2 11	19 31	1 8	18 41	0 39	22 6	1 18	17 4	0 22	20 36	1 34	18 32	14 28	1 29	1 17	11 39	7 56	6 4	
T 14	2 58	9 56	3 17	13 20	2 2	16 47	2 5	19 35	1 8	18 43	0 39	22 6	1 18	17 3	0 22	20 36	1 34	18 31	14 28	1 29	1 18	11 38	7 55	6 5	
F 15	2 34	13 1	4 7	12 51	2 6	16 38	1 59	19 40	1 7	18 45	0 39	22 6	1 18	17 3	0 22	20 36	1 34	18 30	14 28	1 29	1 20	11 37	7 54	6 5	
S 16	2 11	15 32	4 45	12 21	2 9	16 28	1 53	19 45	1 6	18 48	0 39	22 6	1 18	17 3	0 22	20 36	1 34	18 30	14 28	1 29	1 21	11 35	7 52	6 5	
S 17	1 47	17 18	5 10	11 49	2 12	16 17	1 47	19 49	1 5	18 50	0 38	22 6	1 18	17 2	0 22	20 35	1 34	18 29	14 28	1 29	1 22	11 34	7 51	6 5	
M 18	1 23	18 8	5 18	11 17	2 14	16 6	1 41	19 54	1 4	18 53	0 38	22 6	1 18	17 2	0 22	20 35	1 34	18 29	14 28	1 29	1 23	11 32	7 49	6 5	
T 19	0 59	17 54	5 8	10 43	2 15	15 55	1 35	19 58	1 3	18 55	0 38	22 6	1 18	17 2	0 22	20 35	1 34	18 28	14 28	1 29	1 25	11 31	7 48	6 5	
W 20	0 36	16 34	4 39	10 7	2 17	15 43	1 29	20 3	1 2	18 58	0 38	22 6	1 19	17 1	0 22	20 35	1 34	18 28	14 29	1 29	1 26	11 29	7 47	6 6	
T 21	0 12	14 8	3 51	9 31	2 18	15 31	1 24	20 7	1 1	19 0	0 38	22 6	1 19	17 1	0 22	20 35	1 34	18 27	14 29	1 29	1 27	11 28	7 45	6 6	
F 22	0n12	10 45	2 48	8 53	2 18	15 18	1 18	20 11	1 0	19 3	0 37	22 6	1 19	17 1	0 22	20 35	1 34	18 27	14 29	1 29	1 28	11 27	7 44	6 6	
S 23	0 35	6 39	1 33	8 15	2 18	15 5	1 13	20 15	0 59	19 5	0 37	22 6	1 19	17 0	0 22	20 35	1 34	18 26	14 29	1 29	1 30	11 25	7 43	6 6	
S 24	0 59	2 7	0 12	7 34	2 17	14 52	1 7	20 19	0 58	19 8	0 37	22 6	1 19	17 0	0 22	20 35	1 34	18 26	14 29	1 28	1 31	11 24	7 41	6 6	
M 25	1 23	2n30	1s10	6 53	2 16	14 38	1 1	20 23	0 57	19 11	0 37	22 6	1 19	16 59	0 22	20 35	1 34	18 25	14 29	1 29	1 32	11 22	7 40	6 6	
T 26	1 46	6 54	2 26	6 11	2 15	14 23	0 56	20 27	0 56	19 13	0 37	22 6	1 19	16 59	0 22	20 35	1 34	18 25	14 29	1 29	1 34	11 21	7 38	6 7	
W 27	2 10	10 47	3 30	5 27	2 13	14 8	0 51	20 30	0 55	19 16	0 37	22 6	1 19	16 59	0 22	20 35	1 34	18 24	14 29	1 29	1 35	11 19	7 37	6 7	
T 28	2 33	13 58	4 21	4 43	2 11	13 53	0 45	20 34	0 54	19 18	0 36	22 6	1 19	16 58	0 22	20 35	1 34	18 24	14 29	1 30	1 36	11 18	7 36	6 7	
F 29	2 57	16 17	4 55	3 57	2 8	13 37	0 40	20 38	0 52	19 21	0 36	22 6	1 19	16 58	0 22	20 34	1 35	18 23	14 30	1 30	1 37	11 16	7 35	6 7	
S 30	3 20	17 42	5 14	3 10	2 4	13 21	0 35	20 41	0 51	19 24	0 36	22 6	1 19	16 57	0 22	20 34	1 35	18 23	14 30	1 31	1 39	11 15	7 33	6 7	
S 31	3n43	18n11	5s16	2s22	2s 0	13s 4	0n30	20s45	0n50	19n26	0s36	22s 6	1n19	16s57	0n22	20s34	1n35	18s22	14s30	1n31	1n40	11n14	7s32	6n 8	

ASTRODIENST EPHEMERIS for the year 1811
geocentric

MAY 1811

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
W 1	14 32 6	9♌41'53	14♌42	29♊ 9	28♋58	9°R 2	5♌43	26°R11	17°R10	10°R38	17♋51	25°D21	24♎10	26♏26	26≈ 1	W 1
T 2	14 36 2	10°40'03	26°31	0♌36	0♎ 7	8♌54	5°56	26♌ 8	17♎ 7	10♌37	17°52	25♎22	24° 7	26°32	26° 3	T 2
F 3	14 39 59	11°38'10	8♎21	1°58	1°17	8°45	6°10	26° 6	17° 5	10°35	17°53	25°24	24° 4	26°39	26° 5	F 3
S 4	14 43 55	12°36'16	20°17	3°17	2°26	8°35	6°23	26° 3	17° 2	10°34	17°54	25°R25	24° 1	26°46	26° 7	S 4
S 5	14 47 52	13°34'20	2♌22	4°31	3°36	8°24	6°37	26° 1	17° 0	10°33	17°55	25°25	23°58	26°52	26° 8	S 5
M 6	14 51 48	14°32'22	14°40	5°41	4°45	8°13	6°50	25°58	16°57	10°31	17°56	25°23	23°55	26°59	26°10	M 6
T 7	14 55 45	15°30'22	27°15	6°46	5°55	8° 1	7° 3	25°55	16°55	10°30	17°57	25°19	23°51	27° 6	26°11	T 7
W 8	14 59 41	16°28'20	10♎ 7	7°47	7° 5	7°48	7°17	25°52	16°52	10°28	17°58	25°13	23°48	27°12	26°13	W 8
T 9	15 3 38	17°26'17	23°16	8°43	8°15	7°35	7°31	25°49	16°50	10°27	17°59	25° 5	23°45	27°19	26°14	T 9
F 10	15 7 34	18°24'13	6♌43	9°35	9°24	7°21	7°44	25°46	16°47	10°26	18° 0	24°56	23°42	27°26	26°16	F 10
S 11	15 11 31	19°22'07	20°23	10°22	10°34	7° 6	7°58	25°43	16°45	10°24	18° 1	24°47	23°39	27°32	26°17	S 11
S 12	15 15 28	20°19'59	4♌15	11° 4	11°44	6°51	8°11	25°40	16°42	10°23	18° 2	24°39	23°36	27°39	26°18	S 12
M13	15 19 24	21°17'51	18°14	11°42	12°54	6°35	8°25	25°37	16°40	10°21	18° 2	24°33	23°32	27°46	26°19	M13
T 14	15 23 21	22°15'41	2≈19	12°15	14° 5	6°19	8°39	25°34	16°37	10°20	18° 3	24°29	23°29	27°52	26°21	T 14
W15	15 27 17	23°13'30	16°26	12°43	15°15	6° 1	8°52	25°30	16°35	10°18	18° 4	24°27	23°26	27°59	26°22	W15
T 16	15 31 14	24°11'17	0♋35	13° 6	16°25	5°44	9° 6	25°27	16°32	10°17	18° 5	24°D27	23°23	28° 6	26°23	T 16
F 17	15 35 10	25° 9'04	14°43	13°24	17°35	5°26	9°20	25°24	16°30	10°15	18° 6	24°28	23°20	28°12	26°24	F 17
S 18	15 39 7	26° 6'49	28°51	13°37	18°46	5° 7	9°34	25°20	16°27	10°13	18° 6	24°R28	23°16	28°19	26°24	S 18
S 19	15 43 3	27° 4'34	12♎55	13°45	19°56	4°48	9°47	25°16	16°25	10°12	18° 7	24°27	23°13	28°26	26°25	S 19
M20	15 47 0	28° 2'17	26°54	13°R49	21° 7	4°29	10° 1	25°13	16°22	10°10	18° 8	24°23	23°10	28°32	26°26	M20
T 21	15 50 57	28°59'59	10♌45	13°48	22°17	4° 9	10°15	25° 9	16°20	10° 9	18° 8	24°17	23° 7	28°39	26°27	T 21
W22	15 54 53	29°57'40	24°24	13°42	23°28	3°49	10°29	25° 5	16°17	10° 7	18° 9	24° 8	23° 4	28°46	26°27	W22
T 23	15 58 50	0♌55'20	7♌50	13°32	24°38	3°29	10°43	25° 2	16°15	10° 6	18°10	23°57	23° 1	28°52	26°28	T 23
F 24	16 2 46	1°52'58	20°58	13°18	25°49	3° 9	10°57	24°58	16°12	10° 4	18°10	23°46	22°57	28°59	26°28	F 24
S 25	16 6 43	2°50'36	3♌49	13° 0	27° 0	2°48	11°10	24°54	16°10	10° 2	18°11	23°35	22°54	29° 5	26°29	S 25
S 26	16 10 39	3°48'12	16°22	12°38	28°10	2°27	11°24	24°50	16° 8	10° 1	18°11	23°25	22°51	29°12	26°29	S 26
M27	16 14 36	4°45'46	28°38	12°13	29°21	2° 7	11°38	24°46	16° 5	9°59	18°12	23°18	22°48	29°19	26°30	M27
T 28	16 18 33	5°43'19	10♌42	11°46	0♌32	1°46	11°52	24°42	16° 3	9°57	18°13	23°13	22°45	29°25	26°30	T 28
W29	16 22 29	6°40'51	22°35	11°16	1°43	1°25	12° 6	24°38	16° 1	9°56	18°13	23°10	22°42	29°32	26°30	W29
T 30	16 26 26	7°38'22	4♎25	10°44	2°54	1° 4	12°20	24°34	15°58	9°54	18°14	23°D 9	22°38	29°39	26°30	T 30
F 31	16 30 22	8♌35'51	16♎14	10♌11	4♌ 4	0♌44	12♌34	24♌29	15♎56	9♌53	18♌14	23♎ 9	22♎35	29♌45	26≈30	F 31

Day	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	
W 1	14n44	13n12 3s23	22n18 2n23	1s45 1s27	22s 1 0s11	20n46 0s31	22s 4 1n21	16s38 0n22	20s29 1n36	18s13 14s37	1n51 2n19	10n28 6s57	6n16		
T 2	15 2	10 20 2 30	22 41 2 27	1 19 1 30	22 2 0 14	20 48 0 31	22 3 1 21	16 37 0 22	20 29 1 36	18 12 14 37	1 50 2 20	10 26 6 56	6 17		
F 3	15 20	7 2 1 31	23 2 2 30	0 54 1 32	22 4 0 17	20 51 0 31	22 3 1 21	16 36 0 22	20 29 1 36	18 12 14 37	1 50 2 21	10 25 6 55	6 17		
S 4	15 38	3 26 0 28	23 19 2 32	0 28 1 34	22 5 0 20	20 53 0 31	22 3 1 21	16 36 0 22	20 28 1 36	18 12 14 38	1 49 2 23	10 23 6 54	6 18		
S 5	15 56	0s22 0n37	23 35 2 34	0 2 1 36	22 6 0 23	20 56 0 31	22 3 1 21	16 35 0 22	20 28 1 36	18 12 14 38	1 50 2 24	10 22 6 53	6 18		
M 6	16 13	4 13 1 42	23 48 2 34	0n24 1 38	22 7 0 26	20 58 0 31	22 3 1 21	16 34 0 22	20 28 1 36	18 12 14 38	1 50 2 25	10 20 6 52	6 18		
T 7	16 30	7 58 2 43	23 59 2 34	0 50 1 40	22 8 0 29	21 0 0 31	22 3 1 21	16 33 0 22	20 28 1 36	18 12 14 39	1 52 2 27	10 19 6 51	6 19		
W 8	16 47	11 26 3 37	24 8 2 33	1 16 1 41	22 9 0 32	21 3 0 30	22 3 1 21	16 33 0 22	20 27 1 36	18 12 14 39	1 54 2 28	10 17 6 51	6 19		
T 9	17 3	14 24 4 21	24 15 2 30	1 42 1 43	22 10 0 35	21 5 0 30	22 3 1 21	16 32 0 22	20 27 1 36	18 12 14 39	1 57 2 29	10 15 6 50	6 19		
F 10	17 19	16 40 4 51	24 19 2 27	2 8 1 45	22 11 0 38	21 7 0 30	22 3 1 21	16 31 0 22	20 27 1 36	18 12 14 39	2 1 2 30	10 14 6 49	6 20		
S 11	17 35	18 3 5 5	24 22 2 22	2 34 1 46	22 11 0 41	21 10 0 30	22 3 1 21	16 31 0 22	20 27 1 36	18 12 14 40	2 4 2 32	10 12 6 48	6 20		
S 12	17 51	18 22 5 2	24 23 2 17	3 0 1 47	22 12 0 44	21 12 0 30	22 2 1 21	16 30 0 22	20 27 1 36	18 12 14 40	2 8 2 33	10 11 6 47	6 20		
M13	18 6	17 35 4 40	24 21 2 10	3 26 1 49	22 12 0 47	21 14 0 30	22 2 1 21	16 29 0 22	20 26 1 36	18 11 14 40	2 10 2 34	10 9 6 47	6 21		
T 14	18 21	15 44 4 2	24 18 2 3	3 52 1 50	22 12 0 50	21 17 0 30	22 2 1 21	16 28 0 22	20 26 1 36	18 11 14 41	2 12 2 35	10 8 6 46	6 21		
W15	18 36	12 55 3 9	24 14 1 54	4 18 1 51	22 13 0 53	21 19 0 30	22 2 1 21	16 28 0 22	20 26 1 36	18 11 14 41	2 12 2 37	10 6 6 45	6 21		
T 16	18 50	9 20 2 4	24 7 1 44	4 44 1 52	22 13 0 57	21 21 0 29	22 2 1 21	16 27 0 22	20 26 1 36	18 11 14 41	2 12 2 38	10 5 6 45	6 22		
F 17	19 4	5 13 0 52	23 59 1 34	5 10 1 53	22 13 1 0	21 23 0 29	22 2 1 21	16 26 0 22	20 25 1 36	18 11 14 42	2 12 2 39	10 3 6 44	6 22		
S 18	19 18	0 49 0s23	23 49 1 22	5 36 1 53	22 13 1 3	21 25 0 29	22 2 1 21	16 26 0 22	20 25 1 36	18 11 14 42	2 12 2 40	10 2 6 43	6 22		
S 19	19 31	3n37 1 37	23 37 1 9	6 2 1 54	22 12 1 6	21 27 0 29	22 2 1 21	16 25 0 22	20 25 1 36	18 11 14 42	2 12 2 42	10 0 6 43	6 23		
M20	19 44	7 50 2 44	23 24 0 56	6 28 1 55	22 12 1 10	21 30 0 29	22 1 1 21	16 24 0 22	20 25 1 36	18 11 14 43	2 14 2 43	9 59 6 42	6 23		
T 21	19 57	11 34 3 41	23 10 0 42	6 54 1 55	22 11 1 13	21 32 0 29	22 1 1 21	16 24 0 22	20 25 1 36	18 12 14 43	2 16 2 44	9 57 6 42	6 24		
W22	20 10	14 38 4 24	22 54 0 27	7 20 1 56	22 11 1 16	21 34 0 29	22 1 1 21	16 23 0 22	20 24 1 36	18 12 14 43	2 20 2 45	9 56 6 41	6 24		
T 23	20 22	16 51 4 51	22 38 0 11	7 45 1 56	22 10 1 19	21 36 0 29	22 1 1 21	16 22 0 22	20 24 1 36	18 12 14 44	2 24 2 47	9 54 6 41	6 24		
F 24	20 33	18 8 5 2	22 20 0s 6	8 11 1 56	22 9 1 23	21 38 0 29	22 1 1 21	16 22 0 21	20 24 1 36	18 12 14 44	2 29 2 48	9 52 6 40	6 25		
S 25	20 45	18 27 4 58	22 1 0 22	8 36 1 56	22 9 1 26	21 40 0 29	22 1 1 21	16 21 0 21	20 24 1 36	18 12 14 45	2 33 2 49	9 51 6 40	6 25		
S 26	20 56	17 50 4 39	21 41 0 40	9 1 1 56	22 8 1 29	21 42 0 28	22 1 1 21	16 20 0 21	20 23 1 36	18 12 14 45	2 37 2 50	9 49 6 39	6 25		
M27	21 6	16 24 4 8	21 20 0 57	9 26 1 56	22 7 1 32	21 44 0 28	22 1 1 21	16 20 0 21	20 23 1 36	18 12 14 45	2 40 2 52	9 48 6 39	6 26		
T 28	21 17	14 16 3 26	20 59 1 14	9 51 1 56	22 5 1 35	21 46 0 28	22 0 1 21	16 19 0 21	20 23 1 36	18 12 14 46	2 42 2 53	9 46 6 38	6 26		
W29	21 27	11 33 2 35	20 38 1 32	10 16 1 56	22 4 1 39	21 48 0 28	22 0 1 21	16 18 0 21	20 23 1 36	18 12 14 46	2 43 2 54	9 45 6 38	6 26		
T 30	21 36	8 23 1 38	20 17 1 49	10 40 1 56	22 3 1 42	21 50 0 28	22 0 1 21	16 18 0 21	20 22 1 36	18 12 14 46	2 43 2 55	9 43 6 37	6 27		
F 31	21n45	4n52 0s37	19n55 2s 6	11n 5 1s55	22s 2 1s45	21n52 0s28	22s 0 1n21	16s17 0n21	20s22 1n36	18s13 14s47	2n43 2n57	9n42 6s37	6n27		

Julian Day Number = 2382633.5, Delta T = 15.26 sec
Ecliptic obliquity = 23°27'41", Nutation = - 0°00'03", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°06'21", Lahiri = 21°13'22"

ASTRODIENST EPHEMERIS for the year 1811

geocentric

JUNE 1811

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	16 34 19	9II33'19	28II10	9°R38	58°15	0°R23	12II48	24°R25	15°R54	9°R51	18°R14	23°R 9	22II32	29II52	26°R30	S 1
S 2	16 38 15	10°30'45	10II18	9II 4	6°26	0°R 3	13° 2	24°R21	15II52	9°R49	18°15	23II 8	22°29	29°59	26°R30	S 2
M 3	16 42 12	11°28'11	22°41	8°31	7°37	29II43	13°16	24°17	15°49	9°48	18°15	23° 5	22°26	0II 5	26°30	M 3
T 4	16 46 8	12°25'35	5II25	7°59	8°49	29°24	13°30	24°13	15°47	9°46	18°16	23° 0	22°22	0°12	26°30	T 4
W 5	16 50 5	13°22'58	18°30	7°29	10° 0	29° 4	13°44	24° 8	15°45	9°44	18°16	22°52	22°19	0°19	26°30	W 5
T 6	16 54 1	14°20'21	1°58	7° 1	11°11	28°45	13°58	24° 4	15°43	9°43	18°16	22°41	22°16	0°25	26°29	T 6
F 7	16 57 58	15°17'42	15°47	6°35	12°22	28°27	14°11	24° 0	15°41	9°41	18°17	22°30	22°13	0°32	26°29	F 7
S 8	17 1 55	16°15'03	29°53	6°12	13°33	28° 9	14°25	23°55	15°39	9°40	18°17	22°18	22°10	0°39	26°29	S 8
S 9	17 5 51	17°12'23	14II31	5°53	14°45	27°51	14°39	23°51	15°37	9°38	18°17	22° 8	22° 7	0°45	26°28	S 9
M10	17 9 48	18° 9'42	28°35	5°38	15°56	27°34	14°53	23°47	15°35	9°36	18°17	22° 0	22° 3	0°52	26°28	M10
T 11	17 13 44	19° 7'01	13II 0	5°26	17° 7	27°18	15° 7	23°42	15°33	9°35	18°17	21°54	22° 0	0°59	26°27	T 11
W12	17 17 41	20° 4'19	27°20	5°19	18°19	27° 2	15°21	23°38	15°31	9°33	18°18	21°51	21°57	1° 5	26°26	W12
T 13	17 21 37	21° 1'37	11II34	5°D16	19°30	26°46	15°35	23°33	15°29	9°32	18°18	21°50	21°54	1°12	26°26	T 13
F 14	17 25 34	21°58'55	25°40	5°18	20°42	26°32	15°49	23°29	15°27	9°30	18°18	21°50	21°51	1°19	26°25	F 14
S 15	17 29 31	22°56'12	9°Y36	5°24	21°53	26°17	16° 3	23°24	15°25	9°29	18°18	21°49	21°47	1°25	26°24	S 15
S 16	17 33 27	23°53'29	23°22	5°34	23° 5	26° 4	16°17	23°20	15°24	9°27	18°18	21°47	21°44	1°32	26°23	S 16
M17	17 37 24	24°50'46	7II 0	5°50	24°16	25°51	16°30	23°16	15°22	9°25	18°18	21°43	21°41	1°39	26°22	M17
T 18	17 41 20	25°48'02	20°27	6°10	25°28	25°40	16°44	23°11	15°20	9°24	18°18	21°36	21°38	1°45	26°21	T 18
W19	17 45 17	26°45'19	3II43	6°34	26°40	25°28	16°58	23° 7	15°18	9°22	18°18	21°26	21°35	1°52	26°20	W19
T 20	17 49 13	27°42'35	16°47	7° 3	27°51	25°18	17°12	23° 2	15°17	9°21	18°18	21°14	21°32	1°59	26°19	T 20
F 21	17 53 10	28°39'50	29°37	7°37	29° 3	25° 9	17°26	22°58	15°15	9°19	18°18	21° 1	21°28	2° 5	26°18	F 21
S 22	17 57 6	29°37'05	12II14	8°15	0II15	25° 0	17°39	22°53	15°14	9°18	18°18	20°48	21°25	2°12	26°17	S 22
S 23	18 1 3	0II34'20	24°37	8°57	1°27	24°52	17°53	22°49	15°12	9°16	18°18	20°37	21°22	2°18	26°15	S 23
M24	18 5 0	1°31'35	6II46	9°44	2°38	24°45	18° 7	22°45	15°11	9°15	18°18	20°28	21°19	2°25	26°14	M24
T 25	18 8 56	2°28'48	18°45	10°35	3°50	24°39	18°21	22°40	15° 9	9°13	18°18	20°22	21°16	2°32	26°12	T 25
W26	18 12 53	3°26'02	0II36	11°30	5° 2	24°33	18°34	22°36	15° 8	9°12	18°18	20°18	21°13	2°38	26°11	W26
T 27	18 16 49	4°23'15	12°24	12°30	6°14	24°29	18°48	22°32	15° 6	9°10	18°18	20°17	21° 9	2°45	26° 9	T 27
F 28	18 20 46	5°20'27	24°13	13°33	7°26	24°25	19° 2	22°27	15° 5	9° 9	18°17	20°D17	21° 6	2°52	26° 8	F 28
S 29	18 24 42	6°17'39	6II 8	14°41	8°38	24°22	19°15	22°23	15° 4	9° 8	18°17	20°R17	21° 3	2°58	26° 6	S 29
S 30	18 28 39	7II14'51	18II15	15II52	9II50	24II20	19II29	22°R19	15II 2	9°R 6	18°R17	20°R16	21°R 0	3°R 5	26°R 5	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
S 1	21n54	1n 8	0n27	19n34	2s22	11n29	1s55	22s 0	1s48	21n54	0s28	22s 0	1n21	16s16	0n21	20s22	1n36	18s13	14s47	2n43	2n58	9n40	6s37	6n28	
S 2	22 3	2s42	1 30	19 14	2 38	11 53	1 54	21 59	1 51	21 55	0 28	22 0	1 21	16 16	0 21	20 22	1 36	18 13	14 47	2 44	2 59	9 38	6 36	6 28	
M 3	22 11	6 31	2 30	18 54	2 52	12 16	1 54	21 57	1 54	21 57	0 28	22 0	1 21	16 15	0 21	20 21	1 36	18 13	14 48	2 45	3 0	9 37	6 36	6 28	
T 4	22 18	10 8	3 24	18 36	3 6	12 40	1 53	21 56	1 56	21 59	0 28	21 59	1 21	16 14	0 21	20 21	1 36	18 13	14 48	2 47	3 2	9 35	6 36	6 29	
W 5	22 26	13 21	4 9	18 18	3 19	13 3	1 52	21 54	1 59	22 1	0 27	21 59	1 21	16 14	0 21	20 21	1 36	18 13	14 49	2 50	3 3	9 34	6 36	6 29	
T 6	22 32	15 58	4 42	18 3	3 30	13 26	1 52	21 53	2 2	22 3	0 27	21 59	1 21	16 13	0 21	20 21	1 36	18 14	14 49	2 54	3 4	9 32	6 35	6 29	
F 7	22 39	17 45	4 59	17 48	3 41	13 48	1 51	21 51	2 5	22 4	0 27	21 59	1 21	16 13	0 21	20 21	1 36	18 14	14 49	2 59	3 5	9 31	6 35	6 30	
S 8	22 45	18 29	4 58	17 35	3 50	14 11	1 50	21 50	2 7	22 6	0 27	21 59	1 20	16 12	0 21	20 20	1 36	18 14	14 50	3 3	3 7	9 29	6 35	6 30	
S 9	22 51	18 5	4 39	17 25	3 58	14 33	1 49	21 48	2 10	22 8	0 27	21 59	1 20	16 12	0 21	20 20	1 36	18 14	14 50	3 7	3 8	9 28	6 35	6 30	
M10	22 56	16 30	4 2	17 16	4 4	14 54	1 47	21 47	2 12	22 9	0 27	21 59	1 20	16 11	0 21	20 20	1 36	18 15	14 50	3 11	3 9	9 26	6 35	6 31	
T 11	23 1	13 54	3 10	17 9	4 9	15 16	1 46	21 46	2 15	22 11	0 27	21 58	1 20	16 10	0 21	20 20	1 36	18 15	14 51	3 13	3 10	9 24	6 34	6 31	
W12	23 5	10 26	2 6	17 3	4 13	15 37	1 45	21 44	2 17	22 13	0 27	21 58	1 20	16 10	0 21	20 19	1 36	18 15	14 51	3 14	3 12	9 23	6 34	6 31	
T 13	23 9	6 24	0 54	17 0	4 15	15 58	1 44	21 43	2 20	22 14	0 27	21 58	1 20	16 9	0 21	20 19	1 36	18 15	14 51	3 15	3 13	9 21	6 34	6 32	
F 14	23 13	2 2	0s20	16 59	4 17	16 18	1 42	21 42	2 22	22 16	0 27	21 58	1 20	16 9	0 21	20 19	1 36	18 16	14 52	3 15	3 14	9 20	6 34	6 32	
S 15	23 16	2n23	1 33	17 0	4 17	16 38	1 41	21 40	2 24	22 17	0 27	21 58	1 20	16 8	0 21	20 19	1 36	18 16	14 52	3 15	3 16	9 18	6 34	6 32	
S 16	23 19	6 38	2 39	17 3	4 16	16 57	1 39	21 39	2 26	22 19	0 27	21 58	1 20	16 8	0 21	20 19	1 36	18 16	14 53	3 16	3 17	9 16	6 34	6 33	
M17	23 22	10 29	3 35	17 8	4 14	17 17	1 38	21 38	2 28	22 20	0 26	21 58	1 20	16 7	0 21	20 18	1 36	18 17	14 53	3 17	3 18	9 15	6 34	6 33	
T 18	23 24	13 44	4 18	17 14	4 11	17 35	1 36	21 37	2 30	22 22	0 26	21 57	1 20	16 7	0 21	20 18	1 36	18 17	14 53	3 20	3 19	9 13	6 34	6 33	
W19	23 25	16 13	4 47	17 23	4 6	17 54	1 34	21 37	2 32	22 23	0 26	21 57	1 20	16 6	0 21	20 18	1 36	18 17	14 54	3 24	3 21	9 12	6 34	6 34	
T 20	23 26	17 50	5 0	17 32	4 1	18 12	1 33	21 36	2 34	22 25	0 26	21 57	1 20	16 6	0 21	20 18	1 36	18 18	14 54	3 29	3 22	9 10	6 34	6 34	
F 21	23 27	18 30	4 57	17 44	3 55	18 29	1 31	21 35	2 36	22 26	0 26	21 57	1 20	16 5	0 21	20 18	1 36	18 18	14 54	3 34	3 23	9 9	6 34	6 34	
S 22	23 28	18 15	4 40	17 56	3 49	18 46	1 29	21 35	2 37	22 27	0 26	21 57	1 19	16 5	0 21	20 17	1 36	18 18	14 55	3 39	3 24	9 7	6 34	6 35	
S 23	23 28	17 7	4 10	18 10	3 41	19 3	1 27	21 34	2 39	22 29	0 26	21 57	1 19	16 5	0 21	20 17	1 36	18 19	14 55	3 43	3 26	9 5	6 35	6 35	
M24	23 27	15 13	3 29	18 25	3 33	19 19	1 25	21 34	2 41	22 30	0 26	21 57	1 19	16 4	0 21	20 17	1 36	18 19	14 56	3 47	3 27	9 4	6 35	6 35	
T 25	23 26	12 42	2 39	18 41	3 24	19 35	1 23	21 34	2 42	22 31	0 26	21 56	1 19	16 4	0 21	20 17	1 36	18 19	14 56	3 49	3 28	9 2	6 35	6 36	
W26	23 25	9 40	1 43	18 58	3 14	19 50	1 21	21 34	2 44	22 33	0 26	21 56	1 19	16 3	0 21	20 17	1 36	18 20	14 56	3 51	3 29	9 1	6 35	6 36	
T 27	23 23	6 16	0 42	19 16	3 4	20 4	1 19	21 34	2 45	22 34	0 26	21 56	1 19	16 3	0 21	20 16	1 36	18 20	14 57	3 51	3 31	8 59	6 35	6 36	
F 28	23 21	2 37	0n21	19 34	2 54	20 19	1 17	21 35	2 46	22 35	0 26	21 56	1 19	16 3	0 21	20 16	1 36	18 21	14 57	3 51	3 32	8 57	6 36	6 37	
S 29	23 19	1s10	1 23	19 53	2 43	20 32	1 14	21 35	2 48	22 36	0 25	21 56	1 19	16 2	0 21	20 16	1 35	18 21	14 57	3 51	3 33	8 56	6 36	6 37	
S 30	23n16	4s58	2n23	20n12	2s31	20n45	1s12	21s36	2s49	22n37	0s25	21s56	1n19	16s 2	0n21	20s16	1n35	18s21	14s58	3n51	3n34	8n54	6s36	6n37	

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
M 1	23n12	8s38	3n17	20n31	2s20	20n58	1s10	21s37	2s50	22n38	0s25	21s56	1n19	16s 2	0n21	20s16	1n35	18s22	14s58	3n52	3n36	8n53	6s36	6n37	6s38
T 2	23 9	12 0	4 4	20 50	2 8	21 10	1 8	21 38	2 51	22 40	0 25	21 56	1 18	16 1	0 21	20 15	1 35	18 22	14 58	3 54	3 37	8 51	6 37	6 38	6 38
W 3	23 5	14 54	4 38	21 9	1 55	21 21	1 5	21 39	2 52	22 41	0 25	21 55	1 18	16 1	0 21	20 15	1 35	18 23	14 59	3 57	3 38	8 49	6 37	6 38	6 38
T 4	23 0	17 4	4 59	21 28	1 43	21 32	1 3	21 40	2 53	22 42	0 25	21 55	1 18	16 1	0 21	20 15	1 35	18 23	14 59	4 0	3 39	8 48	6 37	6 38	6 38
F 5	22 55	18 18	5 2	21 46	1 30	21 42	1 1	21 41	2 54	22 43	0 25	21 55	1 18	16 0	0 21	20 15	1 35	18 24	14 59	4 4	3 41	8 46	6 38	6 38	6 38
S 6	22 50	18 24	4 47	22 3	1 17	21 52	0 58	21 43	2 55	22 44	0 25	21 55	1 18	16 0	0 21	20 15	1 35	18 24	15 0	4 8	3 42	8 45	6 38	6 39	6 39
S 7	22 44	17 18	4 12	22 19	1 5	22 1	0 56	21 45	2 56	22 45	0 25	21 55	1 18	16 0	0 21	20 15	1 35	18 25	15 0	4 11	3 43	8 43	6 39	6 39	6 39
M 8	22 38	15 1	3 20	22 34	0 52	22 10	0 53	21 47	2 56	22 46	0 25	21 55	1 18	16 0	0 21	20 14	1 35	18 25	15 1	4 14	3 44	8 41	6 39	6 39	6 39
T 9	22 31	11 45	2 15	22 48	0 39	22 17	0 51	21 49	2 57	22 47	0 25	21 55	1 18	16 0	0 21	20 14	1 35	18 26	15 1	4 16	3 46	8 40	6 40	6 39	6 40
W10	22 27	7 46	1 1	23 1	0 27	22 25	0 48	21 51	2 58	22 47	0 25	21 55	1 17	15 59	0 20	20 14	1 35	18 26	15 1	4 17	3 47	8 38	6 40	6 40	6 40
T11	22 17	3 22	0s16	23 11	0 15	22 31	0 46	21 53	2 58	22 48	0 25	21 55	1 17	15 59	0 20	20 14	1 35	18 27	15 2	4 17	3 48	8 36	6 41	6 40	6 40
F12	22 9	1n 8	1 31	23 20	0 3	22 37	0 43	21 56	2 59	22 49	0 25	21 54	1 17	15 59	0 20	20 14	1 35	18 27	15 2	4 17	3 49	8 35	6 41	6 40	6 40
S13	22 1	5 29	2 39	23 26	0n 9	22 43	0 40	21 58	3 0	22 50	0 25	21 54	1 17	15 59	0 20	20 14	1 35	18 28	15 2	4 17	3 51	8 33	6 42	6 40	6 40
S14	21 53	9 27	3 36	23 30	0 20	22 47	0 38	22 1	3 0	22 51	0 24	21 54	1 17	15 59	0 20	20 14	1 35	18 28	15 3	4 17	3 52	8 32	6 42	6 41	6 41
M15	21 44	12 52	4 20	23 32	0 31	22 51	0 35	22 4	3 0	22 52	0 24	21 54	1 17	15 59	0 20	20 14	1 35	18 29	15 3	4 18	3 53	8 30	6 43	6 41	6 41
T16	21 35	15 33	4 50	23 31	0 41	22 55	0 33	22 7	3 1	22 52	0 24	21 54	1 17	15 58	0 20	20 13	1 35	18 29	15 3	4 20	3 54	8 28	6 43	6 41	6 41
W17	21 25	17 24	5 4	23 27	0 50	22 58	0 30	22 10	3 1	22 53	0 24	21 54	1 16	15 58	0 20	20 13	1 35	18 30	15 3	4 23	3 56	8 27	6 44	6 41	6 41
T18	21 15	18 21	5 3	23 21	0 59	23 0	0 27	22 13	3 2	22 54	0 24	21 54	1 16	15 58	0 20	20 13	1 35	18 30	15 4	4 27	3 57	8 25	6 45	6 41	6 41
F19	21 5	18 24	4 47	23 12	1 7	23 1	0 25	22 16	3 2	22 54	0 24	21 54	1 16	15 58	0 20	20 13	1 35	18 31	15 4	4 30	3 58	8 23	6 45	6 42	6 42
S20	20 54	17 33	4 18	23 0	1 15	23 2	0 22	22 20	3 2	22 55	0 24	21 54	1 16	15 58	0 20	20 13	1 35	18 31	15 4	4 34	3 59	8 22	6 46	6 42	6 42
S21	20 43	15 55	3 38	22 46	1 22	23 2	0 19	22 23	3 2	22 56	0 24	21 54	1 16	15 58	0 20	20 13	1 35	18 32	15 5	4 37	4 1	8 20	6 47	6 42	6 42
M22	20 32	13 36	2 48	22 29	1 27	23 2	0 17	22 27	3 3	22 56	0 24	21 54	1 16	15 58	0 20	20 13	1 35	18 32	15 5	4 40	4 2	8 19	6 47	6 42	6 42
T23	20 20	10 44	1 51	22 9	1 32	23 1	0 14	22 31	3 3	22 57	0 24	21 54	1 15	15 58	0 20	20 13	1 35	18 33	15 5	4 42	4 3	8 17	6 48	6 42	6 42
W24	20 8	7 28	0 49	21 47	1 37	22 59	0 11	22 35	3 3	22 58	0 24	21 54	1 15	15 58	0 20	20 13	1 34	18 33	15 6	4 43	4 4	8 15	6 49	6 42	6 42
T25	19 56	3 54	0n14	21 23	1 40	22 56	0 9	22 38	3 3	22 58	0 24	21 54	1 15	15 58	0 20	20 12	1 34	18 34	15 6	4 43	4 6	8 14	6 50	6 42	6 42
F26	19 43	0 11	1 18	20 56	1 43	22 53	0 6	22 43	3 3	22 59	0 24	21 54	1 15	15 58	0 20	20 12	1 34	18 35	15 6	4 42	4 7	8 12	6 50	6 43	6 43
S27	19 30	3s34	2 18	20 28	1 45	22 49	0 3	22 47	3 3	22 59	0 24	21 54	1 15	15 58	0 20	20 12	1 34	18 35	15 6	4 42	4 8	8 10	6 51	6 43	6 43
S28	19 17	7 14	3 13	19 58	1 46	22 45	0 1	22 51	3 3	23 0	0 24	21 54	1 15	15 58	0 20	20 12	1 34	18 36	15 7	4 42	4 9	8 9	6 52	6 43	6 43
M29	19 3	10 40	4 1	19 26	1 47	22 39	0n 2	22 55	3 3	23 0	0 24	21 54	1 14	15 58	0 20	20 12	1 34	18 36	15 7	4 41	4 11	8 7	6 53	6 43	6 43
T30	18 49	13 43	4 38	18 52	1 47	22 34	0 4	22 59	3 3	23 0	0 23	21 54	1 14	15 58	0 20	20 12	1 34	18 37	15 7	4 42	4 12	8 5	6 54	6 43	6 43
W31	18n35	16s 9	5n 3	18n17	1n46	22n27	0n 7	23s 4	3s 3	23n 1	0s23	21s54	1n14	15s59	0n20	20s12	1n34	18s37	15s 8	4n43	4n13	8n 4	6s55	6n43	6n43

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ASTRODIENST EPHEMERIS for the year 1811

geocentric

AUGUST 1811

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	20 34 49	7♏47'21	18♌25	16♏7	18♌34	29♍56	26♏20	20°R31	14♍49	8°R33	17°R58	18°R 0	19♍18	6♍38	24°R48	T 1
F 2	20 38 45	8°44'46	2♌31	18° 4	19°47	0♌18	26°32	20♌29	14°49	8♌32	17♌57	17♍55	19°15	6°45	24♌46	F 2
S 3	20 42 42	9°42'12	17° 1	19°58	21° 0	0°39	26°44	20°27	14°49	8°32	17°56	17°49	19°12	6°51	24°43	S 3
S 4	20 46 38	10°39'38	1♌53	21°51	22°14	1° 2	26°56	20°25	14°50	8°31	17°56	17°44	19° 9	6°58	24°40	S 4
M 5	20 50 35	11°37'06	16°56	23°43	23°27	1°24	27° 8	20°23	14°51	8°31	17°55	17°40	19° 5	7° 4	24°37	M 5
T 6	20 54 31	12°34'34	2♌ 3	25°33	24°40	1°47	27°19	20°21	14°51	8°30	17°54	17°37	19° 2	7°11	24°34	T 6
W 7	20 58 28	13°32'04	17° 3	27°21	25°54	2°11	27°31	20°19	14°52	8°30	17°53	17°D36	18°59	7°18	24°31	W 7
T 8	21 2 25	14°29'35	1♌50	29° 8	27° 7	2°35	27°42	20°17	14°53	8°29	17°52	17°37	18°56	7°24	24°28	T 8
F 9	21 6 21	15°27'07	16°18	0♍53	28°21	3° 0	27°54	20°16	14°53	8°29	17°51	17°38	18°53	7°31	24°25	F 9
S 10	21 10 18	16°24'40	0♌25	2°37	29°34	3°25	28° 5	20°14	14°54	8°28	17°50	17°40	18°50	7°38	24°22	S 10
S 11	21 14 14	17°22'15	14° 8	4°19	0♏48	3°50	28°16	20°13	14°55	8°28	17°49	17°R40	18°46	7°44	24°19	S 11
M12	21 18 11	18°19'52	27°30	6° 0	2° 1	4°16	28°27	20°11	14°56	8°28	17°48	17°40	18°43	7°51	24°16	M12
T 13	21 22 7	19°17'30	10♏32	7°39	3°15	4°43	28°38	20°10	14°57	8°28	17°47	17°38	18°40	7°58	24°13	T 13
W14	21 26 4	20°15'10	23°17	9°16	4°29	5° 9	28°49	20° 9	14°58	8°27	17°46	17°36	18°37	8° 4	24° 9	W14
T 15	21 30 0	21°12'51	5♌46	10°53	5°42	5°37	29° 0	20° 8	14°59	8°27	17°44	17°32	18°34	8°11	24° 6	T 15
F 16	21 33 57	22°10'34	18° 4	12°28	6°56	6° 4	29°11	20° 7	15° 0	8°27	17°43	17°28	18°31	8°18	24° 3	F 16
S 17	21 37 54	23° 8'18	0♏11	14° 1	8°10	6°32	29°22	20° 6	15° 1	8°27	17°42	17°24	18°27	8°24	24° 0	S 17
S 18	21 41 50	24° 6'04	12°10	15°33	9°23	7° 0	29°32	20° 5	15° 3	8°27	17°41	17°20	18°24	8°31	23°57	S 18
M19	21 45 47	25° 3'51	24° 3	17° 3	10°37	7°29	29°43	20° 5	15° 4	8°26	17°40	17°17	18°21	8°38	23°54	M19
T 20	21 49 43	26° 1'39	5♍51	18°32	11°51	7°58	29°53	20° 4	15° 5	8°26	17°39	17°16	18°18	8°44	23°51	T 20
W21	21 53 40	26°59'29	17°38	19°59	13° 5	8°28	0♌ 4	20° 4	15° 7	8°D26	17°38	17°D15	18°15	8°51	23°48	W21
T 22	21 57 36	27°57'20	29°25	21°25	14°19	8°58	0°14	20° 3	15° 8	8°26	17°37	17°16	18°11	8°57	23°45	T 22
F 23	22 1 33	28°55'12	11♌16	22°49	15°33	9°28	0°24	20° 3	15° 9	8°26	17°36	17°17	18° 8	9° 4	23°42	F 23
S 24	22 5 29	29°53'06	23°13	24°12	16°47	9°58	0°34	20° 3	15°11	8°26	17°34	17°18	18° 5	9°11	23°39	S 24
S 25	22 9 26	0♍51'01	5♍21	25°33	18° 1	10°29	0°44	20° 3	15°13	8°27	17°33	17°20	18° 2	9°17	23°36	S 25
M26	22 13 22	1°48'57	17°44	26°53	19°15	11° 1	0°54	20°D 3	15°14	8°27	17°32	17°21	17°59	9°24	23°33	M26
T 27	22 17 19	2°46'55	0♌26	28°11	20°29	11°32	1° 3	20° 3	15°16	8°27	17°31	17°R21	17°56	9°31	23°30	T 27
W28	22 21 16	3°44'54	13°30	29°27	21°43	12° 4	1°13	20° 3	15°18	8°27	17°30	17°21	17°52	9°37	23°27	W28
T 29	22 25 12	4°42'55	27° 0	0♌41	22°57	12°36	1°22	20° 3	15°19	8°27	17°28	17°20	17°49	9°44	23°24	T 29
F 30	22 29 9	5°40'56	10♌57	1°54	24°11	13° 9	1°32	20° 4	15°21	8°28	17°27	17°19	17°46	9°51	23°21	F 30
S 31	22 33 5	6♍39'00	25♌21	3♌ 5	25♏25	13♌41	1♌41	20♌ 4	15♍23	8♌28	17♌26	17♍18	17♍43	9♍57	23♌18	S 31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	18n20	17s48	5n11	17n41	1n45	22n20	0n10	23s 8	3s 3	23n 1	0s23	21s54	1n14	15s59	0n20	20s12	1n34
F 2	18 5	18 25	5 1	17 4	1 43	22 12	0 12	23 13	3 3	23 2	0 23	21 54	1 14	15 59	0 20	20 12	1 34
S 3	17 50	17 53	4 32	16 25	1 40	22 4	0 15	23 17	3 3	23 2	0 23	21 54	1 14	15 59	0 20	20 12	1 34
S 4	17 35	16 7	3 44	15 46	1 37	21 54	0 17	23 22	3 3	23 2	0 23	21 54	1 13	15 59	0 20	20 12	1 34
M 5	17 19	13 14	2 40	15 6	1 34	21 45	0 20	23 26	3 3	23 3	0 23	21 54	1 13	15 59	0 20	20 12	1 34
T 6	17 3	9 27	1 24	14 25	1 30	21 34	0 22	23 31	3 2	23 3	0 23	21 54	1 13	16 0	0 20	20 12	1 34
W 7	16 47	5 4	0 3	13 44	1 25	21 23	0 24	23 36	3 2	23 3	0 23	21 54	1 13	16 0	0 20	20 12	1 34
T 8	16 30	0 27	1s17	13 2	1 20	21 12	0 27	23 40	3 2	23 4	0 23	21 54	1 13	16 0	0 20	20 12	1 34
F 9	16 13	4n 6	2 31	12 20	1 15	20 59	0 29	23 45	3 2	23 4	0 23	21 54	1 13	16 0	0 20	20 12	1 34
S 10	15 56	8 18	3 33	11 38	1 9	20 46	0 32	23 49	3 1	23 4	0 23	21 54	1 12	16 1	0 20	20 12	1 34
S 11	15 39	11 56	4 22	10 55	1 3	20 33	0 34	23 54	3 1	23 4	0 23	21 54	1 12	16 1	0 20	20 12	1 34
M12	15 21	14 50	4 55	10 12	0 57	20 10	0 36	23 59	3 1	23 4	0 23	21 54	1 12	16 1	0 20	20 12	1 33
T 13	15 3	16 54	5 11	9 29	0 50	20 4	0 38	24 3	3 1	23 5	0 23	21 54	1 12	16 1	0 20	20 12	1 33
W14	14 45	18 6	5 12	8 46	0 43	19 49	0 41	24 8	3 0	23 5	0 23	21 54	1 12	16 2	0 20	20 12	1 33
T 15	14 26	18 22	4 58	8 3	0 36	19 33	0 43	24 13	3 0	23 5	0 23	21 54	1 11	16 2	0 20	20 12	1 33
F 16	14 8	17 46	4 31	7 20	0 29	19 17	0 45	24 17	2 59	23 5	0 23	21 54	1 11	16 2	0 20	20 12	1 33
S 17	13 49	16 22	3 51	6 37	0 21	19 0	0 47	24 22	2 59	23 5	0 22	21 55	1 11	16 3	0 19	20 12	1 33
S 18	13 30	14 15	3 2	5 54	0 13	18 42	0 49	24 26	2 59	23 5	0 22	21 55	1 11	16 3	0 19	20 12	1 33
M19	13 11	11 33	2 5	5 12	0 5	18 24	0 51	24 31	2 58	23 5	0 22	21 55	1 11	16 4	0 19	20 12	1 33
T 20	12 51	8 24	1 3	4 30	0s 3	18 6	0 53	24 35	2 58	23 5	0 22	21 55	1 11	16 4	0 19	20 12	1 33
W21	12 32	4 55	0n 2	3 48	0 11	17 47	0 55	24 39	2 57	23 5	0 22	21 55	1 10	16 4	0 19	20 12	1 33
T 22	12 12	1 15	1 7	3 6	0 20	17 27	0 57	24 44	2 57	23 5	0 22	21 55	1 10	16 5	0 19	20 12	1 33
F 23	11 52	2s29	2 9	2 25	0 29	17 7	0 58	24 48	2 56	23 5	0 22	21 55	1 10	16 5	0 19	20 12	1 33
S 24	11 31	6 9	3 6	1 44	0 37	16 47	1 0	24 52	2 56	23 5	0 22	21 56	1 10	16 6	0 19	20 12	1 33
S 25	11 11	9 36	3 56	1 4	0 46	16 26	1 2	24 56	2 55	23 5	0 22	21 56	1 10	16 6	0 19	20 12	1 33
M26	10 50	12 43	4 36	0 24	0 55	16 4	1 3	25 0	2 55	23 5	0 22	21 56	1 9	16 7	0 19	20 12	1 33
T 27	10 30	15 18	5 4	0s15	1 4	15 42	1 5	25 4	2 54	23 5	0 22	21 56	1 9	16 7	0 19	20 13	1 33
W28	10 9	17 12	5 17	0 54	1 13	15 20	1 7	25 8	2 54	23 5	0 22	21 56	1 9	16 8	0 19	20 13	1 33
T 29	9 47	18 13	5 13	1 32	1 22	14 57	1 8	25 11	2 53	23 5	0 22	21 57	1 9	16 8	0 19	20 13	1 33
F 30	9 26	18 11	4 51	2 9	1 31	14 34	1 10	25 15	2 53	23 5	0 22	21 57	1 9	16 9	0 19	20 13	1 32
S 31	9n 5	16s59	4n10	2s46	1s41	14n10	1n11	25s19	2s52	23n 5	0s22	21s57	1n 9	16s 9	0n19	20s13	1n32

Julian Day Number = 2382725.5, Delta T = 15.30 sec
 Ecliptic obliquity = 23°27'40, Nutation = - 0°00'02, out-of-bounds declination in red
 Ayanamsha: Fagan/Bradley = 22°06'34, Lahiri = 21°13'34

ASTRODIENST EPHEMERIS for the year 1811
geocentric

OCTOBER 1811

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	0 35 18	6♂54°10	18♂37	7°R20	3♂58	2♂36	5♂19	21♂6	16♂41	8♂53	16°R49	17°R15	16♂4	13♂23	22°R 0	T 1
W 2	0 39 15	7°53'14	3♂44	6♂11	5°13	3°16	5°23	21°10	16°44	8°54	16♂48	17♂14	16° 1	13°30	21°59	W 2
T 3	0 43 11	8°52'19	18°46	5° 6	6°28	3°56	5°28	21°13	16°47	8°56	16°46	17°13	15°58	13°37	21°57	T 3
F 4	0 47 8	9°51'26	3♂35	4° 4	7°43	4°36	5°32	21°17	16°50	8°57	16°45	17°10	15°55	13°43	21°55	F 4
S 5	0 51 5	10°50'36	18° 3	3° 9	8°58	5°16	5°36	21°21	16°53	8°58	16°44	17° 7	15°52	13°50	21°53	S 5
S 6	0 55 1	11°49'48	2♂6	2°21	10°13	5°57	5°40	21°24	16°57	9° 0	16°43	17° 3	15°48	13°56	21°52	S 6
M 7	0 58 58	12°49'02	15°41	1°43	11°28	6°37	5°43	21°28	17° 0	9° 1	16°42	17° 0	15°45	14° 3	21°50	M 7
T 8	1 2 54	13°48'18	28°49	1°14	12°43	7°18	5°47	21°32	17° 3	9° 3	16°41	16°58	15°42	14°10	21°49	T 8
W 9	1 6 51	14°47'37	11♂33	0°55	13°58	7°58	5°50	21°36	17° 6	9° 4	16°40	16°D57	15°39	14°16	21°47	W 9
T 10	1 10 47	15°46'58	23°55	0°D48	15°13	8°39	5°53	21°40	17°10	9° 6	16°39	16°58	15°36	14°23	21°46	T 10
F 11	1 14 44	16°46'22	6♂1	0°51	16°28	9°20	5°56	21°44	17°13	9° 7	16°38	16°59	15°33	14°30	21°44	F 11
S 12	1 18 40	17°45'48	17°56	1° 5	17°43	10° 1	5°59	21°49	17°16	9° 9	16°37	17° 1	15°29	14°36	21°43	S 12
S 13	1 22 37	18°45'15	29°45	1°30	18°58	10°43	6° 1	21°53	17°20	9°10	16°36	17° 2	15°26	14°43	21°42	S 13
M14	1 26 34	19°44'46	11♂31	2° 4	20°13	11°24	6° 4	21°57	17°23	9°12	16°35	17°R 3	15°23	14°50	21°41	M14
T 15	1 30 30	20°44'18	23°19	2°47	21°28	12° 5	6° 6	22° 2	17°27	9°13	16°34	17° 3	15°20	14°56	21°39	T 15
W16	1 34 27	21°43'53	5♂12	3°38	22°43	12°47	6° 8	22° 6	17°30	9°15	16°33	17° 2	15°17	15° 3	21°38	W16
T 17	1 38 23	22°43'29	17°13	4°37	23°58	13°29	6° 9	22°11	17°33	9°17	16°32	16°58	15°13	15°10	21°37	T 17
F 18	1 42 20	23°43'08	29°22	5°42	25°13	14°11	6°11	22°16	17°37	9°18	16°31	16°53	15°10	15°16	21°36	F 18
S 19	1 46 16	24°42'49	11♂42	6°53	26°28	14°53	6°12	22°20	17°40	9°20	16°30	16°47	15° 7	15°23	21°35	S 19
S 20	1 50 13	25°42'31	24°14	8° 9	27°44	15°35	6°13	22°25	17°44	9°22	16°29	16°40	15° 4	15°29	21°35	S 20
M21	1 54 9	26°42'16	6♂57	9°30	28°59	16°17	6°14	22°30	17°48	9°24	16°28	16°33	15° 1	15°36	21°34	M21
T 22	1 58 6	27°42'02	19°54	10°54	0♂14	16°59	6°15	22°35	17°51	9°25	16°27	16°26	14°58	15°43	21°33	T 22
W23	2 2 3	28°41'51	3♂4	12°21	1°29	17°42	6°16	22°40	17°55	9°27	16°26	16°22	14°54	15°49	21°33	W23
T 24	2 5 59	29°41'41	16°29	13°51	2°44	18°24	6°16	22°45	17°58	9°29	16°26	16°19	14°51	15°56	21°32	T 24
F 25	2 9 56	0♂41'32	0♂8	15°23	3°59	19° 7	6°R16	22°50	18° 2	9°31	16°25	16°D18	14°48	16° 3	21°31	F 25
S 26	2 13 52	1°41'25	14° 5	16°57	5°15	19°49	6°16	22°56	18° 5	9°33	16°24	16°19	14°45	16° 9	21°31	S 26
S 27	2 17 49	2°41'20	28°18	18°32	6°30	20°32	6°16	23° 1	18° 9	9°35	16°23	16°20	14°42	16°16	21°31	S 27
M28	2 21 45	3°41'16	12♂46	20° 8	7°45	21°15	6°15	23° 6	18°13	9°37	16°22	16°R21	14°39	16°23	21°30	M28
T 29	2 25 42	4°41'15	27°25	21°45	9° 0	21°58	6°15	23°12	18°16	9°38	16°22	16°20	14°35	16°29	21°30	T 29
W30	2 29 38	5°41'14	12♂11	23°23	10°15	22°41	6°14	23°17	18°20	9°40	16°21	16°18	14°32	16°36	21°30	W30
T 31	2 33 35	6♂41'16	26♂58	25♂1	11♂30	23♂24	6♂13	23♂23	18♂24	9♂42	16♂20	16♂13	14♂29	16♂43	21°30	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	2s45	4s37 0s 8	5s 5 2s22	0s19 1n22	25s55	2s29 23n 1	0s20 22s 7	1n 3 16s33	0n18 20s18	1n31 19s10	15s13	5n 2 5n30	6n19 7s58	6n34		
W 2	3 8	0n 7 1 30	4 21 2 3	0 49 1 22	25 53	2 28 23 1	0 20 22 7	1 3 16 33	0 18 20 19	1 31 19 11	15 13	5 3 5 31	6 17 7 59	6 34		
T 3	3 31	4 48 2 45	3 37 1 44	1 20 1 21	25 51	2 27 23 1	0 20 22 8	1 3 16 34	0 18 20 19	1 31 19 11	15 13	5 3 5 32	6 15 8 0	6 33		
F 4	3 55	9 8 3 49	2 54 1 24	1 50 1 20	25 49	2 26 23 1	0 20 22 8	1 2 16 35	0 18 20 19	1 31 19 11	15 13	5 4 5 34	6 14 8 1	6 33		
S 5	4 18	12 49 4 35	2 13 1 3	2 20 1 19	25 46	2 25 23 1	0 20 22 8	1 2 16 36	0 18 20 19	1 31 19 12	15 13	5 6 5 35	6 12 8 2	6 32		
S 6	4 41	15 38 5 4	1 35 0 43	2 51 1 19	25 44	2 24 23 0	0 20 22 9	1 2 16 37	0 18 20 20	1 30 19 12	15 12	5 7 5 36	6 10 8 2	6 32		
M 7	5 4	17 29 5 15	1 2 0 23	3 21 1 18	25 41	2 23 23 0	0 20 22 9	1 2 16 38	0 18 20 20	1 30 19 12	15 12	5 8 5 37	6 8 8 3	6 32		
T 8	5 27	18 19 5 8	0 33 0 3	3 51 1 17	25 38	2 22 23 0	0 20 22 10	1 2 16 39	0 18 20 20	1 30 19 13	15 12	5 9 5 39	6 7 8 4	6 31		
W 9	5 50	18 12 4 46	0 8 0n15	4 21 1 16	25 34	2 21 23 0	0 20 22 10	1 2 16 40	0 18 20 21	1 30 19 13	15 12	5 9 5 40	6 5 8 5	6 31		
T 10	6 13	17 12 4 12	0n10	0 32 4 51	1 14 25 31	2 20 23 0	0 20 22 11	1 2 16 41	0 18 20 21	1 30 19 13	15 12	5 9 5 41	6 3 8 6	6 31		
F 11	6 36	15 27 3 27	0 23 0 37	5 21 1 13	25 27	2 19 23 0	0 20 22 11	1 1 16 42	0 18 20 21	1 30 19 14	15 12	5 9 5 42	6 1 8 7	6 30		
S 12	6 59	13 2 2 33	0 31 1 2	5 51 1 12	25 23	2 18 23 0	0 20 22 11	1 1 16 43	0 18 20 21	1 30 19 14	15 12	5 8 5 44	6 0 8 7	6 30		
S 13	7 21	10 7 1 34	0 33 1 14	6 21 1 11	25 19	2 17 23 0	0 20 22 12	1 1 16 44	0 18 20 22	1 30 19 14	15 11	5 7 5 45	5 58 8 8	6 29		
M14	7 44	6 47 0 30	0 29 1 25	6 50 1 9	25 14	2 16 23 0	0 19 22 12	1 1 16 45	0 18 20 22	1 30 19 14	15 11	5 7 5 46	5 56 8 9	6 29		
T 15	8 6	3 11 0n34	0 21 1 35	7 20 1 8	25 9	2 15 23 0	0 19 22 13	1 1 16 46	0 18 20 22	1 30 19 15	15 11	5 7 5 47	5 54 8 10	6 29		
W16	8 29	0s35 1 38	0 8 1 43	7 49 1 6	25 4	2 14 23 0	0 19 22 13	1 1 16 47	0 18 20 22	1 30 19 15	15 11	5 8 5 48	5 53 8 10	6 28		
T 17	8 51	4 21 2 37	0s 9 1 50	8 18 1 5	24 59	2 13 23 0	0 19 22 13	1 0 16 48	0 18 20 23	1 30 19 15	15 11	5 9 5 50	5 51 8 11	6 28		
F 18	9 13	7 59 3 30	0 30 1 55	8 47 1 3	24 54	2 12 23 0	0 19 22 14	1 0 16 49	0 18 20 23	1 30 19 15	15 10	5 11 5 51	5 49 8 12	6 27		
S 19	9 35	11 19 4 14	0 55 1 59	9 16 1 2	24 48	2 11 23 0	0 19 22 14	1 0 16 50	0 18 20 23	1 30 19 15	15 10	5 13 5 52	5 47 8 12	6 27		
S 20	9 57	14 13 4 47	1 22 2 2	9 44 1 0	24 42	2 10 23 0	0 19 22 15	1 0 16 51	0 18 20 24	1 30 19 16	15 10	5 16 5 53	5 46 8 13	6 26		
M21	10 18	16 28 5 6	1 52 2 4	10 13 0 58	24 36	2 9 23 0	0 19 22 15	1 0 16 52	0 18 20 24	1 30 19 16	15 10	5 19 5 55	5 44 8 14	6 26		
T 22	10 40	17 56 5 9	2 25 2 4	10 41 0 57	24 30	2 8 23 0	0 19 22 16	1 0 16 53	0 18 20 24	1 30 19 16	15 10	5 21 5 56	5 42 8 14	6 26		
W23	11 1	18 29 4 57	2 59 2 4	11 9 0 55	24 24	2 7 23 0	0 19 22 16	1 0 16 54	0 18 20 25	1 30 19 16	15 9	5 23 5 57	5 40 8 15	6 25		
T 24	11 22	18 0 4 28	3 35 2 3	11 36 0 53	24 17	2 6 23 0	0 19 22 16	0 59 16 55	0 18 20 25	1 30 19 16	15 9	5 24 5 58	5 39 8 16	6 25		
F 25	11 44	16 29 3 44	4 12 2 1	12 3 0 51	24 10	2 5 23 0	0 19 22 17	0 59 16 56	0 18 20 25	1 30 19 16	15 9	5 25 5 59	5 37 8 16	6 24		
S 26	12 4	13 58 2 46	4 50 1 59	12 31 0 49	24 3	2 4 23 0	0 19 22 17	0 59 16 57	0 18 20 26	1 30 19 16	15 9	5 24 6 1	5 35 8 17	6 24		
S 27	12 25	10 34 1 36	5 29 1 56	12 57 0 47	23 55	2 3 23 0	0 19 22 18	0 59 16 58	0 18 20 26	1 30 19 16	15 9	5 24 6 2	5 33 8 17	6 23		
M28	12 45	6 29 0 19	6 9 1 52	13 24 0 45	23 47	2 2 23 0	0 19 22 18	0 59 16 59	0 18 20 26	1 30 19 17	15 8	5 24 6 3	5 31 8 18	6 23		
T 29	13 6	1 56 0s59	6 49 1 48	13 50 0 43	23 39	2 1 23 0	0 18 22 19	0 59 17 0	0 18 20 26	1 30 19 17	15 8	5 24 6 4	5 30 8 18	6 23		
W30	13 26	2n45 2 15	7 29 1 44	14 15 0 41	23 31	2 0 23 0	0 18 22 19	0 59 17 1	0 18 20 27	1 30 19 17	15 8	5 25 6 6	5 28 8 19	6 22		
T 31	13s46	7n16 3s21	8s 9 1n39	14s41 0n39	23s23	1s59 23n 1	0s18 22s19	0n58 17s 2	0n18 20s27	1n29 19s17	15s 8	5n27 6n 7	5n26 8s19	6n22		

Julian Day Number = 2382786.5, Delta T = 15.33 sec
Ecliptic obliquity = 23°27'41", Nutation = - 0°00'05", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°06'42, Lahiri = 21°13'43

ASTRODIENST EPHEMERIS for the year 1811
geocentric

NOVEMBER 1811

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	2 37 31	7♐41'19	11♊37	26♊39	12♐46	24♊7	6°R12	23♊28	18♐27	9♊44	16°R19	16°R 6	14♐26	16♐49	21°R30	F 1
S 2	2 41 28	8°41'24	26° 2	28°18	14° 1	24°50	6♊10	23°34	18°31	9°46	16♊19	15♐57	14°23	16°56	21°D30	S 2
S 3	2 45 25	9°41'32	10♐5	29°56	15°16	25°34	6° 9	23°40	18°35	9°48	16°18	15°48	14°19	17° 2	21°30	S 3
M 4	2 49 21	10°41'41	23°43	1♐35	16°31	26°17	6° 7	23°45	18°38	9°50	16°17	15°40	14°16	17° 9	21°30	M 4
T 5	2 53 18	11°41'52	6♊55	3°13	17°46	27° 1	6° 5	23°51	18°42	9°52	16°17	15°33	14°13	17°16	21°30	T 5
W 6	2 57 14	12°42'05	19°42	4°52	19° 2	27°44	6° 2	23°57	18°46	9°54	16°16	15°28	14°10	17°22	21°30	W 6
T 7	3 1 11	13°42'21	2♊8	6°30	20°17	28°28	6° 0	24° 3	18°50	9°56	16°16	15°25	14° 7	17°29	21°30	T 7
F 8	3 5 7	14°42'38	14°15	8° 8	21°32	29°11	5°57	24° 9	18°53	9°59	16°15	15°D24	14° 4	17°36	21°31	F 8
S 9	3 9 4	15°42'57	26°10	9°45	22°47	29°55	5°55	24°15	18°57	10° 1	16°15	15°25	14° 0	17°42	21°31	S 9
S 10	3 13 1	16°43'18	7♐59	11°23	24° 3	0♊39	5°52	24°21	19° 1	10° 3	16°14	15°26	13°57	17°49	21°32	S 10
M 11	3 16 57	17°43'41	19°45	13° 0	25°18	1°23	5°48	24°27	19° 4	10° 5	16°14	15°R26	13°54	17°56	21°32	M 11
T 12	3 20 54	18°44'06	1♊36	14°37	26°33	2° 7	5°45	24°33	19° 8	10° 7	16°13	15°24	13°51	18° 2	21°33	T 12
W 13	3 24 50	19°44'33	13°34	16°13	27°48	2°51	5°41	24°39	19°12	10° 9	16°13	15°20	13°48	18° 9	21°34	W 13
T 14	3 28 47	20°45'02	25°43	17°50	29° 4	3°35	5°37	24°46	19°16	10°11	16°12	15°14	13°44	18°16	21°34	T 14
F 15	3 32 43	21°45'32	8♐5	19°26	0♊19	4°19	5°33	24°52	19°19	10°13	16°12	15° 5	13°41	18°22	21°35	F 15
S 16	3 36 40	22°46'04	20°42	21° 1	1°34	5° 3	5°29	24°58	19°23	10°16	16°11	14°53	13°38	18°29	21°36	S 16
S 17	3 40 36	23°46'38	3♊34	22°37	2°49	5°47	5°25	25° 5	19°27	10°18	16°11	14°41	13°35	18°36	21°37	S 17
M 18	3 44 33	24°47'13	16°40	24°12	4° 5	6°31	5°20	25°11	19°31	10°20	16°11	14°28	13°32	18°42	21°38	M 18
T 19	3 48 29	25°47'50	29°58	25°47	5°20	7°16	5°16	25°18	19°34	10°22	16°11	14°17	13°29	18°49	21°39	T 19
W 20	3 52 26	26°48'28	13♊26	27°22	6°35	8° 0	5°11	25°24	19°38	10°24	16°10	14° 8	13°25	18°55	21°40	W 20
T 21	3 56 23	27°49'07	27° 5	28°57	7°50	8°45	5° 6	25°31	19°42	10°27	16°10	14° 2	13°22	19° 2	21°41	T 21
F 22	4 0 19	28°49'47	10♊51	0♊31	9° 6	9°29	5° 1	25°37	19°45	10°29	16°10	13°58	13°19	19° 9	21°43	F 22
S 23	4 4 16	29°50'29	24°46	2° 6	10°21	10°13	4°55	25°44	19°49	10°31	16°10	13°D57	13°16	19°15	21°44	S 23
S 24	4 8 12	0♊51'11	8♊48	3°40	11°36	10°58	4°50	25°50	19°53	10°33	16° 9	13°R57	13°13	19°22	21°45	S 24
M 25	4 12 9	1°51'55	22°58	5°14	12°51	11°43	4°44	25°57	19°57	10°36	16° 9	13°57	13°10	19°29	21°47	M 25
T 26	4 16 5	2°52'39	7°Y14	6°48	14° 7	12°27	4°38	26° 4	20° 0	10°38	16° 9	13°56	13° 6	19°35	21°48	T 26
W 27	4 20 2	3°53'24	21°34	8°22	15°22	13°12	4°32	26°10	20° 4	10°40	16° 9	13°51	13° 3	19°42	21°50	W 27
T 28	4 23 58	4°54'11	5♊54	9°55	16°37	13°56	4°26	26°17	20° 7	10°42	16° 9	13°44	13° 0	19°49	21°51	T 28
F 29	4 27 55	5°54'58	20°10	11°29	17°52	14°41	4°20	26°24	20°11	10°45	16° 9	13°34	12°57	19°55	21°53	F 29
S 30	4 31 52	6♊55'47	4♐15	13♊3	19♊8	15°26	4♊13	26♊31	20♐15	10♊47	16♊9	13♐22	12♐54	20♐2	21°55	S 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	lat
F 1	14s 5	11n19	4s13	8s50	1n34	15s 6	0n37	23s14	1s58	23n 1	0s18	22s20	0n58	17s 3	0n18	20s27
S 2	14 25	14 36	4 48	9 30	1 28	15 30	0 35	23 6	1 57	23 1	0 18	22 20	0 58	17 4	0 18	20 28
S 3	14 44	16 57	5 5	10 10	1 23	15 55	0 33	22 57	1 56	23 1	0 18	22 21	0 58	17 5	0 18	20 28
M 4	15 3	18 16	5 3	10 50	1 17	16 18	0 30	22 47	1 55	23 1	0 18	22 21	0 58	17 6	0 18	20 28
T 5	15 21	18 32	4 46	11 30	1 10	16 42	0 28	22 38	1 53	23 1	0 18	22 21	0 58	17 7	0 18	20 29
W 6	15 40	17 50	4 14	12 9	1 4	17 5	0 26	22 28	1 52	23 2	0 18	22 22	0 58	17 8	0 18	20 29
T 7	15 58	16 17	3 31	12 47	0 58	17 27	0 24	22 18	1 51	23 2	0 18	22 22	0 58	17 9	0 18	20 29
F 8	16 16	14 2	2 39	13 25	0 51	17 49	0 21	22 8	1 50	23 2	0 18	22 23	0 57	17 10	0 18	20 30
S 9	16 34	11 13	1 41	14 3	0 45	18 11	0 19	21 58	1 49	23 2	0 18	22 23	0 57	17 11	0 18	20 30
S 10	16 51	7 58	0 40	14 39	0 38	18 32	0 17	21 47	1 48	23 2	0 18	22 23	0 57	17 12	0 18	20 30
M 11	17 8	4 25	0n23	15 16	0 31	18 53	0 14	21 37	1 47	23 3	0 17	22 24	0 57	17 13	0 18	20 31
T 12	17 25	0 40	1 25	15 51	0 24	19 13	0 12	21 26	1 46	23 3	0 17	22 24	0 57	17 14	0 18	20 31
W 13	17 41	3s 8	2 24	16 25	0 18	19 32	0 9	21 14	1 45	23 3	0 17	22 24	0 57	17 15	0 18	20 31
T 14	17 57	6 53	3 17	16 59	0 11	19 51	0 7	21 3	1 44	23 3	0 17	22 25	0 57	17 16	0 18	20 32
F 15	18 13	10 24	4 2	17 32	0 4	20 10	0 5	20 51	1 43	23 4	0 17	22 25	0 57	17 17	0 18	20 32
S 16	18 29	13 30	4 36	18 4	0s 3	20 28	0 2	20 40	1 41	23 4	0 17	22 25	0 57	17 18	0 18	20 32
S 17	18 44	16 2	4 56	18 36	0 9	20 45	0s 0	20 28	1 40	23 4	0 17	22 26	0 56	17 19	0 18	20 33
M 18	18 59	17 47	5 2	19 6	0 16	21 2	0 3	20 16	1 39	23 4	0 17	22 26	0 56	17 20	0 18	20 33
T 19	19 13	18 37	4 51	19 35	0 23	21 18	0 5	20 3	1 38	23 5	0 17	22 26	0 56	17 21	0 18	20 33
W 20	19 28	18 24	4 24	20 4	0 29	21 33	0 8	19 51	1 37	23 5	0 17	22 27	0 56	17 22	0 18	20 34
T 21	19 42	17 8	3 42	20 31	0 36	21 48	0 10	19 38	1 36	23 5	0 16	22 27	0 56	17 23	0 18	20 34
F 22	19 55	14 52	2 46	20 58	0 42	22 2	0 12	19 25	1 35	23 6	0 16	22 27	0 56	17 24	0 18	20 34
S 23	20 8	11 43	1 40	21 23	0 48	22 16	0 15	19 12	1 34	23 6	0 16	22 28	0 56	17 25	0 18	20 35
S 24	20 21	7 51	0 27	21 47	0 54	22 29	0 17	18 59	1 33	23 6	0 16	22 28	0 56	17 26	0 18	20 35
M 25	20 33	3 31	0s48	22 11	1 0	22 41	0 20	18 45	1 31	23 7	0 16	22 28	0 56	17 27	0 18	20 35
T 26	20 45	1n 2	2 0	22 33	1 6	22 53	0 22	18 32	1 30	23 7	0 16	22 29	0 55	17 28	0 18	20 36
W 27	20 57	5 33	3 5	22 54	1 12	23 4	0 25	18 18	1 29	23 7	0 16	22 29	0 55	17 29	0 18	20 36
T 28	21 8	9 45	3 58	23 14	1 17	23 14	0 27	18 4	1 28	23 7	0 16	22 29	0 55	17 30	0 18	20 36
F 29	21 19	13 22	4 36	23 33	1 23	23 24	0 29	17 50	1 27	23 8	0 16	22 30	0 55	17 31	0 18	20 37
S 30	21s29	16n 9	4s57	23s50	1s28	23s33	0s32	17s35	1s26	23n 8	0s16	22s30	0n55	17s32	0n18	20s37

Julian Day Number = 2382817.5, Delta T = 15.34 sec
Ecliptic obliquity = 23°27'41, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°06'47, Lahiri = 21°13'47

ASTRODIENST EPHEMERIS for the year 1811
geocentric

DECEMBER 1811

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 35 48	7♂56'37	18II 5	14♂36	20♂23	16♂11	4♂R 7	26♂38	20♂18	10♂49	16♂D 9	13♂R 9	12♂50	20♂9	21♂56	S 1
M 2	4 39 45	8♂57'28	1♂35	16♂10	21♂38	16♂55	4♂0	26♂44	20♂22	10♂51	16♂H 9	12♂57	12♂47	20♂15	21♂58	M 2
T 3	4 43 41	9♂58'20	14♂44	17♂43	22♂53	17♂40	3♂53	26♂51	20♂26	10♂54	16♂9	12♂46	12♂44	20♂22	22♂0	T 3
W 4	4 47 38	10♂59'14	27♂30	19♂16	24♂8	18♂25	3♂46	26♂58	20♂29	10♂56	16♂9	12♂37	12♂41	20♂28	22♂2	W 4
T 5	4 51 34	12♂0'09	9♂56	20♂50	25♂24	19♂10	3♂39	27♂5	20♂33	10♂58	16♂9	12♂32	12♂38	20♂35	22♂4	T 5
F 6	4 55 31	13♂1'05	22♂5	22♂23	26♂39	19♂55	3♂32	27♂12	20♂36	11♂0	16♂9	12♂29	12♂35	20♂42	22♂6	F 6
S 7	4 59 28	14♂2'02	4♂1	23♂56	27♂54	20♂39	3♂25	27♂19	20♂40	11♂3	16♂9	12♂28	12♂31	20♂48	22♂8	S 7
S 8	5 3 24	15♂3'00	15♂50	25♂30	29♂9	21♂24	3♂18	27♂26	20♂43	11♂5	16♂9	12♂27	12♂28	20♂55	22♂11	S 8
M 9	5 7 21	16♂4'00	27♂37	27♂3	0♂25	22♂9	3♂10	27♂33	20♂47	11♂7	16♂10	12♂27	12♂25	21♂2	22♂13	M 9
T 10	5 11 17	17♂5'00	9♂29	28♂36	1♂40	22♂54	3♂3	27♂40	20♂50	11♂9	16♂10	12♂25	12♂22	21♂8	22♂15	T 10
W 11	5 15 14	18♂6'02	21♂30	0♂39	2♂55	23♂39	2♂55	27♂47	20♂54	11♂12	16♂10	12♂22	12♂19	21♂15	22♂17	W 11
T 12	5 19 10	19♂7'05	3♂14	1♂42	4♂10	24♂24	2♂47	27♂54	20♂57	11♂14	16♂10	12♂15	12♂16	21♂22	22♂20	T 12
F 13	5 23 7	20♂8'08	16♂16	3♂15	5♂25	25♂9	2♂40	28♂1	21♂0	11♂16	16♂11	12♂5	12♂12	21♂28	22♂22	F 13
S 14	5 27 3	21♂9'13	29♂6	4♂47	6♂41	25♂54	2♂32	28♂8	21♂4	11♂18	16♂11	11♂54	12♂9	21♂35	22♂25	S 14
S 15	5 31 0	22♂10'18	12♂17	6♂20	7♂56	26♂39	2♂24	28♂15	21♂7	11♂21	16♂11	11♂41	12♂6	21♂42	22♂27	S 15
M 16	5 34 57	23♂11'25	25♂45	7♂52	9♂11	27♂24	2♂16	28♂22	21♂10	11♂23	16♂12	11♂27	12♂3	21♂48	22♂30	M 16
T 17	5 38 53	24♂12'31	9♂29	9♂23	10♂26	28♂9	2♂8	28♂29	21♂14	11♂25	16♂12	11♂15	12♂0	21♂55	22♂33	T 17
W 18	5 42 50	25♂13'39	23♂24	10♂54	11♂41	28♂54	2♂0	28♂36	21♂17	11♂27	16♂12	11♂6	11♂56	22♂2	22♂35	W 18
T 19	5 46 46	26♂14'46	7♂26	12♂24	12♂57	29♂39	1♂52	28♂43	21♂20	11♂30	16♂13	10♂59	11♂53	22♂8	22♂38	T 19
F 20	5 50 43	27♂15'54	21♂33	13♂53	14♂12	0♂H 24	1♂44	28♂50	21♂23	11♂32	16♂13	10♂55	11♂50	22♂15	22♂41	F 20
S 21	5 54 39	28♂17'02	5♂40	15♂22	15♂27	1♂9	1♂36	28♂58	21♂27	11♂34	16♂14	10♂D 54	11♂47	22♂21	22♂44	S 21
S 22	5 58 36	29♂18'11	19♂47	16♂49	16♂42	1♂54	1♂27	29♂5	21♂30	11♂36	16♂14	10♂54	11♂44	22♂28	22♂46	S 22
M 23	6 2 32	0♂H 19'19	3♂H 52	18♂14	17♂57	2♂39	1♂19	29♂12	21♂33	11♂38	16♂15	10♂R 54	11♂41	22♂35	22♂49	M 23
T 24	6 6 29	1♂20'27	17♂55	19♂38	19♂12	3♂24	1♂11	29♂19	21♂36	11♂40	16♂15	10♂53	11♂37	22♂41	22♂52	T 24
W 25	6 10 26	2♂21'35	1♂54	20♂59	20♂27	4♂9	1♂3	29♂26	21♂39	11♂43	16♂16	10♂49	11♂34	22♂48	22♂55	W 25
T 26	6 14 22	3♂22'44	15♂48	22♂18	21♂43	4♂54	0♂55	29♂33	21♂42	11♂45	16♂16	10♂43	11♂31	22♂55	22♂58	T 26
F 27	6 18 19	4♂23'52	29♂36	23♂34	22♂58	5♂39	0♂47	29♂40	21♂45	11♂47	16♂17	10♂35	11♂28	23♂1	23♂2	F 27
S 28	6 22 15	5♂25'01	13♂II 14	24♂46	24♂13	6♂24	0♂39	29♂47	21♂48	11♂49	16♂18	10♂24	11♂25	23♂8	23♂5	S 28
S 29	6 26 12	6♂26'09	26♂40	25♂55	25♂28	7♂9	0♂30	29♂54	21♂51	11♂51	16♂18	10♂12	11♂22	23♂15	23♂8	S 29
M 30	6 30 8	7♂27'18	9♂51	26♂58	26♂43	7♂54	0♂22	0♂H 1	21♂54	11♂53	16♂19	10♂1	11♂18	23♂21	23♂11	M 30
T 31	6 34 5	8♂28'27	22♂46	27♂56	27♂58	8♂H 39	0♂54	0♂H 8	21♂57	11♂55	16♂H 20	9♂H 51	11♂H 15	23♂H 28	23♂H 14	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
S 1	21s39	17n57	4s59	24s 7	1s33	23s41	0s34	17s21	1s25	23n 8	0s15	22s30	0n55	17s33	0n18	20s37
M 2	21 49	18 42	4 45	24 22	1 38	23 48	0 36	17 6	1 24	23 9	0 15	22 30	0 55	17 34	0 18	20 38
T 3	21 58	18 25	4 16	24 35	1 42	23 55	0 39	16 52	1 23	23 9	0 15	22 31	0 55	17 35	0 18	20 38
W 4	22 7	17 11	3 34	24 48	1 47	24 1	0 41	16 37	1 21	23 9	0 15	22 31	0 55	17 36	0 18	20 38
T 5	22 15	15 9	2 43	24 59	1 51	24 6	0 43	16 22	1 20	23 10	0 15	22 31	0 55	17 37	0 18	20 39
F 6	22 23	12 30	1 46	25 9	1 55	24 10	0 45	16 7	1 19	23 10	0 15	22 31	0 55	17 38	0 18	20 39
S 7	22 30	9 21	0 45	25 17	1 58	24 14	0 48	15 51	1 18	23 10	0 15	22 32	0 54	17 39	0 18	20 39
S 8	22 37	5 52	0n18	25 24	2 1	24 17	0 50	15 36	1 17	23 11	0 15	22 32	0 54	17 40	0 18	20 40
M 9	22 44	2 10	1 20	25 30	2 4	24 20	0 52	15 20	1 16	23 11	0 14	22 32	0 54	17 41	0 18	20 40
T 10	22 50	1s39	2 18	25 34	2 7	24 21	0 54	15 4	1 15	23 11	0 14	22 32	0 54	17 42	0 18	20 40
W 11	22 56	5 26	3 11	25 37	2 9	24 22	0 56	14 48	1 14	23 12	0 14	22 32	0 54	17 43	0 18	20 40
T 12	23 1	9 4	3 56	25 38	2 11	24 22	0 58	14 32	1 13	23 12	0 14	22 33	0 54	17 44	0 18	20 41
F 13	23 6	12 23	4 31	25 38	2 13	24 21	1 0	14 16	1 11	23 12	0 14	22 33	0 54	17 44	0 18	20 41
S 14	23 10	15 12	4 53	25 37	2 14	24 20	1 2	14 0	1 10	23 12	0 14	22 33	0 54	17 45	0 18	20 41
S 15	23 14	17 19	5 1	25 33	2 15	24 17	1 4	13 44	1 9	23 13	0 14	22 33	0 54	17 46	0 18	20 42
M 16	23 17	18 32	4 52	25 29	2 15	24 14	1 6	13 27	1 8	23 13	0 14	22 33	0 54	17 47	0 18	20 42
T 17	23 20	18 42	4 26	25 22	2 15	24 11	1 8	13 11	1 7	23 13	0 13	22 33	0 54	17 48	0 18	20 42
W 18	23 22	17 46	3 44	25 15	2 14	24 6	1 10	12 54	1 6	23 14	0 13	22 34	0 54	17 49	0 18	20 43
T 19	23 24	15 44	2 47	25 5	2 13	24 1	1 11	12 37	1 5	23 14	0 13	22 34	0 54	17 50	0 18	20 43
F 20	23 26	12 45	1 41	24 55	2 11	23 55	1 13	12 20	1 4	23 14	0 13	22 34	0 53	17 50	0 18	20 43
S 21	23 27	9 1	0 28	24 42	2 9	23 48	1 15	12 3	1 3	23 14	0 13	22 34	0 53	17 51	0 18	20 43
S 22	23 28	4 46	0s47	24 29	2 5	23 41	1 16	11 46	1 2	23 15	0 13	22 34	0 53	17 52	0 18	20 44
M 23	23 28	0 17	1 59	24 13	2 2	23 32	1 18	11 29	1 1	23 15	0 13	22 34	0 53	17 53	0 18	20 44
T 24	23 27	4n12	3 3	23 57	1 57	23 24	1 19	11 11	0 59	23 15	0 12	22 34	0 53	17 54	0 18	20 44
W 25	23 26	8 27	3 56	23 39	1 51	23 14	1 21	10 54	0 58	23 15	0 12	22 34	0 53	17 55	0 18	20 45
T 26	23 25	12 11	4 35	23 20	1 45	23 4	1 22	10 37	0 57	23 15	0 12	22 35	0 53	17 55	0 18	20 45
F 27	23 23	15 14	4 58	23 1	1 38	22 53	1 23	10 19	0 56	23 16	0 12	22 35	0 53	17 56	0 18	20 45
S 28	23 21	17 24	5 3	22 40	1 30	22 41	1 25	10 1	0 55	23 16	0 12	22 35	0 53	17 57	0 18	20 45
S 29	23 18	18 34	4 51	22 18	1 20	22 29	1 26	9 44	0 54	23 16	0 12	22 35	0 53	17 58	0 18	20 46
M 30	23 15	18 43	4 24	21 56	1 10	22 15	1 27	9 26	0 53	23 16	0 12	22 35	0 53	17 58	0 18	20 46
T 31	23s11	17n52	3s43	21s33	0s59	22s 2	1s28	9s 8	0s52	23n16	0s11	22s35	0n53	17s59	0n18	20s46

Julian Day Number = 2382847.5, Delta T = 15.36 sec
Ecliptic obliquity = 23°27'40, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°06'51, Lahiri = 21°13'51