Astrodienst Ephemeris Tables

for the year 1847

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 1847
geocentric

JANUARY 1847 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 40 6	10♑ 0'45	2♋52	17♐20	13♑50	1♐48	8°R 9	27♒25	10♈22	26♒12	23°R57	25°R 4	24♎14	7♍56	22♎46	F 1
S 2	6 44 2	11° 1'53	15°30	18°22	15° 5	2°29	8♊ 3	27°31	10°23	26°14	23♈57	24♎50	24°11	8° 3	22°50	S 2
S 3	6 47 59	12° 3'02	27°56	19°28	16°21	3°10	7°58	27°37	10°23	26°16	23°57	24°36	24° 8	8°10	22°54	S 3
M 4	6 51 56	13° 4'10	10♌10	20°36	17°36	3°51	7°52	27°43	10°24	26°17	23°57	24°23	24° 5	8°16	22°58	M 4
T 5	6 55 52	14° 5'19	22°13	21°46	18°52	4°33	7°47	27°48	10°25	26°19	23°57	24°11	24° 2	8°23	23° 2	T 5
W 6	6 59 49	15° 6'27	4♍ 8	22°58	20° 7	5°14	7°42	27°54	10°26	26°21	23°57	24° 2	23°59	8°30	23° 6	W 6
T 7	7 3 45	16° 7'35	15°58	24°12	21°23	5°55	7°37	28° 0	10°27	26°23	23°57	23°56	23°55	8°36	23°10	T 7
F 8	7 7 42	17° 8'44	27°46	25°28	22°38	6°37	7°32	28° 6	10°28	26°25	23°D57	23°52	23°52	8°43	23°13	F 8
S 9	7 11 38	18° 9'52	9♎38	26°46	23°53	7°18	7°28	28°13	10°29	26°27	23°57	23°51	23°49	8°50	23°17	S 9
S 10	7 15 35	19°11'00	21°38	28° 5	25° 9	8° 0	7°23	28°19	10°30	26°28	23°57	23°51	23°46	8°57	23°20	S 10
M11	7 19 31	20°12'09	3♏53	29°25	26°24	8°41	7°19	28°25	10°31	26°30	23°57	23°51	23°43	9° 3	23°23	M11
T 12	7 23 28	21°13'17	16°28	0♑46	27°40	9°23	7°15	28°31	10°32	26°32	23°57	23°49	23°39	9°10	23°26	T 12
W13	7 27 25	22°14'25	29°27	2° 8	28°55	10° 4	7°11	28°38	10°33	26°34	23°57	23°46	23°36	9°17	23°29	W13
T 14	7 31 21	23°15'33	12♐53	3°31	0♒10	10°46	7° 8	28°44	10°34	26°36	23°57	23°39	23°33	9°23	23°32	T 14
F 15	7 35 18	24°16'41	26°49	4°56	1°26	11°27	7° 4	28°50	10°36	26°38	23°57	23°30	23°30	9°30	23°35	F 15
S 16	7 39 14	25°17'48	11♑10	6°21	2°41	12° 9	7° 1	28°57	10°37	26°40	23°58	23°19	23°27	9°37	23°38	S 16
S 17	7 43 11	26°18'55	25°53	7°47	3°57	12°51	6°58	29° 3	10°38	26°42	23°58	23° 7	23°24	9°43	23°40	S 17
M18	7 47 7	27°20'01	10♒49	9°13	5°12	13°32	6°55	29°10	10°40	26°44	23°58	22°55	23°20	9°50	23°43	M18
T 19	7 51 4	28°21'07	25°48	10°41	6°27	14°14	6°52	29°16	10°41	26°46	23°58	22°44	23°17	9°57	23°45	T 19
W20	7 55 1	29°22'12	10♓42	12° 9	7°43	14°56	6°50	29°23	10°43	26°48	23°58	22°37	23°14	10° 3	23°47	W20
T 21	7 58 57	0♒23'15	25°22	13°37	8°58	15°37	6°48	29°30	10°44	26°50	23°59	22°32	23°11	10°10	23°49	T 21
F 22	8 2 54	1°24'18	9♈44	15° 7	10°13	16°19	6°46	29°36	10°46	26°53	23°59	22°30	23° 8	10°17	23°51	F 22
S 23	8 6 50	2°25'19	23°46	16°37	11°29	17° 1	6°44	29°43	10°48	26°55	23°59	22°D30	23° 5	10°23	23°53	S 23
S 24	8 10 47	3°26'20	7♉28	18° 8	12°44	17°43	6°42	29°50	10°50	26°57	24° 0	22°R30	23° 1	10°30	23°55	S 24
M25	8 14 43	4°27'19	20°52	19°39	13°59	18°25	6°41	29°57	10°51	26°59	24° 0	22°29	22°58	10°37	23°57	M25
T 26	8 18 40	5°28'18	3♊59	21°12	15°14	19° 6	6°39	0♓ 4	10°53	27° 1	24° 0	22°26	22°55	10°43	23°58	T 26
W27	8 22 36	6°29'15	16°52	22°44	16°30	19°48	6°38	0°10	10°55	27° 3	24° 1	22°20	22°52	10°50	24° 0	W27
T 28	8 26 33	7°30'11	29°33	24°18	17°45	20°30	6°38	0°17	10°57	27° 5	24° 1	22°11	22°49	10°57	24° 1	T 28
F 29	8 30 30	8°31'06	12♋ 4	25°52	19° 0	21°12	6°37	0°24	10°59	27° 8	24° 2	22° 0	22°45	11° 4	24° 2	F 29
S 30	8 34 26	9°31'59	24°25	27°27	20°15	21°54	6°36	0°31	11° 1	27°10	24° 2	21°47	22°42	11°10	24° 3	S 30
S 31	8 38 23	10♒32'52	6♌38	29♑ 2	21♒31	22♐36	6♊36	0♓38	11♈ 3	27♒12	24♈ 3	21♎33	22♎39	11♍17	24♎ 4	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 5	18n47	4s39	21s 0	1n52	23s32	0s48	20s20	0n13	21n 2	0s40	13s46	1s29	3n29	0s40	13s17	0s31	6s38	17s 7	9s42	9s24	5n 8	10s13	1s28
S 2	23 0	17 39	4 57	21 14	1 43	23 26	0 50	20 28	0 12	21 1	0 40	13 44	1 29	3 30	0 40	13 17	0 31	6 38	17 7	9 38	9 23	5 7	10 14	1 27
S 3	22 55	15 41	5 0	21 28	1 34	23 19	0 52	20 37	0 12	21 0	0 39	13 42	1 29	3 30	0 40	13 16	0 31	6 37	17 6	9 32	9 22	5 5	10 16	1 27
M 4	22 49	13 4	4 49	21 42	1 26	23 12	0 54	20 46	0 11	21 0	0 39	13 40	1 29	3 30	0 40	13 15	0 31	6 37	17 6	9 27	9 21	5 3	10 17	1 27
T 5	22 43	9 55	4 26	21 55	1 17	23 3	0 56	20 54	0 10	20 59	0 39	13 38	1 29	3 31	0 40	13 15	0 31	6 37	17 6	9 23	9 20	5 1	10 18	1 27
W 6	22 36	6 25	3 51	22 8	1 8	22 54	0 58	21 2	0 10	20 58	0 39	13 36	1 29	3 31	0 40	13 14	0 31	6 37	17 5	9 20	9 19	4 59	10 20	1 27
T 7	22 29	2 41	3 6	22 21	0 59	22 44	1 0	21 10	0 9	20 58	0 39	13 34	1 29	3 31	0 40	13 13	0 31	6 36	17 5	9 18	9 17	4 57	10 21	1 27
F 8	22 21	1s 9	2 13	22 32	0 51	22 34	1 1	21 18	0 8	20 57	0 38	13 32	1 29	3 32	0 40	13 13	0 31	6 36	17 4	9 16	9 16	4 55	10 22	1 26
S 9	22 13	4 58	1 15	22 43	0 42	22 23	1 3	21 25	0 8	20 57	0 38	13 29	1 29	3 32	0 40	13 12	0 31	6 36	17 4	9 16	9 15	4 53	10 23	1 26
S 10	22 5	8 37	0 12	22 53	0 33	22 11	1 5	21 33	0 7	20 56	0 38	13 27	1 29	3 33	0 40	13 12	0 31	6 35	17 4	9 16	9 14	4 51	10 24	1 26
M11	21 56	12 0	0n53	23 2	0 25	21 58	1 6	21 40	0 6	20 56	0 38	13 25	1 29	3 33	0 40	13 11	0 31	6 35	17 3	9 16	9 13	4 49	10 25	1 26
T 12	21 47	14 54	1 57	23 10	0 17	21 45	1 8	21 47	0 6	20 55	0 37	13 23	1 29	3 34	0 40	13 10	0 31	6 34	17 3	9 15	9 11	4 47	10 26	1 26
W13	21 37	17 11	2 56	23 18	0 9	21 31	1 10	21 54	0 5	20 55	0 37	13 21	1 29	3 34	0 40	13 10	0 31	6 34	17 3	9 14	9 10	4 46	10 27	1 26
T 14	21 27	18 35	3 48	23 24	0 1	21 17	1 11	22 0	0 4	20 54	0 37	13 18	1 29	3 35	0 40	13 9	0 31	6 34	17 2	9 11	9 9	4 44	10 28	1 25
F 15	21 17	18 56	4 29	23 29	0s 7	21 2	1 12	22 7	0 3	20 54	0 37	13 16	1 28	3 35	0 40	13 8	0 31	6 33	17 2	9 8	9 8	4 42	10 29	1 25
S 16	21 6	18 7	4 54	23 33	0 15	20 46	1 14	22 13	0 3	20 54	0 37	13 14	1 28	3 36	0 40	13 8	0 31	6 33	17 2	9 4	9 7	4 40	10 30	1 25
S 17	20 54	16 4	5 0	23 36	0 22	20 30	1 15	22 19	0 2	20 53	0 36	13 12	1 28	3 36	0 40	13 7	0 31	6 32	17 1	8 59	9 6	4 38	10 31	1 25
M18	20 42	12 57	4 46	23 37	0 29	20 13	1 16	22 25	0 1	20 53	0 36	13 9	1 28	3 37	0 40	13 6	0 31	6 32	17 1	8 55	9 4	4 36	10 32	1 25
T 19	20 30	8 58	4 12	23 38	0 36	19 56	1 18	22 31	0 1	20 53	0 36	13 7	1 28	3 38	0 40	13 5	0 31	6 32	17 0	8 51	9 3	4 34	10 32	1 25
W20	20 18	4 27	3 22	23 37	0 43	19 37	1 19	22 36	0s 0	20 53	0 36	13 5	1 28	3 38	0 40	13 5	0 31	6 31	17 0	8 48	9 2	4 32	10 33	1 24
T 21	20 5	0n16	2 18	23 35	0 50	19 19	1 20	22 42	0 1	20 53	0 35	13 2	1 28	3 39	0 39	13 4	0 31	6 31	17 0	8 46	9 1	4 30	10 33	1 24
F 22	19 52	4 53	1 7	23 32	0 56	19 0	1 21	22 47	0 2	20 53	0 35	13 0	1 28	3 40	0 39	13 3	0 31	6 30	16 59	8 46	9 0	4 28	10 34	1 24
S 23	19 38	9 8	0s 7	23 27	1 3	18 40	1 22	22 52	0 2	20 52	0 35	12 57	1 28	3 40	0 39	13 3	0 31	6 30	16 59	8 46	8 59	4 26	10 35	1 24
S 24	19 24	12 47	1 18	23 21	1 8	18 20	1 23	22 56	0 3	20 52	0 35	12 55	1 28	3 41	0 39	13 2	0 31	6 29	16 59	8 46	8 57	4 25	10 35	1 24
M25	19 10	15 40	2 24	23 14	1 14	17 59	1 24	23 1	0 4	20 52	0 34	12 53	1 28	3 42	0 39	13 1	0 31	6 29	16 58	8 45	8 56	4 23	10 35	1 24
T 26	18 55	17 40	3 21	23 6	1 20	17 37	1 25	23 5	0 5	20 52	0 34	12 50	1 28	3 42	0 39	13 0	0 31	6 28	16 58	8 44	8 55	4 21	10 36	1 23
W27	18 40	18 44	4 6	22 56	1 25	17 16	1 25	23 9	0 5	20 52	0 34	12 48	1 28	3 43	0 39	13 0	0 31	6 28	16 58	8 42	8 54	4 19	10 36	1 23
T 28	18 25	18 49	4 38	22 45	1 30	16 53	1 26	23 13	0 6	20 53	0 34	12 45	1 28	3 44	0 39	12 59	0 31	6 28	16 57	8 39	8 53	4 17	10 36	1 23
F 29	18 9	17 59	4 57	22 32	1 34	16 30	1 27	23 17	0 7	20 53	0 34	12 43	1 28	3 45	0 39	12 58	0 31	6 27	16 57	8 34	8 51	4 15	10 37	1 23
S 30	17 53	16 19	5 1	22 18	1 39	16 7	1 27	23 20	0 8	20 53	0 33	12 40	1 28	3 46	0 39	12 57	0 31	6 27	16 56	8 30	8 50	4 13	10 37	1 23
S 31	17s36	13n56	4s51	22s 3	1s43	15s44	1s28	23s23	0s 8	20n53	0s33	12s38	1s28	3n46	0s39	12s57	0s31	6s26	16s56	8s24	8s49	4n11	10s37	1s22

Julian Day Number = 2395662.5, Delta T = 8.40 sec
Ecliptic obliquity = 23°27'24, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°36'14, Lahiri = 21°43'14

ASTRODIENST EPHEMERIS for the year 1847
geocentric

FEBRUARY 1847 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 42 19	11♒33'43	18♌42	0♒39	22♒46	23♐18	6°D36	0♓45	11♈ 5	27♒14	24♈ 3	21°R20	22♎36	11♍24	24♎ 5	M 1
T 2	8 46 16	12°34'33	0♍39	2°16	24° 1	24° 0	6♊36	0°52	11° 7	27°16	24° 4	21♎ 8	22°33	11°30	24° 5	T 2
W 3	8 50 12	13°35'23	12°31	3°53	25°16	24°42	6°37	0°59	11° 9	27°19	24° 4	20°59	22°30	11°37	24° 6	W 3
T 4	8 54 9	14°36'11	24°19	5°32	26°31	25°24	6°37	1° 6	11°11	27°21	24° 5	20°53	22°26	11°44	24° 6	T 4
F 5	8 58 5	15°36'58	6♎ 7	7°11	27°46	26° 6	6°38	1°14	11°14	27°23	24° 6	20°49	22°23	11°50	24° 7	F 5
S 6	9 2 2	16°37'44	17°58	8°51	29° 1	26°49	6°39	1°21	11°16	27°25	24° 6	20°D48	22°20	11°57	24° 7	S 6
S 7	9 5 58	17°38'29	29°57	10°32	0♓16	27°31	6°40	1°28	11°18	27°27	24° 7	20°48	22°17	12° 4	24°R 7	S 7
M 8	9 9 55	18°39'13	12♏10	12°13	1°31	28°13	6°42	1°35	11°21	27°30	24° 8	20°49	22°14	12°10	24° 7	M 8
T 9	9 13 52	19°39'56	24°40	13°55	2°46	28°55	6°43	1°42	11°23	27°32	24° 8	20°R49	22°11	12°17	24° 7	T 9
W10	9 17 48	20°40'38	7♐34	15°39	4° 1	29°37	6°45	1°49	11°25	27°34	24° 9	20°48	22° 7	12°24	24° 6	W10
T 11	9 21 45	21°41'19	20°55	17°23	5°17	0♑20	6°47	1°57	11°28	27°37	24°10	20°44	22° 4	12°30	24° 6	T 11
F 12	9 25 41	22°41'59	4♑46	19° 8	6°31	1° 2	6°49	2° 4	11°30	27°39	24°10	20°38	22° 1	12°37	24° 5	F 12
S 13	9 29 38	23°42'38	19° 6	20°53	7°46	1°44	6°52	2°11	11°33	27°41	24°11	20°30	21°58	12°44	24° 5	S 13
S 14	9 33 34	24°43'15	3♒52	22°40	9° 1	2°27	6°54	2°18	11°35	27°43	24°12	20°21	21°55	12°50	24° 4	S 14
M15	9 37 31	25°43'51	18°57	24°27	10°16	3° 9	6°57	2°26	11°38	27°46	24°13	20°12	21°51	12°57	24° 3	M15
T 16	9 41 27	26°44'25	4♓12	26°16	11°31	3°52	7° 0	2°33	11°41	27°48	24°14	20° 5	21°48	13° 4	24° 2	T 16
W17	9 45 24	27°44'58	19°24	28° 5	12°46	4°34	7° 3	2°40	11°43	27°50	24°14	19°59	21°45	13°10	24° 1	W17
T 18	9 49 21	28°45'29	4♈25	29°55	14° 1	5°16	7° 7	2°47	11°46	27°52	24°15	19°56	21°42	13°17	24° 0	T 18
F 19	9 53 17	29°45'59	19° 7	1♓45	15°16	5°59	7°10	2°55	11°49	27°55	24°16	19°D55	21°39	13°24	23°58	F 19
S 20	9 57 14	0♓46'26	3♉25	3°37	16°31	6°41	7°14	3° 2	11°51	27°57	24°17	19°55	21°36	13°30	23°57	S 20
S 21	10 1 10	1°46'52	17°17	5°29	17°45	7°24	7°18	3° 9	11°54	27°59	24°18	19°56	21°32	13°37	23°55	S 21
M22	10 5 7	2°47'15	0♊45	7°22	19° 0	8° 6	7°22	3°17	11°57	28° 2	24°19	19°R57	21°29	13°44	23°53	M22
T 23	10 9 3	3°47'37	13°51	9°15	20°15	8°49	7°26	3°24	12° 0	28° 4	24°20	19°57	21°26	13°50	23°52	T 23
W24	10 13 0	4°47'57	26°38	11° 9	21°30	9°32	7°31	3°31	12° 3	28° 6	24°21	19°54	21°23	13°57	23°50	W24
T 25	10 16 56	5°48'15	9♋ 9	13° 3	22°44	10°14	7°35	3°39	12° 6	28° 8	24°22	19°50	21°20	14° 4	23°48	T 25
F 26	10 20 53	6°48'31	21°27	14°57	23°59	10°57	7°40	3°46	12° 9	28°11	24°23	19°43	21°16	14°10	23°46	F 26
S 27	10 24 50	7°48'45	3♌36	16°51	25°14	11°39	7°45	3°53	12°12	28°13	24°24	19°36	21°13	14°17	23°43	S 27
S 28	10 28 46	8♓48'56	15♌37	18♓44	26♓28	12♑22	7♊50	4♓ 0	12♈14	28♒15	24♈25	19♎28	21♎10	14♍24	23♎41	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s20	10n59	4s28	21s46	1s47	15s20	1s28	23s26	0s 9	20n53	0s33	12s35	1s28	3n47	0s39	12s56	0s31	6s26	16s56	8s20	8s48	4n 9	10s37	1s22
T 2	17 3	7 36	3 54	21 27	1 50	14 55	1 28	23 29	0 10	20 53	0 33	12 33	1 28	3 48	0 39	12 55	0 31	6 25	16 55	8 15	8 47	4 7	10 37	1 22
W 3	16 45	3 58	3 9	21 8	1 53	14 30	1 29	23 32	0 11	20 54	0 32	12 30	1 28	3 49	0 39	12 54	0 31	6 25	16 55	8 12	8 46	4 6	10 37	1 22
T 4	16 28	0 10	2 16	20 47	1 56	14 5	1 29	23 34	0 12	20 54	0 32	12 28	1 28	3 50	0 39	12 54	0 31	6 24	16 55	8 9	8 44	4 4	10 37	1 22
F 5	16 10	3s37	1 18	20 24	1 58	13 39	1 29	23 36	0 12	20 54	0 32	12 25	1 28	3 51	0 39	12 53	0 31	6 23	16 54	8 8	8 43	4 2	10 37	1 22
S 6	15 52	7 17	0 15	20 0	2 1	13 13	1 29	23 38	0 13	20 55	0 32	12 23	1 28	3 52	0 39	12 52	0 32	6 23	16 54	8 8	8 42	4 0	10 37	1 21
S 7	15 33	10 42	0n49	19 34	2 2	12 47	1 29	23 40	0 14	20 55	0 32	12 20	1 28	3 53	0 39	12 51	0 32	6 22	16 54	8 8	8 41	3 58	10 37	1 21
M 8	15 15	13 43	1 52	19 7	2 4	12 20	1 29	23 42	0 15	20 56	0 31	12 18	1 29	3 54	0 39	12 51	0 32	6 22	16 53	8 8	8 40	3 56	10 37	1 21
T 9	14 56	16 11	2 51	18 39	2 5	11 53	1 29	23 43	0 16	20 56	0 31	12 15	1 29	3 55	0 39	12 50	0 32	6 21	16 53	8 8	8 38	3 54	10 36	1 21
W10	14 37	17 55	3 43	18 9	2 5	11 25	1 29	23 44	0 17	20 57	0 31	12 13	1 29	3 56	0 39	12 49	0 32	6 21	16 53	8 7	8 37	3 52	10 36	1 20
T 11	14 17	18 44	4 26	17 38	2 5	10 58	1 29	23 45	0 17	20 57	0 31	12 10	1 29	3 57	0 39	12 48	0 32	6 20	16 52	8 6	8 36	3 50	10 36	1 20
F 12	13 58	18 28	4 54	17 5	2 5	10 30	1 28	23 45	0 18	20 58	0 30	12 8	1 29	3 58	0 39	12 48	0 32	6 20	16 52	8 4	8 35	3 48	10 35	1 20
S 13	13 38	17 3	5 5	16 30	2 4	10 1	1 28	23 46	0 19	20 58	0 30	12 5	1 29	3 59	0 39	12 47	0 32	6 19	16 52	8 1	8 34	3 46	10 35	1 20
S 14	13 17	14 29	4 57	15 55	2 3	9 33	1 28	23 46	0 20	20 59	0 30	12 2	1 29	4 0	0 39	12 46	0 32	6 19	16 51	7 57	8 33	3 45	10 34	1 20
M15	12 57	10 54	4 28	15 17	2 2	9 4	1 27	23 46	0 21	21 0	0 30	12 0	1 29	4 1	0 39	12 45	0 32	6 18	16 51	7 54	8 31	3 43	10 34	1 19
T 16	12 37	6 33	3 40	14 39	1 59	8 35	1 27	23 46	0 22	21 1	0 30	11 57	1 29	4 2	0 39	12 44	0 32	6 17	16 51	7 51	8 30	3 41	10 33	1 19
W17	12 16	1 48	2 37	13 59	1 57	8 6	1 26	23 45	0 23	21 1	0 29	11 55	1 29	4 3	0 39	12 44	0 32	6 17	16 51	7 49	8 29	3 39	10 33	1 19
T 18	11 55	3n 1	1 22	13 17	1 54	7 36	1 25	23 44	0 23	21 2	0 29	11 52	1 29	4 4	0 39	12 43	0 32	6 16	16 50	7 48	8 28	3 37	10 32	1 19
F 19	11 34	7 33	0 4	12 34	1 50	7 7	1 25	23 44	0 24	21 3	0 29	11 49	1 29	4 5	0 39	12 42	0 32	6 16	16 50	7 47	8 27	3 35	10 31	1 19
S 20	11 12	11 32	1s12	11 50	1 46	6 37	1 24	23 42	0 25	21 4	0 29	11 47	1 29	4 6	0 39	12 41	0 32	6 15	16 50	7 48	8 25	3 33	10 31	1 18
S 21	10 51	14 44	2 22	11 4	1 41	6 7	1 23	23 41	0 26	21 4	0 29	11 44	1 29	4 7	0 39	12 41	0 32	6 14	16 49	7 48	8 24	3 31	10 30	1 18
M22	10 29	17 1	3 22	10 17	1 35	5 37	1 22	23 39	0 27	21 5	0 28	11 42	1 29	4 8	0 39	12 40	0 32	6 14	16 49	7 48	8 23	3 29	10 29	1 18
T 23	10 7	18 20	4 10	9 29	1 29	5 6	1 21	23 38	0 28	21 6	0 28	11 39	1 29	4 9	0 38	12 39	0 32	6 13	16 49	7 48	8 22	3 27	10 28	1 18
W24	9 45	18 41	4 44	8 40	1 23	4 36	1 20	23 36	0 29	21 7	0 28	11 36	1 29	4 11	0 38	12 38	0 32	6 13	16 49	7 47	8 21	3 26	10 27	1 17
T 25	9 23	18 6	5 4	7 50	1 15	4 5	1 19	23 33	0 30	21 8	0 28	11 34	1 29	4 12	0 38	12 37	0 32	6 12	16 48	7 46	8 19	3 24	10 26	1 17
F 26	9 1	16 40	5 9	6 58	1 8	3 35	1 17	23 31	0 31	21 9	0 28	11 31	1 29	4 13	0 38	12 37	0 32	6 12	16 48	7 43	8 18	3 22	10 25	1 17
S 27	8 39	14 30	5 0	6 6	0 59	3 4	1 16	23 28	0 31	21 10	0 27	11 29	1 29	4 14	0 38	12 36	0 32	6 11	16 48	7 40	8 17	3 20	10 24	1 17
S 28	8s16	11n44	4s38	5s14	0s50	2s33	1s15	23s25	0s32	21n11	0s27	11s26	1s29	4n15	0s38	12s35	0s32	6s10	16s47	7s37	8s16	3n18	10s23	1s16

Julian Day Number = 2395693.5, Delta T = 8.42 sec
Ecliptic obliquity = 23°27'24, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°36'18, Lahiri = 21°43'18

ASTRODIENST EPHEMERIS for the year 1847
geocentric

MARCH 1847 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 32 43	9♓49'06	27♌33	20♓37	27♓43	13♉ 5	7♊56	4♓ 8	12♈17	28♒17	24♈26	19°R20	21♎ 7	14♍30	23°R39	M 1
T 2	10 36 39	10°49'15	9♍24	22°29	28°57	13°47	8° 1	4°15	12°21	28°20	24°27	19♎13	21° 4	14°37	23♎36	T 2
W 3	10 40 36	11°49'21	21°13	24°20	0♈12	14°30	8° 7	4°22	12°24	28°22	24°28	19° 8	21° 1	14°44	23°34	W 3
T 4	10 44 32	12°49'25	3♎ 3	26° 9	1°26	15°13	8°13	4°29	12°27	28°24	24°29	19° 5	20°57	14°50	23°31	T 4
F 5	10 48 29	13°49'28	14°53	27°57	2°41	15°56	8°19	4°37	12°30	28°26	24°30	19°D 4	20°54	14°57	23°28	F 5
S 6	10 52 25	14°49'29	26°49	29°41	3°55	16°38	8°25	4°44	12°33	28°29	24°31	19° 4	20°51	15° 4	23°25	S 6
S 7	10 56 22	15°49'28	8♏52	1♈23	5° 9	17°21	8°31	4°51	12°36	28°31	24°32	19° 5	20°48	15°10	23°22	S 7
M 8	11 0 19	16°49'26	21° 7	3° 1	6°24	18° 4	8°38	4°58	12°39	28°33	24°33	19° 7	20°45	15°17	23°19	M 8
T 9	11 4 15	17°49'22	3♐38	4°35	7°38	18°47	8°44	5° 6	12°42	28°35	24°34	19° 8	20°42	15°24	23°16	T 9
W10	11 8 12	18°49'16	16°29	6° 4	8°52	19°30	8°51	5°13	12°45	28°37	24°36	19°R 9	20°38	15°30	23°13	W10
T 11	11 12 8	19°49'09	29°43	7°29	10° 6	20°13	8°58	5°20	12°49	28°39	24°37	19° 9	20°35	15°37	23° 9	T 11
F 12	11 16 5	20°49'00	13♑25	8°48	11°21	20°56	9° 5	5°27	12°52	28°42	24°38	19° 7	20°32	15°44	23° 6	F 12
S 13	11 20 1	21°48'50	27°33	10° 0	12°35	21°39	9°12	5°34	12°55	28°44	24°39	19° 4	20°29	15°51	23° 2	S 13
S 14	11 23 58	22°48'37	12♒ 8	11° 7	13°49	22°22	9°20	5°41	12°58	28°46	24°40	19° 1	20°26	15°57	22°59	S 14
M15	11 27 54	23°48'23	27° 4	12° 6	15° 3	23° 5	9°27	5°48	13° 2	28°48	24°42	18°57	20°22	16° 4	22°55	M15
T 16	11 31 51	24°48'07	12♓14	12°58	16°17	23°48	9°35	5°55	13° 5	28°50	24°43	18°54	20°19	16°11	22°51	T 16
W17	11 35 47	25°47'49	27°28	13°42	17°31	24°30	9°43	6° 2	13° 8	28°52	24°44	18°52	20°16	16°17	22°48	W17
T 18	11 39 44	26°47'29	12♈37	14°19	18°45	25°14	9°51	6° 9	13°12	28°54	24°45	18°D51	20°13	16°24	22°44	T 18
F 19	11 43 41	27°47'07	27°30	14°47	19°59	25°57	9°59	6°16	13°15	28°56	24°47	18°51	20°10	16°31	22°40	F 19
S 20	11 47 37	28°46'43	12♉ 2	15° 8	21°13	26°40	10° 7	6°23	13°18	28°58	24°48	18°52	20° 7	16°37	22°36	S 20
S 21	11 51 34	29°46'17	26° 8	15°20	22°27	27°23	10°15	6°30	13°22	29° 0	24°49	18°53	20° 3	16°44	22°32	S 21
M22	11 55 30	0♈45'48	9♊47	15°R25	23°41	28° 6	10°24	6°37	13°25	29° 2	24°50	18°54	20° 0	16°51	22°28	M22
T 23	11 59 27	1°45'17	23° 0	15°22	24°55	28°49	10°32	6°44	13°28	29° 4	24°52	18°55	19°57	16°57	22°23	T 23
W24	12 3 23	2°44'44	5♋50	15°11	26° 8	29°32	10°41	6°51	13°32	29° 6	24°53	18°R55	19°54	17° 4	22°19	W24
T 25	12 7 20	3°44'08	18°20	14°53	27°22	0♒15	10°50	6°58	13°35	29° 8	24°54	18°55	19°51	17°11	22°15	T 25
F 26	12 11 16	4°43'30	0♌34	14°28	28°36	0°58	10°59	7° 4	13°39	29°10	24°56	18°53	19°48	17°17	22°11	F 26
S 27	12 15 13	5°42'50	12°37	13°57	29°49	1°41	11° 8	7°11	13°42	29°12	24°57	18°52	19°44	17°24	22° 6	S 27
S 28	12 19 10	6°42'08	24°32	13°21	1♉ 3	2°24	11°17	7°18	13°45	29°14	24°58	18°50	19°41	17°31	22° 2	S 28
M29	12 23 6	7°41'23	6♍22	12°41	2°17	3° 7	11°27	7°25	13°49	29°16	25° 0	18°48	19°38	17°37	21°57	M29
T 30	12 27 3	8°40'36	18°11	11°57	3°30	3°51	11°36	7°31	13°52	29°18	25° 1	18°47	19°35	17°44	21°53	T 30
W31	12 30 59	9♈39'47	0♎ 0	11♈10	4♉43	4♒34	11♊46	7♓38	13♈56	29♒20	25♈ 2	18♎46	19♎32	17♍51	21♎48	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	7s54	8n31	4s 4	4s20	0s40	2s 2	1s13	23s22	0s33	21n12	0s27	11s24	1s29	4n16	0s38	12s34	0s32	6s10	16s47	7s34	8s15	3n16	10s22	1s16
T 2	7 31	4 59	3 19	3 27	0 30	1 31	1 12	23 19	0 34	21 13	0 27	11 21	1 30	4 18	0 38	12 34	0 32	6 9	16 47	7 32	8 13	3 14	10 21	1 16
W 3	7 8	1 15	2 26	2 33	0 19	1 0	1 10	23 15	0 35	21 14	0 27	11 18	1 30	4 19	0 38	12 33	0 32	6 9	16 47	7 30	8 12	3 12	10 20	1 16
T 4	6 45	2s32	1 26	1 39	0 8	0 29	1 9	23 11	0 36	21 16	0 26	11 16	1 30	4 20	0 38	12 32	0 32	6 8	16 46	7 29	8 11	3 10	10 18	1 15
F 5	6 22	6 13	0 23	0 45	0n 4	0n 2	1 7	23 7	0 37	21 17	0 26	11 13	1 30	4 21	0 38	12 31	0 32	6 7	16 46	7 28	8 10	3 8	10 17	1 15
S 6	5 59	9 41	0n42	0n 8	0 16	0 33	1 5	23 3	0 38	21 18	0 26	11 11	1 30	4 22	0 38	12 31	0 32	6 7	16 46	7 28	8 9	3 6	10 16	1 15
S 7	5 36	12 47	1 46	1 0	0 29	1 4	1 4	22 58	0 39	21 19	0 26	11 8	1 30	4 24	0 38	12 30	0 32	6 6	16 46	7 29	8 8	3 5	10 14	1 15
M 8	5 12	15 22	2 47	1 51	0 42	1 36	1 2	22 54	0 40	21 20	0 26	11 5	1 30	4 25	0 38	12 29	0 32	6 5	16 46	7 29	8 6	3 3	10 13	1 14
T 9	4 49	17 17	3 40	2 40	0 55	2 7	1 0	22 49	0 41	21 21	0 25	11 3	1 30	4 26	0 38	12 28	0 32	6 5	16 45	7 30	8 5	3 1	10 11	1 14
W10	4 26	18 23	4 25	3 28	1 9	2 38	0 58	22 44	0 42	21 23	0 25	11 0	1 30	4 27	0 38	12 28	0 32	6 4	16 45	7 30	8 4	2 59	10 10	1 14
T 11	4 2	18 31	4 56	4 14	1 22	3 9	0 56	22 38	0 43	21 24	0 25	10 58	1 30	4 29	0 38	12 27	0 32	6 4	16 45	7 30	8 3	2 57	10 8	1 13
F 12	3 39	17 36	5 13	4 57	1 35	3 40	0 54	22 33	0 44	21 25	0 25	10 55	1 30	4 30	0 38	12 26	0 32	6 3	16 45	7 29	8 2	2 55	10 7	1 13
S 13	3 15	15 35	5 11	5 38	1 49	4 10	0 52	22 27	0 45	21 26	0 25	10 53	1 30	4 31	0 38	12 25	0 32	6 2	16 44	7 28	8 0	2 53	10 5	1 13
S 14	2 51	12 32	4 49	6 16	2 1	4 41	0 50	22 21	0 46	21 28	0 24	10 50	1 31	4 33	0 38	12 25	0 32	6 2	16 44	7 27	7 59	2 51	10 4	1 13
M15	2 28	8 37	4 8	6 50	2 14	5 12	0 48	22 15	0 47	21 29	0 24	10 48	1 31	4 34	0 38	12 24	0 32	6 1	16 44	7 26	7 58	2 49	10 2	1 12
T 16	2 4	4 5	3 8	7 21	2 26	5 42	0 46	22 9	0 48	21 30	0 24	10 45	1 31	4 35	0 38	12 23	0 32	6 1	16 44	7 24	7 57	2 47	10 0	1 12
W17	1 40	0n45	1 55	7 49	2 37	6 13	0 43	22 2	0 49	21 32	0 24	10 43	1 31	4 36	0 38	12 23	0 32	6 0	16 44	7 24	7 56	2 46	9 59	1 12
T 18	1 17	5 31	0 34	8 13	2 47	6 43	0 41	21 55	0 50	21 33	0 24	10 40	1 31	4 38	0 38	12 22	0 32	5 59	16 44	7 23	7 54	2 44	9 57	1 11
F 19	0 53	9 51	0s48	8 33	2 57	7 13	0 39	21 48	0 51	21 34	0 24	10 38	1 31	4 39	0 38	12 21	0 32	5 59	16 43	7 23	7 53	2 42	9 55	1 11
S 20	0 29	13 29	2 5	8 48	3 5	7 43	0 36	21 41	0 52	21 36	0 23	10 35	1 31	4 40	0 38	12 20	0 32	5 58	16 43	7 24	7 52	2 40	9 53	1 11
S 21	0 5	16 11	3 12	9 0	3 12	8 13	0 34	21 34	0 53	21 37	0 23	10 33	1 31	4 42	0 38	12 20	0 32	5 58	16 43	7 24	7 51	2 38	9 52	1 10
M22	0n18	17 53	4 6	9 7	3 18	8 43	0 32	21 26	0 54	21 39	0 23	10 30	1 31	4 43	0 38	12 19	0 32	5 57	16 43	7 25	7 50	2 36	9 50	1 10
T 23	0 42	18 32	4 45	9 10	3 22	9 12	0 29	21 19	0 55	21 40	0 23	10 28	1 32	4 44	0 38	12 18	0 32	5 57	16 43	7 25	7 48	2 34	9 48	1 10
W24	1 6	18 12	5 8	9 8	3 25	9 41	0 26	21 11	0 56	21 41	0 23	10 25	1 32	4 46	0 38	12 18	0 32	5 56	16 43	7 25	7 47	2 32	9 46	1 9
T 25	1 29	16 58	5 16	9 2	3 26	10 10	0 24	21 2	0 57	21 43	0 23	10 23	1 32	4 47	0 38	12 17	0 32	5 55	16 42	7 25	7 46	2 30	9 44	1 9
F 26	1 53	15 0	5 10	8 52	3 26	10 39	0 21	20 54	0 58	21 44	0 22	10 20	1 32	4 48	0 38	12 16	0 32	5 55	16 42	7 24	7 45	2 28	9 42	1 9
S 27	2 16	12 24	4 50	8 38	3 24	11 8	0 19	20 46	0 59	21 46	0 22	10 18	1 32	4 50	0 38	12 16	0 32	5 54	16 42	7 24	7 44	2 27	9 40	1 8
S 28	2 40	9 18	4 17	8 21	3 20	11 36	0 16	20 37	1 0	21 47	0 22	10 16	1 32	4 51	0 38	12 15	0 32	5 54	16 42	7 23	7 42	2 25	9 38	1 8
M29	3 3	5 52	3 34	7 59	3 14	12 4	0 13	20 28	1 1	21 49	0 22	10 13	1 32	4 52	0 38	12 14	0 32	5 53	16 42	7 22	7 41	2 23	9 36	1 8
T 30	3 27	2 12	2 42	7 35	3 7	12 31	0 11	20 19	1 2	21 50	0 22	10 11	1 32	4 54	0 38	12 14	0 32	5 52	16 42	7 22	7 40	2 21	9 34	1 7
W31	3n50	1s34	1s42	7n 9	2n58	12n59	0s 8	20s10	1s 3	21n51	0s22	10s 9	1s32	4n55	0s38	12s13	0s32	5s52	16s42	7s21	7s39	2n19	9s32	1s 7

Julian Day Number = 2395721.5, Delta T = 8.44 sec
Ecliptic obliquity = 23°27'25, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°36'22, Lahiri = 21°43'22

ASTRODIENST EPHEMERIS for the year 1847
geocentric

APRIL 1847 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 34 56	10♈38'55	11♎53	10°R21	5♉57	5♒17	11♊55	7♓44	13♈59	29♒22	25♈ 4	18°R45	19♎28	17♍57	21°R44	T 1
F 2	12 38 52	11°38'02	23°51	9♈32	7°10	6° 0	12° 5	7°51	14° 2	29°23	25° 5	18°D45	19°25	18° 4	21♎39	F 2
S 3	12 42 49	12°37'07	5♏56	8°43	8°24	6°43	12°15	7°57	14° 6	29°25	25° 6	18♎45	19°22	18°11	21°34	S 3
S 4	12 46 45	13°36'10	18°11	7°55	9°37	7°26	12°25	8° 4	14° 9	29°27	25° 8	18°46	19°19	18°17	21°30	S 4
M 5	12 50 42	14°35'11	0♐37	7°10	10°50	8°10	12°35	8°10	14°13	29°29	25° 9	18°46	19°16	18°24	21°25	M 5
T 6	12 54 39	15°34'10	13°17	6°27	12° 3	8°53	12°46	8°16	14°16	29°30	25°11	18°47	19°13	18°31	21°20	T 6
W 7	12 58 35	16°33'08	26°13	5°48	13°16	9°36	12°56	8°23	14°20	29°32	25°12	18°47	19° 9	18°37	21°16	W 7
T 8	13 2 32	17°32'03	9♑28	5°12	14°29	10°19	13° 6	8°29	14°23	29°34	25°13	18°47	19° 6	18°44	21°11	T 8
F 9	13 6 28	18°30'58	23° 3	4°42	15°42	11° 3	13°17	8°35	14°26	29°36	25°15	18°47	19° 3	18°51	21° 6	F 9
S 10	13 10 25	19°29'50	7♒ 0	4°16	16°55	11°46	13°27	8°41	14°30	29°37	25°16	18°47	19° 0	18°57	21° 1	S 10
S 11	13 14 21	20°28'40	21°18	3°55	18° 8	12°29	13°38	8°47	14°33	29°39	25°17	18°47	18°57	19° 4	20°57	S 11
M12	13 18 18	21°27'29	5♓55	3°39	19°21	13°12	13°49	8°53	14°37	29°40	25°19	18°47	18°53	19°10	20°52	M12
T 13	13 22 14	22°26'16	20°46	3°29	20°34	13°56	14° 0	8°59	14°40	29°42	25°20	18°48	18°50	19°17	20°47	T 13
W14	13 26 11	23°25'01	5♈44	3°D24	21°47	14°39	14°11	9° 5	14°44	29°43	25°22	18°48	18°47	19°24	20°42	W14
T 15	13 30 7	24°23'45	20°42	3°24	23° 0	15°22	14°22	9°11	14°47	29°45	25°23	18°R48	18°44	19°30	20°38	T 15
F 16	13 34 4	25°22'26	5♉32	3°29	24°12	16° 5	14°33	9°17	14°50	29°46	25°24	18°48	18°41	19°37	20°33	F 16
S 17	13 38 1	26°21'06	20° 5	3°39	25°25	16°49	14°44	9°23	14°54	29°48	25°26	18°47	18°38	19°44	20°28	S 17
S 18	13 41 57	27°19'43	4♊17	3°54	26°38	17°32	14°56	9°28	14°57	29°49	25°27	18°46	18°34	19°50	20°24	S 18
M19	13 45 54	28°18'19	18° 4	4°14	27°50	18°15	15° 7	9°34	15° 0	29°51	25°29	18°45	18°31	19°57	20°19	M19
T 20	13 49 50	29°16'52	1♋24	4°39	29° 3	18°58	15°19	9°40	15° 4	29°52	25°30	18°44	18°28	20° 4	20°14	T 20
W21	13 53 47	0♉15'23	14°20	5° 7	0♊15	19°41	15°30	9°45	15° 7	29°54	25°31	18°43	18°25	20°10	20°10	W21
T 22	13 57 43	1°13'52	26°54	5°40	1°27	20°25	15°42	9°51	15°10	29°55	25°33	18°D43	18°22	20°17	20° 5	T 22
F 23	14 1 40	2°12'18	9♌10	6°17	2°40	21° 8	15°54	9°56	15°14	29°56	25°34	18°43	18°19	20°24	20° 1	F 23
S 24	14 5 36	3°10'43	21°12	6°58	3°52	21°51	16° 5	10° 1	15°17	29°57	25°36	18°44	18°15	20°30	19°56	S 24
S 25	14 9 33	4° 9'05	3♍ 5	7°42	5° 4	22°34	16°17	10° 7	15°20	29°59	25°37	18°45	18°12	20°37	19°52	S 25
M26	14 13 30	5° 7'26	14°54	8°30	6°16	23°17	16°29	10°12	15°24	29°59	25°38	18°46	18° 9	20°44	19°47	M26
T 27	14 17 26	6° 5'44	26°42	9°21	7°28	24° 1	16°41	10°17	15°27	0♓ 1	25°40	18°47	18° 6	20°50	19°43	T 27
W28	14 21 23	7° 4'00	8♎35	10°16	8°40	24°44	16°53	10°22	15°30	0° 2	25°41	18°48	18° 3	20°57	19°38	W28
T 29	14 25 19	8° 2'15	20°33	11°13	9°52	25°27	17° 5	10°27	15°33	0° 3	25°43	18°R49	17°59	21° 4	19°34	T 29
F 30	14 29 16	9♉ 0'28	2♏41	12♈14	11♊ 4	26♒10	17♊17	10♓32	15♈37	0♓ 4	25♈44	18♎48	17♎56	21♍10	19♎30	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	4n13	5s17	0s38	6n40	2n47	13n26	0s 5	20s 0	1s 4	21n53	0s21	10s 6	1s33	4n56	0s38	12s13	0s32	5s51	16s42	7s21	7s38	2n17	9s30	1s 7	
F 2	4 36	8 49	0n28	6 10	2 35	13 53	0 2	19 51	1 6	21 54	0 21	10 4	1 33	4 58	0 38	12 12	0 32	5 51	16 42	7 21	7 36	2 15	9 28	1 6	
S 3	4 59	12 2	1 34	5 38	2 22	14 19	0n 0	19 41	1 7	21 56	0 21	10 2	1 33	4 59	0 38	12 11	0 32	5 50	16 41	7 21	7 35	2 13	9 26	1 6	
S 4	5 22	14 45	2 36	5 7	2 8	14 45	0 3	19 31	1 8	21 57	0 21	9 59	1 33	5 0	0 38	12 11	0 32	5 50	16 41	7 21	7 34	2 11	9 24	1 6	
M 5	5 45	16 50	3 32	4 35	1 53	15 11	0 6	19 21	1 9	21 59	0 21	9 57	1 33	5 2	0 38	12 10	0 32	5 49	16 41	7 22	7 33	2 9	9 22	1 5	
T 6	6 8	18 7	4 19	4 4	1 38	15 36	0 9	19 10	1 10	22 0	0 21	9 55	1 33	5 3	0 38	12 10	0 32	5 49	16 41	7 22	7 32	2 8	9 20	1 5	
W 7	6 31	18 31	4 54	3 33	1 22	16 1	0 12	19 0	1 11	22 2	0 20	9 53	1 33	5 4	0 38	12 9	0 32	5 48	16 41	7 22	7 30	2 6	9 18	1 5	
T 8	6 53	17 54	5 14	3 4	1 5	16 26	0 15	18 49	1 12	22 3	0 20	9 51	1 34	5 6	0 38	12 8	0 32	5 47	16 41	7 22	7 29	2 4	9 16	1 4	
F 9	7 16	16 16	5 17	2 37	0 49	16 50	0 17	18 39	1 13	22 5	0 20	9 48	1 34	5 7	0 38	12 8	0 32	5 47	16 41	7 22	7 28	2 2	9 14	1 4	
S 10	7 38	13 40	5 2	2 12	0 33	17 14	0 20	18 28	1 14	22 6	0 20	9 46	1 34	5 8	0 38	12 7	0 32	5 46	16 41	7 22	7 27	2 0	9 11	1 3	
S 11	8 0	10 10	4 28	1 49	0 17	17 37	0 23	18 16	1 15	22 7	0 20	9 44	1 34	5 10	0 38	12 7	0 33	5 46	16 41	7 22	7 26	1 58	9 9	1 3	
M12	8 22	5 59	3 37	1 28	0 1	18 0	0 26	18 5	1 16	22 9	0 20	9 42	1 34	5 11	0 38	12 6	0 33	5 45	16 41	7 22	7 24	1 56	9 7	1 3	
T 13	8 44	1 22	2 30	1 10	0s14	18 22	0 29	17 54	1 17	22 10	0 20	9 40	1 34	5 12	0 38	12 6	0 33	5 45	16 41	7 22	7 23	1 54	9 5	1 2	
W14	9 6	3n23	1 12	0 54	0 29	18 44	0 32	17 42	1 19	22 12	0 19	9 38	1 35	5 14	0 38	12 5	0 33	5 44	16 41	7 22	7 22	1 52	9 3	1 2	
T 15	9 28	7 56	0s11	0 41	0 44	19 6	0 35	17 30	1 20	22 13	0 19	9 36	1 35	5 15	0 38	12 5	0 33	5 44	16 41	7 22	7 21	1 50	9 1	1 2	
F 16	9 49	11 56	1 32	0 31	0 57	19 27	0 38	17 19	1 21	22 15	0 19	9 34	1 35	5 16	0 38	12 4	0 33	5 43	16 41	7 22	7 19	1 49	8 59	1 1	
S 17	10 11	15 7	2 45	0 23	1 10	19 47	0 40	17 7	1 22	22 16	0 19	9 32	1 35	5 17	0 38	12 4	0 33	5 43	16 41	7 22	7 18	1 47	8 56	1 1	
S 18	10 32	17 18	3 47	0 17	1 23	20 7	0 43	16 55	1 23	22 18	0 19	9 30	1 35	5 19	0 38	12 3	0 33	5 42	16 41	7 22	7 17	1 45	8 54	1 0	
M19	10 53	18 23	4 33	0 15	1 34	20 27	0 46	16 42	1 24	22 19	0 19	9 28	1 35	5 20	0 38	12 3	0 33	5 42	16 41	7 21	7 16	1 43	8 52	1 0	
T 20	11 14	18 24	5 3	0 14	1 45	20 45	0 49	16 30	1 25	22 20	0 19	9 26	1 36	5 21	0 38	12 2	0 33	5 41	16 41	7 21	7 15	1 41	8 50	1 0	
W21	11 34	17 27	5 16	0 17	1 55	21 4	0 52	16 17	1 26	22 22	0 18	9 24	1 36	5 23	0 38	12 2	0 33	5 41	16 41	7 20	7 13	1 39	8 48	0 59	
T 22	11 55	15 39	5 14	0 21	2 4	21 22	0 55	16 5	1 27	22 23	0 18	9 22	1 36	5 24	0 38	12 1	0 33	5 40	16 41	7 20	7 12	1 37	8 46	0 59	
F 23	12 15	13 12	4 57	0 28	2 13	21 39	0 57	15 52	1 29	22 24	0 18	9 20	1 36	5 25	0 38	12 1	0 33	5 40	16 41	7 20	7 11	1 35	8 44	0 58	
S 24	12 35	10 13	4 28	0 37	2 21	21 55	1 0	15 39	1 30	22 26	0 18	9 18	1 36	5 26	0 38	12 0	0 33	5 40	16 41	7 21	7 10	1 33	8 42	0 58	
S 25	12 55	6 51	3 47	0 48	2 28	22 11	1 3	15 26	1 31	22 27	0 18	9 16	1 36	5 28	0 38	12 0	0 33	5 39	16 41	7 21	7 9	1 32	8 40	0 58	
M26	13 14	3 14	2 57	1 1	2 34	22 27	1 6	15 13	1 32	22 29	0 18	9 14	1 37	5 29	0 38	12 0	0 33	5 39	16 41	7 21	7 7	1 30	8 37	0 57	
T 27	13 34	0s31	1 59	1 16	2 40	22 42	1 8	14 59	1 33	22 30	0 18	9 13	1 37	5 30	0 38	11 59	0 33	5 38	16 41	7 22	7 6	1 28	8 35	0 57	
W28	13 53	4 16	0 56	1 32	2 45	22 56	1 11	14 46	1 34	22 31	0 18	9 11	1 37	5 32	0 38	11 59	0 33	5 38	16 41	7 22	7 5	1 26	8 33	0 56	
T 29	14 12	7 53	0n10	1 51	2 49	23 10	1 14	14 33	1 35	22 32	0 17	9 9	1 37	5 33	0 38	11 59	0 33	5 37	16 41	7 23	7 4	1 24	8 31	0 56	
F 30	14n31	11s13	1n16	2n11	2s53	23n23	1n16	14s19	1s36	22n34	0s17	9s 7	1s37	5n34	0s38	11s58	0s33	5s37	16s41	7s22	7s 3	1n22	8s29	0s55	

Julian Day Number = 2395752.5, Delta T = 8.46 sec
Ecliptic obliquity = 23°27'25, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°36'26, Lahiri = 21°43'27

ASTRODIENST EPHEMERIS for the year 1847
geocentric

MAY 1847 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 33 12	9♉58'38	15♏ 0	13♈17	12♊16	26♒53	17♊30	10♓37	15♈40	0♓ 5	25♈45	18°R47	17♎53	21♍17	19°R25	S 1
S 2	14 37 9	10°56'48	27°31	14°23	13°28	27°36	17°42	10°42	15°43	0° 7	25°47	18♎44	17°50	21°24	19♎21	S 2
M 3	14 41 5	11°54'55	10♐15	15°32	14°39	28°19	17°54	10°47	15°46	0° 8	25°48	18°41	17°47	21°30	19°17	M 3
T 4	14 45 2	12°53'01	23°13	16°43	15°51	29° 2	18° 7	10°51	15°49	0° 9	25°49	18°37	17°44	21°37	19°13	T 4
W 5	14 48 59	13°51'06	6♑24	17°57	17° 2	29°45	18°19	10°56	15°53	0° 9	25°51	18°33	17°40	21°44	19° 9	W 5
T 6	14 52 55	14°49'09	19°50	19°13	18°14	0♓28	18°32	11° 0	15°56	0°10	25°52	18°31	17°37	21°50	19° 5	T 6
F 7	14 56 52	15°47'11	3♒30	20°32	19°25	1°11	18°45	11° 5	15°59	0°11	25°53	18°29	17°34	21°57	19° 1	F 7
S 8	15 0 48	16°45'11	17°23	21°53	20°37	1°54	18°57	11° 9	16° 2	0°12	25°55	18°D28	17°31	22° 4	18°57	S 8
S 9	15 4 45	17°43'10	1♓30	23°16	21°48	2°37	19°10	11°13	16° 5	0°13	25°56	18°29	17°28	22°10	18°54	S 9
M10	15 8 41	18°41'08	15°49	24°42	22°59	3°20	19°23	11°18	16° 8	0°14	25°57	18°30	17°24	22°17	18°50	M10
T 11	15 12 38	19°39'05	0♈17	26° 9	24°10	4° 3	19°35	11°22	16°11	0°15	25°59	18°31	17°21	22°24	18°46	T 11
W12	15 16 34	20°37'00	14°51	27°39	25°21	4°46	19°48	11°26	16°14	0°15	26° 0	18°R32	17°18	22°30	18°43	W12
T 13	15 20 31	21°34'54	29°26	29°11	26°32	5°29	20° 1	11°30	16°17	0°16	26° 1	18°32	17°15	22°37	18°39	T 13
F 14	15 24 28	22°32'46	13♉57	0♉46	27°43	6°12	20°14	11°34	16°20	0°17	26° 2	18°30	17°12	22°44	18°36	F 14
S 15	15 28 24	23°30'38	28°17	2°22	28°54	6°55	20°27	11°38	16°23	0°17	26° 4	18°26	17° 9	22°50	18°33	S 15
S 16	15 32 21	24°28'27	12♊21	4° 0	0♋ 5	7°37	20°40	11°41	16°26	0°18	26° 5	18°21	17° 5	22°57	18°30	S 16
M17	15 36 17	25°26'16	26° 5	5°41	1°15	8°20	20°53	11°45	16°28	0°18	26° 6	18°16	17° 2	23° 4	18°26	M17
T 18	15 40 14	26°24'03	9♋26	7°24	2°26	9° 3	21° 6	11°48	16°31	0°19	26° 7	18°10	16°59	23°10	18°23	T 18
W19	15 44 10	27°21'48	22°23	9° 9	3°37	9°45	21°20	11°52	16°34	0°19	26° 9	18° 4	16°56	23°17	18°20	W19
T 20	15 48 7	28°19'31	5♌ 0	10°56	4°47	10°28	21°33	11°55	16°37	0°20	26°10	18° 0	16°53	23°24	18°18	T 20
F 21	15 52 3	29°17'13	17°17	12°45	5°57	11°11	21°46	11°59	16°40	0°20	26°11	17°58	16°50	23°30	18°15	F 21
S 22	15 56 0	0♊14'54	29°20	14°36	7° 8	11°53	21°59	12° 2	16°42	0°21	26°12	17°D57	16°46	23°37	18°12	S 22
S 23	15 59 57	1°12'33	11♍14	16°29	8°18	12°36	22°12	12° 5	16°45	0°21	26°14	17°57	16°43	23°44	18°10	S 23
M24	16 3 53	2°10'10	23° 3	18°25	9°28	13°18	22°26	12° 8	16°48	0°22	26°15	17°59	16°40	23°50	18° 7	M24
T 25	16 7 50	3° 7'46	4♎53	20°22	10°38	14° 0	22°39	12°11	16°50	0°22	26°16	18° 0	16°37	23°57	18° 5	T 25
W26	16 11 46	4° 5'20	16°48	22°21	11°48	14°43	22°53	12°14	16°53	0°22	26°17	18°R 1	16°34	24° 4	18° 2	W26
T 27	16 15 43	5° 2'53	28°53	24°23	12°58	15°25	23° 6	12°17	16°55	0°22	26°18	18° 0	16°30	24°10	18° 0	T 27
F 28	16 19 39	6° 0'25	11♏10	26°26	14° 7	16° 7	23°19	12°19	16°58	0°23	26°19	17°58	16°27	24°17	17°58	F 28
S 29	16 23 36	6°57'56	23°43	28°31	15°17	16°49	23°33	12°22	17° 0	0°23	26°20	17°53	16°24	24°23	17°56	S 29
S 30	16 27 32	7°55'25	6♐32	0♊37	16°26	17°31	23°46	12°24	17° 3	0°23	26°21	17°46	16°21	24°30	17°54	S 30
M31	16 31 29	8♊52'54	19♐38	2♊45	17♋36	18♓13	24♊ 0	12♓27	17♈ 5	0♓23	26♈23	17♎38	16♎18	24♍37	17♎53	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n49	14s 7	2n20	2n33	2s56	23n35	1n19	14s 5	1s38	22n35	0s17	9s 6	1s38	5n35	0s38	11s58	0s33	5s37	16s41	7s22	7s 1	1n20	8s27	0s55
S 2	15 7	16 25	3 17	2 57	2 58	23 47	1 21	13 52	1 39	22 36	0 17	9 4	1 38	5 36	0 38	11 57	0 33	5 36	16 41	7 21	7 0	1 18	8 25	0 55
M 3	15 25	17 56	4 7	3 22	2 59	23 58	1 24	13 38	1 40	22 38	0 17	9 2	1 38	5 38	0 38	11 57	0 33	5 36	16 41	7 19	6 59	1 16	8 23	0 54
T 4	15 43	18 33	4 44	3 48	3 0	24 8	1 26	13 24	1 41	22 39	0 17	9 1	1 38	5 39	0 38	11 57	0 33	5 35	16 42	7 18	6 58	1 14	8 21	0 54
W 5	16 0	18 11	5 7	4 16	3 0	24 18	1 29	13 10	1 42	22 40	0 17	8 59	1 38	5 40	0 38	11 56	0 33	5 35	16 42	7 17	6 56	1 13	8 20	0 53
T 6	16 18	16 49	5 14	4 45	3 0	24 27	1 31	12 55	1 43	22 41	0 17	8 58	1 39	5 41	0 38	11 56	0 33	5 35	16 42	7 16	6 55	1 11	8 18	0 53
F 7	16 35	14 28	5 3	5 16	2 59	24 35	1 33	12 41	1 44	22 42	0 16	8 56	1 39	5 42	0 38	11 56	0 33	5 34	16 42	7 15	6 54	1 9	8 16	0 52
S 8	16 51	11 16	4 35	5 47	2 58	24 43	1 35	12 27	1 45	22 44	0 16	8 55	1 39	5 44	0 38	11 56	0 33	5 34	16 42	7 15	6 53	1 7	8 14	0 52
S 9	17 8	7 22	3 50	6 20	2 55	24 50	1 38	12 12	1 47	22 45	0 16	8 53	1 39	5 45	0 38	11 55	0 33	5 34	16 42	7 15	6 52	1 5	8 12	0 52
M10	17 24	2 59	2 50	6 54	2 53	24 56	1 40	11 58	1 48	22 46	0 16	8 52	1 39	5 46	0 38	11 55	0 33	5 33	16 42	7 15	6 50	1 3	8 10	0 51
T 11	17 40	1n37	1 38	7 28	2 49	25 1	1 42	11 43	1 49	22 47	0 16	8 51	1 40	5 47	0 38	11 55	0 33	5 33	16 42	7 16	6 49	1 1	8 9	0 51
W12	17 55	6 10	0 20	8 4	2 45	25 6	1 44	11 28	1 50	22 48	0 16	8 49	1 40	5 48	0 38	11 55	0 33	5 33	16 42	7 16	6 48	0 59	8 7	0 50
T 13	18 10	10 21	0s59	8 41	2 41	25 11	1 46	11 14	1 51	22 49	0 16	8 48	1 40	5 49	0 38	11 54	0 33	5 32	16 43	7 16	6 47	0 57	8 5	0 50
F 14	18 25	13 54	2 14	9 18	2 36	25 14	1 48	10 59	1 52	22 50	0 16	8 47	1 40	5 50	0 38	11 54	0 33	5 32	16 43	7 15	6 46	0 56	8 3	0 49
S 15	18 40	16 32	3 20	9 57	2 31	25 17	1 50	10 44	1 53	22 51	0 15	8 45	1 40	5 52	0 38	11 54	0 33	5 32	16 43	7 14	6 44	0 54	8 2	0 49
S 16	18 54	18 7	4 12	10 36	2 25	25 19	1 51	10 29	1 54	22 52	0 15	8 44	1 41	5 53	0 38	11 54	0 33	5 31	16 43	7 12	6 43	0 52	8 0	0 49
M17	19 8	18 36	4 48	11 15	2 18	25 20	1 53	10 14	1 56	22 53	0 15	8 43	1 41	5 54	0 38	11 54	0 34	5 31	16 43	7 10	6 42	0 50	7 59	0 48
T 18	19 22	18 1	5 7	11 55	2 11	25 21	1 55	9 59	1 57	22 54	0 15	8 42	1 41	5 55	0 38	11 53	0 34	5 31	16 43	7 8	6 41	0 48	7 57	0 48
W19	19 35	16 30	5 10	12 36	2 3	25 21	1 56	9 44	1 58	22 55	0 15	8 41	1 41	5 56	0 38	11 53	0 34	5 31	16 43	7 6	6 39	0 46	7 55	0 47
T 20	19 48	14 13	4 57	13 17	1 56	25 20	1 58	9 29	1 59	22 56	0 15	8 40	1 41	5 57	0 38	11 53	0 34	5 30	16 44	7 4	6 38	0 44	7 54	0 47
F 21	20 1	11 21	4 31	13 58	1 47	25 19	1 59	9 14	2 0	22 57	0 15	8 38	1 42	5 58	0 38	11 53	0 34	5 30	16 44	7 3	6 37	0 42	7 53	0 46
S 22	20 13	8 4	3 54	14 40	1 38	25 16	2 1	8 59	2 1	22 58	0 15	8 37	1 42	5 59	0 38	11 53	0 34	5 30	16 44	7 3	6 36	0 40	7 51	0 46
S 23	20 25	4 29	3 6	15 21	1 29	25 14	2 2	8 43	2 2	22 59	0 15	8 36	1 42	6 0	0 38	11 53	0 34	5 30	16 44	7 3	6 35	0 39	7 50	0 46
M24	20 37	0 45	2 11	16 3	1 20	25 10	2 3	8 28	2 3	23 0	0 14	8 36	1 42	6 1	0 38	11 53	0 34	5 29	16 44	7 3	6 33	0 37	7 48	0 45
T 25	20 48	3s 1	1 11	16 44	1 10	25 6	2 4	8 13	2 4	23 1	0 14	8 35	1 43	6 2	0 38	11 53	0 34	5 29	16 44	7 4	6 32	0 35	7 47	0 45
W26	20 59	6 42	0 7	17 25	1 0	25 1	2 5	7 57	2 5	23 2	0 14	8 34	1 43	6 3	0 38	11 53	0 34	5 29	16 45	7 4	6 31	0 33	7 46	0 44
T 27	21 9	10 10	0n58	18 5	0 49	24 55	2 6	7 42	2 7	23 3	0 14	8 33	1 43	6 4	0 38	11 53	0 34	5 29	16 45	7 4	6 30	0 31	7 45	0 44
F 28	21 20	13 16	2 2	18 44	0 39	24 49	2 7	7 26	2 8	23 3	0 14	8 32	1 43	6 5	0 38	11 53	0 34	5 28	16 45	7 3	6 28	0 29	7 43	0 43
S 29	21 29	15 48	3 1	19 23	0 28	24 42	2 8	7 11	2 9	23 4	0 14	8 31	1 44	6 6	0 38	11 52	0 34	5 28	16 45	7 1	6 27	0 27	7 42	0 43
S 30	21 39	17 37	3 51	20 1	0 17	24 34	2 9	6 56	2 10	23 5	0 14	8 31	1 44	6 7	0 38	11 52	0 34	5 28	16 46	6 59	6 26	0 25	7 41	0 43
M31	21n48	18s33	4n31	20n37	0s 7	24n26	2n 9	6s40	2s11	23n 6	0s14	8s30	1s44	6n 8	0s38	11s52	0s34	5s28	16s46	6s56	6s25	0n24	7s40	0s42

Julian Day Number = 2395782.5, Delta T = 8.48 sec
Ecliptic obliquity = 23°27'24, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°36'30, Lahiri = 21°43'31

ASTRODIENST EPHEMERIS for the year 1847
geocentric

JUNE 1847 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 35 26	9♊50'22	3♉ 0	4♊55	18♋45	18♓55	24♊13	12♓29	17♈ 8	0♓23	26♈24	17°R30	16♎15	24♍43	17°R51	T 1
W 2	16 39 22	10°47'48	16°35	7° 5	19°54	19°37	24°27	12°31	17°10	0°23	26°25	17♎21	16°11	24°50	17♎49	W 2
T 3	16 43 19	11°45'14	0♒21	9°16	21° 3	20°19	24°40	12°33	17°12	0°R23	26°26	17°14	16° 8	24°57	17°48	T 3
F 4	16 47 15	12°42'39	14°15	11°28	22°12	21° 1	24°54	12°35	17°15	0°23	26°27	17° 9	16° 5	25° 3	17°46	F 4
S 5	16 51 12	13°40'04	28°16	13°40	23°21	21°43	25° 8	12°37	17°17	0°23	26°28	17° 6	16° 2	25°10	17°45	S 5
S 6	16 55 8	14°37'28	12♓22	15°52	24°30	22°24	25°21	12°39	17°19	0°23	26°29	17°D 5	15°59	25°17	17°44	S 6
M 7	16 59 5	15°34'51	26°31	18° 4	25°39	23° 6	25°35	12°41	17°21	0°23	26°30	17° 5	15°56	25°23	17°43	M 7
T 8	17 3 1	16°32'14	10♈42	20°15	26°47	23°47	25°49	12°43	17°23	0°23	26°31	17°R 6	15°52	25°30	17°42	T 8
W 9	17 6 58	17°29'36	24°54	22°26	27°55	24°29	26° 2	12°44	17°25	0°23	26°32	17° 6	15°49	25°37	17°41	W 9
T 10	17 10 55	18°26'58	9♉ 4	24°35	29° 4	25°10	26°16	12°46	17°27	0°22	26°33	17° 4	15°46	25°43	17°40	T 10
F 11	17 14 51	19°24'19	23° 9	26°44	0♌12	25°52	26°30	12°47	17°29	0°22	26°34	16°59	15°43	25°50	17°40	F 11
S 12	17 18 48	20°21'40	7♊ 6	28°51	1°20	26°33	26°43	12°48	17°31	0°22	26°34	16°52	15°40	25°57	17°39	S 12
S 13	17 22 44	21°19'00	20°51	0♋56	2°28	27°14	26°57	12°49	17°33	0°22	26°35	16°43	15°36	26° 3	17°39	S 13
M14	17 26 41	22°16'20	4♋21	3° 0	3°36	27°55	27°11	12°50	17°35	0°21	26°36	16°33	15°33	26°10	17°39	M14
T 15	17 30 37	23°13'39	17°32	5° 1	4°43	28°36	27°24	12°51	17°37	0°21	26°37	16°22	15°30	26°17	17°39	T 15
W16	17 34 34	24°10'57	0♌24	7° 1	5°51	29°16	27°38	12°52	17°39	0°20	26°38	16°12	15°27	26°23	17°D38	W16
T 17	17 38 30	25° 8'15	12°57	8°59	6°58	29°57	27°52	12°53	17°41	0°20	26°39	16° 3	15°24	26°30	17°39	T 17
F 18	17 42 27	26° 5'31	25°13	10°54	8° 5	0♈38	28° 6	12°54	17°42	0°20	26°40	15°57	15°21	26°37	17°39	F 18
S 19	17 46 24	27° 2'47	7♍16	12°48	9°12	1°18	28°19	12°54	17°44	0°19	26°40	15°53	15°17	26°43	17°39	S 19
S 20	17 50 20	28° 0'03	19° 9	14°39	10°19	1°59	28°33	12°55	17°46	0°19	26°41	15°51	15°14	26°50	17°39	S 20
M21	17 54 17	28°57'17	0♎58	16°28	11°26	2°39	28°47	12°55	17°47	0°18	26°42	15°D51	15°11	26°57	17°40	M21
T 22	17 58 13	29°54'31	12°48	18°14	12°32	3°19	29° 0	12°55	17°49	0°17	26°43	15°R51	15° 8	27° 3	17°41	T 22
W23	18 2 10	0♋51'44	24°45	19°59	13°39	3°59	29°14	12°55	17°50	0°17	26°43	15°51	15° 5	27°10	17°41	W23
T 24	18 6 6	1°48'57	6♏53	21°41	14°45	4°39	29°28	12°R55	17°52	0°16	26°44	15°49	15° 2	27°16	17°42	T 24
F 25	18 10 3	2°46'10	19°18	23°21	15°51	5°19	29°42	12°55	17°53	0°15	26°45	15°45	14°58	27°23	17°43	F 25
S 26	18 13 59	3°43'22	2♐ 1	24°58	16°57	5°58	29°55	12°55	17°55	0°15	26°45	15°39	14°55	27°30	17°44	S 26
S 27	18 17 56	4°40'33	15° 6	26°34	18° 3	6°38	0♋ 9	12°55	17°56	0°14	26°46	15°30	14°52	27°36	17°45	S 27
M28	18 21 53	5°37'44	28°32	28° 6	19° 8	7°17	0°23	12°55	17°57	0°13	26°47	15°19	14°49	27°43	17°47	M28
T 29	18 25 49	6°34'55	12♑17	29°37	20°13	7°57	0°36	12°54	17°59	0°13	26°47	15° 7	14°46	27°50	17°48	T 29
W30	18 29 46	7♋32'06	26♑18	1♌ 5	21♌18	8♈36	0♋50	12♓54	18♈ 0	0♓12	26♈48	14♎56	14♎42	27♍56	17♎50	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n57	18s29	4n57	21n12	0n 4	24n17	2n10	6s25	2s12	23n 6	0s14	8s29	1s44	6n 8	0s38	11s52	0s34	5s28	16s46	6s52	6s24	0n22	7s39	0s42
W 2	22 5	17 22	5 6	21 45	0 14	24 8	2 10	6 9	2 13	23 7	0 13	8 29	1 44	6 9	0 38	11 52	0 34	5 28	16 46	6 49	6 22	0 20	7 38	0 41
T 3	22 13	15 14	4 58	22 16	0 25	23 57	2 11	5 54	2 14	23 8	0 13	8 28	1 45	6 10	0 38	11 52	0 34	5 27	16 46	6 46	6 21	0 18	7 37	0 41
F 4	22 20	12 12	4 33	22 45	0 35	23 47	2 11	5 38	2 15	23 8	0 13	8 27	1 45	6 11	0 38	11 52	0 34	5 27	16 47	6 44	6 20	0 16	7 36	0 40
S 5	22 27	8 28	3 51	23 12	0 45	23 35	2 11	5 22	2 16	23 9	0 13	8 27	1 45	6 12	0 38	11 53	0 34	5 27	16 47	6 43	6 19	0 14	7 35	0 40
S 6	22 34	4 14	2 55	23 36	0 54	23 23	2 11	5 7	2 17	23 9	0 13	8 26	1 45	6 13	0 38	11 53	0 34	5 27	16 47	6 43	6 17	0 12	7 34	0 39
M 7	22 41	0n16	1 48	23 58	1 3	23 10	2 11	4 51	2 18	23 10	0 13	8 26	1 46	6 14	0 38	11 53	0 34	5 27	16 47	6 43	6 16	0 10	7 34	0 39
T 8	22 47	4 46	0 34	24 17	1 11	22 57	2 11	4 36	2 19	23 11	0 13	8 25	1 46	6 14	0 39	11 53	0 34	5 27	16 48	6 43	6 15	0 8	7 33	0 39
W 9	22 52	9 0	0s42	24 33	1 19	22 43	2 11	4 20	2 20	23 11	0 13	8 25	1 46	6 15	0 39	11 53	0 34	5 27	16 48	6 43	6 14	0 7	7 32	0 38
T 10	22 57	12 43	1 55	24 47	1 26	22 29	2 10	4 5	2 21	23 12	0 13	8 25	1 46	6 16	0 39	11 53	0 34	5 27	16 48	6 42	6 13	0 5	7 31	0 38
F 11	23 2	15 40	3 0	24 58	1 33	22 14	2 10	3 49	2 22	23 12	0 13	8 24	1 47	6 17	0 39	11 53	0 34	5 27	16 48	6 41	6 11	0 3	7 31	0 37
S 12	23 6	17 40	3 54	25 6	1 39	21 58	2 9	3 34	2 23	23 13	0 12	8 24	1 47	6 17	0 39	11 53	0 34	5 27	16 49	6 38	6 10	0 1	7 30	0 37
S 13	23 10	18 36	4 33	25 11	1 44	21 42	2 8	3 19	2 24	23 13	0 12	8 24	1 47	6 18	0 39	11 53	0 34	5 27	16 49	6 35	6 9	0s 1	7 30	0 36
M14	23 14	18 27	4 56	25 13	1 48	21 26	2 8	3 3	2 25	23 13	0 12	8 24	1 47	6 19	0 39	11 53	0 34	5 26	16 49	6 31	6 8	0 3	7 29	0 36
T 15	23 17	17 18	5 3	25 13	1 52	21 9	2 7	2 48	2 26	23 14	0 12	8 24	1 48	6 19	0 39	11 54	0 34	5 26	16 50	6 26	6 6	0 5	7 29	0 36
W16	23 20	15 17	4 54	25 11	1 55	20 51	2 6	2 32	2 27	23 14	0 12	8 24	1 48	6 20	0 39	11 54	0 34	5 26	16 50	6 22	6 5	0 7	7 28	0 35
T 17	23 22	12 36	4 31	25 6	1 57	20 33	2 5	2 17	2 28	23 14	0 12	8 24	1 48	6 21	0 39	11 54	0 34	5 26	16 50	6 19	6 4	0 8	7 28	0 35
F 18	23 24	9 25	3 55	24 58	1 58	20 15	2 3	2 2	2 29	23 15	0 12	8 23	1 48	6 21	0 39	11 54	0 34	5 26	16 50	6 17	6 3	0 10	7 28	0 34
S 19	23 25	5 54	3 10	24 49	1 59	19 55	2 2	1 47	2 30	23 15	0 12	8 23	1 49	6 22	0 39	11 54	0 34	5 26	16 51	6 15	6 2	0 12	7 27	0 34
S 20	23 26	2 12	2 17	24 37	1 59	19 36	2 0	1 31	2 31	23 15	0 12	8 24	1 49	6 23	0 39	11 55	0 35	5 26	16 51	6 14	6 0	0 14	7 27	0 34
M21	23 27	1s35	1 18	24 23	1 58	19 16	1 59	1 16	2 32	23 15	0 12	8 24	1 49	6 23	0 39	11 55	0 35	5 26	16 51	6 14	5 59	0 16	7 27	0 33
T 22	23 27	5 19	0 16	24 8	1 56	18 56	1 57	1 1	2 33	23 16	0 11	8 24	1 49	6 24	0 39	11 55	0 35	5 26	16 52	6 14	5 58	0 18	7 27	0 33
W23	23 27	8 52	0n47	23 51	1 54	18 35	1 55	0 46	2 34	23 16	0 11	8 24	1 50	6 24	0 39	11 55	0 35	5 26	16 52	6 14	5 57	0 20	7 27	0 32
T 24	23 27	12 6	1 49	23 33	1 51	18 14	1 53	0 31	2 35	23 16	0 11	8 24	1 50	6 25	0 39	11 55	0 35	5 27	16 52	6 14	5 55	0 22	7 27	0 32
F 25	23 26	14 52	2 48	23 13	1 48	17 52	1 51	0 16	2 36	23 16	0 11	8 24	1 50	6 25	0 39	11 56	0 35	5 27	16 52	6 12	5 54	0 23	7 27	0 31
S 26	23 24	17 0	3 39	22 51	1 44	17 30	1 49	0 1	2 37	23 16	0 11	8 25	1 50	6 26	0 39	11 56	0 35	5 27	16 53	6 10	5 53	0 25	7 27	0 31
S 27	23 22	18 19	4 20	22 29	1 39	17 8	1 47	0n13	2 38	23 16	0 11	8 25	1 51	6 26	0 39	11 56	0 35	5 27	16 53	6 6	5 52	0 27	7 27	0 31
M28	23 20	18 39	4 48	22 5	1 34	16 45	1 44	0 28	2 38	23 16	0 11	8 25	1 51	6 27	0 39	11 57	0 35	5 27	16 53	6 2	5 50	0 29	7 27	0 30
T 29	23 18	17 54	5 1	21 41	1 28	16 22	1 42	0 43	2 39	23 17	0 11	8 26	1 51	6 27	0 39	11 57	0 35	5 27	16 54	5 58	5 49	0 31	7 27	0 30
W30	23n15	16s 4	4n55	21n15	1n21	15n58	1n39	0n57	2s40	23n17	0s11	8s26	1s51	6n28	0s39	11s57	0s35	5s27	16s54	5s53	5s48	0s33	7s27	0s29

Julian Day Number = 2395813.5, Delta T = 8.50 sec
Ecliptic obliquity = 23°27'23, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°36'34, Lahiri = 21°43'35

ASTRODIENST EPHEMERIS for the year 1847
geocentric

JULY 1847 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 33 42	8♋29'17	10♒29	2♌31	22♌23	9♈15	1♋ 4	12°R53	18♈ 1	0°R11	26♈48	14°R46	14♎39	28♍ 3	17♎51	T 1
F 2	18 37 39	9°26'28	24°46	3°55	23°28	9°54	1°17	12♓52	18° 2	0♓10	26°49	14♎38	14°36	28°10	17°53	F 2
S 3	18 41 35	10°23'40	9♓ 5	5°16	24°32	10°33	1°31	12°52	18° 3	0° 9	26°50	14°34	14°33	28°16	17°55	S 3
S 4	18 45 32	11°20'51	23°21	6°34	25°37	11°11	1°44	12°51	18° 4	0° 8	26°50	14°31	14°30	28°23	17°57	S 4
M 5	18 49 28	12°18'03	7♈32	7°50	26°41	11°50	1°58	12°50	18° 5	0° 7	26°50	14°31	14°27	28°30	17°59	M 5
T 6	18 53 25	13°15'15	21°36	9° 4	27°44	12°28	2°12	12°49	18° 6	0° 6	26°51	14°31	14°23	28°36	18° 1	T 6
W 7	18 57 22	14°12'27	5♉34	10°15	28°48	13° 6	2°25	12°47	18° 7	0° 5	26°51	14°30	14°20	28°43	18° 3	W 7
T 8	19 1 18	15° 9'40	19°24	11°23	29°51	13°44	2°39	12°46	18° 8	0° 4	26°52	14°27	14°17	28°50	18° 6	T 8
F 9	19 5 15	16° 6'54	3♊ 6	12°28	0♍54	14°22	2°52	12°45	18° 9	0° 3	26°52	14°22	14°14	28°56	18° 8	F 9
S 10	19 9 11	17° 4'08	16°39	13°31	1°57	14°59	3° 6	12°43	18° 9	0° 2	26°53	14°14	14°11	29° 3	18°11	S 10
S 11	19 13 8	18° 1'22	0♋ 0	14°30	3° 0	15°37	3°19	12°42	18°10	0° 1	26°53	14° 3	14° 8	29°10	18°13	S 11
M12	19 17 4	18°58'37	13° 9	15°27	4° 2	16°14	3°33	12°40	18°11	29♒59	26°53	13°51	14° 4	29°16	18°16	M12
T 13	19 21 1	19°55'52	26° 3	16°20	5° 4	16°51	3°46	12°38	18°11	29°59	26°54	13°38	14° 1	29°23	18°19	T 13
W14	19 24 58	20°53'07	8♌43	17°10	6° 6	17°28	4° 0	12°36	18°12	29°58	26°54	13°26	13°58	29°30	18°22	W14
T 15	19 28 54	21°50'22	21° 7	17°56	7° 7	18° 5	4°13	12°34	18°12	29°56	26°54	13°16	13°55	29°36	18°25	T 15
F 16	19 32 51	22°47'38	3♍17	18°39	8° 8	18°41	4°26	12°32	18°13	29°55	26°55	13° 8	13°52	29°43	18°28	F 16
S 17	19 36 47	23°44'54	15°16	19°19	9° 9	19°17	4°40	12°30	18°13	29°54	26°55	13° 2	13°48	29°49	18°32	S 17
S 18	19 40 44	24°42'10	27° 7	19°54	10°10	19°53	4°53	12°28	18°13	29°53	26°55	13° 0	13°45	29°56	18°35	S 18
M19	19 44 40	25°39'26	8♎55	20°25	11°10	20°29	5° 6	12°25	18°14	29°52	26°55	12°D59	13°42	0♎ 3	18°39	M19
T 20	19 48 37	26°36'42	20°44	20°53	12° 9	21° 5	5°19	12°23	18°14	29°50	26°55	12°R59	13°39	0° 9	18°42	T 20
W21	19 52 33	27°33'59	2♏41	21°15	13° 9	21°40	5°32	12°21	18°14	29°49	26°56	12°59	13°36	0°16	18°46	W21
T 22	19 56 30	28°31'17	14°49	21°34	14° 8	22°15	5°46	12°18	18°14	29°48	26°56	12°58	13°33	0°23	18°50	T 22
F 23	20 0 26	29°28'34	27°15	21°47	15° 7	22°50	5°59	12°15	18°14	29°46	26°56	12°55	13°29	0°29	18°54	F 23
S 24	20 4 23	0♌25'52	10♐ 3	21°56	16° 5	23°25	6°12	12°13	18°14	29°45	26°56	12°49	13°26	0°36	18°58	S 24
S 25	20 8 20	1°23'11	23°16	22°R 0	17° 3	23°59	6°25	12°10	18°R14	29°43	26°56	12°42	13°23	0°43	19° 2	S 25
M26	20 12 16	2°20'30	6♑54	21°59	18° 0	24°33	6°38	12° 7	18°14	29°42	26°56	12°32	13°20	0°49	19° 6	M26
T 27	20 16 13	3°17'49	20°56	21°53	18°57	25° 7	6°51	12° 4	18°14	29°41	26°56	12°22	13°17	0°56	19°11	T 27
W28	20 20 9	4°15'09	5♒18	21°42	19°54	25°40	7° 4	12° 1	18°14	29°39	26°R56	12°11	13°14	1° 3	19°15	W28
T 29	20 24 6	5°12'31	19°54	21°26	20°50	26°14	7°16	11°58	18°14	29°38	26°56	12° 2	13°10	1° 9	19°19	T 29
F 30	20 28 2	6° 9'52	4♓36	21° 4	21°46	26°47	7°29	11°55	18°14	29°36	26°56	11°56	13° 7	1°16	19°24	F 30
S 31	20 31 59	7♌ 7'15	19♓17	20♌38	22♍41	27♈20	7♋42	11♓51	18♈13	29♒35	26♈56	11♎51	13♎ 4	1♎23	19♎29	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n11	13s16	4n32	20n49	1n14	15n35	1n36	1n12	2s41	23n17	0s11	8s27	1s52	6n28	0s39	11s58	0s35	5s27	16s54	5s49	5s47	0s35	7s27	0s29
F 2	23 7	9 39	3 51	20 22	1 7	15 11	1 33	1 27	2 42	23 16	0 11	8 27	1 52	6 29	0 39	11 58	0 35	5 27	16 55	5 46	5 46	0 36	7 28	0 29
S 3	23 3	5 27	2 56	19 55	0 59	14 46	1 30	1 41	2 43	23 16	0 10	8 28	1 52	6 29	0 39	11 58	0 35	5 27	16 55	5 45	5 44	0 38	7 28	0 28
S 4	22 58	0 58	1 50	19 27	0 50	14 22	1 27	1 55	2 44	23 16	0 10	8 28	1 52	6 29	0 39	11 59	0 35	5 27	16 55	5 44	5 43	0 40	7 28	0 28
M 5	22 53	3n33	0 37	18 59	0 41	13 57	1 24	2 9	2 44	23 16	0 10	8 29	1 52	6 30	0 39	11 59	0 35	5 28	16 56	5 43	5 42	0 42	7 29	0 27
T 6	22 48	7 51	0s37	18 31	0 32	13 31	1 20	2 24	2 45	23 16	0 10	8 29	1 53	6 30	0 39	11 59	0 35	5 28	16 56	5 43	5 41	0 44	7 29	0 27
W 7	22 42	11 40	1 49	18 2	0 22	13 6	1 17	2 38	2 46	23 16	0 10	8 30	1 53	6 30	0 39	12 0	0 35	5 28	16 56	5 43	5 39	0 46	7 30	0 27
T 8	22 36	14 49	2 53	17 33	0 11	12 40	1 13	2 52	2 47	23 16	0 10	8 31	1 53	6 31	0 39	12 0	0 35	5 28	16 57	5 42	5 38	0 48	7 30	0 26
F 9	22 29	17 5	3 47	17 5	0 0	12 14	1 9	3 6	2 48	23 16	0 10	8 32	1 53	6 31	0 39	12 0	0 35	5 28	16 57	5 40	5 37	0 50	7 31	0 26
S 10	22 22	18 21	4 27	16 36	0s11	11 48	1 5	3 19	2 48	23 15	0 10	8 32	1 54	6 31	0 39	12 1	0 35	5 28	16 57	5 37	5 36	0 51	7 32	0 26
S 11	22 15	18 36	4 52	16 8	0 23	11 22	1 1	3 33	2 49	23 15	0 10	8 33	1 54	6 31	0 39	12 1	0 35	5 29	16 58	5 33	5 34	0 53	7 32	0 25
M12	22 7	17 49	5 1	15 40	0 34	10 55	0 57	3 47	2 50	23 15	0 10	8 34	1 54	6 32	0 39	12 2	0 35	5 29	16 58	5 28	5 33	0 55	7 33	0 25
T 13	21 59	16 9	4 54	15 13	0 47	10 29	0 53	4 0	2 51	23 15	0 10	8 35	1 54	6 32	0 39	12 2	0 35	5 29	16 58	5 23	5 32	0 57	7 34	0 24
W14	21 50	13 43	4 32	14 46	0 59	10 2	0 48	4 13	2 51	23 14	0 9	8 36	1 55	6 32	0 39	12 3	0 35	5 29	16 59	5 18	5 31	0 59	7 35	0 24
T 15	21 41	10 42	3 58	14 19	1 12	9 35	0 44	4 27	2 52	23 14	0 9	8 37	1 55	6 32	0 39	12 3	0 35	5 29	16 59	5 14	5 30	1 1	7 35	0 24
F 16	21 32	7 18	3 14	13 54	1 25	9 8	0 39	4 40	2 53	23 14	0 9	8 38	1 55	6 32	0 40	12 3	0 35	5 30	16 59	5 11	5 28	1 3	7 36	0 23
S 17	21 22	3 38	2 21	13 29	1 38	8 40	0 34	4 53	2 53	23 13	0 9	8 39	1 55	6 32	0 40	12 4	0 35	5 30	17 0	5 9	5 27	1 4	7 37	0 23
S 18	21 12	0s 8	1 23	13 5	1 52	8 13	0 29	5 6	2 54	23 13	0 9	8 40	1 55	6 32	0 40	12 4	0 35	5 30	17 0	5 8	5 26	1 6	7 38	0 22
M19	21 2	3 52	0 22	12 42	2 5	7 45	0 24	5 19	2 55	23 13	0 9	8 41	1 56	6 33	0 40	12 5	0 35	5 30	17 0	5 8	5 25	1 8	7 39	0 22
T 20	20 51	7 28	0n41	12 21	2 19	7 18	0 19	5 31	2 55	23 12	0 9	8 42	1 56	6 33	0 40	12 5	0 35	5 31	17 1	5 8	5 23	1 10	7 40	0 22
W21	20 40	10 48	1 43	12 1	2 33	6 50	0 13	5 44	2 56	23 12	0 9	8 43	1 56	6 33	0 40	12 6	0 35	5 31	17 1	5 8	5 22	1 12	7 41	0 21
T 22	20 28	13 44	2 41	11 42	2 46	6 22	0 8	5 56	2 56	23 11	0 9	8 44	1 56	6 33	0 40	12 6	0 35	5 31	17 1	5 7	5 21	1 14	7 42	0 21
F 23	20 17	16 7	3 33	11 25	3 0	5 54	0 2	6 9	2 57	23 11	0 9	8 46	1 57	6 33	0 40	12 7	0 35	5 31	17 2	5 6	5 20	1 16	7 44	0 21
S 24	20 4	17 46	4 15	11 10	3 13	5 26	0s 3	6 21	2 58	23 10	0 9	8 47	1 57	6 33	0 40	12 7	0 35	5 32	17 2	5 4	5 18	1 17	7 45	0 20
S 25	19 52	18 32	4 46	10 56	3 26	4 59	0 9	6 33	2 58	23 10	0 8	8 48	1 57	6 33	0 40	12 8	0 35	5 32	17 2	5 1	5 17	1 19	7 46	0 20
M26	19 39	18 16	5 1	10 45	3 38	4 31	0 15	6 45	2 59	23 9	0 8	8 50	1 57	6 33	0 40	12 8	0 35	5 32	17 3	4 57	5 16	1 21	7 47	0 20
T 27	19 26	16 53	4 59	10 35	3 50	4 3	0 22	6 57	2 59	23 9	0 8	8 51	1 57	6 33	0 40	12 9	0 35	5 33	17 3	4 53	5 15	1 23	7 48	0 19
W28	19 13	14 27	4 39	10 28	4 2	3 35	0 28	7 8	3 0	23 8	0 8	8 52	1 58	6 32	0 40	12 9	0 35	5 33	17 3	4 49	5 13	1 25	7 50	0 19
T 29	18 59	11 4	4 0	10 23	4 12	3 7	0 34	7 20	3 0	23 7	0 8	8 54	1 58	6 32	0 40	12 10	0 35	5 33	17 4	4 46	5 12	1 27	7 51	0 18
F 30	18 45	6 58	3 5	10 20	4 22	2 39	0 41	7 31	3 1	23 7	0 8	8 55	1 58	6 32	0 40	12 10	0 35	5 34	17 4	4 43	5 11	1 29	7 53	0 18
S 31	18n30	2s27	1n57	10n20	4s31	2n11	0s47	7n43	3s 1	23n 6	0s 8	8s56	1s58	6n32	0s40	12s11	0s35	5s34	17s 4	4s41	5s10	1s30	7s54	0s18

Julian Day Number = 2395843.5, Delta T = 8.52 sec
Ecliptic obliquity = 23°27'23, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°36'39, Lahiri = 21°43'39

ASTRODIENST EPHEMERIS for the year 1847
geocentric

AUGUST 1847 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 35 56	8♌ 4'39	3♈52	20°R 8	23♍35	27♈52	7♋55	11°R48	18°R13	29°R33	26°R56	11°R50	13♎ 1	1♎29	19♎33	S 1
M 2	20 39 52	9° 2'04	18°15	19♌33	24°29	28°24	8° 7	11♓45	18♈13	29♒32	26♈56	11°D49	12°58	1°36	19°38	M 2
T 3	20 43 49	9°59'30	2♉24	18°54	25°23	28°56	8°20	11°41	18°12	29°30	26°56	11♎50	12°54	1°42	19°43	T 3
W 4	20 47 45	10°56'58	16°19	18°12	26°16	29°28	8°32	11°38	18°12	29°29	26°56	11°R50	12°51	1°49	19°48	W 4
T 5	20 51 42	11°54'27	29°59	17°27	27° 8	29°59	8°45	11°34	18°11	29°27	26°55	11°49	12°48	1°56	19°53	T 5
F 6	20 55 38	12°51'57	13♊26	16°41	28° 0	0♉30	8°57	11°30	18°11	29°26	26°55	11°45	12°45	2° 2	19°59	F 6
S 7	20 59 35	13°49'29	26°39	15°53	28°51	1° 0	9°10	11°27	18°10	29°24	26°55	11°39	12°42	2° 9	20° 4	S 7
S 8	21 3 31	14°47'02	9♋39	15° 5	29°42	1°31	9°22	11°23	18° 9	29°23	26°55	11°31	12°39	2°16	20° 9	S 8
M 9	21 7 28	15°44'36	22°27	14°18	0♎31	2° 1	9°34	11°19	18° 9	29°21	26°55	11°21	12°35	2°22	20°15	M 9
T 10	21 11 25	16°42'12	5♌ 3	13°32	1°21	2°30	9°46	11°15	18° 8	29°19	26°54	11°12	12°32	2°29	20°20	T 10
W11	21 15 21	17°39'48	17°26	12°49	2° 9	2°59	9°59	11°11	18° 7	29°18	26°54	11° 2	12°29	2°36	20°26	W11
T 12	21 19 18	18°37'26	29°38	12° 9	2°57	3°28	10°11	11° 7	18° 6	29°16	26°54	10°54	12°26	2°42	20°31	T 12
F 13	21 23 14	19°35'05	11♍40	11°33	3°44	3°56	10°23	11° 3	18° 5	29°15	26°53	10°48	12°23	2°49	20°37	F 13
S 14	21 27 11	20°32'45	23°34	11° 2	4°30	4°24	10°35	10°59	18° 4	29°13	26°53	10°44	12°19	2°56	20°43	S 14
S 15	21 31 7	21°30'26	5♎22	10°37	5°15	4°51	10°47	10°55	18° 3	29°11	26°53	10°D42	12°16	3° 2	20°49	S 15
M16	21 35 4	22°28'08	17° 8	10°18	5°59	5°19	10°58	10°51	18° 2	29°10	26°52	10°42	12°13	3° 9	20°55	M16
T 17	21 39 0	23°25'51	28°57	10° 5	6°43	5°45	11°10	10°46	18° 1	29° 8	26°52	10°44	12°10	3°16	21° 1	T 17
W18	21 42 57	24°23'36	10♏52	10°D 0	7°25	6°11	11°22	10°42	18° 0	29° 7	26°51	10°45	12° 7	3°22	21° 7	W18
T 19	21 46 53	25°21'21	22°59	10° 2	8° 7	6°37	11°33	10°38	17°59	29° 5	26°51	10°R46	12° 4	3°29	21°13	T 19
F 20	21 50 50	26°19'08	5♐24	10°11	8°47	7° 2	11°45	10°33	17°58	29° 3	26°51	10°45	12° 0	3°35	21°20	F 20
S 21	21 54 47	27°16'56	18°10	10°29	9°27	7°27	11°56	10°29	17°56	29° 2	26°50	10°43	11°57	3°42	21°26	S 21
S 22	21 58 43	28°14'45	1♑22	10°54	10° 5	7°52	12° 8	10°25	17°55	29° 0	26°50	10°39	11°54	3°49	21°32	S 22
M23	22 2 40	29°12'35	15° 1	11°26	10°42	8°16	12°19	10°20	17°54	28°58	26°49	10°34	11°51	3°55	21°39	M23
T 24	22 6 36	0♏10'27	29° 9	12° 7	11°18	8°39	12°30	10°16	17°52	28°57	26°48	10°28	11°48	4° 2	21°45	T 24
W25	22 10 33	1° 8'20	13♒40	12°55	11°52	9° 2	12°41	10°11	17°51	28°55	26°48	10°22	11°45	4° 9	21°52	W25
T 26	22 14 29	2° 6'14	28°30	13°50	12°26	9°24	12°52	10° 7	17°50	28°53	26°47	10°17	11°41	4°15	21°59	T 26
F 27	22 18 26	3° 4'10	13♓31	14°52	12°58	9°46	13° 3	10° 2	17°48	28°52	26°47	10°13	11°38	4°22	22° 6	F 27
S 28	22 22 22	4° 2'07	28°34	16° 0	13°28	10° 7	13°14	9°58	17°47	28°50	26°46	10°11	11°35	4°29	22°12	S 28
S 29	22 26 19	5° 0'06	13♈30	17°15	13°57	10°28	13°25	9°53	17°45	28°48	26°46	10°D10	11°32	4°35	22°19	S 29
M30	22 30 16	5°58'07	28°12	18°36	14°25	10°48	13°35	9°49	17°43	28°47	26°45	10°11	11°29	4°42	22°26	M30
T 31	22 34 12	6♏56'10	12♉35	20♌ 2	14♎51	11♉ 8	13♋46	9♓44	17♈42	28♒45	26♈44	10♎13	11♎25	4♎49	22♎33	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	18n16	2n11	0n42	10n23	4s38	1n43	0s54	7n54	3s 2	23n 5	0s 8	8s58	1s58	6n32	0s40	12s11	0s36	5s34	17s 5	4s41	5s 9	1s32	7s55	0s17
M 2	18 1	6 38	0s34	10 28	4 45	1 15	1 1	8 5	3 2	23 5	0 8	8 59	1 58	6 32	0 40	12 12	0 36	5 35	17 5	4 41	5 7	1 34	7 57	0 17
T 3	17 45	10 38	1 48	10 35	4 49	0 48	1 8	8 15	3 3	23 4	0 8	9 1	1 59	6 32	0 40	12 13	0 36	5 35	17 5	4 41	5 6	1 36	7 59	0 17
W 4	17 30	13 57	2 54	10 45	4 52	0 20	1 15	8 26	3 3	23 3	0 8	9 2	1 59	6 31	0 40	12 13	0 36	5 35	17 6	4 41	5 5	1 38	8 0	0 16
T 5	17 14	16 27	3 48	10 57	4 54	0s 8	1 23	8 37	3 3	23 3	0 7	9 4	1 59	6 31	0 40	12 14	0 36	5 36	17 6	4 40	5 4	1 40	8 2	0 16
F 6	16 58	17 58	4 29	11 11	4 53	0 35	1 30	8 47	3 4	23 2	0 7	9 5	1 59	6 31	0 40	12 14	0 36	5 36	17 6	4 39	5 2	1 41	8 3	0 16
S 7	16 41	18 30	4 55	11 27	4 51	1 2	1 38	8 57	3 4	23 1	0 7	9 7	1 59	6 31	0 40	12 15	0 36	5 37	17 7	4 37	5 1	1 43	8 5	0 15
S 8	16 25	18 2	5 5	11 44	4 47	1 29	1 45	9 7	3 4	23 0	0 7	9 9	1 59	6 30	0 40	12 15	0 36	5 37	17 7	4 33	5 0	1 45	8 7	0 15
M 9	16 8	16 39	5 0	12 4	4 41	1 56	1 53	9 17	3 5	23 0	0 7	9 10	2 0	6 30	0 40	12 16	0 36	5 37	17 7	4 30	4 59	1 47	8 8	0 15
T 10	15 50	14 30	4 40	12 24	4 34	2 23	2 1	9 27	3 5	22 59	0 7	9 12	2 0	6 30	0 40	12 16	0 36	5 38	17 8	4 26	4 57	1 49	8 10	0 14
W11	15 33	11 42	4 7	12 45	4 24	2 50	2 9	9 37	3 5	22 58	0 7	9 13	2 0	6 29	0 40	12 17	0 36	5 38	17 8	4 22	4 56	1 51	8 12	0 14
T 12	15 15	8 27	3 23	13 6	4 13	3 16	2 17	9 46	3 6	22 57	0 7	9 15	2 0	6 29	0 40	12 18	0 36	5 39	17 8	4 19	4 55	1 53	8 14	0 14
F 13	14 57	4 53	2 30	13 28	4 1	3 43	2 26	9 55	3 6	22 56	0 7	9 17	2 0	6 29	0 40	12 18	0 36	5 39	17 9	4 17	4 54	1 54	8 16	0 13
S 14	14 39	1 10	1 31	13 50	3 47	4 9	2 34	10 5	3 6	22 55	0 7	9 19	2 0	6 28	0 40	12 19	0 36	5 39	17 9	4 15	4 52	1 56	8 18	0 13
S 15	14 21	2s34	0 29	14 11	3 32	4 34	2 42	10 14	3 6	22 55	0 7	9 20	2 1	6 28	0 40	12 19	0 36	5 40	17 9	4 14	4 51	1 58	8 20	0 13
M16	14 2	6 12	0n35	14 31	3 16	5 0	2 51	10 22	3 6	22 54	0 6	9 22	2 1	6 28	0 40	12 20	0 36	5 40	17 10	4 14	4 50	2 0	8 21	0 12
T 17	13 43	9 35	1 37	14 51	3 0	5 25	3 0	10 31	3 6	22 53	0 6	9 24	2 1	6 27	0 40	12 20	0 36	5 41	17 10	4 15	4 49	2 2	8 23	0 12
W18	13 24	12 37	2 36	15 9	2 42	5 50	3 9	10 39	3 7	22 52	0 6	9 25	2 1	6 27	0 40	12 21	0 36	5 41	17 10	4 15	4 47	2 4	8 25	0 12
T 19	13 5	15 10	3 29	15 25	2 25	6 15	3 18	10 48	3 7	22 51	0 6	9 27	2 1	6 26	0 40	12 22	0 36	5 41	17 11	4 16	4 46	2 5	8 27	0 11
F 20	12 45	17 3	4 14	15 40	2 7	6 39	3 27	10 56	3 7	22 50	0 6	9 29	2 1	6 26	0 40	12 22	0 36	5 42	17 11	4 16	4 45	2 7	8 30	0 11
S 21	12 25	18 10	4 47	15 52	1 49	7 3	3 36	11 4	3 7	22 49	0 6	9 31	2 1	6 25	0 40	12 23	0 36	5 42	17 11	4 15	4 44	2 9	8 32	0 11
S 22	12 6	18 21	5 6	16 3	1 31	7 26	3 45	11 12	3 7	22 48	0 6	9 33	2 1	6 25	0 40	12 23	0 36	5 43	17 12	4 13	4 43	2 11	8 34	0 10
M23	11 45	17 29	5 9	16 11	1 14	7 50	3 54	11 19	3 7	22 47	0 6	9 34	2 2	6 24	0 41	12 24	0 36	5 43	17 12	4 11	4 41	2 13	8 36	0 10
T 24	11 25	15 33	4 54	16 16	0 57	8 12	4 4	11 27	3 7	22 46	0 6	9 36	2 2	6 24	0 41	12 25	0 36	5 44	17 12	4 9	4 40	2 15	8 38	0 10
W25	11 5	12 35	4 20	16 18	0 40	8 35	4 13	11 34	3 7	22 45	0 6	9 38	2 2	6 23	0 41	12 25	0 36	5 44	17 12	4 7	4 39	2 16	8 40	0 9
T 26	10 44	8 45	3 28	16 18	0 24	8 57	4 23	11 41	3 7	22 44	0 6	9 40	2 2	6 22	0 41	12 26	0 36	5 45	17 13	4 4	4 38	2 18	8 42	0 9
F 27	10 23	4 19	2 20	16 15	0 9	9 18	4 32	11 48	3 6	22 44	0 5	9 41	2 2	6 22	0 41	12 26	0 36	5 45	17 13	4 3	4 36	2 20	8 45	0 9
S 28	10 2	0n24	1 3	16 9	0n 6	9 39	4 42	11 55	3 6	22 43	0 5	9 43	2 2	6 21	0 41	12 27	0 36	5 46	17 13	4 2	4 35	2 22	8 47	0 8
S 29	9 41	5 3	0s18	15 59	0 19	9 59	4 52	12 2	3 6	22 42	0 5	9 45	2 2	6 21	0 41	12 27	0 36	5 46	17 14	4 2	4 34	2 24	8 49	0 8
M30	9 20	9 20	1 37	15 46	0 32	10 19	5 1	12 8	3 6	22 41	0 5	9 47	2 2	6 20	0 41	12 28	0 36	5 47	17 14	4 2	4 33	2 26	8 51	0 8
T 31	8n58	12n57	2s48	15n31	0n44	10s38	5s11	12n14	3s 6	22n40	0s 5	9s49	2s 2	6n19	0s41	12s29	0s36	5s47	17s14	4s 3	4s31	2s27	8s54	0s 7

Julian Day Number = 2395874.5, Delta T = 8.55 sec
Ecliptic obliquity = 23°27'24, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°36'43, Lahiri = 21°43'43

ASTRODIENST EPHEMERIS for the year 1847
geocentric

SEPTEMBER 1847 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 38 9	7♍54'15	26♉38	21♌33	15♎15	11♉27	13♋57	9°R39	17°R40	28°R44	26°R44	10♎14	11♎22	4♎55	22♎40	W 1
T 2	22 42 5	8°52'22	10♊19	23° 8	15°38	11°45	14° 7	9♓35	17♈38	28♒42	26♈43	10°R14	11°19	5° 2	22°47	T 2
F 3	22 46 2	9°50'31	23°40	24°48	15°59	12° 3	14°17	9°30	17°37	28°40	26°42	10°14	11°16	5° 9	22°54	F 3
S 4	22 49 58	10°48'42	6♋42	26°30	16°18	12°20	14°27	9°26	17°35	28°39	26°41	10°11	11°13	5°15	23° 2	S 4
S 5	22 53 55	11°46'55	19°28	28°16	16°36	12°37	14°38	9°21	17°33	28°37	26°41	10° 8	11°10	5°22	23° 9	S 5
M 6	22 57 51	12°45'09	1♌59	0♍ 4	16°51	12°52	14°48	9°17	17°31	28°36	26°40	10° 4	11° 6	5°28	23°16	M 6
T 7	23 1 48	13°43'26	14°19	1°54	17° 5	13° 7	14°57	9°12	17°29	28°34	26°39	9°59	11° 3	5°35	23°24	T 7
W 8	23 5 45	14°41'45	26°28	3°45	17°16	13°22	15° 7	9° 7	17°27	28°32	26°38	9°55	11° 0	5°42	23°31	W 8
T 9	23 9 41	15°40'05	8♍28	5°38	17°25	13°35	15°17	9° 3	17°26	28°31	26°38	9°52	10°57	5°48	23°39	T 9
F 10	23 13 38	16°38'28	20°22	7°31	17°33	13°48	15°26	8°58	17°24	28°29	26°37	9°49	10°54	5°55	23°46	F 10
S 11	23 17 34	17°36'52	2♎11	9°25	17°38	14° 1	15°36	8°54	17°22	28°28	26°36	9°48	10°51	6° 2	23°54	S 11
S 12	23 21 31	18°35'17	13°57	11°19	17°40	14°12	15°45	8°49	17°20	28°26	26°35	9°D48	10°47	6° 8	24° 1	S 12
M13	23 25 27	19°33'45	25°44	13°13	17°R41	14°23	15°55	8°45	17°17	28°25	26°34	9°48	10°44	6°15	24° 9	M13
T 14	23 29 24	20°32'14	7♏34	15° 7	17°39	14°33	16° 4	8°40	17°15	28°23	26°33	9°50	10°41	6°22	24°17	T 14
W15	23 33 20	21°30'46	19°31	17° 0	17°35	14°42	16°13	8°36	17°13	28°22	26°32	9°51	10°38	6°28	24°25	W15
T 16	23 37 17	22°29'18	1♐39	18°53	17°28	14°50	16°22	8°32	17°11	28°20	26°31	9°53	10°35	6°35	24°32	T 16
F 17	23 41 13	23°27'53	14° 2	20°45	17°19	14°58	16°30	8°27	17° 9	28°19	26°31	9°54	10°31	6°42	24°40	F 17
S 18	23 45 10	24°26'29	26°45	22°37	17° 8	15° 5	16°39	8°23	17° 7	28°17	26°30	9°R54	10°28	6°48	24°48	S 18
S 19	23 49 7	25°25'07	9♑51	24°28	16°54	15°11	16°47	8°19	17° 5	28°16	26°29	9°53	10°25	6°55	24°56	S 19
M20	23 53 3	26°23'46	23°23	26°18	16°38	15°16	16°56	8°14	17° 2	28°15	26°28	9°52	10°22	7° 1	25° 4	M20
T 21	23 57 0	27°22'28	7♒24	28° 7	16°19	15°20	17° 4	8°10	17° 0	28°13	26°27	9°51	10°19	7° 8	25°12	T 21
W22	0 0 56	28°21'11	21°50	29°55	15°59	15°23	17°12	8° 6	16°58	28°12	26°26	9°49	10°16	7°15	25°20	W22
T 23	0 4 53	29°19'55	6♓40	1♎42	15°36	15°26	17°20	8° 2	16°56	28°10	26°25	9°48	10°12	7°21	25°28	T 23
F 24	0 8 49	0♎18'41	21°46	3°28	15°10	15°28	17°28	7°58	16°53	28° 9	26°24	9°47	10° 9	7°28	25°36	F 24
S 25	0 12 46	1°17'30	6♈58	5°14	14°43	15°R29	17°36	7°54	16°51	28° 8	26°23	9°D47	10° 6	7°35	25°44	S 25
S 26	0 16 42	2°16'20	22° 9	6°58	14°14	15°28	17°43	7°50	16°49	28° 7	26°22	9°47	10° 3	7°41	25°53	S 26
M27	0 20 39	3°15'13	7♉ 8	8°42	13°44	15°28	17°51	7°46	16°46	28° 5	26°21	9°48	10° 0	7°48	26° 1	M27
T 28	0 24 36	4°14'08	21°48	10°24	13°12	15°26	17°58	7°42	16°44	28° 4	26°20	9°48	9°56	7°55	26° 9	T 28
W29	0 28 32	5°13'05	6♊ 5	12° 6	12°38	15°23	18° 5	7°38	16°42	28° 3	26°19	9°49	9°53	8° 1	26°17	W29
T 30	0 32 29	6♎12'04	19♊55	13♎47	12♎ 4	15♉19	18♋12	7♓35	16♈39	28♒ 2	26♈18	9♎49	9♎50	8♎ 8	26♎26	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	8n37	15n44	3s47	15n12	0n55	10s56	5s21	12n20	3s 5	22n39	0s 5	9s50	2s 2	6n19	0s41	12s29	0s36	5s47	17s14	4s 3	4s30	2s29	8s56	0s 7	W 1
T 2	8 15	17 32	4 32	14 50	1 5	11 14	5 31	12 26	3 5	22 38	0 5	9 52	2 2	6 18	0 41	12 30	0 36	5 48	17 15	4 3	4 29	2 31	8 58	0 7	T 2
F 3	7 53	18 18	5 1	14 25	1 13	11 31	5 40	12 32	3 5	22 37	0 5	9 54	2 2	6 17	0 41	12 30	0 36	5 48	17 15	4 3	4 28	2 33	9 1	0 6	F 3
S 4	7 31	18 5	5 13	13 58	1 21	11 48	5 50	12 37	3 4	22 36	0 5	9 56	2 2	6 17	0 41	12 31	0 36	5 49	17 15	4 2	4 26	2 35	9 3	0 6	S 4
S 5	7 9	16 56	5 9	13 28	1 28	12 3	6 0	12 43	3 4	22 35	0 5	9 58	2 3	6 16	0 41	12 31	0 36	5 49	17 15	4 1	4 25	2 37	9 5	0 6	S 5
M 6	6 47	15 0	4 51	12 55	1 34	12 18	6 9	12 48	3 3	22 34	0 5	9 59	2 3	6 15	0 41	12 32	0 36	5 50	17 16	3 59	4 24	2 38	9 8	0 5	M 6
T 7	6 24	12 24	4 19	12 20	1 38	12 32	6 19	12 53	3 3	22 33	0 4	10 1	2 3	6 15	0 41	12 33	0 36	5 50	17 16	3 58	4 23	2 40	9 10	0 5	T 7
W 8	6 2	9 19	3 36	11 43	1 42	12 45	6 28	12 58	3 2	22 32	0 4	10 3	2 3	6 14	0 41	12 33	0 36	5 51	17 16	3 56	4 21	2 42	9 13	0 5	W 8
T 9	5 39	5 52	2 44	11 5	1 45	12 58	6 38	13 2	3 2	22 31	0 4	10 5	2 3	6 13	0 41	12 34	0 36	5 51	17 16	3 55	4 20	2 44	9 15	0 4	T 9
F 10	5 17	2 12	1 45	10 25	1 47	13 9	6 47	13 7	3 1	22 30	0 4	10 6	2 3	6 12	0 41	12 34	0 36	5 52	17 17	3 54	4 19	2 46	9 18	0 4	F 10
S 11	4 54	1s31	0 42	9 43	1 48	13 19	6 56	13 11	3 0	22 29	0 4	10 8	2 3	6 12	0 41	12 35	0 36	5 52	17 17	3 53	4 18	2 48	9 20	0 4	S 11
S 12	4 31	5 9	0n23	9 0	1 49	13 28	7 5	13 15	3 0	22 28	0 4	10 10	2 3	6 11	0 41	12 35	0 36	5 53	17 17	3 53	4 16	2 49	9 23	0 4	S 12
M13	4 8	8 36	1 27	8 16	1 48	13 36	7 13	13 19	2 59	22 27	0 4	10 12	2 3	6 10	0 41	12 36	0 36	5 53	17 17	3 53	4 15	2 51	9 25	0 3	M13
T 14	3 45	11 43	2 28	7 31	1 47	13 43	7 21	13 23	2 58	22 26	0 4	10 13	2 3	6 9	0 41	12 36	0 36	5 54	17 17	3 54	4 14	2 53	9 28	0 3	T 14
W15	3 22	14 22	3 23	6 46	1 46	13 49	7 29	13 26	2 57	22 25	0 4	10 15	2 3	6 8	0 41	12 37	0 36	5 54	17 18	3 54	4 13	2 55	9 31	0 3	W15
T 16	2 59	16 26	4 9	5 59	1 44	13 53	7 37	13 29	2 56	22 24	0 4	10 17	2 3	6 7	0 41	12 37	0 36	5 55	17 18	3 55	4 11	2 57	9 33	0 2	T 16
F 17	2 36	17 46	4 46	5 13	1 41	13 56	7 44	13 33	2 55	22 23	0 3	10 18	2 3	6 7	0 41	12 38	0 36	5 55	17 18	3 55	4 10	2 59	9 36	0 2	F 17
S 18	2 13	18 16	5 9	4 26	1 38	13 58	7 51	13 36	2 54	22 22	0 3	10 20	2 3	6 6	0 41	12 38	0 36	5 56	17 18	3 55	4 9	3 0	9 38	0 2	S 18
S 19	1 49	17 49	5 17	3 38	1 34	13 58	7 57	13 38	2 53	22 21	0 3	10 21	2 3	6 5	0 41	12 39	0 36	5 56	17 18	3 55	4 8	3 2	9 41	0 1	S 19
M20	1 26	16 22	5 8	2 51	1 30	13 57	8 2	13 41	2 52	22 20	0 3	10 23	2 3	6 4	0 41	12 39	0 36	5 57	17 19	3 55	4 6	3 4	9 44	0 1	M20
T 21	1 3	13 54	4 41	2 4	1 26	13 55	8 8	13 43	2 51	22 19	0 3	10 25	2 3	6 3	0 41	12 40	0 36	5 57	17 19	3 54	4 5	3 6	9 46	0 1	T 21
W22	0 39	10 31	3 56	1 16	1 21	13 51	8 12	13 45	2 50	22 18	0 3	10 26	2 3	6 2	0 41	12 40	0 36	5 58	17 19	3 54	4 4	3 8	9 49	0 0	W22
T 23	0 16	6 23	2 54	0 29	1 16	13 45	8 16	13 47	2 48	22 17	0 3	10 28	2 3	6 2	0 41	12 41	0 36	5 58	17 19	3 53	4 3	3 9	9 52	0 0	T 23
F 24	0s 7	1 46	1 39	0s18	1 11	13 38	8 19	13 49	2 47	22 16	0 3	10 29	2 3	6 1	0 41	12 41	0 36	5 59	17 19	3 53	4 1	3 11	9 54	0n 0	F 24
S 25	0 31	3n 1	0 16	1 5	1 5	13 30	8 21	13 51	2 45	22 15	0 3	10 31	2 3	6 0	0 41	12 42	0 36	5 59	17 19	3 53	4 0	3 13	9 57	0 0	S 25
S 26	0 54	7 35	1s 8	1 52	0 59	13 20	8 23	13 52	2 44	22 14	0 3	10 32	2 3	5 59	0 41	12 42	0 36	6 0	17 20	3 53	3 59	3 15	10 0	0 1	S 26
M27	1 18	11 36	2 26	2 38	0 53	13 8	8 23	13 53	2 42	22 14	0 2	10 34	2 3	5 58	0 41	12 43	0 36	6 0	17 20	3 53	3 58	3 17	10 2	0 1	M27
T 28	1 41	14 48	3 33	3 24	0 47	12 56	8 23	13 54	2 41	22 13	0 2	10 35	2 3	5 57	0 41	12 43	0 36	6 1	17 20	3 53	3 56	3 18	10 5	0 1	T 28
W29	2 4	16 59	4 25	4 10	0 40	12 42	8 22	13 55	2 39	22 12	0 2	10 36	2 3	5 56	0 41	12 43	0 36	6 1	17 20	3 53	3 55	3 20	10 8	0 2	W29
T 30	2s28	18n 6	4s59	4s55	0n34	12s26	8s20	13n56	2s37	22n11	0s 2	10s38	2s 3	5n55	0s41	12s44	0s36	6s 2	17s20	3s53	3s54	3s22	10s10	0n 2	T 30

Julian Day Number = 2395905.5, Delta T = 8.57 sec
Ecliptic obliquity = 23°27'24, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°36'47, Lahiri = 21°43'48

ASTRODIENST EPHEMERIS for the year 1847
geocentric

OCTOBER 1847 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 36 25	7♎11'06	3♋20	15♎27	11°R28	15°R15	18♋19	7°R31	16°R37	28°R 0	26°R17	9°R49	9♎47	8♎15	26♎34	F 1
S 2	0 40 22	8°10'10	16°21	17° 6	10♎52	15♉ 9	18°26	7♓27	16♈35	27♒59	26♈15	9♎49	9°44	8°21	26°42	S 2
S 3	0 44 18	9° 9'16	29° 0	18°44	10°15	15° 3	18°32	7°24	16°32	27°58	26°14	9°49	9°41	8°28	26°51	S 3
M 4	0 48 15	10° 8'25	11♌23	20°21	9°39	14°56	18°39	7°20	16°30	27°57	26°13	9°D49	9°37	8°34	26°59	M 4
T 5	0 52 11	11° 7'36	23°32	21°58	9° 2	14°48	18°45	7°17	16°27	27°56	26°12	9°49	9°34	8°41	27° 7	T 5
W 6	0 56 8	12° 6'49	5♍31	23°34	8°25	14°39	18°51	7°13	16°25	27°55	26°11	9°49	9°31	8°48	27°16	W 6
T 7	1 0 5	13° 6'04	17°23	25° 9	7°50	14°29	18°57	7°10	16°22	27°54	26°10	9°50	9°28	8°54	27°24	T 7
F 8	1 4 1	14° 5'22	29°12	26°43	7°14	14°18	19° 3	7° 7	16°20	27°53	26° 9	9°50	9°25	9° 1	27°33	F 8
S 9	1 7 58	15° 4'41	10♎59	28°17	6°40	14° 7	19° 9	7° 4	16°18	27°52	26° 8	9°R50	9°22	9° 8	27°41	S 9
S 10	1 11 54	16° 4'03	22°46	29°50	6° 7	13°55	19°14	7° 1	16°15	27°51	26° 7	9°50	9°18	9°14	27°50	S 10
M11	1 15 51	17° 3'27	4♏37	1♏22	5°35	13°42	19°19	6°58	16°13	27°50	26° 6	9°49	9°15	9°21	27°58	M11
T 12	1 19 47	18° 2'52	16°34	2°54	5° 5	13°28	19°24	6°55	16°10	27°49	26° 4	9°48	9°12	9°28	28° 7	T 12
W13	1 23 44	19° 2'20	28°38	4°24	4°37	13°13	19°29	6°52	16° 8	27°48	26° 3	9°47	9° 9	9°34	28°15	W13
T 14	1 27 40	20° 1'50	10♐52	5°55	4°11	12°58	19°34	6°49	16° 5	27°47	26° 2	9°46	9° 6	9°41	28°24	T 14
F 15	1 31 37	21° 1'21	23°19	7°24	3°46	12°42	19°39	6°47	16° 3	27°46	26° 1	9°44	9° 2	9°48	28°32	F 15
S 16	1 35 33	22° 0'54	6♑ 2	8°53	3°24	12°25	19°43	6°44	16° 1	27°45	26° 0	9°43	8°59	9°54	28°41	S 16
S 17	1 39 30	23° 0'29	19° 5	10°20	3° 4	12° 8	19°48	6°42	15°58	27°45	25°59	9°D43	8°56	10° 1	28°50	S 17
M18	1 43 27	24° 0'06	2♒29	11°48	2°46	11°50	19°52	6°39	15°56	27°44	25°58	9°43	8°53	10° 7	28°58	M18
T 19	1 47 23	24°59'44	16°16	13°14	2°31	11°32	19°56	6°37	15°53	27°43	25°56	9°44	8°50	10°14	29° 7	T 19
W20	1 51 20	25°59'24	0♓28	14°40	2°18	11°13	19°59	6°35	15°51	27°43	25°55	9°45	8°47	10°21	29°15	W20
T 21	1 55 16	26°59'06	15° 3	16° 5	2° 7	10°54	20° 3	6°33	15°49	27°42	25°54	9°46	8°43	10°27	29°24	T 21
F 22	1 59 13	27°58'49	29°56	17°29	1°59	10°35	20° 6	6°31	15°46	27°41	25°53	9°47	8°40	10°34	29°33	F 22
S 23	2 3 9	28°58'35	15♈ 2	18°52	1°53	10°15	20° 9	6°29	15°44	27°41	25°52	9°R47	8°37	10°41	29°41	S 23
S 24	2 7 6	29°58'22	0♉12	20°15	1°50	9°55	20°12	6°27	15°41	27°40	25°51	9°46	8°34	10°47	29°50	S 24
M25	2 11 2	0♏58'11	15°17	21°36	1°D49	9°34	20°15	6°25	15°39	27°40	25°50	9°44	8°31	10°54	29°58	M25
T 26	2 14 59	1°58'02	0♊ 7	22°57	1°51	9°14	20°18	6°24	15°37	27°39	25°48	9°41	8°27	11° 1	0♏ 7	T 26
W27	2 18 56	2°57'56	14°35	24°16	1°55	8°53	20°20	6°22	15°35	27°39	25°47	9°38	8°24	11° 7	0°16	W27
T 28	2 22 52	3°57'51	28°36	25°34	2° 1	8°32	20°23	6°21	15°32	27°38	25°46	9°35	8°21	11°14	0°24	T 28
F 29	2 26 49	4°57'49	12♋10	26°51	2°10	8°11	20°25	6°20	15°30	27°38	25°45	9°32	8°18	11°21	0°33	F 29
S 30	2 30 45	5°57'49	25°16	28° 7	2°21	7°50	20°26	6°18	15°28	27°37	25°44	9°30	8°15	11°27	0°41	S 30
S 31	2 34 42	6♏57'51	7♌57	29♏21	2♎34	7♉30	20♋28	6♓17	15♈26	27♒37	25♈43	9°D30	8♎12	11♎34	0♏50	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	2s51	18n 9	5s16	5s40	0n27	12s 9	8s17	13n56	2s35	22n10	0s 2	10s39	2s 2	5n54	0s41	12s44	0s36	6s 2	17s20	3s53	3s53	3s24	10s13	0n 2
S 2	3 15	17 13	5 16	6 24	0 21	11 52	8 14	13 57	2 34	22 9	0 2	10 40	2 2	5 53	0 41	12 45	0 36	6 3	17 20	3 53	3 51	3 26	10 16	0 3
S 3	3 38	15 28	5 1	7 8	0 14	11 33	8 9	13 57	2 32	22 9	0 2	10 42	2 2	5 52	0 41	12 45	0 36	6 3	17 20	3 53	3 50	3 28	10 19	0 3
M 4	4 1	13 2	4 31	7 51	0 7	11 13	8 3	13 57	2 29	22 8	0 2	10 43	2 2	5 52	0 41	12 45	0 36	6 4	17 20	3 53	3 49	3 29	10 21	0 3
T 5	4 24	10 4	3 50	8 34	0s 0	10 53	7 57	13 56	2 27	22 7	0 2	10 44	2 2	5 51	0 41	12 46	0 36	6 4	17 21	3 53	3 48	3 31	10 24	0 3
W 6	4 48	6 43	3 0	9 16	0 7	10 31	7 49	13 56	2 25	22 6	0 1	10 45	2 2	5 50	0 41	12 46	0 36	6 4	17 21	3 54	3 46	3 33	10 27	0 4
T 7	5 11	3 7	2 2	9 57	0 14	10 10	7 41	13 55	2 23	22 6	0 1	10 46	2 2	5 49	0 41	12 47	0 36	6 5	17 21	3 54	3 45	3 35	10 30	0 4
F 8	5 34	0s35	0 59	10 38	0 21	9 47	7 32	13 54	2 20	22 5	0 1	10 47	2 2	5 48	0 41	12 47	0 36	6 5	17 21	3 54	3 44	3 37	10 32	0 4
S 9	5 57	4 15	0n 6	11 19	0 28	9 25	7 22	13 53	2 18	22 4	0 1	10 49	2 2	5 47	0 41	12 47	0 36	6 6	17 21	3 54	3 43	3 38	10 35	0 5
S 10	6 20	7 46	1 11	11 58	0 35	9 2	7 12	13 52	2 16	22 4	0 1	10 50	2 2	5 46	0 41	12 48	0 36	6 6	17 21	3 54	3 41	3 40	10 38	0 5
M11	6 42	10 58	2 14	12 37	0 42	8 39	7 1	13 51	2 13	22 3	0 1	10 51	2 2	5 45	0 41	12 48	0 36	6 7	17 21	3 54	3 40	3 42	10 41	0 5
T 12	7 5	13 46	3 10	13 15	0 49	8 17	6 49	13 49	2 10	22 2	0 1	10 52	2 2	5 44	0 41	12 48	0 36	6 7	17 21	3 53	3 39	3 44	10 44	0 5
W13	7 28	15 59	3 59	13 53	0 56	7 54	6 37	13 47	2 8	22 2	0 1	10 53	2 2	5 43	0 41	12 49	0 36	6 7	17 21	3 53	3 38	3 46	10 46	0 6
T 14	7 50	17 30	4 38	14 29	1 3	7 32	6 24	13 46	2 5	22 1	0 1	10 54	2 1	5 42	0 41	12 49	0 36	6 8	17 21	3 52	3 36	3 47	10 49	0 6
F 15	8 13	18 13	5 4	15 5	1 9	7 10	6 11	13 43	2 2	22 1	0 0	10 54	2 1	5 41	0 41	12 49	0 36	6 8	17 21	3 52	3 35	3 49	10 52	0 6
S 16	8 35	18 3	5 17	15 40	1 16	6 49	5 58	13 41	1 59	22 0	0 0	10 55	2 1	5 40	0 41	12 49	0 36	6 9	17 21	3 51	3 34	3 51	10 55	0 7
S 17	8 57	16 56	5 13	16 14	1 23	6 29	5 44	13 39	1 56	22 0	0 0	10 56	2 1	5 39	0 41	12 50	0 36	6 9	17 21	3 51	3 33	3 53	10 57	0 7
M18	9 19	14 52	4 53	16 48	1 29	6 9	5 30	13 36	1 53	21 59	0 0	10 57	2 1	5 39	0 41	12 50	0 36	6 10	17 21	3 51	3 31	3 55	11 0	0 7
T 19	9 41	11 55	4 15	17 20	1 35	5 50	5 16	13 34	1 50	21 59	0n 0	10 58	2 1	5 38	0 41	12 50	0 36	6 10	17 21	3 51	3 30	3 56	11 3	0 8
W20	10 3	8 11	3 21	17 52	1 42	5 32	5 2	13 31	1 47	21 58	0 0	10 58	2 1	5 37	0 41	12 50	0 36	6 10	17 21	3 52	3 29	3 58	11 6	0 8
T 21	10 24	3 51	2 13	18 23	1 48	5 15	4 48	13 28	1 43	21 58	0 0	10 59	2 1	5 36	0 41	12 51	0 36	6 11	17 21	3 52	3 28	4 0	11 8	0 8
F 22	10 46	0n48	0 54	18 53	1 54	4 58	4 34	13 25	1 40	21 57	0 0	11 0	2 1	5 35	0 41	12 51	0 36	6 11	17 21	3 53	3 26	4 2	11 11	0 8
S 23	11 7	5 29	0s29	19 22	1 59	4 43	4 19	13 22	1 37	21 57	0 1	11 0	2 0	5 34	0 41	12 51	0 36	6 11	17 21	3 53	3 25	4 4	11 14	0 9
S 24	11 28	9 50	1 51	19 49	2 5	4 29	4 5	13 19	1 33	21 57	0 1	11 1	2 0	5 33	0 41	12 51	0 36	6 12	17 21	3 52	3 24	4 5	11 17	0 9
M25	11 49	13 30	3 4	20 16	2 10	4 16	3 51	13 16	1 30	21 56	0 1	11 1	2 0	5 32	0 41	12 51	0 36	6 12	17 21	3 52	3 23	4 7	11 19	0 9
T 26	12 10	16 13	4 3	20 42	2 15	4 3	3 37	13 13	1 26	21 56	0 1	11 2	2 0	5 31	0 41	12 51	0 36	6 12	17 21	3 50	3 21	4 9	11 22	0 10
W27	12 31	17 50	4 46	21 7	2 20	3 52	3 23	13 10	1 23	21 56	0 1	11 2	2 0	5 31	0 41	12 52	0 36	6 13	17 21	3 49	3 20	4 11	11 25	0 10
T 28	12 51	18 18	5 9	21 30	2 24	3 42	3 10	13 6	1 19	21 56	0 1	11 3	2 0	5 30	0 41	12 52	0 36	6 13	17 21	3 48	3 19	4 12	11 28	0 10
F 29	13 11	17 41	5 15	21 52	2 28	3 33	2 56	13 3	1 16	21 56	0 1	11 3	2 0	5 29	0 41	12 52	0 36	6 13	17 21	3 47	3 18	4 14	11 30	0 11
S 30	13 31	16 8	5 3	22 14	2 32	3 26	2 43	13 0	1 12	21 55	0 1	11 3	2 0	5 28	0 41	12 52	0 36	6 14	17 21	3 46	3 16	4 16	11 33	0 11
S 31	13s51	13n50	4s37	22s33	2s36	3s19	2s30	12n56	1s 9	21n55	0n 2	11s 4	1s59	5n27	0s41	12s52	0s36	6s14	17s21	3s46	3s15	4s18	11s36	0n11

Julian Day Number = 2395935.5, Delta T = 8.59 sec
Ecliptic obliquity = 23°27'24, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°36'51, Lahiri = 21°43'52

ASTRODIENST EPHEMERIS for the year 1847
geocentric

NOVEMBER 1847 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 38 38	7♏57'55	20♌18	0♐33	2♎49	7°R 9	20♋30	6°R16	15°R23	27°R37	25°R42	9♎31	8♎ 8	11♎40	0♏58	M 1
T 2	2 42 35	8°58'01	2♍24	1°44	3° 6	6♉48	20°31	6♓15	15♈21	27♒37	25♈41	9°32	8° 5	11°47	1° 7	T 2
W 3	2 46 31	9°58'10	14°18	2°52	3°26	6°28	20°32	6°15	15°19	27°36	25°40	9°34	8° 2	11°54	1°16	W 3
T 4	2 50 28	10°58'20	26° 6	3°59	3°47	6° 8	20°33	6°14	15°17	27°36	25°38	9°36	7°59	12° 0	1°24	T 4
F 5	2 54 25	11°58'33	7♎52	5° 2	4°10	5°48	20°34	6°13	15°15	27°36	25°37	9°R36	7°56	12° 7	1°33	F 5
S 6	2 58 21	12°58'47	19°40	6° 3	4°35	5°28	20°34	6°13	15°13	27°36	25°36	9°36	7°53	12°14	1°41	S 6
S 7	3 2 18	13°59'03	1♏32	7° 1	5° 1	5° 9	20°34	6°12	15°11	27°36	25°35	9°34	7°49	12°20	1°50	S 7
M 8	3 6 14	14°59'21	13°31	7°54	5°30	4°50	20°R34	6°12	15° 9	27°36	25°34	9°30	7°46	12°27	1°58	M 8
T 9	3 10 11	15°59'41	25°39	8°44	6° 0	4°32	20°34	6°12	15° 7	27°D36	25°33	9°24	7°43	12°34	2° 7	T 9
W10	3 14 7	17° 0'03	7♐56	9°30	6°31	4°14	20°34	6°D12	15° 5	27°36	25°32	9°17	7°40	12°40	2°15	W10
T 11	3 18 4	18° 0'26	20°24	10°10	7° 4	3°57	20°34	6°12	15° 3	27°36	25°31	9°10	7°37	12°47	2°23	T 11
F 12	3 22 0	19° 0'51	3♑ 4	10°45	7°38	3°41	20°33	6°12	15° 1	27°36	25°30	9° 3	7°33	12°54	2°32	F 12
S 13	3 25 57	20° 1'17	15°57	11°13	8°14	3°25	20°32	6°12	14°59	27°36	25°29	8°57	7°30	13° 0	2°40	S 13
S 14	3 29 54	21° 1'44	29° 4	11°34	8°51	3°10	20°31	6°12	14°57	27°36	25°28	8°53	7°27	13° 7	2°48	S 14
M15	3 33 50	22° 2'13	12♒27	11°48	9°30	2°55	20°30	6°13	14°55	27°36	25°27	8°51	7°24	13°14	2°57	M15
T 16	3 37 47	23° 2'43	26° 6	11°R52	10° 9	2°41	20°28	6°13	14°54	27°36	25°26	8°D50	7°21	13°20	3° 5	T 16
W17	3 41 43	24° 3'15	10♓ 3	11°48	10°50	2°28	20°26	6°14	14°52	27°37	25°25	8°51	7°18	13°27	3°13	W17
T 18	3 45 40	25° 3'47	24°19	11°34	11°32	2°16	20°24	6°15	14°50	27°37	25°24	8°52	7°14	13°33	3°22	T 18
F 19	3 49 36	26° 4'21	8♈50	11° 9	12°15	2° 4	20°22	6°16	14°48	27°37	25°23	8°R53	7°11	13°40	3°30	F 19
S 20	3 53 33	27° 4'56	23°35	10°34	12°59	1°53	20°20	6°17	14°47	27°37	25°22	8°52	7° 8	13°47	3°38	S 20
S 21	3 57 29	28° 5'32	8♉27	9°48	13°44	1°43	20°18	6°18	14°45	27°38	25°21	8°49	7° 5	13°53	3°46	S 21
M22	4 1 26	29° 6'10	23°19	8°52	14°31	1°34	20°15	6°19	14°44	27°38	25°20	8°44	7° 2	14° 0	3°54	M22
T 23	4 5 23	0♐ 6'49	8♊ 3	7°47	15°18	1°26	20°12	6°20	14°42	27°39	25°19	8°36	6°59	14° 7	4° 2	T 23
W24	4 9 19	1° 7'30	22°31	6°34	16° 6	1°18	20° 9	6°22	14°41	27°39	25°18	8°27	6°55	14°13	4°10	W24
T 25	4 13 16	2° 8'12	6♋36	5°16	16°55	1°11	20° 6	6°23	14°39	27°40	25°17	8°18	6°52	14°20	4°18	T 25
F 26	4 17 12	3° 8'55	20°14	3°54	17°45	1° 5	20° 2	6°25	14°38	27°40	25°17	8°10	6°49	14°27	4°26	F 26
S 27	4 21 9	4° 9'40	3♌26	2°32	18°35	1° 0	19°59	6°26	14°37	27°41	25°16	8° 4	6°46	14°33	4°34	S 27
S 28	4 25 5	5°10'27	16°12	1°12	19°27	0°56	19°55	6°28	14°35	27°41	25°15	8° 0	6°43	14°40	4°42	S 28
M29	4 29 2	6°11'15	28°36	29♏57	20°19	0°52	19°51	6°30	14°34	27°42	25°14	7°58	6°39	14°47	4°50	M29
T 30	4 32 58	7♐12'04	10♍42	28♏48	21♎12	0♉49	19♋47	6♓32	14♈33	27♒43	25♈13	7°D57	6♎36	14♎53	4♏58	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		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	14s10	10n57	3s59	22s52	2s39	3s13	2s17	12n53	1s 5	21n55	0n 2	11s 4	1s59	5n26	0s41	12s52	0s36	6s14	17s21	3s46	3s14	4s20	11s39	0n11	M 1
T 2	14 30	7 40	3 10	23 9	2 41	3 9	2 5	12 50	1 1	21 55	0 2	11 4	1 59	5 25	0 41	12 52	0 36	6 15	17 20	3 47	3 13	4 21	11 41	0 12	T 2
W 3	14 49	4 7	2 15	23 25	2 43	3 5	1 52	12 47	0 58	21 55	0 2	11 4	1 59	5 25	0 41	12 52	0 36	6 15	17 20	3 48	3 11	4 23	11 44	0 12	W 3
T 4	15 8	0 26	1 13	23 40	2 45	3 2	1 40	12 43	0 54	21 55	0 2	11 4	1 59	5 24	0 41	12 52	0 36	6 15	17 20	3 48	3 10	4 25	11 47	0 12	T 4
F 5	15 26	3s16	0 10	23 53	2 46	3 1	1 29	12 40	0 50	21 55	0 2	11 5	1 59	5 23	0 41	12 53	0 36	6 16	17 20	3 49	3 9	4 27	11 49	0 13	F 5
S 6	15 45	6 51	0n55	24 4	2 47	3 0	1 17	12 37	0 47	21 55	0 2	11 5	1 59	5 22	0 41	12 53	0 36	6 16	17 20	3 48	3 8	4 29	11 52	0 13	S 6
S 7	16 3	10 11	1 57	24 14	2 46	3 1	1 6	12 34	0 43	21 55	0 2	11 5	1 59	5 22	0 41	12 53	0 36	6 16	17 20	3 47	3 6	4 30	11 55	0 13	S 7
M 8	16 21	13 8	2 55	24 22	2 45	3 2	0 55	12 31	0 40	21 55	0 3	11 5	1 58	5 21	0 41	12 53	0 36	6 16	17 20	3 46	3 5	4 32	11 57	0 14	M 8
T 9	16 38	15 33	3 45	24 28	2 44	3 4	0 45	12 28	0 36	21 55	0 3	11 5	1 58	5 20	0 40	12 53	0 36	6 17	17 20	3 44	3 4	4 34	12 0	0 14	T 9
W10	16 55	17 17	4 25	24 33	2 41	3 7	0 34	12 26	0 33	21 56	0 3	11 4	1 58	5 19	0 40	12 53	0 36	6 17	17 19	3 41	3 3	4 36	12 3	0 14	W10
T 11	17 12	18 14	4 54	24 35	2 37	3 11	0 24	12 23	0 29	21 56	0 3	11 4	1 58	5 19	0 40	12 53	0 36	6 17	17 19	3 38	3 1	4 37	12 5	0 14	T 11
F 12	17 29	18 17	5 8	24 35	2 33	3 15	0 14	12 21	0 26	21 56	0 3	11 4	1 58	5 18	0 40	12 53	0 36	6 17	17 19	3 35	3 0	4 39	12 8	0 15	F 12
S 13	17 46	17 24	5 8	24 34	2 27	3 21	0 5	12 19	0 22	21 56	0 3	11 4	1 58	5 17	0 40	12 52	0 36	6 17	17 19	3 33	2 59	4 41	12 10	0 15	S 13
S 14	18 2	15 36	4 51	24 30	2 20	3 27	0n 4	12 17	0 19	21 57	0 3	11 4	1 57	5 16	0 40	12 52	0 36	6 18	17 19	3 31	2 58	4 43	12 13	0 15	S 14
M15	18 17	12 56	4 19	24 23	2 11	3 34	0 13	12 15	0 16	21 57	0 4	11 3	1 57	5 16	0 40	12 52	0 36	6 18	17 19	3 31	2 56	4 45	12 15	0 16	M15
T 16	18 33	9 31	3 31	24 14	2 2	3 41	0 22	12 13	0 12	21 57	0 4	11 3	1 57	5 15	0 40	12 52	0 36	6 18	17 18	3 30	2 55	4 46	12 18	0 16	T 16
W17	18 48	5 30	2 30	24 2	1 50	3 50	0 30	12 12	0 9	21 58	0 4	11 3	1 57	5 14	0 40	12 52	0 36	6 18	17 18	3 31	2 54	4 48	12 21	0 16	W17
T 18	19 3	1 4	1 18	23 48	1 37	3 59	0 38	12 11	0 6	21 58	0 4	11 2	1 57	5 14	0 40	12 52	0 36	6 18	17 18	3 31	2 53	4 50	12 23	0 17	T 18
F 19	19 17	3n31	0 0	23 30	1 23	4 8	0 46	12 10	0 3	21 59	0 4	11 2	1 57	5 13	0 40	12 52	0 36	6 18	17 18	3 31	2 51	4 52	12 26	0 17	F 19
S 20	19 31	7 57	1s19	23 9	1 7	4 19	0 54	12 9	0n 0	21 59	0 4	11 1	1 57	5 13	0 40	12 52	0 36	6 19	17 18	3 31	2 50	4 53	12 28	0 17	S 20
S 21	19 45	11 55	2 33	22 45	0 50	4 30	1 1	12 8	0 3	22 0	0 4	11 1	1 56	5 12	0 40	12 52	0 36	6 19	17 18	3 30	2 49	4 55	12 30	0 17	S 21
M22	19 58	15 8	3 36	22 18	0 31	4 41	1 8	12 8	0 6	22 0	0 5	11 0	1 56	5 11	0 40	12 52	0 36	6 19	17 17	3 28	2 48	4 57	12 33	0 18	M22
T 23	20 11	17 19	4 25	21 49	0 11	4 53	1 15	12 7	0 9	22 1	0 5	10 59	1 56	5 11	0 40	12 51	0 36	6 19	17 17	3 25	2 46	4 59	12 35	0 18	T 23
W24	20 24	18 20	4 55	21 17	0n 9	5 5	1 21	12 7	0 12	22 1	0 5	10 59	1 56	5 10	0 40	12 51	0 36	6 19	17 17	3 21	2 45	5 0	12 38	0 18	W24
T 25	20 36	18 12	5 6	20 43	0 29	5 18	1 27	12 8	0 15	22 2	0 5	10 58	1 56	5 10	0 40	12 51	0 36	6 19	17 17	3 18	2 44	5 2	12 40	0 19	T 25
F 26	20 48	16 59	5 0	20 8	0 50	5 32	1 33	12 8	0 18	22 3	0 5	10 57	1 56	5 9	0 40	12 51	0 36	6 19	17 16	3 15	2 42	5 4	12 43	0 19	F 26
S 27	21 0	14 54	4 37	19 33	1 9	5 46	1 39	12 9	0 20	22 3	0 5	10 57	1 56	5 9	0 40	12 51	0 36	6 19	17 16	3 12	2 41	5 6	12 45	0 19	S 27
S 28	21 11	12 9	4 1	18 59	1 28	6 0	1 45	12 10	0 23	22 4	0 5	10 56	1 55	5 8	0 40	12 50	0 36	6 19	17 16	3 10	2 40	5 8	12 47	0 20	S 28
M29	21 21	8 55	3 15	18 27	1 44	6 15	1 50	12 11	0 25	22 5	0 6	10 55	1 55	5 8	0 40	12 50	0 36	6 19	17 16	3 10	2 39	5 9	12 50	0 20	M29
T 30	21s32	5n23	2s21	17s58	1n59	6s30	1n55	12n12	0n28	22n 6	0n 6	10s54	1s55	5n 7	0s40	12s50	0s36	6s19	17s15	3s 9	2s37	5s11	12s52	0n20	T 30

Julian Day Number = 2395966.5, Delta T = 8.61 sec
Ecliptic obliquity = 23°27'24, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°36'56, Lahiri = 21°43'56

ASTRODIENST EPHEMERIS for the year 1847
geocentric

DECEMBER 1847 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 36 55	8♐12'55	22♍37	27°R49	22♎ 6	0°R47	19°R42	6♓34	14°R32	27♒43	25°R12	7♎58	6♎33	15♎ 0	5♏ 5	W 1
T 2	4 40 52	9°13'47	4♎24	27♏ 1	23° 0	0♑46	19♋38	6°36	14♈30	27°44	25♈12	7°R59	6°30	15° 7	5°13	T 2
F 3	4 44 48	10°14'41	16°11	26°23	23°55	0°D46	19°33	6°39	14°29	27°45	25°11	7°58	6°27	15°13	5°21	F 3
S 4	4 48 45	11°15'36	28° 1	25°57	24°50	0°46	19°28	6°41	14°28	27°46	25°10	7°56	6°24	15°20	5°28	S 4
S 5	4 52 41	12°16'32	9♏58	25°43	25°47	0°48	19°23	6°44	14°27	27°47	25° 9	7°51	6°20	15°26	5°36	S 5
M 6	4 56 38	13°17'30	22° 6	25°D39	26°43	0°50	19°18	6°46	14°26	27°48	25° 9	7°44	6°17	15°33	5°43	M 6
T 7	5 0 34	14°18'28	4♐27	25°45	27°41	0°52	19°12	6°49	14°26	27°48	25° 8	7°34	6°14	15°40	5°51	T 7
W 8	5 4 31	15°19'27	17° 1	26° 2	28°39	0°56	19° 7	6°52	14°25	27°49	25° 7	7°22	6°11	15°46	5°58	W 8
T 9	5 8 27	16°20'28	29°49	26°26	29°37	1° 0	19° 1	6°55	14°24	27°50	25° 7	7° 9	6° 8	15°53	6° 5	T 9
F 10	5 12 24	17°21'29	12♑50	26°59	0♏36	1° 5	18°55	6°58	14°23	27°51	25° 6	6°56	6° 5	16° 0	6°13	F 10
S 11	5 16 21	18°22'31	26° 2	27°39	1°35	1°11	18°49	7° 1	14°22	27°52	25° 5	6°46	6° 1	16° 6	6°20	S 11
S 12	5 20 17	19°23'34	9♒26	28°24	2°35	1°18	18°43	7° 4	14°22	27°54	25° 5	6°37	5°58	16°13	6°27	S 12
M13	5 24 14	20°24'37	23° 0	29°16	3°36	1°25	18°37	7° 7	14°21	27°55	25° 4	6°32	5°55	16°20	6°34	M13
T 14	5 28 10	21°25'40	6♓43	0♐12	4°36	1°33	18°30	7°11	14°21	27°56	25° 4	6°29	5°52	16°26	6°41	T 14
W15	5 32 7	22°26'44	20°35	1°12	5°37	1°42	18°24	7°14	14°20	27°57	25° 3	6°D28	5°49	16°33	6°48	W15
T 16	5 36 3	23°27'48	4♈38	2°16	6°39	1°51	18°17	7°18	14°20	27°58	25° 3	6°R28	5°45	16°40	6°55	T 16
F 17	5 40 0	24°28'53	18°50	3°23	7°41	2° 1	18°10	7°21	14°19	27°59	25° 2	6°28	5°42	16°46	7° 2	F 17
S 18	5 43 56	25°29'57	3♉10	4°34	8°43	2°11	18° 3	7°25	14°19	28° 1	25° 2	6°25	5°39	16°53	7° 9	S 18
S 19	5 47 53	26°31'03	17°36	5°46	9°46	2°23	17°56	7°29	14°19	28° 2	25° 1	6°21	5°36	17° 0	7°15	S 19
M20	5 51 50	27°32'08	2♊ 2	7° 1	10°49	2°34	17°49	7°33	14°18	28° 3	25° 1	6°13	5°33	17° 6	7°22	M20
T 21	5 55 46	28°33'14	16°24	8°18	11°52	2°47	17°42	7°37	14°18	28° 5	25° 0	6° 2	5°30	17°13	7°29	T 21
W22	5 59 43	29°34'20	0♋35	9°36	12°56	3° 0	17°35	7°41	14°18	28° 6	25° 0	5°50	5°26	17°19	7°35	W22
T 23	6 3 39	0♉35'27	14°29	10°56	14° 0	3°13	17°27	7°45	14°18	28° 7	24°59	5°37	5°23	17°26	7°41	T 23
F 24	6 7 36	1°36'34	28° 2	12°17	15° 4	3°28	17°20	7°49	14°D18	28° 9	24°59	5°25	5°20	17°33	7°48	F 24
S 25	6 11 32	2°37'42	11♌12	13°39	16° 9	3°42	17°12	7°54	14°18	28°10	24°59	5°15	5°17	17°39	7°54	S 25
S 26	6 15 29	3°38'50	23°59	15° 3	17°14	3°57	17° 5	7°58	14°18	28°12	24°58	5° 7	5°14	17°46	8° 0	S 26
M27	6 19 26	4°39'58	6♍25	16°27	18°19	4°13	16°57	8° 3	14°18	28°13	24°58	5° 2	5°11	17°53	8° 6	M27
T 28	6 23 22	5°41'07	18°33	17°52	19°25	4°29	16°49	8° 7	14°18	28°15	24°58	5° 0	5° 7	17°59	8°12	T 28
W29	6 27 19	6°42'16	0♎29	19°18	20°30	4°46	16°41	8°12	14°19	28°16	24°58	4°59	5° 4	18° 6	8°18	W29
T 30	6 31 15	7°43'26	12°18	20°45	21°36	5° 3	16°33	8°17	14°19	28°18	24°57	4°59	5° 1	18°13	8°24	T 30
F 31	6 35 12	8♉44'36	24♎ 6	22♐12	22♏43	5♑21	16♋25	8♓21	14♈19	28♒20	24♈57	4♎59	4♎58	18♎19	8♏30	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	21 s42	1n41	1 s22	17 s33	2n12	6 s45	2n 0	12n14	0n30	22n 6	0n 6	10 s53	1 s55	5n 7	0 s40	12 s50	0 s35	6 s20	17 s15	3 s10	2 s36	5 s13	12 s54	0n21
T 2	21 51	2 s 3	0 19	17 12	2 22	7 1	2 5	12 16	0 33	22 7	0 6	10 52	1 55	5 7	0 40	12 49	0 35	6 20	17 15	3 10	2 35	5 15	12 56	0 21
F 3	22 0	5 42	0n44	16 55	2 30	7 17	2 9	12 18	0 35	22 8	0 6	10 51	1 55	5 6	0 40	12 49	0 35	6 20	17 15	3 10	2 34	5 16	12 59	0 21
S 4	22 9	9 8	1 45	16 43	2 37	7 33	2 13	12 20	0 37	22 9	0 6	10 50	1 55	5 6	0 40	12 49	0 35	6 20	17 14	3 9	2 32	5 18	13 1	0 22
S 5	22 17	12 15	2 42	16 36	2 41	7 50	2 17	12 23	0 40	22 10	0 6	10 49	1 54	5 6	0 40	12 49	0 35	6 20	17 14	3 7	2 31	5 20	13 3	0 22
M 6	22 25	14 53	3 33	16 33	2 43	8 7	2 21	12 25	0 42	22 11	0 7	10 48	1 54	5 5	0 40	12 48	0 35	6 20	17 14	3 4	2 30	5 22	13 5	0 22
T 7	22 32	16 53	4 14	16 34	2 44	8 24	2 25	12 28	0 44	22 11	0 7	10 47	1 54	5 5	0 40	12 48	0 35	6 20	17 14	3 0	2 29	5 23	13 7	0 23
W 8	22 39	18 7	4 43	16 38	2 43	8 41	2 28	12 31	0 46	22 12	0 7	10 46	1 54	5 5	0 40	12 48	0 35	6 20	17 13	2 55	2 27	5 25	13 10	0 23
T 9	22 45	18 28	5 0	16 46	2 41	8 59	2 31	12 35	0 48	22 13	0 7	10 44	1 54	5 4	0 40	12 47	0 35	6 19	17 13	2 50	2 26	5 27	13 12	0 23
F 10	22 51	17 51	5 0	16 56	2 38	9 17	2 34	12 38	0 50	22 14	0 7	10 43	1 54	5 4	0 40	12 47	0 35	6 19	17 13	2 45	2 25	5 29	13 14	0 24
S 11	22 57	16 17	4 45	17 9	2 34	9 35	2 37	12 42	0 51	22 15	0 7	10 42	1 54	5 4	0 39	12 46	0 35	6 19	17 12	2 41	2 24	5 30	13 16	0 24
S 12	23 2	13 49	4 14	17 24	2 29	9 53	2 40	12 46	0 53	22 16	0 7	10 41	1 53	5 4	0 39	12 46	0 35	6 19	17 12	2 38	2 22	5 32	13 18	0 24
M13	23 7	10 34	3 29	17 40	2 24	10 11	2 42	12 50	0 55	22 17	0 8	10 39	1 53	5 3	0 39	12 46	0 35	6 19	17 12	2 36	2 21	5 34	13 20	0 25
T 14	23 11	6 43	2 31	17 58	2 18	10 29	2 45	12 54	0 57	22 18	0 8	10 38	1 53	5 3	0 39	12 45	0 35	6 19	17 11	2 34	2 20	5 36	13 22	0 25
W15	23 14	2 27	1 23	18 17	2 11	10 47	2 47	12 59	0 58	22 19	0 8	10 36	1 53	5 3	0 39	12 45	0 35	6 19	17 11	2 34	2 19	5 37	13 24	0 25
T 16	23 18	1n59	0 10	18 36	2 4	11 5	2 49	13 4	1 0	22 20	0 8	10 35	1 53	5 3	0 39	12 44	0 35	6 19	17 11	2 34	2 17	5 39	13 26	0 26
F 17	23 20	6 23	1 s 5	18 56	1 57	11 24	2 50	13 9	1 1	22 21	0 8	10 34	1 53	5 3	0 39	12 44	0 35	6 19	17 10	2 34	2 16	5 41	13 28	0 26
S 18	23 23	10 26	2 16	19 16	1 50	11 42	2 52	13 14	1 3	22 23	0 8	10 32	1 53	5 3	0 39	12 44	0 35	6 19	17 10	2 33	2 15	5 43	13 30	0 26
S 19	23 25	13 54	3 19	19 37	1 42	12 1	2 53	13 19	1 4	22 24	0 9	10 30	1 52	5 3	0 39	12 43	0 35	6 18	17 10	2 31	2 14	5 44	13 31	0 27
M20	23 26	16 31	4 9	19 57	1 34	12 19	2 54	13 24	1 6	22 25	0 9	10 29	1 52	5 3	0 39	12 43	0 35	6 18	17 9	2 28	2 12	5 46	13 33	0 27
T 21	23 27	18 4	4 43	20 17	1 26	12 37	2 55	13 30	1 7	22 26	0 9	10 27	1 52	5 3	0 39	12 42	0 35	6 18	17 9	2 24	2 11	5 48	13 35	0 27
W22	23 27	18 28	4 59	20 37	1 18	12 56	2 56	13 36	1 9	22 27	0 9	10 26	1 52	5 3	0 39	12 42	0 35	6 18	17 9	2 19	2 10	5 50	13 37	0 28
T 23	23 27	17 45	4 57	20 56	1 10	13 14	2 57	13 41	1 10	22 28	0 9	10 24	1 52	5 3	0 39	12 41	0 35	6 18	17 8	2 14	2 9	5 51	13 39	0 28
F 24	23 27	16 2	4 38	21 15	1 2	13 32	2 58	13 47	1 11	22 29	0 9	10 22	1 52	5 3	0 39	12 41	0 35	6 18	17 8	2 9	2 7	5 53	13 40	0 28
S 25	23 26	13 31	4 4	21 34	0 54	13 50	2 58	13 54	1 12	22 30	0 9	10 21	1 52	5 3	0 39	12 40	0 35	6 17	17 8	2 5	2 6	5 55	13 42	0 29
S 26	23 24	10 24	3 19	21 51	0 46	14 8	2 58	14 0	1 13	22 31	0 10	10 19	1 52	5 3	0 39	12 40	0 35	6 17	17 7	2 2	2 5	5 56	13 44	0 29
M27	23 22	6 55	2 25	22 8	0 38	14 26	2 58	14 6	1 15	22 32	0 10	10 17	1 51	5 3	0 39	12 39	0 35	6 17	17 7	2 0	2 3	5 58	13 45	0 29
T 28	23 20	3 13	1 26	22 24	0 30	14 44	2 58	14 13	1 16	22 34	0 10	10 15	1 51	5 3	0 39	12 39	0 35	6 17	17 7	1 59	2 2	6 0	13 47	0 30
W29	23 17	0 s34	0 24	22 39	0 23	15 1	2 58	14 19	1 17	22 35	0 10	10 13	1 51	5 3	0 39	12 38	0 35	6 17	17 6	1 59	2 1	6 2	13 49	0 30
T 30	23 14	4 16	0n39	22 53	0 15	15 19	2 58	14 26	1 18	22 36	0 10	10 11	1 51	5 3	0 39	12 38	0 35	6 16	17 6	1 59	2 0	6 3	13 50	0 30
F 31	23 s10	7 s49	1n39	23 s 6	0n 7	15 s36	2n58	14n33	1n19	22n37	0n10	10 s 9	1 s51	5n 3	0 s39	12 s37	0 s35	6 s16	17 s 6	1 s59	1 s58	6 s 5	13 s52	0n31

Julian Day Number = 2395996.5, Delta T = 8.63 sec
Ecliptic obliquity = 23°27'23, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°37'00, Lahiri = 21°44'00