



Astrodienst Ephemeris Tables for the year 1810

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 1810
geocentric

JANUARY 1810

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	6 39 57	9♂59°40	5♂♂33	10♂♂47	22♂♂15	21♂♂36	15♂♂45	10♂♂10	13♂♂16	7♂♂46	13♂♂57	20♂♂R29	19♂♂♂52	2♂♂♂14	13♂♂♂43	M 1
T 2	6 43 53	11° 0'51	19°45	12°25	23°31	22°23	15°49	10°16	13°18	7°48	13°58	20♂♂♂27	19°48	2°21	13°47	T 2
W 3	6 47 50	12° 2'02	4♂♂24	14° 2	24°46	23°10	15°54	10°23	13°21	7°50	13°59	20°21	19°45	2°28	13°51	W 3
T 4	6 51 46	13° 3'13	19°25	15°40	26° 1	23°57	15°59	10°29	13°23	7°52	14° 0	20°13	19°42	2°34	13°55	T 4
F 5	6 55 43	14° 4'24	4♂♂42	17°19	27°16	24°43	16° 4	10°35	13°26	7°54	14° 1	20° 3	19°39	2°41	13°59	F 5
S 6	6 59 40	15° 5'35	20° 2	18°57	28°32	25°30	16° 9	10°42	13°28	7°56	14° 2	19°51	19°36	2°48	14° 3	S 6
S 7	7 3 36	16° 6'46	5♂♂15	20°37	29°47	26°17	16°14	10°48	13°30	7°58	14° 3	19°39	19°33	2°55	14° 7	S 7
M 8	7 7 33	17° 7'57	20° 9	22°16	1♂♂ 2	27° 4	16°20	10°54	13°32	8° 0	14° 4	19°29	19°29	3° 1	14°11	M 8
T 9	7 11 29	18° 9'06	4♂♂37	23°56	2°18	27°51	16°26	11° 0	13°34	8° 1	14° 5	19°21	19°26	3° 8	14°16	T 9
W10	7 15 26	19°10'16	18°35	25°36	3°33	28°38	16°31	11° 6	13°36	8° 3	14° 6	19°16	19°23	3°15	14°20	W10
T 11	7 19 22	20°11'24	2♂♂ 3	27°17	4°48	29°25	16°37	11°12	13°38	8° 5	14° 7	19°14	19°20	3°21	14°24	T 11
F 12	7 23 19	21°12'32	15° 3	28°58	6° 3	0♂♂12	16°44	11°18	13°40	8° 7	14° 8	19°14	19°17	3°28	14°28	F 12
S 13	7 27 15	22°13'39	27°39	0♂♂39	7°19	0°58	16°50	11°24	13°42	8° 9	14° 9	19°13	19°13	3°35	14°33	S 13
S 14	7 31 12	23°14'46	9♂♂57	2°20	8°34	1°45	16°57	11°30	13°44	8°10	14°10	19°13	19°10	3°42	14°37	S 14
M15	7 35 9	24°15'52	22° 1	4° 2	9°49	2°32	17° 3	11°36	13°46	8°12	14°11	19°10	19° 7	3°48	14°41	M15
T 16	7 39 5	25°16'57	3♂♂57	5°43	11° 4	3°19	17°10	11°42	13°48	8°14	14°12	19° 5	19° 4	3°55	14°45	T 16
W17	7 43 2	26°18'01	15°49	7°25	12°20	4° 6	17°17	11°48	13°50	8°15	14°13	18°57	19° 1	4° 2	14°50	W17
T 18	7 46 58	27°19'04	27°39	9° 6	13°35	4°52	17°25	11°53	13°51	8°17	14°14	18°45	18°58	4° 8	14°54	T 18
F 19	7 50 55	28°20'07	9♂♂31	10°47	14°50	5°39	17°32	11°59	13°53	8°19	14°15	18°32	18°54	4°15	14°59	F 19
S 20	7 54 51	29°21'09	21°27	12°28	16° 6	6°26	17°40	12° 5	13°54	8°20	14°17	18°18	18°51	4°22	15° 3	S 20
S 21	7 58 48	0♂♂22°10	3♂♂27	14° 7	17°21	7°13	17°47	12°10	13°56	8°22	14°18	18° 3	18°48	4°29	15° 7	S 21
M22	8 2 44	1°23'10	15°33	15°46	18°36	7°59	17°55	12°16	13°57	8°23	14°19	17°49	18°45	4°35	15°12	M22
T 23	8 6 41	2°24'10	27°46	17°24	19°51	8°46	18° 3	12°21	13°59	8°25	14°20	17°38	18°42	4°42	15°16	T 23
W24	8 10 38	3°25'09	10♂♂ 7	19° 0	21° 7	9°33	18°11	12°26	14° 0	8°26	14°21	17°30	18°39	4°49	15°21	W24
T 25	8 14 34	4°26'07	22°37	20°34	22°22	10°19	18°20	12°32	14° 2	8°28	14°23	17°24	18°35	4°55	15°25	T 25
F 26	8 18 31	5°27'04	5♂♂20	22° 5	23°37	11° 6	18°28	12°37	14° 3	8°29	14°24	17°22	18°32	5° 2	15°30	F 26
S 27	8 22 27	6°28'01	18°17	23°34	24°52	11°53	18°37	12°42	14° 4	8°31	14°25	17°D21	18°29	5° 9	15°34	S 27
S 28	8 26 24	7°28'57	1♂♂32	24°59	26° 8	12°39	18°45	12°47	14° 5	8°32	14°27	17°R22	18°26	5°16	15°38	S 28
M29	8 30 20	8°29'52	15° 7	26°20	27°23	13°26	18°54	12°52	14° 6	8°34	14°28	17°21	18°23	5°22	15°43	M29
T 30	8 34 17	9°30'47	29° 5	27°36	28°38	14°12	19° 3	12°57	14° 7	8°35	14°29	17°20	18°19	5°29	15°47	T 30
W31	8 38 13	10°33'41	13♂♂26	28°46	29♂♂53	14♂♂59	19♂♂12	13♂♂ 2	14♂♂ 8	8♂♂36	14♂♂31	17♂♂♂16	18♂♂♂16	5♂♂♂36	15°52	W31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat
M 1	23s 5	12s 9	1n19	24s52	1s51	22s47	0n27	15s22	1s 7	5n 0	1s18	20s23	1n37	15s27	0n24	20s 6
T 2	23 0	15 19	2 28	24 46	1 54	22 53	0 25	15 7	1 6	5 2	1 18	20 24	1 37	15 28	0 24	20 6
W 3	22 55	17 36	3 30	24 39	1 57	22 59	0 22	14 51	1 6	5 4	1 17	20 25	1 37	15 29	0 24	20 6
T 4	22 49	18 45	4 18	24 31	1 59	23 4	0 20	14 35	1 5	5 7	1 17	20 26	1 37	15 29	0 24	20 7
F 5	22 43	18 33	4 50	24 21	2 1	23 9	0 17	14 18	1 5	5 9	1 17	20 27	1 37	15 30	0 24	20 7
S 6	22 36	17 1	5 0	24 9	2 3	23 13	0 15	14 2	1 4	5 11	1 16	20 28	1 37	15 31	0 24	20 7
S 7	22 29	14 18	4 49	23 56	2 5	23 16	0 12	13 46	1 3	5 13	1 16	20 29	1 37	15 31	0 24	20 7
M 8	22 22	10 41	4 19	23 41	2 6	23 18	0 10	13 29	1 3	5 16	1 16	20 30	1 37	15 32	0 24	20 8
T 9	22 14	6 32	3 32	23 25	2 6	23 19	0 7	13 12	1 2	5 18	1 15	20 30	1 37	15 33	0 24	20 8
W10	22 5	2 9	2 34	23 7	2 7	23 20	0 4	12 55	1 1	5 21	1 15	20 31	1 37	15 33	0 24	20 8
T 11	21 57	2n11	1 30	22 47	2 6	23 20	0 2	12 38	1 1	5 23	1 15	20 32	1 37	15 34	0 24	20 9
F 12	21 47	6 16	0 22	22 26	2 6	23 20	0s 1	12 21	1 0	5 26	1 15	20 33	1 38	15 34	0 24	20 9
S 13	21 38	9 57	0s44	22 4	2 5	23 19	0 3	12 4	1 0	5 29	1 14	20 34	1 38	15 35	0 24	20 9
S 14	21 27	13 7	1 47	21 39	2 3	23 17	0 6	11 47	0 59	5 31	1 14	20 34	1 38	15 35	0 24	20 9
M15	21 17	15 39	2 44	21 13	2 1	23 14	0 8	11 29	0 58	5 34	1 14	20 35	1 38	15 36	0 24	20 10
T 16	21 6	17 28	3 33	20 46	1 58	23 10	0 11	11 12	0 58	5 37	1 13	20 36	1 38	15 36	0 24	20 10
W17	20 55	18 32	4 12	20 17	1 55	23 6	0 13	10 54	0 57	5 40	1 13	20 36	1 38	15 37	0 24	20 10
T 18	20 43	18 46	4 40	19 47	1 51	23 1	0 15	10 36	0 56	5 43	1 13	20 37	1 38	15 37	0 24	20 10
F 19	20 31	18 12	4 56	19 15	1 46	22 56	0 18	10 19	0 56	5 46	1 13	20 38	1 38	15 38	0 24	20 10
S 20	20 18	16 49	4 59	18 42	1 41	22 50	0 20	10 1	0 55	5 49	1 12	20 38	1 38	15 38	0 24	20 11
S 21	20 5	14 43	4 49	18 7	1 35	22 43	0 23	9 43	0 54	5 52	1 12	20 39	1 38	15 39	0 24	20 11
M22	19 52	11 57	4 26	17 32	1 28	22 35	0 25	9 25	0 54	5 56	1 12	20 40	1 38	15 39	0 24	20 11
T 23	19 39	8 39	3 50	16 55	1 21	22 27	0 27	9 6	0 53	5 59	1 12	20 40	1 38	15 40	0 24	20 11
W24	19 25	4 57	3 4	16 18	1 13	22 17	0 30	8 48	0 52	6 2	1 11	20 41	1 38	15 40	0 24	20 11
T 25	19 10	0 59	2 7	15 39	1 4	22 8	0 32	8 30	0 52	6 6	1 11	20 42	1 38	15 40	0 24	20 12
F 26	18 55	3s 5	1 3	15 0	0 54	21 57	0 34	8 12	0 51	6 9	1 11	20 42	1 38	15 41	0 24	20 12
S 27	18 40	7 6	0n 5	14 21	0 43	21 46	0 36	7 53	0 50	6 13	1 11	20 43	1 38	15 41	0 24	20 12
S 28	18 25	10 51	1 15	13 42	0 31	21 35	0 39	7 35	0 50	6 16	1 10	20 43	1 39	15 42	0 24	20 12
M29	18 9	14 7	2 22	13 3	0 19	21 22	0 41	7 16	0 49	6 20	1 10	20 44	1 39	15 42	0 24	20 12
T 30	17 53	16 41	3 23	12 24	0 6	21 9	0 43	6 58	0 48	6 23	1 10	20 45	1 39	15 42	0 24	20 13
W31	17s37	18s16	4n12	11s47	0n 8	20s55	0s45	6s39	0s47	6n27	1s10	20s45	1n39	15s42	0n25	20s13

Julian Day Number = 2382148.5, Delta T = 15.16 sec
Ecliptic obliquity = 23°27'41, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°05'14, Lahiri = 21°12'15

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geocentric

FEBRUARY 1810

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	8 42 10	11 ³² 34	28 ²⁷ 8	29 ²² 50	1 ²² 8	15 ¹⁴ 45	19 ¹⁷ 22	13 ²⁷ 7	14 ¹⁸ 9	8 ²⁷ 37	14 ¹⁴ 32	17 ¹⁷ R10	18 ²² 13	5 ²² 43	15 ²² 56	T 1
F 2	8 46 7	12 ³³ 26	13 ²⁸ 6	0 ¹⁴ 47	2 ²² 24	16 ³²	19 ³¹	13 ¹²	14 ¹⁰	8 ³⁹	14 ³³	17 ²¹ 1	18 ¹⁰	5 ⁴⁹	16 ¹	F 2
S 3	8 50 3	13 ³⁴ 18	28 ¹¹	1 ³⁷	3 ³⁹	17 ¹⁸	19 ⁴⁰	13 ¹⁶	14 ¹¹	8 ⁴⁰	14 ³⁵	16 ⁵¹	18 ⁷	5 ⁵⁶	16 ⁵	S 3
S 4	8 54 0	14 ³⁵ 08	13 ²² 13	2 ¹⁷	4 ⁵⁴	18 ⁵	19 ⁵⁰	13 ²¹	14 ¹²	8 ⁴¹	14 ³⁶	16 ⁴¹	18 ⁴	6 ³	16 ¹⁰	S 4
M 5	8 57 56	15 ³⁵ 57	28 ³	2 ⁴⁸	6 ⁹	18 ⁵¹	20 ⁰	13 ²⁵	14 ¹³	8 ⁴²	14 ³⁷	16 ³²	18 ⁰	6 ⁹	16 ¹⁵	M 5
T 6	9 1 53	16 ³⁶ 44	12 ¹⁴ 32	3 ¹⁰	7 ²⁵	19 ³⁷	20 ¹⁰	13 ³⁰	14 ¹³	8 ⁴³	14 ³⁹	16 ²⁵	17 ⁵⁷	6 ¹⁶	16 ¹⁹	T 6
W 7	9 5 49	17 ³⁷ 30	26 ³⁵	3 ²⁰	8 ⁴⁰	20 ²⁴	20 ²⁰	13 ³⁴	14 ¹⁴	8 ⁴⁴	14 ⁴⁰	16 ²¹	17 ⁵⁴	6 ²³	16 ²⁴	W 7
T 8	9 9 46	18 ³⁸ 15	10 ¹⁷ 10	3 ²⁰ R20	9 ⁵⁵	21 ¹⁰	20 ³⁰	13 ³⁸	14 ¹⁵	8 ⁴⁶	14 ⁴²	16 ¹⁹ D19	17 ⁵¹	6 ³⁰	16 ²⁸	T 8
F 9	9 13 42	19 ³⁸ 58	23 ¹⁷	3 ⁹	11 ¹⁰	21 ⁵⁶	20 ⁴⁰	13 ⁴³	14 ¹⁵	8 ⁴⁷	14 ⁴³	16 ¹⁹	17 ⁴⁸	6 ³⁶	16 ³³	F 9
S 10	9 17 39	20 ³⁹ 39	6 ¹⁸ 0	2 ⁴⁸	12 ²⁵	22 ⁴³	20 ⁵¹	13 ⁴⁷	14 ¹⁵	8 ⁴⁸	14 ⁴⁵	16 ²⁰	17 ⁴⁵	6 ⁴³	16 ³⁷	S 10
S 11	9 21 36	21 ⁴⁰ 19	18 ²²	2 ¹⁷	13 ⁴⁰	23 ²⁹	21 ¹	13 ⁵¹	14 ¹⁶	8 ⁴⁹	14 ⁴⁶	16 ²¹ R21	17 ⁴¹	6 ⁵⁰	16 ⁴²	S 11
M 12	9 25 32	22 ⁴⁰ 57	0 ¹¹ 29	1 ³⁶	14 ⁵⁶	24 ¹⁵	21 ¹²	13 ⁵⁵	14 ¹⁶	8 ⁴⁹	14 ⁴⁸	16 ²⁰	17 ³⁸	6 ⁵⁶	16 ⁴⁶	M 12
T 13	9 29 29	23 ⁴¹ 33	12 ²⁶	0 ⁴⁶	16 ¹¹	25 ¹	21 ²²	13 ⁵⁹	14 ¹⁷	8 ⁵⁰	14 ⁴⁹	16 ¹⁸	17 ³⁵	7 ³	16 ⁵¹	T 13
W 14	9 33 25	24 ⁴² 08	24 ¹⁷	29 ²² 50	17 ²⁶	25 ⁴⁷	21 ³³	14 ²	14 ¹⁷	8 ⁵¹	14 ⁵¹	16 ¹⁴	17 ³²	7 ¹⁰	16 ⁵⁵	W 14
T 15	9 37 22	25 ⁴² 41	6 ²⁸ 8	28 ⁴⁹	18 ⁴¹	26 ³³	21 ⁴⁴	14 ⁶	14 ¹⁷	8 ⁵²	14 ⁵²	16 ⁷	17 ²⁹	7 ¹⁷	16 ⁵⁹	T 15
F 16	9 41 18	26 ⁴³ 12	18 ²	27 ⁴³	19 ⁵⁶	27 ¹⁹	21 ⁵⁵	14 ¹⁰	14 ¹⁷	8 ⁵³	14 ⁵⁴	15 ⁵⁹	17 ²⁵	7 ²³	17 ⁴	F 16
S 17	9 45 15	27 ⁴³ 41	0 ¹² 1	26 ³⁶	21 ¹¹	28 ⁵	22 ⁶	14 ¹³	14 ¹⁷	8 ⁵⁴	14 ⁵⁵	15 ⁵⁰	17 ²²	7 ³⁰	17 ⁸	S 17
S 18	9 49 11	28 ⁴⁴ 09	12 ⁹	25 ²⁸	22 ²⁶	28 ⁵¹	22 ¹⁷	14 ¹⁷	14 ¹⁷ R17	8 ⁵⁴	14 ⁵⁷	15 ⁴⁰	17 ¹⁹	7 ³⁷	17 ¹³	S 18
M 19	9 53 8	29 ⁴⁴ 35	24 ²⁵	24 ²²	23 ⁴¹	29 ³⁷	22 ²⁹	14 ²⁰	14 ¹⁷	8 ⁵⁵	14 ⁵⁸	15 ³²	17 ¹⁶	7 ⁴³	17 ¹⁷	M 19
T 20	9 57 5	0 ¹⁴ 44:59	6 ¹⁷ 52	23 ¹⁹	24 ⁵⁶	0 ¹⁷ 23	22 ⁴⁰	14 ²³	14 ¹⁷	8 ⁵⁶	15 ⁰	15 ²⁴	17 ¹³	7 ⁵⁰	17 ²²	T 20
W 21	10 1 1	1 ⁴⁵ 22	19 ³⁰	22 ²⁰	26 ¹¹	1 ⁹	22 ⁵²	14 ²⁶	14 ¹⁷	8 ⁵⁶	15 ¹	15 ¹⁹	17 ¹⁰	7 ⁵⁷	17 ²⁶	W 21
T 22	10 4 58	2 ⁴⁵ 43	2 ²¹ 18	21 ²⁶	27 ²⁶	1 ⁵⁵	23 ³	14 ³⁰	14 ¹⁷	8 ⁵⁷	15 ³	15 ¹⁶	17 ⁶	8 ⁴	17 ³⁰	T 22
F 23	10 8 54	3 ⁴⁶ 03	15 ¹⁸	20 ³⁹	28 ⁴¹	2 ⁴¹	23 ¹⁵	14 ³³	14 ¹⁶	8 ⁵⁸	15 ⁴	15 ¹⁹ D15	17 ³	8 ¹⁰	17 ³⁵	F 23
S 24	10 12 51	4 ⁴⁶ 21	28 ³⁰	19 ⁵⁸	29 ⁵⁶	3 ²⁶	23 ²⁷	14 ³⁵	14 ¹⁶	8 ⁵⁸	15 ⁶	15 ¹⁶	17 ⁰	8 ¹⁷	17 ³⁹	S 24
S 25	10 16 47	5 ⁴⁶ 37	11 ¹⁸ 56	19 ²⁴	1 ¹¹ 11	4 ¹²	23 ³⁹	14 ³⁸	14 ¹⁶	8 ⁵⁹	15 ⁸	15 ¹⁷	16 ⁵⁷	8 ²⁴	17 ⁴⁴	S 25
M 26	10 20 44	6 ⁴⁶ 53	25 ³⁵	18 ⁵⁸	2 ²⁶	4 ⁵⁸	23 ⁵⁰	14 ⁴¹	14 ¹⁵	8 ⁵⁹	15 ⁹	15 ¹⁹	16 ⁵⁴	8 ³¹	17 ⁴⁸	M 26
T 27	10 24 40	7 ⁴⁷ 06	9 ²⁷ 30	18 ³⁸	3 ⁴¹	5 ⁴³	24 ²	14 ⁴⁴	14 ¹⁵	9 ⁰	15 ¹¹	15 ¹⁹ R19	16 ⁵⁰	8 ³⁷	17 ⁵²	T 27
W 28	10 28 37	8 ⁴⁷ 19	23 ²⁷ 39	18 ²⁶	4 ¹¹ 56	6 ¹⁷ 29	24 ¹⁷ 15	14 ²⁷ 46	14 ¹⁶ 14	9 ²⁷ 0	15 ¹¹ 12	15 ²¹ 18	16 ²⁴ 47	8 ²⁴ 44	17 ²² 56	W 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
T 1	17s20	18s40	4n47	11s11	0n23	20s41	0s47	6s20	0s47	6n31	1s9	20s46	1n39	15s43	0n25	20s13	1n34	19s15	14s19	6s45	7s9	18n19	10s6	6n15	
F 2	17 3	17 48	5 2	10 36	0 39	20 26	0 49	6 2	0 46	6 35	1 9	20 46	1 39	15 43	0 25	20 13	1 34	19 15	14 19	6 41	7 8	18 19	10 5	6 15	
S 3	16 46	15 41	4 57	10 4	0 55	20 11	0 51	5 43	0 45	6 38	1 9	20 47	1 39	15 43	0 25	20 13	1 34	19 14	14 19	6 38	7 7	18 18	10 3	6 15	
S 4	16 28	12 31	4 32	9 34	1 11	19 55	0 53	5 24	0 45	6 42	1 9	20 47	1 39	15 43	0 25	20 13	1 34	19 13	14 19	6 34	7 5	18 18	10 2	6 15	
M 5	16 10	8 36	3 48	9 7	1 28	19 38	0 55	5 5	0 44	6 46	1 8	20 47	1 39	15 44	0 25	20 13	1 34	19 13	14 19	6 30	7 4	18 17	10 1	6 15	
T 6	15 52	4 14	2 50	8 44	1 44	19 21	0 56	4 47	0 43	6 50	1 8	20 48	1 39	15 44	0 25	20 14	1 34	19 12	14 19	6 28	7 3	18 17	10 0	6 15	
W 7	15 34	0n13	1 43	8 25	2 1	19 3	0 58	4 28	0 43	6 54	1 8	20 48	1 39	15 44	0 25	20 14	1 34	19 11	14 19	6 26	7 2	18 16	9 58	6 15	
T 8	15 15	4 32	0 33	8 9	2 17	18 45	1 0	4 9	0 42	6 58	1 8	20 49	1 39	15 44	0 25	20 14	1 34	19 11	14 18	6 25	7 1	18 16	9 57	6 15	
F 9	14 56	8 29	0s37	7 59	2 33	18 26	1 2	3 50	0 41	7 2	1 8	20 49	1 40	15 44	0 25	20 14	1 34	19 10	14 18	6 25	6 59	18 15	9 56	6 15	
S 10	14 37	11 54	1 44	7 52	2 48	18 6	1 3	3 31	0 40	7 6	1 7	20 50	1 40	15 44	0 25	20 14	1 34	19 9	14 18	6 26	6 58	18 15	9 54	6 15	
S 11	14 18	14 42	2 43	7 51	3 1	17 46	1 5	3 12	0 40	7 10	1 7	20 50	1 40	15 44	0 25	20 14	1 34	19 9	14 18	6 26	6 57	18 14	9 53	6 15	
M 12	13 58	16 47	3 34	7 54	3 14	17 26	1 6	2 53	0 39	7 15	1 7	20 50	1 40	15 45	0 25	20 14	1 34	19 8	14 18	6 26	6 56	18 14	9 52	6 15	
T 13	13 38	18 5	4 15	8 2	3 24	17 5	1 8	2 34	0 38	7 19	1 7	20 51	1 40	15 45	0 25	20 14	1 35	19 7	14 18	6 25	6 54	18 13	9 50	6 15	
W 14	13 18	18 36	4 45	8 13	3 32	16 44	1 9	2 15	0 38	7 23	1 6	20 51	1 40	15 45	0 25	20 14	1 35	19 7	14 18	6 23	6 53	18 13	9 49	6 15	
T 15	12 58	18 18	5 2	8 29	3 39	16 22	1 11	1 56	0 37	7 27	1 6	20 51	1 40	15 45	0 25	20 14	1 35	19 6	14 18	6 21	6 52	18 12	9 48	6 15	
F 16	12 37	17 11	5 6	8 48	3 42	15 59	1 12	1 37	0 36	7 31	1 6	20 52	1 40	15 45	0 25	20 15	1 35	19 5	14 18	6 18	6 51	18 12	9 46	6 15	
S 17	12 16	15 19	4 57	9 9	3 44	15 37	1 13	1 18	0 35	7 36	1 6	20 52	1 40	15 45	0 25	20 15	1 35	19 5	14 18	6 14	6 50	18 11	9 45	6 15	
S 18	11 55	12 46	4 35	9 32	3 43	15 13	1 15	0 59	0 35	7 40	1 6	20 52	1 40	15 45	0 25	20 15	1 35	19 4	14 17	6 10	6 48	18 11	9 44	6 15	
M 19	11 34	9 38	4 0	9 57	3 40	14 50	1 16	0 40	0 34	7 45	1 5	20 53	1 40	15 45	0 25	20 15	1 35	19 3	14 17	6 7	6 47	18 10	9 42	6 15	
T 20	11 13	6 1	3 12	10 22	3 35	14 26	1 17	0 21	0 33	7 49	1 5	20 53	1 41	15 45	0 25	20 15	1 35	19 3	14 17	6 4	6 46	18 10	9 41	6 15	
W 21	10 52	2 6	2 15	10 47	3 29	14 1	1 18	0 2	0 33	7 53	1 5	20 53	1 41	15 45	0 25	20 15	1 35	19 2	14 17	6 2	6 45	18 9	9 40	6 15	
T 22	10 30	1s59	1 10	11 12	3 20	13 36	1 19	0n16	0 32	7 58	1 5	20 53	1 41	15 45	0 25	20 15	1 35	19 1	14 17	6 1	6 44	18 9	9 38	6 15	
F 23	10 8	6 2	0n0	11 37	3 10	13 11	1 20	0 35	0 31	8 2	1 5	20 54	1 41	15 44	0 25	20 15	1 35	19 1	14 17	6 1	6 42	18 8	9 37	6 15	
S 24	9 46	9 50	1 11	12 0	2 59	12 46	1 21	0 54	0 30	8 7	1 5	20 54	1 41	15 44	0 25	20 15	1 35	19 0	14 17	6 1	6 41	18 8	9 36	6 15	
S 25	9 24	13 13	2 20	12 22	2 47	12 20	1 21	1 13	0 30	8 11	1 4	20 54	1 41	15 44	0 25	20 15	1 35	18 59	14 17	6 2	6 40	18 7	9 34	6 15	
M 26	9 2	15 55	3 22	12 42	2 35	11 54	1 22	1 32	0 29	8 16	1 4	20 54	1 41	15 44	0 25	20 15	1 35	18 59	14 17	6 2	6 39	18 6	9 33	6 15	
T 27	8 39	17 44	4 13	13 1	2 21	11 27	1 23	1 51	0 28	8 21	1 4	20 54	1 41	15 44	0 25	20 15	1 35	18 58	14 17	6 2	6 37	18 6	9 31	6 16	
W 28	8s17	18s29	4n49	13s17	2n8	11s0	1s23	2n9	0s28	8n25	1s4	20s55	1n41	15s44	0n25	20s15	1n35	18s57	14s17	6s2	6s36	18n5	9s30	6n16	

ASTRODIENST EPHEMERIS for the year 1810

geocentric

MARCH 1810

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	10 32 33	9°47'29	8°32' 2	18°D21	6°41'11	7°41'15	24°47'27	14°47'49	14°R14	9°47' 0	15°41'14	15°R16	16°44'44	8°51'51	18°48' 1	T 1
F 2	10 36 30	10°47'39	22°35' 2	18°48'22	7°26' 8	8° 0' 0	24°39' 2	14°51'14	14°M13	9° 1' 1	15°15'15	15°41'12	16°41'41	8°57'57	18° 5' 5	F 2
S 3	10 40 27	11°47'46	7°48'13	18°29' 8	8°41' 8	8°46' 8	24°51' 2	14°53'14	14°12' 2	9° 1' 1	15°17'15	15° 7' 7	16°38'38	9° 4' 4	18° 9' 9	S 3
S 4	10 44 23	12°47'52	21°49' 1	18°42' 9	9°56' 9	9°31' 2	25° 4' 4	14°55'14	14°12' 2	9° 1' 1	15°19'15	15° 2' 2	16°35'35	9°11'11	18°13'13	S 4
M 5	10 48 20	13°47'56	6°41'19	19° 1' 1	11°11'11	10°16'10	25°16'16	14°58'14	14°11' 9	9° 2' 2	15°20'15	14°57'14	16°31'31	9°18'18	18°18'18	M 5
T 6	10 52 16	14°47'59	20°30'19	19°25'19	12°26'12	11° 2' 2	25°29'15	15° 0' 0	14°10'10	9° 2' 2	15°22'15	14°54'14	16°28'28	9°24'24	18°22'22	T 6
W 7	10 56 13	15°47'59	4°41'24	19°54'13	13°41'11	11°47'11	25°42'15	15° 1' 1	14° 9' 9	9° 2' 2	15°23'15	14°52'14	16°25'25	9°31'31	18°26'26	W 7
T 8	11 0 9	16°47'57	17°56'14	20°28'14	14°56'12	12°32'12	25°54'15	15° 3' 3	14° 8' 8	9° 2' 2	15°25'15	14°D52	16°22'22	9°38'38	18°30'30	T 8
F 9	11 4 6	17°47'54	18° 3' 3	21° 6' 6	16°10'13	13°18'12	26° 7' 7	15° 5' 5	14° 7' 7	9° 2' 2	15°26'15	14°52'14	16°19'19	9°44'44	18°34'34	F 9
S 10	11 8 2	18°47'48	13°49'21	21°48'17	17°25'14	14° 3' 3	26°20'15	15° 6' 6	14° 6' 6	9° 2' 2	15°28'15	14°54'14	16°16'16	9°51'51	18°38'38	S 10
S 11	11 11 59	19°47'40	26°16'22	22°33'18	18°40'14	14°48'26	26°33'15	15° 8' 8	14° 5' 5	9° 2' 2	15°30'15	14°56'14	16°12'12	9°58'58	18°42'42	S 11
M12	11 15 56	20°47'30	8°41'27	23°23'19	19°55'15	15°33'26	26°46'15	15° 9' 9	14° 4' 4	9°R 2	15°31'15	14°57'14	16° 9' 9	10° 5' 5	18°46'46	M12
T 13	11 19 52	21°47'17	20°27'24	24°15'21	21°10'16	16°18'26	26°59'15	15°11'14	14° 3' 3	9° 2' 2	15°33'15	14°R58	16° 6' 6	10°11'11	18°50'50	T 13
W14	11 23 49	22°47'03	2°51'25	25°10'22	22°24'17	17° 3' 3	27°12'15	15°12'14	14° 2' 2	9° 2' 2	15°34'15	14°57'14	16° 3' 3	10°18'18	18°54'54	W14
T 15	11 27 45	23°46'46	14°13'26	26° 9' 9	23°39'17	17°48'27	27°25'15	15°13'14	14° 0' 0	9° 2' 2	15°36'15	14°56'14	16° 0' 0	10°25'25	18°58'58	T 15
F 16	11 31 42	24°46'26	26° 8' 8	27°10'24	24°54'18	18°33'27	27°38'15	15°14'13	13°59'9	9° 2' 2	15°38'15	14°54'14	15°56'56	10°32'32	19° 2' 2	F 16
S 17	11 35 38	25°46'05	8°41'11	28°13'26	26° 9' 9	19°18'27	27°52'15	15°15'13	13°58'9	9° 2' 2	15°39'15	14°51'14	15°53'53	10°38'38	19° 5' 5	S 17
S 18	11 39 35	26°45'41	20°23'29	29°19'27	27°23'20	20° 3' 3	28° 5' 5	15°16'13	13°56'9	9° 2' 2	15°41'15	14°48'14	15°50'50	10°45'45	19° 9' 9	S 18
M19	11 43 31	27°45'16	2°41'27	30°28'28	28°38'20	20°47'28	28°18'15	15°18'13	13°55'9	9° 1' 1	15°42'15	14°45'14	15°47'47	10°52'52	19°13'13	M19
T 20	11 47 28	28°44'48	15°29'1	31°38'29	29°53'21	21°32'28	28°32'15	15°17'13	13°53'9	9° 1' 1	15°44'15	14°43'14	15°44'44	10°58'58	19°17'17	T 20
W21	11 51 25	29°44'17	28°24'2	32°51'1	30°7'1	22°17'22	28°45'15	15°17'13	13°52'9	9° 1' 1	15°45'15	14°42'14	15°41'41	11° 5' 5	19°20'20	W21
T 22	11 55 21	0°43'45	11°43'4	4° 5' 5	2°22'23	23° 1' 1	28°59'15	15°18'13	13°50'9	9° 1' 1	15°47'15	14°D41	15°37'37	11°12'12	19°24'24	T 22
F 23	11 59 18	1°43'11	24°59'5	5°22'23	3°36'23	23°46'29	29°12'15	15°18'13	13°48'9	9° 0' 0	15°48'15	14°41'14	15°34'34	11°19'19	19°28'28	F 23
S 24	12 3 14	2°42'35	8°41'36	6°40'4	4°51'24	24°30'29	29°26'15	15°18'13	13°47'9	9° 0' 0	15°50'15	14°42'14	15°31'31	11°25'25	19°31'31	S 24
S 25	12 7 11	3°41'57	22°24'8	8° 0' 0	6° 6' 6	25°15'29	29°40'15	15°R18	13°45'9	8°59'15	15°51'15	14°43'14	15°28'28	11°32'32	19°35'35	S 25
M26	12 11 7	4°41'18	6°41'21	9°22'7	7°20'25	25°59'29	29°53'15	15°18'13	13°43'9	8°59'15	15°53'15	14°44'14	15°25'25	11°39'39	19°38'38	M26
T 27	12 15 4	5°40'36	20°26'10	10°45'8	8°35'26	26°44'0	28° 7' 7	15°18'13	13°42'9	8°59'15	15°54'15	14°44'14	15°21'21	11°45'45	19°42'42	T 27
W28	12 19 0	6°39'53	4°36'12	12°10'9	9°49'27	27°28'0	29°21'15	15°18'13	13°40'9	8°58'15	15°56'15	14°R45	15°18'18	11°52'52	19°45'45	W28
T 29	12 22 57	7°39'08	18°50'13	13°37'11	11° 4' 4	28°12'0	29°35'15	15°18'13	13°38'9	8°57'15	15°57'15	14°45'14	15°15'15	11°59'59	19°49'49	T 29
F 30	12 26 53	8°38'22	3°48'5	15° 5' 5	12°18'28	28°57'0	29°48'15	15°17'13	13°36'9	8°57'15	15°59'15	14°44'14	15°12'12	12° 6' 6	19°52'52	F 30
S 31	12 30 50	9°37'33	17°48'17	16°43'13	13°33'29	29°41'1	30°18'2	15°17'13	13°34'9	8°56'15	16°41'0	14°44'14	15°9'9	12°12'12	19°55'55	S 31

Day	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	7s54	18s 5	5n 9	13s32	1n54	10s33	1s24	2n28	0s27	8n30	1s 4	20s55	1n42	15s44	0n25	20s15	1n35
F 2	7 32	16 30	5 9	13 45	1 41	10 6	1 24	2 47	0 26	8 34	1 3	20 55	1 42	15 43	0 25	20 15	1 35
S 3	7 9	13 50	4 49	13 55	1 27	9 38	1 25	3 5	0 25	8 39	1 3	20 55	1 42	15 43	0 25	20 15	1 35
S 4	6 46	10 18	4 10	14 4	1 13	9 10	1 25	3 24	0 25	8 44	1 3	20 55	1 42	15 43	0 25	20 15	1 35
M 5	6 23	6 11	3 15	14 11	1 0	8 42	1 26	3 42	0 24	8 49	1 3	20 55	1 42	15 43	0 25	20 15	1 35
T 6	6 0	1 47	2 9	14 16	0 47	8 13	1 26	4 1	0 23	8 53	1 3	20 55	1 42	15 42	0 25	20 15	1 36
W 7	5 36	2n37	0 57	14 19	0 34	7 45	1 26	4 19	0 23	8 58	1 3	20 56	1 42	15 42	0 25	20 15	1 36
T 8	5 13	6 47	0s17	14 20	0 22	7 16	1 26	4 37	0 22	9 3	1 2	20 56	1 42	15 42	0 25	20 15	1 36
F 9	4 50	10 29	1 28	14 20	0 10	6 47	1 26	4 56	0 21	9 8	1 2	20 56	1 42	15 42	0 25	20 15	1 36
S 10	4 26	13 35	2 32	14 17	0s 2	6 18	1 26	5 14	0 20	9 12	1 2	20 56	1 43	15 41	0 25	20 15	1 36
S 11	4 3	15 58	3 28	14 13	0 13	5 48	1 26	5 32	0 20	9 17	1 2	20 56	1 43	15 41	0 25	20 15	1 36
M12	3 39	17 34	4 13	14 7	0 24	5 19	1 26	5 50	0 19	9 22	1 2	20 56	1 43	15 41	0 25	20 15	1 36
T 13	3 16	18 21	4 47	14 0	0 34	4 49	1 26	6 8	0 18	9 27	1 2	20 56	1 43	15 40	0 25	20 15	1 36
W14	2 52	18 19	5 7	13 50	0 44	4 19	1 25	6 26	0 18	9 32	1 2	20 56	1 43	15 40	0 25	20 15	1 36
T 15	2 28	17 29	5 15	13 40	0 54	3 49	1 25	6 44	0 17	9 37	1 1	20 56	1 43	15 39	0 25	20 15	1 36
F 16	2 5	15 53	5 9	13 27	1 3	3 19	1 24	7 2	0 16	9 41	1 1	20 56	1 43	15 39	0 25	20 15	1 36
S 17	1 41	13 35	4 49	13 13	1 12	2 49	1 24	7 19	0 16	9 46	1 1	20 56	1 43	15 39	0 25	20 15	1 36
S 18	1 17	10 39	4 16	12 58	1 20	2 19	1 24	7 37	0 15	9 51	1 1	20 56	1 43	15 38	0 25	20 14	1 36
M19	0 54	7 12	3 31	12 41	1 27	1 49	1 23	7 54	0 14	9 56	1 1	20 56	1 44	15 38	0 25	20 14	1 36
T 20	0 30	3 21	2 34	12 22	1 34	1 18	1 22	8 12	0 13	10 1	1 1	20 56	1 44	15 37	0 25	20 14	1 36
W21	0 6	0s43	1 29	12 3	1 41	0 48	1 22	8 29	0 13	10 6	1 1	20 56	1 44	15 37	0 25	20 14	1 36
T 22	0n17	4 51	0 17	11 41	1 48	0 18	1 21	8 46	0 12	10 11	1 0	20 56	1 44	15 36	0 25	20 14	1 36
F 23	0 41	8 48	0n57	11 19	1 53	0n13	1 20	9 3	0 11	10 16	1 0	20 56	1 44	15 36	0 25	20 14	1 36
S 24	1 5	12 21	2 9	10 55	1 59	0 43	1 19	9 20	0 11	10 21	1 0	20 55	1 44	15 35	0 25	20 14	1 36
S 25	1 28	15 16	3 14	10 29	2 4	1 14	1 18	9 37	0 10	10 25	1 0	20 55	1 44	15 35	0 25	20 14	1 36
M26	1 52	17 18	4 9	10 3	2 8	1 44	1 17	9 54	0 9	10 30	1 0	20 55	1 44	15 34	0 25	20 14	1 36
T 27	2 15	18 19	4 49	9 35	2 12	2 14	1 16	10 11	0 9	10 35	1 0	20 55	1 45	15 34	0 25	20 14	1 37
W28	2 39	18 11	5 12	9 3	2 15	2 45	1 15	10 28	0 8	10 40	1 0	20 55	1 45	15 33	0 25	20 13	1 37
T 29	3 2	16 55	5 16	8 35	2 18	3 15	1 14	10 44	0 7	10 45	1 0	20 55	1 45	15 33	0 25	20 13	1 37
F 30	3 26	14 36	5 1	8 3	2 21	3 45	1 12	11 0	0 7	10 50	1 0	20 55	1 45	15 32	0 25	20 13	1 37
S 31	3n49	11s25	4n27	7s30	2s23	4n15	1s11	11n17	0s 6	10n55	0s59	20s55	1n45	15s32	0n25	20s13	1n37

Julian Day Number = 2382207.5, Delta T = 1

ASTRODIENST EPHEMERIS for the year 1810

geocentric

MAY 1810

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
T 1	14 33 3	9♂55'46	8♂37	15♂6	21♂51	22♂7	8♂23	14°R15	12°R22	8°R24	16♂40	14°R39	13♂30	15♂41	21♂12	T 1	
W 2	14 37 0	10°53'57	21°44	17°15	23°5	22°49	8°37	14♂12	12♂20	8♂23	16°41	14♂39	13°27	15°48	21°14	W 2	
T 3	14 40 56	11°52'05	4♂39	19°23	24°19	23°32	8°52	14°9	12°17	8°22	16°42	14°37	13°24	15°54	21°15	T 3	
F 4	14 44 53	12°50'13	17°22	21°30	25°32	24°14	9°6	14°5	12°15	8°20	16°43	14°35	13°21	16°1	21°17	F 4	
S 5	14 48 49	13°48'18	29°52	23°36	26°46	24°57	9°20	14°2	12°12	8°19	16°44	14°31	13°18	16°8	21°18	S 5	
S 6	14 52 46	14°46'22	12♂10	25°40	28°0	25°39	9°35	13°58	12°10	8°17	16°45	14°26	13°14	16°14	21°19	S 6	
M 7	14 56 42	15°44'24	24°18	27°42	29°14	26°22	9°49	13°55	12°7	8°16	16°46	14°20	13°11	16°21	21°21	M 7	
T 8	15 0 39	16°42'24	6♂17	29°42	0♂27	27°4	10°3	13°51	12°4	8°14	16°47	14°15	13°8	16°28	21°22	T 8	
W 9	15 4 36	17°40'22	18°12	1♂39	1°41	27°46	10°18	13°47	12°2	8°13	16°48	14°11	13°5	16°35	21°23	W 9	
T 10	15 8 32	18°38'19	0♂4	3°34	2°55	28°29	10°32	13°43	11°59	8°11	16°49	14°7	13°2	16°41	21°24	T 10	
F 11	15 12 29	19°36'14	11°58	5°26	4°8	29°11	10°46	13°40	11°57	8°10	16°50	14°6	12°58	16°48	21°25	F 11	
S 12	15 16 25	20°34'07	23°59	7°16	5°22	29°53	11°0	13°36	11°54	8°8	16°51	14°D 5	12°55	16°55	21°26	S 12	
S 13	15 20 22	21°31'58	6♂12	9°2	6°36	0♂35	11°15	13°32	11°52	8°7	16°51	14°6	12°52	17°1	21°27	S 13	
M14	15 24 18	22°29'48	18°41	10°45	7°49	1°17	11°29	13°28	11°49	8°5	16°52	14°8	12°49	17°8	21°28	M14	
T 15	15 28 15	23°27'35	1♂30	12°25	9°3	1°59	11°43	13°24	11°47	8°4	16°53	14°9	12°46	17°15	21°29	T 15	
W16	15 32 11	24°25'22	14°43	14°2	10°16	2°41	11°57	13°20	11°45	8°2	16°54	14°R10	12°43	17°22	21°29	W16	
T 17	15 36 8	25°23'06	28°22	15°35	11°30	3°23	12°11	13°16	11°42	8°1	16°54	14°9	12°39	17°28	21°30	T 17	
F 18	15 40 5	26°20'49	12♂26	17°5	12°43	4°5	12°25	13°12	11°40	7°59	16°55	14°6	12°36	17°35	21°31	F 18	
S 19	15 44 1	27°18'31	26°52	18°31	13°57	4°47	12°40	13°7	11°37	7°57	16°56	14°2	12°33	17°42	21°31	S 19	
S 20	15 47 58	28°16'11	11♂35	19°54	15°10	5°28	12°54	13°3	11°35	7°56	16°56	13°56	12°30	17°49	21°32	S 20	
M21	15 51 54	29°13'50	26°26	21°14	16°23	6°10	13°8	12°59	11°32	7°54	16°57	13°49	12°27	17°55	21°32	M21	
T 22	15 55 51	0♂11'28	11♂18	22°30	17°37	6°52	13°22	12°55	11°30	7°53	16°58	13°42	12°24	18°2	21°32	T 22	
W23	15 59 47	1°9'05	26°3	23°42	18°50	7°33	13°36	12°50	11°28	7°51	16°58	13°37	12°20	18°9	21°33	W23	
T 24	16 3 44	2°6'41	10♂33	24°50	20°4	8°15	13°50	12°46	11°25	7°49	16°59	13°33	12°17	18°15	21°33	T 24	
F 25	16 7 41	3°4'16	24°46	25°55	21°17	8°57	14°3	12°42	11°23	7°48	17°0	13°31	12°14	18°22	21°33	F 25	
S 26	16 11 37	4°1'51	8♂39	26°56	22°30	9°38	14°17	12°37	11°21	7°46	17°0	13°D31	12°11	18°29	21°33	S 26	
S 27	16 15 34	4°59'24	22°14	27°53	23°43	10°19	14°31	12°33	11°19	7°45	17°1	13°32	12°8	18°36	21°R33	S 27	
M28	16 19 30	5°56'56	5♂30	28°47	24°57	11°1	14°45	12°29	11°16	7°43	17°1	13°33	12°4	18°42	21°33	M28	
T 29	16 23 27	6°54'28	18°31	29°36	26°10	11°42	14°59	12°24	11°14	7°41	17°2	13°R33	12°1	18°49	21°33	T 29	
W30	16 27 23	7°51'59	1♂18	0♂21	27°23	12°24	15°13	12°20	11°12	7°40	17°2	13°31	11°58	18°56	21°33	W30	
T 31	16 31 20	8♂49'29	13♂54	1♂2	28♂36	13♂5	15♂26	12♂15	11♂10	7♂38	17♂2	13♂27	11♂55	19♂2	21♂33	T 31	

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
T 1	14n48	3n55	0n33	16n50	0n28	18n 5	0s10	18n33	0n14	13n25	0s57	20s45	1n47	15s10	0n25	20s 7	1n38
W 2	15 7	7 53	0s39	17 37	0 38	18 27	0 7	18 44	0 15	13 29	0 57	20 45	1 48	15 9	0 25	20 7	1 38
T 3	15 25	11 24	1 48	18 22	0 49	18 47	0 5	18 55	0 15	13 34	0 57	20 44	1 48	15 8	0 25	20 7	1 38
F 4	15 42	14 19	2 50	19 6	0 59	19 8	0 2	19 6	0 16	13 39	0 57	20 44	1 48	15 8	0 25	20 6	1 38
S 5	16 0	16 31	3 43	19 48	1 9	19 27	0n 0	19 17	0 17	13 43	0 57	20 43	1 48	15 7	0 25	20 6	1 38
S 6	16 17	17 55	4 24	20 27	1 18	19 47	0 3	19 28	0 17	13 48	0 57	20 43	1 48	15 6	0 25	20 6	1 38
M 7	16 34	18 28	4 53	21 5	1 27	20 5	0 5	19 39	0 18	13 52	0 57	20 43	1 48	15 5	0 25	20 6	1 38
T 8	16 51	18 10	5 9	21 39	1 35	20 23	0 8	19 49	0 18	13 57	0 57	20 42	1 48	15 5	0 25	20 5	1 38
W 9	17 7	17 5	5 11	22 12	1 43	20 41	0 10	19 59	0 19	14 1	0 57	20 42	1 48	15 4	0 25	20 5	1 38
T 10	17 23	15 16	5 0	22 42	1 50	20 58	0 13	20 9	0 20	14 6	0 57	20 41	1 48	15 3	0 25	20 5	1 38
F 11	17 39	12 48	4 36	23 9	1 57	21 14	0 15	20 19	0 20	14 10	0 57	20 41	1 48	15 2	0 25	20 5	1 38
S 12	17 55	9 46	3 59	23 34	2 3	21 30	0 18	20 29	0 21	14 15	0 57	20 40	1 48	15 1	0 25	20 4	1 38
S 13	18 10	6 16	3 12	23 56	2 8	21 46	0 20	20 38	0 21	14 19	0 57	20 40	1 48	15 1	0 25	20 4	1 38
M14	18 25	2 26	2 14	24 15	2 12	22 0	0 23	20 48	0 22	14 24	0 57	20 39	1 48	15 0	0 25	20 4	1 38
T 15	18 39	1s38	1 8	24 33	2 15	22 14	0 25	20 57	0 22	14 28	0 57	20 39	1 48	14 59	0 25	20 4	1 38
W16	18 54	5 46	0n 3	24 47	2 18	22 28	0 28	21 6	0 23	14 32	0 56	20 38	1 48	14 58	0 25	20 3	1 38
T 17	19 8	9 43	1 16	25 0	2 20	22 41	0 30	21 14	0 24	14 37	0 56	20 38	1 48	14 58	0 25	20 3	1 38
F 18	19 21	13 15	2 27	25 10	2 21	22 53	0 32	21 23	0 24	14 41	0 56	20 37	1 48	14 57	0 25	20 3	1 38
S 19	19 35	16 4	3 30	25 18	2 21	23 4	0 35	21 31	0 25	14 45	0 56	20 37	1 48	14 56	0 25	20 3	1 38
S 20	19 48	17 53	4 21	25 24	2 20	23 15	0 37	21 39	0 25	14 50	0 56	20 36	1 48	14 56	0 25	20 2	1 38
M21	20 0	18 31	4 54	25 28	2 19	23 25	0 40	21 47	0 26	14 54	0 56	20 36	1 48	14 55	0 25	20 2	1 38
T 22	20 13	17 52	5 8	25 31	2 16	23 35	0 42	21 55	0 26	14 58	0 56	20 35	1 48	14 54	0 25	20 2	1 38
W23	20 25	16 2	5 1	25 31	2 13	23 44	0 44	22 2	0 27	15 2	0 56	20 35	1 48	14 53	0 25	20 2	1 38
T 24	20 36	13 12	4 35	25 30	2 8	23 52	0 47	22 9	0 28	15 6	0 56	20 34	1 48	14 53	0 25	20 1	1 38
F 25	20 47	9 38	3 52	25 27	2 3	23 59	0 49	22 16	0 28	15 11	0 56	20 34	1 48	14 52	0 25	20 1	1 38
S 26	20 58	5 36	2 56	25 23	1 57	24 6	0 51	22 23	0 29	15 15	0 56	20 33	1 48	14 51	0 25	20 1	1 38
S 27	21 9	1 22	1 52	25 17	1 50	24 12	0 53	22 30	0 29	15 19	0 56	20 33	1 48	14 51	0 25	20 1	1 38
M28	21 19	2n51	0 43	25 10	1 43	24 17	0 56	22 36	0 30	15 23	0 56	20 32	1 48	14 50	0 25	20 0	1 38
T 29	21 29	6 51	0s27	25 2	1 34	24 22	0 58	22 43	0 30	15 27	0 56	20 32	1 48	14 49	0 25	20 0	1 38
W30	21 38	10 28	1 34	24 52	1 25	24 26	1 0	22 49	0 31	15 31	0 56	20 31	1 47	14 49	0 25	20 0	1 38
T 31	21n48	13n33	2s35	24n42	1n14	24n29	1n 2	22n54	0n31	15n35	0s56	20s31	1n47	14s48	0n25	20s 0	1n38

Julian Day Number = 2382268.5, Delta T = 15.17 sec

Ecliptic obliquity = 23°27'41", Nutation = 0°00'03", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 22°05'31", Lahiri = 21°12'31"

ASTRODIENST EPHEMERIS for the year 1810

geocentric

JUNE 1810

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	16 35 16	9II46'58	26820	1939	29II50	13II46	15840	12°R11	11°R 8	7°R36	17°R 3	13°R21	11°R52	19°R 9	21°R32	F 1
S 2	16 39 13	10°44'26	8II36	2°11	1°3	14°27	15°54	12°R 7	11°R 6	7°R35	17° 3	13°R12	11°49	19°16	21°R32	S 2
S 3	16 43 9	11°41'53	20°44	2°39	2°16	15° 8	16° 7	12° 2	11° 4	7°33	17° 4	13° 2	11°45	19°23	21°31	S 3
M 4	16 47 6	12°39'19	20°46	3° 2	3°29	15°50	16°21	11°58	11° 1	7°32	17° 4	12°51	11°42	19°29	21°31	M 4
T 5	16 51 3	13°36'45	14°42	3°21	4°42	16°31	16°34	11°53	10°59	7°30	17° 4	12°40	11°39	19°36	21°30	T 5
W 6	16 54 59	14°34'09	26°34	3°36	5°55	17°12	16°48	11°49	10°57	7°28	17° 4	12°30	11°36	19°43	21°30	W 6
T 7	16 58 56	15°31'32	8025	3°45	7° 8	17°53	17° 1	11°44	10°56	7°27	17° 5	12°22	11°33	19°50	21°29	T 7
F 8	17 2 52	16°28'54	20°18	3°51	8°21	18°34	17°15	11°40	10°54	7°25	17° 5	12°17	11°30	19°56	21°28	F 8
S 9	17 6 49	17°26'16	20°17	3°R51	9°34	19°14	17°28	11°35	10°52	7°24	17° 5	12°13	11°26	20° 3	21°28	S 9
S 10	17 10 45	18°23'36	14°27	3°48	10°47	19°55	17°41	11°31	10°50	7°22	17° 5	12°D12	11°23	20°10	21°27	S 10
M 11	17 14 42	19°20'55	26°52	3°39	12° 0	20°36	17°54	11°27	10°48	7°20	17° 6	12°12	11°20	20°16	21°26	M 11
T 12	17 18 38	20°18'13	9°38	3°27	13°13	21°17	18° 8	11°22	10°46	7°19	17° 6	12°R13	11°17	20°23	21°25	T 12
W 13	17 22 35	21°15'31	22°50	3°10	14°26	21°58	18°21	11°18	10°45	7°17	17° 6	12°12	11°14	20°30	21°24	W 13
T 14	17 26 32	22°12'47	6°12	2°50	15°39	22°38	18°34	11°14	10°43	7°16	17° 6	12°10	11°10	20°37	21°23	T 14
F 15	17 30 28	23°10'03	20°37	2°27	16°52	23°19	18°47	11° 9	10°41	7°14	17° 6	12° 6	11° 7	20°43	21°21	F 15
S 16	17 34 25	24° 7'18	5°13	2° 0	18° 5	23°59	19° 0	11° 5	10°40	7°13	17° 6	11°59	11° 4	20°50	21°20	S 16
S 17	17 38 21	25° 4'32	20°10	1°31	19°17	24°40	19°12	11° 1	10°38	7°11	17° 6	11°50	11° 1	20°57	21°19	S 17
M 18	17 42 18	26° 1'46	5°20	0°59	20°30	25°20	19°25	10°57	10°37	7°10	17°R 6	11°40	10°58	21° 4	21°18	M 18
T 19	17 46 14	26°59'00	20°33	0°26	21°43	26° 1	19°38	10°52	10°35	7° 8	17° 6	11°30	10°55	21°10	21°16	T 19
W 20	17 50 11	27°56'13	5°37	29°II52	22°56	26°41	19°51	10°48	10°34	7° 7	17° 6	11°21	10°51	21°17	21°15	W 20
T 21	17 54 8	28°53'26	20°25	29°17	24° 8	27°22	20° 3	10°44	10°32	7° 5	17° 6	11°14	10°48	21°24	21°13	T 21
F 22	17 58 4	29°50'39	4°49	28°42	25°21	28° 2	20°16	10°40	10°31	7° 4	17° 6	11°10	10°45	21°30	21°12	F 22
S 23	18 2 1	0°47'51	18°48	28° 8	26°33	28°42	20°28	10°36	10°30	7° 2	17° 6	11° 8	10°42	21°37	21°10	S 23
S 24	18 5 57	1°45'04	2°Y22	27°35	27°46	29°23	20°41	10°32	10°28	7° 1	17° 6	11°D 8	10°39	21°44	21° 8	S 24
M 25	18 9 54	2°42'17	15°33	27° 4	28°59	0°3	20°53	10°28	10°27	6°59	17° 5	11°R 8	10°36	21°51	21° 7	M 25
T 26	18 13 50	3°39'30	28°25	26°35	0°11	0°43	21° 6	10°24	10°26	6°58	17° 5	11° 7	10°32	21°57	21° 5	T 26
W 27	18 17 47	4°36'42	11°R 0	26°10	1°24	1°23	21°18	10°20	10°25	6°56	17° 5	11° 4	10°29	22° 4	21° 3	W 27
T 28	18 21 43	5°33'55	23°23	25°47	2°36	2° 3	21°30	10°16	10°24	6°55	17° 5	10°59	10°26	22°11	21° 1	T 28
F 29	18 25 40	6°31'08	5°II35	25°28	3°49	2°44	21°42	10°13	10°22	6°54	17° 5	10°51	10°23	22°17	20°59	F 29
S 30	18 29 37	7°28'21	17°II40	25°II14	5°R 1	3°24	21°R54	10°R 9	10°R21	6°R52	17°R 4	10°R40	10°R20	22°R24	20°R57	S 30

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
F 1	21n56	15n58	3s28	24n30	1n 3	24n32	1n 4	23n 0	0n32	15n39	0s56	20s30	1n47	14s47	0n25	F 1
S 2	22 5	17 38	4 11	24 18	0 52	24 34	1 6	23 5	0 32	15 43	0 56	20 29	1 47	14 47	0 25	S 2
S 3	22 13	18 28	4 41	24 5	0 39	24 35	1 8	23 11	0 33	15 47	0 56	20 29	1 47	14 46	0 25	S 3
M 4	22 20	18 27	4 59	23 51	0 26	24 35	1 10	23 16	0 33	15 51	0 56	20 28	1 47	14 46	0 25	M 4
T 5	22 27	17 37	5 3	23 37	0 12	24 35	1 12	23 20	0 34	15 54	0 56	20 28	1 47	14 45	0 25	T 5
W 6	22 34	16 2	4 55	23 22	0s 3	24 33	1 14	23 25	0 34	15 58	0 56	20 27	1 47	14 44	0 25	W 6
T 7	22 40	13 47	4 33	23 6	0 18	24 32	1 16	23 29	0 35	16 2	0 56	20 27	1 47	14 44	0 25	T 7
F 8	22 46	10 56	4 0	22 50	0 34	24 29	1 17	23 33	0 35	16 6	0 56	20 26	1 47	14 43	0 25	F 8
S 9	22 52	7 37	3 16	22 34	0 50	24 26	1 19	23 37	0 36	16 9	0 56	20 26	1 47	14 43	0 25	S 9
S 10	22 57	3 57	2 22	22 18	1 7	24 22	1 21	23 41	0 36	16 13	0 56	20 25	1 47	14 42	0 25	S 10
M 11	23 2	0 1	1 21	22 1	1 24	24 17	1 22	23 45	0 37	16 17	0 56	20 25	1 47	14 41	0 24	M 11
T 12	23 6	4s 2	0 14	21 44	1 41	24 12	1 24	23 48	0 37	16 20	0 56	20 24	1 47	14 41	0 24	T 12
W 13	23 10	8 1	0n56	21 28	1 58	24 6	1 25	23 51	0 38	16 24	0 56	20 24	1 46	14 40	0 24	W 13
T 14	23 14	11 43	2 5	21 11	2 14	23 59	1 27	23 54	0 38	16 28	0 56	20 23	1 46	14 40	0 24	T 14
F 15	23 17	14 53	3 9	20 55	2 31	23 51	1 28	23 56	0 39	16 31	0 56	20 23	1 46	14 39	0 24	F 15
S 16	23 20	17 13	4 2	20 40	2 47	23 43	1 30	23 59	0 39	16 35	0 57	20 22	1 46	14 39	0 24	S 16
S 17	23 22	18 26	4 40	20 25	3 3	23 34	1 31	24 1	0 40	16 38	0 57	20 22	1 46	14 39	0 24	S 17
M 18	23 24	18 22	5 0	20 10	3 17	23 25	1 32	24 3	0 40	16 42	0 57	20 21	1 46	14 38	0 24	M 18
T 19	23 26	16 59	4 58	19 56	3 31	23 14	1 33	24 5	0 41	16 45	0 57	20 21	1 46	14 38	0 24	T 19
W 20	23 27	14 26	4 35	19 43	3 44	23 4	1 34	24 6	0 41	16 48	0 57	20 21	1 46	14 37	0 24	W 20
T 21	23 27	10 59	3 54	19 31	3 56	22 52	1 35	24 8	0 42	16 52	0 57	20 20	1 46	14 37	0 24	T 21
F 22	23 28	6 58	3 0	19 21	4 7	22 40	1 36	24 9	0 42	16 55	0 57	20 20	1 45	14 36	0 24	F 22
S 23	23 28	2 40	1 55	19 11	4 16	22 27	1 37	24 10	0 43	16 58	0 57	20 19	1 45	14 36	0 24	S 23
S 24	23 27	1n39	0 46	19 3	4 24	22 14	1 38	24 11	0 43	17 2	0 57	20 19	1 45	14 36	0 24	S 24
M 25	23 26	5 46	0s23	18 56	4 30	21 59	1 39	24 11	0 44	17 5	0 57	20 18	1 45	14 35	0 24	M 25
T 26	23 25	9 31	1 30	18 50	4 35	21 45	1 39	24 12	0 44	17 8	0 57	20 18	1 45	14 35	0 24	T 26
W 27	23 23	12 45	2 31	18 46	4 38	21 29	1 40	24 12	0 45	17 11	0 57	20 18	1 45	14 35	0 24	W 27
T 28	23 21	15 21	3 23	18 44	4 40	21 14	1 40	24 12	0 45	17 14	0 57	20 17	1 45	14 34	0 24	T 28
F 29	23 18	17 14	4 6	18 43	4 40	20 57	1 41	24 11	0 45	17 17	0 57	20 17	1 44	14 34	0 24	F 29
S 30	23n15	18n18	4s36	18n43	4s39	20n40	1n41	24n11	0n46	17n20	0s57	20s16	1n44	14s34	0n24	S 30

Julian Day Number = 2382299.5, Delta T = 15.17 sec

Ecliptic obliquity = 23°27'41", Nutation = 0°00'03", out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 22°05'35", Lahiri = 21°12'36"

ASTRODIENST EPHEMERIS for the year 1810
geocentric

JULY 1810

00:00 UT

Day	Sid.t	☉	☽	♊	♋	♌	♍	♎	♏	♐	♑	♒	♓	♈	♉	Day
S 1	18 33 33	8 ^h 25'34	29 ^h 11'40	25°R 3	6 ^h 14	4 ^h 4	22 ^h 8 6	10°R 5	10°R21	6°R51	17°R 4	10°R27	10 ^h 16	22 ^h 31	20°R55	S 1
M 2	18 37 30	9°22'48	11 ^h 35	24 ^h 11'57	7°26	4°44	22°18	10 ^h 2	10 ^h 20	6 ^h 50	17 ^h 4	10 ^h 13	10°13	22°38	20 ^h 53	M 2
T 3	18 41 26	10°20'01	23°28	24 ^h D56	8°38	5°24	22°30	9°58	10°19	6°48	17° 3	10° 0	10°10	22°44	20°51	T 3
W 4	18 45 23	11°17'14	5 ^h 19	25° 0	9°51	6° 3	22°41	9°55	10°18	6°47	17° 3	9°47	10° 7	22°51	20°49	W 4
T 5	18 49 19	12°14'26	17°10	25° 9	11° 3	6°43	22°53	9°51	10°17	6°46	17° 3	9°37	10° 4	22°58	20°47	T 5
F 6	18 53 16	13°11'39	29° 5	25°23	12°15	7°23	23° 4	9°48	10°16	6°45	17° 2	9°29	10° 1	23° 4	20°45	F 6
S 7	18 57 12	14° 8'52	11 ^h 19	25°42	13°27	8° 3	23°16	9°45	10°16	6°43	17° 2	9°24	9°57	23°11	20°42	S 7
S 8	19 1 9	15° 6'05	23°15	26° 7	14°39	8°43	23°27	9°41	10°15	6°42	17° 1	9°22	9°54	23°18	20°40	S 8
M 9	19 5 6	16° 3'17	5 ^h 19	26°36	15°52	9°22	23°38	9°38	10°15	6°41	17° 1	9°21	9°51	23°25	20°37	M 9
T 10	19 9 2	17° 0'30	18°22	27°11	17° 4	10° 2	23°49	9°35	10°14	6°40	17° 0	9°21	9°48	23°31	20°35	T 10
W11	19 12 59	17°57'42	1 ^h 19	27°51	18°16	10°42	24° 0	9°32	10°14	6°39	17° 0	9°20	9°45	23°38	20°33	W11
T 12	19 16 55	18°54'55	15° 2	28°36	19°28	11°21	24°11	9°29	10°13	6°38	16°59	9°18	9°42	23°45	20°30	T 12
F 13	19 20 52	19°52'07	29° 5	29°26	20°40	12° 1	24°22	9°26	10°13	6°37	16°59	9°14	9°38	23°52	20°28	F 13
S 14	19 24 48	20°49'20	13 ^h 17	0 ^h 21	21°52	12°41	24°33	9°24	10°13	6°36	16°58	9° 7	9°35	23°58	20°25	S 14
S 15	19 28 45	21°46'33	28°34	1°20	23° 4	13°20	24°44	9°21	10°12	6°35	16°58	8°59	9°32	24° 5	20°22	S 15
M16	19 32 41	22°43'46	13 ^h 34	2°25	24°15	13°59	24°54	9°18	10°12	6°34	16°57	8°48	9°29	24°12	20°20	M16
T 17	19 36 38	23°41'00	29° 7	3°35	25°27	14°39	25° 5	9°16	10°12	6°33	16°56	8°38	9°26	24°18	20°17	T 17
W18	19 40 35	24°38'14	14 ^h 19	4°49	26°39	15°18	25°15	9°13	10°12	6°32	16°56	8°29	9°22	24°25	20°14	W18
T 19	19 44 31	25°35'28	29°22	6° 8	27°51	15°58	25°25	9°11	10°12	6°31	16°55	8°22	9°19	24°32	20°12	T 19
F 20	19 48 28	26°32'44	13 ^h 19	7°31	29° 2	16°37	25°36	9° 9	10°D12	6°30	16°54	8°18	9°16	24°39	20° 9	F 20
S 21	19 52 24	27°30'00	28° 8	8°59	0 ^h 14	17°16	25°46	9° 6	10°12	6°29	16°54	8°16	9°13	24°45	20° 6	S 21
S 22	19 56 21	28°27'16	11 ^h 19	10°31	1°26	17°56	25°56	9° 4	10°12	6°28	16°53	8°D16	9°10	24°52	20° 3	S 22
M23	20 0 17	29°24'34	25° 2	12° 7	2°37	18°35	26° 5	9° 2	10°12	6°27	16°52	8°R16	9° 7	24°59	20° 0	M23
T 24	20 4 14	0 ^h 21'53	7 ^h 15	13°47	3°49	19°14	26°15	9° 0	10°12	6°26	16°51	8°16	9° 3	25° 5	19°57	T 24
W25	20 8 10	1°19'13	20°24	15°30	5° 0	19°53	26°25	8°58	10°12	6°26	16°51	8°14	9° 0	25°12	19°54	W25
T 26	20 12 7	2°16'34	2 ^h 11	17°18	6°12	20°32	26°34	8°57	10°13	6°25	16°50	8°10	8°57	25°19	19°51	T 26
F 27	20 16 4	3°13'56	14°47	19° 8	7°23	21°12	26°43	8°55	10°13	6°24	16°49	8° 4	8°54	25°26	19°48	F 27
S 28	20 20 0	4°11'18	26°46	21° 1	8°34	21°51	26°53	8°53	10°14	6°23	16°48	7°55	8°51	25°32	19°46	S 28
S 29	20 23 57	5° 8'42	8 ^h 19	22°57	9°46	22°30	27° 2	8°52	10°14	6°23	16°47	7°45	8°48	25°39	19°42	S 29
M30	20 27 53	6° 6'07	20°40	24°55	10°57	23° 9	27°11	8°50	10°15	6°22	16°46	7°33	8°44	25°46	19°39	M30
T 31	20 31 50	7 ^h 19	3'32	2 ^h 12	26°55	12 ^h 19	23°48	27°20	8 ^h 15	10 ^h 15	16°46	7 ^h 12	8 ^h 14	25°52	19°36	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	decl	lat
S 1	23n12	18n33	4s54	18n46	4s37	20n22	1n42	24n10	0n46	17n23	0s57	20s16	1n44	14s33	0n24	19s52	1n37	18s41	14s48	4s 9	4s 4	16n37	7s59	6n54		
M 2	23 8	17 59	4 59	18 49	4 33	20 4	1 42	24 9	0 47	17 26	0 57	20 16	1 44	14 33	0 24	19 52	1 37	18 42	14 48	4 3	4 3	16 36	7 59	6 55		
T 3	23 3	16 38	4 52	18 54	4 28	19 46	1 42	24 8	0 47	17 29	0 57	20 15	1 44	14 33	0 24	19 52	1 37	18 42	14 48	3 58	4 2	16 35	8 0	6 55		
W 4	22 59	14 34	4 31	19 0	4 22	19 26	1 42	24 7	0 48	17 32	0 57	20 15	1 44	14 33	0 24	19 52	1 37	18 43	14 49	3 53	4 1	16 34	8 0	6 55		
T 5	22 54	11 55	3 59	19 8	4 14	19 6	1 42	24 5	0 48	17 35	0 57	20 15	1 43	14 32	0 24	19 52	1 37	18 43	14 49	3 49	3 59	16 33	8 1	6 55		
F 6	22 48	8 45	3 16	19 17	4 6	18 46	1 42	24 4	0 49	17 38	0 57	20 14	1 43	14 32	0 24	19 52	1 37	18 44	14 49	3 46	3 58	16 33	8 1	6 56		
S 7	22 43	5 12	2 23	19 27	3 57	18 25	1 42	24 2	0 49	17 41	0 57	20 14	1 43	14 32	0 24	19 51	1 37	18 44	14 50	3 44	3 57	16 32	8 1	6 56		
S 8	22 36	1 24	1 24	19 37	3 47	18 4	1 42	24 0	0 49	17 44	0 57	20 14	1 43	14 32	0 24	19 51	1 37	18 45	14 50	3 43	3 56	16 31	8 2	6 56		
M 9	22 30	2s33	0 20	19 49	3 36	17 42	1 41	23 57	0 50	17 46	0 58	20 13	1 43	14 32	0 24	19 51	1 37	18 45	14 50	3 42	3 54	16 30	8 2	6 56		
T 10	22 23	6 28	0n48	20 1	3 25	17 20	1 41	23 55	0 50	17 49	0 58	20 13	1 43	14 32	0 24	19 51	1 37	18 46	14 51	3 42	3 53	16 29	8 3	6 57		
W11	22 15	10 13	1 54	20 14	3 13	16 58	1 40	23 52	0 51	17 52	0 58	20 13	1 42	14 31	0 24	19 51	1 37	18 46	14 51	3 42	3 52	16 28	8 4	6 57		
T 12	22 8	13 33	2 57	20 27	3 1	16 35	1 40	23 49	0 51	17 54	0 58	20 13	1 42	14 31	0 24	19 51	1 37	18 47	14 51	3 41	3 51	16 27	8 4	6 57		
F 13	21 59	16 13	3 51	20 40	2 48	16 11	1 39	23 46	0 51	17 57	0 58	20 12	1 42	14 31	0 24	19 50	1 37	18 47	14 52	3 40	3 49	16 26	8 5	6 57		
S 14	21 51	17 57	4 32	20 53	2 34	15 47	1 38	23 43	0 52	17 59	0 58	20 12	1 42	14 31	0 24	19 50	1 37	18 48	14 52	3 37	3 48	16 25	8 5	6 57		
S 15	21 42	18 31	4 56	21 6	2 21	15 23	1 38	23 40	0 52	18 2	0 58	20 12	1 42	14 31	0 24	19 50	1 37	18 48	14 52	3 34	3 47	16 24	8 6	6 58		
M16	21 33	17 46	5 0	21 19	2 7	14 58	1 37	23 36	0 53	18 4	0 58	20 12	1 41	14 31	0 24	19 50	1 37	18 49	14 53	3 30	3 46	16 23	8 7	6 58		
T 17	21 23	15 45	4 43	21 32	1 53	14 33	1 36	23 32	0 53	18 7	0 58	20 11	1 41	14 31	0 24	19 50	1 37	18 49	14 53	3 26	3 44	16 23	8 7	6 58		
W18	21 13	12 38	4 5	21 43	1 39	14 8	1 35	23 28	0 53	18 9	0 58	20 11	1 41	14 31	0 23	19 50	1 37	18 50	14 53	3 22	3 43	16 22	8 8	6 58		
T 19	21 3	8 43	3 11	21 54	1 25	13 42	1 34	23 24	0 54	18 12	0 58	20 11	1 41	14 31	0 23	19 50	1 37	18 50	14 54	3 19	3 42	16 21	8 9	6 58		
F 20	20 52	4 23	2 5	22 4	1 11	13 16	1 32	23 19	0 54	18 14	0 58	20 11	1 41	14 31	0 23	19 50	1 37	18 51	14 54	3 18	3 41	16 20	8 9	6 58		
S 21	20 41	0n 4	0 54	22 12	0 57	12 49	1 31	23 15	0 55	18 16	0 58	20 11	1 41	14 31	0 23	19 50	1 37	18 51	14 54	3 17	3 39	16 19	8 10	6 59		
S 22	20 29	4 23	0s19	22 19	0 43	12 22	1 30	23 10	0 55	18 19	0 58	20 11	1 40	14 31	0 23	19 49	1 36	18 52	14 55	3 17	3 38	16 18	8 11	6 59		
M23	20 18	8 20	1 28	22 25	0 30	11 55	1 28	23 5	0 55	18 21	0 59	20 11	1 40	14 31	0 23	19 49	1 36	18 52	14 55	3 17	3 37	16 17	8 12	6 59		
T 24	20 5	11 46	2 31	22 28	0 17	11 28	1 27	23 0	0 56	18 23	0 59	20 10	1 40	14 31	0 23	19 49	1 36	18 53	14 55	3 17	3 36	16 16	8 12	6 59		
W25	19 53	14 35	3 24	22 29	0 4	11 0	1 25	22 55	0 56	18 25	0 59	20 10	1 40	14 31	0 23	19 49	1 36	18 54	14 55	3 16	3 34	16 15	8 13	6 59		
T 26	19 40	16 40	4 7	22 28	0n 8	10 32	1 23	22 49	0 57	18 27	0 59	20 10	1 39	14 32	0 23	19 49	1 36	18 54	14 56	3 15	3 33	16 14	8 14	6 59		
F 27	19 27	17 59	4 39	22 25	0 20	10 4	1 22	22 44	0 57	18 29	0 59	20 10	1 39	14 32	0 23	19 49	1 36	18 55	14 56	3 12	3 32	16 13	8 15	6 59		
S 28	19 14	18 28	4 57	22 19	0 31	9 36	1 20	22 38	0 57	18 31	0 59	20 10	1 39	14 32	0 23	19 49	1 36	18 55	14 56	3 9	3 31	16 12	8 16	6 59		
S 29	19 0	18 8	5 3	22 11	0 41	9 7	1 18	22 32	0 58	18 33	0 59	20 10	1 39	14 32	0 23	19 49	1 36	18 56	14 57	3 5	3 29	16 11	8 16	6 59		
M30	18 46	17 1	4 55	22 0	0 51	8 37	1 16	22 26	0 58	18 35	0 59	20 10	1 39	14 32	0 23	19 49	1 36	18 56	14 57	3 0	3 28	16 10	8 17	7 0		
T 31	18n31	15n10	4s35	21n46	1n 0	8n 9	1n14	22n19	0n58	18n37	0s59	20s10	1n38	14s32	0n23	19s49	1n36	18s57	14s57	2s55	3s27	16n 9	8s18	7n 0		

ASTRODIENST EPHEMERIS for the year 1810
geocentric

AUGUST 1810

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
W 1	20 35 46	8♌ 0'59	14♌16	28♌57	13♍19	24♌27	27♌28	8°R48	10♌16	6°R21	16°R45	7°R11	8♌38	25♌59	19°R33	W 1
T 2	20 39 43	8°58'26	26°12	1♌ 0	14°30	25° 6	27°37	8♌47	10°16	6♌20	16♌44	7♌ 3	8°35	26° 6	19°30	T 2
F 3	20 43 39	9°55'55	8♍12	3° 4	15°41	25°45	27°45	8°46	10°17	6°20	16°43	6°56	8°32	26°13	19°27	F 3
S 4	20 47 36	10°53'24	20°18	5° 8	16°52	26°24	27°54	8°45	10°18	6°19	16°42	6°53	8°28	26°19	19°24	S 4
S 5	20 51 33	11°50'54	2♌35	7°12	18° 3	27° 2	28° 2	8°44	10°19	6°19	16°41	6°D51	8°25	26°26	19°21	S 5
M 6	20 55 29	12°48'25	15° 3	9°17	19°14	27°41	28°10	8°43	10°20	6°19	16°40	6°51	8°22	26°33	19°18	M 6
T 7	20 59 26	13°45'56	27°48	11°21	20°25	28°20	28°18	8°42	10°20	6°18	16°39	6°52	8°19	26°39	19°15	T 7
W 8	21 3 22	14°43'29	10♌54	13°25	21°36	28°59	28°26	8°42	10°21	6°18	16°38	6°R53	8°16	26°46	19°12	W 8
T 9	21 7 19	15°41'02	24°22	15°28	22°47	29°38	28°33	8°41	10°23	6°17	16°37	6°53	8°13	26°53	19° 9	T 9
F 10	21 11 15	16°38'36	8♌16	17°30	23°57	0♌16	28°41	8°41	10°24	6°17	16°36	6°51	8° 9	27° 0	19° 5	F 10
S 11	21 15 12	17°36'11	22°36	19°31	25° 8	0°55	28°48	8°41	10°25	6°17	16°35	6°47	8° 6	27° 6	19° 2	S 11
S 12	21 19 8	18°33'48	7♌20	21°31	26°18	1°34	28°56	8°40	10°26	6°17	16°34	6°41	8° 3	27°13	18°59	S 12
M13	21 23 5	19°31'25	22°22	23°30	27°29	2°12	29° 3	8°D40	10°27	6°16	16°33	6°35	8° 0	27°20	18°56	M13
T 14	21 27 2	20°29'03	7♌33	25°27	28°39	2°51	29°10	8°40	10°28	6°16	16°32	6°28	7°57	27°26	18°53	T 14
W15	21 30 58	21°26'42	22°43	27°24	29°49	3°29	29°16	8°40	10°30	6°16	16°31	6°22	7°53	27°33	18°50	W15
T 16	21 34 55	22°24'23	7♌43	29°19	0♌59	4° 8	29°23	8°41	10°31	6°16	16°30	6°17	7°50	27°40	18°47	T 16
F 17	21 38 51	23°22'05	22°23	1♍12	2°10	4°46	29°29	8°41	10°33	6°16	16°28	6°15	7°47	27°47	18°43	F 17
S 18	21 42 48	24°19'49	6♍38	3° 4	3°20	5°25	29°36	8°41	10°34	6°16	16°27	6°D14	7°44	27°53	18°40	S 18
S 19	21 46 44	25°17'34	20°26	4°55	4°30	6° 3	29°42	8°42	10°36	6°D16	16°26	6°14	7°41	28° 0	18°37	S 19
M20	21 50 41	26°15'21	3♌46	6°45	5°40	6°42	29°48	8°42	10°37	6°16	16°25	6°16	7°38	28° 7	18°34	M20
T 21	21 54 37	27°13'09	16°41	8°33	6°49	7°20	29°54	8°43	10°39	6°16	16°24	6°17	7°34	28°13	18°31	T 21
W22	21 58 34	28°11'00	29°15	10°19	7°59	7°59	29°59	8°44	10°40	6°16	16°23	6°R18	7°31	28°20	18°28	W22
T 23	22 2 31	29° 8'52	11♌33	12° 5	9° 9	8°37	0♌ 5	8°45	10°42	6°16	16°22	6°17	7°28	28°27	18°25	T 23
F 24	22 6 27	0♍ 6'46	23°37	13°49	10°19	9°15	0°10	8°46	10°44	6°16	16°20	6°14	7°25	28°34	18°22	F 24
S 25	22 10 24	1° 4'41	5♌34	15°31	11°28	9°54	0°15	8°47	10°46	6°17	16°19	6°10	7°22	28°40	18°19	S 25
S 26	22 14 20	2° 2'39	17°26	17°13	12°38	10°32	0°20	8°48	10°48	6°17	16°18	6° 5	7°19	28°47	18°16	S 26
M27	22 18 17	3° 0'38	29°17	18°53	13°47	11°10	0°25	8°49	10°49	6°17	16°17	5°59	7°15	28°54	18°13	M27
T 28	22 22 13	3°58'39	11♌10	20°31	14°56	11°49	0°30	8°50	10°51	6°17	16°16	5°53	7°12	29° 0	18°10	T 28
W29	22 26 10	4°56'42	23° 7	22° 9	16° 6	12°27	0°34	8°52	10°53	6°18	16°14	5°48	7° 9	29° 7	18° 7	W29
T 30	22 30 6	5°54'46	5♍10	23°45	17°15	13° 5	0°38	8°53	10°55	6°18	16°13	5°44	7° 6	29°14	18° 4	T 30
F 31	22 34 3	6♍52'52	17♍21	25♍20	18♌24	13♌43	0♌42	8♌55	10♌58	6♌18	16♌12	5♌41	7♌ 3	29°21	18° 1	F 31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
W 1	18n17	12n41	4s 3	21n30	1n 8	7n40	1n12	22n13	0n59	18n39	0s59	20s10	1n38	14s33	0n23	19s49	1n36	18s58	14s57	2s51	3s26	16n 8	8s19	7n 0			
T 2	18 2	9 40	3 20	21 11	1 16	7 10	1 9	22 6	0 59	18 41	0 59	20 10	1 38	14 33	0 23	19 49	1 36	18 58	14 58	2 48	3 24	16 8	8 20	7 0			
F 3	17 47	6 14	2 27	20 49	1 22	6 41	1 7	21 59	0 59	18 43	0 59	20 10	1 38	14 33	0 23	19 49	1 36	18 59	14 58	2 45	3 23	16 7	8 21	7 0			
S 4	17 31	2 30	1 28	20 25	1 28	6 11	1 5	21 52	1 0	18 45	1 0	20 10	1 38	14 33	0 23	19 49	1 36	18 59	14 58	2 44	3 22	16 6	8 22	7 0			
S 5	17 15	1s23	0 23	19 59	1 33	5 41	1 2	21 45	1 0	18 46	1 0	20 10	1 37	14 34	0 23	19 49	1 36	19 0	14 58	2 43	3 21	16 5	8 23	7 0			
M 6	16 59	5 16	0n44	19 30	1 37	5 11	0 59	21 38	1 1	18 48	1 0	20 11	1 37	14 34	0 23	19 49	1 36	19 1	14 58	2 43	3 19	16 4	8 24	7 0			
T 7	16 43	8 59	1 50	19 0	1 40	4 40	0 57	21 30	1 1	18 50	1 0	20 11	1 37	14 34	0 23	19 49	1 36	19 1	14 59	2 44	3 18	16 3	8 24	7 0			
W 8	16 26	12 22	2 53	18 27	1 43	4 10	0 54	21 23	1 1	18 51	1 0	20 11	1 37	14 35	0 23	19 49	1 36	19 2	14 59	2 44	3 17	16 2	8 25	7 0			
T 9	16 9	15 12	3 47	17 53	1 45	3 39	0 51	21 15	1 2	18 53	1 0	20 11	1 37	14 35	0 23	19 49	1 36	19 2	14 59	2 44	3 16	16 1	8 26	7 0			
F 10	15 52	17 15	4 31	17 17	1 46	3 9	0 49	21 7	1 2	18 54	1 0	20 11	1 36	14 35	0 23	19 49	1 35	19 3	14 59	2 43	3 14	16 0	8 27	7 0			
S 11	15 34	18 17	4 58	16 39	1 46	2 38	0 46	20 59	1 2	18 56	1 0	20 11	1 36	14 36	0 23	19 49	1 35	19 4	15 0	2 42	3 13	15 59	8 28	7 0			
S 12	15 17	18 8	5 8	16 1	1 46	2 7	0 43	20 51	1 3	18 57	1 0	20 11	1 36	14 36	0 23	19 49	1 35	19 4	15 0	2 39	3 12	15 58	8 29	7 0			
M13	14 59	16 44	4 56	15 21	1 45	1 37	0 40	20 43	1 3	18 59	1 0	20 12	1 36	14 37	0 23	19 49	1 35	19 5	15 0	2 37	3 11	15 57	8 30	7 0			
T 14	14 40	14 9	4 24	14 40	1 43	1 6	0 36	20 34	1 3	19 0	1 1	20 12	1 35	14 37	0 23	19 49	1 35	19 5	15 0	2 34	3 9	15 56	8 31	7 0			
W15	14 22	10 36	3 33	13 58	1 41	0 35	0 33	20 25	1 4	19 2	1 1	20 12	1 35	14 37	0 23	19 49	1 35	19 6	15 0	2 32	3 8	15 55	8 32	7 0			
T 16	14 3	6 24	2 28	13 15	1 38	0 4	0 30	20 17	1 4	19 3	1 1	20 12	1 35	14 38	0 23	19 49	1 35	19 7	15 0	2 30	3 7	15 54	8 33	6 59			
F 17	13 45	1 53	1 14	12 32	1 35	0s27	0 27	20 8	1 4	19 4	1 1	20 13	1 35	14 38	0 23	19 49	1 35	19 7	15 1	2 29	3 5	15 53	8 34	6 59			
S 18	13 25	2n36	0s 2	11 48	1 31	0 58	0 23	19 59	1 5	19 5	1 1	20 13	1 35	14 39	0 23	19 49	1 35	19 8	15 1	2 29	3 4	15 52	8 35	6 59			
S 19	13 6	6 49	1 16	11 4	1 27	1 29	0 20	19 49	1 5	19 7	1 1	20 13	1 34	14 39	0 23	19 49	1 35	19 8	15 1	2 29	3 3	15 51	8 36	6 59			
M20	12 47	10 32	2 24	10 20	1 23	2 0	0 16	19 40	1 5	19 8	1 1	20 13	1 34	14 40	0 23	19 49	1 35	19 9	15 1	2 29	3 2	15 50	8 37	6 59			
T 21	12 27	13 37	3 22	9 35	1 18	2 31	0 13	19 31	1 6	19 9	1 1	20 14	1 34	14 40	0 22	19 49	1 35	19 9	15 1	2 30	3 0	15 49	8 38	6 59			
W22	12 7	15 58	4 9	8 50	1 13	3 2	0 9	19 21	1 6	19 10	1 1	20 14	1 34	14 41	0 22	19 49	1 35	19 10	15 1	2 30	2 59	15 48	8 39	6 59			
T 23	11 47	17 31	4 43	8 4	1 7	3 33	0 5	19 11	1 6	19 11	1 2	20 14	1 33	14 42	0 22	19 49	1 35	19 11	15 2	2 30	2 58	15 47	8 41	6 59			
F 24	11 27	18 15	5 4	7 19	1 1	4 4	0 2	19 1	1 6	19 12	1 2	20 15	1 33	14 42	0 22	19 49	1 35	19 11	15 2	2 29	2 57	15 46	8 42	6 59			
S 25	11 6	18 10	5 11	6 34	0 55	4 34	0s 2	18 51	1 7	19 13	1 2	20 15	1 33	14 43	0 22	19 49	1 35	19 12	15 2	2 27	2 55	15 45	8 43	6 58			
S 26	10 45	17 17	5 5	5 48	0 49	5 5	0 6	18 41	1 7	19 14	1 2	20 16	1 33	14 43	0 22	19 49	1 35	19 12	15 2	2 25	2 54	15 44	8 44	6 58			
M27	10 25	15 39	4 46	5 3	0 42	5 36	0 10	18 31	1 7	19 15	1 2	20 16	1 33	14 44	0 22	19 50	1 35	19 13	15 2	2 23	2 53	15 43	8 45	6 58			
T 28	10 4	13 21	4 15	4 18	0 35	6 6	0 14	18 21	1 8	19 16	1 2	20 16	1 32	14 45	0 22	19 50	1 34	19 14	15 2	2 20	2 52	15 42	8 46	6 58			
W29	9 42	10 29	3 32	3 33	0 28	6 36	0 18	18 10	1 8	19 16	1 2	20 17	1 32	14 45	0 22	19 50	1 34	19 14	15 2	2 18	2 50	15 41	8 47	6 58			
T 30	9 21	7 9	2 39	2 48	0 21	7 7	0 22	18 0	1 8	19 17	1 2	20 17	1 32	14 46	0 22	19 50	1 34	19 15	15 2	2 17	2 49	15 40	8 48	6 58			
F 31	9n 0	3n29	1s39	2n 4	0n13	7s37	0s26	17n49	1n 9	19n18	1s 2	20s18	1n32	14s47	0n22	19s50	1n34	19s15	15s 2	2s16	2s48	15n39	8s49	6n57			

Julian Day Number = 2382360.5, Delta T = 15.18 sec
Ecliptic obliquity = 23°27'41, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°05'44, Lahiri = 21°12'44

ASTRODIENST EPHEMERIS for the year 1810

geocentric

SEPTEMBER 1810

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	22 37 59	7 ^h 50'59"	29 ^h 40'	26 ^h 54'	19 ^h 33'	14 ^h 21'	0 ^h 46'	8 ^h 57'	11 ^h 0'	6 ^h 19'	16 ^h R11	5 ^h D40	6 ^h 59'	29 ^h 27'	17 ^h R58	S 1
S 2	22 41 56	8°49'09"	12 ^h 10'	28°26'	20°42'	14°59'	0°50'	8°59'	11° 2'	6°19'	16 ^h 10'	5 ^h 40'	6°56'	29°34'	17 ^h 55'	S 2
M 3	22 45 53	9°47'19"	24°52'	29°57'	21°50'	15°37'	0°54'	9° 1'	11° 4'	6°20'	16° 8'	5°41'	6°53'	29°41'	17°52'	M 3
T 4	22 49 49	10°45'32"	7 ^h 48'	1 ^h 27'	22°59'	16°15'	0°57'	9° 3'	11° 6'	6°20'	16° 7'	5°42'	6°50'	29°47'	17°49'	T 4
W 5	22 53 46	11°43'45"	21° 0'	2°56'	24° 8'	16°53'	1° 0'	9° 5'	11° 9'	6°21'	16° 6'	5°44'	6°47'	29°54'	17°47'	W 5
T 6	22 57 42	12°42'01"	4 ^h 30'	4°23'	25°16'	17°31'	1° 3'	9° 7'	11°11'	6°21'	16° 5'	5°45'	6°44'	0 ^h 1'	17°44'	T 6
F 7	23 1 39	13°40'18"	18°20'	5°50'	26°25'	18° 9'	1° 6'	9° 9'	11°13'	6°22'	16° 3'	5°R45	6°40'	0° 8'	17°41'	F 7
S 8	23 5 35	14°38'36"	2 ^h 38'	7°15'	27°33'	18°47'	1° 9'	9°12'	11°16'	6°23'	16° 2'	5°44'	6°37'	0°14'	17°39'	S 8
S 9	23 9 32	15°36'56"	16°55'	8°38'	28°41'	19°25'	1°11'	9°14'	11°18'	6°23'	16° 1'	5°42'	6°34'	0°21'	17°36'	S 9
M10	23 13 28	16°35'17"	1 ^h 35'	10° 0'	29°49'	20° 3'	1°13'	9°17'	11°21'	6°24'	16° 0'	5°40'	6°31'	0°28'	17°33'	M10
T 11	23 17 25	17°33'40"	16°24'	11°21'	0 ^h 57'	20°41'	1°15'	9°19'	11°23'	6°25'	15°59'	5°38'	6°28'	0°34'	17°31'	T 11
W12	23 21 22	18°32'05"	1 ^h 15'	12°41'	2° 5'	21°19'	1°17'	9°22'	11°26'	6°25'	15°57'	5°36'	6°25'	0°41'	17°28'	W12
T 13	23 25 18	19°30'31"	15°59'	13°59'	3°12'	21°57'	1°19'	9°25'	11°28'	6°26'	15°56'	5°34'	6°21'	0°48'	17°26'	T 13
F 14	23 29 15	20°29'00"	0 ^h 29'	15°15'	4°20'	22°35'	1°20'	9°28'	11°31'	6°27'	15°55'	5°D33	6°18'	0°55'	17°23'	F 14
S 15	23 33 11	21°27'30"	14°41'	16°30'	5°27'	23°12'	1°21'	9°31'	11°34'	6°28'	15°54'	5°33'	6°15'	1° 1'	17°21'	S 15
S 16	23 37 8	22°26'02"	18°29'	17°43'	6°34'	23°50'	1°23'	9°34'	11°37'	6°29'	15°52'	5°34'	6°12'	1° 8'	17°18'	S 16
M17	23 41 4	23°24'37"	11 ^h 53'	18°55'	7°41'	24°28'	1°23'	9°37'	11°39'	6°30'	15°51'	5°35'	6° 9'	1°15'	17°16'	M17
T 18	23 45 1	24°23'13"	24°52'	20° 5'	8°48'	25° 6'	1°24'	9°40'	11°42'	6°31'	15°50'	5°36'	6° 5'	1°21'	17°14'	T 18
W19	23 48 57	25°21'52"	7 ^h 11'	21°12'	9°55'	25°43'	1°24'	9°44'	11°45'	6°32'	15°49'	5°37'	6° 2'	1°28'	17°12'	W19
T 20	23 52 54	26°20'33"	19°51'	22°18'	11° 2'	26°21'	1°25'	9°47'	11°48'	6°33'	15°47'	5°38'	5°59'	1°35'	17° 9'	T 20
F 21	23 56 51	27°19'17"	1 ^h 57'	23°22'	12° 8'	26°59'	1°R25	9°51'	11°51'	6°34'	15°46'	5°R38	5°56'	1°42'	17° 7'	F 21
S 22	0 0 47	28°18'02"	13°54'	24°23'	13°15'	27°36'	1°25'	9°54'	11°54'	6°35'	15°45'	5°37'	5°53'	1°48'	17° 5'	S 22
S 23	0 4 44	29°16'50"	25°47'	25°22'	14°21'	28°14'	1°24'	9°58'	11°57'	6°36'	15°44'	5°37'	5°50'	1°55'	17° 3'	S 23
M24	0 8 40	0 ^h 15'40"	7 ^h 48'	26°18'	15°27'	28°51'	1°24'	10° 2'	12° 0'	6°37'	15°43'	5°36'	5°46'	2° 2'	17° 1'	M24
T 25	0 12 37	1°14'32"	19°34'	27°11'	16°33'	29°29'	1°23'	10° 6'	12° 3'	6°38'	15°42'	5°35'	5°43'	2° 8'	16°59'	T 25
W26	0 16 33	2°13'27"	1 ^h 36'	28° 1'	17°39'	0 ^h 6'	1°22'	10° 9'	12° 6'	6°39'	15°40'	5°35'	5°40'	2°15'	16°57'	W26
T 27	0 20 30	3°12'23"	13°47'	28°47'	18°44'	0°44'	1°21'	10°13'	12° 9'	6°41'	15°39'	5°35'	5°37'	2°22'	16°55'	T 27
F 28	0 24 26	4°11'22"	26°11'	29°30'	19°50'	1°21'	1°20'	10°18'	12°12'	6°42'	15°38'	5°34'	5°34'	2°28'	16°54'	F 28
S 29	0 28 23	5°10'23"	8 ^h 47'	0 ^h 9'	20°55'	1°59'	1°18'	10°22'	12°15'	6°43'	15°37'	5°34'	5°30'	2°35'	16°52'	S 29
S 30	0 32 19	6 ^h 9'25"	21 ^h 36'	0 ^h 43'	22 ^h 0'	2 ^h 36'	1 ^h 16'	10 ^h 26'	12 ^h 18'	6 ^h 44'	15 ^h 36'	5 ^h 34'	5 ^h 27'	2 ^h 42'	16 ^h 50'	S 30

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat
S 1	8n38	0s22	0s33	1n20	0n 6	8s 7	0s30	17n38	1n 9	19n19	1s 3	20s18	1n32	14s47	0n22	19s50	1n34	19s16	15s 2	2s15	2s47	15n38	8s50	6n57			
S 2	8 16	4 16	0n36	0 36	0s 2	8 37	0 34	17 27	1 9	19 19	1 3	20 19	1 31	14 48	0 22	19 50	1 34	19 16	15 3	2 15	2 45	15 37	8 51	6 57			
M 3	7 54	8 2	1 44	0s 8	0 10	9 6	0 38	17 16	1 9	19 20	1 3	20 19	1 31	14 49	0 22	19 50	1 34	19 17	15 3	2 15	2 44	15 36	8 52	6 57			
T 4	7 32	11 29	2 48	0 51	0 18	9 36	0 42	17 5	1 10	19 20	1 3	20 20	1 31	14 49	0 22	19 51	1 34	19 17	15 3	2 16	2 43	15 35	8 53	6 57			
W 5	7 10	14 25	3 44	1 34	0 26	10 5	0 46	16 54	1 10	19 21	1 3	20 20	1 31	14 50	0 22	19 51	1 34	19 18	15 3	2 17	2 42	15 34	8 54	6 56			
T 6	6 48	16 38	4 30	2 16	0 34	10 34	0 51	16 43	1 10	19 22	1 3	20 21	1 30	14 51	0 22	19 51	1 34	19 19	15 3	2 17	2 40	15 33	8 55	6 56			
F 7	6 26	17 57	5 1	2 57	0 42	11 3	0 55	16 31	1 11	19 22	1 3	20 21	1 30	14 52	0 22	19 51	1 34	19 19	15 3	2 17	2 39	15 32	8 56	6 56			
S 8	6 3	18 12	5 15	3 39	0 50	11 32	0 59	16 20	1 11	19 22	1 3	20 22	1 30	14 52	0 22	19 51	1 34	19 20	15 3	2 17	2 38	15 30	8 57	6 56			
S 9	5 41	17 17	5 9	4 19	0 58	12 0	1 3	16 8	1 11	19 23	1 4	20 23	1 30	14 53	0 22	19 51	1 34	19 20	15 3	2 16	2 37	15 29	8 58	6 55			
M10	5 18	15 13	4 44	4 59	1 6	12 28	1 8	15 56	1 11	19 23	1 4	20 23	1 30	14 54	0 22	19 51	1 34	19 21	15 3	2 15	2 35	15 28	8 59	6 55			
T 11	4 55	12 8	3 59	5 38	1 15	12 56	1 12	15 45	1 12	19 23	1 4	20 24	1 29	14 55	0 22	19 52	1 34	19 21	15 3	2 14	2 34	15 27	9 0	6 55			
W12	4 32	8 16	2 58	6 17	1 23	13 24	1 16	15 33	1 12	19 24	1 4	20 24	1 29	14 56	0 22	19 52	1 34	19 22	15 3	2 13	2 33	15 26	9 1	6 54			
T 13	4 9	3 54	1 46	6 55	1 31	13 51	1 21	15 21	1 12	19 24	1 4	20 25	1 29	14 56	0 22	19 52	1 34	19 22	15 3	2 13	2 32	15 25	9 2	6 54			
F 14	3 46	0n37	0 28	7 32	1 39	14 19	1 25	15 9	1 13	19 24	1 4	20 26	1 29	14 57	0 22	19 52	1 33	19 23	15 3	2 13	2 30	15 24	9 4	6 54			
S 15	3 23	5 1	0s50	8 9	1 47	14 45	1 29	14 56	1 13	19 24	1 4	20 26	1 29	14 58	0 22	19 52	1 33	19 23	15 3	2 13	2 29	15 23	9 5	6 54			
S 16	3 0	9 1	2 4	8 44	1 55	15 12	1 34	14 44	1 13	19 24	1 4	20 27	1 28	14 59	0 22	19 53	1 33	19 24	15 3	2 13	2 28	15 22	9 6	6 53			
M17	2 37	12 26	3 8	9 19	2 3	15 38	1 38	14 32	1 13	19 24	1 4	20 28	1 28	15 0	0 22	19 53	1 33	19 24	15 3	2 13	2 27	15 21	9 7	6 53			
T 18	2 14	15 7	4 0	9 52	2 11	16 4	1 43	14 19	1 14	19 24	1 5	20 28	1 28	15 1	0 22	19 53	1 33	19 24	15 3	2 14	2 25	15 20	9 7	6 53			
W19	1 51	16 59	4 40	10 25	2 18	16 30	1 47	14 7	1 14	19 24	1 5	20 29	1 28	15 2	0 22	19 53	1 33	19 25	15 3	2 14	2 24	15 19	9 8	6 52			
T 20	1 27	18 0	5 5	10 57	2 26	16 55	1 51	13 54	1 14	19 24	1 5	20 30	1 28	15 3	0 22	19 54	1 33	19 25	15 3	2 14	2 23	15 18	9 9	6 52			
F 21	1 4	18 11	5 16	11 27	2 33	17 20	1 56	13 42	1 14	19 24	1 5	20 30	1 27	15 3	0 22	19 54	1 33	19 26	15 3	2 14	2 21	15 17	9 10	6 52			
S 22	0 41	17 32	5 14	11 56	2 40	17 44	2 0	13 29	1 15	19 24	1 5	20 31	1 27	15 4	0 22	19 54	1 33	19 26	15 3	2 14	2 20	15 16	9 11	6 51			
S 23	0 17	16 8	4 58	12 24	2 47	18 8	2 4	13 16	1 15	19 24	1 5	20 32	1 27	15 5	0 22	19 54	1 33	19 27	15 3	2 14	2 19	15 15	9 12	6 51			
M24	0s 6	14 2	4 29	12 51	2 54	18 32	2 9	13 3	1 15	19 24	1 5	20 33	1 27	15 6	0 22	19 54	1 33	19 27	15 3	2 14	2 18	15 13	9 13	6 50			
T 25	0 30	11 21	3 48	13 16	3 0	18 55	2 13	12 50	1 15	19 23	1 5	20 33	1 27	15 7	0 22	19 55	1 33	19 27	15 3	2 13	2 16	15 12	9 14	6 50			
W26	0 53	8 9	2 58	13 40	3 6	19 18	2 17	12 37	1 16	19 23	1 5	20 34	1 26	15 8	0 22	19 55	1 33	19 28	15 3	2 13	2 15	15 11	9 15	6 50			
T 27	1 17	4 34	1 58	14 2	3 11	19 41	2 22	12 24	1 16	19 23	1 6	20 35	1 26	15 9	0 22	19 55	1 33	19 28	15 2	2 13	2 14	15 10	9 16	6 49			
F 28	1 40	0 44	0 52	14 21	3 16	20 3	2 26	12 11	1 16	19 22	1 6	20 36	1 26	15 10	0 22	19 55	1 33	19 29	15 2	2 13	2 13	15 9	9 17	6 49			
S 29	2 3	3s13	0n18	14 39	3 20	20 25	2 30	11 58	1 16	19 22	1 6	20 36	1 26	15 11	0 22	19 56	1 33	19 29	15 2	2 13	2 11	15 8	9 18	6 49			
S 30	2s27	7s 4	1n28	14s55	3s24	20s46	2s34	11n45	1n16	19n22	1s 6	20s37	1n26	15s12	0n22	19s56	1n33	19s29	15s 2	2s13	2s10	15n 7	9s19	6n48			

ASTRODIENST EPHEMERIS for the year 1810
geocentric

OCTOBER 1810

00:00 UT

Day	Sid.t	☉	☽	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
M 1	0 36 16	7♌ 8'30	4♌40	1♌13	23♌ 5	3♌14	1°R14	10♌30	12♌21	6♌46	15°R35	5°R34	5♌24	2♌49	16°R48	M 1
T 2	0 40 13	8° 7'37	17°57	1°37	24° 9	3°51	1♌12	10°35	12°25	6°47	15°R33	5♌34	5°21	2°55	16°R47	T 2
W 3	0 44 9	9° 6'45	1♌27	1°56	25°14	4°28	1°10	10°39	12°28	6°48	15°32	5°34	5°18	3° 2	16°45	W 3
T 4	0 48 6	10° 5'56	15°10	2° 9	26°18	5° 6	1° 7	10°44	12°31	6°50	15°31	5°33	5°15	3° 9	16°44	T 4
F 5	0 52 2	11° 5'08	29° 4	2°R15	27°22	5°43	1° 4	10°48	12°35	6°51	15°30	5°33	5°11	3°15	16°42	F 5
S 6	0 55 59	12° 4'22	13♌ 9	2°14	28°26	6°20	1° 1	10°53	12°38	6°53	15°29	5°D33	5° 8	3°22	16°41	S 6
S 7	0 59 55	13° 3'38	27°22	2° 6	29°29	6°58	0°58	10°58	12°41	6°54	15°28	5°33	5° 5	3°29	16°40	S 7
M 8	1 3 52	14° 2'55	11♌42	1°50	0♌32	7°35	0°55	11° 3	12°45	6°56	15°27	5°34	5° 2	3°36	16°39	M 8
T 9	1 7 48	15° 2'14	26° 5	1°26	1°35	8°12	0°51	11° 7	12°48	6°57	15°26	5°34	4°59	3°42	16°37	T 9
W10	1 11 45	16° 1'35	10♌27	0°53	2°38	8°49	0°48	11°12	12°51	6°59	15°25	5°35	4°56	3°49	16°36	W10
T 11	1 15 42	17° 0'58	24°45	0°12	3°40	9°26	0°44	11°17	12°55	7° 0	15°24	5°36	4°52	3°56	16°35	T 11
F 12	1 19 38	18° 0'22	8♌54	29♌24	4°42	10° 3	0°40	11°22	12°58	7° 2	15°23	5°R36	4°49	4° 2	16°34	F 12
S 13	1 23 35	18°59'49	22°49	28°27	5°44	10°41	0°35	11°28	13° 2	7° 4	15°22	5°35	4°46	4° 9	16°33	S 13
S 14	1 27 31	19°59'18	6♌27	27°25	6°46	11°18	0°31	11°33	13° 5	7° 5	15°21	5°34	4°43	4°16	16°32	S 14
M15	1 31 28	20°58'49	19°45	26°16	7°47	11°55	0°26	11°38	13° 9	7° 7	15°20	5°32	4°40	4°22	16°32	M15
T 16	1 35 24	21°58'22	2♌44	25° 4	8°48	12°32	0°21	11°43	13°12	7° 9	15°19	5°30	4°36	4°29	16°31	T 16
W17	1 39 21	22°57'57	15°23	23°50	9°48	13° 9	0°16	11°49	13°16	7°10	15°18	5°27	4°33	4°36	16°30	W17
T 18	1 43 17	23°57'35	27°45	22°36	10°48	13°46	0°11	11°54	13°20	7°12	15°17	5°25	4°30	4°43	16°30	T 18
F 19	1 47 14	24°57'15	9♌53	21°25	11°48	14°23	0° 6	12° 0	13°23	7°14	15°16	5°24	4°27	4°49	16°29	F 19
S 20	1 51 11	25°56'57	21°51	20°17	12°47	15° 0	0° 1	12° 5	13°27	7°16	15°15	5°D23	4°24	4°56	16°29	S 20
S 21	1 55 7	26°56'41	3♌44	19°16	13°46	15°36	29♌55	12°11	13°30	7°18	15°14	5°23	4°21	5° 3	16°28	S 21
M22	1 59 4	27°56'28	15°35	18°24	14°45	16°13	29°49	12°17	13°34	7°19	15°13	5°24	4°17	5° 9	16°28	M22
T 23	2 3 0	28°56'17	27°31	17°41	15°43	16°50	29°43	12°22	13°38	7°21	15°13	5°25	4°14	5°16	16°27	T 23
W24	2 6 57	29°56'08	9♌36	17° 9	16°41	17°27	29°37	12°28	13°41	7°23	15°12	5°27	4°11	5°23	16°27	W24
T 25	2 10 53	0♌56'01	21°54	16°48	17°38	18° 4	29°31	12°34	13°45	7°25	15°11	5°29	4° 8	5°29	16°27	T 25
F 26	2 14 50	1°55'56	4♌27	16°D38	18°35	18°40	29°24	12°40	13°49	7°27	15°10	5°R29	4° 5	5°36	16°27	F 26
S 27	2 18 46	2°55'53	17°18	16°40	19°31	19°17	29°18	12°46	13°52	7°29	15° 9	5°29	4° 1	5°43	16°D27	S 27
S 28	2 22 43	3°55'53	0♌29	16°53	20°27	19°54	29°11	12°52	13°56	7°31	15° 9	5°27	3°58	5°50	16°27	S 28
M29	2 26 39	4°55'54	13°57	17°16	21°23	20°31	29° 4	12°58	14° 0	7°33	15° 8	5°23	3°55	5°56	16°27	M29
T 30	2 30 36	5°55'57	27°42	17°48	22°17	21° 7	28°58	13° 4	14° 3	7°35	15° 7	5°19	3°52	6° 3	16°27	T 30
W31	2 34 33	6♌56'02	11♌39	18♌30	23♌12	21♌44	28♌51	13♌10	14♌ 7	7♌37	15♌ 7	5♌14	3♌49	6♌10	16°R27	W31

Day	☉	☾		♀		♀		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂		♂																	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat																
M 1	2s50	10s40	2n35	15s 9	3s27	21s 7	2s38	11n31	1n17	19n21	1s 6	20s38	1n25	15s13	0n22	19s56	1n33	19s30	15s 2	2s13	2s 9	15n 6	9s19	6n48	T 2	3 14	13 46	3 34	15 19	3 30	21 27	2 42	11 18	1 17	19 21	1 6	20 39	1 25	15 14	0 22	19 57	1 33	19 30	15 2	2 13	2 8	15 5	9 20	6 47
W 3	3 37	16 11	4 23	15 28	3 31	21 47	2 46	11 5	1 17	19 20	1 6	20 40	1 25	15 15	0 21	19 57	1 32	19 30	15 2	2 13	2 6	15 4	9 21	6 47	T 4	4 0	17 42	4 57	15 33	3 32	22 6	2 50	10 51	1 17	19 19	1 6	20 40	1 25	15 16	0 21	19 57	1 32	19 31	15 2	2 13	2 5	15 3	9 22	6 47
F 5	4 23	18 12	5 15	15 34	3 32	22 25	2 54	10 38	1 18	19 19	1 6	20 41	1 25	15 17	0 21	19 57	1 32	19 31	15 2	2 12	2 4	15 1	9 23	6 46	S 6	4 47	17 36	5 14	15 33	3 30	22 43	2 58	10 24	1 18	19 18	1 6	20 42	1 25	15 18	0 21	19 58	1 32	19 31	15 1	2 12	2 3	15 0	9 24	6 46
S 7	5 10	15 53	4 55	15 27	3 27	23 1	3 2	10 10	1 18	19 17	1 6	20 43	1 24	15 19	0 21	19 58	1 32	19 32	15 1	2 12	2 1	14 59	9 24	6 45	M 8	5 33	13 11	4 16	15 17	3 23	23 18	3 5	9 57	1 18	19 17	1 6	20 44	1 24	15 20	0 21	19 58	1 32	19 32	15 1	2 13	2 0	14 58	9 25	6 45
T 9	5 56	9 40	3 22	15 3	3 17	23 35	3 9	9 43	1 19	19 16	1 7	20 45	1 24	15 21	0 21	19 59	1 32	19 32	15 1	2 13	1 59	14 57	9 26	6 44	W10	6 19	5 34	2 15	14 45	3 9	23 51	3 13	9 29	1 19	19 15	1 7	20 45	1 24	15 22	0 21	19 59	1 32	19 32	15 1	2 13	1 58	14 56	9 27	6 44
T 11	6 41	1 10	1 0	14 22	3 0	24 7	3 16	9 15	1 19	19 14	1 7	20 46	1 24	15 23	0 21	19 59	1 32	19 33	15 1	2 14	1 56	14 55	9 27	6 44	F 12	7 4	3n15	0s18	13 54	2 49	24 22	3 20	9 2	1 19	19 13	1 7	20 47	1 24	15 24	0 21	19 59	1 32	19 33	15 1	2 14	1 55	14 54	9 28	6 43
S 13	7 27	7 26	1 34	13 22	2 36	24 37	3 23	8 48	1 19	19 12	1 7	20 48	1 23	15 26	0 21	20 0	1 32	19 33	15 0	2 13	1 54	14 53	9 29	6 43	S 14	7 49	11 7	2 42	12 46	2 21	24 51	3 26	8 34	1 20	19 11	1 7	20 49	1 23	15 27	0 21	20 0	1 32	19 33	15 0	2 13	1 52	14 51	9 29	6 42
M15	8 12	14 9	3 41	12 6	2 5	25 4	3 30	8 20	1 20	19 10	1 7	20 50	1 23	15 28	0 21	20 0	1 32	19 34	15 0	2 12	1 51	14 50	9 30	6 42	T 16	8 34	16 23	4 26	11 22	1 47	25 17	3 33	8 6	1 20	19 9	1 7	20 51	1 23	15 29	0 21	20 1	1 32	19 34	15 0	2 11	1 50	14 49	9 31	6 41
W17	8 56	17 45	4 56	10 37	1 28	25 30	3 36	7 52	1 20	19 8	1 7	20 51	1 23	15 30	0 21	20 1	1 32	19 34	15 0	2 10	1 49	14 48	9 31	6 41	T 18	9 18	18 14	5 13	9 51	1 8	25 41	3 39	7 38	1 20	19 7	1 7	20 52	1 23	15 31	0 21	20 1	1 32	19 34	14 59	2 9	1 47	14 47	9 32	6 41
F 19	9 40	17 52	5 14	9 5	0 47	25 53	3 41	7 24	1 21	19 6	1 7	20 53	1 22	15 32	0 21	20 2	1 32	19 34	14 59	2 9	1 46	14 46	9 33	6 40	S 20	10 2	16 42	5 3	8 21	0 27	26 3	3 44	7 10	1 21	19 5	1 7	20 54	1 22	15 33	0 21	20 2	1 32	19 35	14 59	2 8	1 45	14 45	9 33	6 40
S 21	10 24	14 50	4 38	7 39	0 6	26 13	3 47	6 55	1 21	19 3	1 7	20 55	1 22	15 34	0 21	20 2	1 32	19 35	14 59	2 8	1 44	14 43	9 34	6 39	M22	10 45	12 20	4 1	7 1	0n13	26 23	3 49	6 41	1 21	19 2	1 7	20 56	1 22	15 35	0 21	20 3	1 32	19 35	14 59	2 9	1 42	14 42	9 34	6 39
T 23	11 6	9 18	3 14	6 27	0 32	26 32	3 51	6 27	1 21	19 1	1 7	20 57	1 22	15 36	0 21	20 3	1 32	19 35	14 58	2 9	1 41	14 41	9 35	6 38	W24	11 28	5 51	2 18	5 59	0 49	26 40	4 54	6 13	1 22	19 0	1 7	20 58	1 22	15 38	0 21	20 3	1 32	19 35	14 58	2 10	1 40	14 40	9 35	6 38
T 25	11 49	2 5	1 14	5 36	1 5	26 48	3 56	5 59	1 22	18 58	1 7	20 59	1 22	15 39	0 21	20 4	1 32	19 35	14 58	2 11	1 39	14 39	9 36	6 37	F 26	12 9	1s51	0 6	5 20	1 19	26 55	3 58	5 44	1 22	18 57	1 7	20 59	1 21	15 40	0 21	20 4	1 32	19 35	14 58	2 11	1 37	14 38	9 36	6 37
S 27	12 30	5 49	1n 4	5 9	1 31	27 2	3 59	5 30	1 22	18 55	1 7	21 0	1 21	15 41	0 21	20 4	1 31	19 35	14 57	2 11	1 36	14 37	9 37	6 36	S 28	12 50	9 35	2 13	5 4	1 42	27 7	4 1	5 16	1 22	18 54	1 7	21 1	1 21	15 42	0 21	20 5	1 31	19 36	14 57	2 10	1 35	14 35	9 37	6 36
M29	13 11	12 56	3 15	5 5	1 51	27 13	4 3	5 2	1 22	18 53	1 7	21 2	1 21	15 43	0 21	20 5	1 31	19 36	14 57	2 9	1 34	14 34	9 38	6 35	T 30	13 31	15 39	4 7	5 10	1 58	27 18	4 4	4 47	1 23	18 51	1 7	21 3	1 21	15 44	0 21	20 5	1 31	19 36	14 57	2 7	1 32	14 33	9 38	6 35
W31	13s50	17s29	4n46	5s21	2n 4	27s22	4s 5	4n33	1n23	18n50	1s 7	21s 4	1n21	15s45	0n21	20s 6	1n31	19s36	14s56	2s 5	1s31	14n32	9s38	6n34																									

Julian Day Number = 2382421.5, Delta T = 15.20 sec
Ecliptic obliquity = 23°27'41", Nutation = 0°00'01", out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°05'52", Lahiri = 21°12'53"

ASTRODIENST EPHEMERIS for the year 1810
geocentric

DECEMBER 1810

00:00 UT

Day	Sid.t	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	Day
S 1	4 36 46	8♂11'46	4♂♂51	3♂16	13♂27	10♂21	24°R46	16♂38	16♂ 2	8♂44	14♂56	3°R10	2♂10	9♂37	17♂ 6	S 1
S 2	4 40 42	9°12'39	19°15	4°50	13°43	10°57	24♂38	16°45	16° 5	8°46	14°56	3♂ 6	2° 7	9°44	17° 9	S 2
M 3	4 44 39	10°13'34	3♂26	6°24	13°57	11°32	24°30	16°52	16° 9	8°49	14°56	3° 5	2° 4	9°51	17°11	M 3
T 4	4 48 35	11°14'29	17°23	7°58	14° 9	12° 7	24°23	16°59	16°12	8°51	14°57	3°D 5	2° 1	9°57	17°13	T 4
W 5	4 52 32	12°15'24	1♂ 5	9°32	14°18	12°43	24°15	17° 6	16°16	8°53	14°57	3°R 5	1°58	10° 4	17°16	W 5
T 6	4 56 29	13°16'20	14°35	11° 7	14°26	13°18	24° 8	17°13	16°19	8°55	14°57	3° 5	1°54	10°11	17°18	T 6
F 7	5 0 25	14°17'17	27°52	12°41	14°31	13°53	24° 1	17°20	16°22	8°58	14°57	3° 2	1°51	10°18	17°20	F 7
S 8	5 4 22	15°18'15	10♂58	14°15	14°33	14°28	23°54	17°27	16°26	9° 0	14°57	2°57	1°48	10°24	17°23	S 8
S 9	5 8 18	16°19'14	23°54	15°49	14°R34	15° 3	23°47	17°34	16°29	9° 2	14°57	2°48	1°45	10°31	17°26	S 9
M10	5 12 15	17°20'13	6♂38	17°24	14°31	15°38	23°40	17°41	16°33	9° 4	14°58	2°37	1°42	10°38	17°28	M10
T 11	5 16 11	18°21'13	19°12	18°58	14°27	16°13	23°33	17°48	16°36	9° 7	14°58	2°24	1°39	10°44	17°31	T 11
W12	5 20 8	19°22'14	1♂35	20°32	14°19	16°48	23°26	17°55	16°39	9° 9	14°58	2°10	1°35	10°51	17°34	W12
T 13	5 24 5	20°23'15	13°47	22° 7	14°10	17°23	23°20	18° 3	16°42	9°11	14°59	1°56	1°32	10°58	17°37	T 13
F 14	5 28 1	21°24'18	25°50	23°42	13°57	17°58	23°13	18°10	16°46	9°13	14°59	1°44	1°29	11° 4	17°39	F 14
S 15	5 31 58	22°25'21	7♂45	25°17	13°43	18°32	23° 7	18°17	16°49	9°16	14°59	1°34	1°26	11°11	17°42	S 15
S 16	5 35 54	23°26'25	19°34	26°52	13°26	19° 7	23° 1	18°24	16°52	9°18	15° 0	1°27	1°23	11°18	17°45	S 16
M17	5 39 51	24°27'30	1♂22	28°27	13° 6	19°42	22°55	18°31	16°55	9°20	15° 0	1°22	1°19	11°24	17°48	M17
T 18	5 43 47	25°28'35	13°14	0♂ 2	12°44	20°16	22°49	18°38	16°58	9°22	15° 1	1°21	1°16	11°31	17°51	T 18
W19	5 47 44	26°29'41	25°14	1°38	12°20	20°51	22°44	18°45	17° 2	9°24	15° 1	1°20	1°13	11°38	17°54	W19
T 20	5 51 40	27°30'49	7♂28	3°13	11°54	21°25	22°38	18°52	17° 5	9°27	15° 1	1°20	1°10	11°45	17°58	T 20
F 21	5 55 37	28°31'56	20° 2	4°49	11°26	22° 0	22°33	18°59	17° 8	9°29	15° 2	1°19	1° 7	11°51	18° 1	F 21
S 22	5 59 34	29°33'05	3♂ 0	6°25	10°57	22°34	22°28	19° 6	17°11	9°31	15° 3	1°16	1° 4	11°58	18° 4	S 22
S 23	6 3 30	0♂34'14	16°26	8° 1	10°25	23° 8	22°23	19°13	17°14	9°33	15° 3	1°11	1° 0	12° 5	18° 7	S 23
M24	6 7 27	1°35'24	0♂21	9°38	9°53	23°42	22°18	19°20	17°17	9°35	15° 4	1° 3	0°57	12°11	18°11	M24
T 25	6 11 23	2°36'34	14°44	11°14	9°19	24°16	22°14	19°27	17°20	9°37	15° 4	0°52	0°54	12°18	18°14	T 25
W26	6 15 20	3°37'45	29°29	12°51	8°44	24°51	22° 9	19°34	17°22	9°39	15° 5	0°40	0°51	12°25	18°17	W26
T 27	6 19 16	4°38'56	14♂28	14°28	8° 8	25°24	22° 5	19°41	17°25	9°41	15° 6	0°28	0°48	12°31	18°21	T 27
F 28	6 23 13	5°40'07	29°33	16° 4	7°32	25°58	22° 1	19°48	17°28	9°44	15° 6	0°17	0°45	12°38	18°24	F 28
S 29	6 27 9	6°41'18	14♂32	17°41	6°55	26°32	21°57	19°55	17°31	9°46	15° 7	0° 9	0°41	12°45	18°28	S 29
S 30	6 31 6	7°42'29	29°17	19°18	6°18	27° 6	21°54	20° 2	17°34	9°48	15° 8	0° 3	0°38	12°51	18°31	S 30
M31	6 35 3	8♂43'39	13♂43	20♂55	5♂42	27♂40	21♂50	20♂ 9	17♂36	9♂50	15♂ 8	0♂ 0	0♂35	12♂58	18♂35	M31

Day	☉	☽	♂	♀	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂	♂
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl
S 1	21s42	14s53	4n19	21s 5	0s15	25s29	2s43	2s46	1n27	17n56	1 s 4	21s30	1n18	16s19	0n21	20s17
S 2	21 51	11 43	3 31	21 29	0 22	25 19	2 35	3 0	1 27	17 55	1 4	21 31	1 17	16 20	0 21	20 17
M 3	22 0	7 55	2 31	21 52	0 28	25 9	2 26	3 14	1 27	17 53	1 4	21 32	1 17	16 21	0 21	20 18
T 4	22 9	3 43	1 23	22 14	0 35	24 59	2 17	3 27	1 27	17 51	1 4	21 32	1 17	16 22	0 21	20 18
W 5	22 17	0n36	0 11	22 35	0 41	24 49	2 8	3 41	1 28	17 50	1 3	21 33	1 17	16 23	0 21	20 18
T 6	22 25	4 49	1 s 1	22 55	0 47	24 38	1 58	3 55	1 28	17 48	1 3	21 34	1 17	16 24	0 21	20 19
F 7	22 32	8 44	2 8	23 13	0 53	24 27	1 48	4 8	1 28	17 46	1 3	21 35	1 17	16 25	0 21	20 19
S 8	22 39	12 11	3 6	23 31	0 59	24 16	1 37	4 22	1 28	17 45	1 3	21 35	1 17	16 26	0 21	20 19
S 9	22 45	14 58	3 55	23 47	1 5	24 5	1 26	4 35	1 28	17 43	1 3	21 36	1 17	16 27	0 21	20 20
M10	22 51	17 0	4 31	24 2	1 11	23 54	1 14	4 48	1 28	17 42	1 2	21 37	1 17	16 28	0 21	20 20
T 11	22 57	18 10	4 53	24 16	1 16	23 42	1 2	5 2	1 28	17 40	1 2	21 38	1 17	16 29	0 21	20 20
W12	23 2	18 27	5 0	24 29	1 21	23 30	0 49	5 15	1 28	17 39	1 2	21 38	1 17	16 30	0 21	20 21
T 13	23 7	17 52	4 54	24 40	1 26	23 18	0 36	5 28	1 28	17 38	1 2	21 39	1 17	16 31	0 21	20 21
F 14	23 11	16 30	4 35	24 50	1 31	23 6	0 23	5 42	1 28	17 36	1 2	21 40	1 17	16 32	0 21	20 21
S 15	23 15	14 26	4 3	24 58	1 36	22 54	0 9	5 55	1 28	17 35	1 1	21 40	1 17	16 33	0 21	20 22
S 16	23 18	11 46	3 22	25 6	1 40	22 41	0n 6	6 8	1 28	17 34	1 1	21 41	1 17	16 33	0 21	20 22
M17	23 21	8 38	2 31	25 11	1 44	22 29	0 20	6 21	1 28	17 32	1 1	21 42	1 17	16 34	0 21	20 22
T 18	23 23	5 9	1 34	25 16	1 48	22 16	0 35	6 34	1 28	17 31	1 1	21 42	1 17	16 35	0 21	20 23
W19	23 25	1 24	0 32	25 19	1 52	22 3	0 50	6 47	1 29	17 30	1 0	21 43	1 16	16 36	0 21	20 23
T 20	23 26	2s28	0n32	25 20	1 55	21 50	1 6	6 59	1 29	17 29	1 0	21 43	1 16	16 37	0 21	20 23
F 21	23 27	6 20	1 37	25 21	1 58	21 37	1 21	7 12	1 29	17 28	1 0	21 44	1 16	16 38	0 21	20 24
S 22	23 28	10 2	2 39	25 19	2 1	21 24	1 37	7 25	1 29	17 27	1 0	21 45	1 16	16 39	0 21	20 24
S 23	23 28	13 21	3 34	25 16	2 3	21 11	1 53	7 38	1 29	17 26	0 59	21 45	1 16	16 39	0 21	20 24
M24	23 27	16 1	4 19	25 12	2 5	20 58	2 8	7 50	1 29	17 25	0 59	21 46	1 16	16 40	0 21	20 25
T 25	23 26	17 48	4 49	25 6	2 7	20 45	2 24	8 3	1 29	17 24	0 59	21 46	1 16	16 41	0 21	20 25
W26	23 25	18 27	5 0	24 58	2 9	20 31	2 39	8 15	1 29	17 23	0 59	21 47	1 16	16 42	0 21	20 25
T 27	23 23	17 51	4 51	24 49	2 9	20 18	2 55	8 27	1 29	17 22	0 58	21 48	1 16	16 43	0 21	20 26
F 28	23 20	15 59	4 23	24 39	2 10	20 6	3 10	8 40	1 29	17 21	0 58	21 48	1 16	16 44	0 21	20 26
S 29	23 18	13 3	3 36	24 26	2 10	19 53	3 24	8 52	1 29	17 20	0 58	21 49	1 16	16 44	0 21	20 26
S 30	23 14	9 19	2 35	24 12	2 10	19 41	3 38	9 4	1 29	17 20	0 58	21 49	1 16	16 45	0 21	20 26
M31	23s10	5s 6	1n25	23s57	2s 9	19s28	3n52	9s16	1n29	17n19	0s57	21s50	1n16	16s46	0n21	20s27

Julian Day Number = 2382482.5, Delta T = 15.21 sec
Ecliptic obliquity = 23°27'40, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°06'00, Lahiri = 21°13'01