Astrodienst Ephemeris Tables

for the year 1813

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 AG, Dammstr. 23, CH-8702 Zollikon / Zürich, www.astro.com / order@astro.com

ASTRODIENST EPHEMERIS for the year 1813
geocentric

JANUARY 1813 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 41 0	10♑16'03	20♐15	3°R51	5♐17	13♏57	6°R59	10♑20	26♏21	14♐ 5	17♓32	20°R20	21♌49	4♏20	27♒46	F 1
S 2	6 44 57	11°17'14	2♑47	2♑41	6°31	14°35	6♌52	10°27	26°24	14° 7	17°33	20♌12	21°46	4°27	27°49	S 2
S 3	6 48 54	12°18'26	15°32	1°39	7°45	15°12	6°46	10°35	26°27	14° 9	17°33	20° 7	21°43	4°33	27°52	S 3
M 4	6 52 50	13°19'37	28°30	0°46	8°58	15°50	6°39	10°42	26°30	14°11	17°34	20° 3	21°40	4°40	27°56	M 4
T 5	6 56 47	14°20'48	11♒40	0° 2	10°12	16°28	6°32	10°49	26°32	14°13	17°35	20° 1	21°36	4°47	27°59	T 5
W 6	7 0 43	15°21'59	25° 1	29♐29	11°26	17° 5	6°25	10°56	26°35	14°15	17°36	20°D 0	21°33	4°54	28° 2	W 6
T 7	7 4 40	16°23'10	8♓33	29° 5	12°40	17°43	6°18	11° 3	26°38	14°17	17°37	20° 1	21°30	5° 0	28° 5	T 7
F 8	7 8 36	17°24'19	22°16	28°51	13°53	18°21	6°11	11°10	26°41	14°19	17°38	20° 3	21°27	5° 7	28° 9	F 8
S 9	7 12 33	18°25'29	6♈10	28°D47	15° 7	18°58	6° 3	11°17	26°43	14°21	17°39	20° 4	21°24	5°14	28°12	S 9
S 10	7 16 29	19°26'37	20°13	28°51	16°21	19°36	5°56	11°24	26°46	14°23	17°39	20°R 5	21°20	5°20	28°15	S 10
M11	7 20 26	20°27'45	4♉25	29° 3	17°35	20°13	5°49	11°31	26°48	14°25	17°40	20° 4	21°17	5°27	28°19	M11
T 12	7 24 23	21°28'53	18°43	29°23	18°49	20°51	5°41	11°38	26°51	14°27	17°41	20° 2	21°14	5°34	28°22	T 12
W13	7 28 19	22°29'59	3♊ 5	29°49	20° 3	21°29	5°33	11°45	26°53	14°29	17°42	19°59	21°11	5°41	28°26	W13
T 14	7 32 16	23°31'05	17°27	0♑22	21°17	22° 6	5°26	11°52	26°56	14°31	17°43	19°55	21° 8	5°47	28°29	T 14
F 15	7 36 12	24°32'10	1♋43	0°59	22°31	22°44	5°18	11°59	26°58	14°33	17°44	19°51	21° 5	5°54	28°33	F 15
S 16	7 40 9	25°33'15	15°48	1°42	23°45	23°21	5°10	12° 6	27° 1	14°34	17°45	19°47	21° 1	6° 1	28°36	S 16
S 17	7 44 5	26°34'19	29°37	2°30	24°59	23°59	5° 2	12°13	27° 3	14°36	17°46	19°45	20°58	6° 7	28°40	S 17
M18	7 48 2	27°35'22	13♌ 8	3°21	26°13	24°36	4°54	12°20	27° 5	14°38	17°47	19°44	20°55	6°14	28°44	M18
T 19	7 51 58	28°36'25	26°19	4°16	27°27	25°13	4°47	12°27	27° 8	14°40	17°49	19°D44	20°52	6°21	28°47	T 19
W20	7 55 55	29°37'27	9♍10	5°14	28°41	25°51	4°39	12°34	27°10	14°42	17°50	19°45	20°49	6°28	28°51	W20
T 21	7 59 52	0♒38'28	21°41	6°16	29°55	26°28	4°31	12°41	27°12	14°43	17°51	19°46	20°46	6°34	28°55	T 21
F 22	8 3 48	1°39'29	3♎56	7°20	1♑ 9	27° 6	4°23	12°48	27°14	14°45	17°52	19°48	20°42	6°41	28°58	F 22
S 23	8 7 45	2°40'30	16° 0	8°26	2°24	27°43	4°15	12°54	27°16	14°47	17°53	19°49	20°39	6°48	29° 2	S 23
S 24	8 11 41	3°41'29	27°55	9°35	3°38	28°20	4° 6	13° 1	27°18	14°48	17°54	19°50	20°36	6°54	29° 6	S 24
M25	8 15 38	4°42'28	9♏47	10°45	4°52	28°58	3°58	13° 8	27°20	14°50	17°55	19°R50	20°33	7° 1	29°10	M25
T 26	8 19 34	5°43'27	21°41	11°58	6° 6	29°35	3°50	13°15	27°22	14°51	17°57	19°49	20°30	7° 8	29°14	T 26
W27	8 23 31	6°44'25	3♐41	13°12	7°20	0♐12	3°42	13°21	27°24	14°53	17°58	19°48	20°26	7°15	29°17	W27
T 28	8 27 27	7°45'22	15°52	14°28	8°35	0°50	3°34	13°28	27°26	14°55	17°59	19°46	20°23	7°21	29°21	T 28
F 29	8 31 24	8°46'19	28°16	15°45	9°49	1°27	3°26	13°35	27°28	14°56	18° 0	19°45	20°20	7°28	29°25	F 29
S 30	8 35 21	9°47'14	10♑57	17° 4	11° 3	2° 4	3°18	13°41	27°29	14°58	18° 2	19°43	20°17	7°35	29°29	S 30
S 31	8 39 17	10♒48'09	23♑56	18♑24	12♑18	2♐41	3♌11	13♑48	27♏31	14♐59	18♓ 3	19♌42	20♌14	7♏41	29♒33	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
F 1	23s 4	18s39	4n28	20s21	3n 3	19s31	1n43	15s12	0n52	19n10	0n38	22s36	0n28	19s 7	0n14	21s 4	1n27	18s40	14s59	14n43	14n15	8s21	6s54	5n42
S 2	22 59	19 38	3 48	20 16	3 10	19 46	1 40	15 24	0 52	19 11	0 38	22 35	0 28	19 8	0 14	21 5	1 27	18 40	14 58	14 46	14 16	8 23	6 53	5 42
S 3	22 53	19 38	2 56	20 13	3 14	20 0	1 38	15 35	0 51	19 13	0 38	22 35	0 28	19 9	0 14	21 5	1 27	18 39	14 58	14 48	14 17	8 25	6 52	5 42
M 4	22 48	18 37	1 54	20 11	3 16	20 14	1 36	15 47	0 51	19 15	0 39	22 34	0 28	19 9	0 14	21 5	1 27	18 39	14 58	14 49	14 18	8 27	6 51	5 42
T 5	22 41	16 35	0 45	20 12	3 16	20 27	1 34	15 58	0 51	19 17	0 39	22 34	0 27	19 10	0 14	21 5	1 27	18 38	14 58	14 49	14 19	8 29	6 51	5 41
W 6	22 35	13 37	0s27	20 14	3 14	20 40	1 32	16 9	0 50	19 19	0 39	22 33	0 27	19 11	0 14	21 6	1 27	18 37	14 57	14 50	14 20	8 31	6 50	5 41
T 7	22 27	9 54	1 40	20 17	3 10	20 52	1 29	16 20	0 50	19 21	0 39	22 33	0 27	19 11	0 14	21 6	1 27	18 37	14 57	14 49	14 21	8 33	6 49	5 41
F 8	22 20	5 38	2 47	20 22	3 5	21 3	1 27	16 31	0 49	19 23	0 39	22 32	0 27	19 12	0 14	21 6	1 27	18 36	14 57	14 49	14 22	8 35	6 48	5 40
S 9	22 12	1 0	3 46	20 28	2 59	21 14	1 24	16 42	0 49	19 25	0 40	22 32	0 27	19 12	0 14	21 6	1 27	18 36	14 56	14 48	14 23	8 37	6 47	5 40
S 10	22 3	3n43	4 32	20 35	2 52	21 24	1 22	16 52	0 48	19 27	0 40	22 31	0 27	19 13	0 14	21 6	1 27	18 35	14 56	14 48	14 24	8 39	6 46	5 40
M11	21 54	8 16	5 2	20 43	2 44	21 34	1 19	17 3	0 48	19 29	0 40	22 31	0 27	19 14	0 14	21 7	1 27	18 34	14 56	14 48	14 25	8 41	6 45	5 40
T 12	21 45	12 23	5 13	20 52	2 36	21 43	1 17	17 13	0 47	19 31	0 40	22 30	0 27	19 14	0 14	21 7	1 27	18 34	14 56	14 49	14 26	8 43	6 44	5 39
W13	21 35	15 48	5 5	21 1	2 27	21 51	1 14	17 24	0 47	19 33	0 40	22 30	0 27	19 15	0 14	21 7	1 27	18 33	14 55	14 50	14 27	8 45	6 43	5 39
T 14	21 25	18 15	4 38	21 10	2 17	21 59	1 12	17 34	0 46	19 35	0 40	22 29	0 27	19 15	0 14	21 7	1 27	18 32	14 55	14 51	14 28	8 47	6 42	5 39
F 15	21 14	19 33	3 54	21 20	2 8	22 6	1 9	17 44	0 46	19 37	0 40	22 29	0 27	19 16	0 14	21 7	1 27	18 32	14 55	14 53	14 29	8 49	6 41	5 39
S 16	21 3	19 37	2 56	21 29	1 58	22 13	1 6	17 54	0 45	19 39	0 41	22 28	0 27	19 16	0 14	21 8	1 27	18 31	14 55	14 54	14 30	8 51	6 40	5 38
S 17	20 52	18 29	1 48	21 38	1 48	22 18	1 4	18 3	0 45	19 41	0 41	22 27	0 27	19 17	0 14	21 8	1 27	18 31	14 54	14 54	14 31	8 53	6 39	5 38
M18	20 40	16 19	0 36	21 47	1 38	22 24	1 1	18 13	0 44	19 43	0 41	22 27	0 27	19 18	0 14	21 8	1 27	18 30	14 54	14 55	14 32	8 54	6 38	5 38
T 19	20 28	13 19	0n36	21 55	1 28	22 28	0 58	18 23	0 44	19 45	0 41	22 26	0 27	19 18	0 14	21 8	1 27	18 29	14 54	14 55	14 33	8 56	6 37	5 38
W20	20 15	9 46	1 45	22 3	1 18	22 32	0 55	18 32	0 43	19 47	0 41	22 26	0 26	19 19	0 14	21 8	1 27	18 29	14 54	14 54	14 34	8 58	6 36	5 38
T 21	20 2	5 52	2 47	22 10	1 9	22 35	0 52	18 41	0 43	19 49	0 41	22 25	0 26	19 19	0 14	21 8	1 27	18 28	14 53	14 54	14 35	9 0	6 35	5 37
F 22	19 49	1 48	3 40	22 17	0 59	22 38	0 50	18 51	0 42	19 51	0 41	22 24	0 26	19 19	0 14	21 9	1 27	18 27	14 53	14 54	14 36	9 2	6 34	5 37
S 23	19 35	2s15	4 23	22 22	0 49	22 40	0 47	19 0	0 42	19 53	0 42	22 24	0 26	19 20	0 14	21 9	1 27	18 27	14 53	14 53	14 37	9 4	6 33	5 37
S 24	19 21	6 10	4 53	22 27	0 40	22 41	0 44	19 8	0 41	19 55	0 42	22 23	0 26	19 20	0 14	21 9	1 27	18 26	14 53	14 53	14 38	9 6	6 32	5 37
M25	19 6	9 50	5 11	22 31	0 31	22 41	0 41	19 17	0 41	19 57	0 42	22 23	0 26	19 21	0 14	21 9	1 27	18 25	14 53	14 53	14 39	9 8	6 31	5 37
T 26	18 51	13 7	5 16	22 34	0 22	22 41	0 38	19 26	0 40	19 59	0 42	22 22	0 26	19 21	0 14	21 9	1 27	18 25	14 52	14 53	14 40	9 10	6 30	5 36
W27	18 36	15 53	5 7	22 36	0 13	22 40	0 35	19 34	0 39	20 1	0 42	22 21	0 26	19 22	0 14	21 9	1 27	18 24	14 52	14 53	14 41	9 12	6 28	5 36
T 28	18 21	18 0	4 44	22 37	0 4	22 39	0 32	19 43	0 39	20 3	0 42	22 21	0 26	19 22	0 14	21 9	1 28	18 23	14 52	14 54	14 42	9 14	6 27	5 36
F 29	18 5	19 19	4 8	22 36	0s 5	22 36	0 29	19 51	0 38	20 5	0 42	22 20	0 26	19 23	0 14	21 10	1 28	18 23	14 52	14 55	14 43	9 16	6 26	5 36
S 30	17 49	19 43	3 18	22 35	0 13	22 34	0 27	19 59	0 38	20 7	0 42	22 20	0 26	19 23	0 14	21 10	1 28	18 22	14 52	14 55	14 44	9 18	6 25	5 36
S 31	17s32	19s 4	2n18	22s33	0s21	22s30	0n24	20s 7	0n37	20n 9	0n43	22s19	0n26	19s23	0n14	21s10	1n28	18s21	14s51	14n55	14n45	9s20	6s24	5n36

Julian Day Number = 2383244.5, Delta T = 15.59 sec
Ecliptic obliquity = 23°27'41, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°07'45, Lahiri = 21°14'46

ASTRODIENST EPHEMERIS for the year 1813
geocentric

FEBRUARY 1813 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 43 14	11♒49'02	7♒14	19♑45	13♑32	3♐18	3°R 3	13♑55	27♏33	15♐ 1	18♓ 4	19°R41	20♌11	7♏48	29♒37	M 1
T 2	8 47 10	12°49'55	20°48	21° 7	14°46	3°56	2♌55	14° 1	27°34	15° 2	18° 6	19°D41	20° 7	7°55	29°41	T 2
W 3	8 51 7	13°50'46	4♓36	22°31	16° 1	4°33	2°47	14° 8	27°36	15° 3	18° 7	19♌41	20° 4	8° 2	29°45	W 3
T 4	8 55 3	14°51'36	18°37	23°55	17°15	5°10	2°39	14°14	27°37	15° 5	18° 8	19°42	20° 1	8° 8	29°49	T 4
F 5	8 59 0	15°52'24	2♈46	25°21	18°29	5°47	2°32	14°21	27°39	15° 6	18°10	19°42	19°58	8°15	29°53	F 5
S 6	9 2 56	16°53'11	16°59	26°47	19°44	6°24	2°24	14°27	27°40	15° 7	18°11	19°43	19°55	8°22	29°57	S 6
S 7	9 6 53	17°53'56	1♉14	28°15	20°58	7° 1	2°17	14°33	27°41	15° 9	18°12	19°43	19°52	8°29	0♓ 1	S 7
M 8	9 10 50	18°54'40	15°28	29°43	22°12	7°38	2° 9	14°39	27°43	15°10	18°14	19°43	19°48	8°35	0° 5	M 8
T 9	9 14 46	19°55'22	29°37	1♒12	23°27	8°15	2° 2	14°46	27°44	15°11	18°15	19°43	19°45	8°42	0° 9	T 9
W10	9 18 43	20°56'03	13♊41	2°42	24°41	8°52	1°55	14°52	27°45	15°12	18°16	19°43	19°42	8°49	0°13	W10
T 11	9 22 39	21°56'42	27°37	4°13	25°55	9°28	1°47	14°58	27°46	15°14	18°18	19°43	19°39	8°55	0°17	T 11
F 12	9 26 36	22°57'19	11♋23	5°45	27°10	10° 5	1°40	15° 4	27°47	15°15	18°19	19°43	19°36	9° 2	0°21	F 12
S 13	9 30 32	23°57'54	24°59	7°18	28°24	10°42	1°33	15°10	27°48	15°16	18°21	19°44	19°32	9° 9	0°25	S 13
S 14	9 34 29	24°58'28	8♌22	8°52	29°38	11°19	1°27	15°16	27°49	15°17	18°22	19°44	19°29	9°16	0°29	S 14
M15	9 38 25	25°59'00	21°31	10°27	0♒53	11°56	1°20	15°22	27°50	15°18	18°24	19°R44	19°26	9°22	0°33	M15
T 16	9 42 22	26°59'31	4♍25	12° 2	2° 7	12°32	1°13	15°28	27°51	15°19	18°25	19°44	19°23	9°29	0°37	T 16
W17	9 46 19	28° 0'00	17° 5	13°39	3°22	13° 9	1° 7	15°34	27°52	15°20	18°27	19°43	19°20	9°36	0°41	W17
T 18	9 50 15	29° 0'27	29°31	15°16	4°36	13°46	1° 0	15°40	27°52	15°21	18°28	19°42	19°17	9°42	0°46	T 18
F 19	9 54 12	0♓ 0'53	11♎45	16°54	5°50	14°22	0°54	15°46	27°53	15°22	18°30	19°41	19°13	9°49	0°50	F 19
S 20	9 58 8	1° 1'18	23°48	18°34	7° 5	14°59	0°48	15°51	27°54	15°23	18°31	19°39	19°10	9°56	0°54	S 20
S 21	10 2 5	2° 1'41	5♏44	20°14	8°19	15°35	0°42	15°57	27°54	15°23	18°33	19°37	19° 7	10° 3	0°58	S 21
M22	10 6 1	3° 2'03	17°36	21°55	9°34	16°12	0°36	16° 3	27°55	15°24	18°34	19°36	19° 4	10° 9	1° 2	M22
T 23	10 9 58	4° 2'23	29°30	23°37	10°48	16°48	0°31	16° 8	27°55	15°25	18°36	19°D36	19° 1	10°16	1° 6	T 23
W24	10 13 54	5° 2'42	11♐29	25°20	12° 2	17°25	0°25	16°14	27°56	15°26	18°37	19°36	18°57	10°23	1°10	W24
T 25	10 17 51	6° 2'59	23°38	27° 4	13°17	18° 1	0°20	16°19	27°56	15°27	18°39	19°36	18°54	10°30	1°14	T 25
F 26	10 21 47	7° 3'15	6♑ 2	28°49	14°31	18°37	0°15	16°24	27°56	15°27	18°40	19°38	18°51	10°36	1°18	F 26
S 27	10 25 44	8° 3'30	18°45	0♓36	15°46	19°13	0°10	16°30	27°57	15°28	18°42	19°39	18°48	10°43	1°22	S 27
S 28	10 29 41	9♓ 3'42	1♒49	2♓23	17♒ 0	19♐50	0♌ 5	16♑35	27♏57	15♐28	18♓43	19♌41	18♌45	10♏50	1♓26	S 28

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
M 1	17s16	17s23	1n 9	22s29	0s29	22s26	0n21	20s15	0n36	20n11	0n43	22s18	0n26	19s24	0n14	21s10	1n28	18s21	14s51	14n56	14n46	9s22	6s23	5n35
T 2	16 59	14 40	0s 6	22 24	0 36	22 21	0 18	20 22	0 36	20 13	0 43	22 18	0 26	19 24	0 14	21 10	1 28	18 20	14 51	14 56	14 47	9 24	6 21	5 35
W 3	16 41	11 6	1 22	22 18	0 44	22 15	0 15	20 30	0 35	20 15	0 43	22 17	0 26	19 24	0 14	21 10	1 28	18 19	14 51	14 56	14 48	9 26	6 20	5 35
T 4	16 24	6 52	2 34	22 11	0 51	22 9	0 12	20 37	0 34	20 17	0 43	22 16	0 26	19 25	0 14	21 10	1 28	18 18	14 51	14 55	14 49	9 28	6 19	5 35
F 5	16 6	2 13	3 37	22 2	0 58	22 2	0 9	20 44	0 34	20 19	0 43	22 16	0 26	19 25	0 15	21 10	1 28	18 18	14 50	14 55	14 50	9 30	6 18	5 35
S 6	15 47	2n34	4 27	21 52	1 4	21 54	0 6	20 51	0 33	20 21	0 43	22 15	0 26	19 25	0 15	21 11	1 28	18 17	14 50	14 55	14 51	9 32	6 16	5 35
S 7	15 29	7 12	5 1	21 41	1 10	21 46	0 4	20 58	0 32	20 22	0 43	22 15	0 26	19 26	0 15	21 11	1 28	18 16	14 50	14 55	14 52	9 34	6 15	5 35
M 8	15 10	11 26	5 16	21 28	1 16	21 37	0 1	21 5	0 31	20 24	0 43	22 14	0 25	19 26	0 15	21 11	1 28	18 16	14 50	14 55	14 53	9 36	6 14	5 35
T 9	14 51	15 0	5 13	21 15	1 22	21 27	0s 2	21 12	0 31	20 26	0 43	22 13	0 25	19 26	0 15	21 11	1 28	18 15	14 50	14 55	14 54	9 38	6 12	5 34
W10	14 32	17 40	4 50	21 0	1 27	21 17	0 5	21 18	0 30	20 27	0 43	22 13	0 25	19 26	0 15	21 11	1 28	18 14	14 50	14 55	14 55	9 39	6 11	5 34
T 11	14 12	19 16	4 11	20 43	1 33	21 6	0 8	21 25	0 29	20 29	0 43	22 12	0 25	19 27	0 15	21 11	1 28	18 14	14 50	14 55	14 56	9 41	6 10	5 34
F 12	13 53	19 42	3 17	20 25	1 37	20 55	0 10	21 31	0 28	20 31	0 44	22 11	0 25	19 27	0 15	21 11	1 28	18 13	14 49	14 55	14 57	9 43	6 9	5 34
S 13	13 33	18 58	2 13	20 6	1 42	20 43	0 13	21 37	0 28	20 32	0 44	22 11	0 25	19 27	0 15	21 11	1 28	18 12	14 49	14 55	14 58	9 45	6 7	5 34
S 14	13 13	17 11	1 3	19 46	1 46	20 30	0 16	21 43	0 27	20 34	0 44	22 10	0 25	19 27	0 15	21 11	1 28	18 12	14 49	14 55	14 59	9 47	6 6	5 34
M15	12 52	14 30	0n10	19 24	1 50	20 17	0 18	21 49	0 26	20 36	0 44	22 10	0 25	19 28	0 15	21 11	1 28	18 11	14 49	14 55	15 0	9 49	6 5	5 34
T 16	12 32	11 9	1 21	19 1	1 53	20 3	0 21	21 54	0 25	20 37	0 44	22 9	0 25	19 28	0 15	21 11	1 28	18 10	14 49	14 55	15 1	9 51	6 3	5 34
W17	12 11	7 21	2 26	18 36	1 56	19 48	0 24	22 0	0 24	20 38	0 44	22 8	0 25	19 28	0 15	21 11	1 28	18 10	14 49	14 55	15 2	9 53	6 2	5 34
T 18	11 50	3 18	3 23	18 10	1 59	19 33	0 26	22 5	0 24	20 40	0 44	22 8	0 25	19 28	0 15	21 12	1 28	18 9	14 49	14 55	15 3	9 55	6 0	5 34
F 19	11 29	0s49	4 10	17 43	2 2	19 18	0 29	22 10	0 23	20 41	0 44	22 7	0 25	19 28	0 15	21 12	1 28	18 8	14 49	14 56	15 4	9 57	5 59	5 34
S 20	11 7	4 50	4 45	17 14	2 4	19 1	0 31	22 15	0 22	20 43	0 44	22 6	0 25	19 28	0 15	21 12	1 28	18 8	14 49	14 56	15 5	9 59	5 58	5 34
S 21	10 46	8 37	5 7	16 44	2 5	18 45	0 34	22 20	0 21	20 44	0 44	22 6	0 25	19 29	0 15	21 12	1 28	18 7	14 49	14 57	15 6	10 1	5 56	5 34
M22	10 24	12 2	5 16	16 13	2 7	18 27	0 36	22 25	0 20	20 45	0 44	22 5	0 25	19 29	0 15	21 12	1 28	18 6	14 49	14 57	15 7	10 3	5 55	5 34
T 23	10 2	14 59	5 12	15 40	2 7	18 10	0 39	22 29	0 19	20 47	0 44	22 5	0 25	19 29	0 15	21 12	1 29	18 6	14 48	14 57	15 8	10 5	5 54	5 34
W24	9 40	17 20	4 54	15 6	2 8	17 51	0 41	22 34	0 18	20 48	0 44	22 4	0 25	19 29	0 15	21 12	1 29	18 5	14 48	14 57	15 9	10 7	5 52	5 33
T 25	9 18	18 57	4 22	14 30	2 8	17 32	0 43	22 38	0 17	20 49	0 44	22 3	0 25	19 29	0 15	21 12	1 29	18 4	14 48	14 57	15 10	10 9	5 51	5 33
F 26	8 56	19 41	3 38	13 53	2 7	17 13	0 45	22 42	0 17	20 50	0 44	22 3	0 25	19 29	0 15	21 12	1 29	18 4	14 48	14 57	15 11	10 11	5 49	5 33
S 27	8 33	19 28	2 43	13 15	2 7	16 53	0 48	22 46	0 16	20 51	0 44	22 2	0 25	19 29	0 15	21 12	1 29	18 3	14 48	14 56	15 12	10 12	5 48	5 33
S 28	8s11	18s12	1n37	12s35	2s 5	16s33	0s50	22s50	0n15	20n52	0n44	22s 2	0n25	19s29	0n15	21s12	1n29	18s 2	14s48	14n56	15n13	10s14	5s47	5n33

Julian Day Number = 2383275.5, Delta T = 15.61 sec
Ecliptic obliquity = 23°27'42, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°07'50, Lahiri = 21°14'50

ASTRODIENST EPHEMERIS for the year 1813
geocentric

MARCH 1813 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 33 37	10♓ 3'54	15♒17	4♓11	18♒14	20♐26	29°R59	16♑40	27♏57	15♐29	18♓45	19°R41	18♌42	10♏56	1♓30	M 1
T 2	10 37 34	11° 4'03	29° 8	6° 1	19°29	21° 2	29♋55	16°45	27°57	15°30	18°46	19♌41	18°38	11° 3	1°34	T 2
W 3	10 41 30	12° 4'11	13♓20	7°51	20°43	21°38	29°51	16°50	27°R57	15°30	18°48	19°40	18°35	11°10	1°38	W 3
T 4	10 45 27	13° 4'16	27°49	9°42	21°58	22°14	29°47	16°55	27°57	15°31	18°49	19°37	18°32	11°17	1°42	T 4
F 5	10 49 23	14° 4'20	12♈27	11°35	23°12	22°50	29°43	17° 0	27°57	15°31	18°51	19°34	18°29	11°23	1°46	F 5
S 6	10 53 20	15° 4'22	27° 9	13°28	24°27	23°26	29°39	17° 5	27°57	15°32	18°53	19°30	18°26	11°30	1°50	S 6
S 7	10 57 16	16° 4'21	11♉47	15°23	25°41	24° 2	29°35	17°10	27°57	15°32	18°54	19°27	18°23	11°37	1°54	S 7
M 8	11 1 13	17° 4'19	26°16	17°18	26°55	24°37	29°32	17°14	27°56	15°32	18°56	19°24	18°19	11°43	1°58	M 8
T 9	11 5 10	18° 4'14	10♊31	19°15	28°10	25°13	29°29	17°19	27°56	15°33	18°57	19°23	18°16	11°50	2° 2	T 9
W10	11 9 6	19° 4'07	24°30	21°12	29°24	25°49	29°25	17°23	27°56	15°33	18°59	19°D23	18°13	11°57	2° 6	W10
T 11	11 13 3	20° 3'58	8♋13	23°10	0♓38	26°24	29°22	17°28	27°55	15°33	19° 0	19°24	18°10	12° 4	2°10	T 11
F 12	11 16 59	21° 3'46	21°40	25° 8	1°53	27° 0	29°20	17°32	27°55	15°33	19° 2	19°25	18° 7	12°10	2°14	F 12
S 13	11 20 56	22° 3'33	4♌52	27° 7	3° 7	27°35	29°17	17°37	27°55	15°34	19° 4	19°27	18° 3	12°17	2°18	S 13
S 14	11 24 52	23° 3'17	17°50	29° 6	4°21	28°11	29°15	17°41	27°54	15°34	19° 5	19°R28	18° 0	12°24	2°22	S 14
M15	11 28 49	24° 2'58	0♍36	1♈ 6	5°36	28°46	29°13	17°45	27°53	15°34	19° 7	19°27	17°57	12°31	2°26	M15
T 16	11 32 45	25° 2'38	13°11	3° 5	6°50	29°21	29°11	17°49	27°53	15°34	19° 8	19°25	17°54	12°37	2°30	T 16
W17	11 36 42	26° 2'16	25°36	5° 4	8° 4	29°56	29° 9	17°53	27°52	15°34	19°10	19°21	17°51	12°44	2°33	W17
T 18	11 40 39	27° 1'51	7♎51	7° 2	9°19	0♑32	29° 7	17°57	27°51	15°R34	19°11	19°15	17°48	12°51	2°37	T 18
F 19	11 44 35	28° 1'25	19°58	8°59	10°33	1° 7	29° 6	18° 1	27°50	15°34	19°13	19° 8	17°44	12°57	2°41	F 19
S 20	11 48 32	29° 0'56	1♏58	10°55	11°47	1°42	29° 5	18° 5	27°50	15°34	19°14	19° 0	17°41	13° 4	2°45	S 20
S 21	11 52 28	0♈ 0'26	13°52	12°49	13° 2	2°17	29° 4	18° 8	27°49	15°34	19°16	18°53	17°38	13°11	2°48	S 21
M22	11 56 25	0°59'54	25°44	14°40	14°16	2°51	29° 3	18°12	27°48	15°34	19°17	18°47	17°35	13°18	2°52	M22
T 23	12 0 21	1°59'20	7♐37	16°30	15°30	3°26	29° 2	18°15	27°47	15°34	19°19	18°42	17°32	13°24	2°56	T 23
W24	12 4 18	2°58'44	19°35	18°16	16°44	4° 1	29° 2	18°19	27°46	15°33	19°21	18°39	17°28	13°31	3° 0	W24
T 25	12 8 14	3°58'07	1♑41	19°58	17°59	4°35	29° 1	18°22	27°45	15°33	19°22	18°D37	17°25	13°38	3° 3	T 25
F 26	12 12 11	4°57'28	14° 1	21°37	19°13	5°10	29°D 1	18°25	27°43	15°33	19°24	18°38	17°22	13°44	3° 7	F 26
S 27	12 16 7	5°56'47	26°40	23°12	20°27	5°44	29° 1	18°29	27°42	15°33	19°25	18°39	17°19	13°51	3°10	S 27
S 28	12 20 4	6°56'04	9♒42	24°42	21°42	6°19	29° 2	18°32	27°41	15°32	19°27	18°40	17°16	13°58	3°14	S 28
M29	12 24 1	7°55'19	23°10	26° 7	22°56	6°53	29° 2	18°35	27°40	15°32	19°28	18°R40	17°13	14° 5	3°17	M29
T 30	12 27 57	8°54'33	7♓ 6	27°26	24°10	7°27	29° 3	18°37	27°38	15°32	19°30	18°39	17° 9	14°11	3°21	T 30
W31	12 31 54	9♈53'44	21♓29	28♈40	25♓24	8♑ 1	29♋ 4	18♑40	27♏37	15♐31	19♓31	18♌35	17♌ 6	14♏18	3♓24	W31

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
M 1	7s48	15s53	0n24	11s54	2s 3	16s12	0s52	22s53	0n14	20n53	0n44	22s 1	0n25	19s29	0n15	21s12	1n29	18s 2	14s48	14n56	15n14	10s16	5s45	5n33
T 2	7 25	12 36	0s52	11 11	2 1	15 51	0 54	22 57	0 13	20 54	0 44	22 0	0 24	19 29	0 15	21 12	1 29	18 1	14 48	14 56	15 15	10 18	5 44	5 33
W 3	7 2	8 30	2 7	10 28	1 58	15 29	0 56	23 0	0 12	20 55	0 44	22 0	0 24	19 29	0 15	21 12	1 29	18 0	14 48	14 56	15 16	10 20	5 42	5 33
T 4	6 39	3 51	3 15	9 43	1 55	15 7	0 58	23 3	0 11	20 56	0 44	21 59	0 24	19 29	0 15	21 12	1 29	18 0	14 48	14 57	15 17	10 22	5 41	5 33
F 5	6 16	1n 5	4 10	8 56	1 51	14 44	1 0	23 6	0 10	20 57	0 44	21 59	0 24	19 29	0 15	21 12	1 29	17 59	14 48	14 58	15 18	10 24	5 39	5 33
S 6	5 53	5 57	4 50	8 9	1 47	14 21	1 2	23 9	0 9	20 58	0 44	21 58	0 24	19 29	0 15	21 12	1 29	17 59	14 48	14 59	15 19	10 26	5 38	5 33
S 7	5 30	10 27	5 11	7 20	1 42	13 58	1 4	23 12	0 7	20 59	0 44	21 58	0 24	19 29	0 15	21 12	1 29	17 58	14 48	15 0	15 20	10 28	5 37	5 33
M 8	5 7	14 17	5 11	6 30	1 36	13 34	1 5	23 15	0 6	20 59	0 44	21 57	0 24	19 29	0 15	21 12	1 29	17 57	14 48	15 1	15 21	10 30	5 35	5 34
T 9	4 43	17 13	4 53	5 39	1 30	13 10	1 7	23 17	0 5	21 0	0 44	21 56	0 24	19 29	0 15	21 12	1 29	17 57	14 48	15 1	15 22	10 32	5 34	5 34
W10	4 20	19 4	4 17	4 46	1 24	12 46	1 9	23 20	0 4	21 1	0 44	21 56	0 24	19 29	0 15	21 12	1 29	17 56	14 48	15 1	15 23	10 34	5 32	5 34
T 11	3 56	19 46	3 27	3 53	1 16	12 21	1 10	23 22	0 3	21 1	0 44	21 55	0 24	19 29	0 15	21 12	1 29	17 55	14 48	15 1	15 24	10 36	5 31	5 34
F 12	3 33	19 19	2 26	2 59	1 9	11 56	1 12	23 24	0 2	21 2	0 44	21 55	0 24	19 29	0 15	21 12	1 29	17 55	14 48	15 1	15 25	10 38	5 29	5 34
S 13	3 9	17 47	1 19	2 4	1 0	11 30	1 13	23 26	0 1	21 2	0 44	21 54	0 24	19 28	0 15	21 12	1 29	17 54	14 48	15 0	15 26	10 39	5 28	5 34
S 14	2 46	15 22	0 9	1 9	0 52	11 5	1 15	23 27	0s 0	21 3	0 44	21 54	0 24	19 28	0 15	21 12	1 29	17 54	14 48	15 0	15 27	10 41	5 27	5 34
M15	2 22	12 13	1n 0	0 13	0 42	10 39	1 16	23 29	0 2	21 3	0 44	21 53	0 24	19 28	0 15	21 12	1 29	17 53	14 48	15 0	15 28	10 43	5 25	5 34
T 16	1 58	8 33	2 6	0n44	0 32	10 12	1 17	23 31	0 3	21 4	0 44	21 53	0 24	19 28	0 15	21 12	1 29	17 53	14 48	15 1	15 29	10 45	5 24	5 34
W17	1 35	4 34	3 4	1 41	0 22	9 46	1 18	23 32	0 4	21 4	0 44	21 52	0 24	19 28	0 15	21 12	1 29	17 52	14 48	15 2	15 30	10 47	5 22	5 34
T 18	1 11	0 27	3 53	2 37	0 11	9 19	1 19	23 33	0 5	21 4	0 44	21 52	0 24	19 28	0 15	21 12	1 30	17 51	14 48	15 4	15 31	10 49	5 21	5 34
F 19	0 47	3s38	4 30	3 34	0 0	8 52	1 21	23 34	0 7	21 5	0 44	21 51	0 24	19 28	0 15	21 12	1 30	17 51	14 49	15 6	15 32	10 51	5 20	5 34
S 20	0 24	7 32	4 56	4 30	0n11	8 24	1 22	23 35	0 8	21 5	0 44	21 51	0 24	19 27	0 15	21 12	1 30	17 50	14 49	15 8	15 33	10 53	5 18	5 34
S 21	0n 0	11 7	5 8	5 25	0 23	7 57	1 23	23 36	0 9	21 5	0 44	21 50	0 24	19 27	0 15	21 12	1 30	17 50	14 49	15 11	15 34	10 55	5 17	5 34
M22	0 24	14 14	5 7	6 20	0 35	7 29	1 23	23 36	0 11	21 5	0 44	21 50	0 24	19 27	0 15	21 12	1 30	17 49	14 49	15 13	15 35	10 57	5 15	5 34
T 23	0 48	16 47	4 52	7 13	0 48	7 1	1 24	23 37	0 12	21 5	0 44	21 50	0 24	19 27	0 15	21 11	1 30	17 49	14 49	15 14	15 36	10 59	5 14	5 35
W24	1 11	18 38	4 25	8 5	1 0	6 33	1 25	23 37	0 13	21 5	0 44	21 49	0 24	19 26	0 15	21 11	1 30	17 48	14 49	15 15	15 37	11 1	5 12	5 35
T 25	1 35	19 41	3 46	8 56	1 12	6 4	1 26	23 38	0 15	21 5	0 44	21 49	0 24	19 26	0 15	21 11	1 30	17 48	14 49	15 15	15 38	11 2	5 11	5 35
F 26	1 58	19 48	2 56	9 44	1 24	5 36	1 26	23 38	0 16	21 5	0 44	21 48	0 23	19 26	0 15	21 11	1 30	17 47	14 49	15 15	15 39	11 4	5 10	5 35
S 27	2 22	18 57	1 56	10 30	1 36	5 7	1 27	23 38	0 18	21 5	0 44	21 48	0 23	19 26	0 15	21 11	1 30	17 47	14 49	15 15	15 40	11 6	5 8	5 35
S 28	2 45	17 4	0 48	11 14	1 47	4 38	1 27	23 38	0 19	21 5	0 44	21 48	0 23	19 25	0 15	21 11	1 30	17 46	14 49	15 15	15 41	11 8	5 7	5 35
M29	3 9	14 11	0s24	11 56	1 58	4 9	1 28	23 37	0 21	21 5	0 44	21 47	0 23	19 25	0 15	21 11	1 30	17 46	14 49	15 15	15 41	11 10	5 6	5 35
T 30	3 32	10 25	1 38	12 35	2 9	3 40	1 28	23 37	0 22	21 5	0 44	21 47	0 23	19 25	0 15	21 11	1 30	17 45	14 50	15 15	15 42	11 12	5 4	5 35
W31	3n55	5s56	2s47	13n11	2n19	3s11	1s28	23s37	0s24	21n 5	0n44	21s46	0n23	19s25	0n15	21s11	1n30	17s45	14s50	15n16	15n43	11s14	5s 3	5n36

Julian Day Number = 2383303.5, Delta T = 15.63 sec
Ecliptic obliquity = 23°27'42, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°07'53, Lahiri = 21°14'54

ASTRODIENST EPHEMERIS for the year 1813
geocentric

APRIL 1813 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 35 50	10♈52'54	6♈14	29♈48	26♓39	8♑35	29♋ 5	18♑43	27°R36	15°R31	19♓33	18°R29	17♌ 3	14♏25	3♓28	T 1
F 2	12 39 47	11°52'01	21°15	0♉50	27°53	9° 9	29° 6	18°46	27♏34	15♐30	19°34	18♌22	17° 0	14°32	3°31	F 2
S 3	12 43 43	12°51'07	6♉22	1°46	29° 7	9°42	29° 8	18°48	27°33	15°30	19°35	18°13	16°57	14°38	3°35	S 3
S 4	12 47 40	13°50'10	21°25	2°36	0♈21	10°16	29° 9	18°51	27°31	15°29	19°37	18° 5	16°54	14°45	3°38	S 4
M 5	12 51 36	14°49'12	6♊14	3°18	1°35	10°50	29°11	18°53	27°30	15°29	19°38	17°58	16°50	14°52	3°41	M 5
T 6	12 55 33	15°48'10	20°44	3°55	2°50	11°23	29°13	18°55	27°28	15°28	19°40	17°53	16°47	14°58	3°44	T 6
W 7	12 59 30	16°47'07	4♋51	4°24	4° 4	11°56	29°15	18°57	27°26	15°28	19°41	17°51	16°44	15° 5	3°48	W 7
T 8	13 3 26	17°46'01	18°33	4°47	5°18	12°29	29°18	19° 0	27°25	15°27	19°43	17°D50	16°41	15°12	3°51	T 8
F 9	13 7 23	18°44'53	1♌53	5° 3	6°32	13° 2	29°20	19° 2	27°23	15°26	19°44	17°51	16°38	15°19	3°54	F 9
S 10	13 11 19	19°43'43	14°53	5°12	7°46	13°35	29°23	19° 3	27°21	15°25	19°45	17°R51	16°34	15°25	3°57	S 10
S 11	13 15 16	20°42'30	27°36	5°R15	9° 0	14° 8	29°26	19° 5	27°19	15°25	19°47	17°51	16°31	15°32	4° 0	S 11
M12	13 19 12	21°41'15	10♍ 6	5°12	10°14	14°41	29°29	19° 7	27°17	15°24	19°48	17°49	16°28	15°39	4° 3	M12
T 13	13 23 9	22°39'58	22°25	5° 2	11°28	15°13	29°32	19° 9	27°16	15°23	19°50	17°44	16°25	15°45	4° 6	T 13
W14	13 27 5	23°38'39	4♎36	4°47	12°43	15°45	29°36	19°10	27°14	15°22	19°51	17°36	16°22	15°52	4° 9	W14
T 15	13 31 2	24°37'17	16°40	4°27	13°57	16°18	29°39	19°11	27°12	15°21	19°52	17°26	16°19	15°59	4°12	T 15
F 16	13 34 59	25°35'54	28°39	4° 2	15°11	16°50	29°43	19°13	27°10	15°21	19°54	17°14	16°15	16° 6	4°15	F 16
S 17	13 38 55	26°34'29	10♏35	3°32	16°25	17°22	29°47	19°14	27° 8	15°20	19°55	17° 1	16°12	16°12	4°18	S 17
S 18	13 42 52	27°33'02	22°28	2°59	17°39	17°53	29°51	19°15	27° 6	15°19	19°56	16°48	16° 9	16°19	4°21	S 18
M19	13 46 48	28°31'33	4♐20	2°22	18°53	18°25	29°56	19°16	27° 4	15°18	19°57	16°37	16° 6	16°26	4°23	M19
T 20	13 50 45	29°30'02	16°13	1°44	20° 7	18°57	29°59	19°17	27° 1	15°17	19°59	16°27	16° 3	16°33	4°26	T 20
W21	13 54 41	0♑28'30	28°11	1° 4	21°21	19°28	0♌ 5	19°18	26°59	15°16	20° 0	16°20	16° 0	16°39	4°29	W21
T 22	13 58 38	1°26'56	10♑17	0°23	22°35	19°59	0° 9	19°19	26°57	15°15	20° 1	16°16	15°56	16°46	4°31	T 22
F 23	14 2 34	2°25'21	22°35	29♈42	23°49	20°30	0°14	19°19	26°55	15°14	20° 2	16°14	15°53	16°53	4°34	F 23
S 24	14 6 31	3°23'44	5♒10	29° 1	25° 3	21° 1	0°19	19°20	26°53	15°13	20° 4	16°D14	15°50	16°59	4°37	S 24
S 25	14 10 28	4°22'05	18° 6	28°22	26°17	21°32	0°25	19°20	26°51	15°12	20° 5	16°R14	15°47	17° 6	4°39	S 25
M26	14 14 24	5°20'25	1♓29	27°45	27°31	22° 2	0°30	19°21	26°48	15°10	20° 6	16°14	15°44	17°13	4°42	M26
T 27	14 18 21	6°18'43	15°19	27°11	28°45	22°32	0°36	19°21	26°46	15° 9	20° 7	16°11	15°40	17°20	4°44	T 27
W28	14 22 17	7°16'59	29°40	26°40	29°59	23° 2	0°41	19°21	26°44	15° 8	20° 8	16° 6	15°37	17°26	4°46	W28
T 29	14 26 14	8°15'14	14♈27	26°12	1♑13	23°32	0°47	19°R21	26°41	15° 7	20° 9	15°58	15°34	17°33	4°49	T 29
F 30	14 30 10	9♑13'28	29♈34	25♈49	2♑27	24♑ 2	0♌53	19♑21	26♏39	15♐ 6	20♓11	15♌49	15♌31	17♏40	4♓51	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	4n19	1s 0	3s47	13n44	2n28	2s42	1s29	23s36	0s25	21n 4	0n44	21s46	0n23	19s24	0n15	21s11	1n30	17s44	14s50	15n18	15n44	11s16	5s 1	5n36	
F 2	4 42	4n 5	4 32	14 14	2 37	2 12	1 29	23 35	0 27	21 4	0 44	21 46	0 23	19 24	0 15	21 11	1 30	17 44	14 50	15 20	15 45	11 18	5 0	5 36	
S 3	5 5	8 57	4 59	14 40	2 45	1 43	1 29	23 35	0 28	21 4	0 44	21 46	0 23	19 24	0 15	21 11	1 30	17 43	14 50	15 23	15 46	11 20	4 59	5 36	
S 4	5 28	13 13	5 5	15 4	2 51	1 13	1 29	23 34	0 30	21 3	0 44	21 45	0 23	19 23	0 15	21 11	1 30	17 43	14 50	15 25	15 47	11 22	4 57	5 36	
M 5	5 51	16 36	4 50	15 24	2 57	0 44	1 29	23 33	0 31	21 3	0 44	21 45	0 23	19 23	0 15	21 10	1 30	17 43	14 51	15 28	15 48	11 23	4 56	5 36	
T 6	6 13	18 52	4 17	15 41	3 2	0 14	1 29	23 31	0 33	21 3	0 44	21 45	0 23	19 22	0 15	21 10	1 30	17 42	14 51	15 29	15 49	11 25	4 55	5 37	
W 7	6 36	19 54	3 29	15 54	3 5	0n16	1 29	23 30	0 35	21 2	0 44	21 44	0 23	19 22	0 15	21 10	1 30	17 42	14 51	15 30	15 50	11 27	4 53	5 37	
T 8	6 59	19 42	2 30	16 4	3 7	0 45	1 28	23 29	0 37	21 2	0 44	21 44	0 23	19 22	0 15	21 10	1 30	17 41	14 51	15 30	15 51	11 29	4 52	5 37	
F 9	7 21	18 23	1 24	16 10	3 8	1 15	1 28	23 27	0 38	21 1	0 43	21 44	0 23	19 21	0 15	21 10	1 30	17 41	14 51	15 30	15 52	11 31	4 51	5 37	
S 10	7 43	16 8	0 16	16 13	3 8	1 45	1 28	23 26	0 40	21 0	0 43	21 44	0 23	19 21	0 15	21 10	1 30	17 41	14 51	15 30	15 53	11 33	4 50	5 37	
S 11	8 6	13 8	0n52	16 12	3 6	2 14	1 27	23 24	0 42	21 0	0 43	21 43	0 23	19 21	0 15	21 10	1 31	17 40	14 52	15 30	15 54	11 35	4 48	5 37	
M12	8 28	9 34	1 56	16 8	3 2	2 44	1 27	23 23	0 44	20 59	0 43	21 43	0 23	19 20	0 15	21 10	1 31	17 40	14 52	15 31	15 55	11 37	4 47	5 38	
T 13	8 50	5 40	2 53	16 0	2 58	3 13	1 26	23 21	0 45	20 58	0 43	21 43	0 23	19 20	0 15	21 10	1 31	17 39	14 52	15 32	15 56	11 39	4 46	5 38	
W14	9 11	1 34	3 42	15 49	2 51	3 43	1 26	23 19	0 47	20 58	0 43	21 43	0 23	19 19	0 15	21 9	1 31	17 39	14 52	15 34	15 57	11 40	4 45	5 38	
T 15	9 33	2s34	4 20	15 35	2 44	4 12	1 25	23 17	0 49	20 57	0 43	21 43	0 23	19 19	0 15	21 9	1 31	17 39	14 52	15 37	15 58	11 42	4 43	5 38	
F 16	9 54	6 33	4 46	15 18	2 35	4 41	1 24	23 15	0 51	20 56	0 43	21 43	0 23	19 18	0 15	21 9	1 31	17 38	14 53	15 41	15 59	11 44	4 42	5 38	
S 17	10 16	10 16	4 59	14 58	2 24	5 11	1 23	23 13	0 53	20 55	0 43	21 42	0 23	19 18	0 15	21 9	1 31	17 38	14 53	15 45	16 0	11 46	4 41	5 39	
S 18	10 37	13 34	5 0	14 35	2 12	5 40	1 23	23 10	0 55	20 54	0 43	21 42	0 23	19 17	0 15	21 9	1 31	17 38	14 53	15 49	16 1	11 48	4 40	5 39	
M19	10 58	16 19	4 47	14 11	1 59	6 9	1 22	23 8	0 57	20 53	0 43	21 42	0 23	19 17	0 15	21 9	1 31	17 38	14 53	15 52	16 2	11 50	4 38	5 39	
T 20	11 18	18 24	4 22	13 44	1 45	6 37	1 21	23 6	0 59	20 52	0 43	21 42	0 22	19 16	0 15	21 9	1 31	17 37	14 54	15 55	16 3	11 52	4 37	5 39	
W21	11 39	19 42	3 45	13 16	1 30	7 6	1 20	23 3	1 1	20 51	0 43	21 42	0 22	19 16	0 15	21 8	1 31	17 37	14 54	15 57	16 3	11 54	4 36	5 40	
T 22	11 59	20 6	2 58	12 47	1 15	7 35	1 18	23 1	1 3	20 50	0 43	21 42	0 22	19 15	0 15	21 8	1 31	17 37	14 54	15 58	16 4	11 56	4 35	5 40	
F 23	12 20	19 34	2 2	12 17	0 58	8 3	1 17	22 58	1 5	20 49	0 43	21 42	0 22	19 15	0 15	21 8	1 31	17 36	14 54	15 59	16 5	11 57	4 34	5 40	
S 24	12 40	18 3	0 58	11 47	0 41	8 31	1 16	22 56	1 8	20 48	0 43	21 42	0 22	19 14	0 15	21 8	1 31	17 36	14 54	15 59	16 6	11 59	4 33	5 40	
S 25	12 59	15 35	0s10	11 17	0 24	8 59	1 15	22 53	1 10	20 47	0 43	21 42	0 22	19 14	0 15	21 8	1 31	17 36	14 55	15 59	16 7	12 1	4 32	5 40	
M26	13 19	12 12	1 20	10 48	0 7	9 27	1 14	22 51	1 12	20 46	0 43	21 42	0 22	19 13	0 15	21 8	1 31	17 36	14 55	15 59	16 8	12 3	4 31	5 41	
T 27	13 38	8 3	2 27	10 20	0s10	9 55	1 12	22 48	1 14	20 44	0 43	21 42	0 22	19 13	0 15	21 8	1 31	17 35	14 55	16 0	16 9	12 5	4 29	5 41	
W28	13 57	3 19	3 28	9 53	0 27	10 22	1 11	22 45	1 17	20 43	0 43	21 42	0 22	19 12	0 15	21 7	1 31	17 35	14 56	16 2	16 10	12 7	4 28	5 41	
T 29	14 16	1n45	4 17	9 27	0 43	10 49	1 9	22 42	1 19	20 42	0 43	21 42	0 22	19 12	0 15	21 7	1 31	17 35	14 56	16 4	16 11	12 9	4 27	5 41	
F 30	14n35	6n50	4s49	9n 4	0s59	11n16	1s 8	22s39	1s21	20n40	0n43	21s42	0n22	19s11	0n15	21s 7	1n31	17s35	14s56	16n 7	16n12	12s11	4s26	5n42	

Julian Day Number = 2383334.5, Delta T = 15.65 sec
Ecliptic obliquity = 23°27'43, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°07'58, Lahiri = 21°14'58

ASTRODIENST EPHEMERIS for the year 1813
geocentric

MAY 1813 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 34 7	10♉11'39	14♉52	25°R29	3♉41	24♊31	0♌59	19°R21	26°R37	15°R 4	20♓12	15°R38	15♌28	17♏47	4♓53	S 1
S 2	14 38 3	11° 9'49	0♊10	25♈14	4°55	25° 0	1° 6	19♊21	26♏34	15♐ 3	20°13	15♌27	15°25	17°53	4°55	S 2
M 3	14 42 0	12° 7'58	15°16	25° 4	6° 9	25°29	1°12	19°20	26°32	15° 2	20°14	15°18	15°21	18° 0	4°57	M 3
T 4	14 45 57	13° 6'04	0♋ 1	24°58	7°22	25°58	1°19	19°20	26°30	15° 1	20°15	15°11	15°18	18° 7	4°59	T 4
W 5	14 49 53	14° 4'09	14°19	24°D57	8°36	26°27	1°26	19°19	26°27	14°59	20°16	15° 6	15°15	18°13	5° 1	W 5
T 6	14 53 50	15° 2'11	28° 9	25° 1	9°50	26°55	1°32	19°19	26°25	14°58	20°17	15° 4	15°12	18°20	5° 3	T 6
F 7	14 57 46	16° 0'12	11♌32	25° 9	11° 4	27°23	1°40	19°18	26°22	14°57	20°18	15° 4	15° 9	18°27	5° 5	F 7
S 8	15 1 43	16°58'11	24°31	25°22	12°18	27°51	1°47	19°17	26°20	14°55	20°19	15° 4	15° 5	18°34	5° 7	S 8
S 9	15 5 39	17°56'08	7♍ 9	25°40	13°32	28°18	1°54	19°16	26°17	14°54	20°20	15° 3	15° 2	18°40	5° 9	S 9
M10	15 9 36	18°54'03	19°32	26° 2	14°46	28°45	2° 1	19°15	26°15	14°52	20°21	15° 0	14°59	18°47	5°11	M10
T 11	15 13 32	19°51'56	1♎42	26°28	16° 0	29°12	2° 9	19°14	26°12	14°51	20°22	14°55	14°56	18°54	5°12	T 11
W12	15 17 29	20°49'47	13°44	26°58	17°13	29°39	2°17	19°13	26°10	14°50	20°22	14°46	14°53	19° 0	5°14	W12
T 13	15 21 25	21°47'37	25°41	27°33	18°27	0♒ 5	2°24	19°11	26° 7	14°48	20°23	14°36	14°50	19° 7	5°15	T 13
F 14	15 25 22	22°45'25	7♏35	28°11	19°41	0°32	2°32	19°10	26° 5	14°47	20°24	14°23	14°46	19°14	5°17	F 14
S 15	15 29 19	23°43'12	19°28	28°53	20°55	0°57	2°40	19° 9	26° 2	14°45	20°25	14° 9	14°43	19°21	5°18	S 15
S 16	15 33 15	24°40'57	1♐21	29°39	22° 9	1°23	2°49	19° 7	26° 0	14°44	20°26	13°56	14°40	19°27	5°20	S 16
M17	15 37 12	25°38'41	13°15	0♑29	23°23	1°48	2°57	19° 5	25°57	14°42	20°27	13°43	14°37	19°34	5°21	M17
T 18	15 41 8	26°36'24	25°13	1°22	24°36	2°13	3° 5	19° 4	25°55	14°41	20°27	13°33	14°34	19°41	5°22	T 18
W19	15 45 5	27°34'06	7♑16	2°18	25°50	2°38	3°14	19° 2	25°52	14°39	20°28	13°26	14°31	19°48	5°24	W19
T 20	15 49 1	28°31'46	19°26	3°17	27° 4	3° 2	3°22	19° 0	25°50	14°38	20°29	13°21	14°27	19°54	5°25	T 20
F 21	15 52 58	29°29'25	1♒48	4°20	28°18	3°26	3°31	18°58	25°47	14°36	20°30	13°19	14°24	20° 1	5°26	F 21
S 22	15 56 55	0♊27'04	14°24	5°25	29°31	3°49	3°40	18°56	25°45	14°35	20°30	13°D18	14°21	20° 8	5°27	S 22
S 23	16 0 51	1°24'41	27°19	6°34	0♊45	4°12	3°49	18°53	25°42	14°33	20°31	13°R18	14°18	20°14	5°28	S 23
M24	16 4 48	2°22'17	10♓36	7°45	1°59	4°35	3°58	18°51	25°40	14°31	20°32	13°18	14°15	20°21	5°29	M24
T 25	16 8 44	3°19'52	24°19	8°59	3°13	4°58	4° 7	18°49	25°37	14°30	20°32	13°16	14°11	20°28	5°30	T 25
W26	16 12 41	4°17'27	8♈30	10°16	4°27	5°20	4°17	18°46	25°35	14°28	20°33	13°13	14° 8	20°35	5°31	W26
T 27	16 16 37	5°15'00	23° 7	11°36	5°40	5°41	4°26	18°44	25°33	14°27	20°33	13° 6	14° 5	20°41	5°32	T 27
F 28	16 20 34	6°12'33	8♉ 5	12°58	6°54	6° 2	4°35	18°41	25°30	14°25	20°34	12°58	14° 2	20°48	5°32	F 28
S 29	16 24 30	7°10'05	23°17	14°24	8° 8	6°23	4°45	18°39	25°28	14°23	20°35	12°49	13°59	20°55	5°33	S 29
S 30	16 28 27	8° 7'36	8♊33	15°51	9°22	6°43	4°55	18°36	25°25	14°22	20°35	12°39	13°56	21° 1	5°34	S 30
M31	16 32 24	9♊ 5'06	23♊41	17♉22	10♊35	7♒ 3	5♌ 5	18♊33	25♏23	14♐20	20♓36	12♌31	13♌52	21♏ 8	5♓34	M31

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
S 1	14n53	11n31	5s 0	8n43	1s14	11n43	1s 6	22s37	1s24	20n39	0n43	21s42	0n22	19s11	0n15	21s 7	1n31	17s35	14s56	16n10	16n13	12s12	4s25	5n42
S 2	15 12	15 28	4 51	8 23	1 29	12 9	1 5	22 34	1 26	20 38	0 43	21 42	0 22	19 10	0 15	21 7	1 31	17 35	14 57	16 13	16 14	12 14	4 24	5 42
M 3	15 29	18 20	4 21	8 7	1 43	12 35	1 3	22 31	1 29	20 36	0 43	21 42	0 22	19 10	0 15	21 7	1 31	17 34	14 57	16 16	16 15	12 16	4 23	5 42
T 4	15 47	19 54	3 34	7 53	1 56	13 1	1 1	22 28	1 31	20 35	0 43	21 42	0 22	19 9	0 15	21 6	1 31	17 34	14 57	16 18	16 16	12 18	4 22	5 43
W 5	16 5	20 8	2 35	7 41	2 8	13 27	0 59	22 25	1 34	20 33	0 43	21 43	0 22	19 9	0 15	21 6	1 31	17 34	14 58	16 19	16 17	12 20	4 21	5 43
T 6	16 22	19 7	1 28	7 32	2 19	13 52	0 58	22 22	1 36	20 32	0 43	21 43	0 22	19 8	0 15	21 6	1 31	17 34	14 58	16 20	16 18	12 22	4 20	5 43
F 7	16 39	17 2	0 19	7 25	2 30	14 17	0 56	22 19	1 39	20 30	0 43	21 43	0 22	19 7	0 15	21 6	1 31	17 34	14 58	16 20	16 19	12 24	4 19	5 43
S 8	16 55	14 9	0n50	7 21	2 39	14 41	0 54	22 16	1 41	20 28	0 42	21 43	0 22	19 7	0 15	21 6	1 31	17 34	14 58	16 20	16 19	12 25	4 18	5 44
S 9	17 12	10 39	1 54	7 20	2 48	15 5	0 52	22 13	1 44	20 27	0 42	21 43	0 22	19 6	0 15	21 6	1 31	17 34	14 59	16 20	16 20	12 27	4 18	5 44
M10	17 28	6 46	2 51	7 20	2 55	15 29	0 50	22 10	1 47	20 25	0 42	21 43	0 22	19 6	0 15	21 5	1 31	17 34	14 59	16 21	16 21	12 29	4 17	5 44
T 11	17 43	2 41	3 40	7 24	3 2	15 52	0 48	22 7	1 50	20 23	0 42	21 44	0 22	19 5	0 15	21 5	1 31	17 33	14 59	16 23	16 22	12 31	4 16	5 45
W12	17 59	1s28	4 18	7 29	3 8	16 15	0 46	22 4	1 52	20 22	0 42	21 44	0 21	19 5	0 15	21 5	1 31	17 33	15 0	16 25	16 23	12 33	4 15	5 45
T 13	18 14	5 32	4 44	7 37	3 12	16 38	0 44	22 1	1 55	20 20	0 42	21 44	0 21	19 4	0 15	21 5	1 31	17 33	15 0	16 28	16 24	12 35	4 14	5 45
F 14	18 29	9 21	4 58	7 47	3 16	17 0	0 42	21 59	1 58	20 18	0 42	21 44	0 21	19 3	0 14	21 5	1 31	17 33	15 0	16 32	16 25	12 37	4 13	5 45
S 15	18 43	12 49	4 59	7 59	3 20	17 22	0 40	21 56	2 1	20 16	0 42	21 45	0 21	19 3	0 14	21 5	1 31	17 33	15 1	16 36	16 26	12 38	4 13	5 46
S 16	18 57	15 46	4 46	8 13	3 22	17 43	0 38	21 53	2 4	20 14	0 42	21 45	0 21	19 2	0 14	21 4	1 31	17 33	15 1	16 40	16 27	12 40	4 12	5 46
M17	19 11	18 5	4 22	8 28	3 23	18 4	0 36	21 50	2 7	20 12	0 42	21 45	0 21	19 2	0 14	21 4	1 31	17 33	15 1	16 43	16 28	12 42	4 11	5 46
T 18	19 25	19 37	3 45	8 46	3 24	18 24	0 33	21 48	2 10	20 10	0 42	21 45	0 21	19 1	0 14	21 4	1 31	17 33	15 2	16 46	16 29	12 44	4 10	5 47
W19	19 38	20 18	2 58	9 5	3 24	18 44	0 31	21 45	2 13	20 8	0 42	21 46	0 21	19 1	0 14	21 4	1 31	17 33	15 2	16 48	16 30	12 46	4 10	5 47
T 20	19 51	20 1	2 3	9 26	3 23	19 3	0 29	21 42	2 16	20 6	0 42	21 46	0 21	19 0	0 14	21 4	1 31	17 33	15 2	16 50	16 31	12 48	4 9	5 47
F 21	20 4	18 48	1 1	9 48	3 22	19 22	0 27	21 40	2 19	20 4	0 42	21 46	0 21	18 59	0 14	21 3	1 31	17 33	15 3	16 50	16 32	12 49	4 8	5 47
S 22	20 16	16 37	0s 6	10 12	3 20	19 40	0 24	21 37	2 23	20 2	0 42	21 47	0 21	18 59	0 14	21 3	1 31	17 33	15 3	16 51	16 32	12 51	4 7	5 48
S 23	20 28	13 34	1 14	10 37	3 17	19 58	0 22	21 35	2 26	20 0	0 42	21 47	0 21	18 58	0 14	21 3	1 31	17 33	15 3	16 50	16 33	12 53	4 7	5 48
M24	20 39	9 45	2 20	11 3	3 13	20 15	0 20	21 33	2 29	19 58	0 42	21 47	0 21	18 58	0 14	21 3	1 31	17 33	15 4	16 51	16 34	12 55	4 6	5 48
T 25	20 50	5 19	3 20	11 31	3 9	20 32	0 18	21 30	2 32	19 56	0 42	21 48	0 21	18 57	0 14	21 3	1 31	17 33	15 4	16 51	16 35	12 57	4 6	5 49
W26	21 1	0 27	4 9	12 0	3 4	20 48	0 15	21 28	2 36	19 53	0 42	21 48	0 21	18 56	0 14	21 3	1 31	17 34	15 4	16 52	16 36	12 59	4 5	5 49
T 27	21 12	4n35	4 45	12 29	2 59	21 4	0 13	21 26	2 39	19 51	0 42	21 49	0 21	18 56	0 14	21 2	1 31	17 34	15 5	16 54	16 37	13 0	4 4	5 49
F 28	21 22	9 27	5 2	13 0	2 53	21 19	0 10	21 24	2 43	19 49	0 42	21 49	0 21	18 55	0 14	21 2	1 32	17 34	15 5	16 56	16 38	13 2	4 4	5 50
S 29	21 32	13 48	4 58	13 31	2 47	21 33	0 8	21 23	2 46	19 46	0 42	21 49	0 21	18 55	0 14	21 2	1 32	17 34	15 5	16 59	16 39	13 4	4 3	5 50
S 30	21 41	17 15	4 33	14 3	2 40	21 47	0 6	21 21	2 50	19 44	0 42	21 50	0 20	18 54	0 14	21 2	1 32	17 34	15 6	17 2	16 40	13 6	4 3	5 50
M31	21n50	19n30	3s49	14n36	2s32	22n 0	0s 3	21s19	2s53	19n42	0n42	21s50	0n20	18s54	0n14	21s 2	1n32	17s34	15s 6	17n 4	16n41	13s 8	4s 2	5n50

Julian Day Number = 2383364.5, Delta T = 15.67 sec
Ecliptic obliquity = 23°27'42, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°08'02, Lahiri = 21°15'02

ASTRODIENST EPHEMERIS for the year 1813
geocentric

JUNE 1813 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 36 20	10♊ 2'35	8♋32	18♉55	11♊49	7♒23	5♌14	18°R30	25°R20	14°R19	20♓36	12°R25	13♌49	21♏15	5♓35	T 1
W 2	16 40 17	11° 0'03	22°58	20°30	13° 3	7°41	5°24	18♑27	25♏18	14♐17	20°36	12♌21	13°46	21°22	5°35	W 2
T 3	16 44 13	11°57'29	6♌56	22° 8	14°17	8° 0	5°34	18°24	25°16	14°15	20°37	12°D20	13°43	21°28	5°36	T 3
F 4	16 48 10	12°54'55	20°26	23°49	15°30	8°18	5°45	18°21	25°13	14°14	20°37	12°20	13°40	21°35	5°36	F 4
S 5	16 52 6	13°52'19	3♍29	25°32	16°44	8°35	5°55	18°18	25°11	14°12	20°38	12°21	13°37	21°42	5°36	S 5
S 6	16 56 3	14°49'42	16° 9	27°18	17°58	8°52	6° 5	18°14	25° 9	14°11	20°38	12°R21	13°33	21°49	5°36	S 6
M 7	16 59 59	15°47'04	28°32	29° 6	19°12	9° 8	6°16	18°11	25° 6	14° 9	20°38	12°20	13°30	21°55	5°36	M 7
T 8	17 3 56	16°44'24	10♎40	0♍57	20°25	9°24	6°26	18° 8	25° 4	14° 7	20°39	12°17	13°27	22° 2	5°37	T 8
W 9	17 7 53	17°41'44	22°40	2°50	21°39	9°40	6°37	18° 4	25° 2	14° 6	20°39	12°12	13°24	22° 9	5°R37	W 9
T 10	17 11 49	18°39'03	4♏34	4°45	22°53	9°54	6°47	18° 1	25° 0	14° 4	20°39	12° 5	13°21	22°15	5°37	T 10
F 11	17 15 46	19°36'21	16°26	6°43	24° 6	10° 8	6°58	17°57	24°57	14° 2	20°39	11°56	13°17	22°22	5°36	F 11
S 12	17 19 42	20°33'38	28°18	8°43	25°20	10°22	7° 9	17°54	24°55	14° 1	20°40	11°47	13°14	22°29	5°36	S 12
S 13	17 23 39	21°30'55	10♐14	10°45	26°34	10°35	7°20	17°50	24°53	13°59	20°40	11°37	13°11	22°36	5°36	S 13
M14	17 27 35	22°28'11	22°13	12°49	27°47	10°47	7°31	17°46	24°51	13°58	20°40	11°29	13° 8	22°42	5°36	M14
T 15	17 31 32	23°25'26	4♑19	14°54	29° 1	10°59	7°42	17°42	24°49	13°56	20°40	11°22	13° 5	22°49	5°36	T 15
W16	17 35 28	24°22'41	16°32	17° 2	0♋15	11°10	7°53	17°39	24°47	13°54	20°40	11°17	13° 2	22°56	5°35	W16
T 17	17 39 25	25°19'55	28°54	19°10	1°29	11°21	8° 4	17°35	24°45	13°53	20°40	11°14	12°58	23° 3	5°35	T 17
F 18	17 43 22	26°17'10	11♒26	21°20	2°42	11°31	8°15	17°31	24°43	13°51	20°41	11°D13	12°55	23° 9	5°34	F 18
S 19	17 47 18	27°14'23	24°12	23°31	3°56	11°40	8°27	17°27	24°41	13°50	20°41	11°14	12°52	23°16	5°34	S 19
S 20	17 51 15	28°11'37	7♓13	25°42	5°10	11°49	8°38	17°23	24°39	13°48	20°41	11°15	12°49	23°23	5°33	S 20
M21	17 55 11	29° 8'50	20°33	27°53	6°23	11°56	8°50	17°19	24°37	13°47	20°R41	11°16	12°46	23°29	5°32	M21
T 22	17 59 8	0♋ 6'04	4♈13	0♋ 5	7°37	12° 4	9° 1	17°15	24°35	13°45	20°41	11°R17	12°43	23°36	5°32	T 22
W23	18 3 4	1° 3'17	18°15	2°16	8°51	12°10	9°13	17°10	24°33	13°43	20°41	11°15	12°39	23°43	5°31	W23
T 24	18 7 1	2° 0'30	2♉38	4°27	10° 4	12°16	9°24	17° 6	24°31	13°42	20°41	11°13	12°36	23°50	5°30	T 24
F 25	18 10 57	2°57'44	17°19	6°37	11°18	12°21	9°36	17° 2	24°29	13°40	20°40	11° 8	12°33	23°56	5°29	F 25
S 26	18 14 54	3°54'57	2♊12	8°46	12°32	12°25	9°48	16°58	24°28	13°39	20°40	11° 3	12°30	24° 3	5°28	S 26
S 27	18 18 51	4°52'11	17°11	10°53	13°45	12°28	10° 0	16°54	24°26	13°37	20°40	10°58	12°27	24°10	5°27	S 27
M28	18 22 47	5°49'24	2♋ 5	13° 0	14°59	12°31	10°12	16°49	24°24	13°36	20°40	10°53	12°23	24°16	5°26	M28
T 29	18 26 44	6°46'38	16°47	15° 5	16°13	12°33	10°24	16°45	24°23	13°35	20°40	10°50	12°20	24°23	5°25	T 29
W30	18 30 40	7♋43'51	1♌10	17♋ 8	17♋26	12♒34	10♌36	16♑41	24♏21	13♐33	20♓40	10♌48	12♌17	24♏30	5♓24	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n59	20n22	2s50	15n 9	2s24	22n13	0s 1	21s18	2s57	19n39	0n42	21s51	0n20	18s53	0n14	21s 1	1n32	17s34	15s 7	17n 6	16n42	13s10	4s 2	5n51
W 2	22 7	19 50	1 41	15 43	2 16	22 25	0n 1	21 16	3 1	19 37	0 42	21 51	0 20	18 53	0 14	21 1	1 31	17 34	15 7	17 7	16 43	13 11	4 1	5 51
T 3	22 15	18 6	0 29	16 16	2 7	22 36	0 4	21 15	3 4	19 34	0 42	21 52	0 20	18 52	0 14	21 1	1 31	17 35	15 7	17 7	16 43	13 13	4 1	5 51
F 4	22 22	15 23	0n43	16 51	1 58	22 46	0 6	21 14	3 8	19 32	0 42	21 52	0 20	18 51	0 14	21 1	1 31	17 35	15 8	17 7	16 44	13 15	4 1	5 52
S 5	22 29	11 57	1 51	17 25	1 48	22 56	0 9	21 13	3 12	19 29	0 42	21 53	0 20	18 51	0 14	21 1	1 31	17 35	15 8	17 7	16 45	13 17	4 0	5 52
S 6	22 36	8 5	2 51	17 59	1 38	23 6	0 11	21 12	3 16	19 27	0 42	21 53	0 20	18 50	0 14	21 0	1 31	17 35	15 8	17 7	16 46	13 19	4 0	5 52
M 7	22 42	3 58	3 41	18 33	1 28	23 15	0 13	21 12	3 20	19 24	0 42	21 54	0 20	18 50	0 14	21 0	1 31	17 35	15 9	17 7	16 47	13 21	4 0	5 53
T 8	22 48	0s14	4 21	19 7	1 17	23 23	0 16	21 11	3 24	19 22	0 42	21 54	0 20	18 49	0 14	21 0	1 31	17 36	15 9	17 8	16 48	13 22	3 59	5 53
W 9	22 54	4 22	4 48	19 40	1 6	23 30	0 18	21 11	3 28	19 19	0 42	21 55	0 20	18 49	0 14	21 0	1 31	17 36	15 10	17 9	16 49	13 24	3 59	5 53
T 10	22 59	8 18	5 3	20 12	0 55	23 36	0 20	21 11	3 32	19 16	0 42	21 55	0 20	18 48	0 14	21 0	1 31	17 36	15 10	17 11	16 50	13 26	3 59	5 53
F 11	23 3	11 54	5 5	20 44	0 44	23 42	0 23	21 11	3 36	19 13	0 42	21 56	0 20	18 48	0 14	21 0	1 31	17 36	15 10	17 14	16 51	13 28	3 59	5 54
S 12	23 8	15 2	4 53	21 14	0 33	23 48	0 25	21 11	3 40	19 11	0 42	21 56	0 20	18 47	0 14	20 59	1 31	17 36	15 11	17 16	16 52	13 30	3 58	5 54
S 13	23 11	17 34	4 29	21 43	0 22	23 52	0 27	21 11	3 44	19 8	0 42	21 57	0 20	18 47	0 14	20 59	1 31	17 37	15 11	17 19	16 53	13 31	3 58	5 54
M14	23 15	19 22	3 53	22 11	0 11	23 56	0 30	21 12	3 48	19 5	0 42	21 57	0 20	18 46	0 14	20 59	1 31	17 37	15 11	17 21	16 53	13 33	3 58	5 55
T 15	23 18	20 18	3 5	22 37	0n 0	23 59	0 32	21 13	3 53	19 2	0 42	21 58	0 19	18 46	0 14	20 59	1 31	17 37	15 12	17 23	16 54	13 35	3 58	5 55
W16	23 21	20 18	2 9	23 1	0 11	24 2	0 34	21 14	3 57	18 59	0 42	21 59	0 19	18 45	0 14	20 59	1 31	17 38	15 12	17 25	16 55	13 37	3 58	5 55
T 17	23 23	19 19	1 6	23 23	0 22	24 3	0 36	21 15	4 1	18 56	0 42	21 59	0 19	18 45	0 14	20 59	1 31	17 38	15 12	17 25	16 56	13 39	3 57	5 56
F 18	23 25	17 23	0s 1	23 42	0 32	24 4	0 38	21 16	4 5	18 54	0 42	22 0	0 19	18 44	0 14	20 58	1 31	17 38	15 13	17 26	16 57	13 40	3 57	5 56
S 19	23 26	14 34	1 10	24 0	0 42	24 5	0 41	21 18	4 10	18 51	0 42	22 0	0 19	18 44	0 14	20 58	1 31	17 39	15 13	17 25	16 58	13 42	3 57	5 56
S 20	23 27	10 58	2 16	24 14	0 51	24 4	0 43	21 20	4 14	18 48	0 42	22 1	0 19	18 43	0 14	20 58	1 31	17 39	15 14	17 25	16 59	13 44	3 57	5 56
M21	23 28	6 46	3 17	24 27	1 0	24 3	0 45	21 22	4 18	18 45	0 42	22 2	0 19	18 43	0 14	20 58	1 31	17 39	15 14	17 25	17 0	13 46	3 57	5 57
T 22	23 28	2 7	4 8	24 36	1 8	24 1	0 47	21 24	4 23	18 42	0 42	22 2	0 19	18 42	0 14	20 58	1 31	17 40	15 14	17 25	17 1	13 48	3 57	5 57
W23	23 27	2n45	4 46	24 42	1 16	23 59	0 49	21 26	4 27	18 39	0 42	22 3	0 19	18 42	0 14	20 58	1 31	17 40	15 15	17 25	17 2	13 49	3 57	5 57
T 24	23 27	7 35	5 7	24 46	1 23	23 56	0 51	21 29	4 32	18 35	0 42	22 3	0 19	18 42	0 14	20 57	1 31	17 40	15 15	17 26	17 2	13 51	3 57	5 58
F 25	23 26	12 5	5 8	24 47	1 29	23 52	0 53	21 32	4 36	18 32	0 42	22 4	0 19	18 41	0 14	20 57	1 31	17 41	15 15	17 27	17 3	13 53	3 57	5 58
S 26	23 24	15 53	4 50	24 45	1 35	23 47	0 55	21 35	4 41	18 29	0 42	22 5	0 19	18 41	0 14	20 57	1 31	17 41	15 16	17 28	17 4	13 55	3 57	5 58
S 27	23 22	18 41	4 11	24 40	1 39	23 41	0 57	21 38	4 45	18 26	0 42	22 5	0 19	18 40	0 14	20 57	1 31	17 41	15 16	17 30	17 5	13 57	3 58	5 58
M28	23 20	20 11	3 15	24 33	1 43	23 35	0 59	21 41	4 50	18 23	0 42	22 6	0 18	18 40	0 14	20 57	1 31	17 42	15 17	17 31	17 6	13 58	3 58	5 59
T 29	23 17	20 18	2 7	24 23	1 47	23 29	1 0	21 45	4 54	18 20	0 42	22 6	0 18	18 40	0 14	20 57	1 31	17 42	15 17	17 32	17 7	14 0	3 58	5 59
W30	23n14	19n 4	0s52	24n10	1n49	23n21	1n 2	21s49	4s59	18n16	0n42	22s 7	0n18	18s39	0n14	20s56	1n31	17s43	15s17	17n32	17n 8	14s 2	3s58	5n59

Julian Day Number = 2383395.5, Delta T = 15.70 sec
Ecliptic obliquity = 23°27'42, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°08'06, Lahiri = 21°15'06

ASTRODIENST EPHEMERIS for the year 1813
geocentric

JULY 1813 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 34 37	8♋41'04	15♌ 9	19♋ 9	18♋40	12°R35	10♌48	16°R36	24°R20	13°R32	20°R40	10°D48	12♌14	24♏37	5°R23	T 1
F 2	18 38 33	9°38'17	28°42	21° 9	19°54	12♒34	11° 0	16♑32	24♏18	13♐30	20♓39	10♌49	12°11	24°43	5♓21	F 2
S 3	18 42 30	10°35'29	11♍49	23° 7	21° 8	12°33	11°12	16°27	24°17	13°29	20°39	10°50	12° 8	24°50	5°20	S 3
S 4	18 46 26	11°32'41	24°34	25° 3	22°21	12°31	11°24	16°23	24°15	13°27	20°39	10°52	12° 4	24°57	5°19	S 4
M 5	18 50 23	12°29'53	6♎59	26°57	23°35	12°29	11°36	16°19	24°14	13°26	20°38	10°R53	12° 1	25° 3	5°17	M 5
T 6	18 54 20	13°27'05	19°10	28°50	24°49	12°25	11°49	16°14	24°12	13°25	20°38	10°53	11°58	25°10	5°16	T 6
W 7	18 58 16	14°24'17	1♏10	0♌40	26° 2	12°21	12° 1	16°10	24°11	13°23	20°38	10°52	11°55	25°17	5°14	W 7
T 8	19 2 13	15°21'28	13° 4	2°28	27°16	12°16	12°13	16° 5	24°10	13°22	20°37	10°49	11°52	25°24	5°13	T 8
F 9	19 6 9	16°18'40	24°56	4°14	28°30	12°11	12°26	16° 1	24° 9	13°21	20°37	10°46	11°49	25°30	5°11	F 9
S 10	19 10 6	17°15'52	6♐51	5°59	29°43	12° 5	12°38	15°56	24° 7	13°19	20°37	10°42	11°45	25°37	5° 9	S 10
S 11	19 14 2	18°13'04	18°50	7°41	0♌57	11°58	12°51	15°52	24° 6	13°18	20°36	10°39	11°42	25°44	5° 8	S 11
M12	19 17 59	19°10'16	0♑57	9°21	2°11	11°50	13° 3	15°48	24° 5	13°17	20°36	10°35	11°39	25°51	5° 6	M12
T 13	19 21 55	20° 7'28	13°13	11° 0	3°24	11°42	13°16	15°43	24° 4	13°16	20°35	10°33	11°36	25°57	5° 4	T 13
W14	19 25 52	21° 4'40	25°39	12°36	4°38	11°32	13°28	15°39	24° 3	13°15	20°35	10°31	11°33	26° 4	5° 2	W14
T 15	19 29 49	22° 1'53	8♒18	14°11	5°51	11°23	13°41	15°34	24° 2	13°13	20°34	10°D30	11°29	26°11	5° 0	T 15
F 16	19 33 45	22°59'07	21° 9	15°43	7° 5	11°12	13°54	15°30	24° 1	13°12	20°34	10°31	11°26	26°17	4°58	F 16
S 17	19 37 42	23°56'21	4♓13	17°14	8°19	11° 1	14° 6	15°26	24° 0	13°11	20°33	10°32	11°23	26°24	4°56	S 17
S 18	19 41 38	24°53'35	17°31	18°42	9°32	10°50	14°19	15°21	24° 0	13°10	20°33	10°33	11°20	26°31	4°54	S 18
M19	19 45 35	25°50'50	1♈ 2	20° 9	10°46	10°38	14°32	15°17	23°59	13° 9	20°32	10°34	11°17	26°38	4°52	M19
T 20	19 49 31	26°48'06	14°49	21°33	12° 0	10°25	14°45	15°13	23°58	13° 8	20°31	10°35	11°14	26°44	4°50	T 20
W21	19 53 28	27°45'23	28°49	22°56	13°13	10°12	14°58	15° 8	23°57	13° 7	20°31	10°R35	11°10	26°51	4°48	W21
T 22	19 57 24	28°42'41	13♉ 2	24°16	14°27	9°58	15°10	15° 4	23°57	13° 6	20°30	10°35	11° 7	26°58	4°46	T 22
F 23	20 1 21	29°40'00	27°26	25°34	15°41	9°44	15°23	15° 0	23°56	13° 5	20°29	10°34	11° 4	27° 4	4°43	F 23
S 24	20 5 18	0♌37'20	11♊57	26°50	16°54	9°30	15°36	14°56	23°56	13° 4	20°29	10°33	11° 1	27°11	4°41	S 24
S 25	20 9 14	1°34'41	26°30	28° 4	18° 8	9°15	15°49	14°52	23°55	13° 3	20°28	10°32	10°58	27°18	4°39	S 25
M26	20 13 11	2°32'03	10♋59	29°15	19°21	9° 0	16° 2	14°47	23°55	13° 2	20°27	10°31	10°55	27°25	4°37	M26
T 27	20 17 7	3°29'26	25°20	0♍24	20°35	8°44	16°15	14°43	23°55	13° 1	20°26	10°30	10°51	27°31	4°34	T 27
W28	20 21 4	4°26'49	9♌27	1°31	21°49	8°28	16°28	14°39	23°54	13° 0	20°26	10°D30	10°48	27°38	4°32	W28
T 29	20 25 0	5°24'14	23°15	2°35	23° 2	8°13	16°41	14°35	23°54	12°59	20°25	10°30	10°45	27°45	4°29	T 29
F 30	20 28 57	6°21'39	6♍43	3°36	24°16	7°57	16°54	14°31	23°54	12°58	20°24	10°31	10°42	27°51	4°27	F 30
S 31	20 32 53	7♌19'04	19♍49	4♍34	25♌29	7♒40	17♌ 7	14♑27	23♏54	12♐58	20♓23	10♌31	10♌39	27♏58	4♓24	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
T 1	23n11	16n41	0n24	23n56	1n51	23n13	1n 4	21s53	5s 3	18n13	0n42	22s 8	0n18	18s39	0n14	20s56	1n31	17s43	15s18	17n32	17n 9	14s 4	3s58	5n59
F 2	23 7	13 27	1 36	23 39	1 52	23 4	1 6	21 58	5 7	18 10	0 42	22 8	0 18	18 38	0 14	20 56	1 31	17 43	15 18	17 32	17 10	14 5	3 58	6 0
S 3	23 2	9 37	2 42	23 20	1 53	22 54	1 7	22 2	5 12	18 6	0 42	22 9	0 18	18 38	0 14	20 56	1 31	17 44	15 18	17 32	17 10	14 7	3 59	6 0
S 4	22 58	5 29	3 37	22 59	1 53	22 44	1 9	22 7	5 16	18 3	0 42	22 10	0 18	18 38	0 14	20 56	1 31	17 44	15 19	17 31	17 11	14 9	3 59	6 0
M 5	22 52	1 13	4 21	22 37	1 52	22 33	1 10	22 12	5 21	18 0	0 42	22 10	0 18	18 37	0 14	20 56	1 31	17 45	15 19	17 31	17 12	14 11	3 59	6 0
T 6	22 47	3s 1	4 51	22 13	1 50	22 22	1 12	22 17	5 25	17 56	0 42	22 11	0 18	18 37	0 14	20 56	1 31	17 45	15 19	17 31	17 13	14 13	4 0	6 1
W 7	22 41	7 3	5 9	21 47	1 48	22 10	1 13	22 22	5 29	17 53	0 42	22 11	0 18	18 37	0 14	20 56	1 31	17 46	15 20	17 31	17 14	14 14	4 0	6 1
T 8	22 35	10 48	5 13	21 20	1 45	21 57	1 15	22 27	5 33	17 49	0 42	22 12	0 18	18 37	0 14	20 55	1 31	17 46	15 20	17 32	17 15	14 16	4 0	6 1
F 9	22 28	14 6	5 4	20 52	1 42	21 43	1 16	22 33	5 37	17 46	0 42	22 13	0 18	18 36	0 14	20 55	1 31	17 47	15 20	17 33	17 16	14 18	4 1	6 1
S 10	22 21	16 51	4 42	20 22	1 38	21 29	1 17	22 39	5 42	17 42	0 42	22 13	0 17	18 36	0 14	20 55	1 31	17 47	15 21	17 34	17 17	14 20	4 1	6 2
S 11	22 13	18 53	4 7	19 52	1 33	21 15	1 19	22 45	5 46	17 39	0 42	22 14	0 17	18 36	0 14	20 55	1 31	17 48	15 21	17 35	17 18	14 21	4 1	6 2
M12	22 5	20 7	3 21	19 21	1 28	20 59	1 20	22 51	5 50	17 35	0 42	22 14	0 17	18 35	0 14	20 55	1 31	17 48	15 21	17 36	17 18	14 23	4 2	6 2
T 13	21 57	20 24	2 25	18 49	1 23	20 43	1 21	22 57	5 53	17 32	0 42	22 15	0 17	18 35	0 14	20 55	1 31	17 48	15 22	17 37	17 19	14 25	4 2	6 2
W14	21 48	19 42	1 21	18 16	1 17	20 27	1 22	23 3	5 57	17 28	0 42	22 16	0 17	18 35	0 14	20 55	1 31	17 49	15 22	17 37	17 20	14 27	4 3	6 2
T 15	21 39	18 1	0 12	17 42	1 10	20 10	1 23	23 9	6 1	17 25	0 42	22 16	0 17	18 35	0 14	20 55	1 31	17 50	15 22	17 37	17 21	14 28	4 3	6 3
F 16	21 30	15 23	0s58	17 9	1 3	19 52	1 24	23 16	6 4	17 21	0 42	22 17	0 17	18 35	0 14	20 54	1 31	17 50	15 23	17 37	17 22	14 30	4 4	6 3
S 17	21 20	11 57	2 7	16 34	0 56	19 34	1 25	23 22	6 8	17 17	0 43	22 17	0 17	18 34	0 13	20 54	1 30	17 51	15 23	17 37	17 23	14 32	4 4	6 3
S 18	21 10	7 52	3 10	16 0	0 48	19 15	1 26	23 29	6 11	17 14	0 43	22 18	0 17	18 34	0 13	20 54	1 30	17 51	15 23	17 37	17 24	14 34	4 5	6 3
M19	21 0	3 19	4 4	15 25	0 40	18 56	1 26	23 35	6 14	17 10	0 43	22 19	0 17	18 34	0 13	20 54	1 30	17 52	15 24	17 36	17 25	14 35	4 5	6 3
T 20	20 49	1n28	4 45	14 50	0 31	18 36	1 27	23 42	6 18	17 6	0 43	22 19	0 17	18 34	0 13	20 54	1 30	17 52	15 24	17 36	17 25	14 37	4 6	6 4
W21	20 38	6 14	5 10	14 14	0 23	18 16	1 28	23 48	6 21	17 3	0 43	22 20	0 16	18 34	0 13	20 54	1 30	17 53	15 24	17 36	17 26	14 39	4 7	6 4
T 22	20 26	10 44	5 16	13 39	0 13	17 55	1 28	23 55	6 23	16 59	0 43	22 20	0 16	18 34	0 13	20 54	1 30	17 53	15 25	17 36	17 27	14 41	4 7	6 4
F 23	20 14	14 41	5 3	13 4	0 4	17 34	1 29	24 1	6 26	16 55	0 43	22 21	0 16	18 34	0 13	20 54	1 30	17 54	15 25	17 36	17 28	14 42	4 8	6 4
S 24	20 2	17 47	4 30	12 29	0s 6	17 12	1 29	24 7	6 28	16 51	0 43	22 21	0 16	18 33	0 13	20 54	1 30	17 54	15 25	17 37	17 29	14 44	4 9	6 4
S 25	19 50	19 45	3 40	11 54	0 16	16 50	1 30	24 14	6 31	16 47	0 43	22 22	0 16	18 33	0 13	20 54	1 30	17 55	15 26	17 37	17 30	14 46	4 9	6 4
M26	19 37	20 25	2 36	11 20	0 26	16 27	1 30	24 20	6 33	16 44	0 43	22 23	0 16	18 33	0 13	20 54	1 30	17 55	15 26	17 37	17 31	14 47	4 10	6 5
T 27	19 24	19 44	1 23	10 46	0 37	16 4	1 30	24 26	6 35	16 40	0 43	22 23	0 16	18 33	0 13	20 54	1 30	17 56	15 26	17 37	17 32	14 49	4 11	6 5
W28	19 10	17 49	0 6	10 12	0 48	15 40	1 30	24 32	6 37	16 36	0 43	22 24	0 16	18 33	0 13	20 53	1 30	17 57	15 26	17 37	17 32	14 51	4 11	6 5
T 29	18 56	14 53	1n10	9 39	0 59	15 16	1 30	24 38	6 38	16 32	0 43	22 24	0 16	18 33	0 13	20 53	1 30	17 57	15 27	17 37	17 33	14 53	4 12	6 5
F 30	18 42	11 14	2 20	9 6	1 10	14 52	1 30	24 44	6 40	16 28	0 43	22 25	0 16	18 33	0 13	20 53	1 30	17 58	15 27	17 37	17 34	14 54	4 13	6 5
S 31	18n28	7n 7	3n21	8n35	1s22	14n27	1n30	24s49	6s41	16n24	0n43	22s25	0n15	18s33	0n13	20s53	1n30	17s58	15s27	17n37	17n35	14s56	4s14	6n 5

Julian Day Number = 2383425.5, Delta T = 15.72 sec
Ecliptic obliquity = 23°27'42, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°08'10, Lahiri = 21°15'11

ASTRODIENST EPHEMERIS for the year 1813
geocentric

AUGUST 1813 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 36 50	8♌16'31	2♎35	5♍30	26♌43	7°R24	17♌20	14°R24	23°R53	12°R57	20°R22	10♌31	10♌35	28♏ 5	4°R22	S 1
M 2	20 40 47	9°13'58	15° 2	6°22	27°57	7♒ 8	17°33	14♑20	23♏53	12♐56	20♓22	10°31	10°32	28°12	4♓19	M 2
T 3	20 44 43	10°11'25	27°14	7°12	29°10	6°52	17°46	14°16	23°D53	12°55	20°21	10°31	10°29	28°18	4°16	T 3
W 4	20 48 40	11° 8'54	9♏16	7°58	0♍24	6°36	17°59	14°12	23°53	12°55	20°20	10°31	10°26	28°25	4°14	W 4
T 5	20 52 36	12° 6'23	21°11	8°40	1°37	6°20	18°12	14° 9	23°54	12°54	20°19	10°31	10°23	28°32	4°11	T 5
F 6	20 56 33	13° 3'54	3♐ 4	9°19	2°51	6° 4	18°26	14° 5	23°54	12°54	20°18	10°32	10°20	28°38	4° 8	F 6
S 7	21 0 29	14° 1'25	14°59	9°54	4° 4	5°49	18°39	14° 1	23°54	12°53	20°17	10°32	10°16	28°45	4° 6	S 7
S 8	21 4 26	14°58'57	27° 2	10°25	5°18	5°34	18°52	13°58	23°54	12°52	20°16	10°32	10°13	28°52	4° 3	S 8
M 9	21 8 22	15°56'29	9♑14	10°52	6°31	5°19	19° 5	13°55	23°54	12°52	20°15	10°33	10°10	28°59	4° 0	M 9
T 10	21 12 19	16°54'03	21°40	11°14	7°45	5° 5	19°18	13°51	23°55	12°51	20°14	10°33	10° 7	29° 5	3°57	T 10
W11	21 16 16	17°51'38	4♒20	11°31	8°58	4°51	19°31	13°48	23°55	12°51	20°13	10°R34	10° 4	29°12	3°55	W11
T 12	21 20 12	18°49'14	17°17	11°43	10°12	4°37	19°44	13°45	23°56	12°50	20°12	10°34	10° 1	29°19	3°52	T 12
F 13	21 24 9	19°46'52	0♓31	11°51	11°25	4°24	19°57	13°42	23°56	12°50	20°11	10°33	9°57	29°26	3°49	F 13
S 14	21 28 5	20°44'30	14° 0	11°R53	12°39	4°11	20°11	13°38	23°57	12°50	20°10	10°32	9°54	29°32	3°46	S 14
S 15	21 32 2	21°42'10	27°42	11°49	13°52	3°59	20°24	13°35	23°57	12°49	20° 9	10°31	9°51	29°39	3°43	S 15
M16	21 35 58	22°39'52	11♈36	11°40	15° 6	3°48	20°37	13°33	23°58	12°49	20° 8	10°30	9°48	29°46	3°40	M16
T 17	21 39 55	23°37'35	25°39	11°25	16°19	3°37	20°50	13°30	23°59	12°49	20° 7	10°28	9°45	29°52	3°38	T 17
W18	21 43 51	24°35'19	9♉48	11° 5	17°32	3°26	21° 3	13°27	24° 0	12°48	20° 6	10°27	9°41	29°59	3°35	W18
T 19	21 47 48	25°33'06	24° 1	10°39	18°46	3°17	21°16	13°24	24° 0	12°48	20° 5	10°D27	9°38	0♐ 6	3°32	T 19
F 20	21 51 45	26°30'54	8♊14	10° 7	19°59	3° 8	21°29	13°21	24° 1	12°48	20° 4	10°27	9°35	0°12	3°29	F 20
S 21	21 55 41	27°28'44	22°27	9°30	21°13	2°59	21°42	13°19	24° 2	12°48	20° 3	10°28	9°32	0°19	3°26	S 21
S 22	21 59 38	28°26'36	6♋35	8°48	22°26	2°52	21°56	13°16	24° 3	12°48	20° 1	10°29	9°29	0°26	3°23	S 22
M23	22 3 34	29°24'29	20°38	8° 2	23°39	2°45	22° 9	13°14	24° 4	12°48	20° 0	10°30	9°26	0°33	3°20	M23
T 24	22 7 31	0♍22'24	4♌31	7°12	24°53	2°39	22°22	13°12	24° 5	12°48	19°59	10°R31	9°22	0°39	3°17	T 24
W25	22 11 27	1°20'21	18°14	6°19	26° 6	2°34	22°35	13°10	24° 6	12°D48	19°58	10°31	9°19	0°46	3°14	W25
T 26	22 15 24	2°18'20	1♍43	5°25	27°19	2°29	22°48	13° 7	24° 8	12°48	19°57	10°30	9°16	0°53	3°11	T 26
F 27	22 19 20	3°16'20	14°56	4°29	28°33	2°25	23° 1	13° 5	24° 9	12°48	19°56	10°28	9°13	0°59	3° 8	F 27
S 28	22 23 17	4°14'21	27°53	3°33	29°46	2°22	23°14	13° 3	24°10	12°48	19°55	10°24	9°10	1° 6	3° 5	S 28
S 29	22 27 14	5°12'24	10♎34	2°39	0♎59	2°20	23°27	13° 1	24°11	12°48	19°53	10°20	9° 6	1°13	3° 2	S 29
M30	22 31 10	6°10'28	22°59	1°48	2°13	2°19	23°40	13° 0	24°13	12°48	19°52	10°16	9° 3	1°20	2°59	M30
T 31	22 35 7	7♍ 8'34	5♏10	1♍ 0	3♎26	2°D19	23♌53	12♑58	24♏14	12♐48	19♓51	10♌13	9♌ 0	1♐26	2♓56	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n13	2n48	4n10	8n 4	1s33	14n 2	1n30	24s54	6s42	16n20	0n43	22s26	0n15	18s33	0n13	20s53	1n30	17s59	15s28	17n37	17n36	14s58	4s15	6n 5
M 2	17 58	1s31	4 46	7 34	1 45	13 36	1 30	24 59	6 43	16 16	0 43	22 26	0 15	18 33	0 13	20 53	1 30	17 59	15 28	17 37	17 37	15 0	4 15	6 5
T 3	17 42	5 42	5 9	7 4	1 56	13 11	1 30	25 4	6 44	16 12	0 43	22 27	0 15	18 33	0 13	20 53	1 30	18 0	15 28	17 37	17 38	15 1	4 16	6 6
W 4	17 27	9 35	5 17	6 36	2 8	12 44	1 30	25 9	6 44	16 8	0 43	22 27	0 15	18 33	0 13	20 53	1 30	18 1	15 28	17 37	17 38	15 3	4 17	6 6
T 5	17 11	13 3	5 12	6 10	2 20	12 18	1 29	25 13	6 44	16 4	0 43	22 28	0 15	18 33	0 13	20 53	1 30	18 1	15 29	17 37	17 39	15 5	4 18	6 6
F 6	16 55	16 0	4 53	5 44	2 32	11 51	1 29	25 17	6 44	16 0	0 43	22 28	0 15	18 33	0 13	20 53	1 30	18 2	15 29	17 37	17 40	15 6	4 19	6 6
S 7	16 38	18 17	4 22	5 20	2 43	11 24	1 28	25 21	6 44	15 56	0 44	22 29	0 15	18 33	0 13	20 53	1 30	18 2	15 29	17 37	17 41	15 8	4 20	6 6
S 8	16 21	19 47	3 39	4 58	2 55	10 56	1 28	25 25	6 44	15 52	0 44	22 29	0 15	18 33	0 13	20 53	1 29	18 3	15 29	17 37	17 42	15 10	4 21	6 6
M 9	16 4	20 24	2 45	4 38	3 6	10 28	1 27	25 28	6 43	15 48	0 44	22 30	0 15	18 33	0 13	20 53	1 29	18 4	15 30	17 37	17 43	15 12	4 22	6 6
T 10	15 47	20 1	1 43	4 19	3 18	10 0	1 26	25 31	6 43	15 44	0 44	22 30	0 14	18 34	0 13	20 53	1 29	18 4	15 30	17 36	17 44	15 13	4 23	6 6
W11	15 30	18 38	0 34	4 2	3 28	9 32	1 25	25 34	6 42	15 40	0 44	22 30	0 14	18 34	0 13	20 53	1 29	18 5	15 30	17 36	17 44	15 15	4 23	6 6
T 12	15 12	16 15	0s37	3 48	3 39	9 3	1 24	25 36	6 41	15 36	0 44	22 31	0 14	18 34	0 13	20 53	1 29	18 5	15 30	17 36	17 45	15 17	4 24	6 6
F 13	14 54	12 59	1 48	3 36	3 49	8 34	1 23	25 38	6 40	15 32	0 44	22 31	0 14	18 34	0 13	20 53	1 29	18 6	15 30	17 36	17 46	15 18	4 25	6 6
S 14	14 36	8 59	2 55	3 26	3 58	8 5	1 22	25 40	6 38	15 28	0 44	22 32	0 14	18 34	0 13	20 53	1 29	18 6	15 31	17 37	17 47	15 20	4 26	6 6
S 15	14 17	4 28	3 52	3 20	4 7	7 36	1 21	25 41	6 37	15 24	0 44	22 32	0 14	18 34	0 13	20 53	1 29	18 7	15 31	17 37	17 48	15 22	4 27	6 6
M16	13 58	0n21	4 37	3 16	4 15	7 7	1 20	25 43	6 35	15 20	0 44	22 33	0 14	18 34	0 13	20 53	1 29	18 8	15 31	17 37	17 49	15 23	4 28	6 6
T 17	13 39	5 11	5 5	3 15	4 22	6 37	1 19	25 43	6 33	15 16	0 44	22 33	0 14	18 35	0 13	20 53	1 29	18 8	15 31	17 38	17 50	15 25	4 29	6 6
W18	13 20	9 46	5 16	3 17	4 28	6 7	1 18	25 44	6 31	15 12	0 44	22 33	0 14	18 35	0 13	20 53	1 29	18 9	15 31	17 38	17 50	15 27	4 30	6 6
T 19	13 1	13 50	5 7	3 22	4 33	5 37	1 16	25 44	6 29	15 7	0 44	22 34	0 14	18 35	0 13	20 53	1 29	18 9	15 32	17 38	17 51	15 28	4 31	6 6
F 20	12 41	17 6	4 40	3 31	4 36	5 7	1 15	25 44	6 26	15 3	0 44	22 34	0 13	18 35	0 13	20 53	1 29	18 10	15 32	17 38	17 52	15 30	4 33	6 6
S 21	12 22	19 20	3 55	3 43	4 38	4 37	1 13	25 44	6 24	14 59	0 45	22 34	0 13	18 36	0 13	20 53	1 29	18 11	15 32	17 38	17 53	15 32	4 34	6 6
S 22	12 2	20 22	2 56	3 59	4 38	4 6	1 12	25 43	6 21	14 55	0 45	22 35	0 13	18 36	0 13	20 53	1 29	18 11	15 32	17 38	17 54	15 33	4 35	6 6
M23	11 41	20 6	1 48	4 17	4 37	3 36	1 10	25 42	6 19	14 51	0 45	22 35	0 13	18 36	0 13	20 53	1 29	18 12	15 32	17 37	17 55	15 35	4 36	6 6
T 24	11 21	18 37	0 33	4 38	4 33	3 5	1 9	25 41	6 16	14 47	0 45	22 35	0 13	18 36	0 13	20 53	1 29	18 12	15 32	17 37	17 56	15 37	4 37	6 6
W25	11 1	16 3	0n42	5 3	4 28	2 34	1 7	25 39	6 13	14 42	0 45	22 36	0 13	18 37	0 13	20 53	1 29	18 13	15 33	17 37	17 56	15 38	4 38	6 6
T 26	10 40	12 39	1 54	5 29	4 21	2 4	1 5	25 37	6 10	14 38	0 45	22 36	0 13	18 37	0 13	20 53	1 28	18 14	15 33	17 37	17 57	15 40	4 39	6 6
F 27	10 19	8 41	2 58	5 58	4 12	1 33	1 3	25 35	6 7	14 34	0 45	22 36	0 13	18 37	0 13	20 53	1 28	18 14	15 33	17 38	17 58	15 42	4 40	6 6
S 28	9 58	4 23	3 51	6 28	4 1	1 2	1 1	25 33	6 4	14 30	0 45	22 37	0 13	18 38	0 13	20 54	1 28	18 15	15 33	17 39	17 59	15 43	4 41	6 6
S 29	9 37	0s 1	4 32	6 59	3 48	0 31	0 59	25 30	6 0	14 26	0 45	22 37	0 13	18 38	0 13	20 54	1 28	18 15	15 33	17 40	18 0	15 45	4 42	6 6
M30	9 15	4 18	4 59	7 31	3 34	0s 0	0 57	25 27	5 57	14 21	0 45	22 37	0 12	18 38	0 13	20 54	1 28	18 16	15 33	17 41	18 1	15 47	4 43	6 6
T 31	8n54	8s21	5n12	8n 2	3s18	0s31	0n55	25s24	5s54	14n17	0n45	22s37	0n12	18s39	0n13	20s54	1n28	18s16	15s33	17n42	18n 1	15s48	4s45	6n 6

Julian Day Number = 2383456.5, Delta T = 15.74 sec
Ecliptic obliquity = 23°27'43, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°08'14, Lahiri = 21°15'15

ASTRODIENST EPHEMERIS for the year 1813
geocentric

SEPTEMBER 1813 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 39 3	8♍ 6'42	17♏11	0°R17	4♎39	2♒19	24♌ 6	12°R56	24♏16	12♐48	19°R50	10°R10	8♌57	1♐33	2°R53	W 1
T 2	22 43 0	9° 4'51	29° 6	29♌40	5°52	2°20	24°19	12♑55	24°17	12°49	19♓49	10♌ 8	8°54	1°40	2♓50	T 2
F 3	22 46 56	10° 3'01	10♐58	29°10	7° 5	2°22	24°32	12°53	24°19	12°49	19°47	10°D 8	8°51	1°46	2°48	F 3
S 4	22 50 53	11° 1'13	22°53	28°47	8°19	2°25	24°44	12°52	24°20	12°49	19°46	10° 8	8°47	1°53	2°45	S 4
S 5	22 54 49	11°59'26	4♑55	28°32	9°32	2°29	24°57	12°51	24°22	12°49	19°45	10°10	8°44	2° 0	2°42	S 5
M 6	22 58 46	12°57'41	17° 9	28°D27	10°45	2°33	25°10	12°50	24°24	12°50	19°44	10°11	8°41	2° 7	2°39	M 6
T 7	23 2 43	13°55'58	29°40	28°29	11°58	2°38	25°23	12°49	24°26	12°50	19°43	10°13	8°38	2°13	2°36	T 7
W 8	23 6 39	14°54'16	12♒30	28°41	13°11	2°45	25°36	12°48	24°27	12°51	19°41	10°R13	8°35	2°20	2°33	W 8
T 9	23 10 36	15°52'36	25°42	29° 2	14°24	2°51	25°48	12°47	24°29	12°51	19°40	10°12	8°32	2°27	2°30	T 9
F 10	23 14 32	16°50'57	9♓15	29°32	15°37	2°59	26° 1	12°46	24°31	12°52	19°39	10° 9	8°28	2°33	2°27	F 10
S 11	23 18 29	17°49'20	23° 9	0♍11	16°50	3° 7	26°14	12°45	24°33	12°52	19°38	10° 5	8°25	2°40	2°25	S 11
S 12	23 22 25	18°47'45	7♈20	0°58	18° 3	3°17	26°26	12°45	24°35	12°53	19°37	9°59	8°22	2°47	2°22	S 12
M13	23 26 22	19°46'12	21°42	1°53	19°16	3°26	26°39	12°44	24°37	12°53	19°35	9°53	8°19	2°54	2°19	M13
T 14	23 30 18	20°44'41	6♉10	2°55	20°29	3°37	26°51	12°44	24°39	12°54	19°34	9°47	8°16	3° 0	2°16	T 14
W15	23 34 15	21°43'13	20°38	4° 4	21°42	3°48	27° 4	12°44	24°41	12°55	19°33	9°43	8°12	3° 7	2°13	W15
T 16	23 38 11	22°41'46	5♊ 1	5°20	22°55	4° 0	27°16	12°44	24°43	12°55	19°32	9°39	8° 9	3°14	2°11	T 16
F 17	23 42 8	23°40'22	19°16	6°41	24° 8	4°13	27°29	12°D43	24°46	12°56	19°30	9°D38	8° 6	3°20	2° 8	F 17
S 18	23 46 5	24°39'00	3♋20	8° 7	25°21	4°26	27°41	12°43	24°48	12°57	19°29	9°38	8° 3	3°27	2° 5	S 18
S 19	23 50 1	25°37'40	17°12	9°38	26°34	4°41	27°54	12°44	24°50	12°58	19°28	9°39	8° 0	3°34	2° 3	S 19
M20	23 53 58	26°36'23	0♌52	11°12	27°47	4°55	28° 6	12°44	24°52	12°58	19°27	9°41	7°57	3°41	2° 0	M20
T 21	23 57 54	27°35'08	14°21	12°50	29° 0	5°11	28°18	12°44	24°55	12°59	19°26	9°R41	7°53	3°47	1°58	T 21
W22	0 1 51	28°33'55	27°39	14°31	0♏12	5°27	28°30	12°45	24°57	13° 0	19°24	9°39	7°50	3°54	1°55	W22
T 23	0 5 47	29°32'44	10♍45	16°13	1°25	5°43	28°42	12°45	25° 0	13° 1	19°23	9°35	7°47	4° 1	1°52	T 23
F 24	0 9 44	0♎31'35	23°39	17°58	2°38	6° 1	28°55	12°46	25° 2	13° 2	19°22	9°29	7°44	4° 7	1°50	F 24
S 25	0 13 40	1°30'28	6♎21	19°44	3°51	6°19	29° 7	12°46	25° 5	13° 3	19°21	9°21	7°41	4°14	1°48	S 25
S 26	0 17 37	2°29'23	18°50	21°31	5° 4	6°37	29°19	12°47	25° 7	13° 4	19°20	9°11	7°37	4°21	1°45	S 26
M27	0 21 34	3°28'20	1♏ 8	23°19	6°16	6°56	29°30	12°48	25°10	13° 5	19°18	9° 1	7°34	4°27	1°43	M27
T 28	0 25 30	4°27'19	13°15	25° 7	7°29	7°16	29°42	12°49	25°13	13° 6	19°17	8°51	7°31	4°34	1°40	T 28
W29	0 29 27	5°26'20	25°14	26°55	8°42	7°36	29°54	12°50	25°15	13° 7	19°16	8°42	7°28	4°41	1°38	W29
T 30	0 33 23	6♎25'22	7♐ 6	28♍44	9♏54	7♒57	0♍ 6	12♑51	25♏18	13♐ 8	19♓15	8♌36	7♌25	4♐48	1♓36	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	8n32	12s 0	5n11	8n33	3s 2	1s 2	0n53	25s20	5s50	14n13	0n45	22s38	0n12	18s39	0n13	20s54	1n28	18s17	15s33	17n43	18n 2	15s50	4s46	6n	6
T 2	8 10	15 9	4 56	9 3	2 44	1 33	0 51	25 17	5 46	14 9	0 46	22 38	0 12	18 40	0 13	20 54	1 28	18 18	15 33	17 43	18 3	15 52	4 47	6	6
F 3	7 48	17 40	4 29	9 30	2 25	2 5	0 48	25 13	5 43	14 5	0 46	22 38	0 12	18 40	0 12	20 54	1 28	18 18	15 34	17 43	18 4	15 53	4 48	6	6
S 4	7 26	19 26	3 50	9 56	2 6	2 36	0 46	25 8	5 39	14 0	0 46	22 38	0 12	18 40	0 12	20 54	1 28	18 19	15 34	17 43	18 5	15 55	4 49	6	5
S 5	7 4	20 21	3 1	10 19	1 47	3 7	0 44	25 4	5 36	13 56	0 46	22 39	0 12	18 41	0 12	20 54	1 28	18 19	15 34	17 43	18 6	15 57	4 50	6	5
M 6	6 42	20 20	2 3	10 39	1 28	3 38	0 41	24 59	5 32	13 52	0 46	22 39	0 12	18 41	0 12	20 54	1 28	18 20	15 34	17 42	18 6	15 58	4 51	6	5
T 7	6 20	19 18	0 57	10 56	1 9	4 8	0 39	24 54	5 28	13 48	0 46	22 39	0 12	18 42	0 12	20 54	1 28	18 20	15 34	17 42	18 7	16 0	4 52	6	5
W 8	5 57	17 16	0s12	11 9	0 50	4 39	0 36	24 49	5 24	13 44	0 46	22 39	0 12	18 42	0 12	20 55	1 28	18 21	15 34	17 42	18 8	16 2	4 54	6	5
T 9	5 35	14 16	1 23	11 19	0 32	5 10	0 34	24 44	5 20	13 39	0 46	22 39	0 11	18 43	0 12	20 55	1 28	18 21	15 34	17 42	18 9	16 3	4 55	6	5
F 10	5 12	10 27	2 31	11 24	0 15	5 41	0 31	24 38	5 17	13 35	0 46	22 40	0 11	18 43	0 12	20 55	1 28	18 22	15 34	17 43	18 10	16 5	4 56	6	5
S 11	4 49	5 58	3 32	11 26	0n 1	6 11	0 28	24 33	5 13	13 31	0 47	22 40	0 11	18 44	0 12	20 55	1 28	18 22	15 34	17 44	18 11	16 6	4 57	6	4
S 12	4 26	1 5	4 21	11 24	0 16	6 41	0 26	24 27	5 9	13 27	0 47	22 40	0 11	18 44	0 12	20 55	1 28	18 23	15 34	17 46	18 11	16 8	4 58	6	4
M13	4 3	3n55	4 54	11 17	0 30	7 12	0 23	24 21	5 5	13 23	0 47	22 40	0 11	18 45	0 12	20 55	1 27	18 23	15 34	17 47	18 12	16 10	4 59	6	4
T 14	3 40	8 44	5 9	11 7	0 43	7 42	0 20	24 14	5 1	13 18	0 47	22 40	0 11	18 45	0 12	20 55	1 27	18 24	15 34	17 49	18 13	16 11	5 0	6	4
W15	3 17	13 3	5 4	10 53	0 55	8 12	0 17	24 8	4 57	13 14	0 47	22 40	0 11	18 46	0 12	20 55	1 27	18 24	15 34	17 50	18 14	16 13	5 2	6	4
T 16	2 54	16 34	4 40	10 36	1 6	8 42	0 15	24 1	4 53	13 10	0 47	22 40	0 11	18 46	0 12	20 56	1 27	18 25	15 34	17 51	18 15	16 15	5 3	6	4
F 17	2 31	19 4	3 59	10 14	1 16	9 11	0 12	23 54	4 49	13 6	0 47	22 41	0 11	18 47	0 12	20 56	1 27	18 25	15 34	17 51	18 16	16 16	5 4	6	3
S 18	2 8	20 22	3 4	9 50	1 24	9 41	0 9	23 47	4 45	13 2	0 47	22 41	0 11	18 47	0 12	20 56	1 27	18 26	15 34	17 51	18 16	16 18	5 5	6	3
S 19	1 44	20 24	1 58	9 22	1 31	10 10	0 6	23 40	4 41	12 58	0 47	22 41	0 10	18 48	0 12	20 56	1 27	18 26	15 34	17 51	18 17	16 19	5 6	6	3
M20	1 21	19 13	0 47	8 52	1 37	10 39	0 3	23 32	4 38	12 53	0 48	22 41	0 10	18 48	0 12	20 56	1 27	18 27	15 34	17 51	18 18	16 21	5 7	6	3
T 21	0 58	16 57	0n25	8 19	1 42	11 8	0s 0	23 25	4 34	12 49	0 48	22 41	0 10	18 49	0 12	20 56	1 27	18 27	15 34	17 51	18 19	16 23	5 8	6	3
W22	0 34	13 48	1 35	7 44	1 46	11 36	0 3	23 17	4 30	12 45	0 48	22 41	0 10	18 50	0 12	20 56	1 27	18 28	15 34	17 51	18 20	16 24	5 9	6	2
T 23	0 11	10 0	2 39	7 7	1 49	12 5	0 6	23 9	4 26	12 41	0 48	22 41	0 10	18 50	0 12	20 57	1 27	18 28	15 34	17 52	18 20	16 26	5 11	6	2
F 24	0s13	5 48	3 34	6 28	1 51	12 33	0 9	23 1	4 22	12 37	0 48	22 41	0 10	18 51	0 12	20 57	1 27	18 29	15 34	17 54	18 21	16 27	5 12	6	2
S 25	0 36	1 24	4 17	5 47	1 52	13 0	0 12	22 53	4 18	12 33	0 48	22 41	0 10	18 51	0 12	20 57	1 27	18 29	15 34	17 56	18 22	16 29	5 13	6	2
S 26	0 59	2s58	4 46	5 5	1 53	13 28	0 15	22 44	4 14	12 29	0 48	22 41	0 10	18 52	0 12	20 57	1 27	18 29	15 34	17 59	18 23	16 31	5 14	6	1
M27	1 23	7 9	5 2	4 22	1 52	13 55	0 19	22 36	4 11	12 25	0 49	22 41	0 10	18 53	0 12	20 57	1 27	18 30	15 34	18 1	18 24	16 32	5 15	6	1
T 28	1 46	11 0	5 4	3 38	1 51	14 22	0 22	22 27	4 7	12 21	0 49	22 41	0 10	18 53	0 12	20 58	1 27	18 30	15 34	18 4	18 25	16 34	5 16	6	1
W29	2 10	14 21	4 53	2 54	1 49	14 48	0 25	22 18	4 3	12 17	0 49	22 41	0 9	18 54	0 12	20 58	1 27	18 31	15 34	18 6	18 25	16 35	5 17	6	1
T 30	2s33	17s 6	4n28	2n 8	1n47	15s14	0s28	22s 9	3s59	12n13	0n49	22s41	0n 9	18s55	0n12	20s58	1n27	18s31	15s33	18n 8	18n26	16s37	5s18	6n	0

Julian Day Number = 2383487.5, Delta T = 15.76 sec
Ecliptic obliquity = 23°27'43, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°08'19, Lahiri = 21°15'19

ASTRODIENST EPHEMERIS for the year 1813
geocentric

OCTOBER 1813 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 37 20	7♎24'27	18♐56	0♎32	11♏ 7	8♒18	0♍18	12♑53	25♏21	13♐ 9	19°R14	8°R32	7♌22	4♐54	1°R34	F 1
S 2	0 41 16	8°23'33	0♑48	2°20	12°19	8°40	0°29	12°54	25°23	13°11	19♓13	8♌30	7°18	5° 1	1♓31	S 2
S 3	0 45 13	9°22'42	12°47	4° 8	13°32	9° 3	0°41	12°56	25°26	13°12	19°11	8°D30	7°15	5° 8	1°29	S 3
M 4	0 49 9	10°21'51	24°59	5°55	14°45	9°25	0°52	12°57	25°29	13°13	19°10	8°30	7°12	5°14	1°27	M 4
T 5	0 53 6	11°21'03	7♒29	7°41	15°57	9°49	1° 4	12°59	25°32	13°14	19° 9	8°R31	7° 9	5°21	1°25	T 5
W 6	0 57 3	12°20'17	20°21	9°27	17° 9	10°13	1°15	13° 1	25°35	13°16	19° 8	8°30	7° 6	5°28	1°23	W 6
T 7	1 0 59	13°19'32	3♓38	11°13	18°22	10°37	1°26	13° 3	25°38	13°17	19° 7	8°27	7° 3	5°35	1°21	T 7
F 8	1 4 56	14°18'49	17°23	12°57	19°34	11° 2	1°38	13° 4	25°41	13°18	19° 6	8°22	6°59	5°41	1°19	F 8
S 9	1 8 52	15°18'08	1♈34	14°41	20°47	11°27	1°49	13° 7	25°44	13°20	19° 5	8°15	6°56	5°48	1°17	S 9
S 10	1 12 49	16°17'29	16° 7	16°24	21°59	11°53	2° 0	13° 9	25°47	13°21	19° 4	8° 5	6°53	5°55	1°15	S 10
M11	1 16 45	17°16'52	0♉55	18° 7	23°11	12°19	2°11	13°11	25°50	13°22	19° 3	7°55	6°50	6° 1	1°14	M11
T 12	1 20 42	18°16'17	15°51	19°49	24°24	12°45	2°22	13°13	25°53	13°24	19° 2	7°44	6°47	6° 8	1°12	T 12
W13	1 24 38	19°15'44	0♊44	21°30	25°36	13°12	2°32	13°16	25°56	13°25	19° 1	7°35	6°43	6°15	1°10	W13
T 14	1 28 35	20°15'14	15°27	23°10	26°48	13°39	2°43	13°18	25°59	13°27	19° 0	7°29	6°40	6°21	1° 9	T 14
F 15	1 32 31	21°14'46	29°54	24°50	28° 0	14° 7	2°54	13°21	26° 3	13°28	18°59	7°25	6°37	6°28	1° 7	F 15
S 16	1 36 28	22°14'21	14♋ 1	26°29	29°12	14°34	3° 4	13°24	26° 6	13°30	18°58	7°23	6°34	6°35	1° 5	S 16
S 17	1 40 25	23°13'57	27°50	28° 8	0♐24	15° 3	3°15	13°27	26° 9	13°32	18°57	7°D23	6°31	6°42	1° 4	S 17
M18	1 44 21	24°13'36	11♌19	29°45	1°36	15°31	3°25	13°29	26°12	13°33	18°56	7°R23	6°28	6°48	1° 2	M18
T 19	1 48 18	25°13'18	24°32	1♏23	2°48	16° 0	3°36	13°32	26°16	13°35	18°55	7°22	6°24	6°55	1° 1	T 19
W20	1 52 14	26°13'01	7♍30	2°59	4° 0	16°30	3°46	13°35	26°19	13°36	18°54	7°19	6°21	7° 2	1° 0	W20
T 21	1 56 11	27°12'47	20°16	4°35	5°12	16°59	3°56	13°39	26°22	13°38	18°53	7°13	6°18	7° 8	0°58	T 21
F 22	2 0 7	28°12'34	2♎52	6°11	6°24	17°29	4° 6	13°42	26°26	13°40	18°52	7° 4	6°15	7°15	0°57	F 22
S 23	2 4 4	29°12'24	15°17	7°46	7°36	18° 0	4°16	13°45	26°29	13°42	18°51	6°52	6°12	7°22	0°56	S 23
S 24	2 8 0	0♏12'16	27°34	9°20	8°48	18°30	4°26	13°49	26°32	13°43	18°50	6°39	6° 9	7°29	0°55	S 24
M25	2 11 57	1°12'10	9♏42	10°54	10° 0	19° 1	4°36	13°52	26°36	13°45	18°49	6°24	6° 5	7°35	0°54	M25
T 26	2 15 54	2°12'06	21°42	12°27	11°11	19°32	4°45	13°56	26°39	13°47	18°48	6°10	6° 2	7°42	0°53	T 26
W27	2 19 50	3°12'04	3♐37	14° 0	12°23	20° 4	4°55	14° 0	26°43	13°49	18°48	5°57	5°59	7°49	0°52	W27
T 28	2 23 47	4°12'03	15°26	15°33	13°35	20°35	5° 4	14° 3	26°46	13°51	18°47	5°47	5°56	7°55	0°51	T 28
F 29	2 27 43	5°12'04	27°15	17° 5	14°46	21° 8	5°13	14° 7	26°50	13°52	18°46	5°40	5°53	8° 2	0°50	F 29
S 30	2 31 40	6°12'07	9♑ 5	18°36	15°58	21°40	5°23	14°11	26°53	13°54	18°45	5°35	5°49	8° 9	0°49	S 30
S 31	2 35 36	7♏12'12	21♑ 2	20♏ 7	17♐10	22♒12	5♍32	14♑15	26♏57	13♐56	18♓45	5♌33	5♌46	8♐15	0♓49	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
F 1	2s57	19s 8	3n53	1n23	1n44	15s40	0s31	22s 0	3s56	12n 9	0n49	22s41	0n 9	18s55	0n12	20s58	1n27	18s31	15s33	18n 9	18n27	16s39	5s19	6n 0
S 2	3 20	20 20	3 7	0 37	1 41	16 6	0 34	21 50	3 52	12 5	0 49	22 41	0 9	18 56	0 12	20 58	1 26	18 32	15 33	18 9	18 28	16 40	5 20	6 0
S 3	3 43	20 38	2 13	0s10	1 37	16 31	0 38	21 41	3 48	12 1	0 49	22 41	0 9	18 57	0 12	20 58	1 26	18 32	15 33	18 9	18 29	16 42	5 21	5 59
M 4	4 6	19 59	1 12	0 56	1 33	16 55	0 41	21 31	3 45	11 57	0 50	22 41	0 9	18 57	0 12	20 59	1 26	18 33	15 33	18 9	18 29	16 43	5 22	5 59
T 5	4 30	18 20	0 6	1 42	1 28	17 20	0 44	21 21	3 41	11 53	0 50	22 41	0 9	18 58	0 12	20 59	1 26	18 33	15 33	18 9	18 30	16 45	5 23	5 59
W 6	4 53	15 43	1s 3	2 29	1 23	17 44	0 47	21 11	3 38	11 49	0 50	22 41	0 9	18 59	0 12	20 59	1 26	18 33	15 33	18 9	18 31	16 46	5 24	5 59
T 7	5 16	12 12	2 10	3 15	1 18	18 7	0 50	21 1	3 34	11 45	0 50	22 41	0 9	19 0	0 12	20 59	1 26	18 34	15 33	18 10	18 32	16 48	5 25	5 58
F 8	5 39	7 55	3 11	4 0	1 13	18 30	0 53	20 51	3 31	11 41	0 50	22 41	0 9	19 0	0 12	21 0	1 26	18 34	15 33	18 11	18 33	16 50	5 26	5 58
S 9	6 2	3 6	4 3	4 46	1 7	18 52	0 57	20 41	3 27	11 37	0 50	22 40	0 9	19 1	0 12	21 0	1 26	18 34	15 32	18 13	18 33	16 51	5 27	5 58
S 10	6 25	2n 2	4 40	5 31	1 1	19 14	1 0	20 30	3 24	11 34	0 50	22 40	0 8	19 2	0 12	21 0	1 26	18 34	15 32	18 16	18 34	16 53	5 28	5 57
M11	6 48	7 7	5 0	6 16	0 55	19 36	1 3	20 19	3 20	11 30	0 51	22 40	0 8	19 3	0 12	21 0	1 26	18 35	15 32	18 19	18 35	16 54	5 29	5 57
T 12	7 10	11 49	4 59	7 0	0 49	19 57	1 6	20 9	3 17	11 26	0 51	22 40	0 8	19 3	0 12	21 0	1 26	18 35	15 32	18 21	18 36	16 56	5 30	5 57
W13	7 33	15 47	4 38	7 44	0 42	20 18	1 9	19 58	3 13	11 22	0 51	22 40	0 8	19 4	0 12	21 1	1 26	18 35	15 32	18 23	18 37	16 57	5 31	5 56
T 14	7 55	18 43	3 59	8 27	0 36	20 38	1 12	19 47	3 10	11 19	0 51	22 40	0 8	19 5	0 12	21 1	1 26	18 36	15 32	18 25	18 37	16 59	5 32	5 56
F 15	8 18	20 23	3 5	9 10	0 29	20 57	1 15	19 35	3 7	11 15	0 51	22 40	0 8	19 6	0 12	21 1	1 26	18 36	15 32	18 26	18 38	17 0	5 33	5 56
S 16	8 40	20 44	2 0	9 53	0 23	21 16	1 18	19 24	3 3	11 11	0 51	22 39	0 8	19 6	0 12	21 1	1 26	18 36	15 31	18 26	18 39	17 2	5 33	5 55
S 17	9 2	19 47	0 50	10 34	0 16	21 35	1 21	19 12	3 0	11 8	0 52	22 39	0 8	19 7	0 12	21 2	1 26	18 36	15 31	18 27	18 40	17 4	5 34	5 55
M18	9 24	17 44	0n21	11 15	0 9	21 53	1 24	19 1	2 57	11 4	0 52	22 39	0 8	19 8	0 12	21 2	1 26	18 36	15 31	18 26	18 41	17 5	5 35	5 55
T 19	9 46	14 46	1 29	11 56	0 2	22 10	1 27	18 49	2 54	11 0	0 52	22 39	0 8	19 9	0 12	21 2	1 26	18 37	15 31	18 27	18 41	17 7	5 36	5 54
W20	10 8	11 7	2 32	12 35	0s 4	22 27	1 30	18 37	2 51	10 57	0 52	22 39	0 8	19 9	0 12	21 2	1 26	18 37	15 31	18 28	18 42	17 8	5 37	5 54
T 21	10 29	7 1	3 26	13 14	0 11	22 43	1 33	18 25	2 48	10 53	0 52	22 38	0 7	19 10	0 12	21 2	1 26	18 37	15 30	18 29	18 43	17 10	5 37	5 53
F 22	10 51	2 40	4 9	13 53	0 18	22 58	1 36	18 13	2 44	10 50	0 53	22 38	0 7	19 11	0 12	21 3	1 26	18 37	15 30	18 31	18 44	17 11	5 38	5 53
S 23	11 12	1s44	4 39	14 30	0 25	23 13	1 39	18 1	2 41	10 46	0 53	22 38	0 7	19 12	0 12	21 3	1 26	18 37	15 30	18 34	18 45	17 13	5 39	5 53
S 24	11 33	6 1	4 56	15 7	0 31	23 27	1 41	17 48	2 38	10 43	0 53	22 38	0 7	19 13	0 12	21 3	1 26	18 37	15 30	18 38	18 45	17 14	5 40	5 52
M25	11 54	10 0	4 59	15 43	0 38	23 41	1 44	17 36	2 35	10 40	0 53	22 37	0 7	19 14	0 12	21 3	1 25	18 38	15 30	18 41	18 46	17 16	5 40	5 52
T 26	12 15	13 33	4 49	16 18	0 45	23 54	1 47	17 23	2 32	10 36	0 53	22 37	0 7	19 14	0 12	21 4	1 25	18 38	15 29	18 45	18 47	17 17	5 41	5 52
W27	12 36	16 32	4 26	16 52	0 51	24 6	1 49	17 10	2 29	10 33	0 53	22 37	0 7	19 15	0 12	21 4	1 25	18 38	15 29	18 48	18 48	17 19	5 42	5 51
T 28	12 56	18 50	3 52	17 26	0 58	24 18	1 52	16 57	2 27	10 30	0 54	22 36	0 7	19 16	0 12	21 4	1 25	18 38	15 29	18 51	18 48	17 20	5 42	5 51
F 29	13 16	20 18	3 8	17 59	1 4	24 29	1 54	16 44	2 24	10 26	0 54	22 36	0 7	19 17	0 12	21 4	1 25	18 38	15 29	18 52	18 49	17 22	5 43	5 50
S 30	13 36	20 54	2 15	18 30	1 10	24 39	1 57	16 31	2 21	10 23	0 54	22 36	0 7	19 18	0 12	21 5	1 25	18 38	15 28	18 54	18 50	17 23	5 44	5 50
S 31	13s56	20s34	1n16	19s 1	1s17	24s49	1s59	16s18	2s18	10n20	0n54	22s35	0n 7	19s18	0n12	21s 5	1n25	18s38	15s28	18n54	18n51	17s25	5s44	5n50

Julian Day Number = 2383517.5, Delta T = 15.78 sec
Ecliptic obliquity = 23°27'44, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°08'23, Lahiri = 21°15'23

ASTRODIENST EPHEMERIS for the year 1813
geocentric

NOVEMBER 1813 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 39 33	8♏12'18	3♒10	21♏37	18♐21	22♒45	5♑41	14♉19	27♏ 0	13♐58	18°R44	5°R33	5♌43	8♐22	0°R48	M 1
T 2	2 43 29	9°12'26	15°35	23° 8	19°32	23°18	5°50	14°23	27° 4	14° 0	18♓43	5♌33	5°40	8°29	0♓48	T 2
W 3	2 47 26	10°12'35	28°21	24°37	20°44	23°51	5°58	14°28	27° 8	14° 2	18°42	5°32	5°37	8°36	0°47	W 3
T 4	2 51 23	11°12'46	11♓35	26° 6	21°55	24°25	6° 7	14°32	27°11	14° 4	18°42	5°29	5°34	8°42	0°47	T 4
F 5	2 55 19	12°12'58	25°18	27°35	23° 6	24°59	6°15	14°36	27°15	14° 6	18°41	5°24	5°30	8°49	0°46	F 5
S 6	2 59 16	13°13'12	9♈32	29° 3	24°17	25°32	6°24	14°41	27°18	14° 8	18°40	5°16	5°27	8°56	0°46	S 6
S 7	3 3 12	14°13'27	24°13	0♐31	25°28	26° 7	6°32	14°45	27°22	14°10	18°40	5° 6	5°24	9° 2	0°45	S 7
M 8	3 7 9	15°13'44	9♉15	1°58	26°39	26°41	6°40	14°50	27°26	14°12	18°39	4°54	5°21	9° 9	0°45	M 8
T 9	3 11 5	16°14'03	24°29	3°24	27°50	27°15	6°48	14°55	27°29	14°14	18°39	4°43	5°18	9°16	0°45	T 9
W10	3 15 2	17°14'24	9♊43	4°50	29° 1	27°50	6°56	14°59	27°33	14°16	18°38	4°33	5°14	9°22	0°45	W10
T 11	3 18 58	18°14'46	24°47	6°16	0♑12	28°25	7° 4	15° 4	27°37	14°18	18°38	4°26	5°11	9°29	0°D45	T 11
F 12	3 22 55	19°15'10	9♋33	7°40	1°23	29° 0	7°12	15° 9	27°40	14°20	18°37	4°21	5° 8	9°36	0°45	F 12
S 13	3 26 52	20°15'36	23°55	9° 4	2°33	29°35	7°19	15°14	27°44	14°22	18°37	4°19	5° 5	9°43	0°45	S 13
S 14	3 30 48	21°16'04	7♌51	10°27	3°44	0♓10	7°26	15°19	27°48	14°24	18°36	4°D19	5° 2	9°49	0°45	S 14
M15	3 34 45	22°16'34	21°23	11°49	4°54	0°46	7°34	15°24	27°51	14°26	18°36	4°R19	4°59	9°56	0°45	M15
T 16	3 38 41	23°17'06	4♍32	13°10	6° 5	1°22	7°41	15°30	27°55	14°29	18°35	4°19	4°55	10° 3	0°46	T 16
W17	3 42 38	24°17'39	17°22	14°30	7°15	1°57	7°48	15°35	27°59	14°31	18°35	4°16	4°52	10° 9	0°46	W17
T 18	3 46 34	25°18'15	29°56	15°48	8°25	2°33	7°54	15°40	28° 3	14°33	18°35	4°11	4°49	10°16	0°46	T 18
F 19	3 50 31	26°18'52	12♎18	17° 5	9°35	3°10	8° 1	15°45	28° 6	14°35	18°34	4° 4	4°46	10°23	0°47	F 19
S 20	3 54 27	27°19'30	24°30	18°20	10°45	3°46	8° 8	15°51	28°10	14°37	18°34	3°53	4°43	10°29	0°47	S 20
S 21	3 58 24	28°20'10	6♏35	19°33	11°55	4°22	8°14	15°56	28°14	14°39	18°34	3°41	4°40	10°36	0°48	S 21
M22	4 2 21	29°20'52	18°34	20°44	13° 5	4°59	8°20	16° 2	28°17	14°42	18°33	3°28	4°36	10°43	0°48	M22
T 23	4 6 17	0♐21'35	0♐29	21°53	14°15	5°36	8°26	16° 8	28°21	14°44	18°33	3°15	4°33	10°49	0°49	T 23
W24	4 10 14	1°22'20	12°20	22°58	15°24	6°13	8°32	16°13	28°25	14°46	18°33	3° 4	4°30	10°56	0°50	W24
T 25	4 14 10	2°23'06	24° 9	24° 0	16°34	6°50	8°38	16°19	28°28	14°48	18°33	2°55	4°27	11° 3	0°51	T 25
F 26	4 18 7	3°23'53	5♑58	24°59	17°43	7°27	8°43	16°25	28°32	14°50	18°32	2°48	4°24	11°10	0°52	F 26
S 27	4 22 3	4°24'41	17°51	25°53	18°53	8° 4	8°49	16°31	28°36	14°53	18°32	2°45	4°20	11°16	0°53	S 27
S 28	4 26 0	5°25'30	29°49	26°42	20° 2	8°41	8°54	16°36	28°40	14°55	18°32	2°D43	4°17	11°23	0°53	S 28
M29	4 29 56	6°26'20	11♒57	27°25	21°11	9°19	8°59	16°42	28°43	14°57	18°32	2°44	4°14	11°30	0°55	M29
T 30	4 33 53	7♐27'12	24♒20	28♐ 2	22♑20	9♓56	9♍ 4	16♑48	28♏47	14♐59	18♓32	2♌45	4♌11	11♐36	0♓56	T 30

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
M 1	14s15	19s16	0n13	19s31	1s23	24s58	2s 1	16s 4	2s15	10n17	0n54	22s35	0n 6	19s19	0n12	21s 5	1n25	18s38	15s28	18n54	18n52	17s26	5s45	5n49
T 2	14 35	17 1	0s53	20 0	1 29	25 6	2 4	15 51	2 12	10 14	0 55	22 35	0 6	19 20	0 12	21 6	1 25	18 38	15 28	18 54	18 52	17 28	5 45	5 49
W 3	14 54	13 54	1 58	20 28	1 34	25 14	2 6	15 37	2 10	10 11	0 55	22 34	0 6	19 21	0 12	21 6	1 25	18 38	15 27	18 54	18 53	17 29	5 46	5 49
T 4	15 12	9 58	2 58	20 55	1 40	25 21	2 8	15 24	2 7	10 8	0 55	22 34	0 6	19 22	0 11	21 6	1 25	18 38	15 27	18 55	18 54	17 31	5 47	5 48
F 5	15 31	5 24	3 51	21 21	1 45	25 27	2 10	15 10	2 4	10 5	0 55	22 34	0 6	19 23	0 11	21 6	1 25	18 38	15 27	18 56	18 55	17 32	5 47	5 48
S 6	15 49	0 23	4 31	21 46	1 50	25 32	2 12	14 56	2 2	10 2	0 55	22 33	0 6	19 23	0 11	21 7	1 25	18 38	15 27	18 58	18 55	17 34	5 48	5 47
S 7	16 7	4n49	4 55	22 10	1 55	25 37	2 14	14 42	1 59	9 59	0 56	22 33	0 6	19 24	0 11	21 7	1 25	18 38	15 26	19 1	18 56	17 35	5 48	5 47
M 8	16 25	9 51	5 0	22 32	2 0	25 41	2 16	14 27	1 57	9 56	0 56	22 32	0 6	19 25	0 11	21 7	1 25	18 38	15 26	19 3	18 57	17 37	5 48	5 47
T 9	16 43	14 20	4 43	22 54	2 5	25 44	2 18	14 13	1 54	9 53	0 56	22 32	0 6	19 26	0 11	21 7	1 25	18 38	15 26	19 6	18 58	17 38	5 49	5 46
W10	17 0	17 52	4 7	23 14	2 9	25 47	2 19	13 59	1 51	9 51	0 56	22 31	0 6	19 27	0 11	21 8	1 25	18 38	15 25	19 8	18 59	17 40	5 49	5 46
T 11	17 17	20 9	3 13	23 33	2 13	25 49	2 21	13 44	1 49	9 48	0 57	22 31	0 6	19 28	0 11	21 8	1 25	18 38	15 25	19 10	18 59	17 41	5 50	5 45
F 12	17 33	21 0	2 7	23 51	2 17	25 50	2 22	13 30	1 46	9 45	0 57	22 30	0 6	19 28	0 11	21 8	1 25	18 38	15 25	19 11	19 0	17 43	5 50	5 45
S 13	17 50	20 27	0 55	24 8	2 20	25 50	2 24	13 15	1 44	9 43	0 57	22 30	0 5	19 29	0 11	21 8	1 25	18 38	15 25	19 12	19 1	17 44	5 50	5 45
S 14	18 6	18 37	0n19	24 24	2 23	25 50	2 25	13 0	1 42	9 40	0 57	22 30	0 5	19 30	0 11	21 9	1 25	18 38	15 24	19 12	19 2	17 46	5 51	5 44
M15	18 21	15 48	1 29	24 38	2 26	25 49	2 26	12 45	1 39	9 38	0 57	22 29	0 5	19 31	0 11	21 9	1 25	18 38	15 24	19 12	19 2	17 47	5 51	5 44
T 16	18 37	12 14	2 33	24 51	2 28	25 47	2 28	12 31	1 37	9 35	0 58	22 28	0 5	19 32	0 11	21 9	1 25	18 38	15 24	19 12	19 3	17 49	5 51	5 43
W17	18 52	8 11	3 27	25 2	2 30	25 44	2 29	12 16	1 35	9 33	0 58	22 28	0 5	19 33	0 11	21 9	1 25	18 38	15 23	19 13	19 4	17 50	5 52	5 43
T 18	19 6	3 51	4 11	25 13	2 31	25 41	2 30	12 0	1 32	9 31	0 58	22 27	0 5	19 34	0 11	21 10	1 25	18 38	15 23	19 14	19 5	17 51	5 52	5 43
F 19	19 21	0s33	4 41	25 21	2 32	25 37	2 30	11 45	1 30	9 28	0 58	22 27	0 5	19 34	0 11	21 10	1 25	18 37	15 23	19 16	19 5	17 53	5 52	5 42
S 20	19 35	4 53	4 58	25 29	2 32	25 32	2 31	11 30	1 28	9 26	0 59	22 26	0 5	19 35	0 11	21 10	1 25	18 37	15 22	19 18	19 6	17 54	5 52	5 42
S 21	19 48	8 58	5 2	25 34	2 32	25 27	2 32	11 14	1 25	9 24	0 59	22 26	0 5	19 36	0 11	21 11	1 25	18 37	15 22	19 21	19 7	17 56	5 52	5 41
M22	20 2	12 41	4 52	25 39	2 31	25 21	2 32	10 59	1 23	9 22	0 59	22 25	0 5	19 37	0 11	21 11	1 25	18 37	15 22	19 24	19 8	17 57	5 53	5 41
T 23	20 15	15 53	4 29	25 42	2 29	25 14	2 33	10 43	1 21	9 20	0 59	22 25	0 5	19 38	0 11	21 11	1 25	18 37	15 21	19 27	19 9	17 59	5 53	5 41
W24	20 27	18 24	3 55	25 43	2 27	25 6	2 33	10 28	1 19	9 18	1 0	22 24	0 5	19 39	0 11	21 11	1 25	18 37	15 21	19 29	19 9	18 0	5 53	5 40
T 25	20 39	20 9	3 11	25 43	2 24	24 58	2 33	10 12	1 17	9 16	1 0	22 23	0 5	19 39	0 11	21 12	1 25	18 36	15 21	19 32	19 10	18 2	5 53	5 40
F 26	20 51	21 2	2 18	25 41	2 20	24 49	2 33	9 56	1 15	9 14	1 0	22 23	0 4	19 40	0 11	21 12	1 25	18 36	15 20	19 33	19 11	18 3	5 53	5 39
S 27	21 3	20 58	1 19	25 38	2 15	24 40	2 33	9 41	1 13	9 12	1 0	22 22	0 4	19 41	0 11	21 12	1 25	18 36	15 20	19 34	19 12	18 4	5 53	5 39
S 28	21 14	19 57	0 16	25 34	2 8	24 30	2 33	9 25	1 11	9 11	1 1	22 21	0 4	19 42	0 11	21 12	1 25	18 36	15 20	19 34	19 12	18 6	5 53	5 39
M29	21 24	18 1	0s49	25 28	2 1	24 19	2 33	9 9	1 8	9 9	1 1	22 21	0 4	19 43	0 11	21 13	1 25	18 35	15 20	19 34	19 13	18 7	5 53	5 38
T 30	21s34	15s12	1s53	25s20	1s53	24s 7	2s33	8s53	1s 6	9n 7	1n 1	22s20	0n 4	19s43	0n11	21s13	1n25	18s35	15s19	19n34	19n14	18s 9	5s53	5n38

Julian Day Number = 2383548.5, Delta T = 15.80 sec
Ecliptic obliquity = 23°27'43, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°08'27, Lahiri = 21°15'28

ASTRODIENST EPHEMERIS for the year 1813
geocentric

DECEMBER 1813 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 37 50	8♐28'03	7♓ 2	28♐32	23♑28	10♓34	9♍ 9	16♑54	28♏51	15♐ 2	18°R32	2°R45	4♌ 8	11♐43	0♓57	W 1
T 2	4 41 46	9°28'56	20° 8	28°54	24°37	11°12	9°13	17° 1	28°54	15° 4	18♓32	2♌45	4° 5	11°50	0°58	T 2
F 3	4 45 43	10°29'50	3♈42	29° 8	25°45	11°50	9°18	17° 7	28°58	15° 6	18°D32	2°42	4° 1	11°56	0°59	F 3
S 4	4 49 39	11°30'44	17°45	29°R12	26°54	12°28	9°22	17°13	29° 2	15° 8	18°32	2°37	3°58	12° 3	1° 1	S 4
S 5	4 53 36	12°31'39	2♉17	29° 5	28° 2	13° 6	9°26	17°19	29° 5	15°11	18°32	2°31	3°55	12°10	1° 2	S 5
M 6	4 57 32	13°32'35	17°14	28°47	29°10	13°44	9°30	17°25	29° 9	15°13	18°32	2°23	3°52	12°17	1° 4	M 6
T 7	5 1 29	14°33'31	2♊27	28°18	0♒17	14°22	9°33	17°32	29°13	15°15	18°32	2°16	3°49	12°23	1° 5	T 7
W 8	5 5 25	15°34'29	17°47	27°38	1°25	15° 0	9°37	17°38	29°16	15°18	18°32	2° 9	3°46	12°30	1° 7	W 8
T 9	5 9 22	16°35'27	3♋ 3	26°47	2°32	15°39	9°40	17°44	29°20	15°20	18°32	2° 4	3°42	12°37	1° 8	T 9
F 10	5 13 19	17°36'27	18° 3	25°45	3°40	16°17	9°44	17°51	29°23	15°22	18°32	2° 1	3°39	12°43	1°10	F 10
S 11	5 17 15	18°37'27	2♌41	24°35	4°47	16°56	9°47	17°57	29°27	15°24	18°33	2°D 0	3°36	12°50	1°12	S 11
S 12	5 21 12	19°38'29	16°51	23°18	5°53	17°34	9°49	18° 4	29°30	15°27	18°33	2° 1	3°33	12°57	1°13	S 12
M13	5 25 8	20°39'31	0♍34	21°56	7° 0	18°13	9°52	18°10	29°34	15°29	18°33	2° 2	3°30	13° 3	1°15	M13
T 14	5 29 5	21°40'34	13°50	20°33	8° 6	18°52	9°54	18°17	29°37	15°31	18°33	2° 3	3°26	13°10	1°17	T 14
W15	5 33 1	22°41'38	26°42	19°12	9°13	19°30	9°57	18°24	29°41	15°33	18°34	2°R 4	3°23	13°17	1°19	W15
T 16	5 36 58	23°42'43	9♎15	17°54	10°18	20° 9	9°59	18°30	29°44	15°36	18°34	2° 2	3°20	13°23	1°21	T 16
F 17	5 40 54	24°43'49	21°32	16°42	11°24	20°48	10° 1	18°37	29°48	15°38	18°34	1°59	3°17	13°30	1°23	F 17
S 18	5 44 51	25°44'56	3♏38	15°38	12°30	21°27	10° 2	18°44	29°51	15°40	18°35	1°54	3°14	13°37	1°25	S 18
S 19	5 48 48	26°46'04	15°35	14°45	13°35	22° 6	10° 4	18°50	29°55	15°42	18°35	1°48	3°11	13°44	1°27	S 19
M20	5 52 44	27°47'12	27°28	14° 1	14°40	22°45	10° 5	18°57	29°58	15°45	18°35	1°42	3° 7	13°50	1°30	M20
T 21	5 56 41	28°48'21	9♐18	13°29	15°44	23°24	10° 6	19° 4	0♐ 2	15°47	18°36	1°35	3° 4	13°57	1°32	T 21
W22	6 0 37	29°49'30	21° 8	13° 7	16°49	24° 4	10° 7	19°11	0° 5	15°49	18°36	1°29	3° 1	14° 4	1°34	W22
T 23	6 4 34	0♑50'40	3♑ 0	12°55	17°53	24°43	10° 8	19°18	0° 8	15°51	18°37	1°25	2°58	14°10	1°37	T 23
F 24	6 8 30	1°51'50	14°55	12°D54	18°57	25°22	10° 8	19°25	0°12	15°53	18°37	1°22	2°55	14°17	1°39	F 24
S 25	6 12 27	2°53'00	26°55	13° 2	20° 0	26° 2	10° 9	19°32	0°15	15°56	18°38	1°D20	2°52	14°24	1°41	S 25
S 26	6 16 24	3°54'11	9♒ 2	13°18	21° 3	26°41	10°R 9	19°38	0°18	15°58	18°38	1°21	2°48	14°30	1°44	S 26
M27	6 20 20	4°55'21	21°18	13°42	22° 6	27°20	10° 9	19°45	0°21	16° 0	18°39	1°22	2°45	14°37	1°47	M27
T 28	6 24 17	5°56'32	3♓48	14°13	23° 9	28° 0	10° 9	19°52	0°25	16° 2	18°40	1°24	2°42	14°44	1°49	T 28
W29	6 28 13	6°57'42	16°33	14°51	24°11	28°39	10° 8	19°59	0°28	16° 4	18°40	1°25	2°39	14°50	1°52	W29
T 30	6 32 10	7°58'52	29°38	15°34	25°12	29°19	10° 8	20° 6	0°31	16° 6	18°41	1°26	2°36	14°57	1°54	T 30
F 31	6 36 6	9♑ 0'02	13♈ 4	16♐22	26♒14	29♓59	10♍ 7	20♑13	0♐34	16♐ 9	18♓41	1°R26	2♌32	15♐ 4	1♓57	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s44	11s37	2s54	25s11	1s43	23s55	2s32	8s36	1s 4	9n 6	1n 1	22s19	0n 4	19s44	0n11	21s13	1n25	18s35	15s19	19n34	19n15	18s10	5s53	5n37
T 2	21 54	7 23	3 47	25 0	1 32	23 42	2 32	8 20	1 3	9 4	1 2	22 19	0 4	19 45	0 11	21 13	1 25	18 35	15 19	19 34	19 15	18 11	5 53	5 37
F 3	22 3	2 39	4 29	24 48	1 20	23 29	2 31	8 4	1 1	9 3	1 2	22 18	0 4	19 46	0 11	21 14	1 25	18 34	15 18	19 34	19 16	18 13	5 53	5 37
S 4	22 11	2n24	4 57	24 34	1 6	23 15	2 30	7 48	0 59	9 2	1 2	22 17	0 4	19 47	0 11	21 14	1 25	18 34	15 18	19 36	19 17	18 14	5 53	5 36
S 5	22 19	7 28	5 7	24 19	0 51	23 0	2 29	7 31	0 57	9 0	1 2	22 17	0 4	19 47	0 11	21 14	1 25	18 34	15 18	19 37	19 18	18 16	5 53	5 36
M 6	22 27	12 14	4 57	24 2	0 35	22 45	2 28	7 15	0 55	8 59	1 3	22 16	0 4	19 48	0 11	21 14	1 25	18 33	15 17	19 39	19 18	18 17	5 52	5 36
T 7	22 34	16 19	4 26	23 44	0 17	22 30	2 27	6 59	0 53	8 58	1 3	22 15	0 4	19 49	0 11	21 15	1 25	18 33	15 17	19 40	19 19	18 18	5 52	5 35
W 8	22 41	19 19	3 36	23 25	0n 2	22 13	2 25	6 42	0 51	8 57	1 3	22 14	0 3	19 50	0 11	21 15	1 24	18 33	15 17	19 42	19 20	18 20	5 52	5 35
T 9	22 47	20 56	2 30	23 4	0 21	21 56	2 24	6 25	0 49	8 56	1 3	22 14	0 3	19 51	0 11	21 15	1 24	18 32	15 16	19 43	19 21	18 21	5 52	5 34
F 10	22 53	21 0	1 15	22 42	0 42	21 39	2 22	6 9	0 48	8 55	1 4	22 13	0 3	19 51	0 11	21 15	1 24	18 32	15 16	19 44	19 21	18 23	5 52	5 34
S 11	22 58	19 38	0n 4	22 19	1 2	21 21	2 20	5 52	0 46	8 54	1 4	22 12	0 3	19 52	0 11	21 16	1 24	18 31	15 16	19 44	19 22	18 24	5 51	5 34
S 12	23 3	17 4	1 20	21 56	1 22	21 3	2 18	5 36	0 44	8 53	1 4	22 11	0 3	19 53	0 11	21 16	1 24	18 31	15 15	19 44	19 23	18 25	5 51	5 33
M13	23 8	13 36	2 29	21 33	1 41	20 44	2 16	5 19	0 42	8 52	1 5	22 11	0 3	19 54	0 11	21 16	1 24	18 31	15 15	19 43	19 24	18 27	5 51	5 33
T 14	23 12	9 33	3 28	21 10	1 58	20 25	2 14	5 2	0 41	8 52	1 5	22 10	0 3	19 54	0 11	21 16	1 24	18 30	15 15	19 43	19 24	18 28	5 50	5 33
W15	23 16	5 12	4 14	20 48	2 14	20 5	2 11	4 45	0 39	8 51	1 5	22 9	0 3	19 55	0 11	21 17	1 24	18 30	15 14	19 43	19 25	18 30	5 50	5 32
T 16	23 19	0 44	4 47	20 28	2 27	19 45	2 9	4 29	0 37	8 51	1 5	22 8	0 3	19 56	0 11	21 17	1 24	18 29	15 14	19 43	19 26	18 31	5 50	5 32
F 17	23 21	3s40	5 6	20 10	2 39	19 24	2 6	4 12	0 36	8 50	1 6	22 7	0 3	19 57	0 11	21 17	1 24	18 29	15 14	19 44	19 26	18 32	5 49	5 32
S 18	23 24	7 52	5 11	19 55	2 48	19 3	2 3	3 55	0 34	8 50	1 6	22 6	0 3	19 57	0 11	21 17	1 24	18 29	15 13	19 45	19 27	18 34	5 49	5 31
S 19	23 25	11 42	5 2	19 42	2 54	18 41	2 0	3 38	0 32	8 49	1 6	22 6	0 3	19 58	0 11	21 18	1 24	18 28	15 13	19 47	19 28	18 35	5 49	5 31
M20	23 27	15 4	4 40	19 33	2 58	18 19	1 57	3 21	0 31	8 49	1 6	22 5	0 3	19 59	0 11	21 18	1 24	18 28	15 13	19 48	19 29	18 36	5 48	5 31
T 21	23 27	17 48	4 7	19 27	3 1	17 57	1 54	3 4	0 29	8 49	1 7	22 4	0 3	20 0	0 11	21 18	1 24	18 27	15 12	19 50	19 29	18 38	5 48	5 30
W22	23 28	19 48	3 22	19 24	3 1	17 34	1 51	2 47	0 28	8 49	1 7	22 3	0 2	20 0	0 11	21 18	1 24	18 27	15 12	19 51	19 30	18 39	5 47	5 30
T 23	23 28	20 57	2 29	19 24	3 0	17 11	1 47	2 30	0 26	8 49	1 7	22 2	0 2	20 1	0 11	21 19	1 24	18 26	15 12	19 52	19 31	18 40	5 47	5 29
F 24	23 27	21 9	1 29	19 27	2 57	16 48	1 43	2 13	0 25	8 49	1 8	22 1	0 2	20 2	0 11	21 19	1 24	18 26	15 11	19 53	19 32	18 42	5 46	5 29
S 25	23 26	20 24	0 24	19 32	2 53	16 24	1 39	1 56	0 23	8 49	1 8	22 0	0 2	20 2	0 11	21 19	1 25	18 25	15 11	19 53	19 32	18 43	5 46	5 29
S 26	23 24	18 42	0s42	19 39	2 48	16 0	1 35	1 39	0 22	8 49	1 8	21 59	0 2	20 3	0 11	21 19	1 25	18 25	15 11	19 53	19 33	18 44	5 45	5 29
M27	23 22	16 7	1 48	19 48	2 42	15 35	1 31	1 22	0 20	8 50	1 8	21 58	0 2	20 4	0 11	21 19	1 25	18 24	15 10	19 52	19 34	18 46	5 44	5 28
T 28	23 20	12 45	2 49	19 58	2 35	15 11	1 27	1 5	0 19	8 50	1 9	21 57	0 2	20 5	0 11	21 20	1 25	18 24	15 10	19 52	19 34	18 47	5 44	5 28
W29	23 17	8 45	3 44	20 9	2 28	14 46	1 22	0 48	0 18	8 50	1 9	21 56	0 2	20 5	0 11	21 20	1 25	18 23	15 10	19 52	19 35	18 48	5 43	5 28
T 30	23 13	4 15	4 28	20 22	2 20	14 21	1 17	0 31	0 16	8 51	1 9	21 55	0 2	20 6	0 11	21 20	1 25	18 23	15 9	19 51	19 36	18 50	5 42	5 27
F 31	23s 9	0n34	5s 0	20s35	2n12	13s55	1s13	0s14	0s15	8n51	1n 9	21s54	0n 2	20s 6	0n11	21s20	1n25	18s22	15s 9	19n51	19n37	18s51	5s42	5n27

Julian Day Number = 2383578.5, Delta T = 15.83 sec
Ecliptic obliquity = 23°27'43, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°08'31, Lahiri = 21°15'32