Astrodienst Ephemeris Tables

for the year 1850

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 1850
geocentric

JANUARY 1850 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 41 10	10♑17'16	14♌25	17♑43	25♐35	21°R26	23♍ 0	1♈52	22°D20	2♓41	26°R55	24°R30	26♌12	10♑ 2	5♐47	T 1
W 2	6 45 6	11°18'25	29° 0	19°21	26°51	21♊ 8	23° 2	1°55	22♈20	2°43	26♈55	24°D30	26° 9	10° 9	5°54	W 2
T 3	6 49 3	12°19'33	13♍ 8	21° 0	28° 6	20°51	23° 3	1°58	22°20	2°44	26°54	24♌31	26° 6	10°15	6° 0	T 3
F 4	6 52 59	13°20'42	26°49	22°38	29°21	20°35	23° 3	2° 1	22°20	2°46	26°54	24°32	26° 2	10°22	6° 7	F 4
S 5	6 56 56	14°21'51	10♎ 4	24°17	0♑37	20°19	23° 4	2° 4	22°20	2°48	26°54	24°R33	25°59	10°29	6°13	S 5
S 6	7 0 52	15°23'00	22°56	25°56	1°52	20° 4	23° 4	2° 8	22°20	2°49	26°54	24°33	25°56	10°35	6°20	S 6
M 7	7 4 49	16°24'10	5♏29	27°35	3° 7	19°50	23° 5	2°11	22°21	2°51	26°54	24°31	25°53	10°42	6°26	M 7
T 8	7 8 45	17°25'19	17°47	29°13	4°23	19°37	23°R 5	2°15	22°21	2°53	26°54	24°28	25°50	10°49	6°33	T 8
W 9	7 12 42	18°26'28	29°53	0♒52	5°38	19°24	23° 5	2°18	22°21	2°54	26°54	24°22	25°46	10°56	6°39	W 9
T 10	7 16 39	19°27'38	11♐52	2°30	6°53	19°13	23° 4	2°22	22°22	2°56	26°54	24°16	25°43	11° 2	6°46	T 10
F 11	7 20 35	20°28'47	23°45	4° 8	8° 9	19° 2	23° 4	2°26	22°22	2°58	26°D54	24° 9	25°40	11° 9	6°52	F 11
S 12	7 24 32	21°29'56	5♑35	5°45	9°24	18°52	23° 3	2°30	22°23	3° 0	26°54	24° 3	25°37	11°16	6°58	S 12
S 13	7 28 28	22°31'04	17°25	7°21	10°40	18°42	23° 2	2°34	22°24	3° 2	26°54	23°57	25°34	11°22	7° 4	S 13
M14	7 32 25	23°32'12	29°15	8°56	11°55	18°34	23° 1	2°38	22°24	3° 3	26°54	23°53	25°31	11°29	7°10	M14
T 15	7 36 21	24°33'20	11♒ 8	10°30	13°10	18°26	23° 0	2°42	22°25	3° 5	26°54	23°51	25°27	11°36	7°16	T 15
W16	7 40 18	25°34'27	23° 6	12° 2	14°26	18°19	22°58	2°46	22°26	3° 7	26°54	23°D50	25°24	11°42	7°22	W16
T 17	7 44 14	26°35'33	5♓11	13°32	15°41	18°13	22°57	2°51	22°27	3° 9	26°54	23°51	25°21	11°49	7°28	T 17
F 18	7 48 11	27°36'38	17°26	14°59	16°56	18° 8	22°55	2°55	22°27	3°11	26°54	23°52	25°18	11°56	7°34	F 18
S 19	7 52 8	28°37'43	29°53	16°23	18°12	18° 3	22°53	3° 0	22°28	3°13	26°55	23°54	25°15	12° 2	7°40	S 19
S 20	7 56 4	29°38'46	12♈38	17°43	19°27	18° 0	22°50	3° 4	22°29	3°15	26°55	23°55	25°12	12° 9	7°45	S 20
M21	8 0 1	0♒39'49	25°42	18°58	20°42	17°57	22°48	3° 9	22°30	3°17	26°55	23°R56	25° 8	12°16	7°51	M21
T 22	8 3 57	1°40'50	9♉10	20° 9	21°58	17°55	22°45	3°14	22°31	3°19	26°55	23°56	25° 5	12°22	7°57	T 22
W23	8 7 54	2°41'51	23° 2	21°14	23°13	17°54	22°42	3°19	22°33	3°21	26°55	23°55	25° 2	12°29	8° 2	W23
T 24	8 11 50	3°42'51	7♊20	22°12	24°28	17°D53	22°40	3°24	22°34	3°23	26°56	23°53	24°59	12°36	8° 8	T 24
F 25	8 15 47	4°43'49	22° 0	23° 2	25°44	17°54	22°36	3°29	22°35	3°25	26°56	23°50	24°56	12°42	8°13	F 25
S 26	8 19 43	5°44'46	6♋59	23°44	26°59	17°55	22°33	3°34	22°36	3°27	26°56	23°48	24°52	12°49	8°18	S 26
S 27	8 23 40	6°45'42	22° 7	24°17	28°14	17°57	22°29	3°39	22°38	3°29	26°57	23°46	24°49	12°56	8°23	S 27
M28	8 27 37	7°46'38	7♌16	24°40	29°29	17°59	22°26	3°44	22°39	3°31	26°57	23°44	24°46	13° 2	8°28	M28
T 29	8 31 33	8°47'32	22°16	24°53	0♒45	18° 3	22°22	3°49	22°40	3°33	26°58	23°D44	24°43	13° 9	8°34	T 29
W30	8 35 30	9°48'25	6♍59	24°R54	2° 0	18° 7	22°18	3°55	22°42	3°35	26°58	23°44	24°40	13°16	8°38	W30
T 31	8 39 26	10♒49'17	21♍19	24♒44	3♒15	18♊11	22♍14	4♈ 0	22♈43	3♓37	26♈58	23♌45	24♌37	13♑23	8♐43	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 3	15n39	0s54	24s23	2s 7	23s 7	0n15	26n29	3n19	3n57	1n16	1s27	2s23	8n 9	0s35	11s11	0s43	5s31	17s 1	13n22	12n48	19s22	17s43	3n38
W 2	22 58	12 13	0n24	24 10	2 8	23 12	0 13	26 28	3 19	3 56	1 16	1 26	2 23	8 9	0 35	11 11	0 43	5 31	17 0	13 22	12 49	19 22	17 44	3 38
T 3	22 53	8 10	1 39	23 56	2 8	23 16	0 10	26 28	3 20	3 56	1 17	1 24	2 23	8 10	0 35	11 10	0 43	5 30	17 0	13 22	12 50	19 22	17 44	3 38
F 4	22 47	3 49	2 46	23 40	2 8	23 19	0 8	26 27	3 20	3 56	1 17	1 23	2 23	8 10	0 35	11 10	0 43	5 30	17 0	13 21	12 51	19 23	17 45	3 39
S 5	22 41	0s35	3 42	23 22	2 8	23 22	0 5	26 26	3 20	3 56	1 17	1 21	2 22	8 10	0 35	11 9	0 43	5 30	16 59	13 21	12 52	19 23	17 46	3 39
S 6	22 34	4 49	4 25	23 3	2 7	23 24	0 3	26 25	3 20	3 56	1 17	1 20	2 22	8 10	0 35	11 8	0 43	5 30	16 59	13 21	12 53	19 23	17 46	3 40
M 7	22 27	8 44	4 54	22 42	2 5	23 25	0 1	26 24	3 21	3 56	1 18	1 18	2 22	8 10	0 35	11 8	0 43	5 29	16 59	13 21	12 54	19 23	17 47	3 40
T 8	22 19	12 12	5 9	22 20	2 3	23 25	0s 2	26 23	3 21	3 57	1 18	1 16	2 22	8 10	0 35	11 7	0 43	5 29	16 58	13 23	12 55	19 23	17 48	3 41
W 9	22 11	15 6	5 9	21 56	2 0	23 25	0 4	26 22	3 21	3 57	1 18	1 15	2 22	8 10	0 35	11 7	0 43	5 29	16 58	13 24	12 56	19 23	17 48	3 41
T 10	22 3	17 20	4 57	21 31	1 57	23 24	0 7	26 21	3 21	3 57	1 19	1 13	2 21	8 11	0 35	11 6	0 43	5 28	16 58	13 27	12 57	19 23	17 49	3 41
F 11	21 54	18 48	4 31	21 4	1 53	23 22	0 9	26 20	3 20	3 58	1 19	1 11	2 21	8 11	0 35	11 5	0 43	5 28	16 57	13 29	12 58	19 23	17 49	3 42
S 12	21 44	19 27	3 54	20 36	1 48	23 19	0 12	26 19	3 20	3 58	1 19	1 10	2 21	8 11	0 35	11 5	0 43	5 28	16 57	13 31	12 59	19 23	17 50	3 42
S 13	21 34	19 15	3 6	20 6	1 43	23 16	0 14	26 18	3 20	3 59	1 19	1 8	2 21	8 11	0 35	11 4	0 43	5 27	16 57	13 33	13 1	19 23	17 51	3 43
M14	21 24	18 11	2 11	19 36	1 37	23 12	0 17	26 17	3 20	4 0	1 20	1 6	2 21	8 12	0 34	11 3	0 43	5 27	16 56	13 34	13 2	19 24	17 51	3 43
T 15	21 14	16 20	1 9	19 4	1 30	23 7	0 19	26 16	3 19	4 0	1 20	1 4	2 20	8 12	0 34	11 3	0 43	5 27	16 56	13 35	13 3	19 24	17 52	3 44
W16	21 3	13 46	0 4	18 31	1 22	23 2	0 21	26 15	3 19	4 1	1 20	1 2	2 20	8 12	0 34	11 2	0 43	5 26	16 55	13 35	13 4	19 24	17 52	3 44
T 17	20 51	10 35	1s 2	17 57	1 14	22 56	0 24	26 14	3 18	4 2	1 21	1 0	2 20	8 13	0 34	11 1	0 43	5 26	16 55	13 35	13 5	19 24	17 53	3 45
F 18	20 39	6 54	2 6	17 23	1 5	22 49	0 26	26 13	3 18	4 3	1 21	0 58	2 20	8 13	0 34	11 1	0 43	5 25	16 55	13 35	13 6	19 24	17 53	3 45
S 19	20 27	2 53	3 6	16 48	0 54	22 41	0 28	26 12	3 17	4 4	1 21	0 57	2 20	8 13	0 34	11 0	0 43	5 25	16 54	13 34	13 7	19 24	17 53	3 46
S 20	20 14	1n21	3 57	16 13	0 43	22 33	0 31	26 11	3 17	4 5	1 21	0 54	2 19	8 14	0 34	10 59	0 43	5 25	16 54	13 33	13 8	19 24	17 54	3 46
M21	20 1	5 37	4 38	15 38	0 31	22 24	0 33	26 10	3 16	4 7	1 22	0 52	2 19	8 14	0 34	10 58	0 43	5 24	16 54	13 33	13 9	19 24	17 54	3 47
T 22	19 48	9 44	5 5	15 4	0 18	22 15	0 35	26 9	3 15	4 8	1 22	0 50	2 19	8 15	0 34	10 58	0 43	5 24	16 53	13 33	13 10	19 24	17 55	3 47
W23	19 34	13 27	5 16	14 30	0 4	22 4	0 37	26 8	3 15	4 9	1 22	0 48	2 19	8 15	0 34	10 57	0 43	5 23	16 53	13 34	13 11	19 24	17 55	3 48
T 24	19 20	16 30	5 7	13 57	0n11	21 53	0 39	26 7	3 14	4 11	1 22	0 46	2 19	8 15	0 34	10 56	0 43	5 23	16 53	13 34	13 12	19 24	17 55	3 48
F 25	19 6	18 35	4 38	13 26	0 26	21 42	0 42	26 7	3 13	4 12	1 23	0 44	2 18	8 16	0 34	10 55	0 43	5 22	16 52	13 35	13 13	19 24	17 56	3 49
S 26	18 51	19 26	3 51	12 57	0 42	21 29	0 44	26 6	3 13	4 14	1 23	0 42	2 18	8 16	0 34	10 55	0 43	5 22	16 52	13 36	13 14	19 24	17 56	3 49
S 27	18 36	18 54	2 46	12 30	0 59	21 17	0 46	26 6	3 12	4 15	1 23	0 40	2 18	8 17	0 34	10 54	0 43	5 22	16 51	13 37	13 15	19 24	17 56	3 50
M28	18 20	17 1	1 30	12 7	1 16	21 3	0 48	26 5	3 11	4 17	1 23	0 37	2 18	8 17	0 34	10 53	0 43	5 21	16 51	13 37	13 17	19 24	17 56	3 50
T 29	18 4	13 58	0 8	11 46	1 34	20 49	0 50	26 4	3 10	4 19	1 24	0 35	2 18	8 18	0 34	10 52	0 43	5 21	16 51	13 37	13 18	19 24	17 57	3 51
W30	17 48	10 5	1n13	11 29	1 51	20 34	0 52	26 4	3 9	4 21	1 24	0 33	2 18	8 19	0 34	10 52	0 43	5 20	16 50	13 37	13 19	19 24	17 57	3 51
T 31	17s32	5n42	2n27	11s16	2n 8	20s19	0s54	26n 4	3n 8	4n23	1n24	0s31	2s17	8n19	0s34	10s51	0s43	5s20	16s50	13n37	13n20	19s24	17s57	3n52

Julian Day Number = 2396758.5, Delta T = 9.27 sec
Ecliptic obliquity = 23°27'23, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°38'45, Lahiri = 21°45'45

ASTRODIENST EPHEMERIS for the year 1850
geocentric

FEBRUARY 1850 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 43 23	11♒50'08	5♎12	24°R24	4♒31	18♊17	22°R 9	4♈ 6	22♈45	3♓40	26♈59	23♌46	24♌33	13♑29	8♐48	F 1
S 2	8 47 19	12°50'59	18°37	23♒52	5°46	18°23	22♍ 5	4°11	22°47	3°42	26°59	23°47	24°30	13°36	8°53	S 2
S 3	8 51 16	13°51'48	1♏38	23°10	7° 1	18°29	22° 0	4°17	22°48	3°44	27° 0	23°48	24°27	13°43	8°58	S 3
M 4	8 55 12	14°52'37	14°15	22°19	8°16	18°37	21°55	4°23	22°50	3°46	27° 0	23°R48	24°24	13°49	9° 2	M 4
T 5	8 59 9	15°53'25	26°34	21°21	9°32	18°45	21°50	4°28	22°52	3°48	27° 1	23°48	24°21	13°56	9° 7	T 5
W 6	9 3 6	16°54'12	8♐40	20°16	10°47	18°53	21°45	4°34	22°53	3°50	27° 1	23°47	24°18	14° 3	9°11	W 6
T 7	9 7 2	17°54'57	20°35	19° 7	12° 2	19° 3	21°39	4°40	22°55	3°53	27° 2	23°47	24°14	14° 9	9°15	T 7
F 8	9 10 59	18°55'42	2♑25	17°56	13°17	19°12	21°34	4°46	22°57	3°55	27° 3	23°46	24°11	14°16	9°20	F 8
S 9	9 14 55	19°56'26	14°14	16°45	14°33	19°23	21°28	4°52	22°59	3°57	27° 3	23°45	24° 8	14°23	9°24	S 9
S 10	9 18 52	20°57'08	26° 4	15°36	15°48	19°34	21°23	4°58	23° 1	3°59	27° 4	23°45	24° 5	14°29	9°28	S 10
M11	9 22 48	21°57'49	7♒58	14°30	17° 3	19°45	21°17	5° 4	23° 3	4° 2	27° 5	23°45	24° 2	14°36	9°32	M11
T 12	9 26 45	22°58'29	19°59	13°29	18°18	19°57	21°11	5°11	23° 5	4° 4	27° 5	23°45	23°58	14°43	9°36	T 12
W13	9 30 41	23°59'07	2♓ 8	12°33	19°33	20°10	21° 4	5°17	23° 7	4° 6	27° 6	23°45	23°55	14°49	9°39	W13
T 14	9 34 38	24°59'44	14°27	11°44	20°48	20°23	20°58	5°23	23° 9	4° 8	27° 7	23°45	23°52	14°56	9°43	T 14
F 15	9 38 35	26° 0'19	26°57	11° 3	22° 4	20°37	20°52	5°30	23°11	4°11	27° 7	23°44	23°49	15° 3	9°47	F 15
S 16	9 42 31	27° 0'53	9♈40	10°29	23°19	20°51	20°45	5°36	23°14	4°13	27° 8	23°44	23°46	15° 9	9°50	S 16
S 17	9 46 28	28° 1'25	22°37	10° 3	24°34	21° 6	20°38	5°42	23°16	4°15	27° 9	23°44	23°43	15°16	9°54	S 17
M18	9 50 24	29° 1'55	5♉50	9°44	25°49	21°21	20°32	5°49	23°18	4°17	27°10	23°43	23°39	15°23	9°57	M18
T 19	9 54 21	0♓ 2'23	19°19	9°33	27° 4	21°37	20°25	5°55	23°21	4°20	27°11	23°43	23°36	15°29	10° 0	T 19
W20	9 58 17	1° 2'49	3♊ 5	9°D29	28°19	21°53	20°18	6° 2	23°23	4°22	27°11	23°D43	23°33	15°36	10° 3	W20
T 21	10 2 14	2° 3'14	17° 9	9°32	29°34	22°10	20°11	6° 9	23°25	4°24	27°12	23°43	23°30	15°43	10° 6	T 21
F 22	10 6 10	3° 3'36	1♋29	9°42	0♓49	22°27	20° 4	6°15	23°28	4°26	27°13	23°43	23°27	15°49	10° 9	F 22
S 23	10 10 7	4° 3'57	16° 3	9°57	2° 4	22°44	19°56	6°22	23°30	4°29	27°14	23°44	23°23	15°56	10°12	S 23
S 24	10 14 4	5° 4'15	0♌46	10°18	3°19	23° 2	19°49	6°29	23°33	4°31	27°15	23°45	23°20	16° 3	10°15	S 24
M25	10 18 0	6° 4'32	15°33	10°45	4°34	23°20	19°42	6°36	23°35	4°33	27°16	23°46	23°17	16° 9	10°18	M25
T 26	10 21 57	7° 4'46	0♍16	11°16	5°49	23°39	19°34	6°43	23°38	4°36	27°17	23°R46	23°14	16°16	10°20	T 26
W27	10 25 53	8° 4'59	14°49	11°52	7° 4	23°58	19°27	6°50	23°40	4°38	27°18	23°45	23°11	16°23	10°23	W27
T 28	10 29 50	9♓ 5'10	29♍ 6	12♒33	8♓19	24♊17	19♍19	6♈57	23♈43	4♓40	27♈19	23♌44	23♌ 8	16♑29	10♐25	T 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
F 1	17s15	1n 9	3n30	11s 7	2n25	20s 3	0s55	26n 3	3n 8	4n25	1n24	0s28	2s17	8n20	0s34	10s50	0s43	5s19	16s50	13n36	13n21	19s24	17s57	3n53
S 2	16 58	3s18	4 20	11 3	2 41	19 46	0 57	26 3	3 7	4 27	1 25	0 26	2 17	8 20	0 34	10 49	0 43	5 19	16 49	13 36	13 22	19 24	17 57	3 53
S 3	16 41	7 27	4 54	11 2	2 55	19 29	0 59	26 2	3 6	4 29	1 25	0 23	2 17	8 21	0 34	10 49	0 43	5 18	16 49	13 36	13 23	19 24	17 58	3 54
M 4	16 23	11 8	5 13	11 7	3 9	19 11	1 1	26 2	3 5	4 31	1 25	0 21	2 17	8 22	0 34	10 48	0 43	5 18	16 49	13 36	13 24	19 24	17 58	3 54
T 5	16 5	14 16	5 17	11 15	3 20	18 53	1 2	26 2	3 4	4 33	1 25	0 19	2 17	8 22	0 34	10 47	0 43	5 17	16 48	13 36	13 25	19 24	17 58	3 55
W 6	15 47	16 43	5 7	11 26	3 29	18 34	1 4	26 2	3 3	4 35	1 26	0 16	2 16	8 23	0 34	10 46	0 43	5 17	16 48	13 36	13 26	19 24	17 58	3 55
T 7	15 28	18 25	4 43	11 41	3 36	18 15	1 5	26 2	3 2	4 38	1 26	0 14	2 16	8 24	0 34	10 45	0 43	5 16	16 48	13 36	13 27	19 24	17 58	3 56
F 8	15 10	19 18	4 8	11 58	3 40	17 55	1 7	26 1	3 1	4 40	1 26	0 11	2 16	8 25	0 34	10 45	0 43	5 16	16 47	13 37	13 28	19 24	17 58	3 56
S 9	14 51	19 20	3 22	12 17	3 42	17 34	1 8	26 1	3 0	4 42	1 26	0 9	2 16	8 25	0 34	10 44	0 43	5 15	16 47	13 37	13 29	19 24	17 58	3 57
S 10	14 31	18 32	2 28	12 38	3 42	17 13	1 10	26 1	2 59	4 45	1 27	0 6	2 16	8 26	0 34	10 43	0 43	5 15	16 47	13 37	13 30	19 24	17 58	3 58
M11	14 12	16 54	1 27	13 0	3 39	16 52	1 11	26 1	2 58	4 47	1 27	0 4	2 16	8 27	0 34	10 42	0 43	5 14	16 46	13 37	13 31	19 24	17 58	3 58
T 12	13 52	14 30	0 21	13 22	3 35	16 30	1 13	26 1	2 57	4 50	1 27	0 1	2 16	8 28	0 34	10 41	0 43	5 14	16 46	13 37	13 32	19 24	17 58	3 59
W13	13 32	11 27	0s46	13 43	3 28	16 8	1 14	26 1	2 56	4 53	1 27	0n 2	2 15	8 28	0 33	10 41	0 43	5 13	16 46	13 37	13 33	19 24	17 58	3 59
T 14	13 12	7 51	1 53	14 4	3 20	15 45	1 15	26 1	2 55	4 55	1 27	0 4	2 15	8 29	0 33	10 40	0 43	5 12	16 45	13 37	13 34	19 24	17 58	4 0
F 15	12 52	3 53	2 54	14 25	3 11	15 22	1 16	26 1	2 54	4 58	1 27	0 7	2 15	8 30	0 33	10 39	0 43	5 12	16 45	13 37	13 36	19 24	17 58	4 1
S 16	12 31	0n20	3 49	14 44	3 0	14 58	1 17	26 1	2 53	5 1	1 28	0 10	2 15	8 31	0 33	10 38	0 43	5 11	16 45	13 37	13 37	19 24	17 58	4 1
S 17	12 10	4 36	4 32	15 2	2 49	14 34	1 18	26 1	2 52	5 3	1 28	0 12	2 15	8 32	0 33	10 37	0 43	5 11	16 44	13 37	13 38	19 24	17 58	4 2
M18	11 49	8 43	5 2	15 18	2 37	14 10	1 19	26 1	2 51	5 6	1 28	0 15	2 15	8 33	0 33	10 36	0 43	5 10	16 44	13 37	13 39	19 24	17 58	4 2
T 19	11 28	12 29	5 17	15 33	2 24	13 45	1 20	26 1	2 50	5 9	1 28	0 18	2 15	8 34	0 33	10 36	0 43	5 10	16 44	13 38	13 40	19 24	17 57	4 3
W20	11 7	15 40	5 13	15 47	2 11	13 20	1 21	26 1	2 49	5 12	1 28	0 20	2 15	8 34	0 33	10 35	0 43	5 9	16 43	13 38	13 41	19 24	17 57	4 4
T 21	10 45	18 0	4 51	15 58	1 59	12 54	1 22	26 1	2 48	5 15	1 28	0 23	2 14	8 35	0 33	10 34	0 43	5 8	16 43	13 38	13 42	19 24	17 57	4 4
F 22	10 23	19 16	4 11	16 8	1 45	12 28	1 22	26 1	2 47	5 18	1 29	0 26	2 14	8 36	0 33	10 33	0 43	5 8	16 43	13 37	13 43	19 24	17 57	4 5
S 23	10 2	19 16	3 14	16 17	1 32	12 2	1 23	26 1	2 46	5 21	1 29	0 29	2 14	8 37	0 33	10 32	0 43	5 7	16 43	13 37	13 44	19 24	17 57	4 6
S 24	9 40	17 59	2 4	16 24	1 20	11 36	1 24	26 1	2 45	5 24	1 29	0 31	2 14	8 38	0 33	10 31	0 43	5 7	16 42	13 37	13 45	19 23	17 56	4 6
M25	9 17	15 28	0 45	16 29	1 7	11 9	1 24	26 1	2 44	5 27	1 29	0 34	2 14	8 39	0 33	10 31	0 43	5 6	16 42	13 37	13 46	19 23	17 56	4 7
T 26	8 55	11 57	0n36	16 32	0 54	10 42	1 25	26 1	2 43	5 30	1 29	0 37	2 14	8 40	0 33	10 30	0 43	5 6	16 42	13 37	13 47	19 23	17 56	4 8
W27	8 33	7 44	1 54	16 34	0 42	10 14	1 25	26 1	2 42	5 33	1 29	0 40	2 14	8 41	0 33	10 29	0 43	5 5	16 41	13 37	13 48	19 23	17 56	4 8
T 28	8s10	3n10	3n 3	16s34	0n30	9s46	1s25	26n 1	2n41	5n36	1n29	0n43	2s14	8n42	0s33	10s28	0s43	5s 4	16s41	13n37	13n49	19s23	17s55	4n 9

Julian Day Number = 2396789.5, Delta T = 9.30 sec
Ecliptic obliquity = 23°27'24, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°38'49, Lahiri = 21°45'49

ASTRODIENST EPHEMERIS for the year 1850
geocentric

MARCH 1850 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 33 46	10♓ 5'20	13♎ 1	13♒17	9♓34	24♊37	19°R12	7♈ 4	23♈46	4♓42	27♈20	23°R41	23♌ 4	16♑36	10♐27	F 1
S 2	10 37 43	11° 5'27	26°32	14° 4	10°49	24°57	19♍ 4	7°11	23°49	4°45	27°21	23♌39	23° 1	16°43	10°29	S 2
S 3	10 41 39	12° 5'33	9♏38	14°56	12° 4	25°18	18°56	7°18	23°51	4°47	27°22	23°37	22°58	16°49	10°31	S 3
M 4	10 45 36	13° 5'38	22°22	15°50	13°19	25°39	18°49	7°25	23°54	4°49	27°23	23°35	22°55	16°56	10°33	M 4
T 5	10 49 33	14° 5'41	4♐46	16°47	14°34	26° 0	18°41	7°32	23°57	4°51	27°24	23°33	22°52	17° 3	10°35	T 5
W 6	10 53 29	15° 5'42	16°54	17°47	15°49	26°21	18°33	7°39	24° 0	4°54	27°25	23°D33	22°49	17° 9	10°37	W 6
T 7	10 57 26	16° 5'42	28°50	18°50	17° 4	26°43	18°25	7°46	24° 2	4°56	27°26	23°34	22°45	17°16	10°39	T 7
F 8	11 1 22	17° 5'40	10♑40	19°55	18°19	27° 5	18°17	7°53	24° 5	4°58	27°27	23°35	22°42	17°23	10°40	F 8
S 9	11 5 19	18° 5'37	22°29	21° 3	19°34	27°28	18°10	8° 1	24° 8	5° 0	27°28	23°37	22°39	17°29	10°42	S 9
S 10	11 9 15	19° 5'32	4♒21	22°12	20°48	27°51	18° 2	8° 8	24°11	5° 3	27°29	23°38	22°36	17°36	10°43	S 10
M11	11 13 12	20° 5'25	16°19	23°24	22° 3	28°14	17°54	8°15	24°14	5° 5	27°30	23°40	22°33	17°43	10°44	M11
T 12	11 17 8	21° 5'16	28°28	24°37	23°18	28°37	17°46	8°22	24°17	5° 7	27°32	23°R40	22°29	17°49	10°45	T 12
W13	11 21 5	22° 5'05	10♓50	25°53	24°33	29° 1	17°38	8°30	24°20	5° 9	27°33	23°38	22°26	17°56	10°46	W13
T 14	11 25 1	23° 4'52	23°26	27°10	25°48	29°24	17°31	8°37	24°23	5°12	27°34	23°36	22°23	18° 3	10°47	T 14
F 15	11 28 58	24° 4'38	6♈17	28°29	27° 2	29°49	17°23	8°44	24°26	5°14	27°35	23°32	22°20	18°10	10°48	F 15
S 16	11 32 55	25° 4'21	19°23	29°50	28°17	0♋13	17°15	8°52	24°29	5°16	27°36	23°27	22°17	18°16	10°49	S 16
S 17	11 36 51	26° 4'02	2♉42	1♓12	29°32	0°38	17° 7	8°59	24°32	5°18	27°37	23°21	22°14	18°23	10°50	S 17
M18	11 40 48	27° 3'41	16°14	2°35	0♈47	1° 3	17° 0	9° 7	24°36	5°20	27°39	23°16	22°10	18°30	10°50	M18
T 19	11 44 44	28° 3'18	29°58	4° 1	2° 1	1°28	16°52	9°14	24°39	5°22	27°40	23°12	22° 7	18°36	10°50	T 19
W20	11 48 41	29° 2'52	13♊51	5°27	3°16	1°53	16°45	9°22	24°42	5°24	27°41	23° 9	22° 4	18°43	10°51	W20
T 21	11 52 37	0♈ 2'25	27°52	6°56	4°31	2°19	16°37	9°29	24°45	5°27	27°42	23°D 8	22° 1	18°50	10°51	T 21
F 22	11 56 34	1° 1'54	12♋ 1	8°25	5°45	2°45	16°30	9°36	24°48	5°29	27°44	23° 9	21°58	18°56	10°R51	F 22
S 23	12 0 30	2° 1'22	26°15	9°56	7° 0	3°11	16°23	9°44	24°52	5°31	27°45	23°10	21°55	19° 3	10°51	S 23
S 24	12 4 27	3° 0'47	10♌33	11°29	8°14	3°37	16°15	9°51	24°55	5°33	27°46	23°11	21°51	19°10	10°51	S 24
M25	12 8 24	4° 0'10	24°52	13° 2	9°29	4° 4	16° 8	9°59	24°58	5°35	27°47	23°R12	21°48	19°16	10°51	M25
T 26	12 12 20	4°59'31	9♍ 8	14°37	10°43	4°30	16° 1	10° 7	25° 1	5°37	27°49	23°11	21°45	19°23	10°50	T 26
W27	12 16 17	5°58'49	23°18	16°14	11°58	4°57	15°54	10°14	25° 5	5°39	27°50	23° 8	21°42	19°30	10°50	W27
T 28	12 20 13	6°58'05	7♎16	17°52	13°12	5°24	15°47	10°22	25° 8	5°41	27°51	23° 3	21°39	19°36	10°49	T 28
F 29	12 24 10	7°57'19	20°59	19°31	14°27	5°52	15°40	10°29	25°11	5°43	27°53	22°56	21°35	19°43	10°49	F 29
S 30	12 28 6	8°56'31	4♏24	21°12	15°41	6°19	15°34	10°37	25°15	5°45	27°54	22°48	21°32	19°50	10°48	S 30
S 31	12 32 3	9♈55'42	17♏28	22♓54	16♈56	6♋47	15♍27	10♈44	25♈18	5♓47	27♈55	22♌40	21♌29	19♑56	10♐47	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	7s47	1s27	4n 0	16s33	0n19	9s18	1s26	26n 1	2n40	5n39	1n29	0n45	2s14	8n43	0s33	10s27	0s43	5s 4	16s41	13n38	13n50	19s23	17s55	4n 9
S 2	7 25	5 52	4 41	16 30	0 8	8 50	1 26	26 1	2 39	5 42	1 30	0 48	2 14	8 44	0 33	10 27	0 43	5 3	16 41	13 39	13 51	19 23	17 55	4 10
S 3	7 2	9 52	5 7	16 25	0s 3	8 22	1 26	26 1	2 38	5 45	1 30	0 51	2 14	8 45	0 33	10 26	0 43	5 3	16 40	13 40	13 52	19 23	17 54	4 11
M 4	6 39	13 17	5 16	16 19	0 14	7 53	1 26	26 0	2 37	5 48	1 30	0 54	2 13	8 46	0 33	10 25	0 43	5 2	16 40	13 40	13 53	19 23	17 54	4 11
T 5	6 16	16 1	5 10	16 12	0 24	7 24	1 26	26 0	2 37	5 52	1 30	0 57	2 13	8 47	0 33	10 24	0 43	5 2	16 40	13 41	13 54	19 23	17 54	4 12
W 6	5 53	18 0	4 50	16 3	0 34	6 55	1 26	26 0	2 36	5 55	1 30	1 0	2 13	8 48	0 33	10 23	0 43	5 1	16 40	13 41	13 55	19 22	17 53	4 13
T 7	5 29	19 9	4 18	15 52	0 43	6 26	1 26	26 0	2 35	5 58	1 30	1 3	2 13	8 49	0 33	10 22	0 43	5 0	16 39	13 41	13 56	19 22	17 53	4 13
F 8	5 6	19 27	3 35	15 40	0 52	5 56	1 26	25 59	2 34	6 1	1 30	1 6	2 13	8 50	0 33	10 22	0 43	5 0	16 39	13 40	13 57	19 22	17 52	4 14
S 9	4 43	18 54	2 43	15 27	1 1	5 27	1 26	25 59	2 33	6 4	1 30	1 8	2 13	8 52	0 33	10 21	0 43	4 59	16 39	13 40	13 58	19 22	17 52	4 15
S 10	4 19	17 30	1 44	15 12	1 9	4 57	1 25	25 58	2 32	6 7	1 30	1 11	2 13	8 53	0 33	10 20	0 43	4 59	16 39	13 39	14 0	19 22	17 51	4 15
M11	3 56	15 19	0 40	14 56	1 16	4 27	1 25	25 58	2 31	6 10	1 30	1 14	2 13	8 54	0 33	10 19	0 43	4 58	16 38	13 39	14 1	19 22	17 51	4 16
T 12	3 32	12 26	0s26	14 38	1 24	3 57	1 24	25 57	2 30	6 13	1 30	1 17	2 13	8 55	0 33	10 18	0 43	4 57	16 38	13 39	14 2	19 22	17 50	4 17
W13	3 9	8 57	1 33	14 19	1 30	3 27	1 24	25 56	2 29	6 16	1 30	1 20	2 13	8 56	0 33	10 18	0 43	4 57	16 38	13 39	14 3	19 22	17 50	4 17
T 14	2 45	5 0	2 36	13 59	1 37	2 57	1 23	25 55	2 28	6 19	1 30	1 23	2 13	8 57	0 33	10 17	0 43	4 56	16 38	13 40	14 4	19 21	17 49	4 18
F 15	2 21	0 45	3 32	13 37	1 43	2 27	1 23	25 55	2 27	6 22	1 30	1 26	2 13	8 58	0 33	10 16	0 43	4 56	16 38	13 41	14 5	19 21	17 49	4 19
S 16	1 58	3n36	4 19	13 14	1 49	1 56	1 22	25 54	2 26	6 25	1 30	1 29	2 13	8 59	0 33	10 15	0 43	4 55	16 37	13 43	14 6	19 21	17 48	4 19
S 17	1 34	7 51	4 52	12 50	1 54	1 26	1 21	25 53	2 25	6 28	1 30	1 32	2 13	9 1	0 33	10 15	0 43	4 54	16 37	13 45	14 7	19 21	17 48	4 20
M18	1 10	11 46	5 9	12 24	1 59	0 55	1 21	25 52	2 24	6 31	1 30	1 35	2 13	9 2	0 33	10 14	0 43	4 54	16 37	13 46	14 8	19 21	17 47	4 21
T 19	0 46	15 7	5 10	11 57	2 3	0 25	1 20	25 50	2 24	6 34	1 30	1 38	2 13	9 3	0 33	10 13	0 43	4 53	16 37	13 48	14 9	19 21	17 47	4 21
W20	0 23	17 39	4 52	11 29	2 7	0n 6	1 19	25 49	2 23	6 37	1 30	1 41	2 13	9 4	0 33	10 12	0 43	4 53	16 37	13 49	14 10	19 20	17 46	4 22
T 21	0n 1	19 10	4 17	10 59	2 10	0 36	1 18	25 48	2 22	6 40	1 30	1 44	2 13	9 5	0 33	10 11	0 43	4 52	16 36	13 49	14 11	19 20	17 45	4 23
F 22	0 25	19 30	3 25	10 29	2 13	1 7	1 17	25 47	2 21	6 43	1 30	1 47	2 13	9 6	0 33	10 11	0 43	4 51	16 36	13 49	14 12	19 20	17 45	4 23
S 23	0 48	18 36	2 21	9 57	2 16	1 37	1 16	25 45	2 20	6 46	1 30	1 50	2 13	9 8	0 33	10 10	0 43	4 51	16 36	13 48	14 13	19 20	17 44	4 24
S 24	1 12	16 31	1 8	9 23	2 18	2 8	1 15	25 44	2 19	6 49	1 30	1 53	2 13	9 9	0 33	10 9	0 43	4 50	16 36	13 48	14 14	19 20	17 43	4 24
M25	1 36	13 23	0n 9	8 49	2 19	2 38	1 13	25 42	2 18	6 51	1 30	1 56	2 13	9 10	0 33	10 8	0 43	4 50	16 36	13 48	14 15	19 20	17 43	4 25
T 26	1 59	9 28	1 25	8 13	2 21	3 8	1 12	25 40	2 17	6 54	1 30	1 58	2 13	9 11	0 33	10 8	0 43	4 49	16 36	13 48	14 16	19 19	17 42	4 26
W27	2 23	5 3	2 36	7 36	2 21	3 39	1 11	25 38	2 17	6 57	1 30	2 1	2 13	9 13	0 33	10 7	0 43	4 49	16 36	13 49	14 17	19 19	17 41	4 26
T 28	2 46	0 25	3 36	6 58	2 22	4 9	1 9	25 36	2 16	6 59	1 30	2 4	2 13	9 14	0 32	10 6	0 43	4 48	16 35	13 51	14 18	19 19	17 41	4 27
F 29	3 9	4s 9	4 22	6 19	2 21	4 39	1 8	25 34	2 15	7 2	1 30	2 7	2 13	9 15	0 32	10 6	0 43	4 47	16 35	13 53	14 19	19 19	17 40	4 28
S 30	3 33	8 24	4 52	5 39	2 21	5 9	1 7	25 32	2 14	7 5	1 30	2 10	2 13	9 16	0 32	10 5	0 43	4 47	16 35	13 56	14 20	19 19	17 39	4 28
S 31	3n56	12s 9	5n 7	4s57	2s20	5n39	1s 5	25n30	2n13	7n 7	1n30	2n13	2s13	9n17	0s32	10s 4	0s43	4s46	16s35	13n58	14n21	19s18	17s38	4n29

Julian Day Number = 2396817.5, Delta T = 9.32 sec
Ecliptic obliquity = 23°27'25, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°38'53, Lahiri = 21°45'53

ASTRODIENST EPHEMERIS for the year 1850
geocentric

APRIL 1850 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 35 59	10♈54'50	0♐12	24♓38	18♈10	7♋15	15°R21	10♈52	25♈21	5♓49	27♈57	22°R32	21♌26	20♑ 3	10°R46	M 1
T 2	12 39 56	11°53'57	12°37	26°22	19°24	7°43	15♍14	10°59	25°25	5°51	27°58	22♌27	21°23	20°10	10♐45	T 2
W 3	12 43 53	12°53'02	24°46	28° 9	20°39	8°11	15° 8	11° 7	25°28	5°53	27°59	22°23	21°20	20°16	10°44	W 3
T 4	12 47 49	13°52'05	6♑44	29°57	21°53	8°39	15° 2	11°14	25°31	5°55	28° 1	22°21	21°16	20°23	10°43	T 4
F 5	12 51 46	14°51'06	18°35	1♈46	23° 7	9° 8	14°56	11°22	25°35	5°57	28° 2	22°D20	21°13	20°30	10°42	F 5
S 6	12 55 42	15°50'06	0♒24	3°37	24°22	9°36	14°50	11°29	25°38	5°58	28° 3	22°21	21°10	20°36	10°40	S 6
S 7	12 59 39	16°49'03	12°17	5°29	25°36	10° 5	14°44	11°37	25°42	6° 0	28° 5	22°22	21° 7	20°43	10°39	S 7
M 8	13 3 35	17°47'59	24°19	7°22	26°50	10°34	14°39	11°44	25°45	6° 2	28° 6	22°R23	21° 4	20°49	10°37	M 8
T 9	13 7 32	18°46'53	6♓33	9°18	28° 4	11° 3	14°33	11°52	25°48	6° 4	28° 7	22°22	21° 0	20°56	10°36	T 9
W10	13 11 28	19°45'46	19° 5	11°14	29°19	11°32	14°28	11°59	25°52	6° 6	28° 9	22°18	20°57	21° 3	10°34	W10
T 11	13 15 25	20°44'36	1♈56	13°12	0♉33	12° 2	14°23	12° 7	25°55	6° 7	28°10	22°13	20°54	21° 9	10°32	T 11
F 12	13 19 21	21°43'25	15° 6	15°11	1°47	12°31	14°18	12°14	25°59	6° 9	28°12	22° 5	20°51	21°16	10°30	F 12
S 13	13 23 18	22°42'11	28°36	17°12	3° 1	13° 1	14°13	12°22	26° 2	6°11	28°13	21°55	20°48	21°23	10°28	S 13
S 14	13 27 15	23°40'56	12♉22	19°14	4°15	13°31	14° 8	12°29	26° 6	6°13	28°14	21°45	20°45	21°29	10°26	S 14
M15	13 31 11	24°39'38	26°20	21°18	5°29	14° 1	14° 4	12°37	26° 9	6°14	28°16	21°35	20°41	21°36	10°24	M15
T 16	13 35 8	25°38'19	10♊28	23°22	6°44	14°31	13°59	12°44	26°12	6°16	28°17	21°26	20°38	21°43	10°21	T 16
W17	13 39 4	26°36'57	24°39	25°28	7°58	15° 1	13°55	12°52	26°16	6°18	28°18	21°20	20°35	21°49	10°19	W17
T 18	13 43 1	27°35'33	8♋51	27°34	9°12	15°32	13°51	12°59	26°19	6°19	28°20	21°17	20°32	21°56	10°17	T 18
F 19	13 46 57	28°34'07	23° 1	29°41	10°26	16° 2	13°47	13° 6	26°23	6°21	28°21	21°D15	20°29	22° 3	10°14	F 19
S 20	13 50 54	29°32'39	7♌ 8	1♉49	11°40	16°33	13°43	13°14	26°26	6°22	28°23	21°15	20°26	22° 9	10°11	S 20
S 21	13 54 50	0♉31'08	21°10	3°57	12°54	17° 4	13°40	13°21	26°30	6°24	28°24	21°R15	20°22	22°16	10° 9	S 21
M22	13 58 47	1°29'35	5♍ 7	6° 5	14° 7	17°34	13°36	13°28	26°33	6°25	28°25	21°15	20°19	22°23	10° 6	M22
T 23	14 2 44	2°28'00	18°58	8°13	15°21	18° 5	13°33	13°36	26°36	6°27	28°27	21°12	20°16	22°29	10° 3	T 23
W24	14 6 40	3°26'23	2♎41	10°20	16°35	18°36	13°30	13°43	26°40	6°28	28°28	21° 7	20°13	22°36	10° 0	W24
T 25	14 10 37	4°24'44	16°15	12°27	17°49	19° 8	13°27	13°50	26°43	6°30	28°30	20°59	20°10	22°43	9°57	T 25
F 26	14 14 33	5°23'03	29°36	14°33	19° 3	19°39	13°25	13°57	26°47	6°31	28°31	20°48	20° 6	22°49	9°54	F 26
S 27	14 18 30	6°21'20	12♏44	16°37	20°17	20°10	13°22	14° 5	26°50	6°32	28°32	20°36	20° 3	22°56	9°51	S 27
S 28	14 22 26	7°19'36	25°36	18°39	21°30	20°42	13°20	14°12	26°54	6°34	28°34	20°23	20° 0	23° 3	9°48	S 28
M29	14 26 23	8°17'49	8♐13	20°40	22°44	21°13	13°18	14°19	26°57	6°35	28°35	20°12	19°57	23° 9	9°44	M29
T 30	14 30 19	9♉16'02	20♐33	22♉38	23♉58	21♋45	13♍16	14♈26	27♈ 0	6♓36	28♈36	20♌ 2	19♌54	23♑16	9♐41	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	4n19	15s14	5n 5	4s15	2s18	6n 9	1s 3	25n28	2n12	7n 9	1n30	2n16	2s13	9n19	0s32	10s 3	0s43	4s46	16s35	14n 1	14n22	19s18	17s38	4n30
T 2	4 42	17 33	4 49	3 31	2 16	6 39	1 2	25 25	2 12	7 12	1 29	2 19	2 13	9 20	0 32	10 3	0 43	4 45	16 35	14 3	14 23	19 18	17 37	4 30
W 3	5 6	19 1	4 21	2 46	2 13	7 8	1 0	25 23	2 11	7 14	1 29	2 22	2 13	9 21	0 32	10 2	0 43	4 45	16 35	14 4	14 24	19 18	17 36	4 31
T 4	5 28	19 37	3 41	2 0	2 10	7 38	0 58	25 20	2 10	7 16	1 29	2 25	2 13	9 22	0 32	10 1	0 43	4 44	16 35	14 4	14 25	19 17	17 35	4 32
F 5	5 51	19 20	2 52	1 14	2 6	8 7	0 57	25 17	2 9	7 19	1 29	2 28	2 13	9 24	0 32	10 1	0 43	4 44	16 34	14 5	14 26	19 17	17 34	4 32
S 6	6 14	18 12	1 56	0 26	2 2	8 36	0 55	25 14	2 8	7 21	1 29	2 31	2 13	9 25	0 32	10 0	0 44	4 43	16 34	14 4	14 27	19 17	17 34	4 33
S 7	6 37	16 16	0 54	0n23	1 57	9 5	0 53	25 11	2 7	7 23	1 29	2 34	2 13	9 26	0 32	9 59	0 44	4 42	16 34	14 4	14 28	19 17	17 33	4 33
M 8	6 59	13 35	0s10	1 13	1 52	9 34	0 51	25 8	2 7	7 25	1 29	2 37	2 13	9 27	0 32	9 59	0 44	4 42	16 34	14 4	14 29	19 17	17 32	4 34
T 9	7 22	10 17	1 15	2 3	1 46	10 2	0 49	25 5	2 6	7 27	1 29	2 39	2 13	9 29	0 32	9 58	0 44	4 41	16 34	14 4	14 30	19 16	17 31	4 35
W10	7 44	6 26	2 18	2 55	1 40	10 30	0 47	25 2	2 5	7 29	1 29	2 42	2 13	9 30	0 32	9 57	0 44	4 41	16 34	14 5	14 31	19 16	17 30	4 35
T 11	8 6	2 13	3 15	3 47	1 33	10 58	0 45	24 58	2 4	7 31	1 28	2 45	2 13	9 31	0 32	9 57	0 44	4 40	16 34	14 7	14 32	19 16	17 29	4 36
F 12	8 28	2n12	4 4	4 40	1 26	11 26	0 43	24 55	2 3	7 33	1 28	2 48	2 13	9 32	0 32	9 56	0 44	4 40	16 34	14 10	14 33	19 16	17 29	4 37
S 13	8 50	6 38	4 39	5 33	1 19	11 53	0 41	24 51	2 3	7 34	1 28	2 51	2 13	9 34	0 32	9 56	0 44	4 39	16 34	14 13	14 34	19 15	17 28	4 37
S 14	9 12	10 48	5 0	6 27	1 10	12 20	0 39	24 47	2 2	7 36	1 28	2 54	2 13	9 35	0 32	9 55	0 44	4 39	16 34	14 16	14 35	19 15	17 27	4 38
M15	9 34	14 26	5 3	7 21	1 2	12 47	0 37	24 44	2 1	7 38	1 28	2 57	2 13	9 36	0 32	9 54	0 44	4 38	16 34	14 19	14 36	19 15	17 26	4 38
T 16	9 55	17 17	4 47	8 16	0 53	13 14	0 34	24 40	2 0	7 39	1 28	3 0	2 13	9 37	0 32	9 54	0 44	4 38	16 34	14 22	14 37	19 14	17 25	4 39
W17	10 16	19 7	4 14	9 11	0 43	13 40	0 32	24 35	2 0	7 41	1 28	3 2	2 13	9 39	0 32	9 53	0 44	4 37	16 34	14 24	14 38	19 14	17 24	4 39
T 18	10 37	19 44	3 26	10 5	0 34	14 6	0 30	24 31	1 59	7 42	1 27	3 5	2 13	9 40	0 32	9 53	0 44	4 37	16 34	14 25	14 39	19 14	17 23	4 40
F 19	10 58	19 7	2 24	11 0	0 24	14 31	0 28	24 27	1 58	7 43	1 27	3 8	2 13	9 41	0 32	9 52	0 44	4 36	16 34	14 26	14 40	19 14	17 22	4 41
S 20	11 19	17 18	1 14	11 54	0 13	14 57	0 25	24 22	1 57	7 45	1 27	3 11	2 13	9 42	0 32	9 52	0 44	4 36	16 34	14 26	14 41	19 13	17 21	4 41
S 21	11 40	14 27	0 0	12 48	0 3	15 21	0 23	24 18	1 57	7 46	1 27	3 14	2 13	9 44	0 32	9 51	0 44	4 35	16 34	14 25	14 42	19 13	17 20	4 42
M22	12 0	10 46	1n13	13 41	0n 8	15 46	0 20	24 13	1 56	7 47	1 27	3 16	2 13	9 45	0 32	9 51	0 44	4 35	16 34	14 26	14 43	19 13	17 19	4 42
T 23	12 20	6 32	2 22	14 33	0 19	16 10	0 18	24 8	1 55	7 48	1 27	3 19	2 14	9 46	0 32	9 50	0 44	4 34	16 34	14 27	14 44	19 12	17 19	4 43
W24	12 40	2 0	3 21	15 24	0 29	16 33	0 16	24 3	1 54	7 49	1 26	3 22	2 14	9 47	0 32	9 50	0 44	4 34	16 34	14 28	14 45	19 12	17 18	4 43
T 25	13 0	2s34	4 8	16 13	0 40	16 57	0 13	23 58	1 54	7 50	1 26	3 24	2 14	9 49	0 32	9 49	0 44	4 34	16 34	14 31	14 46	19 12	17 17	4 44
F 26	13 20	6 57	4 41	17 1	0 51	17 19	0 11	23 53	1 53	7 51	1 26	3 27	2 14	9 50	0 32	9 49	0 44	4 33	16 34	14 34	14 47	19 12	17 16	4 44
S 27	13 39	10 56	4 58	17 48	1 1	17 42	0 8	23 47	1 52	7 52	1 26	3 30	2 14	9 51	0 32	9 48	0 44	4 33	16 34	14 38	14 48	19 11	17 15	4 45
S 28	13 58	14 19	5 0	18 32	1 11	18 4	0 6	23 42	1 51	7 52	1 26	3 33	2 14	9 52	0 32	9 48	0 44	4 32	16 34	14 42	14 49	19 11	17 14	4 45
M29	14 17	16 58	4 47	19 14	1 21	18 25	0 3	23 36	1 51	7 53	1 25	3 35	2 14	9 54	0 32	9 47	0 44	4 32	16 34	14 46	14 50	19 11	17 13	4 46
T 30	14n36	18s48	4n20	19n54	1n30	18n46	0s 1	23n30	1n50	7n54	1n25	3n38	2s14	9n55	0s32	9s47	0s44	4s31	16s34	14n49	14n51	19s10	17s12	4n46

Julian Day Number = 2396848.5, Delta T = 9.35 sec
Ecliptic obliquity = 23°27'25, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°38'57, Lahiri = 21°45'57

ASTRODIENST EPHEMERIS for the year 1850
geocentric

MAY 1850 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 34 16	10♉14'12	2♋40	24♉34	25♉12	22♋17	13°R14	14♈33	27♈ 4	6♓38	28♈38	19°R54	19♌51	23♋23	9°R38	W 1
T 2	14 38 13	11°12'21	14°37	26°27	26°25	22°49	13♍12	14°40	27° 7	6°39	28°39	19♌49	19°47	23°29	9♐34	T 2
F 3	14 42 9	12°10'29	26°27	28°17	27°39	23°21	13°11	14°47	27°10	6°40	28°41	19°47	19°44	23°36	9°31	F 3
S 4	14 46 6	13° 8'35	8♒16	0♊ 4	28°53	23°53	13°10	14°54	27°14	6°41	28°42	19°46	19°41	23°43	9°27	S 4
S 5	14 50 2	14° 6'40	20° 9	1°48	0♊ 6	24°25	13° 9	15° 1	27°17	6°42	28°43	19°46	19°38	23°49	9°23	S 5
M 6	14 53 59	15° 4'43	2♓11	3°28	1°20	24°57	13° 8	15° 8	27°20	6°43	28°45	19°45	19°35	23°56	9°20	M 6
T 7	14 57 55	16° 2'45	14°27	5° 4	2°33	25°30	13° 7	15°15	27°24	6°45	28°46	19°44	19°32	24° 3	9°16	T 7
W 8	15 1 52	17° 0'46	27° 3	6°38	3°47	26° 2	13° 7	15°22	27°27	6°46	28°47	19°40	19°28	24° 9	9°12	W 8
T 9	15 5 48	17°58'45	10♈ 2	8° 7	5° 1	26°34	13° 6	15°28	27°30	6°47	28°49	19°33	19°25	24°16	9° 8	T 9
F 10	15 9 45	18°56'42	23°25	9°33	6°14	27° 7	13°D 6	15°35	27°34	6°48	28°50	19°24	19°22	24°23	9° 4	F 10
S 11	15 13 42	19°54'39	7♉13	10°54	7°28	27°40	13° 6	15°42	27°37	6°49	28°51	19°13	19°19	24°29	9° 0	S 11
S 12	15 17 38	20°52'34	21°21	12°12	8°41	28°13	13° 7	15°49	27°40	6°50	28°53	19° 1	19°16	24°36	8°57	S 12
M13	15 21 35	21°50'27	5♊45	13°26	9°54	28°45	13° 7	15°55	27°43	6°50	28°54	18°50	19°12	24°43	8°52	M13
T 14	15 25 31	22°48'19	20°19	14°36	11° 8	29°18	13° 8	16° 2	27°47	6°51	28°55	18°40	19° 9	24°49	8°48	T 14
W15	15 29 28	23°46'10	4♋54	15°42	12°21	29°51	13° 8	16° 8	27°50	6°52	28°56	18°33	19° 6	24°56	8°44	W15
T 16	15 33 24	24°43'58	19°26	16°44	13°35	0♌25	13° 9	16°15	27°53	6°53	28°58	18°28	19° 3	25° 3	8°40	T 16
F 17	15 37 21	25°41'45	3♌49	17°41	14°48	0°58	13°10	16°21	27°56	6°54	28°59	18°26	19° 0	25° 9	8°36	F 17
S 18	15 41 17	26°39'31	18° 1	18°34	16° 1	1°31	13°12	16°28	27°59	6°55	29° 0	18°25	18°57	25°16	8°32	S 18
S 19	15 45 14	27°37'14	2♍ 0	19°23	17°15	2° 4	13°13	16°34	28° 2	6°55	29° 1	18°25	18°53	25°23	8°28	S 19
M20	15 49 11	28°34'56	15°47	20° 8	18°28	2°38	13°15	16°40	28° 5	6°56	29° 3	18°25	18°50	25°29	8°24	M20
T 21	15 53 7	29°32'37	29°21	20°48	19°41	3°11	13°17	16°46	28° 8	6°57	29° 4	18°22	18°47	25°36	8°19	T 21
W22	15 57 4	0♊30'15	12♎43	21°23	20°54	3°45	13°19	16°53	28°11	6°57	29° 5	18°16	18°44	25°43	8°15	W22
T 23	16 1 0	1°27'53	25°55	21°54	22° 7	4°18	13°21	16°59	28°14	6°58	29° 6	18° 8	18°41	25°49	8°11	T 23
F 24	16 4 57	2°25'28	8♏54	22°21	23°21	4°52	13°23	17° 5	28°17	6°58	29° 8	17°58	18°37	25°56	8° 7	F 24
S 25	16 8 53	3°23'03	21°41	22°42	24°34	5°26	13°26	17°11	28°20	6°59	29° 9	17°46	18°34	26° 3	8° 2	S 25
S 26	16 12 50	4°20'36	4♐17	22°59	25°47	5°59	13°29	17°17	28°23	6°59	29°10	17°33	18°31	26° 9	7°58	S 26
M27	16 16 46	5°18'09	16°40	23°11	27° 0	6°33	13°32	17°23	28°26	7° 0	29°11	17°22	18°28	26°16	7°54	M27
T 28	16 20 43	6°15'40	28°51	23°19	28°13	7° 7	13°35	17°29	28°29	7° 0	29°12	17°12	18°25	26°22	7°49	T 28
W29	16 24 40	7°13'10	10♑52	23°R21	29°26	7°41	13°38	17°34	28°32	7° 1	29°13	17° 4	18°22	26°29	7°45	W29
T 30	16 28 36	8°10'40	22°45	23°20	0♋39	8°15	13°41	17°40	28°35	7° 1	29°15	16°59	18°18	26°36	7°41	T 30
F 31	16 32 33	9♊ 8'08	4♒34	23♊13	1♋52	8♌49	13♍45	17♈46	28♈38	7♓ 1	29♈16	16♌56	18♌15	26♋42	7♐36	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	14n54	19s44	3n42	20n31	1n39	19n 6	0n 2	23n25	1n49	7n54	1n25	3n41	2s14	9n56	0s32	9s46	0s44	4s31	16s34	14n51	14n52	19s10	17s11	4n47
T 2	15 12	19 45	2 55	21 7	1 47	19 26	0 4	23 19	1 49	7 55	1 25	3 43	2 14	9 57	0 32	9 46	0 44	4 31	16 34	14 53	14 53	19 10	17 10	4 47
F 3	15 30	18 55	2 0	21 39	1 55	19 46	0 7	23 12	1 48	7 55	1 25	3 46	2 15	9 58	0 32	9 45	0 44	4 30	16 34	14 54	14 54	19 9	17 9	4 48
S 4	15 48	17 14	1 1	22 9	2 2	20 4	0 9	23 6	1 47	7 55	1 24	3 48	2 15	10 0	0 32	9 45	0 44	4 30	16 34	14 54	14 55	19 9	17 8	4 48
S 5	16 5	14 49	0s 2	22 37	2 8	20 23	0 12	23 0	1 46	7 55	1 24	3 51	2 15	10 1	0 32	9 45	0 44	4 29	16 34	14 54	14 56	19 9	17 7	4 49
M 6	16 22	11 43	1 5	23 2	2 13	20 40	0 14	22 53	1 46	7 56	1 24	3 53	2 15	10 2	0 32	9 44	0 44	4 29	16 34	14 54	14 57	19 8	17 6	4 49
T 7	16 39	8 4	2 7	23 25	2 18	20 58	0 17	22 47	1 45	7 56	1 24	3 56	2 15	10 3	0 32	9 44	0 44	4 29	16 34	14 55	14 58	19 8	17 5	4 50
W 8	16 56	3 59	3 4	23 45	2 21	21 14	0 19	22 40	1 44	7 56	1 24	3 58	2 15	10 4	0 32	9 43	0 44	4 28	16 35	14 56	14 59	19 8	17 4	4 50
T 9	17 12	0n24	3 53	24 3	2 24	21 30	0 22	22 33	1 44	7 56	1 23	4 1	2 15	10 5	0 32	9 43	0 44	4 28	16 35	14 58	15 0	19 7	17 3	4 50
F 10	17 28	4 55	4 31	24 19	2 26	21 46	0 24	22 26	1 43	7 55	1 23	4 3	2 15	10 7	0 32	9 43	0 45	4 28	16 35	15 1	15 1	19 7	17 2	4 51
S 11	17 44	9 17	4 54	24 32	2 28	22 1	0 27	22 19	1 42	7 55	1 23	4 6	2 16	10 8	0 32	9 42	0 45	4 27	16 35	15 4	15 2	19 6	17 1	4 51
S 12	17 59	13 17	5 0	24 43	2 28	22 15	0 29	22 11	1 41	7 55	1 23	4 8	2 16	10 9	0 32	9 42	0 45	4 27	16 35	15 8	15 3	19 6	17 0	4 52
M13	18 14	16 33	4 48	24 52	2 27	22 29	0 32	22 4	1 41	7 55	1 23	4 11	2 16	10 10	0 32	9 42	0 45	4 27	16 35	15 11	15 4	19 6	16 59	4 52
T 14	18 29	18 50	4 17	24 59	2 26	22 42	0 34	21 57	1 40	7 54	1 22	4 13	2 16	10 11	0 32	9 42	0 45	4 26	16 35	15 15	15 5	19 5	16 58	4 52
W15	18 44	19 54	3 28	25 4	2 23	22 54	0 37	21 49	1 39	7 54	1 22	4 16	2 16	10 12	0 32	9 41	0 45	4 26	16 35	15 17	15 6	19 5	16 57	4 53
T 16	18 58	19 37	2 27	25 7	2 20	23 6	0 39	21 41	1 39	7 53	1 22	4 18	2 16	10 14	0 32	9 41	0 45	4 26	16 35	15 18	15 7	19 5	16 56	4 53
F 17	19 12	18 4	1 17	25 8	2 15	23 17	0 42	21 33	1 38	7 52	1 22	4 20	2 16	10 15	0 32	9 41	0 45	4 25	16 36	15 19	15 8	19 4	16 55	4 54
S 18	19 25	15 24	0 2	25 7	2 10	23 27	0 44	21 25	1 37	7 52	1 22	4 22	2 17	10 16	0 32	9 40	0 45	4 25	16 36	15 19	15 9	19 4	16 54	4 54
S 19	19 39	11 53	1n11	25 5	2 4	23 37	0 46	21 17	1 37	7 51	1 21	4 25	2 17	10 17	0 32	9 40	0 45	4 25	16 36	15 19	15 10	19 3	16 53	4 54
M20	19 52	7 45	2 19	25 1	1 56	23 46	0 49	21 9	1 36	7 50	1 21	4 27	2 17	10 18	0 32	9 40	0 45	4 25	16 36	15 19	15 11	19 3	16 52	4 55
T 21	20 4	3 18	3 19	24 56	1 48	23 54	0 51	21 0	1 35	7 49	1 21	4 29	2 17	10 19	0 32	9 40	0 45	4 24	16 36	15 20	15 12	19 3	16 51	4 55
W22	20 16	1s15	4 6	24 49	1 39	24 2	0 53	20 52	1 35	7 48	1 21	4 31	2 17	10 20	0 32	9 40	0 45	4 24	16 36	15 22	15 13	19 2	16 50	4 55
T 23	20 28	5 41	4 39	24 41	1 29	24 9	0 56	20 43	1 34	7 47	1 20	4 34	2 17	10 21	0 32	9 39	0 45	4 24	16 36	15 24	15 14	19 2	16 49	4 55
F 24	20 40	9 46	4 58	24 32	1 18	24 15	0 58	20 34	1 33	7 46	1 20	4 36	2 17	10 22	0 32	9 39	0 45	4 24	16 37	15 27	15 15	19 1	16 49	4 56
S 25	20 51	13 22	5 1	24 21	1 6	24 21	1 0	20 25	1 33	7 45	1 20	4 38	2 18	10 23	0 32	9 39	0 45	4 23	16 37	15 31	15 16	19 1	16 48	4 56
S 26	21 2	16 17	4 49	24 9	0 53	24 26	1 2	20 16	1 32	7 44	1 20	4 40	2 18	10 24	0 32	9 39	0 45	4 23	16 37	15 35	15 17	19 0	16 47	4 56
M27	21 12	18 25	4 23	23 56	0 40	24 30	1 4	20 7	1 31	7 42	1 20	4 42	2 18	10 25	0 32	9 39	0 45	4 23	16 37	15 39	15 18	19 0	16 46	4 56
T 28	21 22	19 41	3 46	23 42	0 25	24 33	1 6	19 58	1 31	7 41	1 19	4 44	2 18	10 26	0 32	9 39	0 45	4 23	16 37	15 42	15 19	19 0	16 45	4 57
W29	21 32	20 2	2 59	23 28	0 10	24 36	1 9	19 49	1 30	7 40	1 19	4 46	2 18	10 27	0 32	9 39	0 45	4 22	16 38	15 44	15 20	18 59	16 44	4 57
T 30	21 41	19 29	2 5	23 12	0s 5	24 38	1 11	19 39	1 29	7 38	1 19	4 48	2 19	10 28	0 32	9 38	0 45	4 22	16 38	15 45	15 21	18 59	16 43	4 57
F 31	21n50	18s 5	1n 5	22n55	0s22	24n39	1n13	19n30	1n29	7n36	1n19	4n50	2s19	10n29	0s32	9s38	0s45	4s22	16s38	15n46	15n22	18s58	16s42	4n57

Julian Day Number = 2396878.5, Delta T = 9.38 sec
Ecliptic obliquity = 23°27'24, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°39'01, Lahiri = 21°46'01

ASTRODIENST EPHEMERIS for the year 1850
geocentric

JUNE 1850 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 36 29	10♊ 5'36	16♒21	23°R 3	3♋ 5	9♌24	13♍49	17♈51	28♈40	7♓ 2	29♈17	16°D55	18♌12	26♉49	7°R32	S 1
S 2	16 40 26	11° 3'02	28°13	22♊48	4°18	9°58	13°53	17°57	28°43	7° 2	29°18	16♌56	18° 9	26°56	7♐28	S 2
M 3	16 44 22	12° 0'29	10♓15	22°30	5°30	10°32	13°57	18° 2	28°46	7° 2	29°19	16°R56	18° 6	27° 2	7°24	M 3
T 4	16 48 19	12°57'54	22°31	22° 8	6°43	11° 7	14° 1	18° 8	28°49	7° 2	29°20	16°56	18° 3	27° 9	7°19	T 4
W 5	16 52 15	13°55'19	5♈ 7	21°43	7°56	11°41	14° 5	18°13	28°51	7° 3	29°21	16°54	17°59	27°16	7°15	W 5
T 6	16 56 12	14°52'43	18° 6	21°15	9° 9	12°15	14°10	18°18	28°54	7° 3	29°22	16°49	17°56	27°22	7°11	T 6
F 7	17 0 9	15°50'07	1♉33	20°45	10°22	12°50	14°14	18°24	28°57	7° 3	29°23	16°43	17°53	27°29	7° 6	F 7
S 8	17 4 5	16°47'30	15°28	20°14	11°34	13°25	14°19	18°29	28°59	7° 3	29°24	16°35	17°50	27°36	7° 2	S 8
S 9	17 8 2	17°44'52	29°47	19°41	12°47	13°59	14°24	18°34	29° 2	7° 3	29°25	16°26	17°47	27°42	6°58	S 9
M10	17 11 58	18°42'14	14♊28	19° 7	14° 0	14°34	14°29	18°39	29° 4	7°R 3	29°26	16°17	17°43	27°49	6°54	M10
T 11	17 15 55	19°39'35	29°21	18°34	15°12	15° 9	14°35	18°44	29° 7	7° 3	29°27	16° 9	17°40	27°56	6°50	T 11
W12	17 19 51	20°36'56	14♋19	18° 0	16°25	15°44	14°40	18°49	29° 9	7° 3	29°28	16° 4	17°37	28° 2	6°46	W12
T 13	17 23 48	21°34'16	29°13	17°28	17°38	16°19	14°46	18°53	29°12	7° 3	29°29	16° 0	17°34	28° 9	6°42	T 13
F 14	17 27 44	22°31'34	13♌55	16°58	18°50	16°54	14°51	18°58	29°14	7° 3	29°30	15°D59	17°31	28°16	6°38	F 14
S 15	17 31 41	23°28'52	28°21	16°30	20° 3	17°29	14°57	19° 3	29°16	7° 2	29°31	16° 0	17°28	28°22	6°34	S 15
S 16	17 35 38	24°26'09	12♍27	16° 4	21°15	18° 4	15° 3	19° 7	29°19	7° 2	29°32	16° 1	17°24	28°29	6°30	S 16
M17	17 39 34	25°23'25	26°15	15°41	22°28	18°39	15°10	19°12	29°21	7° 2	29°32	16°R 1	17°21	28°36	6°26	M17
T 18	17 43 31	26°20'41	9♎43	15°22	23°40	19°14	15°16	19°16	29°23	7° 2	29°33	16° 0	17°18	28°42	6°22	T 18
W19	17 47 27	27°17'55	22°55	15° 6	24°53	19°49	15°22	19°20	29°25	7° 1	29°34	15°57	17°15	28°49	6°18	W19
T 20	17 51 24	28°15'09	5♏51	14°55	26° 5	20°25	15°29	19°25	29°27	7° 1	29°35	15°53	17°12	28°56	6°14	T 20
F 21	17 55 20	29°12'23	18°33	14°48	27°17	21° 0	15°36	19°29	29°29	7° 1	29°36	15°46	17° 9	29° 2	6°10	F 21
S 22	17 59 17	0♋ 9'36	1♐ 3	14°D45	28°29	21°35	15°42	19°33	29°32	7° 0	29°37	15°38	17° 5	29° 9	6° 7	S 22
S 23	18 3 13	1° 6'48	13°22	14°47	29°42	22°11	15°49	19°37	29°34	7° 0	29°37	15°30	17° 2	29°15	6° 3	S 23
M24	18 7 10	2° 4'00	25°31	14°53	0♌54	22°46	15°56	19°41	29°36	7° 0	29°38	15°23	16°59	29°22	5°59	M24
T 25	18 11 7	3° 1'12	7♑32	15° 5	2° 6	23°22	16° 4	19°45	29°38	6°59	29°39	15°16	16°56	29°29	5°56	T 25
W26	18 15 3	3°58'23	19°26	15°21	3°18	23°57	16°11	19°48	29°39	6°59	29°39	15°11	16°53	29°35	5°52	W26
T 27	18 19 0	4°55'34	1♒16	15°42	4°30	24°33	16°19	19°52	29°41	6°58	29°40	15° 9	16°49	29°42	5°49	T 27
F 28	18 22 56	5°52'46	13° 3	16° 8	5°42	25° 9	16°26	19°55	29°43	6°57	29°41	15°D 8	16°46	29°49	5°46	F 28
S 29	18 26 53	6°49'57	24°51	16°38	6°54	25°44	16°34	19°59	29°45	6°57	29°41	15° 8	16°43	29°55	5°42	S 29
S 30	18 30 49	7♋47'08	6♓44	17♊13	8♌ 6	26♌20	16♍42	20♈ 2	29♈47	6♓56	29♈42	15♌ 9	16♌40	0♒ 2	5♐39	S 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
S 1	21n59	15s54	0n 3	22n38	0s38	24n40	1n14	19n20	1n28	7n35	1n19	4n52	2s19	10n30	0s32	9s38	0s45	4s22	16s38	15n47	15n23	18s58	16s41	4n58
S 2	22 7	13 2	1s 0	22 20	0 55	24 40	1 16	19 10	1 28	7 33	1 18	4 54	2 19	10 31	0 32	9 38	0 45	4 22	16 38	15 46	15 24	18 57	16 40	4 58
M 3	22 15	9 36	2 1	22 2	1 13	24 39	1 18	19 0	1 27	7 31	1 18	4 56	2 19	10 32	0 32	9 38	0 45	4 22	16 39	15 46	15 25	18 57	16 40	4 58
T 4	22 22	5 42	2 58	21 44	1 30	24 37	1 20	18 50	1 26	7 30	1 18	4 58	2 20	10 33	0 32	9 38	0 45	4 21	16 39	15 46	15 26	18 56	16 39	4 58
W 5	22 29	1 28	3 48	21 25	1 47	24 35	1 22	18 40	1 26	7 28	1 18	5 0	2 20	10 34	0 32	9 38	0 45	4 21	16 39	15 47	15 27	18 56	16 38	4 58
T 6	22 36	2n59	4 28	21 6	2 4	24 32	1 23	18 30	1 25	7 26	1 18	5 2	2 20	10 35	0 32	9 38	0 45	4 21	16 39	15 48	15 28	18 55	16 37	4 58
F 7	22 42	7 25	4 55	20 47	2 21	24 28	1 25	18 19	1 24	7 24	1 17	5 3	2 20	10 36	0 32	9 38	0 46	4 21	16 39	15 50	15 29	18 55	16 36	4 59
S 8	22 48	11 37	5 5	20 29	2 37	24 23	1 27	18 9	1 24	7 22	1 17	5 5	2 20	10 37	0 33	9 38	0 46	4 21	16 40	15 53	15 30	18 54	16 35	4 59
S 9	22 53	15 17	4 57	20 11	2 53	24 18	1 28	17 58	1 23	7 20	1 17	5 7	2 21	10 38	0 33	9 38	0 46	4 21	16 40	15 55	15 31	18 54	16 35	4 59
M10	22 59	18 5	4 29	19 54	3 7	24 12	1 30	17 47	1 22	7 17	1 17	5 8	2 21	10 39	0 33	9 38	0 46	4 21	16 40	15 58	15 32	18 53	16 34	4 59
T 11	23 3	19 44	3 43	19 37	3 21	24 6	1 31	17 36	1 22	7 15	1 17	5 10	2 21	10 40	0 33	9 38	0 46	4 21	16 40	16 0	15 33	18 53	16 33	4 59
W12	23 7	20 1	2 42	19 22	3 34	23 58	1 32	17 25	1 21	7 13	1 16	5 12	2 21	10 40	0 33	9 38	0 46	4 21	16 41	16 2	15 34	18 53	16 32	4 59
T 13	23 11	18 53	1 29	19 8	3 45	23 50	1 34	17 14	1 21	7 11	1 16	5 13	2 21	10 41	0 33	9 38	0 46	4 20	16 41	16 3	15 35	18 52	16 32	4 59
F 14	23 15	16 29	0 11	18 55	3 55	23 42	1 35	17 3	1 20	7 8	1 16	5 15	2 22	10 42	0 33	9 38	0 46	4 20	16 41	16 3	15 36	18 52	16 31	4 59
S 15	23 18	13 5	1n 6	18 43	4 4	23 32	1 36	16 52	1 19	7 6	1 16	5 16	2 22	10 43	0 33	9 38	0 46	4 20	16 41	16 3	15 37	18 51	16 30	4 59
S 16	23 20	9 1	2 18	18 33	4 12	23 22	1 37	16 40	1 19	7 3	1 16	5 18	2 22	10 44	0 33	9 39	0 46	4 20	16 42	16 3	15 38	18 50	16 29	4 59
M17	23 23	4 33	3 19	18 25	4 18	23 12	1 38	16 29	1 18	7 1	1 15	5 19	2 22	10 44	0 33	9 39	0 46	4 20	16 42	16 3	15 39	18 50	16 29	4 59
T 18	23 24	0s 2	4 9	18 18	4 23	23 0	1 39	16 17	1 17	6 58	1 15	5 21	2 23	10 45	0 33	9 39	0 46	4 20	16 42	16 3	15 40	18 49	16 28	4 59
W19	23 26	4 31	4 44	18 13	4 26	22 49	1 40	16 6	1 17	6 55	1 15	5 22	2 23	10 46	0 33	9 39	0 46	4 20	16 43	16 4	15 41	18 49	16 27	4 59
T 20	23 27	8 42	5 3	18 10	4 28	22 36	1 41	15 54	1 16	6 53	1 15	5 24	2 23	10 47	0 33	9 39	0 46	4 20	16 43	16 5	15 42	18 48	16 27	4 59
F 21	23 27	12 25	5 8	18 8	4 29	22 23	1 42	15 42	1 16	6 50	1 15	5 25	2 23	10 47	0 33	9 39	0 46	4 20	16 43	16 7	15 43	18 48	16 26	4 59
S 22	23 27	15 32	4 57	18 9	4 28	22 9	1 42	15 30	1 15	6 47	1 15	5 26	2 24	10 48	0 33	9 39	0 46	4 20	16 43	16 10	15 43	18 47	16 26	4 59
S 23	23 27	17 54	4 33	18 11	4 26	21 54	1 43	15 18	1 14	6 44	1 14	5 28	2 24	10 49	0 33	9 40	0 46	4 20	16 44	16 12	15 44	18 47	16 25	4 59
M24	23 26	19 27	3 56	18 15	4 23	21 39	1 43	15 6	1 14	6 41	1 14	5 29	2 24	10 50	0 33	9 40	0 46	4 20	16 44	16 14	15 45	18 46	16 24	4 59
T 25	23 25	20 5	3 10	18 20	4 19	21 24	1 44	14 53	1 13	6 38	1 14	5 30	2 24	10 50	0 33	9 40	0 46	4 20	16 44	16 16	15 46	18 46	16 24	4 59
W26	23 24	19 49	2 15	18 27	4 13	21 7	1 44	14 41	1 12	6 35	1 14	5 31	2 24	10 51	0 33	9 40	0 46	4 20	16 45	16 18	15 47	18 45	16 23	4 59
T 27	23 22	18 41	1 15	18 35	4 7	20 50	1 44	14 29	1 12	6 32	1 14	5 32	2 25	10 52	0 33	9 40	0 46	4 20	16 45	16 18	15 48	18 45	16 23	4 59
F 28	23 20	16 44	0 11	18 45	4 0	20 33	1 45	14 16	1 11	6 29	1 13	5 33	2 25	10 52	0 33	9 41	0 46	4 20	16 45	16 19	15 49	18 44	16 22	4 59
S 29	23 17	14 5	0s53	18 56	3 52	20 15	1 45	14 3	1 11	6 26	1 13	5 35	2 25	10 53	0 33	9 41	0 46	4 21	16 45	16 19	15 50	18 43	16 22	4 59
S 30	23n14	10s50	1s55	19n 8	3s43	19n57	1n45	13n51	1n10	6n23	1n13	5n36	2s25	10n53	0s33	9s41	0s46	4s21	16s46	16n18	15n51	18s43	16s21	4n59

Julian Day Number = 2396909.5, Delta T = 9.41 sec
Ecliptic obliquity = 23°27'24, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°39'05, Lahiri = 21°46'06

ASTRODIENST EPHEMERIS for the year 1850
geocentric

JULY 1850 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 34 46	8♋44'20	18♓46	17♊53	9♌18	26♌56	16♍50	20♈ 6	29♈48	6°R56	29♈43	15♌11	16♌37	0♒ 9	5°R36	M 1
T 2	18 38 42	9°41'31	1♈ 2	18°38	10°30	27°32	16°58	20° 9	29°50	6♓55	29°43	15°12	16°34	0°15	5♐33	T 2
W 3	18 42 39	10°38'43	13°36	19°27	11°42	28° 8	17° 6	20°12	29°52	6°54	29°44	15°R12	16°30	0°22	5°30	W 3
T 4	18 46 36	11°35'55	26°33	20°21	12°54	28°44	17°14	20°15	29°53	6°53	29°44	15°11	16°27	0°29	5°27	T 4
F 5	18 50 32	12°33'07	9♉56	21°20	14° 6	29°20	17°23	20°18	29°55	6°53	29°45	15° 9	16°24	0°35	5°24	F 5
S 6	18 54 29	13°30'20	23°47	22°22	15°17	29°56	17°31	20°21	29°56	6°52	29°46	15° 6	16°21	0°42	5°21	S 6
S 7	18 58 25	14°27'34	8♊ 6	23°29	16°29	0♍32	17°40	20°23	29°58	6°51	29°46	15° 1	16°18	0°49	5°18	S 7
M 8	19 2 22	15°24'47	22°49	24°41	17°41	1° 8	17°49	20°26	29°59	6°50	29°47	14°57	16°15	0°55	5°16	M 8
T 9	19 6 18	16°22'01	7♋49	25°56	18°52	1°45	17°58	20°29	0♉ 0	6°49	29°47	14°53	16°11	1° 2	5°13	T 9
W10	19 10 15	17°19'15	22°58	27°16	20° 4	2°21	18° 7	20°31	0° 2	6°48	29°47	14°51	16° 8	1° 9	5°11	W10
T 11	19 14 12	18°16'30	8♌ 7	28°40	21°15	2°57	18°16	20°33	0° 3	6°48	29°48	14°D50	16° 5	1°15	5° 8	T 11
F 12	19 18 8	19°13'44	23° 6	0♋ 8	22°27	3°34	18°25	20°36	0° 4	6°47	29°48	14°50	16° 2	1°22	5° 6	F 12
S 13	19 22 5	20°10'59	7♍48	1°40	23°38	4°10	18°34	20°38	0° 5	6°46	29°49	14°51	15°59	1°29	5° 4	S 13
S 14	19 26 1	21° 8'14	22° 8	3°16	24°50	4°47	18°44	20°40	0° 7	6°45	29°49	14°52	15°55	1°35	5° 1	S 14
M15	19 29 58	22° 5'28	6♎ 4	4°55	26° 1	5°23	18°53	20°42	0° 8	6°44	29°49	14°53	15°52	1°42	4°59	M15
T 16	19 33 54	23° 2'43	19°36	6°39	27°12	6° 0	19° 3	20°44	0° 9	6°42	29°50	14°R54	15°49	1°48	4°57	T 16
W17	19 37 51	23°59'58	2♏46	8°25	28°23	6°36	19°12	20°46	0°10	6°41	29°50	14°54	15°46	1°55	4°55	W17
T 18	19 41 47	24°57'13	15°35	10°15	29°35	7°13	19°22	20°47	0°11	6°40	29°50	14°53	15°43	2° 2	4°54	T 18
F 19	19 45 44	25°54'29	28° 8	12° 7	0♍46	7°50	19°32	20°49	0°11	6°39	29°50	14°51	15°40	2° 8	4°52	F 19
S 20	19 49 41	26°51'44	10♐26	14° 3	1°57	8°27	19°42	20°50	0°12	6°38	29°51	14°48	15°36	2°15	4°50	S 20
S 21	19 53 37	27°49'01	22°33	16° 1	3° 8	9° 3	19°52	20°52	0°13	6°37	29°51	14°46	15°33	2°22	4°49	S 21
M22	19 57 34	28°46'17	4♑32	18° 1	4°19	9°40	20° 2	20°53	0°14	6°36	29°51	14°43	15°30	2°28	4°47	M22
T 23	20 1 30	29°43'34	16°25	20° 3	5°30	10°17	20°12	20°54	0°15	6°34	29°51	14°41	15°27	2°35	4°46	T 23
W24	20 5 27	0♌40'52	28°14	22° 6	6°40	10°54	20°22	20°55	0°15	6°33	29°51	14°40	15°24	2°42	4°44	W24
T 25	20 9 23	1°38'10	10♒ 2	24°11	7°51	11°31	20°33	20°56	0°16	6°32	29°52	14°D39	15°21	2°48	4°43	T 25
F 26	20 13 20	2°35'29	21°51	26°16	9° 2	12° 8	20°43	20°57	0°16	6°31	29°52	14°39	15°17	2°55	4°42	F 26
S 27	20 17 16	3°32'49	3♓43	28°22	10°12	12°45	20°54	20°58	0°17	6°29	29°52	14°40	15°14	3° 2	4°41	S 27
S 28	20 21 13	4°30'10	15°41	0♌29	11°23	13°22	21° 4	20°58	0°17	6°28	29°52	14°41	15°11	3° 8	4°40	S 28
M29	20 25 10	5°27'32	27°48	2°35	12°33	14° 0	21°15	20°59	0°18	6°27	29°52	14°42	15° 8	3°15	4°39	M29
T 30	20 29 6	6°24'54	10♈ 8	4°41	13°44	14°37	21°26	20°59	0°18	6°25	29°52	14°43	15° 5	3°22	4°38	T 30
W31	20 33 3	7♌22'18	22♈43	6♌46	14♍54	15♍14	21♍37	21♈ 0	0♉18	6♓24	29°R52	14♌43	15♌ 1	3♒28	4♐38	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	23n10	7s 6	2s53	19n21	3s34	19n37	1n45	13n38	1n 9	6n19	1n13	5n37	2s26	10n54	0s33	9s42	0s46	4s21	16s46	16n18	15n52	18s42	16s21	4n59
T 2	23 6	3 2	3 45	19 35	3 24	19 18	1 45	13 25	1 9	6 16	1 13	5 38	2 26	10 54	0 33	9 42	0 46	4 21	16 46	16 17	15 53	18 42	16 20	4 59
W 3	23 2	1n16	4 27	19 50	3 13	18 58	1 45	13 12	1 8	6 13	1 13	5 38	2 26	10 55	0 33	9 42	0 46	4 21	16 47	16 17	15 54	18 41	16 20	4 59
T 4	22 57	5 38	4 57	20 5	3 2	18 37	1 44	12 59	1 8	6 9	1 13	5 39	2 27	10 56	0 33	9 42	0 46	4 21	16 47	16 18	15 55	18 41	16 20	4 59
F 5	22 52	9 52	5 12	20 21	2 50	18 16	1 44	12 46	1 7	6 6	1 12	5 40	2 27	10 56	0 33	9 43	0 46	4 21	16 47	16 18	15 56	18 40	16 19	4 58
S 6	22 46	13 44	5 9	20 37	2 38	17 55	1 44	12 32	1 6	6 3	1 12	5 41	2 27	10 57	0 33	9 43	0 46	4 21	16 48	16 19	15 57	18 39	16 19	4 58
S 7	22 40	16 56	4 48	20 52	2 26	17 33	1 43	12 19	1 6	5 59	1 12	5 42	2 27	10 57	0 33	9 43	0 47	4 21	16 48	16 20	15 58	18 39	16 19	4 58
M 8	22 34	19 8	4 8	21 8	2 13	17 10	1 43	12 5	1 5	5 55	1 12	5 43	2 28	10 58	0 33	9 44	0 47	4 21	16 48	16 22	15 59	18 38	16 18	4 58
T 9	22 27	20 4	3 9	21 24	2 0	16 47	1 42	11 52	1 4	5 52	1 12	5 43	2 28	10 58	0 33	9 44	0 47	4 22	16 49	16 23	16 0	18 38	16 18	4 58
W10	22 20	19 34	1 57	21 39	1 47	16 24	1 41	11 38	1 4	5 48	1 12	5 44	2 28	10 58	0 33	9 44	0 47	4 22	16 49	16 24	16 1	18 37	16 18	4 58
T 11	22 13	17 39	0 37	21 54	1 33	16 0	1 40	11 25	1 3	5 44	1 11	5 45	2 28	10 59	0 33	9 45	0 47	4 22	16 49	16 24	16 2	18 36	16 17	4 58
F 12	22 5	14 33	0n45	22 7	1 20	15 36	1 39	11 11	1 3	5 41	1 11	5 45	2 29	10 59	0 33	9 45	0 47	4 22	16 50	16 24	16 3	18 36	16 17	4 57
S 13	21 56	10 33	2 3	22 20	1 7	15 12	1 38	10 57	1 2	5 37	1 11	5 46	2 29	11 0	0 33	9 46	0 47	4 22	16 50	16 24	16 4	18 35	16 17	4 57
S 14	21 48	6 3	3 11	22 31	0 54	14 47	1 37	10 43	1 1	5 33	1 11	5 46	2 29	11 0	0 33	9 46	0 47	4 23	16 50	16 23	16 4	18 35	16 17	4 57
M15	21 39	1 21	4 6	22 41	0 40	14 22	1 36	10 29	1 1	5 29	1 11	5 47	2 29	11 0	0 33	9 46	0 47	4 23	16 51	16 23	16 5	18 34	16 16	4 57
T 16	21 29	3s16	4 45	22 50	0 28	13 56	1 35	10 15	1 0	5 25	1 11	5 47	2 30	11 1	0 33	9 47	0 47	4 23	16 51	16 23	16 6	18 33	16 16	4 57
W17	21 19	7 36	5 9	22 56	0 15	13 30	1 33	10 1	1 0	5 22	1 11	5 48	2 30	11 1	0 33	9 47	0 47	4 23	16 51	16 23	16 7	18 33	16 16	4 57
T 18	21 9	11 29	5 16	23 1	0 3	13 4	1 32	9 47	0 59	5 18	1 10	5 48	2 30	11 1	0 33	9 48	0 47	4 23	16 52	16 23	16 8	18 32	16 16	4 56
F 19	20 59	14 46	5 7	23 3	0n 9	12 37	1 30	9 33	0 58	5 14	1 10	5 48	2 31	11 2	0 33	9 48	0 47	4 24	16 52	16 24	16 9	18 31	16 16	4 56
S 20	20 48	17 20	4 45	23 3	0 20	12 10	1 29	9 18	0 58	5 10	1 10	5 49	2 31	11 2	0 33	9 49	0 47	4 24	16 52	16 24	16 10	18 31	16 16	4 56
S 21	20 37	19 5	4 10	23 1	0 31	11 43	1 27	9 4	0 57	5 5	1 10	5 49	2 31	11 2	0 33	9 49	0 47	4 24	16 53	16 25	16 11	18 30	16 16	4 56
M22	20 25	19 59	3 24	22 56	0 42	11 16	1 25	8 49	0 57	5 1	1 10	5 49	2 31	11 2	0 33	9 50	0 47	4 24	16 53	16 26	16 12	18 29	16 16	4 55
T 23	20 13	19 58	2 30	22 48	0 51	10 48	1 24	8 35	0 56	4 57	1 10	5 49	2 32	11 3	0 33	9 50	0 47	4 25	16 53	16 26	16 13	18 29	16 16	4 55
W24	20 1	19 4	1 30	22 38	1 0	10 20	1 22	8 20	0 55	4 53	1 10	5 49	2 32	11 3	0 33	9 50	0 47	4 25	16 54	16 27	16 14	18 28	16 16	4 55
T 25	19 49	17 20	0 26	22 25	1 8	9 52	1 20	8 6	0 55	4 49	1 10	5 49	2 32	11 3	0 33	9 51	0 47	4 25	16 54	16 27	16 15	18 27	16 16	4 55
F 26	19 36	14 52	0s40	22 9	1 15	9 23	1 17	7 51	0 54	4 45	1 10	5 50	2 33	11 3	0 33	9 51	0 47	4 25	16 54	16 27	16 16	18 27	16 16	4 55
S 27	19 23	11 46	1 44	21 50	1 22	8 54	1 15	7 36	0 54	4 40	1 9	5 50	2 33	11 3	0 33	9 52	0 47	4 26	16 55	16 27	16 17	18 26	16 16	4 54
S 28	19 9	8 10	2 44	21 30	1 28	8 26	1 13	7 21	0 53	4 36	1 9	5 50	2 33	11 4	0 33	9 52	0 47	4 26	16 55	16 26	16 18	18 25	16 16	4 54
M29	18 55	4 12	3 37	21 6	1 33	7 56	1 11	7 7	0 52	4 32	1 9	5 49	2 33	11 4	0 33	9 53	0 47	4 26	16 55	16 26	16 19	18 25	16 16	4 54
T 30	18 41	0 0	4 22	20 40	1 37	7 27	1 8	6 52	0 52	4 27	1 9	5 49	2 34	11 4	0 34	9 54	0 47	4 27	16 56	16 26	16 20	18 24	16 16	4 54
W31	18n27	4n17	4s55	20n13	1n40	6n58	1n 6	6n37	0n51	4n23	1n 9	5n49	2s34	11n 4	0s34	9s54	0s47	4s27	16s56	16n26	16n20	18s23	16s16	4n53

Julian Day Number = 2396939.5, Delta T = 9.43 sec
Ecliptic obliquity = 23°27'24, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°39'09, Lahiri = 21°46'10

ASTRODIENST EPHEMERIS for the year 1850
geocentric

AUGUST 1850 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 36 59	8♌19'43	5♉39	8♌51	16♍ 4	15♍52	21♍48	21♈ 0	0♉19	6°R23	29°R52	14°R43	14♌58	3♒35	4°R37	T 1
F 2	20 40 56	9°17'09	18°57	10°55	17°15	16°29	21°59	21° 0	0°19	6♓21	29♈52	14♌43	14°55	3°41	4♐37	F 2
S 3	20 44 52	10°14'37	2♊40	12°58	18°25	17° 6	22°10	21°R 0	0°19	6°20	29°52	14°43	14°52	3°48	4°36	S 3
S 4	20 48 49	11°12'06	16°48	15° 0	19°35	17°44	22°21	21° 0	0°19	6°18	29°52	14°43	14°49	3°55	4°36	S 4
M 5	20 52 45	12° 9'36	1♋21	17° 0	20°45	18°21	22°32	21° 0	0°19	6°17	29°52	14°42	14°46	4° 1	4°36	M 5
T 6	20 56 42	13° 7'08	16°13	18°59	21°55	18°59	22°43	21° 0	0°R19	6°15	29°51	14°42	14°42	4° 8	4°D36	T 6
W 7	21 0 39	14° 4'40	1♌19	20°57	23° 5	19°37	22°55	20°59	0°19	6°14	29°51	14°42	14°39	4°15	4°36	W 7
T 8	21 4 35	15° 2'14	16°29	22°53	24°15	20°14	23° 6	20°59	0°19	6°12	29°51	14°42	14°36	4°21	4°36	T 8
F 9	21 8 32	15°59'49	1♍34	24°48	25°24	20°52	23°17	20°58	0°19	6°11	29°51	14°42	14°33	4°28	4°36	F 9
S 10	21 12 28	16°57'25	16°26	26°42	26°34	21°30	23°29	20°58	0°19	6° 9	29°51	14°42	14°30	4°35	4°36	S 10
S 11	21 16 25	17°55'01	0♎58	28°34	27°44	22° 8	23°40	20°57	0°19	6° 8	29°51	14°42	14°27	4°41	4°37	S 11
M12	21 20 21	18°52'39	15° 4	0♍24	28°53	22°46	23°52	20°56	0°18	6° 6	29°50	14°41	14°23	4°48	4°37	M12
T 13	21 24 18	19°50'18	28°44	2°13	0♎ 2	23°24	24° 4	20°55	0°18	6° 5	29°50	14°41	14°20	4°55	4°38	T 13
W14	21 28 14	20°47'58	11♏58	4° 0	1°12	24° 2	24°16	20°54	0°17	6° 3	29°50	14°41	14°17	5° 1	4°39	W14
T 15	21 32 11	21°45'39	24°48	5°46	2°21	24°40	24°27	20°52	0°17	6° 2	29°49	14°D40	14°14	5° 8	4°39	T 15
F 16	21 36 7	22°43'20	7♐18	7°31	3°30	25°18	24°39	20°51	0°17	6° 0	29°49	14°41	14°11	5°15	4°40	F 16
S 17	21 40 4	23°41'03	19°31	9°14	4°39	25°56	24°51	20°50	0°16	5°58	29°49	14°41	14° 7	5°21	4°41	S 17
S 18	21 44 1	24°38'47	1♑32	10°56	5°48	26°34	25° 3	20°48	0°15	5°57	29°48	14°42	14° 4	5°28	4°42	S 18
M19	21 47 57	25°36'33	13°25	12°36	6°57	27°12	25°15	20°47	0°15	5°55	29°48	14°43	14° 1	5°34	4°44	M19
T 20	21 51 54	26°34'19	25°14	14°15	8° 6	27°50	25°27	20°45	0°14	5°54	29°48	14°44	13°58	5°41	4°45	T 20
W21	21 55 50	27°32'07	7♒ 1	15°52	9°14	28°29	25°39	20°43	0°13	5°52	29°47	14°45	13°55	5°48	4°46	W21
T 22	21 59 47	28°29'56	18°51	17°28	10°23	29° 7	25°51	20°41	0°13	5°50	29°47	14°R45	13°52	5°54	4°48	T 22
F 23	22 3 43	29°27'47	0♓45	19° 3	11°31	29°45	26° 4	20°39	0°12	5°49	29°46	14°44	13°48	6° 1	4°49	F 23
S 24	22 7 40	0♍25'39	12°45	20°36	12°39	0♎24	26°16	20°37	0°11	5°47	29°46	14°43	13°45	6° 8	4°51	S 24
S 25	22 11 36	1°23'32	24°53	22° 8	13°48	1° 2	26°28	20°35	0°10	5°45	29°45	14°41	13°42	6°14	4°53	S 25
M26	22 15 33	2°21'27	7♈12	23°39	14°56	1°41	26°40	20°33	0° 9	5°44	29°45	14°38	13°39	6°21	4°54	M26
T 27	22 19 30	3°19'24	19°42	25° 8	16° 4	2°19	26°53	20°30	0° 8	5°42	29°44	14°36	13°36	6°28	4°56	T 27
W28	22 23 26	4°17'23	2♉26	26°36	17°11	2°58	27° 5	20°28	0° 7	5°40	29°44	14°33	13°32	6°34	4°58	W28
T 29	22 27 23	5°15'23	15°26	28° 3	18°19	3°37	27°17	20°25	0° 6	5°39	29°43	14°31	13°29	6°41	5° 1	T 29
F 30	22 31 19	6°13'26	28°44	29°28	19°27	4°16	27°30	20°23	0° 5	5°37	29°42	14°30	13°26	6°48	5° 3	F 30
S 31	22 35 16	7♍11'30	12♊20	0♎51	20♎34	4♎54	27♍42	20♈20	0♉ 4	5♓36	29♈42	14°D30	13♌23	6♒54	5♐ 5	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	18n12	8n28	5s14	19n43	1n43	6n28	1n 3	6n22	0n51	4n19	1n 9	5n49	2s34	11n 4	0s34	9s55	0s47	4s27	16s56	16n26	16n21	18s23	16s16	4n53
F 2	17 57	12 23	5 17	19 11	1 45	5 58	1 0	6 6	0 50	4 14	1 9	5 49	2 34	11 4	0 34	9 55	0 47	4 28	16 57	16 26	16 22	18 22	16 17	4 53
S 3	17 41	15 46	5 2	18 38	1 46	5 28	0 58	5 51	0 50	4 10	1 9	5 49	2 35	11 4	0 34	9 56	0 47	4 28	16 57	16 26	16 23	18 21	16 17	4 53
S 4	17 26	18 20	4 29	18 3	1 46	4 58	0 55	5 36	0 49	4 5	1 9	5 48	2 35	11 4	0 34	9 56	0 47	4 28	16 57	16 26	16 24	18 20	16 17	4 52
M 5	17 10	19 48	3 39	17 26	1 46	4 28	0 52	5 21	0 48	4 1	1 8	5 48	2 35	11 4	0 34	9 57	0 47	4 29	16 58	16 26	16 25	18 20	16 17	4 52
T 6	16 53	19 57	2 32	16 48	1 45	3 57	0 49	5 6	0 48	3 56	1 8	5 48	2 36	11 4	0 34	9 57	0 47	4 29	16 58	16 26	16 26	18 19	16 18	4 52
W 7	16 37	18 41	1 14	16 10	1 44	3 27	0 46	4 50	0 47	3 52	1 8	5 47	2 36	11 4	0 34	9 58	0 47	4 29	16 58	16 26	16 27	18 18	16 18	4 51
T 8	16 20	16 4	0n10	15 30	1 42	2 56	0 43	4 35	0 47	3 47	1 8	5 47	2 36	11 4	0 34	9 58	0 47	4 30	16 59	16 26	16 28	18 18	16 18	4 51
F 9	16 3	12 22	1 32	14 49	1 39	2 26	0 39	4 20	0 46	3 42	1 8	5 46	2 36	11 4	0 34	9 59	0 47	4 30	16 59	16 26	16 29	18 17	16 18	4 51
S 10	15 46	7 56	2 48	14 8	1 36	1 55	0 36	4 4	0 45	3 38	1 8	5 46	2 37	11 4	0 34	10 0	0 47	4 30	16 59	16 26	16 30	18 16	16 19	4 51
S 11	15 28	3 8	3 50	13 25	1 32	1 24	0 33	3 49	0 45	3 33	1 8	5 45	2 37	11 4	0 34	10 0	0 47	4 31	17 0	16 26	16 31	18 15	16 19	4 50
M12	15 11	1s41	4 36	12 43	1 28	0 54	0 29	3 33	0 44	3 28	1 8	5 45	2 37	11 4	0 34	10 1	0 47	4 31	17 0	16 26	16 32	18 15	16 19	4 50
T 13	14 53	6 16	5 6	12 0	1 24	0 23	0 26	3 18	0 44	3 24	1 8	5 44	2 37	11 3	0 34	10 1	0 47	4 32	17 0	16 26	16 33	18 14	16 20	4 50
W14	14 34	10 24	5 17	11 16	1 19	0s 8	0 22	3 2	0 43	3 19	1 8	5 43	2 38	11 3	0 34	10 2	0 47	4 32	17 1	16 27	16 33	18 13	16 20	4 49
T 15	14 16	13 55	5 13	10 32	1 13	0 39	0 19	2 46	0 42	3 14	1 8	5 43	2 38	11 3	0 34	10 3	0 48	4 32	17 1	16 27	16 34	18 12	16 21	4 49
F 16	13 57	16 43	4 53	9 48	1 8	1 10	0 15	2 31	0 42	3 10	1 8	5 42	2 38	11 3	0 34	10 3	0 48	4 33	17 1	16 27	16 35	18 12	16 21	4 49
S 17	13 38	18 42	4 21	9 4	1 2	1 41	0 11	2 15	0 41	3 5	1 7	5 41	2 39	11 3	0 34	10 4	0 48	4 33	17 2	16 26	16 36	18 11	16 22	4 49
S 18	13 19	19 49	3 38	8 20	0 56	2 12	0 7	1 59	0 41	3 0	1 7	5 40	2 39	11 2	0 34	10 4	0 48	4 34	17 2	16 26	16 37	18 10	16 22	4 48
M19	13 0	20 2	2 45	7 36	0 49	2 42	0 4	1 43	0 40	2 55	1 7	5 40	2 39	11 2	0 34	10 5	0 48	4 34	17 2	16 26	16 38	18 9	16 23	4 48
T 20	12 40	19 22	1 46	6 51	0 42	3 13	0s 0	1 28	0 39	2 50	1 7	5 39	2 39	11 2	0 34	10 6	0 48	4 34	17 2	16 25	16 39	18 9	16 23	4 48
W21	12 20	17 50	0 43	6 7	0 35	3 44	0 4	1 12	0 39	2 45	1 7	5 38	2 40	11 2	0 34	10 6	0 48	4 35	17 3	16 25	16 40	18 8	16 24	4 47
T 22	12 0	15 33	0s23	5 23	0 28	4 14	0 8	0 56	0 38	2 41	1 7	5 37	2 40	11 1	0 34	10 7	0 48	4 35	17 3	16 25	16 41	18 7	16 24	4 47
F 23	11 40	12 35	1 27	4 39	0 20	4 45	0 13	0 40	0 38	2 36	1 7	5 36	2 40	11 1	0 34	10 7	0 48	4 36	17 3	16 25	16 42	18 6	16 25	4 47
S 24	11 20	9 4	2 29	3 55	0 13	5 16	0 17	0 24	0 37	2 31	1 7	5 35	2 40	11 1	0 34	10 8	0 48	4 36	17 4	16 26	16 43	18 5	16 25	4 47
S 25	10 59	5 9	3 24	3 12	0 5	5 46	0 21	0 9	0 36	2 26	1 7	5 34	2 41	11 1	0 34	10 9	0 48	4 37	17 4	16 26	16 44	18 5	16 26	4 46
M26	10 39	0 59	4 11	2 29	0s 3	6 16	0 25	0s 7	0 36	2 21	1 7	5 33	2 41	11 0	0 34	10 9	0 48	4 37	17 4	16 27	16 44	18 4	16 26	4 46
T 27	10 18	3n17	4 46	1 46	0 11	6 46	0 29	0 23	0 35	2 16	1 7	5 32	2 41	11 0	0 34	10 10	0 48	4 37	17 5	16 28	16 45	18 3	16 27	4 46
W28	9 57	7 30	5 8	1 3	0 19	7 17	0 34	0 39	0 35	2 11	1 7	5 31	2 41	10 59	0 34	10 11	0 48	4 38	17 5	16 29	16 46	18 2	16 28	4 45
T 29	9 35	11 27	5 15	0 21	0 28	7 46	0 38	0 55	0 34	2 6	1 7	5 29	2 41	10 59	0 34	10 11	0 48	4 38	17 5	16 29	16 47	18 1	16 28	4 45
F 30	9 14	14 55	5 6	0s20	0 36	8 16	0 43	1 11	0 33	2 1	1 7	5 28	2 42	10 59	0 34	10 12	0 48	4 39	17 5	16 30	16 48	18 1	16 29	4 45
S 31	8n53	17n41	4s39	1s 1	0s45	8s46	0s47	1s27	0n33	1n56	1n 7	5n27	2s42	10n58	0s34	10s12	0s48	4s39	17s 6	16n30	16n49	18s 0	16s30	4n44

Julian Day Number = 2396970.5, Delta T = 9.46 sec
Ecliptic obliquity = 23°27'25, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°39'14, Lahiri = 21°46'14

ASTRODIENST EPHEMERIS for the year 1850
geocentric

SEPTEMBER 1850 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 39 12	8♍ 9'37	26♊17	2♎13	21♎42	5♎33	27♍55	20°R17	0°R 3	5°R34	29°R41	14♌31	13♌20	7♒ 1	5♐ 7	S 1
M 2	22 43 9	9° 7'45	10♋34	3°34	22°49	6°12	28° 8	20♈14	0♉ 1	5♓32	29♈41	14°32	13°17	7° 8	5°10	M 2
T 3	22 47 5	10° 5'56	25° 8	4°53	23°56	6°51	28°20	20°11	0° 0	5°31	29°40	14°33	13°13	7°14	5°13	T 3
W 4	22 51 2	11° 4'08	9♌57	6°11	25° 3	7°30	28°33	20° 8	29♈59	5°29	29°39	14°R34	13°10	7°21	5°15	W 4
T 5	22 54 59	12° 2'23	24°53	7°26	26°10	8° 9	28°45	20° 5	29°57	5°27	29°39	14°34	13° 7	7°27	5°18	T 5
F 6	22 58 55	13° 0'39	9♍50	8°41	27°16	8°48	28°58	20° 2	29°56	5°26	29°38	14°32	13° 4	7°34	5°21	F 6
S 7	23 2 52	13°58'57	24°39	9°53	28°23	9°27	29°11	19°59	29°54	5°24	29°37	14°29	13° 1	7°41	5°24	S 7
S 8	23 6 48	14°57'16	9♎12	11° 4	29°29	10° 7	29°24	19°55	29°53	5°22	29°36	14°25	12°58	7°47	5°27	S 8
M 9	23 10 45	15°55'37	23°23	12°12	0♏35	10°46	29°36	19°52	29°51	5°21	29°36	14°21	12°54	7°54	5°30	M 9
T 10	23 14 41	16°54'00	7♏ 9	13°19	1°42	11°25	29°49	19°48	29°50	5°19	29°35	14°16	12°51	8° 1	5°33	T 10
W11	23 18 38	17°52'25	20°28	14°23	2°47	12° 5	0♎ 2	19°45	29°48	5°18	29°34	14°12	12°48	8° 7	5°36	W11
T 12	23 22 34	18°50'51	3♐22	15°25	3°53	12°44	0°15	19°41	29°47	5°16	29°33	14° 9	12°45	8°14	5°40	T 12
F 13	23 26 31	19°49'19	15°53	16°25	4°59	13°23	0°28	19°37	29°45	5°14	29°32	14°D 8	12°42	8°21	5°43	F 13
S 14	23 30 28	20°47'48	28° 6	17°22	6° 4	14° 3	0°41	19°33	29°43	5°13	29°31	14° 8	12°38	8°27	5°47	S 14
S 15	23 34 24	21°46'19	10♑ 5	18°16	7° 9	14°42	0°53	19°29	29°41	5°11	29°31	14°10	12°35	8°34	5°50	S 15
M16	23 38 21	22°44'52	21°56	19° 7	8°14	15°22	1° 6	19°26	29°40	5°10	29°30	14°11	12°32	8°41	5°54	M16
T 17	23 42 17	23°43'26	3♒44	19°55	9°19	16° 2	1°19	19°22	29°38	5° 8	29°29	14°13	12°29	8°47	5°58	T 17
W18	23 46 14	24°42'03	15°32	20°40	10°24	16°41	1°32	19°18	29°36	5° 7	29°28	14°R13	12°26	8°54	6° 2	W18
T 19	23 50 10	25°40'40	27°25	21°21	11°28	17°21	1°45	19°13	29°34	5° 5	29°27	14°12	12°23	9° 0	6° 6	T 19
F 20	23 54 7	26°39'20	9♓27	21°57	12°32	18° 1	1°58	19° 9	29°32	5° 4	29°26	14° 9	12°19	9° 7	6°10	F 20
S 21	23 58 3	27°38'02	21°38	22°30	13°36	18°41	2°11	19° 5	29°30	5° 2	29°25	14° 4	12°16	9°14	6°14	S 21
S 22	0 2 0	28°36'45	4♈ 1	22°57	14°40	19°21	2°24	19° 1	29°28	5° 1	29°24	13°58	12°13	9°20	6°18	S 22
M23	0 5 56	29°35'31	16°37	23°20	15°43	20° 1	2°37	18°56	29°26	4°59	29°23	13°50	12°10	9°27	6°22	M23
T 24	0 9 53	0♎34'18	29°26	23°37	16°46	20°41	2°50	18°52	29°24	4°58	29°22	13°42	12° 7	9°34	6°27	T 24
W25	0 13 50	1°33'08	12♉27	23°48	17°49	21°21	3° 3	18°48	29°22	4°56	29°21	13°34	12° 3	9°40	6°31	W25
T 26	0 17 46	2°32'00	25°41	23°R53	18°52	22° 1	3°16	18°43	29°20	4°55	29°20	13°27	12° 0	9°47	6°35	T 26
F 27	0 21 43	3°30'54	9♊ 7	23°51	19°54	22°41	3°29	18°39	29°18	4°53	29°19	13°22	11°57	9°54	6°40	F 27
S 28	0 25 39	4°29'50	22°46	23°42	20°56	23°21	3°42	18°34	29°16	4°52	29°18	13°20	11°54	10° 0	6°45	S 28
S 29	0 29 36	5°28'49	6♋37	23°25	21°58	24° 2	3°55	18°30	29°14	4°51	29°17	13°D19	11°51	10° 7	6°49	S 29
M30	0 33 32	6♎27'51	20♋41	23♎ 1	23♏ 0	24♎42	4♎ 8	18♈25	29♈11	4♓49	29♈16	13♌20	11♌48	10♒14	6♐54	M30

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	8n31	19n29	3s56	1s42	0s53	9s15	0s51	1s43	0n32	1n51	1n 7	5n26	2s42	10n58	0s34	10s13	0s48	4s40	17s 6	16n29	16n50	17s59	16s30	4n44
M 2	8 9	20 6	2 56	2 22	1 2	9 45	0 56	1 59	0 32	1 46	1 7	5 24	2 42	10 57	0 34	10 14	0 48	4 40	17 6	16 29	16 51	17 58	16 31	4 44
T 3	7 47	19 24	1 45	3 1	1 11	10 14	1 1	2 15	0 31	1 41	1 7	5 23	2 43	10 57	0 34	10 14	0 48	4 41	17 6	16 29	16 52	17 57	16 32	4 44
W 4	7 25	17 22	0 25	3 40	1 19	10 43	1 5	2 31	0 30	1 36	1 6	5 22	2 43	10 56	0 34	10 15	0 48	4 41	17 7	16 28	16 53	17 57	16 33	4 43
T 5	7 3	14 7	0n56	4 18	1 28	11 11	1 10	2 47	0 30	1 31	1 6	5 20	2 43	10 56	0 34	10 15	0 48	4 42	17 7	16 28	16 54	17 56	16 33	4 43
F 6	6 41	9 58	2 14	4 55	1 37	11 40	1 14	3 3	0 29	1 26	1 6	5 19	2 43	10 55	0 34	10 16	0 48	4 42	17 7	16 29	16 54	17 55	16 34	4 43
S 7	6 18	5 13	3 22	5 32	1 45	12 8	1 19	3 19	0 29	1 20	1 6	5 18	2 43	10 55	0 34	10 17	0 48	4 43	17 7	16 30	16 55	17 54	16 35	4 43
S 8	5 56	0 16	4 16	6 7	1 54	12 36	1 24	3 35	0 28	1 15	1 6	5 16	2 44	10 54	0 34	10 17	0 48	4 43	17 8	16 31	16 56	17 53	16 36	4 42
M 9	5 33	4s34	4 52	6 42	2 2	13 4	1 28	3 51	0 27	1 10	1 6	5 15	2 44	10 54	0 34	10 18	0 48	4 44	17 8	16 32	16 57	17 52	16 37	4 42
T 10	5 11	9 1	5 10	7 16	2 11	13 31	1 33	4 6	0 27	1 5	1 6	5 13	2 44	10 53	0 34	10 18	0 48	4 44	17 8	16 34	16 58	17 51	16 37	4 42
W11	4 48	12 53	5 11	7 49	2 19	13 59	1 38	4 22	0 26	1 0	1 6	5 12	2 44	10 53	0 34	10 19	0 48	4 45	17 8	16 35	16 59	17 51	16 38	4 41
T 12	4 25	16 0	4 55	8 20	2 27	14 26	1 42	4 38	0 26	0 55	1 6	5 10	2 44	10 52	0 34	10 20	0 48	4 45	17 9	16 36	17 0	17 50	16 39	4 41
F 13	4 2	18 18	4 26	8 51	2 35	14 52	1 47	4 54	0 25	0 50	1 6	5 9	2 44	10 51	0 34	10 20	0 48	4 45	17 9	16 36	17 1	17 49	16 40	4 41
S 14	3 39	19 41	3 45	9 20	2 43	15 19	1 52	5 10	0 24	0 45	1 6	5 7	2 45	10 51	0 34	10 21	0 48	4 46	17 9	16 36	17 2	17 48	16 41	4 41
S 15	3 16	20 9	2 55	9 48	2 50	15 45	1 57	5 26	0 24	0 39	1 6	5 5	2 45	10 50	0 34	10 21	0 48	4 46	17 9	16 36	17 3	17 47	16 42	4 40
M16	2 53	19 43	1 59	10 14	2 58	16 11	2 1	5 42	0 23	0 34	1 6	5 4	2 45	10 49	0 34	10 22	0 48	4 47	17 9	16 35	17 3	17 46	16 42	4 40
T 17	2 30	18 25	0 57	10 39	3 5	16 36	2 6	5 58	0 23	0 29	1 6	5 2	2 45	10 49	0 34	10 23	0 48	4 47	17 10	16 35	17 4	17 45	16 43	4 40
W18	2 6	16 18	0s 7	11 2	3 11	17 1	2 11	6 13	0 22	0 24	1 6	5 0	2 45	10 48	0 34	10 23	0 48	4 48	17 10	16 34	17 5	17 44	16 44	4 40
T 19	1 43	13 29	1 11	11 23	3 18	17 26	2 16	6 29	0 21	0 19	1 6	4 59	2 45	10 47	0 34	10 24	0 48	4 48	17 10	16 35	17 6	17 44	16 45	4 39
F 20	1 20	10 5	2 13	11 42	3 23	17 50	2 20	6 45	0 21	0 14	1 6	4 57	2 45	10 47	0 34	10 24	0 48	4 49	17 10	16 36	17 7	17 43	16 46	4 39
S 21	0 56	6 13	3 9	11 59	3 29	18 14	2 25	7 1	0 20	0 9	1 6	4 55	2 46	10 46	0 34	10 25	0 48	4 49	17 10	16 37	17 8	17 42	16 47	4 39
S 22	0 33	2 1	3 57	12 14	3 33	18 38	2 30	7 16	0 20	0 3	1 6	4 54	2 46	10 45	0 34	10 25	0 48	4 50	17 11	16 39	17 9	17 41	16 48	4 39
M23	0 10	2n19	4 34	12 26	3 37	19 1	2 34	7 32	0 19	0s 2	1 6	4 52	2 46	10 45	0 34	10 26	0 48	4 50	17 11	16 41	17 10	17 40	16 49	4 38
T 24	0s14	6 37	4 58	12 35	3 40	19 24	2 39	7 48	0 18	0 7	1 6	4 50	2 46	10 44	0 34	10 26	0 48	4 51	17 11	16 44	17 11	17 39	16 50	4 38
W25	0 37	10 42	5 8	12 41	3 43	19 46	2 44	8 3	0 18	0 12	1 6	4 48	2 46	10 43	0 34	10 27	0 48	4 51	17 11	16 46	17 11	17 38	16 51	4 38
T 26	1 0	14 19	5 1	12 44	3 44	20 8	2 48	8 19	0 17	0 17	1 6	4 47	2 46	10 42	0 34	10 27	0 48	4 52	17 11	16 48	17 12	17 37	16 52	4 38
F 27	1 24	17 16	4 37	12 44	3 44	20 30	2 53	8 34	0 17	0 22	1 6	4 45	2 46	10 42	0 34	10 28	0 48	4 52	17 11	16 49	17 13	17 36	16 53	4 38
S 28	1 47	19 18	3 58	12 40	3 44	20 51	2 57	8 50	0 16	0 27	1 6	4 43	2 46	10 41	0 34	10 28	0 48	4 53	17 12	16 50	17 14	17 35	16 54	4 37
S 29	2 11	20 13	3 4	12 32	3 41	21 12	3 2	9 5	0 15	0 33	1 6	4 41	2 46	10 40	0 35	10 29	0 48	4 53	17 12	16 50	17 15	17 34	16 55	4 37
M30	2s34	19n54	1s59	12s19	3s37	21s32	3s 6	9s21	0n15	0s38	1n 6	4n40	2s46	10n39	0s35	10s29	0s48	4s54	17s12	16n50	17n16	17s33	16s56	4n37

Julian Day Number = 2397001.5, Delta T = 9.49 sec
Ecliptic obliquity = 23°27'25, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°39'18, Lahiri = 21°46'18

ASTRODIENST EPHEMERIS for the year 1850
geocentric

OCTOBER 1850 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 37 29	7♎26'54	4♌57	22°R30	24♏ 1	25♎22	4♎21	18°R21	29°R 9	4°R48	29°R15	13♌20	11♌44	10♒20	6♐59	T 1
W 2	0 41 25	8°26'00	19°23	21♎50	25° 2	26° 3	4°34	18♈16	29♈ 7	4♓47	29♈14	13°R21	11°41	10°27	7° 4	W 2
T 3	0 45 22	9°25'08	3♍56	21° 4	26° 3	26°43	4°47	18°11	29° 5	4°45	29°13	13°19	11°38	10°33	7° 9	T 3
F 4	0 49 19	10°24'18	18°31	20°10	27° 3	27°24	5° 0	18° 7	29° 2	4°44	29°12	13°15	11°35	10°40	7°14	F 4
S 5	0 53 15	11°23'31	3♎ 3	19°10	28° 3	28° 4	5°13	18° 2	29° 0	4°43	29°11	13° 8	11°32	10°47	7°19	S 5
S 6	0 57 12	12°22'45	17°24	18° 5	29° 3	28°45	5°26	17°57	28°58	4°42	29°10	12°59	11°29	10°53	7°24	S 6
M 7	1 1 8	13°22'02	1♏28	16°56	0♐ 2	29°26	5°38	17°52	28°55	4°40	29° 9	12°49	11°25	11° 0	7°29	M 7
T 8	1 5 5	14°21'21	15°10	15°45	1° 1	0♏ 6	5°51	17°48	28°53	4°39	29° 8	12°39	11°22	11° 7	7°35	T 8
W 9	1 9 1	15°20'41	28°29	14°34	1°59	0°47	6° 4	17°43	28°51	4°38	29° 7	12°30	11°19	11°13	7°40	W 9
T 10	1 12 58	16°20'03	11♐24	13°24	2°57	1°28	6°17	17°38	28°48	4°37	29° 6	12°23	11°16	11°20	7°45	T 10
F 11	1 16 54	17°19'28	23°57	12°19	3°55	2° 9	6°30	17°33	28°46	4°36	29° 5	12°17	11°13	11°27	7°51	F 11
S 12	1 20 51	18°18'54	6♑10	11°18	4°52	2°50	6°43	17°29	28°43	4°35	29° 3	12°15	11° 9	11°33	7°56	S 12
S 13	1 24 48	19°18'21	18°10	10°26	5°49	3°31	6°56	17°24	28°41	4°34	29° 2	12°D14	11° 6	11°40	8° 2	S 13
M14	1 28 44	20°17'51	0♒ 1	9°42	6°45	4°12	7° 9	17°19	28°39	4°33	29° 1	12°14	11° 3	11°47	8° 8	M14
T 15	1 32 41	21°17'22	11°49	9° 7	7°41	4°53	7°21	17°14	28°36	4°32	29° 0	12°R15	11° 0	11°53	8°13	T 15
W16	1 36 37	22°16'55	23°39	8°44	8°36	5°34	7°34	17°10	28°34	4°31	28°59	12°14	10°57	12° 0	8°19	W16
T 17	1 40 34	23°16'30	5♓35	8°32	9°31	6°16	7°47	17° 5	28°31	4°30	28°58	12°11	10°54	12° 6	8°25	T 17
F 18	1 44 30	24°16'06	17°43	8°D31	10°25	6°57	8° 0	17° 0	28°29	4°29	28°57	12° 6	10°50	12°13	8°31	F 18
S 19	1 48 27	25°15'45	0♈ 5	8°41	11°18	7°38	8°12	16°55	28°26	4°28	28°56	11°59	10°47	12°20	8°37	S 19
S 20	1 52 23	26°15'25	12°44	9° 1	12°11	8°20	8°25	16°51	28°24	4°27	28°54	11°48	10°44	12°26	8°43	S 20
M21	1 56 20	27°15'07	25°39	9°31	13° 4	9° 1	8°38	16°46	28°22	4°26	28°53	11°36	10°41	12°33	8°49	M21
T 22	2 0 16	28°14'52	8♉50	10°11	13°55	9°43	8°50	16°41	28°19	4°25	28°52	11°24	10°38	12°40	8°55	T 22
W23	2 4 13	29°14'38	22°15	10°59	14°46	10°24	9° 3	16°37	28°17	4°25	28°51	11°11	10°35	12°46	9° 1	W23
T 24	2 8 10	0♏14'26	5♊52	11°54	15°36	11° 6	9°16	16°32	28°14	4°24	28°50	11° 1	10°31	12°53	9° 7	T 24
F 25	2 12 6	1°14'17	19°38	12°57	16°26	11°47	9°28	16°28	28°12	4°23	28°49	10°53	10°28	13° 0	9°13	F 25
S 26	2 16 3	2°14'10	3♋31	14° 5	17°14	12°29	9°41	16°23	28° 9	4°22	28°48	10°48	10°25	13° 6	9°20	S 26
S 27	2 19 59	3°14'05	17°29	15°18	18° 2	13°11	9°53	16°19	28° 7	4°22	28°46	10°45	10°22	13°13	9°26	S 27
M28	2 23 56	4°14'02	1♌31	16°35	18°49	13°53	10° 6	16°14	28° 4	4°21	28°45	10°45	10°19	13°20	9°32	M28
T 29	2 27 52	5°14'01	15°36	17°56	19°35	14°34	10°18	16°10	28° 2	4°20	28°44	10°45	10°15	13°26	9°39	T 29
W30	2 31 49	6°14'03	29°45	19°21	20°21	15°16	10°30	16° 6	28° 0	4°20	28°43	10°44	10°12	13°33	9°45	W30
T 31	2 35 46	7♏14'06	13♍54	20♎48	21♐ 5	15♏58	10♎43	16♈ 1	27♈57	4♓19	28♈42	10♌41	10♌ 9	13♒40	9♐52	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s57	18n19	0s45	12s 2	3s32	21s52	3s10	9s36	0n14	0s43	1n 6	4n38	2s47	10n39	0s35	10s30	0s48	4s54	17s12	16n50	17n17	17s33	16s57	4n37
W 2	3 21	15 32	0n32	11 41	3 25	22 11	3 15	9 51	0 14	0 48	1 6	4 36	2 47	10 38	0 35	10 30	0 48	4 54	17 12	16 50	17 18	17 32	16 58	4 36
T 3	3 44	11 45	1 48	11 15	3 16	22 30	3 19	10 6	0 13	0 53	1 6	4 34	2 47	10 37	0 35	10 31	0 48	4 55	17 12	16 50	17 18	17 31	16 59	4 36
F 4	4 7	7 15	2 57	10 45	3 5	22 48	3 23	10 22	0 12	0 58	1 6	4 32	2 47	10 36	0 35	10 31	0 48	4 55	17 12	16 51	17 19	17 30	17 0	4 36
S 5	4 31	2 22	3 54	10 10	2 53	23 6	3 27	10 37	0 12	1 3	1 6	4 30	2 47	10 35	0 35	10 32	0 48	4 56	17 12	16 53	17 20	17 29	17 1	4 36
S 6	4 54	2s36	4 35	9 32	2 38	23 24	3 31	10 52	0 11	1 8	1 6	4 29	2 47	10 35	0 35	10 32	0 48	4 56	17 13	16 56	17 21	17 28	17 2	4 36
M 7	5 17	7 19	4 58	8 50	2 22	23 40	3 35	11 7	0 11	1 14	1 6	4 27	2 47	10 34	0 35	10 33	0 48	4 57	17 13	16 59	17 22	17 27	17 3	4 36
T 8	5 40	11 33	5 4	8 7	2 4	23 57	3 39	11 22	0 10	1 19	1 6	4 25	2 47	10 33	0 35	10 33	0 48	4 57	17 13	17 1	17 23	17 26	17 4	4 35
W 9	6 3	15 5	4 53	7 22	1 45	24 13	3 43	11 37	0 9	1 24	1 6	4 23	2 47	10 32	0 35	10 34	0 48	4 58	17 13	17 4	17 24	17 25	17 5	4 35
T 10	6 26	17 46	4 27	6 36	1 25	24 28	3 47	11 51	0 9	1 29	1 7	4 21	2 47	10 31	0 35	10 34	0 48	4 58	17 13	17 6	17 25	17 24	17 6	4 35
F 11	6 48	19 31	3 48	5 52	1 5	24 43	3 50	12 6	0 8	1 34	1 7	4 19	2 47	10 30	0 35	10 34	0 48	4 58	17 13	17 8	17 26	17 23	17 7	4 35
S 12	7 11	20 19	3 0	5 9	0 44	24 57	3 54	12 21	0 8	1 39	1 7	4 18	2 47	10 29	0 35	10 35	0 48	4 59	17 13	17 8	17 26	17 22	17 8	4 35
S 13	7 34	20 10	2 5	4 30	0 24	25 11	3 57	12 35	0 7	1 44	1 7	4 16	2 47	10 29	0 35	10 35	0 48	4 59	17 13	17 8	17 27	17 21	17 9	4 35
M14	7 56	19 6	1 5	3 54	0 4	25 24	4 1	12 50	0 6	1 49	1 7	4 14	2 47	10 28	0 35	10 35	0 48	5 0	17 13	17 8	17 28	17 20	17 10	4 34
T 15	8 19	17 13	0 2	3 23	0n15	25 37	4 4	13 4	0 6	1 54	1 7	4 12	2 47	10 27	0 35	10 36	0 48	5 0	17 13	17 8	17 29	17 19	17 11	4 34
W16	8 41	14 36	1s 0	2 58	0 33	25 49	4 7	13 18	0 5	1 59	1 7	4 10	2 47	10 26	0 35	10 36	0 48	5 1	17 13	17 8	17 30	17 18	17 12	4 34
T 17	9 3	11 20	2 1	2 38	0 49	26 1	4 10	13 33	0 5	2 4	1 7	4 9	2 47	10 25	0 35	10 37	0 48	5 1	17 13	17 9	17 31	17 17	17 13	4 34
F 18	9 25	7 34	2 57	2 24	1 4	26 12	4 13	13 47	0 4	2 9	1 7	4 7	2 47	10 24	0 35	10 37	0 48	5 1	17 13	17 11	17 32	17 16	17 14	4 34
S 19	9 47	3 24	3 45	2 16	1 17	26 22	4 16	14 1	0 3	2 14	1 7	4 5	2 47	10 23	0 35	10 37	0 48	5 2	17 13	17 13	17 32	17 15	17 15	4 34
S 20	10 9	0n59	4 24	2 13	1 29	26 32	4 18	14 15	0 3	2 19	1 7	4 3	2 47	10 23	0 34	10 37	0 48	5 2	17 13	17 16	17 33	17 14	17 16	4 34
M21	10 30	5 25	4 50	2 16	1 39	26 42	4 21	14 29	0 2	2 24	1 7	4 2	2 47	10 22	0 34	10 38	0 48	5 3	17 13	17 19	17 34	17 13	17 17	4 34
T 22	10 52	9 42	5 1	2 24	1 47	26 51	4 23	14 42	0 2	2 29	1 7	4 0	2 47	10 21	0 34	10 38	0 48	5 3	17 13	17 22	17 35	17 12	17 18	4 33
W23	11 13	13 35	4 55	2 36	1 54	26 59	4 25	14 56	0 1	2 34	1 7	3 58	2 47	10 20	0 34	10 38	0 48	5 3	17 13	17 26	17 36	17 11	17 19	4 33
T 24	11 34	16 49	4 34	2 53	1 59	27 7	4 27	15 10	0 0	2 39	1 7	3 57	2 46	10 19	0 34	10 39	0 48	5 4	17 13	17 29	17 37	17 10	17 20	4 33
F 25	11 55	19 8	3 56	3 14	2 3	27 14	4 29	15 23	0s 0	2 43	1 7	3 55	2 46	10 18	0 34	10 39	0 48	5 4	17 13	17 31	17 38	17 9	17 21	4 33
S 26	12 16	20 21	3 3	3 37	2 6	27 20	4 31	15 36	0 1	2 48	1 7	3 53	2 46	10 17	0 34	10 39	0 48	5 4	17 13	17 32	17 39	17 8	17 22	4 33
S 27	12 36	20 20	2 0	4 4	2 7	27 26	4 33	15 50	0 1	2 53	1 7	3 52	2 46	10 17	0 34	10 39	0 48	5 5	17 13	17 33	17 39	17 7	17 23	4 33
M28	12 56	19 3	0 49	4 33	2 8	27 32	4 34	16 3	0 2	2 58	1 8	3 50	2 46	10 16	0 34	10 40	0 48	5 5	17 13	17 33	17 40	17 6	17 24	4 33
T 29	13 17	16 35	0n26	5 4	2 8	27 37	4 35	16 16	0 3	3 3	1 8	3 49	2 46	10 15	0 34	10 40	0 47	5 5	17 13	17 33	17 41	17 4	17 25	4 33
W30	13 37	13 7	1 39	5 38	2 7	27 42	4 36	16 29	0 3	3 7	1 8	3 47	2 46	10 14	0 34	10 40	0 47	5 6	17 13	17 33	17 42	17 3	17 26	4 33
T 31	13s56	8n53	2n46	6s12	2n 5	27s45	4s37	16s42	0s 4	3s12	1n 8	3n45	2s46	10n13	0s34	10s40	0s47	5s 6	17s13	17n34	17n43	17s 2	17s27	4n33

Julian Day Number = 2397031.5, Delta T = 9.52 sec
Ecliptic obliquity = 23°27'26, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°39'22, Lahiri = 21°46'23

ASTRODIENST EPHEMERIS for the year 1850
geocentric

NOVEMBER 1850 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 39 42	8♏14'12	28♍ 3	22♎17	21♐48	16♏40	10♎55	15°R57	27°R55	4°R19	28°R41	10°R35	10♌ 6	13♒46	9♐58	F 1
S 2	2 43 39	9°14'20	12♎ 9	23°48	22°31	17°23	11° 7	15♈53	27♈52	4♓18	28♈40	10♌27	10° 3	13°53	10° 5	S 2
S 3	2 47 35	10°14'30	26° 6	25°21	23°12	18° 5	11°19	15°49	27°50	4°18	28°39	10°15	10° 0	13°59	10°11	S 3
M 4	2 51 32	11°14'41	9♏50	26°54	23°52	18°47	11°31	15°45	27°48	4°17	28°37	10° 3	9°56	14° 6	10°18	M 4
T 5	2 55 28	12°14'55	23°19	28°29	24°32	19°29	11°43	15°41	27°45	4°17	28°36	9°49	9°53	14°13	10°25	T 5
W 6	2 59 25	13°15'10	6♐28	0♏ 4	25° 9	20°11	11°55	15°37	27°43	4°17	28°35	9°37	9°50	14°19	10°31	W 6
T 7	3 3 21	14°15'27	19°17	1°40	25°46	20°54	12° 7	15°33	27°40	4°16	28°34	9°27	9°47	14°26	10°38	T 7
F 8	3 7 18	15°15'46	1♑47	3°16	26°21	21°36	12°19	15°29	27°38	4°16	28°33	9°19	9°44	14°33	10°45	F 8
S 9	3 11 14	16°16'06	14° 0	4°53	26°55	22°19	12°31	15°25	27°36	4°16	28°32	9°15	9°40	14°39	10°52	S 9
S 10	3 15 11	17°16'27	25°59	6°29	27°28	23° 1	12°43	15°22	27°34	4°16	28°31	9°13	9°37	14°46	10°58	S 10
M11	3 19 8	18°16'50	7♒50	8° 6	27°59	23°44	12°55	15°18	27°31	4°15	28°30	9°D12	9°34	14°53	11° 5	M11
T 12	3 23 4	19°17'15	19°37	9°43	28°29	24°26	13° 6	15°15	27°29	4°15	28°29	9°R12	9°31	14°59	11°12	T 12
W13	3 27 1	20°17'40	1♓27	11°20	28°57	25° 9	13°18	15°11	27°27	4°15	28°28	9°12	9°28	15° 6	11°19	W13
T 14	3 30 57	21°18'07	13°25	12°56	29°23	25°52	13°29	15° 8	27°25	4°15	28°27	9°10	9°25	15°13	11°26	T 14
F 15	3 34 54	22°18'36	25°36	14°33	29°48	26°35	13°41	15° 4	27°22	4°15	28°26	9° 5	9°21	15°19	11°33	F 15
S 16	3 38 50	23°19'05	8♈ 3	16° 9	0♑10	27°17	13°52	15° 1	27°20	4°D15	28°25	8°58	9°18	15°26	11°40	S 16
S 17	3 42 47	24°19'36	20°51	17°45	0°31	28° 0	14° 4	14°58	27°18	4°15	28°24	8°49	9°15	15°32	11°47	S 17
M18	3 46 43	25°20'09	4♉ 1	19°21	0°50	28°43	14°15	14°55	27°16	4°15	28°23	8°37	9°12	15°39	11°54	M18
T 19	3 50 40	26°20'42	17°31	20°57	1° 7	29°26	14°26	14°52	27°14	4°15	28°22	8°25	9° 9	15°46	12° 1	T 19
W20	3 54 37	27°21'18	1♊20	22°32	1°22	0♐ 9	14°37	14°49	27°12	4°15	28°21	8°13	9° 6	15°52	12° 8	W20
T 21	3 58 33	28°21'55	15°24	24° 8	1°35	0°52	14°48	14°46	27°10	4°15	28°20	8° 3	9° 2	15°59	12°15	T 21
F 22	4 2 30	29°22'33	29°37	25°43	1°46	1°35	14°59	14°44	27° 8	4°16	28°19	7°55	8°59	16° 6	12°22	F 22
S 23	4 6 26	0♐23'13	13♋54	27°18	1°54	2°19	15°10	14°41	27° 6	4°16	28°18	7°50	8°56	16°12	12°29	S 23
S 24	4 10 23	1°23'54	28°12	28°53	2° 1	3° 2	15°21	14°39	27° 4	4°16	28°17	7°48	8°53	16°19	12°36	S 24
M25	4 14 19	2°24'37	12♌26	0♐28	2° 4	3°45	15°32	14°36	27° 2	4°16	28°16	7°D48	8°50	16°26	12°43	M25
T 26	4 18 16	3°25'22	26°36	2° 2	2°R 6	4°29	15°42	14°34	27° 0	4°17	28°15	7°R48	8°46	16°32	12°50	T 26
W27	4 22 13	4°26'08	10♍38	3°37	2° 5	5°12	15°53	14°32	26°59	4°17	28°14	7°48	8°43	16°39	12°58	W27
T 28	4 26 9	5°26'56	24°34	5°11	2° 2	5°55	16° 4	14°30	26°57	4°18	28°13	7°47	8°40	16°46	13° 5	T 28
F 29	4 30 6	6°27'45	8♎23	6°46	1°56	6°39	16°14	14°28	26°55	4°18	28°12	7°43	8°37	16°52	13°12	F 29
S 30	4 34 2	7♐28'35	22♎ 3	8♐20	1♑48	7♐23	16♎24	14♈26	26♈53	4♓18	28♈12	7♌36	8♌34	16♒59	13♐19	S 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
F 1	14s16	4n10	3n42	6s48	2n 2	27s49	4s37	16s54	0s 4	3s17	1n 8	3n44	2s46	10n12	0s34	10s40	0s47	5s 6	17s13	17n36	17n44	17s 1	17s28	4n33
S 2	14 35	0s44	4 25	7 24	1 59	27 52	4 37	17 7	0 5	3 22	1 8	3 42	2 46	10 11	0 34	10 40	0 47	5 7	17 13	17 38	17 45	17 0	17 29	4 33
S 3	14 54	5 33	4 51	8 2	1 55	27 54	4 38	17 19	0 6	3 26	1 8	3 41	2 45	10 11	0 34	10 41	0 47	5 7	17 13	17 41	17 45	16 59	17 30	4 33
M 4	15 13	10 1	5 0	8 40	1 51	27 56	4 37	17 31	0 6	3 31	1 8	3 40	2 45	10 10	0 34	10 41	0 47	5 7	17 13	17 45	17 46	16 58	17 31	4 32
T 5	15 31	13 54	4 52	9 18	1 46	27 57	4 37	17 43	0 7	3 36	1 8	3 38	2 45	10 9	0 34	10 41	0 47	5 7	17 12	17 48	17 47	16 57	17 32	4 32
W 6	15 50	17 0	4 28	9 56	1 41	27 58	4 36	17 55	0 7	3 40	1 8	3 37	2 45	10 8	0 34	10 41	0 47	5 8	17 12	17 51	17 48	16 56	17 33	4 32
T 7	16 8	19 11	3 52	10 34	1 35	27 58	4 35	18 7	0 8	3 45	1 8	3 35	2 45	10 7	0 34	10 41	0 47	5 8	17 12	17 54	17 49	16 55	17 34	4 32
F 8	16 25	20 22	3 4	11 12	1 30	27 58	4 34	18 19	0 9	3 49	1 9	3 34	2 45	10 6	0 34	10 41	0 47	5 8	17 12	17 56	17 50	16 54	17 35	4 32
S 9	16 43	20 35	2 9	11 50	1 24	27 58	4 32	18 31	0 9	3 54	1 9	3 33	2 45	10 6	0 34	10 41	0 47	5 9	17 12	17 57	17 50	16 53	17 36	4 32
S 10	17 0	19 50	1 10	12 28	1 18	27 56	4 31	18 42	0 10	3 58	1 9	3 32	2 44	10 5	0 34	10 41	0 47	5 9	17 12	17 58	17 51	16 52	17 37	4 32
M11	17 17	18 12	0 7	13 6	1 11	27 55	4 28	18 53	0 10	4 3	1 9	3 30	2 44	10 4	0 34	10 41	0 47	5 9	17 12	17 58	17 52	16 50	17 37	4 32
T 12	17 34	15 49	0s55	13 42	1 5	27 53	4 26	19 4	0 11	4 7	1 9	3 29	2 44	10 3	0 34	10 41	0 47	5 9	17 12	17 58	17 53	16 49	17 38	4 32
W13	17 50	12 46	1 55	14 19	0 58	27 50	4 23	19 15	0 12	4 12	1 9	3 28	2 44	10 2	0 34	10 41	0 47	5 9	17 11	17 58	17 54	16 48	17 39	4 32
T 14	18 6	9 9	2 51	14 55	0 52	27 47	4 20	19 26	0 12	4 16	1 9	3 27	2 44	10 2	0 34	10 41	0 47	5 10	17 11	17 59	17 55	16 47	17 40	4 32
F 15	18 22	5 7	3 40	15 30	0 45	27 44	4 16	19 37	0 13	4 20	1 9	3 26	2 43	10 1	0 34	10 41	0 47	5 10	17 11	18 0	17 56	16 46	17 41	4 32
S 16	18 37	0 47	4 20	16 4	0 38	27 40	4 12	19 47	0 13	4 25	1 9	3 25	2 43	10 0	0 34	10 41	0 47	5 10	17 11	18 2	17 56	16 45	17 42	4 32
S 17	18 52	3n42	4 47	16 38	0 31	27 35	4 8	19 57	0 14	4 29	1 10	3 24	2 43	9 59	0 34	10 41	0 47	5 10	17 11	18 4	17 57	16 44	17 43	4 32
M18	19 7	8 9	5 1	17 11	0 25	27 30	4 3	20 8	0 15	4 33	1 10	3 23	2 43	9 59	0 34	10 41	0 47	5 10	17 11	18 7	17 58	16 43	17 44	4 33
T 19	19 21	12 18	4 58	17 43	0 18	27 25	3 58	20 18	0 15	4 37	1 10	3 22	2 43	9 58	0 34	10 41	0 47	5 11	17 10	18 10	17 59	16 41	17 45	4 33
W20	19 35	15 54	4 38	18 15	0 11	27 19	3 52	20 27	0 16	4 42	1 10	3 21	2 42	9 57	0 34	10 41	0 47	5 11	17 10	18 13	18 0	16 40	17 45	4 33
T 21	19 49	18 40	4 1	18 45	0 4	27 13	3 46	20 37	0 16	4 46	1 10	3 20	2 42	9 57	0 34	10 41	0 47	5 11	17 10	18 16	18 1	16 39	17 46	4 33
F 22	20 2	20 19	3 8	19 15	0s 3	27 6	3 39	20 46	0 17	4 50	1 10	3 19	2 42	9 56	0 34	10 41	0 47	5 11	17 10	18 18	18 1	16 38	17 47	4 33
S 23	20 15	20 41	2 4	19 43	0 9	26 59	3 32	20 56	0 18	4 54	1 10	3 18	2 42	9 55	0 34	10 41	0 47	5 11	17 10	18 19	18 2	16 37	17 48	4 33
S 24	20 27	19 42	0 51	20 11	0 16	26 51	3 25	21 5	0 18	4 58	1 10	3 18	2 42	9 55	0 34	10 41	0 47	5 11	17 9	18 20	18 3	16 36	17 49	4 33
M25	20 40	17 29	0n25	20 38	0 23	26 43	3 17	21 13	0 19	5 2	1 11	3 17	2 41	9 54	0 34	10 41	0 47	5 11	17 9	18 20	18 4	16 35	17 50	4 33
T 26	20 51	14 12	1 39	21 4	0 29	26 35	3 8	21 22	0 19	5 6	1 11	3 16	2 41	9 53	0 34	10 41	0 47	5 11	17 9	18 20	18 5	16 33	17 50	4 33
W27	21 3	10 8	2 46	21 28	0 36	26 25	2 59	21 31	0 20	5 10	1 11	3 15	2 41	9 53	0 34	10 41	0 47	5 12	17 9	18 20	18 6	16 32	17 51	4 33
T 28	21 14	5 34	3 43	21 52	0 42	26 16	2 49	21 39	0 21	5 14	1 11	3 15	2 41	9 52	0 34	10 40	0 47	5 12	17 9	18 20	18 6	16 31	17 52	4 33
F 29	21 24	0 45	4 26	22 15	0 48	26 6	2 39	21 47	0 21	5 18	1 11	3 14	2 40	9 51	0 34	10 40	0 47	5 12	17 8	18 21	18 7	16 30	17 53	4 33
S 30	21s34	4s 3	4n54	22s36	0s54	25s55	2s29	21s55	0s22	5s21	1n11	3n14	2s40	9n51	0s34	10s40	0s47	5s12	17s 8	18n23	18n 8	16s29	17s53	4n33

Julian Day Number = 2397062.5, Delta T = 9.55 sec
Ecliptic obliquity = 23°27'26, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°39'26, Lahiri = 21°46'27

ASTRODIENST EPHEMERIS for the year 1850
geocentric

DECEMBER 1850 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 37 59	8♐29'27	5♏34	9♐54	1°R37	8♐ 6	16♎34	14°R24	26°R52	4♓19	28°R11	7°R27	8♌31	17♒ 6	13♐26	S 1
M 2	4 41 55	9°30'21	18°53	11°28	1♑24	8°50	16°45	14♈22	26♈50	4°19	28♈10	7♌17	8°27	17°12	13°33	M 2
T 3	4 45 52	10°31'15	1♐58	13° 2	1° 9	9°34	16°55	14°20	26°49	4°20	28° 9	7° 6	8°24	17°19	13°40	T 3
W 4	4 49 48	11°32'11	14°50	14°36	0°51	10°17	17° 5	14°19	26°47	4°21	28° 8	6°56	8°21	17°25	13°48	W 4
T 5	4 53 45	12°33'08	27°26	16°11	0°30	11° 1	17°14	14°18	26°45	4°21	28° 8	6°47	8°18	17°32	13°55	T 5
F 6	4 57 42	13°34'05	9♑47	17°45	0° 8	11°45	17°24	14°16	26°44	4°22	28° 7	6°41	8°15	17°39	14° 2	F 6
S 7	5 1 38	14°35'04	21°55	19°19	29♐43	12°29	17°34	14°15	26°43	4°23	28° 6	6°38	8°12	17°45	14° 9	S 7
S 8	5 5 35	15°36'03	3♒52	20°53	29°17	13°13	17°43	14°14	26°41	4°23	28° 5	6°D36	8° 8	17°52	14°16	S 8
M 9	5 9 31	16°37'03	15°41	22°27	28°48	13°57	17°53	14°13	26°40	4°24	28° 5	6°37	8° 5	17°59	14°24	M 9
T 10	5 13 28	17°38'03	27°28	24° 2	28°18	14°41	18° 2	14°12	26°39	4°25	28° 4	6°38	8° 2	18° 5	14°31	T 10
W11	5 17 24	18°39'04	9♓17	25°36	27°46	15°25	18°11	14°11	26°37	4°26	28° 3	6°39	7°59	18°12	14°38	W11
T 12	5 21 21	19°40'06	21°13	27°10	27°13	16° 9	18°20	14°11	26°36	4°27	28° 3	6°R40	7°56	18°19	14°45	T 12
F 13	5 25 17	20°41'08	3♈22	28°45	26°38	16°54	18°29	14°10	26°35	4°28	28° 2	6°39	7°52	18°25	14°52	F 13
S 14	5 29 14	21°42'10	15°49	0♑19	26° 3	17°38	18°38	14°10	26°34	4°29	28° 1	6°36	7°49	18°32	14°59	S 14
S 15	5 33 11	22°43'13	28°38	1°54	25°27	18°22	18°47	14° 9	26°33	4°30	28° 1	6°31	7°46	18°39	15° 6	S 15
M16	5 37 7	23°44'17	11♉51	3°28	24°51	19° 7	18°56	14° 9	26°32	4°31	28° 0	6°24	7°43	18°45	15°13	M16
T 17	5 41 4	24°45'20	25°30	5° 3	24°14	19°51	19° 4	14°D 9	26°31	4°32	28° 0	6°17	7°40	18°52	15°21	T 17
W18	5 45 0	25°46'25	9♊33	6°38	23°37	20°35	19°13	14° 9	26°30	4°33	27°59	6°10	7°37	18°59	15°28	W18
T 19	5 48 57	26°47'29	23°56	8°12	23° 1	21°20	19°21	14° 9	26°29	4°34	27°59	6° 4	7°33	19° 5	15°35	T 19
F 20	5 52 53	27°48'35	8♋34	9°47	22°26	22° 4	19°29	14° 9	26°28	4°35	27°58	6° 0	7°30	19°12	15°42	F 20
S 21	5 56 50	28°49'40	23°19	11°21	21°51	22°49	19°37	14°10	26°27	4°36	27°58	5°57	7°27	19°18	15°49	S 21
S 22	6 0 46	29°50'47	8♌ 4	12°56	21°17	23°34	19°45	14°10	26°27	4°37	27°57	5°D57	7°24	19°25	15°56	S 22
M23	6 4 43	0♑51'54	22°42	14°30	20°45	24°18	19°53	14°11	26°26	4°38	27°57	5°58	7°21	19°32	16° 3	M23
T 24	6 8 40	1°53'01	7♍ 9	16° 3	20°14	25° 3	20° 0	14°12	26°25	4°40	27°56	5°59	7°18	19°38	16°10	T 24
W25	6 12 36	2°54'09	21°22	17°36	19°45	25°48	20° 8	14°12	26°25	4°41	27°56	6° 0	7°14	19°45	16°17	W25
T 26	6 16 33	3°55'18	5♎18	19° 9	19°18	26°33	20°15	14°13	26°24	4°42	27°55	6°R 1	7°11	19°52	16°24	T 26
F 27	6 20 29	4°56'27	18°59	20°41	18°52	27°18	20°22	14°14	26°24	4°44	27°55	6° 0	7° 8	19°58	16°31	F 27
S 28	6 24 26	5°57'36	2♏24	22°12	18°29	28° 2	20°30	14°15	26°23	4°45	27°55	5°58	7° 5	20° 5	16°37	S 28
S 29	6 28 22	6°58'46	15°34	23°41	18° 9	28°47	20°36	14°17	26°23	4°46	27°54	5°54	7° 2	20°12	16°44	S 29
M30	6 32 19	7°59'57	28°30	25°10	17°50	29°32	20°43	14°18	26°22	4°48	27°54	5°50	6°58	20°18	16°51	M30
T 31	6 36 15	9♑ 1'08	11♐14	26♑36	17♐34	0♑18	20♎50	14♈19	26♈22	4♓49	27♈54	5♌45	6♌55	20♒25	16♐58	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	21s44	8s36	5n 4	22s57	1s 0	25s44	2s17	22s 3	0s22	5s25	1n11	3n13	2s40	9n50	0s34	10s40	0s47	5s12	17s 8	18n25	18n 9	16s27	17s54	4n34
M 2	21 54	12 40	4 58	23 16	1 6	25 33	2 6	22 10	0 23	5 29	1 12	3 13	2 40	9 50	0 34	10 40	0 47	5 12	17 8	18 28	18 10	16 26	17 55	4 34
T 3	22 2	16 3	4 37	23 34	1 12	25 21	1 54	22 17	0 23	5 33	1 12	3 12	2 39	9 49	0 34	10 39	0 47	5 12	17 7	18 31	18 11	16 25	17 56	4 34
W 4	22 11	18 36	4 1	23 51	1 17	25 8	1 41	22 24	0 24	5 36	1 12	3 12	2 39	9 49	0 34	10 39	0 47	5 12	17 7	18 33	18 11	16 24	17 56	4 34
T 5	22 19	20 11	3 15	24 6	1 22	24 55	1 28	22 31	0 25	5 40	1 12	3 12	2 39	9 48	0 34	10 39	0 47	5 12	17 7	18 35	18 12	16 23	17 57	4 34
F 6	22 27	20 47	2 19	24 21	1 27	24 41	1 14	22 38	0 25	5 43	1 12	3 12	2 39	9 48	0 34	10 39	0 47	5 12	17 7	18 37	18 13	16 21	17 58	4 34
S 7	22 34	20 23	1 18	24 34	1 32	24 27	1 0	22 44	0 26	5 47	1 12	3 11	2 38	9 47	0 34	10 38	0 47	5 12	17 6	18 38	18 14	16 20	17 58	4 34
S 8	22 41	19 4	0 15	24 45	1 37	24 13	0 46	22 50	0 26	5 50	1 13	3 11	2 38	9 47	0 34	10 38	0 47	5 12	17 6	18 38	18 15	16 19	17 59	4 35
M 9	22 47	16 55	0s49	24 56	1 41	23 58	0 31	22 56	0 27	5 54	1 13	3 11	2 38	9 46	0 34	10 38	0 47	5 12	17 6	18 38	18 16	16 18	18 0	4 35
T 10	22 53	14 5	1 50	25 5	1 46	23 43	0 16	23 2	0 28	5 57	1 13	3 11	2 38	9 46	0 34	10 37	0 47	5 12	17 5	18 38	18 16	16 17	18 0	4 35
W11	22 58	10 41	2 47	25 13	1 50	23 27	0 1	23 8	0 28	6 1	1 13	3 11	2 37	9 45	0 33	10 37	0 47	5 12	17 5	18 37	18 17	16 15	18 1	4 35
T 12	23 3	6 49	3 38	25 19	1 53	23 11	0n15	23 13	0 29	6 4	1 13	3 11	2 37	9 45	0 33	10 37	0 47	5 12	17 5	18 37	18 18	16 14	18 1	4 35
F 13	23 8	2 38	4 19	25 24	1 57	22 54	0 30	23 18	0 29	6 7	1 13	3 11	2 37	9 44	0 33	10 36	0 47	5 12	17 5	18 38	18 19	16 13	18 2	4 36
S 14	23 12	1n46	4 50	25 27	2 0	22 38	0 46	23 23	0 30	6 10	1 14	3 11	2 37	9 44	0 33	10 36	0 47	5 12	17 4	18 38	18 20	16 12	18 3	4 36
S 15	23 15	6 13	5 7	25 30	2 3	22 21	1 2	23 27	0 30	6 14	1 14	3 11	2 36	9 44	0 33	10 36	0 47	5 12	17 4	18 40	18 20	16 10	18 3	4 36
M16	23 19	10 30	5 8	25 30	2 5	22 4	1 17	23 32	0 31	6 17	1 14	3 11	2 36	9 43	0 33	10 35	0 47	5 11	17 4	18 41	18 21	16 9	18 4	4 36
T 17	23 21	14 25	4 53	25 29	2 8	21 47	1 33	23 36	0 32	6 20	1 14	3 12	2 36	9 43	0 33	10 35	0 47	5 11	17 3	18 43	18 22	16 8	18 4	4 36
W18	23 23	17 38	4 19	25 27	2 9	21 30	1 48	23 39	0 32	6 23	1 14	3 12	2 35	9 43	0 33	10 35	0 47	5 11	17 3	18 45	18 23	16 7	18 5	4 37
T 19	23 25	19 51	3 29	25 23	2 11	21 13	2 3	23 43	0 33	6 26	1 15	3 12	2 35	9 42	0 33	10 34	0 47	5 11	17 3	18 46	18 24	16 5	18 5	4 37
F 20	23 26	20 47	2 24	25 17	2 12	20 57	2 18	23 46	0 33	6 29	1 15	3 12	2 35	9 42	0 33	10 34	0 47	5 11	17 2	18 47	18 24	16 4	18 6	4 37
S 21	23 27	20 19	1 8	25 10	2 13	20 41	2 32	23 50	0 34	6 31	1 15	3 13	2 35	9 42	0 33	10 33	0 47	5 11	17 2	18 48	18 25	16 3	18 6	4 37
S 22	23 27	18 27	0n12	25 2	2 13	20 25	2 46	23 52	0 34	6 34	1 15	3 13	2 34	9 42	0 33	10 33	0 47	5 11	17 2	18 48	18 26	16 2	18 7	4 38
M23	23 27	15 23	1 30	24 52	2 12	20 9	2 59	23 55	0 35	6 37	1 15	3 14	2 34	9 41	0 33	10 32	0 47	5 11	17 1	18 48	18 27	16 0	18 7	4 38
T 24	23 27	11 24	2 42	24 40	2 11	19 54	3 12	23 57	0 36	6 40	1 16	3 14	2 34	9 41	0 33	10 32	0 47	5 10	17 1	18 47	18 28	15 59	18 8	4 38
W25	23 25	6 51	3 43	24 27	2 10	19 40	3 25	23 59	0 36	6 42	1 16	3 15	2 34	9 41	0 33	10 31	0 47	5 10	17 1	18 47	18 29	15 58	18 8	4 38
T 26	23 24	2 1	4 30	24 12	2 8	19 26	3 36	24 1	0 37	6 45	1 16	3 15	2 33	9 41	0 33	10 31	0 47	5 10	17 0	18 47	18 29	15 57	18 8	4 39
F 27	23 22	2s49	5 0	23 56	2 5	19 13	3 48	24 3	0 37	6 47	1 16	3 16	2 33	9 41	0 33	10 30	0 47	5 10	17 0	18 47	18 30	15 55	18 9	4 39
S 28	23 19	7 25	5 13	23 38	2 2	19 0	3 58	24 4	0 38	6 50	1 16	3 17	2 33	9 41	0 33	10 30	0 47	5 10	17 0	18 48	18 31	15 54	18 9	4 39
S 29	23 16	11 35	5 9	23 19	1 58	18 48	4 8	24 5	0 38	6 52	1 17	3 17	2 32	9 41	0 33	10 29	0 47	5 9	16 59	18 49	18 32	15 53	18 10	4 40
M30	23 13	15 8	4 49	22 59	1 54	18 38	4 17	24 6	0 39	6 55	1 17	3 18	2 32	9 40	0 33	10 29	0 47	5 9	16 59	18 50	18 33	15 51	18 10	4 40
T 31	23s 9	17s55	4n16	22s37	1s48	18s28	4n26	24s 7	0s39	6s57	1n17	3n19	2s32	9n40	0s33	10s28	0s47	5s 9	16s59	18n51	18n33	15s50	18s10	4n40

Julian Day Number = 2397092.5, Delta T = 9.58 sec
Ecliptic obliquity = 23°27'25, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°39'30, Lahiri = 21°46'31