Astrodienst Ephemeris Tables

from the year 1850 for 50 years

tropical geocentric zodiac

contains Sun, Moon, Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto, True Node, Moon's Node, Lilith, Chiron

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris

Code D5EPX

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

ASTRODIENST EPHEMERIS for the year 1850
geocentric

JANUARY 1850 — 00:00 UT

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

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

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

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1850
geocentric

FEBRUARY 1850 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 43 23	11♒50'08	5♎12	24°R24	4♒31	18♊17	22°R 9	4♈ 6	22♈45	3♓40	26♈59	23♌46	24♌33	13♑29	8♐48	F 1
S 2	8 47 19	12°50'59	18°37	23♒52	5°46	18°23	22♍ 5	4°11	22°47	3°42	26°59	23°47	24°30	13°36	8°53	S 2
S 3	8 51 16	13°51'48	1♏38	23°10	7° 1	18°29	22° 0	4°17	22°48	3°44	27° 0	23°48	24°27	13°43	8°58	S 3
M 4	8 55 12	14°52'37	14°15	22°19	8°16	18°37	21°55	4°23	22°50	3°46	27° 0	23°R48	24°24	13°49	9° 2	M 4
T 5	8 59 9	15°53'25	26°34	21°21	9°32	18°45	21°50	4°28	22°52	3°48	27° 1	23°48	24°21	13°56	9° 7	T 5
W 6	9 3 6	16°54'12	8♐40	20°16	10°47	18°53	21°45	4°34	22°53	3°50	27° 1	23°47	24°18	14° 3	9°11	W 6
T 7	9 7 2	17°54'57	20°35	19° 7	12° 2	19° 3	21°39	4°40	22°55	3°53	27° 2	23°47	24°14	14° 9	9°15	T 7
F 8	9 10 59	18°55'42	2♑25	17°56	13°17	19°12	21°34	4°46	22°57	3°55	27° 3	23°46	24°11	14°16	9°20	F 8
S 9	9 14 55	19°56'26	14°14	16°45	14°33	19°23	21°28	4°52	22°59	3°57	27° 3	23°45	24° 8	14°23	9°24	S 9
S 10	9 18 52	20°57'08	26° 4	15°36	15°48	19°34	21°23	4°58	23° 1	3°59	27° 4	23°45	24° 5	14°29	9°28	S 10
M11	9 22 48	21°57'49	7♒58	14°30	17° 3	19°45	21°17	5° 4	23° 3	4° 2	27° 5	23°45	24° 2	14°36	9°32	M11
T 12	9 26 45	22°58'29	19°59	13°29	18°18	19°57	21°11	5°11	23° 5	4° 4	27° 5	23°45	23°58	14°43	9°36	T 12
W13	9 30 41	23°59'07	2♓ 8	12°33	19°33	20°10	21° 4	5°17	23° 7	4° 6	27° 6	23°45	23°55	14°49	9°39	W13
T 14	9 34 38	24°59'44	14°27	11°44	20°48	20°23	20°58	5°23	23° 9	4° 8	27° 7	23°45	23°52	14°56	9°43	T 14
F 15	9 38 35	26° 0'19	26°57	11° 3	22° 4	20°37	20°52	5°30	23°11	4°11	27° 7	23°44	23°49	15° 3	9°47	F 15
S 16	9 42 31	27° 0'53	9♈40	10°29	23°19	20°51	20°45	5°36	23°14	4°13	27° 8	23°44	23°46	15° 9	9°50	S 16
S 17	9 46 28	28° 1'25	22°37	10° 3	24°34	21° 6	20°38	5°42	23°16	4°15	27° 9	23°44	23°43	15°16	9°54	S 17
M18	9 50 24	29° 1'55	5♉50	9°44	25°49	21°21	20°32	5°49	23°18	4°17	27°10	23°43	23°39	15°23	9°57	M18
T 19	9 54 21	0♓ 2'23	19°19	9°33	27° 4	21°37	20°25	5°55	23°21	4°20	27°11	23°43	23°36	15°29	10° 0	T 19
W20	9 58 17	1° 2'49	3♊ 5	9°D29	28°19	21°53	20°18	6° 2	23°23	4°22	27°11	23°D43	23°33	15°36	10° 3	W20
T 21	10 2 14	2° 3'14	17° 9	9°32	29°34	22°10	20°11	6° 9	23°25	4°24	27°12	23°43	23°30	15°43	10° 6	T 21
F 22	10 6 10	3° 3'36	1♋29	9°42	0♓49	22°27	20° 4	6°15	23°28	4°26	27°13	23°43	23°27	15°49	10° 9	F 22
S 23	10 10 7	4° 3'57	16° 3	9°57	2° 4	22°44	19°56	6°22	23°30	4°29	27°14	23°44	23°23	15°56	10°12	S 23
S 24	10 14 4	5° 4'15	0♌46	10°18	3°19	23° 2	19°49	6°29	23°33	4°31	27°15	23°45	23°20	16° 3	10°15	S 24
M25	10 18 0	6° 4'32	15°33	10°45	4°34	23°20	19°42	6°36	23°35	4°33	27°16	23°46	23°17	16° 9	10°18	M25
T 26	10 21 57	7° 4'46	0♍16	11°16	5°49	23°39	19°34	6°43	23°38	4°36	27°17	23°R46	23°14	16°16	10°20	T 26
W27	10 25 53	8° 4'59	14°49	11°52	7° 4	23°58	19°27	6°50	23°40	4°38	27°18	23°45	23°11	16°23	10°23	W27
T 28	10 29 50	9♓ 5'10	29♍ 6	12♒33	8♓19	24♊17	19♍19	6♈57	23♈43	4♓40	27♈19	23♌44	23♌ 8	16♑29	10♐25	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	17s15	1n 9	3n30	11s 7	2n25	20s 3	0s55	26n 3	3n 8	4n25	1n24	0s28	2s17	8n20	0s34	10s50	0s43	5s19	16s50	13n36	13n21	19s24	17s57	3n53	F 1
S 2	16 58	3s18	4 20	11 3	2 41	19 46	0 57	26 3	3 7	4 27	1 25	0 26	2 17	8 20	0 34	10 49	0 43	5 19	16 49	13 36	13 22	19 24	17 57	3 53	S 2
S 3	16 41	7 27	4 54	11 2	2 55	19 29	0 59	26 2	3 6	4 29	1 25	0 23	2 17	8 21	0 34	10 49	0 43	5 18	16 49	13 36	13 23	19 24	17 58	3 54	S 3
M 4	16 23	11 8	5 13	11 7	3 9	19 11	1 1	26 2	3 5	4 31	1 25	0 21	2 17	8 22	0 34	10 48	0 43	5 18	16 49	13 36	13 24	19 24	17 58	3 54	M 4
T 5	16 5	14 16	5 17	11 15	3 20	18 53	1 2	26 2	3 4	4 33	1 25	0 19	2 17	8 22	0 34	10 47	0 43	5 17	16 48	13 36	13 25	19 24	17 58	3 55	T 5
W 6	15 47	16 43	5 7	11 26	3 29	18 34	1 4	26 2	3 3	4 35	1 26	0 16	2 16	8 23	0 34	10 46	0 43	5 17	16 48	13 36	13 26	19 24	17 58	3 55	W 6
T 7	15 28	18 25	4 43	11 41	3 36	18 15	1 5	26 2	3 2	4 38	1 26	0 14	2 16	8 24	0 34	10 45	0 43	5 16	16 48	13 36	13 27	19 24	17 58	3 56	T 7
F 8	15 10	19 18	4 8	11 58	3 40	17 55	1 7	26 1	3 1	4 40	1 26	0 11	2 16	8 25	0 34	10 45	0 43	5 16	16 47	13 37	13 28	19 24	17 58	3 56	F 8
S 9	14 51	19 20	3 22	12 17	3 42	17 34	1 8	26 1	3 0	4 42	1 26	0 9	2 16	8 25	0 34	10 44	0 43	5 15	16 47	13 37	13 29	19 24	17 58	3 57	S 9
S 10	14 31	18 32	2 28	12 38	3 42	17 13	1 10	26 1	2 59	4 45	1 27	0 6	2 16	8 26	0 34	10 43	0 43	5 15	16 47	13 37	13 30	19 24	17 58	3 58	S 10
M11	14 12	16 54	1 27	13 0	3 39	16 52	1 11	26 1	2 58	4 47	1 27	0 4	2 16	8 27	0 34	10 42	0 43	5 14	16 46	13 37	13 31	19 24	17 58	3 58	M11
T 12	13 52	14 30	0 21	13 22	3 35	16 30	1 13	26 1	2 57	4 50	1 27	0 1	2 16	8 28	0 34	10 41	0 43	5 14	16 46	13 37	13 32	19 24	17 58	3 59	T 12
W13	13 32	11 27	0s46	13 43	3 28	16 8	1 14	26 1	2 56	4 53	1 27	0n 2	2 15	8 28	0 33	10 41	0 43	5 13	16 46	13 37	13 33	19 24	17 58	3 59	W13
T 14	13 12	7 51	1 53	14 4	3 20	15 45	1 15	26 1	2 55	4 55	1 27	0 4	2 15	8 29	0 33	10 40	0 43	5 12	16 45	13 37	13 34	19 24	17 58	4 0	T 14
F 15	12 52	3 53	2 54	14 25	3 11	15 22	1 16	26 1	2 54	4 58	1 27	0 7	2 15	8 30	0 33	10 39	0 43	5 12	16 45	13 37	13 36	19 24	17 58	4 1	F 15
S 16	12 31	0n20	3 49	14 44	3 0	14 58	1 17	26 1	2 53	5 1	1 28	0 10	2 15	8 31	0 33	10 38	0 43	5 11	16 45	13 37	13 37	19 24	17 58	4 1	S 16
S 17	12 10	4 36	4 32	15 2	2 49	14 34	1 18	26 1	2 52	5 3	1 28	0 12	2 15	8 32	0 33	10 37	0 43	5 11	16 44	13 37	13 38	19 24	17 58	4 2	S 17
M18	11 49	8 43	5 2	15 18	2 37	14 10	1 19	26 1	2 51	5 6	1 28	0 15	2 15	8 33	0 33	10 36	0 43	5 10	16 44	13 37	13 39	19 24	17 58	4 2	M18
T 19	11 28	12 29	5 17	15 33	2 24	13 45	1 20	26 1	2 50	5 9	1 28	0 18	2 15	8 34	0 33	10 36	0 43	5 10	16 44	13 38	13 40	19 24	17 57	4 3	T 19
W20	11 7	15 40	5 13	15 47	2 11	13 20	1 21	26 1	2 49	5 12	1 28	0 20	2 15	8 34	0 33	10 35	0 43	5 9	16 43	13 38	13 41	19 24	17 57	4 4	W20
T 21	10 45	18 0	4 51	15 58	1 59	12 54	1 22	26 1	2 48	5 15	1 28	0 23	2 14	8 35	0 33	10 34	0 43	5 8	16 43	13 38	13 42	19 24	17 57	4 4	T 21
F 22	10 23	19 16	4 11	16 8	1 45	12 28	1 22	26 1	2 47	5 18	1 29	0 26	2 14	8 36	0 33	10 33	0 43	5 8	16 43	13 37	13 43	19 24	17 57	4 5	F 22
S 23	10 2	19 16	3 14	16 17	1 32	12 2	1 23	26 1	2 46	5 21	1 29	0 29	2 14	8 37	0 33	10 32	0 43	5 7	16 43	13 37	13 44	19 24	17 57	4 6	S 23
S 24	9 40	17 59	2 4	16 24	1 20	11 36	1 24	26 1	2 45	5 24	1 29	0 31	2 14	8 38	0 33	10 31	0 43	5 7	16 42	13 37	13 45	19 23	17 56	4 6	S 24
M25	9 17	15 28	0 45	16 29	1 7	11 9	1 24	26 1	2 44	5 27	1 29	0 34	2 14	8 39	0 33	10 31	0 43	5 6	16 42	13 37	13 46	19 23	17 56	4 7	M25
T 26	8 55	11 57	0n36	16 32	0 54	10 42	1 25	26 1	2 43	5 30	1 29	0 37	2 14	8 40	0 33	10 30	0 43	5 6	16 42	13 37	13 47	19 23	17 56	4 8	T 26
W27	8 33	7 44	1 54	16 34	0 42	10 14	1 25	26 1	2 42	5 33	1 29	0 40	2 14	8 41	0 33	10 29	0 43	5 5	16 41	13 37	13 48	19 23	17 56	4 8	W27
T 28	8s10	3n10	3n 3	16s34	0n30	9s46	1s25	26n 1	2n41	5n36	1n29	0n43	2s14	8n42	0s33	10s28	0s43	5s 4	16s41	13n37	13n49	19s23	17s55	4n 9	T 28

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

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ASTRODIENST EPHEMERIS for the year 1850
geocentric

MARCH 1850 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 33 46	10♓ 5'20	13♎ 1	13♒17	9♓34	24♊37	19°R12	7♈ 4	23♈46	4♓42	27♈20	23°R41	23♌ 4	16♑36	10♐27	F 1
S 2	10 37 43	11° 5'27	26°32	14° 4	10°49	24°57	19♍ 4	7°11	23°49	4°45	27°21	23♌39	23° 1	16°43	10°29	S 2
S 3	10 41 39	12° 5'33	9♏38	14°56	12° 4	25°18	18°56	7°18	23°51	4°47	27°22	23°37	22°58	16°49	10°31	S 3
M 4	10 45 36	13° 5'38	22°22	15°50	13°19	25°39	18°49	7°25	23°54	4°49	27°23	23°35	22°55	16°56	10°33	M 4
T 5	10 49 33	14° 5'41	4♐46	16°47	14°34	26° 0	18°41	7°32	23°57	4°51	27°24	23°33	22°52	17° 3	10°35	T 5
W 6	10 53 29	15° 5'42	16°54	17°47	15°49	26°21	18°33	7°39	24° 0	4°54	27°25	23°D33	22°49	17° 9	10°37	W 6
T 7	10 57 26	16° 5'42	28°50	18°50	17° 4	26°43	18°25	7°46	24° 2	4°56	27°26	23°34	22°45	17°16	10°39	T 7
F 8	11 1 22	17° 5'40	10♑40	19°55	18°19	27° 5	18°17	7°53	24° 5	4°58	27°27	23°35	22°42	17°23	10°40	F 8
S 9	11 5 19	18° 5'37	22°29	21° 3	19°34	27°28	18°10	8° 1	24° 8	5° 0	27°28	23°37	22°39	17°29	10°42	S 9
S 10	11 9 15	19° 5'32	4♒21	22°12	20°48	27°51	18° 2	8° 8	24°11	5° 3	27°29	23°38	22°36	17°36	10°43	S 10
M11	11 13 12	20° 5'25	16°19	23°24	22° 3	28°14	17°54	8°15	24°14	5° 5	27°30	23°40	22°33	17°43	10°44	M11
T 12	11 17 8	21° 5'16	28°28	24°37	23°18	28°37	17°46	8°22	24°17	5° 7	27°32	23°R40	22°29	17°49	10°45	T 12
W13	11 21 5	22° 5'05	10♓50	25°53	24°33	29° 1	17°38	8°30	24°20	5° 9	27°33	23°38	22°26	17°56	10°46	W13
T 14	11 25 1	23° 4'52	23°26	27°10	25°48	29°24	17°31	8°37	24°23	5°12	27°34	23°36	22°23	18° 3	10°47	T 14
F 15	11 28 58	24° 4'38	6♈17	28°29	27° 2	29°49	17°23	8°44	24°26	5°14	27°35	23°32	22°20	18°10	10°48	F 15
S 16	11 32 55	25° 4'21	19°23	29°50	28°17	0♋13	17°15	8°52	24°29	5°16	27°36	23°27	22°17	18°16	10°49	S 16
S 17	11 36 51	26° 4'02	2♉42	1♓12	29°32	0°38	17° 7	8°59	24°32	5°18	27°37	23°21	22°14	18°23	10°50	S 17
M18	11 40 48	27° 3'41	16°14	2°35	0♈47	1° 3	17° 0	9° 7	24°36	5°20	27°39	23°16	22°10	18°30	10°50	M18
T 19	11 44 44	28° 3'18	29°58	4° 1	2° 1	1°28	16°52	9°14	24°39	5°22	27°40	23°12	22° 7	18°36	10°50	T 19
W20	11 48 41	29° 2'52	13♊51	5°27	3°16	1°53	16°45	9°22	24°42	5°24	27°41	23° 9	22° 4	18°43	10°51	W20
T 21	11 52 37	0♈ 2'25	27°52	6°56	4°31	2°19	16°37	9°29	24°45	5°27	27°42	23°D 8	22° 1	18°50	10°51	T 21
F 22	11 56 34	1° 1'54	12♋ 1	8°25	5°45	2°45	16°30	9°36	24°48	5°29	27°44	23° 9	21°58	18°56	10°R51	F 22
S 23	12 0 30	2° 1'22	26°15	9°56	7° 0	3°11	16°23	9°44	24°52	5°31	27°45	23°10	21°55	19° 3	10°51	S 23
S 24	12 4 27	3° 0'47	10♌33	11°29	8°14	3°37	16°15	9°51	24°55	5°33	27°46	23°11	21°51	19°10	10°51	S 24
M25	12 8 24	4° 0'10	24°52	13° 2	9°29	4° 4	16° 8	9°59	24°58	5°35	27°47	23°R12	21°48	19°16	10°51	M25
T 26	12 12 20	4°59'31	9♍ 8	14°37	10°43	4°30	16° 1	10° 7	25° 1	5°37	27°49	23°11	21°45	19°23	10°50	T 26
W27	12 16 17	5°58'49	23°18	16°14	11°58	4°57	15°54	10°14	25° 5	5°39	27°50	23° 8	21°42	19°30	10°50	W27
T 28	12 20 13	6°58'05	7♎16	17°52	13°12	5°24	15°47	10°22	25° 8	5°41	27°51	23° 3	21°39	19°36	10°49	T 28
F 29	12 24 10	7°57'19	20°59	19°31	14°27	5°52	15°40	10°29	25°11	5°43	27°53	22°56	21°35	19°43	10°49	F 29
S 30	12 28 6	8°56'31	4♏24	21°12	15°41	6°19	15°34	10°37	25°15	5°45	27°54	22°48	21°32	19°50	10°48	S 30
S 31	12 32 3	9♈55'42	17♏28	22♓54	16♈56	6♋47	15♍27	10♈44	25♈18	5♓47	27♈55	22♌40	21♌29	19♑56	10♐47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	7s47	1s27	4n 0	16s33	0n19	9s18	1s26	26n 1	2n40	5n39	1n29	0n45	2s14	8n43	0s33	10s27	0s43	5s 4	16s41	13n38	13n50	19s23	17s55	4n 9	F 1
S 2	7 25	5 52	4 41	16 30	0 8	8 50	1 26	26 1	2 39	5 42	1 30	0 48	2 14	8 44	0 33	10 27	0 43	5 3	16 41	13 39	13 51	19 23	17 55	4 10	S 2
S 3	7 2	9 52	5 7	16 25	0s 3	8 22	1 26	26 1	2 38	5 45	1 30	0 51	2 14	8 45	0 33	10 26	0 43	5 3	16 40	13 40	13 52	19 23	17 54	4 11	S 3
M 4	6 39	13 17	5 16	16 19	0 14	7 53	1 26	26 0	2 37	5 48	1 30	0 54	2 13	8 46	0 33	10 25	0 43	5 2	16 40	13 40	13 53	19 23	17 54	4 11	M 4
T 5	6 16	16 1	5 10	16 12	0 24	7 24	1 26	26 0	2 37	5 52	1 30	0 57	2 13	8 47	0 33	10 24	0 43	5 2	16 40	13 41	13 54	19 23	17 54	4 12	T 5
W 6	5 53	18 0	4 50	16 3	0 34	6 55	1 26	26 0	2 36	5 55	1 30	1 0	2 13	8 48	0 33	10 23	0 43	5 1	16 40	13 41	13 55	19 22	17 53	4 13	W 6
T 7	5 29	19 9	4 18	15 52	0 43	6 26	1 26	26 0	2 35	5 58	1 30	1 3	2 13	8 49	0 33	10 22	0 43	5 0	16 39	13 41	13 56	19 22	17 53	4 13	T 7
F 8	5 6	19 27	3 35	15 40	0 52	5 56	1 26	25 59	2 34	6 1	1 30	1 6	2 13	8 50	0 33	10 22	0 43	5 0	16 39	13 40	13 57	19 22	17 52	4 14	F 8
S 9	4 43	18 54	2 43	15 27	1 1	5 27	1 26	25 59	2 33	6 4	1 30	1 8	2 13	8 52	0 33	10 21	0 43	4 59	16 39	13 40	13 58	19 22	17 52	4 15	S 9
S 10	4 19	17 30	1 44	15 12	1 9	4 57	1 25	25 58	2 32	6 7	1 30	1 11	2 13	8 53	0 33	10 20	0 43	4 59	16 39	13 39	14 0	19 22	17 51	4 15	S 10
M11	3 56	15 19	0 40	14 56	1 16	4 27	1 25	25 58	2 31	6 10	1 30	1 14	2 13	8 54	0 33	10 19	0 43	4 58	16 38	13 39	14 1	19 22	17 51	4 16	M11
T 12	3 32	12 26	0s26	14 38	1 24	3 57	1 24	25 57	2 30	6 13	1 30	1 17	2 13	8 55	0 33	10 18	0 43	4 57	16 38	13 39	14 2	19 22	17 50	4 17	T 12
W13	3 9	8 57	1 33	14 19	1 30	3 27	1 24	25 56	2 29	6 16	1 30	1 20	2 13	8 56	0 33	10 18	0 43	4 57	16 38	13 39	14 3	19 22	17 50	4 17	W13
T 14	2 45	5 0	2 36	13 59	1 37	2 57	1 23	25 55	2 28	6 19	1 30	1 23	2 13	8 57	0 33	10 17	0 43	4 56	16 38	13 40	14 4	19 21	17 49	4 18	T 14
F 15	2 21	0 45	3 32	13 37	1 43	2 27	1 23	25 55	2 27	6 22	1 30	1 26	2 13	8 58	0 33	10 16	0 43	4 56	16 38	13 41	14 5	19 21	17 49	4 19	F 15
S 16	1 58	3n36	4 19	13 14	1 49	1 56	1 22	25 54	2 26	6 25	1 30	1 29	2 13	8 59	0 33	10 15	0 43	4 55	16 37	13 43	14 6	19 21	17 48	4 19	S 16
S 17	1 34	7 51	4 52	12 50	1 54	1 26	1 21	25 53	2 25	6 28	1 30	1 32	2 13	9 1	0 33	10 15	0 43	4 54	16 37	13 45	14 7	19 21	17 48	4 20	S 17
M18	1 10	11 46	5 9	12 24	1 59	0 55	1 21	25 52	2 24	6 31	1 30	1 35	2 13	9 2	0 33	10 14	0 43	4 54	16 37	13 46	14 8	19 21	17 47	4 21	M18
T 19	0 46	15 7	5 10	11 57	2 3	0 25	1 20	25 50	2 24	6 34	1 30	1 38	2 13	9 3	0 33	10 13	0 43	4 53	16 37	13 48	14 9	19 21	17 47	4 21	T 19
W20	0 23	17 39	4 52	11 29	2 7	0n 6	1 19	25 49	2 23	6 37	1 30	1 41	2 13	9 4	0 33	10 12	0 43	4 53	16 37	13 49	14 10	19 20	17 46	4 22	W20
T 21	0n 1	19 10	4 17	10 59	2 10	0 36	1 18	25 48	2 22	6 40	1 30	1 44	2 13	9 5	0 33	10 11	0 43	4 52	16 36	13 49	14 11	19 20	17 45	4 23	T 21
F 22	0 25	19 30	3 25	10 29	2 13	1 7	1 17	25 47	2 21	6 43	1 30	1 47	2 13	9 6	0 33	10 11	0 43	4 51	16 36	13 49	14 12	19 20	17 45	4 23	F 22
S 23	0 48	18 36	2 21	9 57	2 16	1 37	1 16	25 45	2 20	6 46	1 30	1 50	2 13	9 8	0 33	10 10	0 43	4 51	16 36	13 48	14 13	19 20	17 44	4 24	S 23
S 24	1 12	16 31	1 8	9 23	2 18	2 8	1 15	25 44	2 19	6 49	1 30	1 53	2 13	9 9	0 33	10 9	0 43	4 50	16 36	13 48	14 14	19 20	17 43	4 24	S 24
M25	1 36	13 23	0n 9	8 49	2 19	2 38	1 13	25 42	2 18	6 51	1 30	1 56	2 13	9 10	0 33	10 8	0 43	4 50	16 36	13 48	14 15	19 20	17 43	4 25	M25
T 26	1 59	9 28	1 25	8 13	2 21	3 8	1 12	25 40	2 17	6 54	1 30	1 58	2 13	9 11	0 33	10 8	0 43	4 49	16 36	13 48	14 16	19 19	17 42	4 26	T 26
W27	2 23	5 3	2 36	7 36	2 21	3 39	1 11	25 38	2 17	6 57	1 30	2 1	2 13	9 13	0 33	10 7	0 43	4 49	16 36	13 49	14 17	19 19	17 41	4 26	W27
T 28	2 46	0 25	3 36	6 58	2 22	4 9	1 9	25 36	2 16	6 59	1 30	2 4	2 13	9 14	0 32	10 6	0 43	4 48	16 35	13 51	14 18	19 19	17 41	4 27	T 28
F 29	3 9	4s 9	4 22	6 19	2 21	4 39	1 8	25 34	2 15	7 2	1 30	2 7	2 13	9 15	0 32	10 6	0 43	4 47	16 35	13 53	14 19	19 19	17 40	4 28	F 29
S 30	3 33	8 24	4 52	5 39	2 21	5 9	1 7	25 32	2 14	7 5	1 30	2 10	2 13	9 16	0 32	10 5	0 43	4 47	16 35	13 56	14 20	19 19	17 39	4 28	S 30
S 31	3n56	12s 9	5n 7	4s57	2s20	5n39	1s 5	25n30	2n13	7n 7	1n30	2n13	2s13	9n17	0s32	10s 4	0s43	4s46	16s35	13n58	14n21	19s18	17s38	4n29	S 31

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

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ASTRODIENST EPHEMERIS for the year 1850
geocentric

APRIL 1850 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 35 59	10♈54'50	0♐12	24♓38	18♈10	7♋15	15°R21	10♈52	25♈21	5♓49	27♈57	22°R32	21♌26	20♎ 3	10°R46	M 1
T 2	12 39 56	11°53'57	12°37	26°22	19°24	7°43	15♍14	10°59	25°25	5°51	27°58	22♌27	21°23	20°10	10♐45	T 2
W 3	12 43 53	12°53'02	24°46	28° 9	20°39	8°11	15° 8	11° 7	25°28	5°53	27°59	22°23	21°20	20°16	10°44	W 3
T 4	12 47 49	13°52'05	6♎44	29°57	21°53	8°39	15° 2	11°14	25°31	5°55	28° 1	22°21	21°16	20°23	10°43	T 4
F 5	12 51 46	14°51'06	18°35	1♈46	23° 7	9° 8	14°56	11°22	25°35	5°57	28° 2	22°D20	21°13	20°30	10°42	F 5
S 6	12 55 42	15°50'06	0♒24	3°37	24°22	9°36	14°50	11°29	25°38	5°58	28° 3	22°21	21°10	20°36	10°40	S 6
S 7	12 59 39	16°49'03	12°17	5°29	25°36	10° 5	14°44	11°37	25°42	6° 0	28° 5	22°22	21° 7	20°43	10°39	S 7
M 8	13 3 35	17°47'59	24°19	7°22	26°50	10°34	14°39	11°44	25°45	6° 2	28° 6	22°R23	21° 4	20°49	10°37	M 8
T 9	13 7 32	18°46'53	6♓33	9°18	28° 4	11° 3	14°33	11°52	25°48	6° 4	28° 7	22°22	21° 0	20°56	10°36	T 9
W10	13 11 28	19°45'46	19° 5	11°14	29°19	11°32	14°28	11°59	25°52	6° 6	28° 9	22°18	20°57	21° 3	10°34	W10
T 11	13 15 25	20°44'36	1♈56	13°12	0♉33	12° 2	14°23	12° 7	25°55	6° 7	28°10	22°13	20°54	21° 9	10°32	T 11
F 12	13 19 21	21°43'25	15° 6	15°11	1°47	12°31	14°18	12°14	25°59	6° 9	28°12	22° 5	20°51	21°16	10°30	F 12
S 13	13 23 18	22°42'11	28°36	17°12	3° 1	13° 1	14°13	12°22	26° 2	6°11	28°13	21°55	20°48	21°23	10°28	S 13
S 14	13 27 15	23°40'56	12♉22	19°14	4°15	13°31	14° 8	12°29	26° 6	6°13	28°14	21°45	20°45	21°29	10°26	S 14
M15	13 31 11	24°39'38	26°20	21°18	5°29	14° 1	14° 4	12°37	26° 9	6°14	28°16	21°35	20°41	21°36	10°24	M15
T 16	13 35 8	25°38'19	10♊28	23°22	6°44	14°31	13°59	12°44	26°12	6°16	28°17	21°26	20°38	21°43	10°21	T 16
W17	13 39 4	26°36'57	24°39	25°28	7°58	15° 1	13°55	12°52	26°16	6°18	28°18	21°20	20°35	21°49	10°19	W17
T 18	13 43 1	27°35'33	8♋51	27°34	9°12	15°32	13°51	12°59	26°19	6°19	28°20	21°17	20°32	21°56	10°17	T 18
F 19	13 46 57	28°34'07	23° 1	29°41	10°26	16° 2	13°47	13° 6	26°23	6°21	28°21	21°D15	20°29	22° 3	10°14	F 19
S 20	13 50 54	29°32'39	7♌ 8	1♉49	11°40	16°33	13°43	13°14	26°26	6°22	28°23	21°15	20°26	22° 9	10°11	S 20
S 21	13 54 50	0♉31'08	21°10	3°57	12°54	17° 4	13°40	13°21	26°30	6°24	28°24	21°R15	20°22	22°16	10° 9	S 21
M22	13 58 47	1°29'35	5♍ 7	6° 5	14° 7	17°34	13°36	13°28	26°33	6°25	28°25	21°15	20°19	22°23	10° 6	M22
T 23	14 2 44	2°28'00	18°58	8°13	15°21	18° 5	13°33	13°36	26°36	6°27	28°27	21°12	20°16	22°29	10° 3	T 23
W24	14 6 40	3°26'23	2♎41	10°20	16°35	18°36	13°30	13°43	26°40	6°28	28°28	21° 7	20°13	22°36	10° 0	W24
T 25	14 10 37	4°24'44	16°15	12°27	17°49	19° 8	13°27	13°50	26°43	6°30	28°30	20°59	20°10	22°43	9°57	T 25
F 26	14 14 33	5°23'03	29°36	14°33	19° 3	19°39	13°25	13°57	26°47	6°31	28°31	20°48	20° 6	22°49	9°54	F 26
S 27	14 18 30	6°21'20	12♏44	16°37	20°17	20°10	13°22	14° 5	26°50	6°32	28°32	20°36	20° 3	22°56	9°51	S 27
S 28	14 22 26	7°19'36	25°36	18°39	21°30	20°42	13°20	14°12	26°54	6°34	28°34	20°23	20° 0	23° 3	9°48	S 28
M29	14 26 23	8°17'49	8♐13	20°40	22°44	21°13	13°18	14°19	26°57	6°35	28°35	20°12	19°57	23° 9	9°44	M29
T 30	14 30 19	9♉16'02	20♐33	22♉38	23♉58	21♋45	13♍16	14♈26	27♈ 0	6♓36	28♈36	20♌ 2	19♌54	23♎16	9♐41	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n19	15s14	5n 5	4s15	2s18	6n 9	1s 3	25n28	2n12	7n 9	1n30	2n16	2s13	9n19	0s32	10s 3	0s43	4s46	16s35	14n 1	14n22	19s18	17s38	4n30
T 2	4 42	17 33	4 49	3 31	2 16	6 39	1 2	25 25	2 12	7 12	1 29	2 19	2 13	9 20	0 32	10 3	0 43	4 45	16 35	14 3	14 23	19 18	17 37	4 30
W 3	5 6	19 1	4 21	2 46	2 13	7 8	1 0	25 23	2 11	7 14	1 29	2 22	2 13	9 21	0 32	10 2	0 43	4 45	16 35	14 4	14 24	19 18	17 36	4 31
T 4	5 28	19 37	3 41	2 0	2 10	7 38	0 58	25 20	2 10	7 16	1 29	2 25	2 13	9 22	0 32	10 1	0 43	4 44	16 35	14 4	14 25	19 17	17 35	4 32
F 5	5 51	19 20	2 52	1 14	2 6	8 7	0 57	25 17	2 9	7 19	1 29	2 28	2 13	9 24	0 32	10 1	0 43	4 44	16 34	14 5	14 26	19 17	17 34	4 32
S 6	6 14	18 12	1 56	0 26	2 2	8 36	0 55	25 14	2 8	7 21	1 29	2 31	2 13	9 25	0 32	10 0	0 44	4 43	16 34	14 4	14 27	19 17	17 34	4 33
S 7	6 37	16 16	0 54	0n23	1 57	9 5	0 53	25 11	2 7	7 23	1 29	2 34	2 13	9 26	0 32	9 59	0 44	4 42	16 34	14 4	14 28	19 17	17 33	4 33
M 8	6 59	13 35	0s10	1 13	1 52	9 34	0 51	25 8	2 7	7 25	1 29	2 37	2 13	9 27	0 32	9 59	0 44	4 42	16 34	14 4	14 29	19 17	17 32	4 34
T 9	7 22	10 17	1 15	2 3	1 46	10 2	0 49	25 5	2 6	7 27	1 29	2 39	2 13	9 29	0 32	9 58	0 44	4 41	16 34	14 4	14 30	19 16	17 31	4 35
W10	7 44	6 26	2 18	2 55	1 40	10 30	0 47	25 2	2 5	7 29	1 29	2 42	2 13	9 30	0 32	9 57	0 44	4 41	16 34	14 5	14 31	19 16	17 30	4 35
T 11	8 6	2 13	3 15	3 47	1 33	10 58	0 45	24 58	2 4	7 31	1 28	2 45	2 13	9 31	0 32	9 57	0 44	4 40	16 34	14 7	14 32	19 16	17 29	4 36
F 12	8 28	2n12	4 4	4 40	1 26	11 26	0 43	24 55	2 3	7 33	1 28	2 48	2 13	9 32	0 32	9 56	0 44	4 40	16 34	14 10	14 33	19 16	17 29	4 37
S 13	8 50	6 38	4 39	5 33	1 19	11 53	0 41	24 51	2 3	7 34	1 28	2 51	2 13	9 34	0 32	9 56	0 44	4 39	16 34	14 13	14 34	19 15	17 28	4 37
S 14	9 12	10 48	5 0	6 27	1 10	12 20	0 39	24 47	2 2	7 36	1 28	2 54	2 13	9 35	0 32	9 55	0 44	4 39	16 34	14 16	14 35	19 15	17 27	4 38
M15	9 34	14 26	5 3	7 21	1 2	12 47	0 37	24 44	2 1	7 38	1 28	2 57	2 13	9 36	0 32	9 54	0 44	4 38	16 34	14 19	14 36	19 15	17 26	4 38
T 16	9 55	17 17	4 47	8 16	0 53	13 14	0 34	24 40	2 0	7 39	1 28	3 0	2 13	9 37	0 32	9 54	0 44	4 38	16 34	14 22	14 37	19 14	17 25	4 39
W17	10 16	19 7	4 14	9 11	0 43	13 40	0 32	24 35	2 0	7 41	1 28	3 2	2 13	9 39	0 32	9 53	0 44	4 37	16 34	14 24	14 38	19 14	17 24	4 39
T 18	10 37	19 44	3 26	10 5	0 34	14 6	0 30	24 31	1 59	7 42	1 27	3 5	2 13	9 40	0 32	9 53	0 44	4 37	16 34	14 25	14 39	19 14	17 23	4 40
F 19	10 58	19 7	2 24	11 0	0 24	14 31	0 28	24 27	1 58	7 43	1 27	3 8	2 13	9 41	0 32	9 52	0 44	4 36	16 34	14 26	14 40	19 14	17 22	4 41
S 20	11 19	17 18	1 14	11 54	0 13	14 57	0 25	24 22	1 57	7 45	1 27	3 11	2 13	9 42	0 32	9 52	0 44	4 36	16 34	14 26	14 41	19 13	17 21	4 41
S 21	11 40	14 27	0 0	12 48	0 3	15 21	0 23	24 18	1 57	7 46	1 27	3 14	2 13	9 44	0 32	9 51	0 44	4 35	16 34	14 25	14 42	19 13	17 20	4 42
M22	12 0	10 46	1n13	13 41	0n 8	15 46	0 20	24 13	1 56	7 47	1 27	3 16	2 13	9 45	0 32	9 51	0 44	4 35	16 34	14 26	14 43	19 13	17 19	4 42
T 23	12 20	6 32	2 22	14 33	0 19	16 10	0 18	24 8	1 55	7 48	1 27	3 19	2 14	9 46	0 32	9 50	0 44	4 34	16 34	14 27	14 44	19 12	17 19	4 43
W24	12 40	2 0	3 21	15 24	0 29	16 33	0 16	24 3	1 54	7 49	1 26	3 22	2 14	9 47	0 32	9 50	0 44	4 34	16 34	14 28	14 45	19 12	17 18	4 43
T 25	13 0	2s34	4 8	16 13	0 40	16 57	0 13	23 58	1 54	7 50	1 26	3 24	2 14	9 49	0 32	9 49	0 44	4 34	16 34	14 31	14 46	19 12	17 17	4 44
F 26	13 20	6 57	4 41	17 1	0 51	17 19	0 11	23 53	1 53	7 51	1 26	3 27	2 14	9 50	0 32	9 49	0 44	4 33	16 34	14 34	14 47	19 12	17 16	4 44
S 27	13 39	10 56	4 58	17 48	1 1	17 42	0 8	23 47	1 52	7 52	1 26	3 30	2 14	9 51	0 32	9 48	0 44	4 33	16 34	14 38	14 48	19 11	17 15	4 45
S 28	13 58	14 19	5 0	18 32	1 11	18 4	0 6	23 42	1 51	7 52	1 26	3 33	2 14	9 52	0 32	9 48	0 44	4 32	16 34	14 42	14 49	19 11	17 14	4 45
M29	14 17	16 58	4 47	19 14	1 21	18 25	0 3	23 36	1 51	7 53	1 25	3 35	2 14	9 54	0 32	9 47	0 44	4 32	16 34	14 46	14 50	19 11	17 13	4 46
T 30	14n36	18s48	4n20	19n54	1n30	18n46	0s 1	23n30	1n50	7n54	1n25	3n38	2s14	9n55	0s32	9s47	0s44	4s31	16s34	14n49	14n51	19s10	17s12	4n46

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

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1850
geocentric

MAY 1850 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 34 16	10♉14'12	2♋40	24♉34	25♉12	22♋17	13°R14	14♈33	27♈ 4	6♓38	28♈38	19°R54	19♌51	23♋23	9°R38	W 1
T 2	14 38 13	11°12'21	14°37	26°27	26°25	22°49	13♍12	14°40	27° 7	6°39	28°39	19♌49	19°47	23°29	9♐34	T 2
F 3	14 42 9	12°10'29	26°27	28°17	27°39	23°21	13°11	14°47	27°10	6°40	28°41	19°47	19°44	23°36	9°31	F 3
S 4	14 46 6	13° 8'35	8♒16	0♊ 4	28°53	23°53	13°10	14°54	27°14	6°41	28°42	19°46	19°41	23°43	9°27	S 4
S 5	14 50 2	14° 6'40	20° 9	1°48	0♊ 6	24°25	13° 9	15° 1	27°17	6°42	28°43	19°46	19°38	23°49	9°23	S 5
M 6	14 53 59	15° 4'43	2♓11	3°28	1°20	24°57	13° 8	15° 8	27°20	6°43	28°45	19°45	19°35	23°56	9°20	M 6
T 7	14 57 55	16° 2'45	14°27	5° 4	2°33	25°30	13° 7	15°15	27°24	6°45	28°46	19°44	19°32	24° 3	9°16	T 7
W 8	15 1 52	17° 0'46	27° 3	6°38	3°47	26° 2	13° 7	15°22	27°27	6°46	28°47	19°40	19°28	24° 9	9°12	W 8
T 9	15 5 48	17°58'45	10♈ 2	8° 7	5° 1	26°34	13° 6	15°28	27°30	6°47	28°49	19°33	19°25	24°16	9° 8	T 9
F 10	15 9 45	18°56'42	23°25	9°33	6°14	27° 7	13°D 6	15°35	27°34	6°48	28°50	19°24	19°22	24°23	9° 4	F 10
S 11	15 13 42	19°54'39	7♉13	10°54	7°28	27°40	13° 6	15°42	27°37	6°49	28°51	19°13	19°19	24°29	9° 0	S 11
S 12	15 17 38	20°52'34	21°21	12°12	8°41	28°13	13° 7	15°49	27°40	6°50	28°53	19° 1	19°16	24°36	8°57	S 12
M13	15 21 35	21°50'27	5♊45	13°26	9°54	28°45	13° 7	15°55	27°43	6°50	28°54	18°50	19°12	24°43	8°52	M13
T 14	15 25 31	22°48'19	20°19	14°36	11° 8	29°18	13° 8	16° 2	27°47	6°51	28°55	18°40	19° 9	24°49	8°48	T 14
W15	15 29 28	23°46'10	4♋54	15°42	12°21	29°51	13° 8	16° 8	27°50	6°52	28°56	18°33	19° 6	24°56	8°44	W15
T 16	15 33 24	24°43'58	19°26	16°44	13°35	0♌25	13° 9	16°15	27°53	6°53	28°58	18°28	19° 3	25° 3	8°40	T 16
F 17	15 37 21	25°41'45	3♌49	17°41	14°48	0°58	13°10	16°21	27°56	6°54	28°59	18°26	19° 0	25° 9	8°36	F 17
S 18	15 41 17	26°39'31	18° 1	18°34	16° 1	1°31	13°12	16°28	27°59	6°55	29° 0	18°25	18°57	25°16	8°32	S 18
S 19	15 45 14	27°37'14	2♍ 0	19°23	17°15	2° 4	13°13	16°34	28° 2	6°55	29° 1	18°25	18°53	25°23	8°28	S 19
M20	15 49 11	28°34'56	15°47	20° 8	18°28	2°38	13°15	16°40	28° 5	6°56	29° 3	18°25	18°50	25°29	8°24	M20
T 21	15 53 7	29°32'37	29°21	20°48	19°41	3°11	13°17	16°46	28° 8	6°57	29° 4	18°22	18°47	25°36	8°19	T 21
W22	15 57 4	0♊30'15	12♎43	21°23	20°54	3°45	13°19	16°53	28°11	6°57	29° 5	18°16	18°44	25°43	8°15	W22
T 23	16 1 0	1°27'53	25°55	21°54	22° 7	4°18	13°21	16°59	28°14	6°58	29° 6	18° 8	18°41	25°49	8°11	T 23
F 24	16 4 57	2°25'28	8♏54	22°21	23°21	4°52	13°23	17° 5	28°17	6°58	29° 8	17°58	18°37	25°56	8° 7	F 24
S 25	16 8 53	3°23'03	21°41	22°42	24°34	5°26	13°26	17°11	28°20	6°59	29° 9	17°46	18°34	26° 3	8° 2	S 25
S 26	16 12 50	4°20'36	4♐17	22°59	25°47	5°59	13°29	17°17	28°23	6°59	29°10	17°33	18°31	26° 9	7°58	S 26
M27	16 16 46	5°18'09	16°40	23°11	27° 0	6°33	13°32	17°23	28°26	7° 0	29°11	17°22	18°28	26°16	7°54	M27
T 28	16 20 43	6°15'40	28°51	23°19	28°13	7° 7	13°35	17°29	28°29	7° 0	29°12	17°12	18°25	26°22	7°49	T 28
W29	16 24 40	7°13'10	10♋52	23°R21	29°26	7°41	13°38	17°34	28°32	7° 1	29°13	17° 4	18°22	26°29	7°45	W29
T 30	16 28 36	8°10'40	22°45	23°20	0♋39	8°15	13°41	17°40	28°35	7° 1	29°15	16°59	18°18	26°36	7°41	T 30
F 31	16 32 33	9♊ 8'08	4♒34	23♊13	1♋52	8♌49	13♍45	17♈46	28♈38	7♓ 1	29♈16	16♌56	18♌15	26♋42	7♐36	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14n54	19s44	3n42	20n31	1n39	19n 6	0n 2	23n25	1n49	7n54	1n25	3n41	2s14	9n56	0s32	9s46	0s44	4s31	16s34	14n51	14n52	19s10	17s11	4n47
T 2	15 12	19 45	2 55	21 7	1 47	19 26	0 4	23 19	1 49	7 55	1 25	3 43	2 14	9 57	0 32	9 46	0 44	4 31	16 34	14 53	14 53	19 10	17 10	4 47
F 3	15 30	18 55	2 0	21 39	1 55	19 46	0 7	23 12	1 48	7 55	1 25	3 46	2 15	9 58	0 32	9 45	0 44	4 30	16 34	14 54	14 54	19 9	17 9	4 48
S 4	15 48	17 14	1 1	22 9	2 2	20 4	0 9	23 6	1 47	7 55	1 24	3 48	2 15	10 0	0 32	9 45	0 44	4 30	16 34	14 54	14 55	19 9	17 8	4 48
S 5	16 5	14 49	0s 2	22 37	2 8	20 23	0 12	23 0	1 46	7 55	1 24	3 51	2 15	10 1	0 32	9 45	0 44	4 29	16 34	14 54	14 56	19 9	17 7	4 49
M 6	16 22	11 43	1 5	23 2	2 13	20 40	0 14	22 53	1 46	7 56	1 24	3 53	2 15	10 2	0 32	9 44	0 44	4 29	16 34	14 54	14 57	19 8	17 6	4 49
T 7	16 39	8 4	2 7	23 25	2 18	20 58	0 17	22 47	1 45	7 56	1 24	3 56	2 15	10 3	0 32	9 44	0 44	4 29	16 34	14 55	14 58	19 8	17 5	4 50
W 8	16 56	3 59	3 4	23 45	2 21	21 14	0 19	22 40	1 44	7 56	1 24	3 58	2 15	10 4	0 32	9 43	0 44	4 28	16 35	14 56	14 59	19 8	17 4	4 50
T 9	17 12	0n24	3 53	24 3	2 24	21 30	0 22	22 33	1 44	7 56	1 23	4 1	2 15	10 5	0 32	9 43	0 44	4 28	16 35	14 58	15 0	19 7	17 3	4 50
F 10	17 28	4 55	4 31	24 19	2 26	21 46	0 24	22 26	1 43	7 55	1 23	4 3	2 15	10 7	0 32	9 43	0 45	4 28	16 35	15 1	15 1	19 7	17 2	4 51
S 11	17 44	9 17	4 54	24 32	2 28	22 1	0 27	22 19	1 42	7 55	1 23	4 6	2 16	10 8	0 32	9 42	0 45	4 27	16 35	15 4	15 2	19 6	17 1	4 51
S 12	17 59	13 17	5 0	24 43	2 28	22 15	0 29	22 11	1 41	7 55	1 23	4 8	2 16	10 9	0 32	9 42	0 45	4 27	16 35	15 8	15 3	19 6	17 0	4 52
M13	18 14	16 33	4 48	24 52	2 27	22 29	0 32	22 4	1 41	7 55	1 23	4 11	2 16	10 10	0 32	9 42	0 45	4 27	16 35	15 11	15 4	19 6	16 59	4 52
T 14	18 29	18 50	4 17	24 59	2 26	22 42	0 34	21 57	1 40	7 54	1 22	4 13	2 16	10 11	0 32	9 42	0 45	4 26	16 35	15 15	15 5	19 5	16 58	4 52
W15	18 44	19 54	3 28	25 4	2 23	22 54	0 37	21 49	1 39	7 54	1 22	4 16	2 16	10 12	0 32	9 41	0 45	4 26	16 35	15 17	15 6	19 5	16 57	4 53
T 16	18 58	19 37	2 27	25 7	2 20	23 6	0 39	21 41	1 39	7 53	1 22	4 18	2 16	10 14	0 32	9 41	0 45	4 26	16 35	15 18	15 7	19 5	16 56	4 53
F 17	19 12	18 4	1 17	25 8	2 15	23 17	0 42	21 33	1 38	7 52	1 22	4 20	2 16	10 15	0 32	9 41	0 45	4 25	16 36	15 19	15 8	19 4	16 55	4 54
S 18	19 25	15 24	0 2	25 7	2 10	23 27	0 44	21 25	1 37	7 52	1 22	4 22	2 17	10 16	0 32	9 40	0 45	4 25	16 36	15 19	15 9	19 4	16 54	4 54
S 19	19 39	11 53	1n11	25 5	2 4	23 37	0 46	21 17	1 37	7 51	1 21	4 25	2 17	10 17	0 32	9 40	0 45	4 25	16 36	15 19	15 10	19 3	16 53	4 54
M20	19 52	7 45	2 19	25 1	1 56	23 46	0 49	21 9	1 36	7 50	1 21	4 27	2 17	10 18	0 32	9 40	0 45	4 25	16 36	15 19	15 11	19 3	16 52	4 55
T 21	20 4	3 18	3 19	24 56	1 48	23 54	0 51	21 0	1 35	7 49	1 21	4 29	2 17	10 19	0 32	9 40	0 45	4 24	16 36	15 20	15 12	19 3	16 51	4 55
W22	20 16	1s15	4 6	24 49	1 39	24 2	0 53	20 52	1 35	7 48	1 21	4 31	2 17	10 20	0 32	9 40	0 45	4 24	16 36	15 22	15 13	19 2	16 50	4 55
T 23	20 28	5 41	4 39	24 41	1 29	24 9	0 56	20 43	1 34	7 47	1 20	4 34	2 17	10 21	0 32	9 39	0 45	4 24	16 36	15 24	15 14	19 2	16 49	4 55
F 24	20 40	9 46	4 58	24 32	1 18	24 15	0 58	20 34	1 33	7 46	1 20	4 36	2 17	10 22	0 32	9 39	0 45	4 24	16 37	15 27	15 15	19 1	16 49	4 56
S 25	20 51	13 22	5 1	24 21	1 6	24 21	1 0	20 25	1 33	7 45	1 20	4 38	2 18	10 23	0 32	9 39	0 45	4 23	16 37	15 31	15 16	19 1	16 48	4 56
S 26	21 2	16 17	4 49	24 9	0 53	24 26	1 2	20 16	1 32	7 44	1 20	4 40	2 18	10 24	0 32	9 39	0 45	4 23	16 37	15 35	15 17	19 0	16 47	4 56
M27	21 12	18 25	4 23	23 56	0 40	24 30	1 4	20 7	1 31	7 42	1 20	4 42	2 18	10 25	0 32	9 39	0 45	4 23	16 37	15 39	15 18	19 0	16 46	4 56
T 28	21 22	19 41	3 46	23 42	0 25	24 33	1 6	19 58	1 31	7 41	1 19	4 44	2 18	10 26	0 32	9 39	0 45	4 23	16 37	15 42	15 19	19 0	16 45	4 57
W29	21 32	20 2	2 59	23 28	0 10	24 36	1 9	19 49	1 30	7 40	1 19	4 46	2 18	10 27	0 32	9 39	0 45	4 22	16 38	15 44	15 20	18 59	16 44	4 57
T 30	21 41	19 29	2 5	23 12	0s 5	24 38	1 11	19 39	1 29	7 38	1 19	4 48	2 19	10 28	0 32	9 38	0 45	4 22	16 38	15 45	15 21	18 59	16 43	4 57
F 31	21n50	18s 5	1n 5	22n55	0s22	24n39	1n13	19n30	1n29	7n36	1n19	4n50	2s19	10n29	0s32	9s38	0s45	4s22	16s38	15n46	15n22	18s58	16s42	4n57

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

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ASTRODIENST EPHEMERIS for the year 1850
geocentric

JUNE 1850 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 36 29	10♊ 5'36	16♒21	23°R 3	3♋ 5	9♌24	13♍49	17♈51	28♈40	7♓ 2	29♈17	16°D55	18♌12	26♑49	7°R32	S 1
S 2	16 40 26	11° 3'02	28°13	22♊48	4°18	9°58	13°53	17°57	28°43	7° 2	29°18	16♌56	18° 9	26°56	7♐28	S 2
M 3	16 44 22	12° 0'29	10♓15	22°30	5°30	10°32	13°57	18° 2	28°46	7° 2	29°19	16°R56	18° 6	27° 2	7°24	M 3
T 4	16 48 19	12°57'54	22°31	22° 8	6°43	11° 7	14° 1	18° 8	28°49	7° 2	29°20	16°56	18° 3	27° 9	7°19	T 4
W 5	16 52 15	13°55'19	5♈ 7	21°43	7°56	11°41	14° 5	18°13	28°51	7° 3	29°21	16°54	17°59	27°16	7°15	W 5
T 6	16 56 12	14°52'43	18° 6	21°15	9° 9	12°15	14°10	18°18	28°54	7° 3	29°22	16°49	17°56	27°22	7°11	T 6
F 7	17 0 9	15°50'07	1♉33	20°45	10°22	12°50	14°14	18°24	28°57	7° 3	29°23	16°43	17°53	27°29	7° 6	F 7
S 8	17 4 5	16°47'30	15°28	20°14	11°34	13°25	14°19	18°29	28°59	7° 3	29°24	16°35	17°50	27°36	7° 2	S 8
S 9	17 8 2	17°44'52	29°47	19°41	12°47	13°59	14°24	18°34	29° 2	7° 3	29°25	16°26	17°47	27°42	6°58	S 9
M10	17 11 58	18°42'14	14♊28	19° 7	14° 0	14°34	14°29	18°39	29° 4	7°R 3	29°26	16°17	17°43	27°49	6°54	M10
T 11	17 15 55	19°39'35	29°21	18°34	15°12	15° 9	14°35	18°44	29° 7	7° 3	29°27	16° 9	17°40	27°56	6°50	T 11
W12	17 19 51	20°36'56	14♋19	18° 0	16°25	15°44	14°40	18°49	29° 9	7° 3	29°28	16° 4	17°37	28° 2	6°46	W12
T 13	17 23 48	21°34'16	29°13	17°28	17°38	16°19	14°46	18°53	29°12	7° 3	29°29	16° 0	17°34	28° 9	6°42	T 13
F 14	17 27 44	22°31'34	13♌55	16°58	18°50	16°54	14°51	18°58	29°14	7° 3	29°30	15°D59	17°31	28°16	6°38	F 14
S 15	17 31 41	23°28'52	28°21	16°30	20° 3	17°29	14°57	19° 3	29°16	7° 2	29°31	16° 0	17°28	28°22	6°34	S 15
S 16	17 35 38	24°26'09	12♍27	16° 4	21°15	18° 4	15° 3	19° 7	29°19	7° 2	29°32	16° 1	17°24	28°29	6°30	S 16
M17	17 39 34	25°23'25	26°15	15°41	22°28	18°39	15°10	19°12	29°21	7° 2	29°32	16°R 1	17°21	28°36	6°26	M17
T 18	17 43 31	26°20'41	9♎43	15°22	23°40	19°14	15°16	19°16	29°23	7° 2	29°33	16° 0	17°18	28°42	6°22	T 18
W19	17 47 27	27°17'55	22°55	15° 6	24°53	19°49	15°22	19°20	29°25	7° 1	29°34	15°57	17°15	28°49	6°18	W19
T 20	17 51 24	28°15'09	5♏51	14°55	26° 5	20°25	15°29	19°25	29°27	7° 1	29°35	15°53	17°12	28°56	6°14	T 20
F 21	17 55 20	29°12'23	18°33	14°48	27°17	21° 0	15°36	19°29	29°29	7° 1	29°36	15°46	17° 9	29° 2	6°10	F 21
S 22	17 59 17	0♋ 9'36	1♐ 3	14°D45	28°29	21°35	15°42	19°33	29°32	7° 0	29°37	15°38	17° 5	29° 9	6° 7	S 22
S 23	18 3 13	1° 6'48	13°22	14°47	29°42	22°11	15°49	19°37	29°34	7° 0	29°37	15°30	17° 2	29°15	6° 3	S 23
M24	18 7 10	2° 4'00	25°31	14°53	0♌54	22°46	15°56	19°41	29°36	7° 0	29°38	15°23	16°59	29°22	5°59	M24
T 25	18 11 7	3° 1'12	7♑32	15° 5	2° 6	23°22	16° 4	19°45	29°38	6°59	29°39	15°16	16°56	29°29	5°56	T 25
W26	18 15 3	3°58'23	19°26	15°21	3°18	23°57	16°11	19°48	29°39	6°59	29°39	15°11	16°53	29°35	5°52	W26
T 27	18 19 0	4°55'34	1♒16	15°42	4°30	24°33	16°19	19°52	29°41	6°58	29°40	15° 9	16°49	29°42	5°49	T 27
F 28	18 22 56	5°52'46	13° 3	16° 8	5°42	25° 9	16°26	19°55	29°43	6°57	29°41	15°D 8	16°46	29°49	5°46	F 28
S 29	18 26 53	6°49'57	24°51	16°38	6°54	25°44	16°34	19°59	29°45	6°57	29°41	15° 8	16°43	29°55	5°42	S 29
S 30	18 30 49	7♋47'08	6♓44	17♊13	8♌ 6	26♌20	16♍42	20♈ 2	29♈47	6♓56	29♈42	15♌ 9	16♌40	0♒ 2	5♐39	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n59	15s54	0n 3	22n38	0s38	24n40	1n14	19n20	1n28	7n35	1n19	4n52	2s19	10n30	0s32	9s38	0s45	4s22	16s38	15n47	15n23	18s58	16s41	4n58
S 2	22 7	13 2	1s 0	22 20	0 55	24 40	1 16	19 10	1 28	7 33	1 18	4 54	2 19	10 31	0 32	9 38	0 45	4 22	16 38	15 46	15 24	18 57	16 40	4 58
M 3	22 15	9 36	2 1	22 2	1 13	24 39	1 18	19 0	1 27	7 31	1 18	4 56	2 19	10 32	0 32	9 38	0 45	4 22	16 39	15 46	15 25	18 57	16 40	4 58
T 4	22 22	5 42	2 58	21 44	1 30	24 37	1 20	18 50	1 26	7 30	1 18	4 58	2 20	10 33	0 32	9 38	0 45	4 21	16 39	15 46	15 26	18 56	16 39	4 58
W 5	22 29	1 28	3 48	21 25	1 47	24 35	1 22	18 40	1 26	7 28	1 18	5 0	2 20	10 34	0 32	9 38	0 45	4 21	16 39	15 47	15 27	18 56	16 38	4 58
T 6	22 36	2n59	4 28	21 6	2 4	24 32	1 23	18 30	1 25	7 26	1 18	5 2	2 20	10 35	0 32	9 38	0 45	4 21	16 39	15 48	15 28	18 55	16 37	4 58
F 7	22 42	7 25	4 55	20 47	2 21	24 28	1 25	18 19	1 24	7 24	1 17	5 3	2 20	10 36	0 32	9 38	0 46	4 21	16 39	15 50	15 29	18 55	16 36	4 59
S 8	22 48	11 37	5 5	20 29	2 37	24 23	1 27	18 9	1 24	7 22	1 17	5 5	2 20	10 37	0 33	9 38	0 46	4 21	16 40	15 53	15 30	18 54	16 35	4 59
S 9	22 53	15 17	4 57	20 11	2 53	24 18	1 28	17 58	1 23	7 20	1 17	5 7	2 21	10 38	0 33	9 38	0 46	4 21	16 40	15 55	15 31	18 54	16 35	4 59
M10	22 59	18 5	4 29	19 54	3 7	24 12	1 30	17 47	1 22	7 17	1 17	5 8	2 21	10 39	0 33	9 38	0 46	4 21	16 40	15 58	15 32	18 53	16 34	4 59
T 11	23 3	19 44	3 43	19 37	3 21	24 6	1 31	17 36	1 22	7 15	1 17	5 10	2 21	10 40	0 33	9 38	0 46	4 21	16 40	16 0	15 33	18 53	16 33	4 59
W12	23 7	20 1	2 42	19 22	3 34	23 58	1 32	17 25	1 21	7 13	1 16	5 12	2 21	10 40	0 33	9 38	0 46	4 21	16 41	16 2	15 34	18 53	16 32	4 59
T 13	23 11	18 53	1 29	19 8	3 45	23 50	1 34	17 14	1 21	7 11	1 16	5 13	2 21	10 41	0 33	9 38	0 46	4 20	16 41	16 3	15 35	18 52	16 32	4 59
F 14	23 15	16 29	0 11	18 55	3 55	23 42	1 35	17 3	1 20	7 8	1 16	5 15	2 22	10 42	0 33	9 38	0 46	4 20	16 41	16 3	15 36	18 52	16 31	4 59
S 15	23 18	13 5	1n 6	18 43	4 4	23 32	1 36	16 52	1 19	7 6	1 16	5 16	2 22	10 43	0 33	9 38	0 46	4 20	16 41	16 3	15 37	18 51	16 30	4 59
S 16	23 20	9 1	2 18	18 33	4 12	23 22	1 37	16 40	1 19	7 3	1 16	5 18	2 22	10 44	0 33	9 39	0 46	4 20	16 42	16 3	15 38	18 50	16 29	4 59
M17	23 23	4 33	3 19	18 25	4 18	23 12	1 38	16 29	1 18	7 1	1 15	5 19	2 22	10 44	0 33	9 39	0 46	4 20	16 42	16 3	15 39	18 50	16 29	4 59
T 18	23 24	0s 2	4 9	18 18	4 23	23 0	1 39	16 17	1 17	6 58	1 15	5 21	2 23	10 45	0 33	9 39	0 46	4 20	16 42	16 3	15 40	18 49	16 28	4 59
W19	23 26	4 31	4 44	18 13	4 26	22 49	1 40	16 6	1 17	6 55	1 15	5 22	2 23	10 46	0 33	9 39	0 46	4 20	16 43	16 4	15 41	18 49	16 27	4 59
T 20	23 27	8 42	5 3	18 10	4 28	22 36	1 41	15 54	1 16	6 53	1 15	5 24	2 23	10 47	0 33	9 39	0 46	4 20	16 43	16 5	15 42	18 48	16 27	4 59
F 21	23 27	12 25	5 8	18 8	4 29	22 23	1 42	15 42	1 16	6 50	1 15	5 25	2 23	10 47	0 33	9 39	0 46	4 20	16 43	16 7	15 43	18 48	16 26	4 59
S 22	23 27	15 32	4 57	18 9	4 28	22 9	1 42	15 30	1 15	6 47	1 15	5 26	2 24	10 48	0 33	9 39	0 46	4 20	16 43	16 10	15 43	18 47	16 26	4 59
S 23	23 27	17 54	4 33	18 11	4 26	21 54	1 43	15 18	1 14	6 44	1 14	5 28	2 24	10 49	0 33	9 40	0 46	4 20	16 44	16 12	15 44	18 47	16 25	4 59
M24	23 26	19 27	3 56	18 15	4 23	21 39	1 43	15 6	1 14	6 41	1 14	5 29	2 24	10 50	0 33	9 40	0 46	4 20	16 44	16 14	15 45	18 46	16 24	4 59
T 25	23 25	20 5	3 10	18 20	4 19	21 24	1 44	14 53	1 13	6 38	1 14	5 30	2 24	10 50	0 33	9 40	0 46	4 20	16 44	16 16	15 46	18 46	16 24	4 59
W26	23 24	19 49	2 15	18 27	4 13	21 7	1 44	14 41	1 12	6 35	1 14	5 31	2 24	10 51	0 33	9 40	0 46	4 20	16 45	16 18	15 47	18 45	16 23	4 59
T 27	23 22	18 41	1 15	18 35	4 7	20 50	1 44	14 29	1 12	6 32	1 14	5 32	2 25	10 52	0 33	9 40	0 46	4 20	16 45	16 18	15 48	18 45	16 23	4 59
F 28	23 20	16 44	0 11	18 45	4 0	20 33	1 45	14 16	1 11	6 29	1 13	5 33	2 25	10 52	0 33	9 41	0 46	4 20	16 45	16 19	15 49	18 44	16 22	4 59
S 29	23 17	14 5	0s53	18 56	3 52	20 15	1 45	14 3	1 11	6 26	1 13	5 35	2 25	10 53	0 33	9 41	0 46	4 21	16 45	16 19	15 50	18 43	16 22	4 59
S 30	23n14	10s50	1s55	19n 8	3s43	19n57	1n45	13n51	1n10	6n23	1n13	5n36	2s25	10n53	0s33	9s41	0s46	4s21	16s46	16n18	15n51	18s43	16s21	4n59

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

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ASTRODIENST EPHEMERIS for the year 1850
geocentric

JULY 1850 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 34 46	8♋44'20	18♓46	17♊53	9♌18	26♌56	16♍50	20♈ 6	29♈48	6°R56	29♈43	15♌11	16♌37	0♒ 9	5°R36	M 1
T 2	18 38 42	9°41'31	1♈ 2	18°38	10°30	27°32	16°58	20° 9	29°50	6♓55	29°43	15°12	16°34	0°15	5♐33	T 2
W 3	18 42 39	10°38'43	13°36	19°27	11°42	28° 8	17° 6	20°12	29°52	6°54	29°44	15°R12	16°30	0°22	5°30	W 3
T 4	18 46 36	11°35'55	26°33	20°21	12°54	28°44	17°14	20°15	29°53	6°53	29°44	15°11	16°27	0°29	5°27	T 4
F 5	18 50 32	12°33'07	9♉56	21°20	14° 6	29°20	17°23	20°18	29°55	6°53	29°45	15° 9	16°24	0°35	5°24	F 5
S 6	18 54 29	13°30'20	23°47	22°22	15°17	29°56	17°31	20°21	29°56	6°52	29°46	15° 6	16°21	0°42	5°21	S 6
S 7	18 58 25	14°27'34	8♊ 6	23°29	16°29	0♍32	17°40	20°23	29°58	6°51	29°46	15° 1	16°18	0°49	5°18	S 7
M 8	19 2 22	15°24'47	22°49	24°41	17°41	1° 8	17°49	20°26	29°59	6°50	29°47	14°57	16°15	0°55	5°16	M 8
T 9	19 6 18	16°22'01	7♋49	25°56	18°52	1°45	17°58	20°29	0♉ 0	6°49	29°47	14°53	16°11	1° 2	5°13	T 9
W10	19 10 15	17°19'15	22°58	27°16	20° 4	2°21	18° 7	20°31	0° 2	6°48	29°47	14°51	16° 8	1° 9	5°11	W10
T 11	19 14 12	18°16'30	8♌ 7	28°40	21°15	2°57	18°16	20°33	0° 3	6°48	29°48	14°D50	16° 5	1°15	5° 8	T 11
F 12	19 18 8	19°13'44	23° 6	0♌ 8	22°27	3°34	18°25	20°36	0° 4	6°47	29°48	14°50	16° 2	1°22	5° 6	F 12
S 13	19 22 5	20°10'59	7♍48	1°40	23°38	4°10	18°34	20°38	0° 5	6°46	29°49	14°51	15°59	1°29	5° 4	S 13
S 14	19 26 1	21° 8'14	22° 8	3°16	24°50	4°47	18°44	20°40	0° 7	6°45	29°49	14°52	15°55	1°35	5° 1	S 14
M15	19 29 58	22° 5'28	6♎ 4	4°55	26° 1	5°23	18°53	20°42	0° 8	6°44	29°49	14°53	15°52	1°42	4°59	M15
T 16	19 33 54	23° 2'43	19°36	6°39	27°12	6° 0	19° 3	20°44	0° 9	6°42	29°50	14°R54	15°49	1°48	4°57	T 16
W17	19 37 51	23°59'58	2♏46	8°25	28°23	6°36	19°12	20°46	0°10	6°41	29°50	14°54	15°46	1°55	4°55	W17
T 18	19 41 47	24°57'13	15°35	10°15	29°35	7°13	19°22	20°47	0°11	6°40	29°50	14°53	15°43	2° 2	4°54	T 18
F 19	19 45 44	25°54'29	28° 8	12° 7	0♍46	7°50	19°32	20°49	0°11	6°39	29°50	14°51	15°40	2° 8	4°52	F 19
S 20	19 49 41	26°51'44	10♐26	14° 3	1°57	8°27	19°42	20°50	0°12	6°38	29°51	14°48	15°36	2°15	4°50	S 20
S 21	19 53 37	27°49'01	22°33	16° 1	3° 8	9° 3	19°52	20°52	0°13	6°37	29°51	14°46	15°33	2°22	4°49	S 21
M22	19 57 34	28°46'17	4♑32	18° 1	4°19	9°40	20° 2	20°53	0°14	6°36	29°51	14°43	15°30	2°28	4°47	M22
T 23	20 1 30	29°43'34	16°25	20° 3	5°30	10°17	20°12	20°54	0°15	6°34	29°51	14°41	15°27	2°35	4°46	T 23
W24	20 5 27	0♌40'52	28°14	22° 6	6°40	10°54	20°22	20°55	0°15	6°33	29°51	14°40	15°24	2°42	4°44	W24
T 25	20 9 23	1°38'10	10♒ 2	24°11	7°51	11°31	20°33	20°56	0°16	6°32	29°52	14°D39	15°21	2°48	4°43	T 25
F 26	20 13 20	2°35'29	21°51	26°16	9° 2	12° 8	20°43	20°57	0°16	6°31	29°52	14°39	15°17	2°55	4°42	F 26
S 27	20 17 16	3°32'49	3♓43	28°22	10°12	12°45	20°54	20°58	0°17	6°29	29°52	14°40	15°14	3° 2	4°41	S 27
S 28	20 21 13	4°30'10	15°41	0♌29	11°23	13°22	21° 4	20°58	0°17	6°28	29°52	14°41	15°11	3° 8	4°40	S 28
M29	20 25 10	5°27'32	27°48	2°35	12°33	14° 0	21°15	20°59	0°18	6°27	29°52	14°42	15° 8	3°15	4°39	M29
T 30	20 29 6	6°24'54	10♈ 8	4°41	13°44	14°37	21°26	20°59	0°18	6°25	29°52	14°43	15° 5	3°22	4°38	T 30
W31	20 33 3	7♌22'18	22♈43	6♌46	14♍54	15♍14	21♍37	21♈ 0	0♉18	6♓24	29°R52	14♌43	15♌ 1	3♒28	4♐38	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n10	7s 6	2s53	19n21	3s34	19n37	1n45	13n38	1n 9	6n19	1n13	5n37	2s26	10n54	0s33	9s42	0s46	4s21	16s46	16n18	15n52	18s42	16s21	4n59
T 2	23 6	3 2	3 45	19 35	3 24	19 18	1 45	13 25	1 9	6 16	1 13	5 38	2 26	10 54	0 33	9 42	0 46	4 21	16 46	16 17	15 53	18 42	16 20	4 59
W 3	23 2	1n16	4 27	19 50	3 13	18 58	1 45	13 12	1 8	6 13	1 13	5 38	2 26	10 55	0 33	9 42	0 46	4 21	16 47	16 17	15 54	18 41	16 20	4 59
T 4	22 57	5 38	4 57	20 5	3 2	18 37	1 44	12 59	1 8	6 9	1 13	5 39	2 27	10 56	0 33	9 42	0 46	4 21	16 47	16 18	15 55	18 41	16 20	4 59
F 5	22 52	9 52	5 12	20 21	2 50	18 16	1 44	12 46	1 7	6 6	1 12	5 40	2 27	10 56	0 33	9 43	0 46	4 21	16 47	16 18	15 56	18 40	16 19	4 58
S 6	22 46	13 44	5 9	20 37	2 38	17 55	1 44	12 32	1 6	6 3	1 12	5 41	2 27	10 57	0 33	9 43	0 46	4 21	16 48	16 19	15 57	18 39	16 19	4 58
S 7	22 40	16 56	4 48	20 52	2 26	17 33	1 43	12 19	1 6	5 59	1 12	5 42	2 27	10 57	0 33	9 43	0 47	4 21	16 48	16 20	15 58	18 39	16 19	4 58
M 8	22 34	19 8	4 8	21 8	2 13	17 10	1 43	12 5	1 5	5 55	1 12	5 43	2 28	10 58	0 33	9 44	0 47	4 21	16 48	16 22	15 59	18 38	16 18	4 58
T 9	22 27	20 4	3 9	21 24	2 0	16 47	1 42	11 52	1 4	5 52	1 12	5 43	2 28	10 58	0 33	9 44	0 47	4 22	16 49	16 23	16 0	18 38	16 18	4 58
W10	22 20	19 34	1 57	21 39	1 47	16 24	1 41	11 38	1 4	5 48	1 12	5 44	2 28	10 58	0 33	9 44	0 47	4 22	16 49	16 24	16 1	18 37	16 18	4 58
T 11	22 13	17 39	0 37	21 54	1 33	16 0	1 40	11 25	1 3	5 44	1 11	5 45	2 28	10 59	0 33	9 45	0 47	4 22	16 49	16 24	16 2	18 36	16 17	4 58
F 12	22 5	14 33	0n45	22 7	1 20	15 36	1 39	11 11	1 3	5 41	1 11	5 45	2 29	10 59	0 33	9 45	0 47	4 22	16 50	16 24	16 3	18 36	16 17	4 57
S 13	21 56	10 33	2 3	22 20	1 7	15 12	1 38	10 57	1 2	5 37	1 11	5 46	2 29	11 0	0 33	9 46	0 47	4 22	16 50	16 24	16 4	18 35	16 17	4 57
S 14	21 48	6 3	3 11	22 31	0 54	14 47	1 37	10 43	1 1	5 33	1 11	5 46	2 29	11 0	0 33	9 46	0 47	4 23	16 50	16 23	16 4	18 35	16 17	4 57
M15	21 39	1 21	4 6	22 41	0 40	14 22	1 36	10 29	1 1	5 29	1 11	5 47	2 29	11 0	0 33	9 46	0 47	4 23	16 51	16 23	16 5	18 34	16 16	4 57
T 16	21 29	3s16	4 45	22 50	0 28	13 56	1 35	10 15	1 0	5 25	1 11	5 47	2 30	11 1	0 33	9 47	0 47	4 23	16 51	16 23	16 6	18 33	16 16	4 57
W17	21 19	7 36	5 9	22 56	0 15	13 30	1 33	10 1	1 0	5 22	1 11	5 48	2 30	11 1	0 33	9 47	0 47	4 23	16 51	16 23	16 7	18 33	16 16	4 57
T 18	21 9	11 29	5 16	23 1	0 3	13 4	1 32	9 47	0 59	5 18	1 10	5 48	2 30	11 1	0 33	9 48	0 47	4 23	16 52	16 23	16 8	18 32	16 16	4 56
F 19	20 59	14 46	5 7	23 3	0n 9	12 37	1 30	9 33	0 58	5 14	1 10	5 48	2 31	11 2	0 33	9 48	0 47	4 24	16 52	16 24	16 9	18 31	16 16	4 56
S 20	20 48	17 20	4 45	23 3	0 20	12 10	1 29	9 18	0 58	5 10	1 10	5 49	2 31	11 2	0 33	9 49	0 47	4 24	16 52	16 24	16 10	18 31	16 16	4 56
S 21	20 37	19 5	4 10	23 1	0 31	11 43	1 27	9 4	0 57	5 5	1 10	5 49	2 31	11 2	0 33	9 49	0 47	4 24	16 53	16 25	16 11	18 30	16 16	4 56
M22	20 25	19 59	3 24	22 56	0 42	11 16	1 25	8 49	0 57	5 1	1 10	5 49	2 31	11 2	0 33	9 50	0 47	4 24	16 53	16 26	16 12	18 29	16 16	4 55
T 23	20 13	19 58	2 30	22 48	0 51	10 48	1 24	8 35	0 56	4 57	1 10	5 49	2 32	11 3	0 33	9 50	0 47	4 25	16 53	16 26	16 13	18 29	16 16	4 55
W24	20 1	19 4	1 30	22 38	1 0	10 20	1 22	8 20	0 55	4 53	1 10	5 49	2 32	11 3	0 33	9 50	0 47	4 25	16 54	16 27	16 14	18 28	16 16	4 55
T 25	19 49	17 20	0 26	22 25	1 8	9 52	1 20	8 6	0 55	4 49	1 10	5 49	2 32	11 3	0 33	9 51	0 47	4 25	16 54	16 27	16 15	18 27	16 16	4 55
F 26	19 36	14 52	0s40	22 9	1 15	9 23	1 17	7 51	0 54	4 45	1 10	5 50	2 33	11 3	0 33	9 51	0 47	4 25	16 54	16 27	16 16	18 27	16 16	4 55
S 27	19 23	11 46	1 44	21 50	1 22	8 54	1 15	7 36	0 54	4 40	1 9	5 50	2 33	11 3	0 33	9 52	0 47	4 26	16 55	16 27	16 17	18 26	16 16	4 54
S 28	19 9	8 10	2 44	21 30	1 28	8 26	1 13	7 21	0 53	4 36	1 9	5 50	2 33	11 4	0 33	9 52	0 47	4 26	16 55	16 26	16 18	18 25	16 16	4 54
M29	18 55	4 12	3 37	21 6	1 33	7 56	1 11	7 7	0 52	4 32	1 9	5 49	2 33	11 4	0 33	9 53	0 47	4 26	16 55	16 26	16 19	18 25	16 16	4 54
T 30	18 41	0 0	4 22	20 40	1 37	7 27	1 8	6 52	0 52	4 27	1 9	5 49	2 34	11 4	0 34	9 54	0 47	4 27	16 56	16 26	16 20	18 24	16 16	4 54
W31	18n27	4n17	4s55	20n13	1n40	6n58	1n 6	6n37	0n51	4n23	1n 9	5n49	2s34	11n 4	0s34	9s54	0s47	4s27	16s56	16n26	16n20	18s23	16s16	4n53

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

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ASTRODIENST EPHEMERIS for the year 1850
geocentric

AUGUST 1850 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 36 59	8♌19'43	5♉39	8♌51	16♍ 4	15♍52	21♍48	21♈ 0	0♉19	6°R23	29°R52	14°R43	14♌58	3♒35	4°R37	T 1
F 2	20 40 56	9°17'09	18°57	10°55	17°15	16°29	21°59	21° 0	0°19	6♓21	29♈52	14♌43	14°55	3°41	4♐37	F 2
S 3	20 44 52	10°14'37	2♊40	12°58	18°25	17° 6	22°10	21°R 0	0°19	6°20	29°52	14°43	14°52	3°48	4°36	S 3
S 4	20 48 49	11°12'06	16°48	15° 0	19°35	17°44	22°21	21° 0	0°19	6°18	29°52	14°43	14°49	3°55	4°36	S 4
M 5	20 52 45	12° 9'36	1♋21	17° 0	20°45	18°21	22°32	21° 0	0°19	6°17	29°52	14°42	14°46	4° 1	4°36	M 5
T 6	20 56 42	13° 7'08	16°13	18°59	21°55	18°59	22°43	21° 0	0°R19	6°15	29°51	14°42	14°42	4° 8	4°D36	T 6
W 7	21 0 39	14° 4'40	1♌19	20°57	23° 5	19°37	22°55	20°59	0°19	6°14	29°51	14°42	14°39	4°15	4°36	W 7
T 8	21 4 35	15° 2'14	16°29	22°53	24°15	20°14	23° 6	20°59	0°19	6°12	29°51	14°42	14°36	4°21	4°36	T 8
F 9	21 8 32	15°59'49	1♍34	24°48	25°24	20°52	23°17	20°58	0°19	6°11	29°51	14°42	14°33	4°28	4°36	F 9
S 10	21 12 28	16°57'25	16°26	26°42	26°34	21°30	23°29	20°58	0°19	6° 9	29°51	14°42	14°30	4°35	4°36	S 10
S 11	21 16 25	17°55'01	0♎58	28°34	27°44	22° 8	23°40	20°57	0°19	6° 8	29°51	14°42	14°27	4°41	4°37	S 11
M12	21 20 21	18°52'39	15° 4	0♍24	28°53	22°46	23°52	20°56	0°18	6° 6	29°50	14°41	14°23	4°48	4°37	M12
T 13	21 24 18	19°50'18	28°44	2°13	0♎ 2	23°24	24° 4	20°55	0°18	6° 5	29°50	14°41	14°20	4°55	4°38	T 13
W14	21 28 14	20°47'58	11♏58	4° 0	1°12	24° 2	24°16	20°54	0°17	6° 3	29°50	14°41	14°17	5° 1	4°39	W14
T 15	21 32 11	21°45'39	24°48	5°46	2°21	24°40	24°27	20°52	0°17	6° 2	29°49	14°D40	14°14	5° 8	4°39	T 15
F 16	21 36 7	22°43'20	7♐18	7°31	3°30	25°18	24°39	20°51	0°17	6° 0	29°49	14°41	14°11	5°15	4°40	F 16
S 17	21 40 4	23°41'03	19°31	9°14	4°39	25°56	24°51	20°50	0°16	5°58	29°49	14°41	14° 7	5°21	4°41	S 17
S 18	21 44 1	24°38'47	1♑32	10°56	5°48	26°34	25° 3	20°48	0°15	5°57	29°48	14°42	14° 4	5°28	4°42	S 18
M19	21 47 57	25°36'33	13°25	12°36	6°57	27°12	25°15	20°47	0°15	5°55	29°48	14°43	14° 1	5°34	4°44	M19
T 20	21 51 54	26°34'19	25°14	14°15	8° 6	27°50	25°27	20°45	0°14	5°54	29°48	14°44	13°58	5°41	4°45	T 20
W21	21 55 50	27°32'07	7♒ 1	15°52	9°14	28°29	25°39	20°43	0°13	5°52	29°47	14°45	13°55	5°48	4°46	W21
T 22	21 59 47	28°29'56	18°51	17°28	10°23	29° 7	25°51	20°41	0°13	5°50	29°47	14°R45	13°52	5°54	4°48	T 22
F 23	22 3 43	29°27'47	0♓45	19° 3	11°31	29°45	26° 4	20°39	0°12	5°49	29°46	14°44	13°48	6° 1	4°49	F 23
S 24	22 7 40	0♍25'39	12°45	20°36	12°39	0♎24	26°16	20°37	0°11	5°47	29°46	14°43	13°45	6° 8	4°51	S 24
S 25	22 11 36	1°23'32	24°53	22° 8	13°48	1° 2	26°28	20°35	0°10	5°45	29°45	14°41	13°42	6°14	4°53	S 25
M26	22 15 33	2°21'27	7♈12	23°39	14°56	1°41	26°40	20°33	0° 9	5°44	29°45	14°38	13°39	6°21	4°54	M26
T 27	22 19 30	3°19'24	19°42	25° 8	16° 4	2°19	26°53	20°30	0° 8	5°42	29°44	14°36	13°36	6°28	4°56	T 27
W28	22 23 26	4°17'23	2♉26	26°36	17°11	2°58	27° 5	20°28	0° 7	5°40	29°44	14°33	13°32	6°34	4°58	W28
T 29	22 27 23	5°15'23	15°26	28° 3	18°19	3°37	27°17	20°25	0° 6	5°39	29°43	14°31	13°29	6°41	5° 1	T 29
F 30	22 31 19	6°13'26	28°44	29°28	19°27	4°16	27°30	20°23	0° 5	5°37	29°42	14°30	13°26	6°48	5° 3	F 30
S 31	22 35 16	7♍11'30	12♊20	0♎51	20♎34	4♎54	27♍42	20♈20	0♉ 4	5♓36	29♈42	14°D30	13♌23	6♒54	5♐ 5	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n12	8n28	5s14	19n43	1n43	6n28	1n 3	6n22	0n51	4n19	1n 9	5n49	2s34	11n 4	0s34	9s55	0s47	4s27	16s56	16n26	16n21	18s23	16s16	4n53
F 2	17 57	12 23	5 17	19 11	1 45	5 58	1 0	6 6	0 50	4 14	1 9	5 49	2 34	11 4	0 34	9 55	0 47	4 28	16 57	16 26	16 22	18 22	16 17	4 53
S 3	17 41	15 46	5 2	18 38	1 46	5 28	0 58	5 51	0 50	4 10	1 9	5 49	2 35	11 4	0 34	9 56	0 47	4 28	16 57	16 26	16 23	18 21	16 17	4 53
S 4	17 26	18 20	4 29	18 3	1 46	4 58	0 55	5 36	0 49	4 5	1 9	5 48	2 35	11 4	0 34	9 56	0 47	4 28	16 57	16 26	16 24	18 20	16 17	4 52
M 5	17 10	19 48	3 39	17 26	1 46	4 28	0 52	5 21	0 48	4 1	1 8	5 48	2 35	11 4	0 34	9 57	0 47	4 29	16 58	16 26	16 25	18 20	16 17	4 52
T 6	16 53	19 57	2 32	16 48	1 45	3 57	0 49	5 6	0 48	3 56	1 8	5 48	2 36	11 4	0 34	9 57	0 47	4 29	16 58	16 26	16 26	18 19	16 18	4 52
W 7	16 37	18 41	1 14	16 10	1 44	3 27	0 46	4 50	0 47	3 52	1 8	5 47	2 36	11 4	0 34	9 58	0 47	4 29	16 58	16 26	16 27	18 18	16 18	4 51
T 8	16 20	16 4	0n10	15 30	1 42	2 56	0 43	4 35	0 47	3 47	1 8	5 47	2 36	11 4	0 34	9 58	0 47	4 30	16 59	16 26	16 28	18 18	16 18	4 51
F 9	16 3	12 22	1 32	14 49	1 39	2 26	0 39	4 20	0 46	3 42	1 8	5 46	2 36	11 4	0 34	9 59	0 47	4 30	16 59	16 26	16 29	18 17	16 18	4 51
S 10	15 46	7 56	2 48	14 8	1 36	1 55	0 36	4 4	0 45	3 38	1 8	5 46	2 37	11 4	0 34	10 0	0 47	4 30	16 59	16 26	16 30	18 16	16 19	4 51
S 11	15 28	3 8	3 50	13 25	1 32	1 24	0 33	3 49	0 45	3 33	1 8	5 45	2 37	11 4	0 34	10 0	0 47	4 31	17 0	16 26	16 31	18 15	16 19	4 50
M12	15 11	1s41	4 36	12 43	1 28	0 54	0 29	3 33	0 44	3 28	1 8	5 45	2 37	11 4	0 34	10 1	0 47	4 31	17 0	16 26	16 32	18 15	16 19	4 50
T 13	14 53	6 16	5 6	12 0	1 24	0 23	0 26	3 18	0 44	3 24	1 8	5 44	2 37	11 3	0 34	10 1	0 47	4 32	17 0	16 26	16 33	18 14	16 20	4 50
W14	14 34	10 24	5 17	11 16	1 19	0s 8	0 22	3 2	0 43	3 19	1 8	5 43	2 38	11 3	0 34	10 2	0 47	4 32	17 1	16 27	16 33	18 13	16 20	4 49
T 15	14 16	13 55	5 13	10 32	1 13	0 39	0 19	2 46	0 42	3 14	1 8	5 43	2 38	11 3	0 34	10 3	0 48	4 32	17 1	16 27	16 34	18 12	16 21	4 49
F 16	13 57	16 43	4 53	9 48	1 8	1 10	0 15	2 31	0 42	3 10	1 8	5 42	2 38	11 3	0 34	10 3	0 48	4 33	17 1	16 27	16 35	18 12	16 21	4 49
S 17	13 38	18 42	4 21	9 4	1 2	1 41	0 11	2 15	0 41	3 5	1 7	5 41	2 39	11 3	0 34	10 4	0 48	4 33	17 2	16 26	16 36	18 11	16 22	4 49
S 18	13 19	19 49	3 38	8 20	0 56	2 12	0 7	1 59	0 41	3 0	1 7	5 40	2 39	11 2	0 34	10 4	0 48	4 34	17 2	16 26	16 37	18 10	16 22	4 48
M19	13 0	20 2	2 45	7 36	0 49	2 42	0 4	1 43	0 40	2 55	1 7	5 40	2 39	11 2	0 34	10 5	0 48	4 34	17 2	16 26	16 38	18 9	16 23	4 48
T 20	12 40	19 22	1 46	6 51	0 42	3 13	0s 0	1 28	0 39	2 50	1 7	5 39	2 39	11 2	0 34	10 6	0 48	4 34	17 2	16 25	16 39	18 9	16 23	4 48
W21	12 20	17 50	0 43	6 7	0 35	3 44	0 4	1 12	0 39	2 45	1 7	5 38	2 40	11 2	0 34	10 6	0 48	4 35	17 3	16 25	16 40	18 8	16 24	4 47
T 22	12 0	15 33	0s23	5 23	0 28	4 14	0 8	0 56	0 38	2 41	1 7	5 37	2 40	11 1	0 34	10 7	0 48	4 35	17 3	16 25	16 41	18 7	16 24	4 47
F 23	11 40	12 35	1 27	4 39	0 20	4 45	0 13	0 40	0 38	2 36	1 7	5 36	2 40	11 1	0 34	10 7	0 48	4 36	17 3	16 25	16 42	18 6	16 25	4 47
S 24	11 20	9 4	2 29	3 55	0 13	5 16	0 17	0 24	0 37	2 31	1 7	5 35	2 40	11 1	0 34	10 8	0 48	4 36	17 4	16 26	16 43	18 5	16 25	4 47
S 25	10 59	5 9	3 24	3 12	0 5	5 46	0 21	0 9	0 36	2 26	1 7	5 34	2 41	11 1	0 34	10 9	0 48	4 37	17 4	16 26	16 44	18 5	16 26	4 46
M26	10 39	0 59	4 11	2 29	0s 3	6 16	0 25	0s 7	0 36	2 21	1 7	5 33	2 41	11 0	0 34	10 9	0 48	4 37	17 4	16 27	16 44	18 4	16 26	4 46
T 27	10 18	3n17	4 46	1 46	0 11	6 46	0 29	0 23	0 35	2 16	1 7	5 32	2 41	11 0	0 34	10 10	0 48	4 37	17 5	16 28	16 45	18 3	16 27	4 46
W28	9 57	7 30	5 8	1 3	0 19	7 17	0 34	0 39	0 35	2 11	1 7	5 31	2 41	10 59	0 34	10 11	0 48	4 38	17 5	16 29	16 46	18 2	16 28	4 45
T 29	9 35	11 27	5 15	0 21	0 28	7 46	0 38	0 55	0 34	2 6	1 7	5 29	2 41	10 59	0 34	10 11	0 48	4 38	17 5	16 29	16 47	18 1	16 28	4 45
F 30	9 14	14 55	5 6	0s20	0 36	8 16	0 43	1 11	0 33	2 1	1 7	5 28	2 42	10 59	0 34	10 12	0 48	4 39	17 5	16 30	16 48	18 1	16 29	4 45
S 31	8n53	17n41	4s39	1s 1	0s45	8s46	0s47	1s27	0n33	1n56	1n 7	5n27	2s42	10n58	0s34	10s12	0s48	4s39	17s 6	16n30	16n49	18s 0	16s30	4n44

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

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ASTRODIENST EPHEMERIS for the year 1850
geocentric

SEPTEMBER 1850 — 00:00 UT

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

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

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

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1850
geocentric

OCTOBER 1850 — 00:00 UT

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

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

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

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ASTRODIENST EPHEMERIS for the year 1850
geocentric

NOVEMBER 1850 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 39 42	8♏14'12	28♍ 3	22♎17	21♐48	16♏40	10♎55	15°R57	27°R55	4°R19	28°R41	10°R35	10♌ 6	13♒46	9♐58	F 1
S 2	2 43 39	9°14'20	12♎ 9	23°48	22°31	17°23	11° 7	15♈53	27♈52	4♓18	28♈40	10♌27	10° 3	13°53	10° 5	S 2
S 3	2 47 35	10°14'30	26° 6	25°21	23°12	18° 5	11°19	15°49	27°50	4°18	28°39	10°15	10° 0	13°59	10°11	S 3
M 4	2 51 32	11°14'41	9♏50	26°54	23°52	18°47	11°31	15°45	27°48	4°17	28°37	10° 3	9°56	14° 6	10°18	M 4
T 5	2 55 28	12°14'55	23°19	28°29	24°32	19°29	11°43	15°41	27°45	4°17	28°36	9°49	9°53	14°13	10°25	T 5
W 6	2 59 25	13°15'10	6♐28	0♏ 4	25° 9	20°11	11°55	15°37	27°43	4°17	28°35	9°37	9°50	14°19	10°31	W 6
T 7	3 3 21	14°15'27	19°17	1°40	25°46	20°54	12° 7	15°33	27°40	4°16	28°34	9°27	9°47	14°26	10°38	T 7
F 8	3 7 18	15°15'46	1♑47	3°16	26°21	21°36	12°19	15°29	27°38	4°16	28°33	9°19	9°44	14°33	10°45	F 8
S 9	3 11 14	16°16'06	14° 0	4°53	26°55	22°19	12°31	15°25	27°36	4°16	28°32	9°15	9°40	14°39	10°52	S 9
S 10	3 15 11	17°16'27	25°59	6°29	27°28	23° 1	12°43	15°22	27°34	4°16	28°31	9°13	9°37	14°46	10°58	S 10
M11	3 19 8	18°16'50	7♒50	8° 6	27°59	23°44	12°55	15°18	27°31	4°15	28°30	9°D12	9°34	14°53	11° 5	M11
T 12	3 23 4	19°17'15	19°37	9°43	28°29	24°26	13° 6	15°15	27°29	4°15	28°29	9°R12	9°31	14°59	11°12	T 12
W13	3 27 1	20°17'40	1♓27	11°20	28°57	25° 9	13°18	15°11	27°27	4°15	28°28	9°12	9°28	15° 6	11°19	W13
T 14	3 30 57	21°18'07	13°25	12°56	29°23	25°52	13°29	15° 8	27°25	4°15	28°27	9°10	9°25	15°13	11°26	T 14
F 15	3 34 54	22°18'36	25°36	14°33	29°48	26°35	13°41	15° 4	27°22	4°15	28°26	9° 5	9°21	15°19	11°33	F 15
S 16	3 38 50	23°19'05	8♈ 3	16° 9	0♑10	27°17	13°52	15° 1	27°20	4°D15	28°25	8°58	9°18	15°26	11°40	S 16
S 17	3 42 47	24°19'36	20°51	17°45	0°31	28° 0	14° 4	14°58	27°18	4°15	28°24	8°49	9°15	15°32	11°47	S 17
M18	3 46 43	25°20'09	4♉ 1	19°21	0°50	28°43	14°15	14°55	27°16	4°15	28°23	8°37	9°12	15°39	11°54	M18
T 19	3 50 40	26°20'42	17°31	20°57	1° 7	29°26	14°26	14°52	27°14	4°15	28°22	8°25	9° 9	15°46	12° 1	T 19
W20	3 54 37	27°21'18	1♊20	22°32	1°22	0♐ 9	14°37	14°49	27°12	4°15	28°21	8°13	9° 6	15°52	12° 8	W20
T 21	3 58 33	28°21'55	15°24	24° 8	1°35	0°52	14°48	14°46	27°10	4°15	28°20	8° 3	9° 2	15°59	12°15	T 21
F 22	4 2 30	29°22'33	29°37	25°43	1°46	1°35	14°59	14°44	27° 8	4°16	28°19	7°55	8°59	16° 6	12°22	F 22
S 23	4 6 26	0♐23'13	13♋54	27°18	1°54	2°19	15°10	14°41	27° 6	4°16	28°18	7°50	8°56	16°12	12°29	S 23
S 24	4 10 23	1°23'54	28°12	28°53	2° 1	3° 2	15°21	14°39	27° 4	4°16	28°17	7°48	8°53	16°19	12°36	S 24
M25	4 14 19	2°24'37	12♌26	0♐28	2° 4	3°45	15°32	14°36	27° 2	4°16	28°16	7°D48	8°50	16°26	12°43	M25
T 26	4 18 16	3°25'22	26°36	2° 2	2°R 6	4°29	15°42	14°34	27° 0	4°17	28°15	7°R48	8°46	16°32	12°50	T 26
W27	4 22 13	4°26'08	10♍38	3°37	2° 5	5°12	15°53	14°32	26°59	4°17	28°14	7°48	8°43	16°39	12°58	W27
T 28	4 26 9	5°26'56	24°34	5°11	2° 2	5°55	16° 4	14°30	26°57	4°18	28°13	7°47	8°40	16°46	13° 5	T 28
F 29	4 30 6	6°27'45	8♎23	6°46	1°56	6°39	16°14	14°28	26°55	4°18	28°12	7°43	8°37	16°52	13°12	F 29
S 30	4 34 2	7♐28'35	22♎ 3	8♐20	1♑48	7♐23	16♎24	14♈26	26♈53	4♓18	28♈12	7♌36	8♌34	16♒59	13♐19	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s16	4n10	3n42	6s48	2n 2	27s49	4s37	16s54	0s 4	3s17	1n 8	3n44	2s46	10n12	0s34	10s40	0s47	5s 6	17s13	17n36	17n44	17s 1	17s28	4n33
S 2	14 35	0s44	4 25	7 24	1 59	27 52	4 37	17 7	0 5	3 22	1 8	3 42	2 46	10 11	0 34	10 40	0 47	5 7	17 13	17 38	17 45	17 0	17 29	4 33
S 3	14 54	5 33	4 51	8 2	1 55	27 54	4 38	17 19	0 6	3 26	1 8	3 41	2 45	10 11	0 34	10 41	0 47	5 7	17 13	17 41	17 45	16 59	17 30	4 33
M 4	15 13	10 1	5 0	8 40	1 51	27 56	4 37	17 31	0 6	3 31	1 8	3 40	2 45	10 10	0 34	10 41	0 47	5 7	17 13	17 45	17 46	16 58	17 31	4 32
T 5	15 31	13 54	4 52	9 18	1 46	27 57	4 37	17 43	0 7	3 36	1 8	3 38	2 45	10 9	0 34	10 41	0 47	5 7	17 12	17 48	17 47	16 57	17 32	4 32
W 6	15 50	17 0	4 28	9 56	1 41	27 58	4 36	17 55	0 7	3 40	1 8	3 37	2 45	10 8	0 34	10 41	0 47	5 8	17 12	17 51	17 48	16 56	17 33	4 32
T 7	16 8	19 11	3 52	10 34	1 35	27 58	4 35	18 7	0 8	3 45	1 8	3 35	2 45	10 7	0 34	10 41	0 47	5 8	17 12	17 54	17 49	16 55	17 34	4 32
F 8	16 25	20 22	3 4	11 12	1 30	27 58	4 34	18 19	0 9	3 49	1 9	3 34	2 45	10 6	0 34	10 41	0 47	5 8	17 12	17 56	17 50	16 54	17 35	4 32
S 9	16 43	20 35	2 9	11 50	1 24	27 58	4 32	18 31	0 9	3 54	1 9	3 33	2 45	10 6	0 34	10 41	0 47	5 9	17 12	17 57	17 50	16 53	17 36	4 32
S 10	17 0	19 50	1 10	12 28	1 18	27 56	4 31	18 42	0 10	3 58	1 9	3 32	2 44	10 5	0 34	10 41	0 47	5 9	17 12	17 58	17 51	16 52	17 37	4 32
M11	17 17	18 12	0 7	13 6	1 11	27 55	4 28	18 53	0 10	4 3	1 9	3 30	2 44	10 4	0 34	10 41	0 47	5 9	17 12	17 58	17 52	16 50	17 37	4 32
T 12	17 34	15 49	0s55	13 42	1 5	27 53	4 26	19 4	0 11	4 7	1 9	3 29	2 44	10 3	0 34	10 41	0 47	5 9	17 12	17 58	17 53	16 49	17 38	4 32
W13	17 50	12 46	1 55	14 19	0 58	27 50	4 23	19 15	0 12	4 12	1 9	3 28	2 44	10 2	0 34	10 41	0 47	5 9	17 11	17 58	17 54	16 48	17 39	4 32
T 14	18 6	9 9	2 51	14 55	0 52	27 47	4 20	19 26	0 12	4 16	1 9	3 27	2 44	10 2	0 34	10 41	0 47	5 10	17 11	17 59	17 55	16 47	17 40	4 32
F 15	18 22	5 7	3 40	15 30	0 45	27 44	4 16	19 37	0 13	4 20	1 9	3 26	2 43	10 1	0 34	10 41	0 47	5 10	17 11	18 0	17 56	16 46	17 41	4 32
S 16	18 37	0 47	4 20	16 4	0 38	27 40	4 12	19 47	0 13	4 25	1 9	3 25	2 43	10 0	0 34	10 41	0 47	5 10	17 11	18 2	17 56	16 45	17 42	4 32
S 17	18 52	3n42	4 47	16 38	0 31	27 35	4 8	19 57	0 14	4 29	1 10	3 24	2 43	9 59	0 34	10 41	0 47	5 10	17 11	18 4	17 57	16 44	17 43	4 32
M18	19 7	8 9	5 1	17 11	0 25	27 30	4 3	20 8	0 15	4 33	1 10	3 23	2 43	9 59	0 34	10 41	0 47	5 10	17 11	18 7	17 58	16 43	17 44	4 33
T 19	19 21	12 18	4 58	17 43	0 18	27 25	3 58	20 18	0 15	4 37	1 10	3 22	2 43	9 58	0 34	10 41	0 47	5 11	17 10	18 10	17 59	16 41	17 45	4 33
W20	19 35	15 54	4 38	18 15	0 11	27 19	3 52	20 27	0 16	4 42	1 10	3 21	2 42	9 57	0 34	10 41	0 47	5 11	17 10	18 13	18 0	16 40	17 45	4 33
T 21	19 49	18 40	4 1	18 45	0 4	27 13	3 46	20 37	0 16	4 46	1 10	3 20	2 42	9 57	0 34	10 41	0 47	5 11	17 10	18 16	18 1	16 39	17 46	4 33
F 22	20 2	20 19	3 8	19 15	0s 3	27 6	3 39	20 46	0 17	4 50	1 10	3 19	2 42	9 56	0 34	10 41	0 47	5 11	17 10	18 18	18 1	16 38	17 47	4 33
S 23	20 15	20 41	2 4	19 43	0 9	26 59	3 32	20 56	0 18	4 54	1 10	3 18	2 42	9 55	0 34	10 41	0 47	5 11	17 10	18 19	18 2	16 37	17 48	4 33
S 24	20 27	19 42	0 51	20 11	0 16	26 51	3 25	21 5	0 18	4 58	1 10	3 18	2 42	9 55	0 34	10 41	0 47	5 11	17 9	18 20	18 3	16 36	17 49	4 33
M25	20 40	17 29	0n25	20 38	0 23	26 43	3 17	21 13	0 19	5 2	1 11	3 17	2 41	9 54	0 34	10 41	0 47	5 11	17 9	18 20	18 4	16 35	17 50	4 33
T 26	20 51	14 12	1 39	21 4	0 29	26 35	3 8	21 22	0 19	5 6	1 11	3 16	2 41	9 53	0 34	10 41	0 47	5 11	17 9	18 20	18 5	16 33	17 50	4 33
W27	21 3	10 8	2 46	21 28	0 36	26 25	2 59	21 31	0 20	5 10	1 11	3 15	2 41	9 53	0 34	10 41	0 47	5 12	17 9	18 20	18 6	16 32	17 51	4 33
T 28	21 14	5 34	3 43	21 52	0 42	26 16	2 49	21 39	0 21	5 14	1 11	3 15	2 41	9 52	0 34	10 40	0 47	5 12	17 9	18 20	18 6	16 31	17 52	4 33
F 29	21 24	0 45	4 26	22 15	0 48	26 6	2 39	21 47	0 21	5 18	1 11	3 14	2 40	9 51	0 34	10 40	0 47	5 12	17 8	18 21	18 7	16 30	17 53	4 33
S 30	21s34	4s 3	4n54	22s36	0s54	25s55	2s29	21s55	0s22	5s21	1n11	3n14	2s40	9n51	0s34	10s40	0s47	5s12	17s 8	18n23	18n 8	16s29	17s53	4n33

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

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ASTRODIENST EPHEMERIS for the year 1850
geocentric

DECEMBER 1850 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 37 59	8♐29'27	5♏34	9♐54	1°R37	8♐ 6	16♎34	14°R24	26°R52	4♓19	28°R11	7°R27	8♌31	17♒ 6	13♐26	S 1
M 2	4 41 55	9°30'21	18°53	11°28	1♑24	8°50	16°45	14♈22	26♈50	4°19	28♈10	7♌17	8°27	17°12	13°33	M 2
T 3	4 45 52	10°31'15	1♐58	13° 2	1° 9	9°34	16°55	14°20	26°49	4°20	28° 9	7° 6	8°24	17°19	13°40	T 3
W 4	4 49 48	11°32'11	14°50	14°36	0°51	10°17	17° 5	14°19	26°47	4°21	28° 8	6°56	8°21	17°25	13°48	W 4
T 5	4 53 45	12°33'08	27°26	16°11	0°30	11° 1	17°14	14°18	26°45	4°21	28° 8	6°47	8°18	17°32	13°55	T 5
F 6	4 57 42	13°34'05	9♑47	17°45	0° 8	11°45	17°24	14°16	26°44	4°22	28° 7	6°41	8°15	17°39	14° 2	F 6
S 7	5 1 38	14°35'04	21°55	19°19	29♐43	12°29	17°34	14°15	26°43	4°23	28° 6	6°38	8°12	17°45	14° 9	S 7
S 8	5 5 35	15°36'03	3♒52	20°53	29°17	13°13	17°43	14°14	26°41	4°23	28° 5	6°D36	8° 8	17°52	14°16	S 8
M 9	5 9 31	16°37'03	15°41	22°27	28°48	13°57	17°53	14°13	26°40	4°24	28° 5	6°37	8° 5	17°59	14°24	M 9
T 10	5 13 28	17°38'03	27°28	24° 2	28°18	14°41	18° 2	14°12	26°39	4°25	28° 4	6°38	8° 2	18° 5	14°31	T 10
W11	5 17 24	18°39'04	9♓17	25°36	27°46	15°25	18°11	14°11	26°37	4°26	28° 3	6°39	7°59	18°12	14°38	W11
T 12	5 21 21	19°40'06	21°13	27°10	27°13	16° 9	18°20	14°11	26°36	4°27	28° 3	6°R40	7°56	18°19	14°45	T 12
F 13	5 25 17	20°41'08	3♈22	28°45	26°38	16°54	18°29	14°10	26°35	4°28	28° 2	6°39	7°52	18°25	14°52	F 13
S 14	5 29 14	21°42'10	15°49	0♑19	26° 3	17°38	18°38	14°10	26°34	4°29	28° 1	6°36	7°49	18°32	14°59	S 14
S 15	5 33 11	22°43'13	28°38	1°54	25°27	18°22	18°47	14° 9	26°33	4°30	28° 1	6°31	7°46	18°39	15° 6	S 15
M16	5 37 7	23°44'17	11♉51	3°28	24°51	19° 7	18°56	14° 9	26°32	4°31	28° 0	6°24	7°43	18°45	15°13	M16
T 17	5 41 4	24°45'20	25°30	5° 3	24°14	19°51	19° 4	14°D 9	26°31	4°32	28° 0	6°17	7°40	18°52	15°21	T 17
W18	5 45 0	25°46'25	9♊33	6°38	23°37	20°35	19°13	14° 9	26°30	4°33	27°59	6°10	7°37	18°59	15°28	W18
T 19	5 48 57	26°47'29	23°56	8°12	23° 1	21°20	19°21	14° 9	26°29	4°34	27°59	6° 4	7°33	19° 5	15°35	T 19
F 20	5 52 53	27°48'35	8♋34	9°47	22°26	22° 4	19°29	14° 9	26°28	4°35	27°58	6° 0	7°30	19°12	15°42	F 20
S 21	5 56 50	28°49'40	23°19	11°21	21°51	22°49	19°37	14°10	26°27	4°36	27°58	5°57	7°27	19°18	15°49	S 21
S 22	6 0 46	29°50'47	8♌ 4	12°56	21°17	23°34	19°45	14°10	26°27	4°37	27°57	5°D57	7°24	19°25	15°56	S 22
M23	6 4 43	0♑51'54	22°42	14°30	20°45	24°18	19°53	14°11	26°26	4°38	27°57	5°58	7°21	19°32	16° 3	M23
T 24	6 8 40	1°53'01	7♍ 9	16° 3	20°14	25° 3	20° 0	14°12	26°25	4°40	27°56	5°59	7°18	19°38	16°10	T 24
W25	6 12 36	2°54'09	21°22	17°36	19°45	25°48	20° 8	14°12	26°25	4°41	27°56	6° 0	7°14	19°45	16°17	W25
T 26	6 16 33	3°55'18	5♎18	19° 9	19°18	26°33	20°15	14°13	26°24	4°42	27°55	6°R 1	7°11	19°52	16°24	T 26
F 27	6 20 29	4°56'27	18°59	20°41	18°52	27°18	20°22	14°14	26°24	4°44	27°55	6° 0	7° 8	19°58	16°31	F 27
S 28	6 24 26	5°57'36	2♏24	22°12	18°29	28° 2	20°30	14°15	26°23	4°45	27°55	5°58	7° 5	20° 5	16°37	S 28
S 29	6 28 22	6°58'46	15°34	23°41	18° 9	28°47	20°36	14°17	26°23	4°46	27°54	5°54	7° 2	20°12	16°44	S 29
M30	6 32 19	7°59'57	28°30	25°10	17°50	29°32	20°43	14°18	26°22	4°48	27°54	5°50	6°58	20°18	16°51	M30
T 31	6 36 15	9♑ 1'08	11♐14	26♑36	17♐34	0♑18	20♎50	14♈19	26♈22	4♓49	27♈54	5♌45	6♌55	20♒25	16♐58	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s44	8s36	5n 4	22s57	1s 0	25s44	2s17	22s 3	0s22	5s25	1n11	3n13	2s40	9n50	0s34	10s40	0s47	5s12	17s 8	18n25	18n 9	16s27	17s54	4n34
M 2	21 54	12 40	4 58	23 16	1 6	25 33	2 6	22 10	0 23	5 29	1 12	3 13	2 40	9 50	0 34	10 40	0 47	5 12	17 8	18 28	18 10	16 26	17 55	4 34
T 3	22 2	16 3	4 37	23 34	1 12	25 21	1 54	22 17	0 23	5 33	1 12	3 12	2 39	9 49	0 34	10 39	0 47	5 12	17 7	18 31	18 11	16 25	17 56	4 34
W 4	22 11	18 36	4 1	23 51	1 17	25 8	1 41	22 24	0 24	5 36	1 12	3 12	2 39	9 49	0 34	10 39	0 47	5 12	17 7	18 33	18 11	16 24	17 56	4 34
T 5	22 19	20 11	3 15	24 6	1 22	24 55	1 28	22 31	0 25	5 40	1 12	3 12	2 39	9 48	0 34	10 39	0 47	5 12	17 7	18 35	18 12	16 23	17 57	4 34
F 6	22 27	20 47	2 19	24 21	1 27	24 41	1 14	22 38	0 25	5 43	1 12	3 12	2 39	9 48	0 34	10 39	0 47	5 12	17 7	18 37	18 13	16 21	17 58	4 34
S 7	22 34	20 23	1 18	24 34	1 32	24 27	1 0	22 44	0 26	5 47	1 12	3 11	2 38	9 47	0 34	10 38	0 47	5 12	17 6	18 38	18 14	16 20	17 58	4 34
S 8	22 41	19 4	0 15	24 45	1 37	24 13	0 46	22 50	0 26	5 50	1 13	3 11	2 38	9 47	0 34	10 38	0 47	5 12	17 6	18 38	18 15	16 19	17 59	4 35
M 9	22 47	16 55	0s49	24 56	1 41	23 58	0 31	22 56	0 27	5 54	1 13	3 11	2 38	9 46	0 34	10 38	0 47	5 12	17 6	18 38	18 16	16 18	18 0	4 35
T 10	22 53	14 5	1 50	25 5	1 46	23 43	0 16	23 2	0 28	5 57	1 13	3 11	2 38	9 46	0 34	10 37	0 47	5 12	17 5	18 38	18 16	16 17	18 0	4 35
W11	22 58	10 41	2 47	25 13	1 50	23 27	0 1	23 8	0 28	6 1	1 13	3 11	2 37	9 45	0 33	10 37	0 47	5 12	17 5	18 37	18 17	16 15	18 1	4 35
T 12	23 3	6 49	3 38	25 19	1 53	23 11	0n15	23 13	0 29	6 4	1 13	3 11	2 37	9 45	0 33	10 37	0 47	5 12	17 5	18 37	18 18	16 14	18 1	4 35
F 13	23 8	2 38	4 19	25 24	1 57	22 54	0 30	23 18	0 29	6 7	1 13	3 11	2 37	9 44	0 33	10 36	0 47	5 12	17 5	18 38	18 19	16 13	18 2	4 36
S 14	23 12	1n46	4 50	25 27	2 0	22 38	0 46	23 23	0 30	6 10	1 14	3 11	2 37	9 44	0 33	10 36	0 47	5 12	17 4	18 38	18 20	16 12	18 3	4 36
S 15	23 15	6 13	5 7	25 30	2 3	22 21	1 2	23 27	0 30	6 14	1 14	3 11	2 36	9 44	0 33	10 36	0 47	5 12	17 4	18 40	18 20	16 10	18 3	4 36
M16	23 19	10 30	5 8	25 30	2 5	22 4	1 17	23 32	0 31	6 17	1 14	3 11	2 36	9 43	0 33	10 35	0 47	5 11	17 4	18 41	18 21	16 9	18 4	4 36
T 17	23 21	14 25	4 53	25 29	2 8	21 47	1 33	23 36	0 32	6 20	1 14	3 12	2 36	9 43	0 33	10 35	0 47	5 11	17 3	18 43	18 22	16 8	18 4	4 36
W18	23 23	17 38	4 19	25 27	2 9	21 30	1 48	23 39	0 32	6 23	1 14	3 12	2 35	9 43	0 33	10 35	0 47	5 11	17 3	18 45	18 23	16 7	18 5	4 37
T 19	23 25	19 51	3 29	25 23	2 11	21 13	2 3	23 43	0 33	6 26	1 15	3 12	2 35	9 42	0 33	10 34	0 47	5 11	17 3	18 46	18 24	16 5	18 5	4 37
F 20	23 26	20 47	2 24	25 17	2 12	20 57	2 18	23 46	0 33	6 29	1 15	3 12	2 35	9 42	0 33	10 34	0 47	5 11	17 2	18 47	18 24	16 4	18 6	4 37
S 21	23 27	20 19	1 8	25 10	2 13	20 41	2 32	23 50	0 34	6 31	1 15	3 13	2 35	9 42	0 33	10 33	0 47	5 11	17 2	18 48	18 25	16 3	18 6	4 37
S 22	23 27	18 27	0n12	25 2	2 13	20 25	2 46	23 52	0 34	6 34	1 15	3 13	2 34	9 42	0 33	10 33	0 47	5 11	17 2	18 48	18 26	16 2	18 7	4 38
M23	23 27	15 23	1 30	24 52	2 12	20 9	2 59	23 55	0 35	6 37	1 15	3 14	2 34	9 41	0 33	10 32	0 47	5 11	17 1	18 48	18 27	16 0	18 7	4 38
T 24	23 27	11 24	2 42	24 40	2 11	19 54	3 12	23 57	0 36	6 40	1 16	3 14	2 34	9 41	0 33	10 32	0 47	5 10	17 1	18 47	18 28	15 59	18 8	4 38
W25	23 25	6 51	3 43	24 27	2 10	19 40	3 25	23 59	0 36	6 42	1 16	3 15	2 34	9 41	0 33	10 31	0 47	5 10	17 1	18 47	18 29	15 58	18 8	4 38
T 26	23 24	2 1	4 30	24 12	2 8	19 26	3 36	24 1	0 37	6 45	1 16	3 15	2 33	9 41	0 33	10 31	0 47	5 10	17 0	18 47	18 29	15 57	18 8	4 39
F 27	23 22	2s49	5 0	23 56	2 5	19 13	3 48	24 3	0 37	6 47	1 16	3 16	2 33	9 41	0 33	10 30	0 47	5 10	17 0	18 47	18 30	15 55	18 9	4 39
S 28	23 19	7 25	5 13	23 38	2 2	19 0	3 58	24 4	0 38	6 50	1 16	3 17	2 33	9 41	0 33	10 30	0 47	5 10	17 0	18 48	18 31	15 54	18 9	4 39
S 29	23 16	11 35	5 9	23 19	1 58	18 48	4 8	24 5	0 38	6 52	1 17	3 17	2 32	9 41	0 33	10 29	0 47	5 9	16 59	18 49	18 32	15 53	18 10	4 40
M30	23 13	15 8	4 49	22 59	1 54	18 38	4 17	24 6	0 39	6 55	1 17	3 18	2 32	9 40	0 33	10 29	0 47	5 9	16 59	18 50	18 33	15 51	18 10	4 40
T 31	23s 9	17s55	4n16	22s37	1s48	18s28	4n26	24s 7	0s39	6s57	1n17	3n19	2s32	9n40	0s33	10s28	0s47	5s 9	16s59	18n51	18n33	15s50	18s10	4n40

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

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ASTRODIENST EPHEMERIS for the year 1851
geocentric

JANUARY 1851 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 40 12	10♑ 2'19	23♐44	28♑ 1	17°R20	1♑ 3	20♎56	14♈21	26°R22	4♓51	27°R54	5°R40	6♌52	20♒32	17♐ 5	W 1
T 2	6 44 9	11° 3'30	6♑ 4	29°23	17♐ 9	1°48	21° 3	14°22	26♈22	4°52	27♈53	5♌37	6°49	20°38	17°11	T 2
F 3	6 48 5	12° 4'41	18°12	0♒42	17° 0	2°33	21° 9	14°24	26°22	4°54	27°53	5°34	6°46	20°45	17°18	F 3
S 4	6 52 2	13° 5'52	0♒12	1°58	16°54	3°18	21°15	14°26	26°22	4°55	27°53	5°D33	6°43	20°52	17°25	S 4
S 5	6 55 58	14° 7'03	12° 5	3°10	16°50	4° 4	21°21	14°28	26°D22	4°57	27°53	5°33	6°39	20°58	17°31	S 5
M 6	6 59 55	15° 8'13	23°53	4°17	16°D49	4°49	21°27	14°30	26°22	4°58	27°53	5°34	6°36	21° 5	17°38	M 6
T 7	7 3 51	16° 9'23	5♓39	5°18	16°50	5°34	21°32	14°32	26°22	5° 0	27°53	5°36	6°33	21°12	17°45	T 7
W 8	7 7 48	17°10'33	17°28	6°13	16°54	6°20	21°38	14°35	26°22	5° 2	27°52	5°37	6°30	21°18	17°51	W 8
T 9	7 11 44	18°11'42	29°24	7° 1	17° 0	7° 5	21°43	14°37	26°22	5° 3	27°52	5°39	6°27	21°25	17°58	T 9
F 10	7 15 41	19°12'51	11♈30	7°41	17° 8	7°50	21°48	14°40	26°22	5° 5	27°52	5°40	6°24	21°31	18° 4	F 10
S 11	7 19 38	20°13'59	23°53	8°12	17°18	8°36	21°53	14°42	26°23	5° 7	27°52	5°R40	6°20	21°38	18°10	S 11
S 12	7 23 34	21°15'06	6♉36	8°33	17°31	9°22	21°58	14°45	26°23	5° 9	27°D52	5°39	6°17	21°45	18°17	S 12
M13	7 27 31	22°16'13	19°44	8°R44	17°45	10° 7	22° 2	14°48	26°23	5°10	27°52	5°38	6°14	21°51	18°23	M13
T 14	7 31 27	23°17'19	3♊18	8°43	18° 2	10°53	22° 7	14°51	26°24	5°12	27°52	5°36	6°11	21°58	18°29	T 14
W15	7 35 24	24°18'24	17°20	8°31	18°21	11°38	22°11	14°54	26°24	5°14	27°52	5°35	6° 8	22° 5	18°36	W15
T 16	7 39 20	25°19'29	1♋47	8° 7	18°42	12°24	22°15	14°57	26°25	5°16	27°52	5°33	6° 4	22°11	18°42	T 16
F 17	7 43 17	26°20'33	16°36	7°32	19° 4	13°10	22°19	15° 0	26°25	5°18	27°53	5°33	6° 1	22°18	18°48	F 17
S 18	7 47 13	27°21'36	1♌38	6°45	19°29	13°56	22°23	15° 3	26°26	5°20	27°53	5°D32	5°58	22°25	18°54	S 18
S 19	7 51 10	28°22'39	16°45	5°49	19°55	14°41	22°27	15° 7	26°27	5°21	27°53	5°32	5°55	22°31	19° 0	S 19
M20	7 55 7	29°23'41	1♍49	4°45	20°23	15°27	22°30	15°10	26°28	5°23	27°53	5°33	5°52	22°38	19° 6	M20
T 21	7 59 3	0♒24'43	16°40	3°34	20°53	16°13	22°33	15°14	26°28	5°25	27°53	5°33	5°49	22°45	19°12	T 21
W22	8 3 0	1°25'44	1♎12	2°20	21°24	16°59	22°36	15°17	26°29	5°27	27°53	5°34	5°45	22°51	19°18	W22
T 23	8 6 56	2°26'44	15°23	1° 3	21°56	17°45	22°39	15°21	26°30	5°29	27°54	5°34	5°42	22°58	19°24	T 23
F 24	8 10 53	3°27'44	29° 9	29♑47	22°31	18°31	22°42	15°25	26°31	5°31	27°54	5°R34	5°39	23° 5	19°30	F 24
S 25	8 14 49	4°28'44	12♏32	28°33	23° 6	19°17	22°45	15°29	26°32	5°33	27°54	5°34	5°36	23°11	19°35	S 25
S 26	8 18 46	5°29'43	25°34	27°24	23°43	20° 3	22°47	15°33	26°33	5°35	27°54	5°D34	5°33	23°18	19°41	S 26
M27	8 22 42	6°30'41	8♐17	26°22	24°21	20°49	22°49	15°37	26°34	5°37	27°55	5°34	5°30	23°25	19°46	M27
T 28	8 26 39	7°31'39	20°44	25°26	25° 1	21°35	22°51	15°42	26°35	5°39	27°55	5°34	5°26	23°31	19°52	T 28
W29	8 30 36	8°32'36	2♑59	24°39	25°41	22°21	22°53	15°46	26°37	5°41	27°56	5°35	5°23	23°38	19°58	W29
T 30	8 34 32	9°33'32	15° 3	24° 0	26°23	23° 8	22°54	15°50	26°38	5°43	27°56	5°35	5°20	23°44	20° 3	T 30
F 31	8 38 29	10♒34'27	27♑ 0	23♑29	27♐ 6	23♑54	22♎56	15♈55	26♈39	5♓46	27♈56	5♌35	5♌17	23♒51	20♐ 8	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 5	19s49	3n30	22s14	1s42	18s18	4n34	24s 7	0s40	6s59	1n17	3n20	2s32	9n40	0s33	10s28	0s46	5s 9	16s58	18n52	18n34	15s49	18s11	4n40
T 2	23 0	20 44	2 35	21 50	1 35	18 10	4 42	24 7	0 40	7 1	1 17	3 21	2 31	9 40	0 33	10 27	0 46	5 8	16 58	18 53	18 35	15 47	18 11	4 41
F 3	22 54	20 40	1 34	21 26	1 27	18 2	4 48	24 7	0 41	7 3	1 18	3 22	2 31	9 40	0 33	10 27	0 46	5 8	16 58	18 54	18 36	15 46	18 11	4 41
S 4	22 49	19 39	0 29	21 0	1 18	17 55	4 55	24 6	0 42	7 5	1 18	3 23	2 31	9 40	0 33	10 26	0 46	5 8	16 57	18 54	18 37	15 45	18 11	4 41
S 5	22 42	17 46	0s36	20 34	1 8	17 49	5 0	24 6	0 42	7 7	1 18	3 24	2 31	9 40	0 33	10 25	0 46	5 8	16 57	18 54	18 37	15 44	18 12	4 42
M 6	22 36	15 8	1 40	20 8	0 57	17 44	5 5	24 5	0 43	7 9	1 18	3 25	2 30	9 40	0 33	10 25	0 46	5 7	16 57	18 54	18 38	15 42	18 12	4 42
T 7	22 29	11 54	2 39	19 41	0 45	17 40	5 10	24 3	0 43	7 11	1 19	3 26	2 30	9 40	0 33	10 24	0 46	5 7	16 56	18 53	18 39	15 41	18 12	4 42
W 8	22 21	8 12	3 32	19 15	0 32	17 36	5 14	24 2	0 44	7 13	1 19	3 27	2 30	9 41	0 33	10 24	0 46	5 7	16 56	18 53	18 40	15 40	18 12	4 43
T 9	22 13	4 9	4 16	18 49	0 18	17 33	5 17	24 0	0 44	7 15	1 19	3 28	2 29	9 41	0 33	10 23	0 46	5 6	16 56	18 52	18 41	15 38	18 13	4 43
F 10	22 5	0n 7	4 49	18 24	0 3	17 31	5 20	23 58	0 45	7 17	1 19	3 29	2 29	9 41	0 32	10 22	0 46	5 6	16 55	18 52	18 41	15 37	18 13	4 44
S 11	21 56	4 28	5 10	18 1	0n13	17 30	5 23	23 56	0 45	7 18	1 20	3 31	2 29	9 41	0 32	10 22	0 46	5 6	16 55	18 52	18 42	15 35	18 13	4 44
S 12	21 47	8 44	5 17	17 39	0 30	17 29	5 25	23 53	0 46	7 20	1 20	3 32	2 29	9 41	0 32	10 21	0 46	5 5	16 54	18 52	18 43	15 34	18 13	4 44
M13	21 37	12 44	5 8	17 19	0 48	17 28	5 26	23 50	0 46	7 21	1 20	3 33	2 28	9 41	0 32	10 20	0 46	5 5	16 54	18 53	18 44	15 33	18 13	4 45
T 14	21 27	16 14	4 41	17 1	1 6	17 29	5 28	23 47	0 47	7 23	1 20	3 35	2 28	9 41	0 32	10 20	0 46	5 5	16 54	18 53	18 44	15 31	18 13	4 45
W15	21 16	18 55	3 57	16 47	1 25	17 29	5 29	23 44	0 47	7 24	1 20	3 36	2 28	9 42	0 32	10 19	0 46	5 4	16 53	18 53	18 45	15 30	18 13	4 46
T 16	21 5	20 30	2 57	16 35	1 44	17 31	5 29	23 40	0 48	7 25	1 21	3 37	2 28	9 42	0 32	10 18	0 46	5 4	16 53	18 54	18 46	15 29	18 14	4 46
F 17	20 54	20 43	1 43	16 26	2 2	17 32	5 29	23 36	0 48	7 27	1 21	3 39	2 27	9 42	0 32	10 18	0 46	5 4	16 53	18 54	18 47	15 27	18 14	4 46
S 18	20 42	19 28	0 22	16 21	2 20	17 35	5 29	23 32	0 49	7 28	1 21	3 40	2 27	9 42	0 32	10 17	0 46	5 3	16 52	18 54	18 48	15 26	18 14	4 47
S 19	20 30	16 49	1n 2	16 19	2 36	17 37	5 28	23 28	0 49	7 29	1 21	3 42	2 27	9 43	0 32	10 16	0 46	5 3	16 52	18 54	18 48	15 25	18 14	4 47
M20	20 18	13 2	2 21	16 19	2 51	17 40	5 27	23 23	0 50	7 30	1 22	3 43	2 27	9 43	0 32	10 16	0 46	5 2	16 52	18 54	18 49	15 23	18 14	4 48
T 21	20 5	8 29	3 29	16 23	3 4	17 43	5 26	23 18	0 50	7 31	1 22	3 45	2 26	9 43	0 32	10 15	0 46	5 2	16 51	18 54	18 50	15 22	18 14	4 48
W22	19 51	3 32	4 23	16 29	3 15	17 47	5 25	23 13	0 51	7 32	1 22	3 47	2 26	9 44	0 32	10 14	0 46	5 2	16 51	18 54	18 51	15 20	18 14	4 49
T 23	19 38	1s28	4 59	16 37	3 24	17 50	5 23	23 7	0 51	7 33	1 22	3 48	2 26	9 44	0 32	10 13	0 46	5 1	16 50	18 54	18 52	15 19	18 14	4 49
F 24	19 24	6 15	5 16	16 47	3 30	17 54	5 21	23 2	0 52	7 33	1 23	3 50	2 26	9 44	0 32	10 13	0 46	5 1	16 50	18 54	18 52	15 18	18 14	4 49
S 25	19 9	10 36	5 16	16 59	3 34	17 58	5 19	22 56	0 52	7 34	1 23	3 52	2 25	9 45	0 32	10 12	0 46	5 0	16 50	18 54	18 53	15 16	18 14	4 50
S 26	18 55	14 19	4 59	17 11	3 35	18 2	5 17	22 49	0 52	7 35	1 23	3 54	2 25	9 45	0 32	10 11	0 46	5 0	16 49	18 54	18 54	15 15	18 14	4 50
M27	18 40	17 18	4 28	17 24	3 34	18 7	5 14	22 43	0 53	7 35	1 23	3 55	2 25	9 46	0 32	10 10	0 46	5 0	16 49	18 54	18 55	15 13	18 14	4 51
T 28	18 24	19 24	3 45	17 37	3 31	18 11	5 11	22 36	0 53	7 36	1 24	3 57	2 25	9 46	0 32	10 10	0 46	4 59	16 49	18 53	18 55	15 12	18 14	4 51
W29	18 8	20 34	2 52	17 50	3 26	18 15	5 8	22 29	0 54	7 36	1 24	3 59	2 24	9 47	0 32	10 9	0 46	4 59	16 48	18 53	18 56	15 11	18 14	4 52
T 30	17 52	20 45	1 52	18 4	3 19	18 20	5 5	22 22	0 54	7 37	1 24	4 1	2 24	9 47	0 32	10 8	0 46	4 58	16 48	18 53	18 57	15 9	18 14	4 52
F 31	17s36	20s 0	0n48	18s17	3n11	18s24	5n 2	22s14	0s55	7s37	1n24	4n 3	2s24	9n48	0s32	10s 7	0s46	4s58	16s48	18n53	18n58	15s 8	18s13	4n53

Julian Day Number = 2397123.5, Delta T = 9.61 sec
Ecliptic obliquity = 23°27'25, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°39'35, Lahiri = 21°46'35

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ASTRODIENST EPHEMERIS for the year 1851
geocentric

FEBRUARY 1851 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 42 25	11♒35'21	8♒52	23°R 8	27♐50	24♑40	22♎57	15♈59	26♈41	5♓48	27♈57	5°R35	5♌14	23♒58	20♐14	S 1
S 2	8 46 22	12°36'14	20°41	22♑54	28°34	25°26	22°58	16° 4	26°42	5°50	27°57	5♌35	5°10	24° 4	20°19	S 2
M 3	8 50 18	13°37'06	2♓29	22°D49	29°20	26°13	22°59	16° 9	26°44	5°52	27°58	5°34	5° 7	24°11	20°24	M 3
T 4	8 54 15	14°37'56	14°17	22°51	0♑ 7	26°59	23° 0	16°14	26°45	5°54	27°58	5°33	5° 4	24°18	20°29	T 4
W 5	8 58 11	15°38'46	26°10	23° 1	0°55	27°45	23° 0	16°18	26°47	5°56	27°59	5°32	5° 1	24°24	20°34	W 5
T 6	9 2 8	16°39'33	8♈ 8	23°17	1°43	28°32	23° 0	16°23	26°48	5°58	27°59	5°30	4°58	24°31	20°39	T 6
F 7	9 6 5	17°40'20	20°17	23°39	2°32	29°18	23°R 0	16°29	26°50	6° 1	28° 0	5°29	4°55	24°38	20°44	F 7
S 8	9 10 1	18°41'04	2♉38	24° 7	3°22	0♒ 5	23° 0	16°34	26°52	6° 3	28° 0	5°27	4°51	24°44	20°49	S 8
S 9	9 13 58	19°41'48	15°17	24°40	4°13	0°51	23° 0	16°39	26°53	6° 5	28° 1	5°D27	4°48	24°51	20°54	S 9
M10	9 17 54	20°42'29	28°16	25°18	5° 5	1°38	22°59	16°44	26°55	6° 7	28° 2	5°27	4°45	24°58	20°58	M10
T 11	9 21 51	21°43'09	11♊40	26° 0	5°57	2°24	22°59	16°49	26°57	6° 9	28° 2	5°28	4°42	25° 4	21° 3	T 11
W12	9 25 47	22°43'47	25°30	26°46	6°50	3°11	22°58	16°55	26°59	6°12	28° 3	5°29	4°39	25°11	21° 7	W12
T 13	9 29 44	23°44'24	9♋47	27°36	7°43	3°57	22°57	17° 0	27° 1	6°14	28° 4	5°30	4°36	25°18	21°12	T 13
F 14	9 33 40	24°44'59	24°28	28°29	8°37	4°44	22°56	17° 6	27° 3	6°16	28° 4	5°31	4°32	25°24	21°16	F 14
S 15	9 37 37	25°45'32	9♌29	29°26	9°32	5°30	22°54	17°12	27° 5	6°18	28° 5	5°R31	4°29	25°31	21°20	S 15
S 16	9 41 34	26°46'04	24°42	0♒25	10°28	6°17	22°53	17°17	27° 7	6°21	28° 6	5°31	4°26	25°38	21°25	S 16
M17	9 45 30	27°46'34	9♍58	1°27	11°23	7° 4	22°51	17°23	27° 9	6°23	28° 7	5°29	4°23	25°44	21°29	M17
T 18	9 49 27	28°47'03	25° 6	2°31	12°20	7°50	22°49	17°29	27°11	6°25	28° 7	5°26	4°20	25°51	21°33	T 18
W19	9 53 23	29°47'30	9♎57	3°38	13°17	8°37	22°47	17°35	27°13	6°27	28° 8	5°22	4°16	25°58	21°37	W19
T 20	9 57 20	0♓47'55	24°24	4°47	14°14	9°24	22°44	17°41	27°15	6°30	28° 9	5°19	4°13	26° 4	21°41	T 20
F 21	10 1 16	1°48'20	8♏24	5°57	15°12	10°10	22°42	17°47	27°17	6°32	28°10	5°16	4°10	26°11	21°45	F 21
S 22	10 5 13	2°48'43	21°55	7°10	16°11	10°57	22°39	17°53	27°20	6°34	28°11	5°14	4° 7	26°18	21°48	S 22
S 23	10 9 9	3°49'04	4♐59	8°24	17°10	11°44	22°36	17°59	27°22	6°36	28°11	5°D14	4° 4	26°24	21°52	S 23
M24	10 13 6	4°49'25	17°40	9°41	18° 9	12°30	22°33	18° 5	27°24	6°39	28°12	5°14	4° 1	26°31	21°56	M24
T 25	10 17 3	5°49'44	0♑ 1	10°58	19° 8	13°17	22°30	18°12	27°27	6°41	28°13	5°16	3°57	26°37	21°59	T 25
W26	10 20 59	6°50'01	12° 8	12°18	20° 9	14° 4	22°26	18°18	27°29	6°43	28°14	5°18	3°54	26°44	22° 3	W26
T 27	10 24 56	7°50'17	24° 4	13°38	21° 9	14°51	22°23	18°24	27°32	6°46	28°15	5°19	3°51	26°51	22° 6	T 27
F 28	10 28 52	8♓50'31	5♒54	15♒ 0	22♑10	15♒38	22♎19	18♈31	27♈34	6♓48	28♈16	5°R20	3♌48	26♒57	22♐ 9	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	17s19	18s21	0s18	18s29	3n 2	18s28	4n58	22s 7	0s55	7s37	1n25	4n 5	2s24	9n48	0s32	10s 7	0s46	4s57	16s47	18n53	18n59	15s 6	18s13	4n53	S 1
S 2	17 2	15 55	1 23	18 41	2 52	18 33	4 54	21 59	0 56	7 37	1 25	4 7	2 24	9 49	0 32	10 6	0 46	4 57	16 47	18 53	18 59	15 5	18 13	4 54	S 2
M 3	16 45	12 50	2 24	18 52	2 42	18 37	4 51	21 51	0 56	7 37	1 25	4 9	2 23	9 49	0 32	10 5	0 46	4 56	16 46	18 53	19 0	15 4	18 13	4 54	M 3
T 4	16 27	9 15	3 19	19 3	2 31	18 41	4 47	21 42	0 56	7 37	1 25	4 11	2 23	9 50	0 32	10 4	0 46	4 56	16 46	18 54	19 1	15 2	18 13	4 55	T 4
W 5	16 9	5 17	4 5	19 12	2 19	18 45	4 43	21 33	0 57	7 37	1 26	4 13	2 23	9 50	0 32	10 3	0 46	4 55	16 46	18 54	19 2	15 1	18 13	4 55	W 5
T 6	15 51	1 5	4 42	19 21	2 8	18 48	4 38	21 24	0 57	7 37	1 26	4 15	2 23	9 51	0 32	10 3	0 46	4 55	16 45	18 55	19 2	14 59	18 12	4 56	T 6
F 7	15 33	3n12	5 6	19 29	1 56	18 52	4 34	21 15	0 58	7 37	1 26	4 17	2 22	9 52	0 32	10 2	0 46	4 54	16 45	18 55	19 3	14 58	18 12	4 56	F 7
S 8	15 14	7 26	5 17	19 36	1 44	18 55	4 30	21 6	0 58	7 37	1 26	4 20	2 22	9 52	0 32	10 1	0 46	4 54	16 45	18 55	19 4	14 56	18 12	4 57	S 8
S 9	14 55	11 27	5 12	19 41	1 33	18 58	4 25	20 56	0 59	7 36	1 27	4 22	2 22	9 53	0 31	10 0	0 46	4 53	16 44	18 55	19 5	14 55	18 12	4 57	S 9
M10	14 36	15 2	4 52	19 46	1 21	19 1	4 20	20 46	0 59	7 36	1 27	4 24	2 22	9 54	0 31	9 59	0 46	4 53	16 44	18 55	19 5	14 53	18 12	4 58	M10
T 11	14 17	17 58	4 16	19 49	1 10	19 4	4 16	20 36	0 59	7 35	1 27	4 26	2 22	9 54	0 31	9 59	0 46	4 52	16 44	18 55	19 6	14 52	18 11	4 59	T 11
W12	13 57	19 59	3 24	19 52	0 58	19 6	4 11	20 26	1 0	7 35	1 27	4 28	2 21	9 55	0 31	9 58	0 46	4 52	16 43	18 55	19 7	14 50	18 11	4 59	W12
T 13	13 37	20 48	2 18	19 53	0 47	19 8	4 6	20 15	1 0	7 34	1 28	4 31	2 21	9 56	0 31	9 57	0 46	4 51	16 43	18 55	19 8	14 49	18 11	5 0	T 13
F 14	13 17	20 15	1 1	19 53	0 36	19 10	4 1	20 4	1 1	7 34	1 28	4 33	2 21	9 56	0 31	9 56	0 46	4 51	16 43	18 54	19 8	14 47	18 10	5 0	F 14
S 15	12 57	18 15	0n22	19 52	0 26	19 11	3 56	19 54	1 1	7 33	1 28	4 35	2 21	9 57	0 31	9 55	0 46	4 50	16 42	18 54	19 9	14 46	18 10	5 1	S 15
S 16	12 36	14 56	1 44	19 49	0 16	19 12	3 51	19 42	1 1	7 32	1 28	4 38	2 21	9 58	0 31	9 54	0 46	4 49	16 42	18 54	19 10	14 45	18 10	5 1	S 16
M17	12 15	10 36	2 59	19 46	0 6	19 13	3 46	19 31	1 2	7 31	1 29	4 40	2 20	9 59	0 31	9 54	0 46	4 49	16 42	18 55	19 11	14 43	18 10	5 2	M17
T 18	11 54	5 38	4 0	19 41	0s 4	19 13	3 41	19 19	1 2	7 30	1 29	4 42	2 20	9 59	0 31	9 53	0 46	4 48	16 42	18 56	19 12	14 42	18 9	5 3	T 18
W19	11 33	0 25	4 44	19 35	0 14	19 13	3 36	19 7	1 2	7 29	1 29	4 45	2 20	10 0	0 31	9 52	0 46	4 48	16 41	18 56	19 12	14 40	18 9	5 3	W19
T 20	11 12	4s40	5 9	19 27	0 23	19 13	3 30	18 55	1 3	7 28	1 29	4 47	2 20	10 1	0 31	9 51	0 46	4 47	16 41	18 57	19 13	14 39	18 9	5 4	T 20
F 21	10 50	9 21	5 14	19 18	0 32	19 12	3 25	18 43	1 3	7 27	1 29	4 50	2 20	10 2	0 31	9 50	0 46	4 47	16 41	18 58	19 14	14 37	18 8	5 4	F 21
S 22	10 29	13 24	5 2	19 8	0 40	19 10	3 20	18 31	1 3	7 26	1 30	4 52	2 20	10 3	0 31	9 50	0 46	4 46	16 40	18 58	19 15	14 36	18 8	5 5	S 22
S 23	10 7	16 40	4 33	18 57	0 48	19 9	3 14	18 18	1 4	7 25	1 30	4 55	2 19	10 4	0 31	9 49	0 46	4 46	16 40	18 58	19 15	14 34	18 7	5 6	S 23
M24	9 45	19 1	3 53	18 44	0 56	19 6	3 9	18 5	1 4	7 23	1 30	4 57	2 19	10 5	0 31	9 48	0 46	4 45	16 40	18 58	19 16	14 33	18 7	5 6	M24
T 25	9 23	20 26	3 2	18 30	1 3	19 4	3 3	17 52	1 4	7 22	1 30	5 0	2 19	10 5	0 31	9 47	0 46	4 44	16 39	18 58	19 17	14 31	18 7	5 7	T 25
W26	9 1	20 51	2 4	18 15	1 11	19 1	2 58	17 39	1 5	7 20	1 31	5 2	2 19	10 6	0 31	9 46	0 46	4 44	16 39	18 58	19 18	14 30	18 6	5 7	W26
T 27	8 38	20 18	1 1	17 59	1 17	18 57	2 52	17 26	1 5	7 19	1 31	5 5	2 19	10 7	0 31	9 45	0 46	4 43	16 39	18 57	19 18	14 28	18 6	5 8	T 27
F 28	8s16	18s52	0s 3	17s41	1s24	18s53	2n47	17s12	1s 5	7s17	1n31	5n 7	2s19	10n 8	0s31	9s44	0s46	4s43	16s39	18n57	19n19	14s26	18s 5	5n 9	F 28

Julian Day Number = 2397154.5, Delta T = 9.63 sec
Ecliptic obliquity = 23°27'26, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°39'39, Lahiri = 21°46'39

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1851
geocentric

MARCH 1851 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 32 49	9♓50'44	17♒41	16♒24	23♉11	16♒25	22°R15	18♈37	27♈37	6♓50	28♈17	5°R19	3♌45	27♒ 4	22♐12	S 1
S 2	10 36 45	10°50'54	29°28	17°49	24°13	17°11	22♎11	18°44	27°39	6°52	28°18	5♌16	3°41	27°11	22°15	S 2
M 3	10 40 42	11°51'03	11♓17	19°15	25°14	17°58	22° 6	18°50	27°42	6°55	28°19	5°12	3°38	27°17	22°18	M 3
T 4	10 44 38	12°51'11	23°11	20°42	26°17	18°45	22° 2	18°57	27°45	6°57	28°20	5° 6	3°35	27°24	22°21	T 4
W 5	10 48 35	13°51'16	5♈11	22°11	27°19	19°32	21°57	19° 3	27°47	6°59	28°21	4°59	3°32	27°31	22°24	W 5
T 6	10 52 32	14°51'19	17°19	23°40	28°22	20°19	21°53	19°10	27°50	7° 1	28°22	4°51	3°29	27°37	22°27	T 6
F 7	10 56 28	15°51'20	29°36	25°11	29°25	21° 6	21°48	19°17	27°53	7° 4	28°23	4°44	3°26	27°44	22°29	F 7
S 8	11 0 25	16°51'20	12♉ 4	26°44	0♒28	21°53	21°43	19°24	27°55	7° 6	28°24	4°38	3°22	27°51	22°32	S 8
S 9	11 4 21	17°51'17	24°46	28°17	1°32	22°40	21°37	19°31	27°58	7° 8	28°25	4°33	3°19	27°57	22°34	S 9
M10	11 8 18	18°51'12	7♊44	29°52	2°36	23°26	21°32	19°38	28° 1	7°10	28°26	4°31	3°16	28° 4	22°37	M10
T 11	11 12 14	19°51'04	21° 1	1♓27	3°40	24°13	21°27	19°44	28° 4	7°13	28°27	4°D30	3°13	28°11	22°39	T 11
W12	11 16 11	20°50'55	4♋39	3° 4	4°44	25° 0	21°21	19°51	28° 7	7°15	28°29	4°31	3°10	28°17	22°41	W12
T 13	11 20 7	21°50'43	18°40	4°42	5°49	25°47	21°15	19°58	28°10	7°17	28°30	4°32	3° 7	28°24	22°43	T 13
F 14	11 24 4	22°50'29	3♌ 4	6°21	6°53	26°34	21° 9	20° 5	28°13	7°19	28°31	4°R33	3° 3	28°31	22°45	F 14
S 15	11 28 1	23°50'13	17°49	8° 2	7°58	27°21	21° 3	20°13	28°16	7°22	28°32	4°32	3° 0	28°37	22°47	S 15
S 16	11 31 57	24°49'55	2♍50	9°44	9° 3	28° 8	20°57	20°20	28°19	7°24	28°33	4°29	2°57	28°44	22°49	S 16
M17	11 35 54	25°49'34	17°58	11°26	10° 9	28°55	20°51	20°27	28°22	7°26	28°34	4°24	2°54	28°51	22°50	M17
T 18	11 39 50	26°49'11	3♎ 6	13°11	11°14	29°42	20°44	20°34	28°25	7°28	28°36	4°17	2°51	28°57	22°52	T 18
W19	11 43 47	27°48'46	18° 1	14°56	12°20	0♓29	20°38	20°41	28°28	7°30	28°37	4° 8	2°47	29° 4	22°53	W19
T 20	11 47 43	28°48'20	2♏37	16°43	13°26	1°16	20°31	20°48	28°31	7°33	28°38	4° 0	2°44	29°11	22°55	T 20
F 21	11 51 40	29°47'51	16°46	18°30	14°32	2° 3	20°24	20°56	28°34	7°35	28°39	3°52	2°41	29°17	22°56	F 21
S 22	11 55 36	0♈47'21	0♐26	20°20	15°39	2°49	20°18	21° 3	28°37	7°37	28°40	3°46	2°38	29°24	22°57	S 22
S 23	11 59 33	1°46'49	13°37	22°10	16°45	3°36	20°11	21°10	28°40	7°39	28°42	3°42	2°35	29°31	22°58	S 23
M24	12 3 29	2°46'16	26°21	24° 2	17°52	4°23	20° 4	21°18	28°43	7°41	28°43	3°40	2°32	29°37	22°59	M24
T 25	12 7 26	3°45'40	8♉44	25°55	18°59	5°10	19°57	21°25	28°47	7°43	28°44	3°D40	2°28	29°44	23° 0	T 25
W26	12 11 23	4°45'03	20°50	27°49	20° 6	5°57	19°50	21°32	28°50	7°45	28°46	3°41	2°25	29°51	23° 1	W26
T 27	12 15 19	5°44'24	2♒44	29°45	21°13	6°44	19°42	21°40	28°53	7°47	28°47	3°R42	2°22	29°57	23° 2	T 27
F 28	12 19 16	6°43'43	14°32	1♈42	22°20	7°31	19°35	21°47	28°56	7°49	28°48	3°41	2°19	0♓ 4	23° 2	F 28
S 29	12 23 12	7°43'00	26°19	3°40	23°28	8°18	19°28	21°55	28°59	7°51	28°49	3°38	2°16	0°11	23° 3	S 29
S 30	12 27 9	8°42'16	8♓ 7	5°39	24°35	9° 5	19°20	22° 2	29° 3	7°53	28°51	3°33	2°13	0°17	23° 3	S 30
M31	12 31 5	9♈41'29	20♓ 1	7♈40	25♒43	9♓52	19♎13	22♈10	29♈ 6	7♓55	28♈52	3♌25	2♌ 9	0♓24	23♐ 4	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	7s53	16s37	1s 7	17s22	1s30	18s49	2n41	16s58	1s 6	7s15	1n31	5n10	2s18	10n 9	0s31	9s44	0s46	4s42	16s38	18n57	19n20	14s25	18s 5	5n 9	
S 2	7 30	13 40	2 8	17 1	1 36	18 44	2 36	16 44	1 6	7 14	1 31	5 13	2 18	10 10	0 31	9 43	0 46	4 41	16 38	18 58	19 21	14 23	18 4	5 10	
M 3	7 7	10 10	3 4	16 39	1 41	18 38	2 30	16 30	1 6	7 12	1 32	5 15	2 18	10 11	0 31	9 42	0 46	4 41	16 38	18 59	19 21	14 22	18 4	5 11	
T 4	6 44	6 15	3 51	16 16	1 46	18 32	2 25	16 16	1 6	7 10	1 32	5 18	2 18	10 12	0 31	9 41	0 46	4 40	16 38	19 0	19 22	14 20	18 3	5 11	
W 5	6 21	2 3	4 29	15 52	1 50	18 26	2 19	16 2	1 7	7 8	1 32	5 20	2 18	10 13	0 31	9 40	0 46	4 40	16 37	19 2	19 23	14 19	18 3	5 12	
T 6	5 58	2n15	4 55	15 27	1 55	18 19	2 14	15 47	1 7	7 6	1 32	5 23	2 18	10 14	0 31	9 39	0 46	4 39	16 37	19 4	19 23	14 17	18 2	5 13	
F 7	5 35	6 32	5 8	15 0	1 58	18 12	2 9	15 32	1 7	7 4	1 32	5 26	2 18	10 15	0 31	9 39	0 46	4 39	16 37	19 6	19 24	14 16	18 2	5 13	
S 8	5 12	10 36	5 7	14 31	2 2	18 4	2 3	15 17	1 7	7 2	1 32	5 28	2 18	10 16	0 31	9 38	0 46	4 38	16 37	19 7	19 25	14 14	18 1	5 14	
S 9	4 48	14 16	4 51	14 2	2 5	17 55	1 58	15 2	1 8	7 0	1 33	5 31	2 17	10 17	0 31	9 37	0 47	4 37	16 36	19 8	19 26	14 13	18 1	5 15	
M10	4 25	17 21	4 19	13 31	2 8	17 46	1 52	14 47	1 8	6 58	1 33	5 34	2 17	10 18	0 31	9 36	0 47	4 37	16 36	19 9	19 26	14 11	18 0	5 15	
T 11	4 1	19 36	3 34	12 59	2 10	17 37	1 47	14 32	1 8	6 56	1 33	5 37	2 17	10 19	0 31	9 35	0 47	4 36	16 36	19 9	19 27	14 9	18 0	5 16	
W12	3 38	20 48	2 35	12 26	2 12	17 27	1 41	14 16	1 8	6 54	1 33	5 39	2 17	10 20	0 31	9 35	0 47	4 36	16 36	19 9	19 28	14 8	17 59	5 17	
T 13	3 14	20 45	1 25	11 51	2 13	17 17	1 36	14 1	1 9	6 51	1 33	5 42	2 17	10 21	0 31	9 34	0 47	4 35	16 35	19 9	19 29	14 6	17 59	5 17	
F 14	2 51	19 21	0 8	11 16	2 14	17 6	1 31	13 45	1 9	6 49	1 33	5 45	2 17	10 22	0 31	9 33	0 47	4 34	16 35	19 8	19 29	14 5	17 58	5 18	
S 15	2 27	16 38	1n11	10 39	2 14	16 55	1 25	13 29	1 9	6 47	1 34	5 48	2 17	10 23	0 31	9 32	0 47	4 34	16 35	19 9	19 30	14 3	17 58	5 19	
S 16	2 3	12 45	2 26	10 0	2 15	16 43	1 20	13 13	1 9	6 44	1 34	5 50	2 17	10 24	0 31	9 31	0 47	4 33	16 35	19 9	19 31	14 2	17 57	5 19	
M17	1 40	8 1	3 32	9 21	2 14	16 31	1 15	12 57	1 9	6 42	1 34	5 53	2 17	10 25	0 31	9 31	0 47	4 33	16 35	19 11	19 32	14 0	17 56	5 20	
T 18	1 16	2 47	4 23	8 40	2 13	16 18	1 10	12 40	1 10	6 39	1 34	5 56	2 16	10 27	0 31	9 30	0 47	4 32	16 34	19 12	19 32	13 58	17 56	5 21	
W19	0 52	2s32	4 54	7 58	2 12	16 5	1 5	12 24	1 10	6 37	1 34	5 59	2 16	10 28	0 31	9 29	0 47	4 32	16 34	19 14	19 33	13 57	17 55	5 21	
T 20	0 29	7 35	5 6	7 15	2 10	15 51	1 0	12 7	1 10	6 34	1 34	6 1	2 16	10 29	0 30	9 28	0 47	4 31	16 34	19 16	19 34	13 55	17 55	5 22	
F 21	0 5	12 5	4 59	6 31	2 8	15 37	0 55	11 51	1 10	6 31	1 34	6 4	2 16	10 30	0 30	9 27	0 47	4 30	16 34	19 18	19 34	13 54	17 54	5 23	
S 22	0n19	15 47	4 34	5 45	2 5	15 22	0 50	11 34	1 10	6 29	1 34	6 7	2 16	10 31	0 30	9 27	0 47	4 30	16 34	19 19	19 35	13 52	17 53	5 23	
S 23	0 43	18 33	3 56	4 58	2 2	15 7	0 45	11 17	1 10	6 26	1 35	6 10	2 16	10 32	0 30	9 26	0 47	4 29	16 33	19 20	19 36	13 50	17 53	5 24	
M24	1 6	20 18	3 6	4 11	1 58	14 52	0 40	11 0	1 10	6 23	1 35	6 13	2 16	10 33	0 30	9 25	0 47	4 29	16 33	19 21	19 37	13 49	17 52	5 25	
T 25	1 30	21 1	2 10	3 22	1 54	14 36	0 35	10 43	1 11	6 21	1 35	6 15	2 16	10 34	0 30	9 24	0 47	4 28	16 33	19 21	19 37	13 47	17 52	5 25	
W26	1 53	20 43	1 8	2 32	1 49	14 19	0 30	10 26	1 11	6 18	1 35	6 18	2 16	10 36	0 30	9 23	0 47	4 27	16 33	19 21	19 38	13 45	17 51	5 26	
T 27	2 17	19 29	0 5	1 41	1 44	14 2	0 25	10 9	1 11	6 15	1 35	6 21	2 16	10 37	0 30	9 23	0 47	4 27	16 33	19 20	19 39	13 44	17 50	5 27	
F 28	2 40	17 24	0s58	0 49	1 38	13 45	0 21	9 51	1 11	6 12	1 35	6 24	2 16	10 38	0 30	9 22	0 47	4 26	16 33	19 21	19 40	13 42	17 50	5 27	
S 29	3 4	14 36	1 58	0n 4	1 31	13 27	0 16	9 34	1 11	6 9	1 35	6 27	2 16	10 39	0 30	9 21	0 47	4 26	16 33	19 21	19 40	13 41	17 49	5 28	
S 30	3 27	11 12	2 53	0 57	1 24	13 9	0 12	9 16	1 11	6 6	1 35	6 30	2 16	10 40	0 30	9 21	0 47	4 25	16 32	19 22	19 41	13 39	17 48	5 29	
M31	3n51	7s20	3s41	1n52	1s17	12s51	0n 7	8s59	1s11	6s 4	1n35	6n32	2s15	10n41	0s30	9s20	0s47	4s25	16s32	19n24	19n42	13s37	17s48	5n29	

Julian Day Number = 2397182.5, Delta T = 9.66 sec
Ecliptic obliquity = 23°27'26, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°39'43, Lahiri = 21°46'43

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ASTRODIENST EPHEMERIS for the year 1851
geocentric

APRIL 1851 — 00:00 UT

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

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n14	3s 9	4s19	2n47	1s 9	12s32	0n 3	8s41	1s11	6s 1	1n35	6n35	2s15	10n43	0s30	9s19	0s47	4s24	16s32	19n27	19n42	13s36	17s47	5n30
W 2	4 37	1n13	4 46	3 43	1 1	12 13	0s 2	8 23	1 11	5 58	1 35	6 38	2 15	10 44	0 30	9 18	0 47	4 24	16 32	19 30	19 43	13 34	17 46	5 31
T 3	5 0	5 36	5 0	4 39	0 52	11 53	0 6	8 5	1 11	5 55	1 35	6 41	2 15	10 45	0 30	9 18	0 47	4 23	16 32	19 32	19 44	13 32	17 46	5 31
F 4	5 23	9 48	5 0	5 35	0 43	11 33	0 10	7 47	1 11	5 52	1 35	6 44	2 15	10 46	0 30	9 17	0 47	4 22	16 32	19 35	19 45	13 31	17 45	5 32
S 5	5 46	13 39	4 45	6 32	0 33	11 13	0 14	7 29	1 12	5 49	1 35	6 47	2 15	10 47	0 30	9 16	0 47	4 22	16 32	19 38	19 45	13 29	17 44	5 33
S 6	6 9	16 55	4 15	7 29	0 23	10 52	0 18	7 11	1 12	5 46	1 35	6 49	2 15	10 49	0 30	9 16	0 47	4 21	16 32	19 40	19 46	13 27	17 44	5 33
M 7	6 31	19 23	3 32	8 25	0 12	10 31	0 22	6 53	1 12	5 43	1 35	6 52	2 15	10 50	0 30	9 15	0 47	4 21	16 32	19 41	19 47	13 26	17 43	5 34
T 8	6 54	20 51	2 36	9 22	0 2	10 10	0 26	6 35	1 12	5 40	1 35	6 55	2 15	10 51	0 30	9 14	0 47	4 20	16 31	19 42	19 47	13 24	17 42	5 35
W 9	7 16	21 8	1 31	10 17	0n 9	9 48	0 30	6 17	1 12	5 37	1 35	6 58	2 15	10 52	0 30	9 14	0 47	4 20	16 31	19 42	19 48	13 22	17 42	5 35
T 10	7 39	20 9	0 18	11 12	0 21	9 26	0 34	5 59	1 12	5 35	1 35	7 1	2 15	10 53	0 30	9 13	0 47	4 19	16 31	19 42	19 49	13 21	17 41	5 36
F 11	8 1	17 53	0n56	12 6	0 32	9 4	0 38	5 40	1 12	5 32	1 35	7 4	2 15	10 55	0 30	9 12	0 47	4 19	16 31	19 42	19 49	13 19	17 40	5 37
S 12	8 23	14 27	2 9	12 59	0 43	8 41	0 41	5 22	1 12	5 29	1 35	7 6	2 15	10 56	0 30	9 12	0 47	4 18	16 31	19 42	19 50	13 17	17 39	5 37
S 13	8 45	10 6	3 14	13 50	0 54	8 18	0 45	5 4	1 12	5 26	1 35	7 9	2 15	10 57	0 30	9 11	0 47	4 18	16 31	19 43	19 51	13 16	17 39	5 38
M14	9 7	5 5	4 6	14 40	1 5	7 55	0 48	4 45	1 12	5 23	1 35	7 12	2 15	10 58	0 30	9 10	0 47	4 17	16 31	19 45	19 52	13 14	17 38	5 39
T 15	9 28	0s13	4 42	15 28	1 16	7 32	0 51	4 27	1 12	5 20	1 35	7 15	2 15	10 59	0 30	9 10	0 47	4 17	16 31	19 47	19 52	13 12	17 37	5 39
W16	9 50	5 28	4 59	16 14	1 26	7 8	0 55	4 9	1 11	5 17	1 35	7 18	2 15	11 1	0 30	9 9	0 47	4 16	16 31	19 49	19 53	13 11	17 37	5 40
T 17	10 11	10 20	4 57	16 58	1 36	6 44	0 58	3 50	1 11	5 14	1 35	7 20	2 15	11 2	0 30	9 8	0 47	4 16	16 31	19 52	19 54	13 9	17 36	5 41
F 18	10 32	14 30	4 36	17 39	1 46	6 20	1 1	3 32	1 11	5 12	1 35	7 23	2 15	11 3	0 30	9 8	0 47	4 15	16 31	19 54	19 54	13 7	17 35	5 41
S 19	10 53	17 47	4 0	18 18	1 55	5 56	1 4	3 13	1 11	5 9	1 35	7 26	2 15	11 4	0 30	9 7	0 47	4 15	16 31	19 56	19 55	13 5	17 35	5 42
S 20	11 14	20 1	3 12	18 55	2 3	5 31	1 7	2 55	1 11	5 6	1 35	7 29	2 15	11 6	0 30	9 7	0 47	4 14	16 31	19 58	19 56	13 4	17 34	5 42
M21	11 35	21 8	2 15	19 29	2 11	5 6	1 10	2 36	1 11	5 3	1 35	7 31	2 15	11 7	0 30	9 6	0 47	4 14	16 31	19 59	19 56	13 2	17 33	5 43
T 22	11 55	21 11	1 13	20 1	2 18	4 41	1 12	2 17	1 11	5 1	1 34	7 34	2 15	11 8	0 30	9 6	0 48	4 13	16 31	19 59	19 57	13 0	17 32	5 44
W23	12 15	20 13	0 10	20 30	2 24	4 16	1 15	1 59	1 11	4 58	1 34	7 37	2 15	11 9	0 30	9 5	0 48	4 13	16 31	19 59	19 58	12 59	17 32	5 44
T 24	12 35	18 21	0s53	20 56	2 30	3 51	1 18	1 40	1 11	4 55	1 34	7 40	2 15	11 10	0 30	9 4	0 48	4 12	16 31	19 59	19 59	12 57	17 31	5 45
F 25	12 55	15 43	1 53	21 20	2 34	3 25	1 20	1 22	1 11	4 53	1 34	7 42	2 15	11 12	0 30	9 4	0 48	4 12	16 31	19 59	19 59	12 55	17 30	5 45
S 26	13 15	12 27	2 48	21 41	2 38	3 0	1 22	1 3	1 11	4 50	1 34	7 45	2 15	11 13	0 30	9 3	0 48	4 11	16 31	20 0	20 0	12 53	17 30	5 46
S 27	13 34	8 40	3 36	22 0	2 40	2 34	1 25	0 45	1 11	4 48	1 34	7 48	2 15	11 14	0 30	9 3	0 48	4 11	16 31	20 1	20 1	12 52	17 29	5 47
M28	13 53	4 32	4 15	22 16	2 42	2 8	1 27	0 26	1 10	4 45	1 34	7 50	2 15	11 15	0 30	9 2	0 48	4 11	16 31	20 3	20 1	12 50	17 28	5 47
T 29	14 12	0 9	4 43	22 30	2 43	1 42	1 29	0 7	1 10	4 43	1 34	7 53	2 15	11 16	0 30	9 2	0 48	4 10	16 31	20 5	20 2	12 48	17 28	5 48
W30	14n31	4n19	4s58	22n41	2n42	1s16	1s31	0n11	1s10	4s40	1n33	7n56	2s15	11n18	0s30	9s 1	0s48	4s10	16s31	20n 8	20n 3	12s46	17s27	5n48

Julian Day Number = 2397213.5, Delta T = 9.69 sec
Ecliptic obliquity = 23°27'27, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°39'47, Lahiri = 21°46'48

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ASTRODIENST EPHEMERIS for the year 1851
geocentric

MAY 1851 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 33 18	10♉ 0'26	5♉34	0♊14	1♈29	3♈56	15°R24	26♈ 5	0♉52	8♓48	29♈34	29°R58	0♌31	3♓50	22°R28	T 1
F 2	14 37 15	10°58'38	18°24	0°57	2°40	4°42	15♎18	26°12	0°55	8°49	29°36	29♋45	0°28	3°57	22♐25	F 2
S 3	14 41 12	11°56'48	1♊27	1°34	3°50	5°28	15°11	26°20	0°58	8°50	29°37	29°34	0°24	4° 4	22°23	S 3
S 4	14 45 8	12°54'56	14°43	2° 6	5° 1	6°14	15° 5	26°27	1° 2	8°52	29°39	29°25	0°21	4°10	22°20	S 4
M 5	14 49 5	13°53'03	28° 8	2°33	6°11	7° 0	14°59	26°34	1° 5	8°53	29°40	29°19	0°18	4°17	22°17	M 5
T 6	14 53 1	14°51'07	11♋44	2°54	7°22	7°46	14°53	26°42	1° 9	8°54	29°41	29°16	0°15	4°24	22°14	T 6
W 7	14 56 58	15°49'10	25°29	3°11	8°32	8°32	14°48	26°49	1°12	8°55	29°43	29°D15	0°12	4°31	22°11	W 7
T 8	15 0 54	16°47'11	9♌24	3°22	9°43	9°18	14°42	26°57	1°15	8°56	29°44	29°R15	0° 9	4°37	22° 9	T 8
F 9	15 4 51	17°45'09	23°28	3°28	10°54	10° 4	14°36	27° 4	1°19	8°57	29°45	29°15	0° 5	4°44	22° 6	F 9
S 10	15 8 47	18°43'06	7♍41	3°R28	12° 5	10°50	14°31	27°11	1°22	8°59	29°47	29°14	0° 2	4°51	22° 2	S 10
S 11	15 12 44	19°41'01	22° 0	3°24	13°15	11°36	14°26	27°18	1°25	9° 0	29°48	29°10	29♋59	4°57	21°59	S 11
M12	15 16 41	20°38'54	6♎24	3°15	14°26	12°21	14°21	27°26	1°29	9° 1	29°49	29° 4	29°56	5° 4	21°56	M12
T 13	15 20 37	21°36'46	20°47	3° 2	15°37	13° 7	14°16	27°33	1°32	9° 2	29°51	28°56	29°53	5°11	21°53	T 13
W14	15 24 34	22°34'36	5♏ 4	2°45	16°48	13°53	14°11	27°40	1°35	9° 2	29°52	28°46	29°50	5°17	21°50	W14
T 15	15 28 30	23°32'24	19°10	2°23	17°59	14°38	14° 6	27°47	1°38	9° 3	29°53	28°36	29°46	5°24	21°46	T 15
F 16	15 32 27	24°30'11	2♐59	1°59	19°10	15°24	14° 2	27°54	1°42	9° 4	29°54	28°26	29°43	5°31	21°43	F 16
S 17	15 36 23	25°27'56	16°28	1°31	20°21	16°10	13°58	28° 1	1°45	9° 5	29°56	28°18	29°40	5°37	21°39	S 17
S 18	15 40 20	26°25'41	29°35	1° 1	21°32	16°55	13°54	28° 8	1°48	9° 6	29°57	28°12	29°37	5°44	21°36	S 18
M19	15 44 16	27°23'24	12♑20	0°29	22°43	17°41	13°50	28°15	1°51	9° 7	29°58	28° 9	29°34	5°51	21°32	M19
T 20	15 48 13	28°21'05	24°46	29♉55	23°54	18°26	13°46	28°22	1°55	9° 8	29°59	28°D 8	29°30	5°57	21°29	T 20
W21	15 52 10	29°18'46	6♒55	29°21	25° 6	19°11	13°42	28°29	1°58	9° 8	0♉ 1	28° 8	29°27	6° 4	21°25	W21
T 22	15 56 6	0♊16'26	18°53	28°46	26°17	19°57	13°39	28°36	2° 1	9° 9	0° 2	28° 9	29°24	6°11	21°21	T 22
F 23	16 0 3	1°14'04	0♓45	28°12	27°28	20°42	13°35	28°43	2° 4	9°10	0° 3	28°R 9	29°21	6°17	21°17	F 23
S 24	16 3 59	2°11'42	12°35	27°39	28°39	21°27	13°32	28°50	2° 7	9°10	0° 4	28° 8	29°18	6°24	21°14	S 24
S 25	16 7 56	3° 9'19	24°29	27° 8	29°51	22°13	13°29	28°57	2°10	9°11	0° 6	28° 6	29°15	6°31	21°10	S 25
M26	16 11 52	4° 6'54	6♈31	26°39	1♉ 2	22°58	13°26	29° 3	2°13	9°11	0° 7	28° 2	29°11	6°37	21° 6	M26
T 27	16 15 49	5° 4'29	18°47	26°12	2°14	23°43	13°24	29°10	2°16	9°12	0° 8	27°55	29° 8	6°44	21° 2	T 27
W28	16 19 45	6° 2'03	1♉18	25°48	3°25	24°28	13°21	29°17	2°19	9°13	0° 9	27°47	29° 5	6°51	20°58	W28
T 29	16 23 42	6°59'36	14° 6	25°28	4°36	25°13	13°19	29°23	2°22	9°13	0°10	27°38	29° 2	6°57	20°54	T 29
F 30	16 27 39	7°57'08	27°12	25°11	5°48	25°58	13°17	29°30	2°25	9°13	0°11	27°29	28°59	7° 4	20°50	F 30
S 31	16 31 35	8♊54'39	10♊35	24♉58	7♉ 0	26♈43	13♎15	29♈37	2♉28	9♓14	0♉12	27♋22	28♋55	7♓11	20♐46	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	14n50	8n41	4s59	22n50	2n41	0s50	1s33	0n30	1s10	4s38	1n33	7n59	2s15	11n19	0s30	9s 1	0s48	4s 9	16s31	20n10	20n 3	12s45	17s26	5n49	T 1
F 2	15 8	12 45	4 45	22 57	2 38	0 23	1 35	0 48	1 10	4 36	1 33	8 1	2 15	11 20	0 30	9 1	0 48	4 9	16 31	20 13	20 4	12 43	17 25	5 50	F 2
S 3	15 26	16 17	4 16	23 1	2 35	0n 3	1 37	1 7	1 10	4 33	1 33	8 4	2 15	11 21	0 30	9 0	0 48	4 8	16 31	20 15	20 5	12 41	17 25	5 50	S 3
S 4	15 44	19 4	3 33	23 3	2 30	0 29	1 38	1 25	1 9	4 31	1 33	8 6	2 16	11 22	0 30	9 0	0 48	4 8	16 31	20 17	20 5	12 39	17 24	5 51	S 4
M 5	16 1	20 50	2 37	23 2	2 24	0 56	1 40	1 43	1 9	4 29	1 33	8 9	2 16	11 24	0 30	8 59	0 48	4 8	16 31	20 19	20 6	12 38	17 23	5 51	M 5
T 6	16 18	21 25	1 31	23 0	2 17	1 22	1 41	2 2	1 9	4 27	1 32	8 12	2 16	11 25	0 30	8 59	0 48	4 7	16 31	20 19	20 7	12 36	17 23	5 52	T 6
W 7	16 35	20 44	0 20	22 55	2 9	1 49	1 43	2 20	1 9	4 25	1 32	8 14	2 16	11 26	0 30	8 58	0 48	4 7	16 31	20 19	20 7	12 34	17 22	5 52	W 7
T 8	16 52	18 47	0n54	22 48	1 59	2 16	1 44	2 38	1 8	4 23	1 32	8 17	2 16	11 27	0 30	8 58	0 48	4 7	16 31	20 19	20 8	12 32	17 21	5 53	T 8
F 9	17 8	15 40	2 5	22 39	1 49	2 42	1 45	2 57	1 8	4 21	1 32	8 19	2 16	11 28	0 30	8 58	0 48	4 6	16 32	20 19	20 9	12 31	17 21	5 53	F 9
S 10	17 24	11 37	3 9	22 28	1 37	3 9	1 46	3 15	1 8	4 19	1 32	8 22	2 16	11 29	0 30	8 57	0 48	4 6	16 32	20 20	20 9	12 29	17 20	5 54	S 10
S 11	17 40	6 53	4 2	22 14	1 25	3 35	1 47	3 33	1 8	4 17	1 31	8 24	2 16	11 31	0 30	8 57	0 48	4 6	16 32	20 20	20 10	12 27	17 19	5 54	S 11
M12	17 56	1 44	4 40	21 59	1 11	4 2	1 48	3 51	1 8	4 15	1 31	8 27	2 16	11 32	0 30	8 57	0 48	4 5	16 32	20 22	20 11	12 25	17 19	5 55	M12
T 13	18 11	3s29	5 0	21 43	0 57	4 29	1 49	4 9	1 7	4 14	1 31	8 29	2 16	11 33	0 30	8 56	0 48	4 5	16 32	20 23	20 11	12 23	17 18	5 55	T 13
W14	18 26	8 29	5 1	21 24	0 42	4 55	1 50	4 27	1 7	4 12	1 31	8 32	2 16	11 34	0 30	8 56	0 48	4 5	16 32	20 25	20 12	12 22	17 17	5 56	W14
T 15	18 40	12 59	4 44	21 4	0 26	5 22	1 50	4 45	1 7	4 11	1 31	8 34	2 16	11 35	0 30	8 56	0 48	4 4	16 32	20 27	20 13	12 20	17 17	5 56	T 15
F 16	18 55	16 41	4 10	20 43	0 9	5 48	1 51	5 3	1 6	4 9	1 30	8 37	2 16	11 36	0 30	8 55	0 48	4 4	16 32	20 29	20 13	12 18	17 16	5 56	F 16
S 17	19 9	19 24	3 23	20 21	0s 8	6 14	1 51	5 21	1 6	4 8	1 30	8 39	2 16	11 37	0 30	8 55	0 48	4 4	16 32	20 31	20 14	12 16	17 15	5 57	S 17
S 18	19 22	21 1	2 26	19 58	0 25	6 40	1 52	5 38	1 6	4 6	1 30	8 42	2 17	11 38	0 30	8 55	0 48	4 3	16 33	20 32	20 15	12 14	17 15	5 57	S 18
M19	19 35	21 30	1 23	19 34	0 43	7 7	1 52	5 56	1 6	4 5	1 30	8 44	2 17	11 39	0 30	8 54	0 48	4 3	16 33	20 33	20 15	12 13	17 14	5 58	M19
T 20	19 48	20 54	0 18	19 10	1 1	7 33	1 52	6 14	1 5	4 4	1 30	8 46	2 17	11 41	0 30	8 54	0 48	4 3	16 33	20 33	20 16	12 11	17 14	5 58	T 20
W21	20 1	19 19	0s47	18 45	1 18	7 58	1 52	6 31	1 5	4 2	1 29	8 49	2 17	11 42	0 30	8 54	0 49	4 2	16 33	20 33	20 17	12 9	17 13	5 59	W21
T 22	20 13	16 54	1 49	18 21	1 35	8 24	1 52	6 49	1 5	4 1	1 29	8 51	2 17	11 43	0 30	8 54	0 49	4 2	16 33	20 33	20 17	12 7	17 12	5 59	T 22
F 23	20 25	13 48	2 46	17 58	1 52	8 50	1 52	7 6	1 4	4 0	1 29	8 53	2 17	11 44	0 30	8 53	0 49	4 2	16 33	20 33	20 18	12 5	17 12	5 59	F 23
S 24	20 37	10 9	3 35	17 35	2 8	9 15	1 52	7 23	1 4	3 59	1 29	8 56	2 17	11 45	0 30	8 53	0 49	4 2	16 33	20 33	20 19	12 3	17 11	6 0	S 24
S 25	20 48	6 6	4 16	17 13	2 23	9 41	1 52	7 40	1 3	3 58	1 28	8 58	2 17	11 46	0 30	8 53	0 49	4 1	16 34	20 33	20 19	12 2	17 10	6 0	S 25
M26	20 59	1 47	4 45	16 52	2 37	10 6	1 52	7 57	1 3	3 57	1 28	9 0	2 17	11 47	0 30	8 53	0 49	4 1	16 34	20 34	20 20	12 0	17 10	6 0	M26
T 27	21 10	2n42	5 3	16 33	2 51	10 31	1 52	8 14	1 3	3 56	1 28	9 3	2 18	11 48	0 30	8 53	0 49	4 1	16 34	20 36	20 21	11 58	17 9	6 1	T 27
W28	21 20	7 9	5 6	16 15	3 3	10 55	1 51	8 31	1 2	3 56	1 28	9 5	2 18	11 49	0 30	8 53	0 49	4 1	16 34	20 37	20 21	11 56	17 9	6 1	W28
T 29	21 30	11 24	4 54	16 0	3 14	11 20	1 51	8 48	1 2	3 55	1 27	9 7	2 18	11 50	0 30	8 52	0 49	4 1	16 34	20 39	20 22	11 54	17 8	6 1	T 29
F 30	21 39	15 13	4 27	15 46	3 24	11 44	1 50	9 5	1 2	3 55	1 27	9 9	2 18	11 51	0 30	8 52	0 49	4 0	16 35	20 41	20 23	11 52	17 8	6 2	F 30
S 31	21n48	18n21	3s44	15n34	3s33	12n 8	1s49	9n21	1s 1	3s54	1n27	9n11	2s18	11n52	0s30	8s52	0s49	4s 0	16s35	20n42	20n23	11s51	17s 7	6n 2	S 31

Julian Day Number = 2397243.5, Delta T = 9.71 sec
Ecliptic obliquity = 23°27'27, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°39'51, Lahiri = 21°46'52

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ASTRODIENST EPHEMERIS for the year 1851
geocentric

JUNE 1851 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 35 32	9♊52'09	24♊13	24°R50	8♉11	27♈28	13°R13	29♈43	2♉31	9♓14	0♉14	27°R16	28♋52	7♓17	20°R42	S 1
M 2	16 39 28	10°49'38	8♋ 4	24♉45	9°23	28°13	13♎11	29°49	2°34	9°15	0°15	27♋12	28°49	7°24	20♐38	M 2
T 3	16 43 25	11°47'05	22° 3	24°D45	10°34	28°57	13°10	29°56	2°37	9°15	0°16	27°D11	28°46	7°31	20°34	T 3
W 4	16 47 21	12°44'32	6♌ 9	24°49	11°46	29°42	13° 9	0♉ 2	2°40	9°15	0°17	27°11	28°43	7°37	20°30	W 4
T 5	16 51 18	13°41'58	20°18	24°58	12°58	0♉27	13° 8	0° 8	2°42	9°15	0°18	27°12	28°40	7°44	20°26	T 5
F 6	16 55 15	14°39'22	4♍29	25°12	14° 9	1°11	13° 7	0°15	2°45	9°16	0°19	27°13	28°36	7°51	20°22	F 6
S 7	16 59 11	15°36'45	18°40	25°30	15°21	1°56	13° 6	0°21	2°48	9°16	0°20	27°R14	28°33	7°57	20°18	S 7
S 8	17 3 8	16°34'07	2♎49	25°52	16°33	2°40	13° 6	0°27	2°51	9°16	0°21	27°13	28°30	8° 4	20°14	S 8
M 9	17 7 4	17°31'27	16°54	26°19	17°45	3°25	13° 5	0°33	2°53	9°16	0°22	27°10	28°27	8°11	20° 9	M 9
T 10	17 11 1	18°28'47	0♏54	26°50	18°56	4° 9	13°D 5	0°39	2°56	9°16	0°23	27° 5	28°24	8°17	20° 5	T 10
W11	17 14 57	19°26'06	14°44	27°25	20° 8	4°53	13° 5	0°45	2°59	9°16	0°24	27° 0	28°21	8°24	20° 1	W11
T 12	17 18 54	20°23'24	28°23	28° 4	21°20	5°37	13° 5	0°51	3° 1	9°R16	0°25	26°54	28°17	8°31	19°57	T 12
F 13	17 22 50	21°20'41	11♐48	28°48	22°32	6°21	13° 6	0°56	3° 4	9°16	0°26	26°49	28°14	8°37	19°53	F 13
S 14	17 26 47	22°17'58	24°57	29°36	23°44	7° 6	13° 6	1° 2	3° 6	9°16	0°27	26°44	28°11	8°44	19°49	S 14
S 15	17 30 44	23°15'14	7♑49	0♊27	24°56	7°50	13° 7	1° 8	3° 9	9°16	0°28	26°41	28° 8	8°51	19°45	S 15
M16	17 34 40	24°12'29	20°24	1°22	26° 8	8°34	13° 8	1°13	3°11	9°16	0°29	26°40	28° 5	8°57	19°41	M16
T 17	17 38 37	25° 9'45	2♒43	2°22	27°20	9°18	13° 9	1°19	3°14	9°16	0°30	26°D40	28° 1	9° 4	19°36	T 17
W18	17 42 33	26° 6'59	14°50	3°24	28°32	10° 1	13°11	1°24	3°16	9°16	0°30	26°41	27°58	9°11	19°32	W18
T 19	17 46 30	27° 4'14	26°47	4°31	29°44	10°45	13°12	1°30	3°18	9°16	0°31	26°42	27°55	9°18	19°28	T 19
F 20	17 50 26	28° 1'28	8♓39	5°41	0♊56	11°29	13°14	1°35	3°21	9°15	0°32	26°44	27°52	9°24	19°24	F 20
S 21	17 54 23	28°58'42	20°30	6°55	2° 8	12°13	13°15	1°40	3°23	9°15	0°33	26°45	27°49	9°31	19°20	S 21
S 22	17 58 19	29°55'55	2♈25	8°12	3°21	12°56	13°17	1°46	3°25	9°15	0°34	26°R45	27°46	9°38	19°16	S 22
M23	18 2 16	0♋53'09	14°29	9°33	4°33	13°40	13°20	1°51	3°28	9°14	0°35	26°45	27°42	9°44	19°12	M23
T 24	18 6 13	1°50'23	26°46	10°57	5°45	14°23	13°22	1°56	3°30	9°14	0°35	26°43	27°39	9°51	19° 8	T 24
W25	18 10 9	2°47'36	9♉20	12°25	6°57	15° 7	13°24	2° 1	3°32	9°14	0°36	26°40	27°36	9°58	19° 4	W25
T 26	18 14 6	3°44'50	22°14	13°56	8°10	15°50	13°27	2° 6	3°34	9°13	0°37	26°37	27°33	10° 4	19° 0	T 26
F 27	18 18 2	4°42'04	5♊30	15°30	9°22	16°33	13°30	2°11	3°36	9°13	0°38	26°33	27°30	10°11	18°56	F 27
S 28	18 21 59	5°39'17	19° 7	17° 8	10°34	17°16	13°33	2°15	3°38	9°12	0°38	26°31	27°27	10°18	18°53	S 28
S 29	18 25 55	6°36'31	3♋ 5	18°48	11°47	18° 0	13°36	2°20	3°40	9°12	0°39	26°29	27°23	10°24	18°49	S 29
M30	18 29 52	7♋33'44	17♋18	20♊32	12♊59	18♉43	13♎40	2♉25	3♉42	9♓11	0♉40	26♋27	27♋20	10♓31	18♐45	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21n57	20n32	2s48	15n25	3s41	12n32	1s49	9n38	1s 1	3s54	1n27	9n13	2s18	11n53	0s30	8s52	0s49	4s 0	16s35	20n43	20n24	11s49	17s 7	6n 2	
M 2	22 5	21 31	1 41	15 17	3 47	12 56	1 48	9 54	1 0	3 53	1 26	9 16	2 18	11 54	0 30	8 52	0 49	4 0	16 35	20 44	20 25	11 47	17 6	6 2	
T 3	22 13	21 12	0 28	15 12	3 53	13 19	1 47	10 11	1 0	3 53	1 26	9 18	2 19	11 55	0 30	8 52	0 49	4 0	16 35	20 44	20 25	11 45	17 5	6 3	
W 4	22 21	19 32	0n48	15 9	3 57	13 42	1 46	10 27	0 59	3 53	1 26	9 20	2 19	11 56	0 30	8 52	0 49	3 59	16 36	20 44	20 26	11 43	17 5	6 3	
T 5	22 28	16 39	2 2	15 9	4 0	14 4	1 45	10 43	0 59	3 52	1 25	9 22	2 19	11 57	0 30	8 52	0 49	3 59	16 36	20 44	20 27	11 41	17 4	6 3	
F 6	22 34	12 48	3 8	15 10	4 2	14 27	1 44	10 59	0 59	3 52	1 25	9 24	2 19	11 58	0 30	8 52	0 49	3 59	16 36	20 44	20 27	11 39	17 4	6 3	
S 7	22 41	8 13	4 3	15 13	4 2	14 49	1 43	11 15	0 58	3 52	1 25	9 26	2 19	11 59	0 30	8 52	0 49	3 59	16 36	20 44	20 28	11 37	17 3	6 4	
S 8	22 47	3 12	4 43	15 19	4 2	15 11	1 41	11 30	0 58	3 52	1 25	9 28	2 19	12 0	0 30	8 52	0 49	3 59	16 36	20 44	20 29	11 36	17 3	6 4	
M 9	22 52	1s57	5 5	15 26	4 1	15 32	1 40	11 46	0 57	3 53	1 24	9 30	2 19	12 1	0 30	8 52	0 49	3 59	16 37	20 45	20 29	11 34	17 2	6 4	
T 10	22 57	6 57	5 10	15 35	3 59	15 53	1 39	12 1	0 57	3 53	1 24	9 32	2 20	12 2	0 30	8 52	0 49	3 59	16 37	20 45	20 30	11 32	17 2	6 4	
W11	23 2	11 33	4 56	15 46	3 56	16 14	1 37	12 17	0 56	3 53	1 24	9 33	2 20	12 2	0 30	8 52	0 49	3 59	16 37	20 46	20 31	11 30	17 2	6 4	
T 12	23 7	15 30	4 25	15 59	3 52	16 34	1 36	12 32	0 56	3 53	1 24	9 35	2 20	12 3	0 30	8 52	0 49	3 59	16 37	20 48	20 31	11 28	17 1	6 4	
F 13	23 10	18 35	3 40	16 13	3 47	16 54	1 34	12 47	0 55	3 54	1 23	9 37	2 20	12 4	0 30	8 52	0 49	3 58	16 38	20 49	20 32	11 26	17 1	6 5	
S 14	23 14	20 37	2 44	16 29	3 41	17 14	1 33	13 2	0 55	3 54	1 23	9 39	2 20	12 5	0 30	8 52	0 49	3 58	16 38	20 49	20 32	11 24	17 0	6 5	
S 15	23 17	21 33	1 41	16 45	3 35	17 33	1 31	13 17	0 54	3 55	1 23	9 41	2 20	12 6	0 30	8 52	0 49	3 58	16 38	20 50	20 33	11 22	17 0	6 5	
M16	23 20	21 21	0 34	17 3	3 28	17 51	1 29	13 31	0 54	3 55	1 23	9 43	2 21	12 7	0 30	8 52	0 49	3 58	16 38	20 50	20 34	11 20	16 59	6 5	
T 17	23 22	20 6	0s33	17 22	3 20	18 10	1 27	13 46	0 53	3 56	1 22	9 44	2 21	12 7	0 30	8 52	0 50	3 58	16 39	20 50	20 34	11 19	16 59	6 5	
W18	23 24	17 57	1 38	17 42	3 12	18 27	1 26	14 0	0 52	3 57	1 22	9 46	2 21	12 8	0 30	8 52	0 50	3 58	16 39	20 50	20 35	11 17	16 59	6 5	
T 19	23 25	15 4	2 38	18 3	3 3	18 45	1 24	14 14	0 52	3 58	1 22	9 48	2 21	12 9	0 30	8 52	0 50	3 58	16 39	20 50	20 36	11 15	16 58	6 5	
F 20	23 27	11 35	3 30	18 25	2 54	19 2	1 22	14 28	0 51	3 59	1 21	9 49	2 21	12 10	0 30	8 52	0 50	3 58	16 40	20 50	20 36	11 13	16 58	6 5	
S 21	23 27	7 39	4 14	18 47	2 44	19 18	1 20	14 42	0 51	3 59	1 21	9 51	2 22	12 11	0 30	8 52	0 50	3 58	16 40	20 49	20 37	11 11	16 58	6 5	
S 22	23 27	3 25	4 46	19 9	2 34	19 34	1 18	14 56	0 50	4 0	1 21	9 53	2 22	12 11	0 30	8 53	0 50	3 58	16 40	20 49	20 37	11 9	16 57	6 5	
M23	23 27	0n59	5 7	19 32	2 23	19 49	1 16	15 10	0 50	4 2	1 21	9 54	2 22	12 12	0 30	8 53	0 50	3 58	16 40	20 49	20 38	11 7	16 57	6 5	
T 24	23 27	5 26	5 14	19 55	2 12	20 4	1 14	15 23	0 49	4 3	1 20	9 56	2 22	12 13	0 30	8 53	0 50	3 58	16 41	20 50	20 39	11 5	16 57	6 5	
W25	23 26	9 46	5 7	20 18	2 1	20 19	1 12	15 36	0 48	4 4	1 20	9 57	2 22	12 14	0 30	8 53	0 50	3 58	16 41	20 50	20 39	11 3	16 56	6 5	
T 26	23 24	13 46	4 44	20 41	1 49	20 33	1 9	15 50	0 48	4 5	1 20	9 59	2 23	12 14	0 30	8 53	0 50	3 58	16 41	20 51	20 40	11 1	16 56	6 5	
F 27	23 22	17 13	4 5	21 3	1 38	20 46	1 7	16 3	0 47	4 7	1 20	10 0	2 23	12 15	0 30	8 54	0 50	3 58	16 42	20 52	20 41	10 59	16 56	6 5	
S 28	23 20	19 50	3 11	21 25	1 25	20 59	1 5	16 15	0 47	4 8	1 19	10 2	2 23	12 16	0 30	8 54	0 50	3 58	16 42	20 52	20 41	10 57	16 55	6 5	
S 29	23 18	21 20	2 5	21 46	1 13	21 11	1 3	16 28	0 46	4 9	1 19	10 3	2 23	12 16	0 30	8 54	0 50	3 58	16 42	20 52	20 42	10 55	16 55	6 5	
M30	23n14	21n30	0s50	22n 6	1s 1	21n23	1s 0	16n41	0s45	4s11	1n19	10n 4	2s23	12n17	0s30	8s54	0s50	3s58	16s42	20n53	20n42	10s53	16s55	6n 5	

Julian Day Number = 2397274.5, Delta T = 9.74 sec
Ecliptic obliquity = 23°27'26, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°39'56, Lahiri = 21°46'56

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ASTRODIENST EPHEMERIS for the year 1851
geocentric

JULY 1851 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 33 48	8♋30'57	1♌43	22♊19	14♊12	19♉26	13♎43	2♉29	3♉44	9°R11	0♉40	26°D27	27♋17	10♓38	18°R41	T 1
W 2	18 37 45	9°28'11	16°15	24° 9	15°24	20° 8	13°47	2°34	3°46	9♓10	0°41	26♋28	27°14	10°44	18♐37	W 2
T 3	18 41 42	10°25'23	0♍47	26° 2	16°37	20°51	13°51	2°38	3°47	9° 9	0°41	26°29	27°11	10°51	18°34	T 3
F 4	18 45 38	11°22'36	15°15	27°58	17°49	21°34	13°55	2°42	3°49	9° 9	0°42	26°30	27° 7	10°58	18°30	F 4
S 5	18 49 35	12°19'48	29°36	29°56	19° 2	22°17	13°59	2°46	3°51	9° 8	0°43	26°31	27° 4	11° 4	18°27	S 5
S 6	18 53 31	13°17'00	13♎45	1♋56	20°14	22°59	14° 3	2°51	3°53	9° 7	0°43	26°R31	27° 1	11°11	18°23	S 6
M 7	18 57 28	14°14'12	27°42	3°58	21°27	23°42	14° 8	2°55	3°54	9° 7	0°44	26°31	26°58	11°18	18°20	M 7
T 8	19 1 24	15°11'23	11♏25	6° 2	22°40	24°24	14°12	2°59	3°56	9° 6	0°44	26°30	26°55	11°24	18°16	T 8
W 9	19 5 21	16° 8'35	24°54	8° 8	23°52	25° 7	14°17	3° 2	3°57	9° 5	0°45	26°29	26°52	11°31	18°13	W 9
T 10	19 9 17	17° 5'46	8♐ 9	10°15	25° 5	25°49	14°22	3° 6	3°59	9° 4	0°45	26°28	26°48	11°38	18°10	T 10
F 11	19 13 14	18° 2'58	21°10	12°23	26°18	26°31	14°27	3°10	4° 0	9° 3	0°45	26°27	26°45	11°45	18° 6	F 11
S 12	19 17 11	19° 0'10	3♑56	14°32	27°30	27°13	14°32	3°14	4° 2	9° 2	0°46	26°26	26°42	11°51	18° 3	S 12
S 13	19 21 7	19°57'22	16°30	16°41	28°43	27°55	14°38	3°17	4° 3	9° 1	0°46	26°25	26°39	11°58	18° 0	S 13
M14	19 25 4	20°54'34	28°51	18°50	29°56	28°37	14°43	3°21	4° 5	9° 1	0°47	26°D25	26°36	12° 5	17°57	M14
T 15	19 29 0	21°51'47	11♒ 1	20°59	1♋ 9	29°19	14°49	3°24	4° 6	9° 0	0°47	26°25	26°33	12°11	17°54	T 15
W16	19 32 57	22°49'00	23° 2	23° 7	2°22	0♊ 1	14°55	3°27	4° 7	8°59	0°47	26°26	26°29	12°18	17°51	W16
T 17	19 36 53	23°46'13	4♓57	25°15	3°35	0°43	15° 1	3°30	4° 8	8°58	0°48	26°26	26°26	12°25	17°48	T 17
F 18	19 40 50	24°43'28	16°48	27°22	4°48	1°25	15° 7	3°33	4° 9	8°57	0°48	26°26	26°23	12°31	17°45	F 18
S 19	19 44 46	25°40'42	28°38	29°27	6° 1	2° 6	15°13	3°36	4°11	8°55	0°48	26°27	26°20	12°38	17°42	S 19
S 20	19 48 43	26°37'58	10♈33	1♌32	7°14	2°48	15°20	3°39	4°12	8°54	0°49	26°R27	26°17	12°45	17°40	S 20
M21	19 52 40	27°35'14	22°36	3°35	8°27	3°29	15°26	3°42	4°13	8°53	0°49	26°D27	26°13	12°51	17°37	M21
T 22	19 56 36	28°32'32	4♉51	5°37	9°40	4°11	15°33	3°45	4°14	8°52	0°49	26°27	26°10	12°58	17°35	T 22
W23	20 0 33	29°29'50	17°24	7°37	10°53	4°52	15°40	3°47	4°15	8°51	0°49	26°27	26° 7	13° 5	17°32	W23
T 24	20 4 29	0♌27'09	0♊17	9°36	12° 6	5°33	15°47	3°50	4°15	8°50	0°49	26°27	26° 4	13°11	17°30	T 24
F 25	20 8 26	1°24'29	13°34	11°33	13°19	6°14	15°54	3°52	4°16	8°49	0°50	26°27	26° 1	13°18	17°27	F 25
S 26	20 12 22	2°21'50	27°16	13°29	14°33	6°55	16° 1	3°55	4°17	8°47	0°50	26°28	25°58	13°25	17°25	S 26
S 27	20 16 19	3°19'12	11♋23	15°23	15°46	7°36	16° 8	3°57	4°18	8°46	0°50	26°28	25°54	13°32	17°23	S 27
M28	20 20 15	4°16'35	25°51	17°15	16°59	8°17	16°16	3°59	4°18	8°45	0°50	26°R29	25°51	13°38	17°21	M28
T 29	20 24 12	5°13'59	10♌37	19° 6	18°12	8°58	16°23	4° 1	4°19	8°44	0°50	26°28	25°48	13°45	17°19	T 29
W30	20 28 9	6°11'23	25°32	20°54	19°26	9°38	16°31	4° 3	4°20	8°42	0°50	26°28	25°45	13°52	17°17	W30
T 31	20 32 5	7♌ 8'48	10♍29	22♌42	20♋39	10♊19	16♎39	4♉ 5	4♉20	8♓41	0♉50	26♋27	25♋42	13♓58	17♐15	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n11	20n16	0n29	22n25	0s49	21n34	0s58	16n53	0s45	4s13	1n19	10n 6	2s24	12n18	0s31	8s54	0s50	3s58	16s43	20n53	20n43	10s51	16s55	6n 5
W 2	23 7	17 41	1 47	22 43	0 37	21 44	0 55	17 5	0 44	4 14	1 18	10 7	2 24	12 18	0 31	8 55	0 50	3 59	16 43	20 53	20 44	10 50	16 54	6 5
T 3	23 3	13 59	2 59	22 59	0 25	21 54	0 53	17 17	0 43	4 16	1 18	10 8	2 24	12 19	0 31	8 55	0 50	3 59	16 43	20 52	20 44	10 48	16 54	6 5
F 4	22 58	9 28	3 58	23 14	0 13	22 3	0 51	17 29	0 43	4 18	1 18	10 10	2 24	12 19	0 31	8 55	0 50	3 59	16 44	20 52	20 45	10 46	16 54	6 5
S 5	22 53	4 29	4 42	23 26	0 1	22 12	0 48	17 40	0 42	4 20	1 18	10 11	2 24	12 20	0 31	8 56	0 50	3 59	16 44	20 52	20 46	10 44	16 54	6 5
S 6	22 48	0s41	5 9	23 37	0n10	22 20	0 46	17 52	0 42	4 22	1 17	10 12	2 25	12 20	0 31	8 56	0 50	3 59	16 44	20 52	20 46	10 42	16 54	6 5
M 7	22 42	5 44	5 16	23 45	0 21	22 28	0 43	18 3	0 41	4 24	1 17	10 13	2 25	12 21	0 31	8 56	0 50	3 59	16 45	20 52	20 47	10 40	16 53	6 5
T 8	22 36	10 25	5 6	23 51	0 32	22 35	0 41	18 14	0 40	4 26	1 17	10 14	2 25	12 21	0 31	8 56	0 50	3 59	16 45	20 52	20 47	10 38	16 53	6 4
W 9	22 29	14 30	4 39	23 54	0 41	22 41	0 38	18 25	0 39	4 28	1 17	10 15	2 25	12 22	0 31	8 57	0 50	3 59	16 45	20 52	20 48	10 36	16 53	6 4
T 10	22 22	17 47	3 57	23 54	0 51	22 46	0 36	18 36	0 39	4 30	1 16	10 17	2 26	12 22	0 31	8 57	0 50	4 0	16 46	20 53	20 49	10 34	16 53	6 4
F 11	22 14	20 7	3 3	23 52	1 0	22 51	0 33	18 46	0 38	4 32	1 16	10 18	2 26	12 23	0 31	8 58	0 50	4 0	16 46	20 53	20 49	10 32	16 53	6 4
S 12	22 7	21 22	2 1	23 47	1 8	22 56	0 30	18 57	0 37	4 34	1 16	10 19	2 26	12 23	0 31	8 58	0 50	4 0	16 46	20 53	20 50	10 30	16 53	6 4
S 13	21 58	21 32	0 55	23 39	1 15	22 59	0 28	19 7	0 37	4 37	1 16	10 20	2 26	12 24	0 31	8 58	0 50	4 0	16 46	20 53	20 50	10 28	16 53	6 4
M14	21 50	20 38	0s13	23 29	1 22	23 2	0 25	19 17	0 36	4 39	1 15	10 20	2 27	12 24	0 31	8 59	0 50	4 0	16 47	20 53	20 51	10 26	16 53	6 3
T 15	21 41	18 46	1 20	23 16	1 28	23 4	0 23	19 27	0 35	4 41	1 15	10 21	2 27	12 25	0 31	8 59	0 50	4 0	16 47	20 53	20 52	10 24	16 53	6 3
W16	21 32	16 5	2 22	23 0	1 33	23 6	0 20	19 37	0 34	4 44	1 15	10 22	2 27	12 25	0 31	8 59	0 51	4 1	16 47	20 53	20 52	10 22	16 52	6 3
T 17	21 22	12 46	3 18	22 42	1 37	23 7	0 17	19 46	0 34	4 46	1 15	10 23	2 27	12 26	0 31	9 0	0 51	4 1	16 48	20 53	20 53	10 20	16 52	6 3
F 18	21 12	8 58	4 5	22 21	1 41	23 7	0 15	19 55	0 33	4 49	1 14	10 24	2 27	12 26	0 31	9 0	0 51	4 1	16 48	20 53	20 54	10 18	16 52	6 3
S 19	21 1	4 50	4 41	21 58	1 44	23 7	0 12	20 4	0 32	4 52	1 14	10 25	2 28	12 26	0 31	9 1	0 51	4 1	16 48	20 53	20 54	10 16	16 52	6 2
S 20	20 51	0 30	5 5	21 33	1 46	23 6	0 10	20 13	0 31	4 54	1 14	10 25	2 28	12 27	0 31	9 1	0 51	4 1	16 49	20 53	20 55	10 14	16 52	6 2
M21	20 40	3n54	5 17	21 6	1 47	23 4	0 7	20 22	0 31	4 57	1 14	10 26	2 28	12 27	0 31	9 2	0 51	4 2	16 49	20 53	20 55	10 12	16 52	6 2
T 22	20 28	8 13	5 14	20 37	1 48	23 2	0 5	20 30	0 30	5 0	1 13	10 27	2 28	12 27	0 31	9 2	0 51	4 2	16 49	20 53	20 56	10 10	16 52	6 2
W23	20 16	12 18	4 56	20 7	1 48	22 59	0 2	20 39	0 29	5 3	1 13	10 27	2 29	12 28	0 31	9 3	0 51	4 2	16 50	20 53	20 57	10 8	16 53	6 1
T 24	20 4	15 55	4 24	19 35	1 47	22 55	0n 1	20 47	0 28	5 6	1 13	10 28	2 29	12 28	0 31	9 3	0 51	4 2	16 50	20 53	20 57	10 6	16 53	6 1
F 25	19 52	18 52	3 36	19 2	1 46	22 51	0 3	20 55	0 28	5 8	1 13	10 29	2 29	12 28	0 31	9 3	0 51	4 3	16 50	20 53	20 58	10 4	16 53	6 1
S 26	19 39	20 51	2 35	18 27	1 44	22 46	0 6	21 3	0 27	5 11	1 12	10 29	2 29	12 28	0 31	9 4	0 51	4 3	16 51	20 53	20 58	10 2	16 53	6 1
S 27	19 26	21 36	1 23	17 51	1 42	22 40	0 8	21 10	0 26	5 14	1 12	10 30	2 30	12 29	0 31	9 4	0 51	4 3	16 51	20 53	20 59	10 0	16 53	6 0
M28	19 12	20 56	0 3	17 15	1 39	22 33	0 11	21 17	0 25	5 18	1 12	10 30	2 30	12 29	0 31	9 5	0 51	4 4	16 51	20 52	20 59	9 58	16 53	6 0
T 29	18 58	18 50	1n18	16 37	1 35	22 26	0 13	21 25	0 24	5 21	1 12	10 31	2 30	12 29	0 31	9 5	0 51	4 4	16 52	20 53	21 0	9 55	16 53	6 0
W30	18 44	15 26	2 34	15 58	1 31	22 19	0 16	21 32	0 24	5 24	1 12	10 31	2 31	12 29	0 31	9 6	0 51	4 4	16 52	20 53	21 1	9 53	16 53	5 59
T 31	18n30	11n 2	3n40	15n19	1n27	22n10	0n18	21n38	0s23	5s27	1n11	10n31	2s31	12n29	0s31	9s 6	0s51	4s 4	16s52	20n53	21n 1	9s51	16s53	5n59

Julian Day Number = 2397304.5, Delta T = 9.77 sec
Ecliptic obliquity = 23°27'26, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°40'00, Lahiri = 21°47'00

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1851
geocentric

AUGUST 1851 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 36 2	8♌ 6'14	25♍19	24♌27	21♋53	11♊ 0	16♎47	4♉ 6	4♉21	8°R40	0°R50	26°R25	25♋39	14♓ 5	17°R13	F 1
S 2	20 39 58	9° 3'40	9♎56	26°11	23° 6	11°40	16°55	4° 8	4°21	8♓38	0♉50	26♋24	25°35	14°12	17♐12	S 2
S 3	20 43 55	10° 1'07	24°16	27°54	24°19	12°20	17° 3	4°10	4°21	8°37	0°50	26°23	25°32	14°18	17°10	S 3
M 4	20 47 51	10°58'35	8♏14	29°34	25°33	13° 0	17°11	4°11	4°22	8°35	0°50	26°D23	25°29	14°25	17° 8	M 4
T 5	20 51 48	11°56'03	21°52	1♍13	26°47	13°40	17°20	4°12	4°22	8°34	0°50	26°23	25°26	14°32	17° 7	T 5
W 6	20 55 44	12°53'33	5♐ 8	2°51	28° 0	14°20	17°28	4°13	4°22	8°33	0°50	26°24	25°23	14°38	17° 6	W 6
T 7	20 59 41	13°51'03	18° 7	4°27	29°14	15° 0	17°37	4°15	4°22	8°31	0°50	26°25	25°19	14°45	17° 4	T 7
F 8	21 3 38	14°48'34	0♑49	6° 1	0♌27	15°40	17°46	4°16	4°22	8°30	0°50	26°26	25°16	14°52	17° 3	F 8
S 9	21 7 34	15°46'06	13°17	7°34	1°41	16°20	17°55	4°16	4°23	8°28	0°49	26°27	25°13	14°58	17° 2	S 9
S 10	21 11 31	16°43'38	25°34	9° 5	2°55	16°59	18° 4	4°17	4°R23	8°27	0°49	26°R28	25°10	15° 5	17° 1	S 10
M11	21 15 27	17°41'12	7♒41	10°34	4° 8	17°39	18°13	4°18	4°23	8°25	0°49	26°27	25° 7	15°12	17° 0	M11
T 12	21 19 24	18°38'47	19°42	12° 2	5°22	18°18	18°22	4°18	4°23	8°24	0°49	26°26	25° 4	15°19	16°59	T 12
W13	21 23 20	19°36'24	1♓37	13°28	6°36	18°58	18°31	4°19	4°22	8°22	0°49	26°23	25° 0	15°25	16°59	W13
T 14	21 27 17	20°34'01	13°28	14°53	7°50	19°37	18°41	4°19	4°22	8°21	0°48	26°20	24°57	15°32	16°58	T 14
F 15	21 31 13	21°31'40	25°19	16°15	9° 3	20°16	18°50	4°20	4°22	8°19	0°48	26°16	24°54	15°39	16°57	F 15
S 16	21 35 10	22°29'20	7♈10	17°36	10°17	20°55	19° 0	4°20	4°22	8°17	0°48	26°11	24°51	15°45	16°57	S 16
S 17	21 39 7	23°27'02	19° 6	18°56	11°31	21°34	19° 9	4°R20	4°21	8°16	0°47	26° 7	24°48	15°52	16°57	S 17
M18	21 43 3	24°24'45	1♉ 9	20°13	12°45	22°13	19°19	4°20	4°21	8°14	0°47	26° 4	24°45	15°59	16°56	M18
T 19	21 47 0	25°22'30	13°23	21°29	13°59	22°52	19°29	4°19	4°21	8°13	0°47	26° 2	24°41	16° 5	16°56	T 19
W20	21 50 56	26°20'17	25°52	22°43	15°13	23°30	19°39	4°19	4°20	8°11	0°46	26°D 1	24°38	16°12	16°56	W20
T 21	21 54 53	27°18'05	8♊40	23°54	16°27	24° 9	19°49	4°19	4°20	8° 9	0°46	26° 2	24°35	16°19	16°D56	T 21
F 22	21 58 49	28°15'55	21°51	25° 4	17°41	24°47	19°59	4°18	4°19	8° 8	0°45	26° 3	24°32	16°25	16°56	F 22
S 23	22 2 46	29°13'47	5♋28	26°12	18°55	25°25	20° 9	4°18	4°19	8° 6	0°45	26° 5	24°29	16°32	16°56	S 23
S 24	22 6 42	0♍11'41	19°33	27°17	20° 9	26° 3	20°20	4°17	4°18	8° 5	0°45	26°R 6	24°25	16°39	16°56	S 24
M25	22 10 39	1° 9'36	4♌ 4	28°20	21°24	26°41	20°30	4°16	4°17	8° 3	0°44	26° 6	24°22	16°46	16°57	M25
T 26	22 14 36	2° 7'33	18°56	29°20	22°38	27°19	20°41	4°15	4°16	8° 1	0°44	26° 4	24°19	16°52	16°57	T 26
W27	22 18 32	3° 5'32	4♍ 5	0♎18	23°52	27°57	20°51	4°14	4°16	8° 0	0°43	26° 1	24°16	16°59	16°58	W27
T 28	22 22 29	4° 3'32	19°19	1°13	25° 6	28°35	21° 2	4°13	4°15	7°58	0°42	25°56	24°13	17° 6	16°58	T 28
F 29	22 26 25	5° 1'34	4♎28	2° 5	26°20	29°12	21°13	4°12	4°14	7°56	0°42	25°50	24°10	17°12	16°59	F 29
S 30	22 30 22	5°59'37	19°24	2°54	27°35	29°50	21°23	4°11	4°13	7°55	0°41	25°45	24° 6	17°19	17° 0	S 30
S 31	22 34 18	6♍57'42	3♏57	3♎40	28♌49	0♋27	21♎34	4♉ 9	4♉12	7♓53	0♉41	25♋40	24♋ 3	17♓26	17♐ 1	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n15	6n 0	4n31	14n40	1n22	22n 1	0n21	21n45	0s22	5s30	1n11	10n32	2s31	12n29	0s31	9s 7	0s51	4s 5	16s53	20n53	21n 2	9s49	16s53	5n59
S 2	18 0	0 43	5 4	14 0	1 16	21 51	0 23	21 51	0 21	5 34	1 11	10 32	2 31	12 30	0 31	9 8	0 51	4 5	16 53	20 53	21 2	9 47	16 54	5 58
S 3	17 45	4s31	5 16	13 19	1 10	21 41	0 25	21 57	0 20	5 37	1 11	10 32	2 32	12 30	0 31	9 8	0 51	4 5	16 53	20 54	21 3	9 45	16 54	5 58
M 4	17 29	9 22	5 10	12 38	1 4	21 30	0 28	22 3	0 19	5 40	1 11	10 32	2 32	12 30	0 31	9 9	0 51	4 6	16 54	20 54	21 4	9 43	16 54	5 58
T 5	17 14	13 38	4 46	11 57	0 58	21 19	0 30	22 9	0 18	5 44	1 10	10 33	2 32	12 30	0 31	9 9	0 51	4 6	16 54	20 54	21 4	9 41	16 54	5 57
W 6	16 57	17 7	4 7	11 16	0 51	21 6	0 32	22 15	0 18	5 47	1 10	10 33	2 32	12 30	0 31	9 10	0 51	4 6	16 54	20 53	21 5	9 39	16 54	5 57
T 7	16 41	19 40	3 16	10 34	0 44	20 54	0 35	22 20	0 17	5 51	1 10	10 33	2 33	12 30	0 31	9 10	0 51	4 7	16 55	20 53	21 5	9 37	16 55	5 57
F 8	16 24	21 10	2 17	9 53	0 37	20 40	0 37	22 25	0 16	5 54	1 10	10 33	2 33	12 30	0 31	9 11	0 51	4 7	16 55	20 53	21 6	9 35	16 55	5 56
S 9	16 7	21 36	1 12	9 11	0 29	20 26	0 39	22 30	0 15	5 58	1 10	10 33	2 33	12 30	0 31	9 11	0 51	4 7	16 55	20 53	21 6	9 33	16 55	5 56
S 10	15 50	20 58	0 5	8 30	0 21	20 12	0 41	22 35	0 14	6 1	1 9	10 33	2 33	12 30	0 31	9 12	0 51	4 8	16 56	20 53	21 7	9 31	16 55	5 56
M11	15 33	19 21	1s 1	7 48	0 13	19 56	0 43	22 40	0 13	6 5	1 9	10 33	2 34	12 30	0 31	9 13	0 51	4 8	16 56	20 53	21 8	9 29	16 56	5 55
T 12	15 15	16 53	2 4	7 7	0 4	19 41	0 45	22 44	0 12	6 9	1 9	10 33	2 34	12 30	0 31	9 13	0 51	4 9	16 56	20 53	21 8	9 27	16 56	5 55
W13	14 57	13 44	3 1	6 26	0s 4	19 24	0 47	22 49	0 11	6 12	1 9	10 33	2 34	12 30	0 31	9 14	0 51	4 9	16 57	20 53	21 9	9 24	16 56	5 54
T 14	14 39	10 3	3 50	5 46	0 13	19 7	0 49	22 53	0 10	6 16	1 9	10 33	2 34	12 30	0 31	9 14	0 51	4 9	16 57	20 54	21 9	9 22	16 57	5 54
F 15	14 20	5 59	4 29	5 5	0 22	18 50	0 51	22 57	0 9	6 20	1 8	10 33	2 35	12 30	0 31	9 15	0 51	4 10	16 57	20 55	21 10	9 20	16 57	5 54
S 16	14 2	1 41	4 56	4 25	0 31	18 32	0 53	23 0	0 9	6 24	1 8	10 32	2 35	12 30	0 31	9 16	0 51	4 10	16 58	20 56	21 11	9 18	16 57	5 53
S 17	13 43	2n41	5 11	3 46	0 40	18 13	0 55	23 4	0 8	6 27	1 8	10 32	2 35	12 29	0 31	9 16	0 51	4 11	16 58	20 56	21 11	9 16	16 58	5 53
M18	13 24	7 0	5 12	3 7	0 50	17 54	0 57	23 7	0 7	6 31	1 8	10 32	2 35	12 29	0 31	9 17	0 51	4 11	16 58	20 57	21 12	9 14	16 58	5 52
T 19	13 4	11 7	4 59	2 28	0 59	17 35	0 59	23 10	0 6	6 35	1 8	10 32	2 36	12 29	0 31	9 17	0 51	4 11	16 59	20 57	21 12	9 12	16 58	5 52
W20	12 45	14 50	4 32	1 50	1 9	17 15	1 0	23 13	0 5	6 39	1 8	10 31	2 36	12 29	0 31	9 18	0 51	4 12	16 59	20 58	21 13	9 10	16 59	5 52
T 21	12 25	17 58	3 51	1 13	1 18	16 54	1 2	23 16	0 4	6 43	1 7	10 31	2 36	12 29	0 31	9 19	0 51	4 12	16 59	20 57	21 13	9 8	16 59	5 51
F 22	12 5	20 16	2 56	0 37	1 28	16 33	1 4	23 18	0 3	6 47	1 7	10 31	2 36	12 29	0 31	9 19	0 51	4 13	17 0	20 57	21 14	9 6	17 0	5 51
S 23	11 45	21 30	1 50	0 1	1 38	16 12	1 5	23 21	0 2	6 51	1 7	10 30	2 37	12 28	0 31	9 20	0 51	4 13	17 0	20 57	21 14	9 3	17 0	5 50
S 24	11 25	21 27	0 36	0s34	1 48	15 50	1 7	23 23	0 1	6 55	1 7	10 30	2 37	12 28	0 32	9 21	0 51	4 13	17 0	20 57	21 15	9 1	17 1	5 50
M25	11 4	19 57	0n43	1 8	1 57	15 28	1 8	23 25	0n 0	6 59	1 7	10 29	2 37	12 28	0 32	9 21	0 51	4 14	17 0	20 57	21 16	8 59	17 1	5 50
T 26	10 44	17 5	2 1	1 41	2 7	15 5	1 10	23 27	0 1	7 3	1 7	10 29	2 38	12 28	0 32	9 22	0 51	4 14	17 1	20 57	21 16	8 57	17 1	5 49
W27	10 23	13 0	3 12	2 13	2 17	14 42	1 11	23 29	0 2	7 7	1 6	10 28	2 38	12 27	0 32	9 22	0 51	4 15	17 1	20 58	21 17	8 55	17 2	5 49
T 28	10 2	8 3	4 9	2 43	2 26	14 18	1 12	23 30	0 3	7 11	1 6	10 27	2 38	12 27	0 32	9 23	0 51	4 15	17 1	20 59	21 17	8 53	17 2	5 48
F 29	9 41	2 38	4 49	3 13	2 36	13 54	1 14	23 32	0 4	7 16	1 6	10 27	2 38	12 27	0 32	9 24	0 51	4 16	17 2	21 0	21 18	8 51	17 3	5 48
S 30	9 19	2s50	5 8	3 41	2 45	13 30	1 15	23 33	0 5	7 20	1 6	10 26	2 38	12 26	0 32	9 24	0 52	4 16	17 2	21 1	21 18	8 49	17 3	5 48
S 31	8n58	8s 2	5n 7	4s 7	2s54	13n 5	1n16	23n34	0n 6	7s24	1n 6	10n25	2s39	12n26	0s32	9s25	0s52	4s17	17s 2	21n 2	21n19	8s46	17s 4	5n47

Julian Day Number = 2397335.5, Delta T = 9.80 sec
Ecliptic obliquity = 23°27'27, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°40'04, Lahiri = 21°47'04

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ASTRODIENST EPHEMERIS for the year 1851
geocentric

SEPTEMBER 1851 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 38 15	7♍55'48	18♏ 5	4♎22	0♍ 3	1♋ 4	21♎45	4°R 8	4°R11	7°R51	0°R40	25°R36	24♋ 0	17♓32	17♐ 2	M 1
T 2	22 42 11	8°53'55	1♐45	5° 1	1°18	1°41	21°56	4♉ 6	4♉10	7♓50	0♉40	25♋35	23°57	17°39	17° 3	T 2
W 3	22 46 8	9°52'04	14°59	5°35	2°32	2°18	22° 8	4° 4	4° 9	7°48	0°39	25°D34	23°54	17°46	17° 4	W 3
T 4	22 50 5	10°50'14	27°50	6° 5	3°46	2°55	22°19	4° 3	4° 8	7°47	0°38	25°35	23°50	17°53	17° 5	T 4
F 5	22 54 1	11°48'26	10♑22	6°31	5° 1	3°32	22°30	4° 1	4° 6	7°45	0°38	25°37	23°47	17°59	17° 7	F 5
S 6	22 57 58	12°46'39	22°38	6°51	6°15	4° 8	22°41	3°59	4° 5	7°43	0°37	25°R38	23°44	18° 6	17° 8	S 6
S 7	23 1 54	13°44'54	4♒44	7° 7	7°30	4°45	22°53	3°57	4° 4	7°42	0°36	25°37	23°41	18°13	17°10	S 7
M 8	23 5 51	14°43'11	16°42	7°17	8°44	5°21	23° 4	3°54	4° 3	7°40	0°35	25°35	23°38	18°19	17°11	M 8
T 9	23 9 47	15°41'29	28°35	7°R21	9°59	5°57	23°16	3°52	4° 1	7°38	0°35	25°30	23°35	18°26	17°13	T 9
W10	23 13 44	16°39'48	10♓26	7°19	11°13	6°33	23°27	3°50	4° 0	7°37	0°34	25°23	23°31	18°33	17°15	W10
T 11	23 17 40	17°38'10	22°17	7°10	12°28	7° 9	23°39	3°47	3°58	7°35	0°33	25°15	23°28	18°39	17°17	T 11
F 12	23 21 37	18°36'33	4♈ 9	6°55	13°42	7°45	23°51	3°45	3°57	7°33	0°32	25° 5	23°25	18°46	17°19	F 12
S 13	23 25 33	19°34'59	16° 5	6°34	14°57	8°20	24° 2	3°42	3°55	7°32	0°32	24°54	23°22	18°53	17°21	S 13
S 14	23 29 30	20°33'26	28° 5	6° 5	16°12	8°56	24°14	3°39	3°54	7°30	0°31	24°44	23°19	18°59	17°23	S 14
M15	23 33 27	21°31'56	10♉12	5°30	17°26	9°31	24°26	3°36	3°52	7°29	0°30	24°36	23°16	19° 6	17°25	M15
T 16	23 37 23	22°30'27	22°28	4°48	18°41	10° 6	24°38	3°33	3°51	7°27	0°29	24°29	23°12	19°13	17°28	T 16
W17	23 41 20	23°29'01	4♊57	4° 0	19°56	10°41	24°50	3°30	3°49	7°25	0°28	24°25	23° 9	19°20	17°30	W17
T 18	23 45 16	24°27'37	17°42	3° 6	21°10	11°16	25° 2	3°27	3°47	7°24	0°27	24°24	23° 6	19°26	17°33	T 18
F 19	23 49 13	25°26'15	0♋47	2° 8	22°25	11°51	25°14	3°24	3°45	7°22	0°26	24°D24	23° 3	19°33	17°35	F 19
S 20	23 53 9	26°24'56	14°15	1° 6	23°40	12°25	25°26	3°21	3°44	7°21	0°26	24°24	23° 0	19°40	17°38	S 20
S 21	23 57 6	27°23'39	28° 9	0° 1	24°54	13° 0	25°39	3°17	3°42	7°19	0°25	24°R24	22°56	19°46	17°41	S 21
M22	0 1 2	28°22'24	12♌30	28♍56	26° 9	13°34	25°51	3°14	3°40	7°18	0°24	24°23	22°53	19°53	17°43	M22
T 23	0 4 59	29°21'11	27°16	27°51	27°24	14° 8	26° 3	3°11	3°38	7°16	0°23	24°19	22°50	20° 0	17°46	T 23
W24	0 8 56	0♎20'00	12♍21	26°48	28°39	14°42	26°15	3° 7	3°36	7°15	0°22	24°13	22°47	20° 6	17°49	W24
T 25	0 12 52	1°18'52	27°37	25°50	29°54	15°15	26°28	3° 3	3°34	7°13	0°21	24° 5	22°44	20°13	17°52	T 25
F 26	0 16 49	2°17'45	12♎53	24°56	1♎ 9	15°49	26°40	3° 0	3°32	7°12	0°20	23°55	22°41	20°20	17°56	F 26
S 27	0 20 45	3°16'41	27°58	24°10	2°23	16°22	26°53	2°56	3°30	7°10	0°19	23°45	22°37	20°27	17°59	S 27
S 28	0 24 42	4°15'38	12♏43	23°32	3°38	16°55	27° 5	2°52	3°28	7° 9	0°18	23°35	22°34	20°33	18° 2	S 28
M29	0 28 38	5°14'37	27° 0	23° 3	4°53	17°28	27°18	2°48	3°26	7° 8	0°17	23°28	22°31	20°40	18° 6	M29
T 30	0 32 35	6♎13'38	10♐48	22♍44	6♎ 8	18♋ 1	27♎30	2♉44	3♉24	7♓ 6	0♉16	23♋23	22♋28	20♓47	18♐ 9	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n36	12s38	4n47	4s32	3s 3	12n40	1n17	23n35	0n 7	7s28	1n 6	10n25	2s39	12n26	0s32	9s26	0s52	4s17	17s 2	21n 2	21n19	8s44	17s 4	5n47
T 2	8 14	16 26	4 11	4 55	3 12	12 14	1 18	23 35	0 8	7 32	1 5	10 24	2 39	12 25	0 32	9 26	0 52	4 18	17 3	21 3	21 20	8 42	17 5	5 46
W 3	7 53	19 16	3 22	5 17	3 20	11 48	1 19	23 36	0 9	7 37	1 5	10 23	2 39	12 25	0 32	9 27	0 52	4 18	17 3	21 3	21 21	8 40	17 5	5 46
T 4	7 30	21 2	2 25	5 36	3 28	11 22	1 20	23 36	0 11	7 41	1 5	10 22	2 40	12 24	0 32	9 27	0 52	4 18	17 3	21 2	21 21	8 38	17 6	5 46
F 5	7 8	21 42	1 22	5 53	3 35	10 56	1 20	23 36	0 12	7 45	1 5	10 21	2 40	12 24	0 32	9 28	0 52	4 19	17 4	21 2	21 22	8 36	17 6	5 45
S 6	6 46	21 17	0 16	6 7	3 42	10 29	1 21	23 36	0 13	7 50	1 5	10 21	2 40	12 24	0 32	9 29	0 52	4 19	17 4	21 2	21 22	8 34	17 7	5 45
S 7	6 24	19 53	0s49	6 19	3 48	10 2	1 22	23 36	0 14	7 54	1 5	10 20	2 40	12 23	0 32	9 29	0 52	4 20	17 4	21 2	21 23	8 31	17 7	5 44
M 8	6 1	17 37	1 51	6 28	3 54	9 34	1 23	23 36	0 15	7 58	1 5	10 19	2 41	12 23	0 32	9 30	0 52	4 20	17 4	21 3	21 23	8 29	17 8	5 44
T 9	5 39	14 36	2 48	6 34	3 59	9 7	1 23	23 35	0 16	8 3	1 5	10 18	2 41	12 22	0 32	9 31	0 52	4 21	17 5	21 3	21 24	8 27	17 9	5 43
W10	5 16	11 0	3 37	6 37	4 3	8 39	1 24	23 35	0 17	8 7	1 4	10 17	2 41	12 22	0 32	9 31	0 52	4 21	17 5	21 5	21 24	8 25	17 9	5 43
T 11	4 53	6 59	4 17	6 37	4 6	8 11	1 24	23 34	0 18	8 12	1 4	10 16	2 41	12 21	0 32	9 32	0 52	4 22	17 5	21 6	21 25	8 23	17 10	5 43
F 12	4 31	2 42	4 45	6 32	4 7	7 43	1 24	23 33	0 19	8 16	1 4	10 15	2 41	12 21	0 32	9 32	0 52	4 22	17 5	21 8	21 26	8 21	17 10	5 42
S 13	4 8	1n42	5 1	6 24	4 8	7 14	1 25	23 32	0 20	8 20	1 4	10 13	2 42	12 20	0 32	9 33	0 52	4 23	17 5	21 10	21 26	8 18	17 11	5 42
S 14	3 45	6 3	5 4	6 11	4 7	6 45	1 25	23 31	0 22	8 25	1 4	10 12	2 42	12 20	0 32	9 34	0 52	4 23	17 6	21 12	21 27	8 16	17 12	5 41
M15	3 22	10 14	4 54	5 55	4 4	6 16	1 25	23 30	0 23	8 29	1 4	10 11	2 42	12 19	0 32	9 34	0 52	4 24	17 6	21 13	21 27	8 14	17 12	5 41
T 16	2 59	14 3	4 30	5 34	4 0	5 47	1 25	23 28	0 24	8 34	1 4	10 10	2 42	12 19	0 32	9 35	0 52	4 24	17 6	21 14	21 28	8 12	17 13	5 41
W17	2 35	17 20	3 52	5 10	3 54	5 18	1 25	23 27	0 25	8 38	1 4	10 9	2 42	12 18	0 32	9 35	0 52	4 25	17 6	21 15	21 28	8 10	17 13	5 40
T 18	2 12	19 51	3 3	4 41	3 45	4 48	1 25	23 25	0 26	8 43	1 3	10 8	2 43	12 17	0 32	9 36	0 52	4 25	17 6	21 15	21 29	8 7	17 14	5 40
F 19	1 49	21 25	2 3	4 8	3 35	4 19	1 25	23 23	0 28	8 47	1 3	10 6	2 43	12 17	0 32	9 36	0 52	4 26	17 7	21 15	21 29	8 5	17 15	5 39
S 20	1 26	21 48	0 54	3 33	3 23	3 49	1 25	23 21	0 29	8 52	1 3	10 5	2 43	12 16	0 32	9 37	0 52	4 26	17 7	21 15	21 30	8 3	17 15	5 39
S 21	1 2	20 52	0n20	2 54	3 10	3 19	1 25	23 19	0 30	8 56	1 3	10 4	2 43	12 16	0 32	9 38	0 52	4 26	17 7	21 15	21 30	8 1	17 16	5 39
M22	0 39	18 35	1 35	2 14	2 54	2 49	1 24	23 17	0 31	9 1	1 3	10 2	2 43	12 15	0 32	9 38	0 52	4 27	17 7	21 15	21 31	7 59	17 16	5 38
T 23	0 15	15 1	2 45	1 33	2 37	2 19	1 24	23 15	0 32	9 5	1 3	10 1	2 43	12 14	0 32	9 39	0 52	4 27	17 7	21 16	21 31	7 56	17 17	5 38
W24	0s 8	10 25	3 46	0 51	2 19	1 49	1 24	23 12	0 34	9 10	1 3	10 0	2 44	12 14	0 32	9 39	0 52	4 28	17 8	21 17	21 32	7 54	17 18	5 38
T 25	0 31	5 6	4 31	0 10	1 59	1 19	1 23	23 10	0 35	9 15	1 3	9 58	2 44	12 13	0 32	9 40	0 52	4 28	17 8	21 19	21 32	7 52	17 18	5 37
F 26	0 55	0s32	4 57	0n29	1 39	0 48	1 23	23 7	0 36	9 19	1 3	9 57	2 44	12 12	0 32	9 40	0 52	4 29	17 8	21 20	21 33	7 50	17 19	5 37
S 27	1 18	6 4	5 2	1 6	1 19	0 18	1 22	23 4	0 37	9 24	1 3	9 56	2 44	12 12	0 32	9 41	0 52	4 29	17 8	21 22	21 33	7 48	17 20	5 36
S 28	1 42	11 7	4 46	1 40	0 59	0s12	1 21	23 1	0 39	9 28	1 2	9 54	2 44	12 11	0 32	9 41	0 52	4 30	17 8	21 24	21 34	7 45	17 20	5 36
M29	2 5	15 24	4 13	2 10	0 39	0 43	1 21	22 59	0 40	9 33	1 2	9 53	2 44	12 10	0 32	9 42	0 52	4 30	17 8	21 25	21 35	7 43	17 21	5 36
T 30	2s28	18s42	3n25	2n35	0s20	1s13	1n20	22n56	0n41	9s38	1n 2	9n51	2s44	12n 9	0s32	9s42	0s52	4s31	17s 8	21n26	21n35	7s41	17s22	5n35

Julian Day Number = 2397366.5, Delta T = 9.82 sec
Ecliptic obliquity = 23°27'28, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°40'08, Lahiri = 21°47'09

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ASTRODIENST EPHEMERIS for the year 1851
geocentric

OCTOBER 1851 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 36 31	7♎12'41	24♐ 7	22°D35	7♎23	18♋34	27♎43	2°R40	3°R22	7°R 5	0°R15	23°R21	22♋25	20♓53	18♐13	W 1
T 2	0 40 28	8°11'46	6♑59	22♍37	8°38	19° 6	27°56	2♉36	3♉20	7♓ 3	0♉14	23°D20	22°22	21° 0	18°16	T 2
F 3	0 44 25	9°10'52	19°28	22°49	9°53	19°38	28° 8	2°32	3°18	7° 2	0°13	23°R20	22°18	21° 7	18°20	F 3
S 4	0 48 21	10°10'00	1♒41	23°11	11° 8	20°10	28°21	2°27	3°15	7° 1	0°12	23♋20	22°15	21°13	18°24	S 4
S 5	0 52 18	11° 9'10	13°42	23°43	12°23	20°42	28°34	2°23	3°13	6°59	0°11	23°19	22°12	21°20	18°28	S 5
M 6	0 56 14	12° 8'21	25°35	24°24	13°38	21°14	28°47	2°19	3°11	6°58	0°10	23°15	22° 9	21°27	18°31	M 6
T 7	1 0 11	13° 7'35	7♓25	25°13	14°53	21°45	28°59	2°14	3° 9	6°57	0° 8	23° 8	22° 6	21°34	18°35	T 7
W 8	1 4 7	14° 6'50	19°15	26°11	16° 8	22°16	29°12	2°10	3° 6	6°56	0° 7	22°58	22° 2	21°40	18°40	W 8
T 9	1 8 4	15° 6'08	1♈ 8	27°15	17°23	22°47	29°25	2° 5	3° 4	6°54	0° 6	22°46	21°59	21°47	18°44	T 9
F 10	1 12 0	16° 5'27	13° 5	28°26	18°38	23°18	29°38	2° 1	3° 2	6°53	0° 5	22°32	21°56	21°54	18°48	F 10
S 11	1 15 57	17° 4'48	25° 8	29°42	19°53	23°49	29°51	1°56	2°59	6°52	0° 4	22°18	21°53	22° 0	18°52	S 11
S 12	1 19 53	18° 4'11	7♉17	1♎ 3	21° 8	24°19	0♏ 4	1°52	2°57	6°51	0° 3	22° 4	21°50	22° 7	18°57	S 12
M13	1 23 50	19° 3'37	19°34	2°28	22°23	24°49	0°17	1°47	2°55	6°50	0° 2	21°52	21°47	22°14	19° 1	M13
T 14	1 27 47	20° 3'05	2♊ 0	3°56	23°38	25°19	0°30	1°43	2°52	6°49	0° 1	21°43	21°43	22°21	19° 5	T 14
W15	1 31 43	21° 2'35	14°37	5°28	24°53	25°49	0°43	1°38	2°50	6°48	29♈59	21°36	21°40	22°27	19°10	W15
T 16	1 35 40	22° 2'07	27°26	7° 2	26° 8	26°18	0°56	1°33	2°48	6°47	29°59	21°33	21°37	22°34	19°15	T 16
F 17	1 39 36	23° 1'42	10♋31	8°38	27°23	26°47	1° 9	1°28	2°45	6°46	29°57	21°31	21°34	22°41	19°19	F 17
S 18	1 43 33	24° 1'19	23°54	10°15	28°38	27°16	1°22	1°24	2°43	6°45	29°56	21°31	21°31	22°47	19°24	S 18
S 19	1 47 29	25° 0'58	7♌39	11°54	29°53	27°45	1°35	1°19	2°40	6°44	29°55	21°31	21°27	22°54	19°29	S 19
M20	1 51 26	26° 0'40	21°45	13°33	1♏ 8	28°13	1°48	1°14	2°38	6°43	29°54	21°29	21°24	23° 1	19°34	M20
T 21	1 55 22	27° 0'23	6♍14	15°14	2°23	28°41	2° 1	1° 9	2°35	6°42	29°53	21°25	21°21	23° 7	19°39	T 21
W22	1 59 19	28° 0'09	21° 2	16°55	3°38	29° 9	2°14	1° 5	2°33	6°41	29°52	21°18	21°18	23°14	19°44	W22
T 23	2 3 16	28°59'57	6♎ 3	18°36	4°53	29°37	2°27	1° 0	2°31	6°40	29°51	21° 9	21°15	23°21	19°49	T 23
F 24	2 7 12	29°59'48	21° 8	20°17	6° 8	0♌ 4	2°40	0°55	2°28	6°39	29°49	20°58	21°12	23°28	19°54	F 24
S 25	2 11 9	0♏59'40	6♏ 7	21°58	7°23	0°31	2°53	0°50	2°26	6°38	29°48	20°46	21° 8	23°34	19°59	S 25
S 26	2 15 5	1°59'34	20°50	23°39	8°39	0°57	3° 7	0°45	2°23	6°38	29°47	20°36	21° 5	23°41	20° 4	S 26
M27	2 19 2	2°59'30	5♐10	25°20	9°54	1°24	3°20	0°40	2°21	6°37	29°46	20°27	21° 2	23°48	20° 9	M27
T 28	2 22 58	3°59'28	19° 3	27° 1	11° 9	1°50	3°33	0°36	2°18	6°36	29°45	20°21	20°59	23°54	20°15	T 28
W29	2 26 55	4°59'28	2♑26	28°41	12°24	2°16	3°46	0°31	2°16	6°35	29°44	20°17	20°56	24° 1	20°20	W29
T 30	2 30 51	5°59'29	15°23	0♏21	13°39	2°41	3°59	0°26	2°13	6°35	29°43	20°D16	20°53	24° 8	20°25	T 30
F 31	2 34 48	6♏59'32	27♑56	2♏ 1	14♏54	3♌ 6	4♏12	0♉21	2♉11	6♓34	29♈42	20♋16	20♋49	24♓15	20♐31	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	2s52	20s51	2n29	2n56	0s 1	1s43	1n19	22n52	0n43	9s42	1n 2	9n50	2s45	12n 9	0s32	9s43	0s52	4s31	17s 9	21n26	21n36	7s39	17s22	5n35
T 2	3 15	21 51	1 26	3 11	0n16	2 14	1 18	22 49	0 44	9 47	1 2	9 48	2 45	12 8	0 32	9 44	0 52	4 32	17 9	21 26	21 36	7 37	17 23	5 35
F 3	3 38	21 42	0 21	3 21	0 32	2 44	1 17	22 46	0 45	9 51	1 2	9 47	2 45	12 7	0 32	9 44	0 52	4 32	17 9	21 26	21 37	7 34	17 24	5 34
S 4	4 2	20 31	0s44	3 26	0 47	3 15	1 16	22 43	0 47	9 56	1 2	9 45	2 45	12 6	0 32	9 44	0 52	4 33	17 9	21 26	21 37	7 32	17 24	5 34
S 5	4 25	18 25	1 46	3 25	1 0	3 45	1 15	22 39	0 48	10 1	1 2	9 44	2 45	12 6	0 32	9 45	0 52	4 33	17 9	21 27	21 38	7 30	17 25	5 34
M 6	4 48	15 32	2 42	3 20	1 12	4 15	1 14	22 36	0 49	10 5	1 2	9 42	2 45	12 5	0 32	9 45	0 52	4 33	17 9	21 27	21 38	7 28	17 26	5 33
T 7	5 11	12 3	3 31	3 10	1 23	4 45	1 12	22 32	0 51	10 10	1 2	9 40	2 45	12 4	0 32	9 46	0 52	4 34	17 9	21 28	21 39	7 25	17 26	5 33
W 8	5 34	8 5	4 10	2 56	1 32	5 15	1 11	22 28	0 52	10 14	1 2	9 39	2 45	12 3	0 32	9 46	0 52	4 34	17 9	21 30	21 39	7 23	17 27	5 33
T 9	5 57	3 49	4 39	2 37	1 40	5 45	1 10	22 25	0 53	10 19	1 2	9 37	2 45	12 3	0 32	9 47	0 52	4 35	17 9	21 32	21 40	7 21	17 28	5 32
F 10	6 20	0n38	4 56	2 15	1 46	6 15	1 9	22 21	0 55	10 24	1 1	9 36	2 45	12 2	0 32	9 47	0 52	4 35	17 10	21 34	21 40	7 19	17 28	5 32
S 11	6 43	5 5	4 59	1 49	1 51	6 45	1 7	22 17	0 56	10 28	1 1	9 34	2 46	12 1	0 32	9 48	0 52	4 36	17 10	21 37	21 41	7 16	17 29	5 32
S 12	7 6	9 24	4 49	1 21	1 55	7 14	1 6	22 13	0 58	10 33	1 1	9 32	2 46	12 0	0 32	9 48	0 52	4 36	17 10	21 39	21 41	7 14	17 30	5 31
M13	7 28	13 22	4 26	0 49	1 58	7 43	1 4	22 9	0 59	10 37	1 1	9 31	2 46	11 59	0 32	9 48	0 51	4 36	17 10	21 41	21 42	7 12	17 30	5 31
T 14	7 51	16 50	3 50	0 16	2 0	8 13	1 3	22 5	1 1	10 42	1 1	9 29	2 46	11 59	0 32	9 49	0 51	4 37	17 10	21 42	21 42	7 10	17 31	5 31
W15	8 13	19 34	3 2	0s20	2 0	8 42	1 1	22 1	1 2	10 47	1 1	9 27	2 46	11 58	0 32	9 49	0 51	4 37	17 10	21 43	21 43	7 7	17 32	5 30
T 16	8 35	21 22	2 4	0 57	2 0	9 11	0 59	21 57	1 4	10 51	1 1	9 26	2 46	11 57	0 32	9 50	0 51	4 38	17 10	21 44	21 43	7 5	17 32	5 30
F 17	8 58	22 5	0 58	1 36	1 59	9 39	0 57	21 53	1 5	10 56	1 1	9 24	2 46	11 56	0 32	9 50	0 51	4 38	17 10	21 44	21 44	7 3	17 33	5 30
S 18	9 20	21 33	0n13	2 15	1 58	10 8	0 56	21 49	1 7	11 0	1 1	9 22	2 46	11 55	0 32	9 50	0 51	4 39	17 10	21 44	21 44	7 1	17 34	5 30
S 19	9 41	19 44	1 24	2 56	1 55	10 36	0 54	21 45	1 8	11 5	1 1	9 21	2 46	11 54	0 32	9 51	0 51	4 39	17 10	21 44	21 45	6 58	17 34	5 29
M20	10 3	16 40	2 32	3 37	1 53	11 4	0 52	21 40	1 10	11 9	1 1	9 19	2 46	11 54	0 32	9 51	0 51	4 39	17 10	21 44	21 45	6 56	17 35	5 29
T 21	10 25	12 31	3 33	4 19	1 49	11 31	0 50	21 36	1 11	11 14	1 1	9 18	2 46	11 53	0 32	9 51	0 51	4 40	17 10	21 45	21 46	6 54	17 35	5 29
W22	10 46	7 32	4 20	5 2	1 45	11 59	0 48	21 32	1 13	11 18	1 1	9 16	2 46	11 52	0 32	9 52	0 51	4 40	17 10	21 46	21 46	6 51	17 36	5 28
T 23	11 8	2 2	4 50	5 44	1 41	12 26	0 46	21 28	1 15	11 23	1 1	9 14	2 46	11 51	0 32	9 52	0 51	4 40	17 10	21 48	21 47	6 49	17 37	5 28
F 24	11 29	3s36	5 0	6 26	1 36	12 53	0 44	21 24	1 16	11 28	1 1	9 13	2 46	11 50	0 32	9 52	0 51	4 41	17 10	21 49	21 47	6 47	17 37	5 28
S 25	11 50	9 0	4 50	7 9	1 31	13 19	0 42	21 19	1 18	11 32	1 1	9 11	2 46	11 49	0 32	9 53	0 51	4 41	17 10	21 51	21 48	6 45	17 38	5 28
S 26	12 11	13 48	4 20	7 51	1 26	13 46	0 40	21 15	1 19	11 37	1 1	9 9	2 46	11 49	0 32	9 53	0 51	4 42	17 10	21 53	21 48	6 42	17 39	5 27
M27	12 31	17 40	3 35	8 33	1 21	14 11	0 38	21 11	1 21	11 41	1 1	9 8	2 46	11 48	0 32	9 53	0 51	4 42	17 10	21 54	21 49	6 40	17 39	5 27
T 28	12 52	20 24	2 37	9 15	1 15	14 37	0 36	21 7	1 23	11 46	1 1	9 6	2 46	11 47	0 32	9 53	0 51	4 42	17 10	21 55	21 49	6 38	17 40	5 27
W29	13 12	21 53	1 33	9 57	1 9	15 2	0 34	21 3	1 25	11 50	1 1	9 4	2 46	11 46	0 32	9 54	0 51	4 43	17 10	21 55	21 50	6 35	17 40	5 27
T 30	13 32	22 8	0 26	10 38	1 3	15 27	0 31	20 58	1 26	11 54	1 0	9 3	2 46	11 45	0 32	9 54	0 51	4 43	17 10	21 56	21 50	6 33	17 41	5 27
F 31	13s52	21s15	0s41	11s18	0n56	15s51	0n29	20n54	1n28	11s59	1n 0	9n 1	2s46	11n44	0s32	9s54	0s51	4s43	17s10	21n56	21n51	6s31	17s42	5n26

Julian Day Number = 2397396.5, Delta T = 9.85 sec
Ecliptic obliquity = 23°27'28, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°40'12, Lahiri = 21°47'13

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ASTRODIENST EPHEMERIS for the year 1851
geocentric

NOVEMBER 1851 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 38 45	7♏59'37	10♒11	3♏40	16♏ 9	3♌31	4♏25	0°R16	2°R 8	6°R34	29°R40	20°R16	20♋46	24♓21	20♐36	S 1
S 2	2 42 41	8°59'43	22°12	5°19	17°24	3°55	4°39	0♉12	2♉ 6	6♓33	29♈39	20♋16	20°43	24°28	20°42	S 2
M 3	2 46 38	9°59'50	4♓ 5	6°57	18°40	4°19	4°52	0° 7	2° 3	6°32	29°38	20°13	20°40	24°35	20°48	M 3
T 4	2 50 34	11° 0'00	15°55	8°35	19°55	4°43	5° 5	0° 2	2° 1	6°32	29°37	20° 7	20°37	24°41	20°53	T 4
W 5	2 54 31	12° 0'10	27°46	10°13	21°10	5° 6	5°18	29♈58	1°59	6°32	29°36	19°59	20°33	24°48	20°59	W 5
T 6	2 58 27	13° 0'23	9♈42	11°51	22°25	5°29	5°31	29°53	1°56	6°31	29°35	19°49	20°30	24°55	21° 5	T 6
F 7	3 2 24	14° 0'37	21°45	13°27	23°40	5°52	5°44	29°48	1°54	6°31	29°34	19°37	20°27	25° 1	21°11	F 7
S 8	3 6 20	15° 0'52	3♉57	15° 4	24°55	6°14	5°57	29°44	1°51	6°30	29°33	19°25	20°24	25° 8	21°16	S 8
S 9	3 10 17	16° 1'10	16°19	16°40	26°10	6°36	6°10	29°39	1°49	6°30	29°32	19°12	20°21	25°15	21°22	S 9
M10	3 14 14	17° 1'29	28°52	18°16	27°26	6°57	6°23	29°35	1°47	6°30	29°31	19° 2	20°18	25°22	21°28	M10
T 11	3 18 10	18° 1'50	11♊35	19°52	28°41	7°18	6°36	29°30	1°44	6°29	29°29	18°54	20°14	25°28	21°34	T 11
W12	3 22 7	19° 2'12	24°28	21°27	29°56	7°39	6°49	29°26	1°42	6°29	29°28	18°48	20°11	25°35	21°40	W12
T 13	3 26 3	20° 2'37	7♋33	23° 2	1♐11	7°59	7° 2	29°22	1°40	6°29	29°27	18°46	20° 8	25°42	21°46	T 13
F 14	3 30 0	21° 3'03	20°49	24°37	2°26	8°19	7°15	29°17	1°37	6°29	29°26	18°D45	20° 5	25°48	21°52	F 14
S 15	3 33 56	22° 3'31	4♌19	26°11	3°41	8°38	7°28	29°13	1°35	6°29	29°25	18°46	20° 2	25°55	21°58	S 15
S 16	3 37 53	23° 4'01	18° 2	27°45	4°56	8°57	7°41	29° 9	1°33	6°29	29°24	18°R47	19°59	26° 2	22° 5	S 16
M17	3 41 49	24° 4'33	2♍ 1	29°19	6°12	9°15	7°54	29° 5	1°31	6°29	29°23	18°46	19°55	26° 9	22°11	M17
T 18	3 45 46	25° 5'07	16°14	0♐53	7°27	9°33	8° 7	29° 1	1°28	6°D28	29°22	18°44	19°52	26°15	22°17	T 18
W19	3 49 43	26° 5'43	0♎41	2°26	8°42	9°51	8°20	28°57	1°26	6°28	29°21	18°40	19°49	26°22	22°23	W19
T 20	3 53 39	27° 6'20	15°17	3°59	9°57	10° 8	8°32	28°53	1°24	6°29	29°20	18°34	19°46	26°29	22°30	T 20
F 21	3 57 36	28° 6'59	29°56	5°32	11°12	10°24	8°45	28°49	1°22	6°29	29°19	18°26	19°43	26°35	22°36	F 21
S 22	4 1 32	29° 7'39	14♏33	7° 5	12°27	10°40	8°58	28°45	1°20	6°29	29°18	18°18	19°39	26°42	22°42	S 22
S 23	4 5 29	0♐ 8'21	28°58	8°38	13°42	10°55	9°11	28°41	1°18	6°29	29°17	18°10	19°36	26°49	22°48	S 23
M24	4 9 25	1° 9'05	13♐ 7	10°11	14°58	11°10	9°23	28°37	1°16	6°29	29°16	18° 3	19°33	26°56	22°55	M24
T 25	4 13 22	2° 9'50	26°53	11°43	16°13	11°24	9°36	28°34	1°14	6°29	29°15	17°59	19°30	27° 2	23° 1	T 25
W26	4 17 18	3°10'36	10♑15	13°16	17°28	11°38	9°49	28°30	1°12	6°29	29°14	17°57	19°27	27° 9	23° 8	W26
T 27	4 21 15	4°11'23	23°14	14°48	18°43	11°51	10° 1	28°27	1°10	6°30	29°14	17°D57	19°24	27°16	23°14	T 27
F 28	4 25 12	5°12'11	5♒50	16°20	19°58	12° 4	10°14	28°24	1° 8	6°30	29°13	17°58	19°20	27°22	23°21	F 28
S 29	4 29 8	6°13'00	18° 8	17°52	21°13	12°16	10°26	28°20	1° 6	6°30	29°12	18° 0	19°17	27°29	23°27	S 29
S 30	4 33 5	7♐13'50	0♓12	19♐23	22♐29	12♌27	10♏39	28♈17	1♉ 4	6♓31	29♈11	18♋ 1	19♋14	27♓36	23♐34	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s11	19s22	1s44	11s58	0n50	16s15	0n27	20n50	1n30	12s 3	1n 0	9n 0	2s46	11n44	0s32	9s54	0s51	4s43	17s10	21n56	21n51	6s29	17s42	5n26
S 2	14 30	16 39	2 41	12 37	0 43	16 39	0 25	20 46	1 31	12 8	1 0	8 58	2 45	11 43	0 32	9 54	0 51	4 44	17 10	21 56	21 52	6 26	17 43	5 26
M 3	14 49	13 17	3 30	13 16	0 37	17 2	0 22	20 42	1 33	12 12	1 0	8 56	2 45	11 42	0 32	9 55	0 51	4 44	17 10	21 56	21 52	6 24	17 43	5 26
T 4	15 8	9 24	4 11	13 54	0 30	17 25	0 20	20 38	1 35	12 17	1 0	8 55	2 45	11 41	0 32	9 55	0 51	4 44	17 9	21 57	21 53	6 22	17 44	5 26
W 5	15 27	5 10	4 40	14 31	0 23	17 47	0 18	20 34	1 37	12 21	1 0	8 53	2 45	11 40	0 32	9 55	0 51	4 45	17 9	21 58	21 53	6 19	17 44	5 25
T 6	15 45	0 43	4 58	15 8	0 17	18 9	0 15	20 31	1 39	12 25	1 0	8 52	2 45	11 39	0 32	9 55	0 51	4 45	17 9	22 0	21 53	6 17	17 45	5 25
F 7	16 3	3n49	5 2	15 44	0 10	18 30	0 13	20 27	1 41	12 30	1 0	8 50	2 45	11 39	0 32	9 55	0 51	4 45	17 9	22 1	21 54	6 15	17 46	5 25
S 8	16 21	8 15	4 53	16 19	0 3	18 51	0 10	20 23	1 42	12 34	1 0	8 49	2 45	11 38	0 32	9 55	0 51	4 45	17 9	22 3	21 54	6 12	17 46	5 25
S 9	16 39	12 25	4 30	16 53	0s 4	19 11	0 8	20 19	1 44	12 38	1 0	8 47	2 45	11 37	0 32	9 55	0 51	4 46	17 9	22 5	21 55	6 10	17 47	5 25
M10	16 56	16 8	3 53	17 27	0 10	19 31	0 6	20 16	1 46	12 43	1 0	8 46	2 45	11 36	0 32	9 56	0 51	4 46	17 9	22 6	21 55	6 8	17 47	5 25
T 11	17 13	19 8	3 5	17 59	0 17	19 50	0 3	20 12	1 48	12 47	1 0	8 44	2 45	11 35	0 32	9 56	0 51	4 46	17 9	22 7	21 56	6 5	17 48	5 24
W12	17 30	21 15	2 6	18 31	0 24	20 8	0 1	20 9	1 50	12 51	1 0	8 43	2 44	11 35	0 32	9 56	0 51	4 46	17 9	22 8	21 56	6 3	17 48	5 24
T 13	17 46	22 15	1 0	19 2	0 30	20 26	0s 2	20 5	1 52	12 55	1 0	8 41	2 44	11 34	0 32	9 56	0 51	4 47	17 8	22 9	21 57	6 1	17 49	5 24
F 14	18 2	22 2	0n11	19 32	0 37	20 44	0 4	20 2	1 54	13 0	1 0	8 40	2 44	11 33	0 32	9 56	0 51	4 47	17 8	22 9	21 57	5 58	17 49	5 24
S 15	18 18	20 32	1 22	20 0	0 43	21 1	0 7	19 59	1 56	13 4	1 0	8 39	2 44	11 32	0 32	9 56	0 51	4 47	17 8	22 9	21 58	5 56	17 50	5 24
S 16	18 33	17 49	2 30	20 28	0 49	21 17	0 9	19 56	1 58	13 8	1 0	8 37	2 44	11 32	0 32	9 56	0 51	4 47	17 8	22 8	21 58	5 54	17 50	5 24
M17	18 48	14 2	3 30	20 55	0 55	21 33	0 12	19 53	2 0	13 12	1 0	8 36	2 44	11 31	0 32	9 56	0 51	4 47	17 8	22 8	21 59	5 51	17 50	5 24
T 18	19 3	9 24	4 19	21 21	1 1	21 48	0 14	19 50	2 2	13 16	1 0	8 35	2 44	11 30	0 32	9 56	0 51	4 48	17 8	22 9	21 59	5 49	17 51	5 24
W19	19 18	4 11	4 52	21 46	1 7	22 2	0 16	19 48	2 5	13 20	1 0	8 34	2 43	11 29	0 32	9 56	0 51	4 48	17 7	22 9	22 0	5 47	17 51	5 23
T 20	19 32	1s19	5 6	22 10	1 13	22 16	0 19	19 45	2 7	13 25	1 0	8 32	2 43	11 29	0 32	9 56	0 51	4 48	17 7	22 10	22 0	5 44	17 52	5 23
F 21	19 45	6 46	5 0	22 32	1 19	22 29	0 21	19 43	2 9	13 29	1 0	8 31	2 43	11 28	0 32	9 56	0 51	4 48	17 7	22 11	22 1	5 42	17 52	5 23
S 22	19 59	11 50	4 35	22 54	1 24	22 42	0 24	19 41	2 11	13 33	1 0	8 30	2 43	11 27	0 32	9 56	0 51	4 48	17 7	22 12	22 1	5 40	17 53	5 23
S 23	20 12	16 9	3 53	23 14	1 30	22 54	0 26	19 38	2 13	13 37	1 0	8 29	2 43	11 26	0 32	9 56	0 51	4 48	17 7	22 13	22 1	5 37	17 53	5 23
M24	20 24	19 28	2 57	23 33	1 35	23 5	0 29	19 36	2 16	13 41	1 0	8 28	2 43	11 26	0 32	9 56	0 51	4 49	17 7	22 14	22 2	5 35	17 53	5 23
T 25	20 37	21 34	1 51	23 51	1 40	23 15	0 31	19 35	2 18	13 45	1 0	8 27	2 42	11 25	0 32	9 55	0 51	4 49	17 6	22 15	22 2	5 33	17 54	5 23
W26	20 48	22 22	0 42	24 8	1 44	23 25	0 33	19 33	2 20	13 49	1 0	8 26	2 42	11 24	0 31	9 55	0 51	4 49	17 6	22 15	22 3	5 30	17 54	5 23
T 27	21 0	21 56	0s29	24 23	1 49	23 34	0 36	19 32	2 22	13 53	1 0	8 24	2 42	11 24	0 31	9 55	0 51	4 49	17 6	22 15	22 3	5 28	17 55	5 23
F 28	21 11	20 22	1 35	24 38	1 53	23 43	0 38	19 30	2 25	13 56	1 0	8 24	2 42	11 23	0 31	9 55	0 51	4 49	17 6	22 15	22 4	5 25	17 55	5 23
S 29	21 22	17 53	2 36	24 51	1 57	23 50	0 40	19 29	2 27	14 0	1 0	8 23	2 41	11 22	0 31	9 55	0 51	4 49	17 5	22 15	22 4	5 23	17 55	5 23
S 30	21s32	14s40	3s29	25s 2	2s 1	23s57	0s43	19n28	2n29	14s 4	1n 0	8n22	2s41	11n22	0s31	9s55	0s51	4s49	17s 5	22n15	22n 5	5s21	17s56	5n23

Julian Day Number = 2397427.5, Delta T = 9.88 sec
Ecliptic obliquity = 23°27'28, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°40'17, Lahiri = 21°47'17

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ASTRODIENST EPHEMERIS for the year 1851
geocentric

DECEMBER 1851 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 37 1	8♐14'41	12♓ 7	20♐55	23♐44	12♌38	10♏51	28°R14	1°R 2	6♓31	29°R10	18°R 1	19♋11	27♓43	23♐40	M 1
T 2	4 40 58	9°15'33	23°58	22°26	24°59	12°48	11° 3	28♈11	1♉ 0	6°32	29♈ 9	18♋ 0	19° 8	27°49	23°47	T 2
W 3	4 44 54	10°16'25	5♈51	23°57	26°14	12°57	11°16	28° 8	0°59	6°32	29° 8	17°57	19° 5	27°56	23°53	W 3
T 4	4 48 51	11°17'18	17°49	25°28	27°29	13° 6	11°28	28° 5	0°57	6°33	29° 8	17°52	19° 1	28° 3	24° 0	T 4
F 5	4 52 47	12°18'13	29°56	26°59	28°44	13°14	11°40	28° 2	0°55	6°33	29° 7	17°46	18°58	28° 9	24° 6	F 5
S 6	4 56 44	13°19'08	12♉16	28°29	29°59	13°21	11°52	28° 0	0°54	6°34	29° 6	17°40	18°55	28°16	24°13	S 6
S 7	5 0 41	14°20'04	24°49	29°58	1♊14	13°28	12° 5	27°57	0°52	6°34	29° 5	17°33	18°52	28°23	24°20	S 7
M 8	5 4 37	15°21'00	7♊37	1♊27	2°29	13°34	12°17	27°55	0°50	6°35	29° 5	17°28	18°49	28°30	24°26	M 8
T 9	5 8 34	16°21'58	20°40	2°56	3°45	13°40	12°29	27°52	0°49	6°36	29° 4	17°24	18°45	28°36	24°33	T 9
W10	5 12 30	17°22'57	3♋57	4°23	5° 0	13°44	12°41	27°50	0°47	6°37	29° 3	17°22	18°42	28°43	24°40	W10
T 11	5 16 27	18°23'56	17°26	5°50	6°15	13°48	12°52	27°48	0°46	6°37	29° 2	17°D21	18°39	28°50	24°46	T 11
F 12	5 20 23	19°24'57	1♌ 6	7°16	7°30	13°51	13° 4	27°46	0°45	6°38	29° 2	17°22	18°36	28°56	24°53	F 12
S 13	5 24 20	20°25'58	14°55	8°41	8°45	13°54	13°16	27°44	0°43	6°39	29° 1	17°23	18°33	29° 3	25° 0	S 13
S 14	5 28 17	21°27'01	28°52	10° 4	10° 0	13°56	13°28	27°42	0°42	6°40	29° 0	17°25	18°30	29°10	25° 6	S 14
M15	5 32 13	22°28'04	12♍56	11°25	11°15	13°56	13°39	27°40	0°41	6°41	29° 0	17°26	18°26	29°17	25°13	M15
T 16	5 36 10	23°29'08	27° 5	12°44	12°30	13°R56	13°51	27°38	0°39	6°42	28°59	17°R26	18°23	29°23	25°20	T 16
W17	5 40 6	24°30'13	11♎17	14° 1	13°45	13°56	14° 2	27°37	0°38	6°43	28°59	17°25	18°20	29°30	25°26	W17
T 18	5 44 3	25°31'19	25°31	15°15	15° 0	13°54	14°14	27°35	0°37	6°43	28°58	17°23	18°17	29°37	25°33	T 18
F 19	5 47 59	26°32'26	9♏43	16°26	16°15	13°52	14°25	27°34	0°36	6°45	28°57	17°20	18°14	29°43	25°40	F 19
S 20	5 51 56	27°33'34	23°49	17°33	17°30	13°49	14°36	27°33	0°35	6°46	28°57	17°18	18°11	29°50	25°46	S 20
S 21	5 55 52	28°34'43	7♐46	18°35	18°45	13°45	14°48	27°32	0°34	6°47	28°56	17°15	18° 7	29°57	25°53	S 21
M22	5 59 49	29°35'52	21°29	19°33	20° 0	13°40	14°59	27°31	0°33	6°48	28°56	17°13	18° 4	0♈ 4	26° 0	M22
T 23	6 3 46	0♑37'01	4♑57	20°24	21°15	13°34	15°10	27°30	0°32	6°49	28°56	17°11	18° 1	0°10	26° 6	T 23
W24	6 7 42	1°38'11	18° 7	21° 9	22°30	13°28	15°21	27°29	0°31	6°50	28°55	17°D11	17°58	0°17	26°13	W24
T 25	6 11 39	2°39'21	0♒59	21°47	23°45	13°21	15°32	27°28	0°31	6°51	28°55	17°11	17°55	0°24	26°20	T 25
F 26	6 15 35	3°40'31	13°33	22°16	25° 0	13°12	15°42	27°28	0°30	6°53	28°54	17°12	17°51	0°30	26°26	F 26
S 27	6 19 32	4°41'41	25°51	22°35	26°15	13° 3	15°53	27°27	0°29	6°54	28°54	17°14	17°48	0°37	26°33	S 27
S 28	6 23 28	5°42'51	7♓57	22°R45	27°30	12°54	16° 4	27°27	0°28	6°55	28°53	17°15	17°45	0°44	26°39	S 28
M29	6 27 25	6°44'01	19°54	22°43	28°45	12°43	16°14	27°27	0°28	6°56	28°53	17°16	17°42	0°51	26°46	M29
T 30	6 31 21	7°45'11	1♈46	22°30	29°59	12°32	16°25	27°26	0°27	6°58	28°53	17°16	17°39	0°57	26°53	T 30
W31	6 35 18	8♑46'21	13♈39	22♑ 5	1♒15	12♌19	16♏35	27°D26	0♉27	6♓59	28♈53	17°R16	17♋36	1♈ 4	26♐59	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s42	10s54	4s12	25s13	2s 4	24s 3	0s45	19n27	2n32	14s 8	1n 0	8n21	2s41	11n21	0s31	9s55	0s51	4s49	17s 5	22n15	22n 5	5s18	17s56	5n23
T 2	21 51	6 44	4 44	25 22	2 7	24 9	0 47	19 27	2 34	14 12	1 1	8 20	2 41	11 21	0 31	9 54	0 51	4 49	17 5	22 15	22 6	5 16	17 56	5 23
W 3	22 0	2 20	5 4	25 29	2 10	24 14	0 49	19 26	2 37	14 16	1 1	8 19	2 41	11 20	0 31	9 54	0 51	4 49	17 4	22 15	22 6	5 14	17 56	5 23
T 4	22 9	2n12	5 11	25 35	2 13	24 18	0 52	19 26	2 39	14 19	1 1	8 18	2 40	11 19	0 31	9 54	0 51	4 49	17 4	22 16	22 6	5 11	17 57	5 23
F 5	22 17	6 43	5 4	25 40	2 15	24 21	0 54	19 26	2 41	14 23	1 1	8 17	2 40	11 19	0 31	9 54	0 51	4 49	17 4	22 17	22 7	5 9	17 57	5 23
S 6	22 25	11 2	4 43	25 43	2 16	24 23	0 56	19 26	2 44	14 27	1 1	8 17	2 40	11 18	0 31	9 54	0 51	4 49	17 4	22 17	22 7	5 6	17 57	5 23
S 7	22 32	14 59	4 8	25 45	2 18	24 25	0 58	19 27	2 46	14 30	1 1	8 16	2 40	11 18	0 31	9 53	0 51	4 49	17 3	22 18	22 8	5 4	17 58	5 23
M 8	22 39	18 18	3 20	25 46	2 19	24 26	1 0	19 27	2 49	14 34	1 1	8 15	2 39	11 17	0 31	9 53	0 51	4 49	17 3	22 19	22 8	5 2	17 58	5 23
T 9	22 46	20 47	2 21	25 44	2 19	24 26	1 2	19 28	2 51	14 38	1 1	8 15	2 39	11 17	0 31	9 53	0 51	4 49	17 3	22 19	22 9	4 59	17 58	5 23
W10	22 52	22 11	1 13	25 42	2 19	24 26	1 4	19 29	2 54	14 41	1 1	8 14	2 39	11 16	0 31	9 52	0 51	4 49	17 3	22 20	22 9	4 57	17 58	5 23
T 11	22 57	22 20	0n 0	25 38	2 18	24 25	1 6	19 31	2 57	14 45	1 1	8 14	2 39	11 16	0 31	9 52	0 50	4 49	17 2	22 20	22 9	4 54	17 58	5 23
F 12	23 2	21 9	1 15	25 32	2 17	24 23	1 8	19 32	2 59	14 48	1 1	8 13	2 38	11 15	0 31	9 52	0 50	4 49	17 2	22 20	22 10	4 52	17 59	5 23
S 13	23 7	18 41	2 26	25 25	2 15	24 20	1 10	19 34	3 2	14 52	1 1	8 13	2 38	11 15	0 31	9 52	0 50	4 49	17 2	22 20	22 10	4 50	17 59	5 23
S 14	23 11	15 8	3 28	25 17	2 13	24 16	1 12	19 36	3 4	14 55	1 1	8 12	2 38	11 14	0 31	9 51	0 50	4 49	17 1	22 19	22 11	4 47	17 59	5 23
M15	23 15	10 42	4 19	25 7	2 9	24 12	1 13	19 38	3 7	14 59	1 1	8 12	2 38	11 14	0 31	9 51	0 50	4 49	17 1	22 19	22 11	4 45	17 59	5 23
T 16	23 18	5 40	4 55	24 56	2 5	24 7	1 15	19 41	3 10	15 2	1 1	8 12	2 37	11 14	0 31	9 51	0 50	4 49	17 1	22 19	22 12	4 42	17 59	5 24
W17	23 21	0 20	5 13	24 43	2 1	24 1	1 17	19 43	3 12	15 5	1 1	8 11	2 37	11 13	0 31	9 50	0 50	4 49	17 1	22 19	22 12	4 40	17 59	5 24
T 18	23 23	5s 2	5 11	24 29	1 55	23 55	1 18	19 46	3 15	15 9	1 1	8 11	2 37	11 13	0 31	9 50	0 50	4 49	17 0	22 20	22 13	4 38	17 59	5 24
F 19	23 25	10 8	4 51	24 14	1 49	23 47	1 20	19 50	3 17	15 12	1 1	8 11	2 36	11 13	0 31	9 49	0 50	4 49	17 0	22 20	22 13	4 35	18 0	5 24
S 20	23 26	14 39	4 13	23 58	1 41	23 39	1 21	19 53	3 20	15 15	1 1	8 11	2 36	11 12	0 31	9 49	0 50	4 49	17 0	22 20	22 13	4 33	18 0	5 24
S 21	23 27	18 19	3 21	23 42	1 32	23 31	1 23	19 57	3 23	15 18	1 1	8 11	2 36	11 12	0 31	9 49	0 50	4 48	16 59	22 21	22 14	4 30	18 0	5 24
M22	23 27	20 54	2 17	23 24	1 23	23 21	1 24	20 1	3 25	15 22	1 2	8 10	2 36	11 12	0 31	9 48	0 50	4 48	16 59	22 21	22 14	4 28	18 0	5 24
T 23	23 27	22 15	1 7	23 6	1 12	23 11	1 26	20 5	3 28	15 25	1 2	8 10	2 35	11 11	0 31	9 48	0 50	4 48	16 59	22 21	22 15	4 26	18 0	5 24
W24	23 27	22 19	0s 5	22 47	1 0	23 0	1 27	20 9	3 31	15 28	1 2	8 10	2 35	11 11	0 31	9 47	0 50	4 48	16 58	22 21	22 15	4 23	18 0	5 24
T 25	23 26	21 11	1 16	22 28	0 47	22 49	1 28	20 14	3 33	15 31	1 2	8 10	2 35	11 11	0 31	9 47	0 50	4 48	16 58	22 21	22 15	4 21	18 0	5 25
F 26	23 24	19 1	2 21	22 9	0 33	22 37	1 29	20 19	3 36	15 34	1 2	8 10	2 34	11 11	0 31	9 46	0 50	4 48	16 58	22 21	22 16	4 18	18 0	5 25
S 27	23 22	16 1	3 18	21 51	0 17	22 24	1 30	20 24	3 38	15 37	1 2	8 11	2 34	11 10	0 31	9 46	0 50	4 47	16 57	22 21	22 16	4 16	18 0	5 25
S 28	23 20	12 23	4 5	21 33	0 1	22 10	1 32	20 29	3 41	15 40	1 2	8 11	2 34	11 10	0 31	9 45	0 50	4 47	16 57	22 21	22 17	4 13	18 0	5 25
M29	23 17	8 19	4 42	21 16	0n17	21 56	1 33	20 34	3 43	15 43	1 2	8 11	2 34	11 10	0 31	9 45	0 50	4 47	16 57	22 21	22 17	4 11	18 0	5 25
T 30	23 14	3 58	5 5	21 0	0 35	21 41	1 33	20 40	3 46	15 46	1 2	8 11	2 33	11 10	0 31	9 44	0 50	4 47	16 56	22 20	22 18	4 8	18 0	5 26
W31	23s10	0n32	5s16	20s45	0n54	21s26	1s34	20n46	3n48	15s49	1n 2	8n11	2s33	11n10	0s31	9s44	0s50	4s47	16s56	22n20	22n18	4s 6	18s 0	5n26

Julian Day Number = 2397457.5, Delta T = 9.90 sec
Ecliptic obliquity = 23°27'27, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°40'21, Lahiri = 21°47'21

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1852
geocentric

JANUARY 1852 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 39 15	9♑47'31	25♈36	21°R28	2♒30	12°R 6	16♏45	27♈27	0°R26	7♓ 1	28°R52	17°R16	17♋32	1♈11	27♐ 6	T 1
F 2	6 43 11	10°48'40	7♉44	20♑40	3°44	11♎53	16°56	27°27	0♉26	7° 2	28♈52	17♋15	17°29	1°17	27°12	F 2
S 3	6 47 8	11°49'49	20° 5	19°41	4°59	11°38	17° 6	27°27	0°26	7° 3	28°52	17°15	17°26	1°24	27°19	S 3
S 4	6 51 4	12°50'58	2♊44	18°34	6°14	11°23	17°16	27°27	0°25	7° 5	28°52	17°14	17°23	1°31	27°25	S 4
M 5	6 55 1	13°52'07	15°42	17°20	7°29	11° 7	17°26	27°28	0°25	7° 6	28°51	17°13	17°20	1°38	27°32	M 5
T 6	6 58 57	14°53'15	29° 0	16° 1	8°44	10°50	17°35	27°29	0°25	7° 8	28°51	17°13	17°17	1°44	27°38	T 6
W 7	7 2 54	15°54'23	12♋37	14°41	9°58	10°33	17°45	27°29	0°25	7°10	28°51	17°D13	17°13	1°51	27°44	W 7
T 8	7 6 50	16°55'31	26°33	13°21	11°13	10°15	17°55	27°30	0°25	7°11	28°51	17°R13	17°10	1°58	27°51	T 8
F 9	7 10 47	17°56'39	10♌42	12° 4	12°28	9°56	18° 4	27°31	0°D25	7°13	28°51	17°13	17° 7	2° 5	27°57	F 9
S 10	7 14 44	18°57'46	25° 0	10°53	13°42	9°36	18°13	27°32	0°25	7°14	28°51	17°13	17° 4	2°11	28° 4	S 10
S 11	7 18 40	19°58'53	9♍24	9°49	14°57	9°16	18°23	27°34	0°25	7°16	28°51	17°13	17° 1	2°18	28°10	S 11
M12	7 22 37	21° 0'01	23°47	8°53	16°12	8°56	18°32	27°35	0°25	7°18	28°51	17°12	16°57	2°25	28°16	M12
T 13	7 26 33	22° 1'08	8♎ 7	8° 6	17°26	8°35	18°41	27°36	0°25	7°19	28°D51	17°12	16°54	2°31	28°22	T 13
W14	7 30 30	23° 2'14	22°19	7°29	18°41	8°13	18°50	27°38	0°25	7°21	28°51	17°D12	16°51	2°38	28°29	W14
T 15	7 34 26	24° 3'21	6♏22	7° 1	19°56	7°51	18°58	27°40	0°25	7°23	28°51	17°12	16°48	2°45	28°35	T 15
F 16	7 38 23	25° 4'28	20°15	6°43	21°10	7°29	19° 7	27°41	0°26	7°25	28°51	17°12	16°45	2°52	28°41	F 16
S 17	7 42 19	26° 5'34	3♐55	6°34	22°25	7° 6	19°16	27°43	0°26	7°27	28°51	17°13	16°42	2°58	28°47	S 17
S 18	7 46 16	27° 6'40	17°24	6°D34	23°39	6°43	19°24	27°45	0°27	7°28	28°51	17°14	16°38	3° 5	28°53	S 18
M19	7 50 13	28° 7'46	0♑40	6°42	24°54	6°20	19°32	27°47	0°27	7°30	28°51	17°15	16°35	3°12	28°59	M19
T 20	7 54 9	29° 8'51	13°43	6°57	26° 8	5°56	19°40	27°49	0°28	7°32	28°51	17°R15	16°32	3°18	29° 5	T 20
W21	7 58 6	0♒ 9'56	26°33	7°19	27°22	5°32	19°48	27°52	0°28	7°34	28°51	17°15	16°29	3°25	29°11	W21
T 22	8 2 2	1°10'59	9♒10	7°47	28°37	5° 8	19°56	27°54	0°29	7°36	28°51	17°14	16°26	3°32	29°17	T 22
F 23	8 5 59	2°12'02	21°34	8°21	29°51	4°44	20° 4	27°57	0°30	7°38	28°52	17°13	16°23	3°39	29°23	F 23
S 24	8 9 55	3°13'04	3♓48	8°59	1♓ 5	4°20	20°12	27°59	0°30	7°40	28°52	17°10	16°19	3°45	29°29	S 24
S 25	8 13 52	4°14'05	15°51	9°43	2°20	3°56	20°19	28° 2	0°31	7°42	28°52	17° 8	16°16	3°52	29°35	S 25
M26	8 17 48	5°15'05	27°47	10°31	3°34	3°32	20°27	28° 5	0°32	7°44	28°52	17° 5	16°13	3°59	29°41	M26
T 27	8 21 45	6°16'04	9♈39	11°22	4°48	3° 8	20°34	28° 8	0°33	7°46	28°53	17° 2	16°10	4° 5	29°46	T 27
W28	8 25 42	7°17'02	21°31	12°18	6° 2	2°44	20°41	28°11	0°34	7°48	28°53	17° 0	16° 7	4°12	29°52	W28
T 29	8 29 38	8°17'58	3♉27	13°16	7°16	2°21	20°48	28°14	0°35	7°50	28°53	16°D59	16° 3	4°19	29°58	T 29
F 30	8 33 35	9°18'53	15°32	14°17	8°31	1°57	20°55	28°17	0°36	7°52	28°54	16°59	16° 0	4°26	0♑ 3	F 30
S 31	8 37 31	10♒19'47	27♉50	15♑21	9♓45	1♎34	21♏ 1	28♈20	0♉37	7♓54	28♈54	17♋ 0	15♋57	4♈32	0♑ 9	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 6	5n 2	5s14	20s32	1n14	21s10	1s35	20n52	3n51	15s52	1n 2	8n12	2s33	11n10	0s30	9s43	0s50	4s46	16s56	22n21	22n18	4s 4	18s 0	5n26
F 2	23 1	9 25	4 57	20 20	1 33	20 53	1 36	20 58	3 53	15 54	1 2	8 12	2 32	11 9	0 30	9 43	0 50	4 46	16 55	22 21	22 19	4 1	18 0	5 26
S 3	22 56	13 30	4 27	20 10	1 52	20 36	1 36	21 4	3 55	15 57	1 3	8 12	2 32	11 9	0 30	9 42	0 50	4 46	16 55	22 21	22 19	3 59	18 0	5 26
S 4	22 50	17 5	3 43	20 1	2 10	20 18	1 37	21 11	3 58	16 0	1 3	8 13	2 32	11 9	0 30	9 42	0 50	4 46	16 55	22 21	22 20	3 56	17 59	5 27
M 5	22 44	19 56	2 46	19 54	2 27	19 59	1 38	21 18	4 0	16 3	1 3	8 13	2 32	11 9	0 30	9 41	0 50	4 45	16 54	22 21	22 20	3 54	17 59	5 27
T 6	22 38	21 48	1 39	19 49	2 42	19 40	1 38	21 24	4 2	16 5	1 3	8 14	2 31	11 9	0 30	9 40	0 50	4 45	16 54	22 21	22 20	3 51	17 59	5 27
W 7	22 31	22 26	0 25	19 45	2 55	19 20	1 38	21 31	4 4	16 8	1 3	8 14	2 31	11 9	0 30	9 40	0 50	4 45	16 53	22 21	22 21	3 49	17 59	5 27
T 8	22 23	21 42	0n52	19 43	3 6	19 0	1 39	21 38	4 6	16 10	1 3	8 15	2 31	11 9	0 30	9 39	0 50	4 44	16 53	22 21	22 21	3 46	17 59	5 28
F 9	22 15	19 36	2 7	19 42	3 14	18 40	1 39	21 45	4 8	16 13	1 3	8 16	2 30	11 9	0 30	9 39	0 50	4 44	16 53	22 21	22 22	3 44	17 59	5 28
S 10	22 7	16 15	3 15	19 42	3 19	18 18	1 39	21 52	4 10	16 15	1 3	8 16	2 30	11 9	0 30	9 38	0 50	4 44	16 52	22 21	22 22	3 42	17 59	5 28
S 11	21 58	11 55	4 11	19 44	3 22	17 57	1 39	22 0	4 12	16 18	1 3	8 17	2 30	11 9	0 30	9 37	0 50	4 44	16 52	22 21	22 22	3 39	17 58	5 28
M12	21 49	6 55	4 51	19 47	3 23	17 34	1 39	22 7	4 14	16 20	1 3	8 18	2 29	11 9	0 30	9 37	0 50	4 43	16 52	22 21	22 23	3 37	17 58	5 29
T 13	21 39	1 35	5 13	19 52	3 21	17 12	1 39	22 14	4 15	16 23	1 4	8 18	2 29	11 9	0 30	9 36	0 50	4 43	16 51	22 21	22 23	3 34	17 58	5 29
W14	21 29	3s48	5 16	19 57	3 18	16 48	1 39	22 21	4 17	16 25	1 4	8 19	2 29	11 10	0 30	9 35	0 50	4 43	16 51	22 21	22 24	3 32	17 58	5 29
T 15	21 19	8 56	5 0	20 3	3 13	16 25	1 39	22 29	4 19	16 27	1 4	8 20	2 29	11 10	0 30	9 35	0 50	4 42	16 51	22 21	22 24	3 29	17 57	5 30
F 16	21 8	13 33	4 26	20 10	3 7	16 1	1 38	22 36	4 20	16 29	1 4	8 21	2 28	11 10	0 30	9 34	0 50	4 42	16 50	22 21	22 24	3 27	17 57	5 30
S 17	20 57	17 23	3 38	20 18	3 0	15 36	1 38	22 43	4 21	16 32	1 4	8 22	2 28	11 10	0 30	9 33	0 50	4 41	16 50	22 21	22 25	3 24	17 57	5 30
S 18	20 45	20 14	2 38	20 26	2 52	15 11	1 38	22 50	4 22	16 34	1 4	8 23	2 28	11 10	0 30	9 33	0 50	4 41	16 49	22 21	22 25	3 22	17 57	5 31
M19	20 33	21 57	1 31	20 34	2 43	14 46	1 37	22 57	4 24	16 36	1 4	8 24	2 27	11 10	0 30	9 32	0 50	4 41	16 49	22 21	22 26	3 19	17 56	5 31
T 20	20 21	22 26	0 20	20 43	2 34	14 20	1 37	23 4	4 25	16 38	1 4	8 25	2 27	11 11	0 30	9 31	0 50	4 40	16 49	22 21	22 26	3 17	17 56	5 31
W21	20 8	21 42	0s51	20 52	2 24	13 54	1 36	23 11	4 25	16 40	1 4	8 26	2 27	11 11	0 30	9 31	0 50	4 40	16 48	22 21	22 26	3 14	17 56	5 32
T 22	19 55	19 53	1 58	21 0	2 14	13 27	1 35	23 18	4 26	16 42	1 5	8 27	2 27	11 11	0 30	9 30	0 50	4 40	16 48	22 21	22 27	3 12	17 55	5 32
F 23	19 41	17 8	2 58	21 8	2 4	13 0	1 34	23 25	4 27	16 44	1 5	8 28	2 26	11 11	0 30	9 29	0 50	4 39	16 48	22 21	22 27	3 9	17 55	5 32
S 24	19 27	13 41	3 50	21 16	1 53	12 33	1 33	23 31	4 28	16 46	1 5	8 30	2 26	11 12	0 30	9 28	0 50	4 39	16 47	22 21	22 28	3 7	17 55	5 33
S 25	19 13	9 43	4 30	21 24	1 43	12 5	1 32	23 37	4 28	16 48	1 5	8 31	2 26	11 12	0 30	9 28	0 50	4 38	16 47	22 22	22 28	3 4	17 54	5 33
M26	18 58	5 26	4 57	21 30	1 32	11 38	1 31	23 43	4 28	16 50	1 5	8 32	2 25	11 12	0 30	9 27	0 50	4 38	16 47	22 22	22 28	3 2	17 54	5 33
T 27	18 43	0 58	5 12	21 37	1 22	11 9	1 30	23 49	4 29	16 51	1 5	8 33	2 25	11 13	0 30	9 26	0 50	4 37	16 46	22 22	22 29	2 59	17 54	5 34
W28	18 28	3n32	5 14	21 42	1 12	10 41	1 29	23 55	4 29	16 53	1 5	8 35	2 25	11 13	0 30	9 25	0 50	4 37	16 46	22 23	22 29	2 57	17 53	5 34
T 29	18 12	7 56	5 2	21 47	1 1	10 12	1 28	24 1	4 29	16 55	1 5	8 36	2 25	11 13	0 30	9 25	0 50	4 37	16 46	22 23	22 29	2 54	17 53	5 35
F 30	17 56	12 5	4 37	21 50	0 51	9 43	1 27	24 6	4 29	16 57	1 6	8 37	2 24	11 14	0 30	9 24	0 50	4 36	16 45	22 23	22 30	2 52	17 53	5 35
S 31	17s40	15n49	3s59	21s53	0n41	9s14	1s25	24n11	4n28	16s58	1n 6	8n39	2s24	11n14	0s29	9s23	0s50	4s36	16s45	22n23	22n30	2s49	17s52	5n35

Julian Day Number = 2397488.5, Delta T = 9.93 sec
Ecliptic obliquity = 23°27'28, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°40'25, Lahiri = 21°47'25

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ASTRODIENST EPHEMERIS for the year 1852
geocentric

FEBRUARY 1852 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 41 28	11♒20'40	10♊25	16♑27	10♓59	1°R12	21♏ 8	28♈24	0♉38	7♓56	28♈55	17♋ 2	15♋54	4♈39	0♑14	S 1
M 2	8 45 24	12°21'31	23°23	17°35	12°13	0♌49	21°14	28°27	0°39	7°58	28°55	17° 4	15°51	4°46	0°20	M 2
T 3	8 49 21	13°22'21	6♋46	18°45	13°26	0°27	21°20	28°31	0°41	8° 0	28°55	17° 5	15°48	4°53	0°25	T 3
W 4	8 53 17	14°23'10	20°34	19°57	14°40	0° 6	21°26	28°34	0°42	8° 2	28°56	17°R 5	15°44	4°59	0°31	W 4
T 5	8 57 14	15°23'57	4♌46	21°11	15°54	29♋45	21°32	28°38	0°43	8° 4	28°56	17° 4	15°41	5° 6	0°36	T 5
F 6	9 1 11	16°24'43	19°19	22°27	17° 8	29°24	21°38	28°42	0°45	8° 7	28°57	17° 2	15°38	5°13	0°41	F 6
S 7	9 5 7	17°25'27	4♍ 6	23°44	18°22	29° 4	21°44	28°46	0°46	8° 9	28°57	16°58	15°35	5°19	0°46	S 7
S 8	9 9 4	18°26'11	18°59	25° 2	19°35	28°45	21°49	28°50	0°48	8°11	28°58	16°53	15°32	5°26	0°51	S 8
M 9	9 13 0	19°26'53	3♎51	26°22	20°49	28°26	21°54	28°54	0°49	8°13	28°59	16°48	15°28	5°33	0°56	M 9
T 10	9 16 57	20°27'34	18°32	27°43	22° 2	28° 8	21°59	28°59	0°51	8°15	28°59	16°44	15°25	5°40	1° 1	T 10
W11	9 20 53	21°28'14	2♏58	29° 5	23°16	27°50	22° 4	29° 3	0°52	8°17	29° 0	16°41	15°22	5°46	1° 6	W11
T 12	9 24 50	22°28'53	17° 6	0♒29	24°29	27°33	22° 9	29° 7	0°54	8°20	29° 0	16°D40	15°19	5°53	1°11	T 12
F 13	9 28 46	23°29'31	0♐53	1°54	25°43	27°17	22°14	29°12	0°56	8°22	29° 1	16°40	15°16	6° 0	1°16	F 13
S 14	9 32 43	24°30'08	14°20	3°19	26°56	27° 2	22°18	29°16	0°58	8°24	29° 2	16°41	15°13	6° 6	1°21	S 14
S 15	9 36 40	25°30'44	27°30	4°46	28° 9	26°47	22°22	29°21	0°59	8°26	29° 2	16°43	15° 9	6°13	1°26	S 15
M16	9 40 36	26°31'18	10♑25	6°14	29°22	26°33	22°26	29°26	1° 1	8°29	29° 3	16°R44	15° 6	6°20	1°30	M16
T 17	9 44 33	27°31'51	23° 6	7°43	0♈36	26°20	22°30	29°31	1° 3	8°31	29° 4	16°44	15° 3	6°27	1°35	T 17
W18	9 48 29	28°32'23	5♒36	9°13	1°49	26° 7	22°34	29°36	1° 5	8°33	29° 5	16°42	15° 0	6°33	1°39	W18
T 19	9 52 26	29°32'53	17°56	10°44	3° 2	25°55	22°38	29°41	1° 7	8°35	29° 5	16°38	14°57	6°40	1°44	T 19
F 20	9 56 22	0♓33'21	0♓ 8	12°15	4°15	25°44	22°41	29°46	1° 9	8°38	29° 6	16°32	14°54	6°47	1°48	F 20
S 21	10 0 19	1°33'48	12°13	13°48	5°28	25°34	22°44	29°51	1°11	8°40	29° 7	16°24	14°50	6°54	1°52	S 21
S 22	10 4 15	2°34'14	24°12	15°22	6°41	25°25	22°47	29°56	1°13	8°42	29° 8	16°15	14°47	7° 0	1°57	S 22
M23	10 8 12	3°34'37	6♈ 6	16°57	7°53	25°16	22°50	0♉ 1	1°16	8°44	29° 9	16° 5	14°44	7° 7	2° 1	M23
T 24	10 12 9	4°34'58	17°57	18°33	9° 6	25° 9	22°53	0° 7	1°18	8°47	29°10	15°56	14°41	7°14	2° 5	T 24
W25	10 16 5	5°35'18	29°49	20° 9	10°19	25° 2	22°55	0°12	1°20	8°49	29°10	15°49	14°38	7°20	2° 9	W25
T 26	10 20 2	6°35'36	11♉43	21°47	11°31	24°56	22°58	0°18	1°22	8°51	29°11	15°43	14°34	7°27	2°13	T 26
F 27	10 23 58	7°35'52	23°45	23°26	12°44	24°50	23° 0	0°23	1°25	8°53	29°12	15°40	14°31	7°34	2°17	F 27
S 28	10 27 55	8°36'06	5♊59	25° 6	13°56	24°46	23° 2	0°29	1°27	8°56	29°13	15°D39	14°28	7°41	2°21	S 28
S 29	10 31 51	9♓36'17	18♊29	26♒46	15♈ 8	24♋42	23♏ 4	0♉35	1♉29	8♓58	29♈14	15♋39	14♋25	7♈47	2♑24	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s23	18n56	3s 8	21s55	0n32	8s45	1s24	24n16	4n28	17s 0	1n 6	8n40	2s24	11n15	0s29	9s22	0s50	4s35	16s44	22n22	22n31	2s47	17s52	5n36
M 2	17 6	21 11	2 7	21 56	0 22	8 15	1 22	24 21	4 28	17 1	1 6	8 42	2 24	11 15	0 29	9 22	0 50	4 35	16 44	22 22	22 31	2 44	17 51	5 36
T 3	16 49	22 21	0 56	21 56	0 13	7 45	1 20	24 25	4 27	17 3	1 6	8 43	2 23	11 16	0 29	9 21	0 50	4 34	16 44	22 22	22 31	2 42	17 51	5 37
W 4	16 32	22 12	0n19	21 55	0 4	7 15	1 19	24 29	4 27	17 4	1 6	8 45	2 23	11 16	0 29	9 20	0 50	4 34	16 43	22 22	22 32	2 39	17 50	5 37
T 5	16 14	20 38	1 35	21 52	0s 5	6 45	1 17	24 33	4 26	17 6	1 6	8 46	2 23	11 17	0 29	9 19	0 50	4 33	16 43	22 22	22 32	2 37	17 50	5 37
F 6	15 56	17 41	2 47	21 49	0 13	6 14	1 15	24 37	4 25	17 7	1 7	8 48	2 22	11 17	0 29	9 18	0 50	4 33	16 43	22 22	22 32	2 34	17 49	5 38
S 7	15 37	13 34	3 49	21 44	0 22	5 44	1 13	24 40	4 24	17 8	1 7	8 50	2 22	11 18	0 29	9 18	0 50	4 32	16 42	22 23	22 33	2 32	17 49	5 38
S 8	15 19	8 35	4 36	21 38	0 30	5 13	1 11	24 43	4 23	17 9	1 7	8 51	2 22	11 18	0 29	9 17	0 50	4 32	16 42	22 23	22 33	2 29	17 48	5 39
M 9	15 0	3 7	5 4	21 31	0 38	4 42	1 9	24 46	4 22	17 11	1 7	8 53	2 22	11 19	0 29	9 16	0 50	4 31	16 42	22 24	22 34	2 27	17 48	5 39
T 10	14 41	2s28	5 12	21 22	0 45	4 11	1 7	24 49	4 21	17 12	1 7	8 55	2 21	11 19	0 29	9 15	0 50	4 31	16 41	22 25	22 34	2 24	17 47	5 40
W11	14 21	7 49	4 59	21 13	0 52	3 40	1 5	24 51	4 20	17 13	1 7	8 57	2 21	11 20	0 29	9 14	0 50	4 30	16 41	22 25	22 34	2 22	17 47	5 40
T 12	14 2	12 39	4 29	21 2	0 59	3 9	1 2	24 53	4 19	17 14	1 7	8 58	2 21	11 21	0 29	9 13	0 50	4 30	16 41	22 25	22 35	2 19	17 46	5 41
F 13	13 42	16 42	3 44	20 50	1 6	2 37	1 0	24 55	4 17	17 15	1 8	9 0	2 21	11 21	0 29	9 13	0 50	4 29	16 40	22 25	22 35	2 17	17 46	5 41
S 14	13 22	19 46	2 47	20 36	1 13	2 6	0 58	24 57	4 16	17 16	1 8	9 2	2 20	11 22	0 29	9 12	0 50	4 29	16 40	22 25	22 35	2 14	17 45	5 42
S 15	13 2	21 43	1 43	20 22	1 19	1 35	0 55	24 58	4 14	17 17	1 8	9 4	2 20	11 22	0 29	9 11	0 50	4 28	16 40	22 25	22 36	2 12	17 45	5 42
M16	12 41	22 29	0 34	20 5	1 24	1 3	0 53	25 0	4 13	17 18	1 8	9 6	2 20	11 23	0 29	9 10	0 50	4 28	16 39	22 25	22 36	2 9	17 44	5 43
T 17	12 20	22 3	0s35	19 48	1 30	0 32	0 50	25 1	4 11	17 19	1 8	9 8	2 20	11 24	0 29	9 9	0 50	4 27	16 39	22 25	22 36	2 7	17 44	5 43
W18	11 59	20 31	1 41	19 30	1 35	0 0	0 47	25 2	4 10	17 20	1 8	9 10	2 19	11 25	0 29	9 8	0 50	4 26	16 39	22 25	22 37	2 4	17 43	5 44
T 19	11 38	18 1	2 41	19 10	1 40	0n31	0 45	25 2	4 8	17 20	1 8	9 12	2 19	11 25	0 29	9 8	0 50	4 26	16 38	22 25	22 37	2 2	17 42	5 44
F 20	11 17	14 45	3 33	18 48	1 44	1 3	0 42	25 3	4 6	17 21	1 9	9 14	2 19	11 26	0 29	9 7	0 50	4 25	16 38	22 26	22 38	1 59	17 42	5 45
S 21	10 56	10 54	4 15	18 26	1 48	1 34	0 39	25 3	4 4	17 22	1 9	9 16	2 19	11 27	0 29	9 6	0 50	4 25	16 38	22 27	22 38	1 57	17 41	5 45
S 22	10 34	6 40	4 45	18 2	1 52	2 6	0 36	25 3	4 3	17 22	1 9	9 18	2 19	11 27	0 29	9 5	0 50	4 24	16 38	22 28	22 38	1 54	17 41	5 46
M23	10 12	2 12	5 2	17 36	1 56	2 37	0 33	25 2	4 1	17 23	1 9	9 20	2 18	11 28	0 29	9 4	0 50	4 24	16 37	22 29	22 39	1 52	17 40	5 46
T 24	9 50	2n19	5 7	17 10	1 59	3 9	0 30	25 2	3 59	17 23	1 9	9 22	2 18	11 29	0 29	9 3	0 50	4 23	16 37	22 30	22 39	1 49	17 39	5 47
W25	9 28	6 46	4 58	16 42	2 2	3 40	0 27	25 2	3 57	17 24	1 9	9 24	2 18	11 30	0 29	9 3	0 50	4 23	16 37	22 31	22 39	1 46	17 39	5 48
T 26	9 6	10 59	4 36	16 13	2 4	4 11	0 24	25 1	3 55	17 24	1 10	9 26	2 18	11 31	0 29	9 2	0 50	4 22	16 36	22 32	22 40	1 44	17 38	5 48
F 27	8 44	14 49	4 2	15 42	2 6	4 42	0 21	25 0	3 53	17 25	1 10	9 28	2 17	11 31	0 29	9 1	0 50	4 21	16 36	22 32	22 40	1 41	17 38	5 49
S 28	8 21	18 6	3 16	15 10	2 7	5 13	0 18	24 59	3 51	17 25	1 10	9 30	2 17	11 32	0 29	9 0	0 50	4 21	16 36	22 32	22 40	1 39	17 37	5 49
S 29	7s58	20n37	2s21	14s37	2s 9	5n44	0s15	24n57	3n49	17s25	1n10	9n33	2s17	11n33	0s29	8s59	0s50	4s20	16s36	22n32	22n41	1s36	17s36	5n50

Julian Day Number = 2397519.5, Delta T = 9.95 sec
Ecliptic obliquity = 23°27'28, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°40'29, Lahiri = 21°47'30

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ASTRODIENST EPHEMERIS for the year 1852
geocentric

MARCH 1852 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 35 48	10♓36'27	1♋21	28♒28	16♈21	24°R39	23♏ 5	0♉41	1♉32	9♓ 0	29♈15	15♋40	14♋22	7♈54	2♑28	M 1
T 2	10 39 44	11°36'35	14°38	0♓11	17°33	24♋37	23° 7	0°46	1°34	9° 3	29°16	15°R41	14°19	8° 1	2°32	T 2
W 3	10 43 41	12°36'40	28°23	1°55	18°45	24°35	23° 8	0°52	1°37	9° 5	29°17	15°40	14°15	8° 7	2°35	W 3
T 4	10 47 38	13°36'44	12♌38	3°40	19°57	24°D35	23° 9	0°58	1°39	9° 7	29°18	15°37	14°12	8°14	2°38	T 4
F 5	10 51 34	14°36'45	27°19	5°26	21° 9	24°35	23°10	1° 4	1°42	9° 9	29°19	15°32	14° 9	8°21	2°42	F 5
S 6	10 55 31	15°36'44	12♍22	7°14	22°20	24°36	23°10	1°11	1°44	9°12	29°20	15°24	14° 6	8°28	2°45	S 6
S 7	10 59 27	16°36'42	27°35	9° 2	23°32	24°37	23°11	1°17	1°47	9°14	29°21	15°15	14° 3	8°34	2°48	S 7
M 8	11 3 24	17°36'37	12♎50	10°51	24°44	24°39	23°11	1°23	1°50	9°16	29°22	15° 5	14° 0	8°41	2°51	M 8
T 9	11 7 20	18°36'31	27°54	12°42	25°55	24°42	23°R11	1°29	1°52	9°18	29°23	14°57	13°56	8°48	2°54	T 9
W10	11 11 17	19°36'23	12♏40	14°34	27° 7	24°46	23°11	1°36	1°55	9°21	29°24	14°50	13°53	8°55	2°57	W10
T 11	11 15 13	20°36'13	27° 1	16°27	28°18	24°50	23°11	1°42	1°58	9°23	29°25	14°45	13°50	9° 1	3° 0	T 11
F 12	11 19 10	21°36'02	10♐56	18°21	29°29	24°55	23°10	1°48	2° 1	9°25	29°27	14°43	13°47	9° 8	3° 3	F 12
S 13	11 23 7	22°35'49	24°24	20°16	0♑40	25° 1	23°10	1°55	2° 4	9°27	29°28	14°D42	13°44	9°15	3° 6	S 13
S 14	11 27 3	23°35'35	7♑28	22°12	1°51	25° 7	23° 9	2° 1	2° 6	9°30	29°29	14°43	13°40	9°21	3° 8	S 14
M15	11 31 0	24°35'18	20°13	24° 9	3° 2	25°14	23° 8	2° 8	2° 9	9°32	29°30	14°R43	13°37	9°28	3°11	M15
T 16	11 34 56	25°35'00	2♒42	26° 7	4°13	25°21	23° 7	2°15	2°12	9°34	29°31	14°41	13°34	9°35	3°13	T 16
W17	11 38 53	26°34'41	14°58	28° 6	5°24	25°29	23° 5	2°21	2°15	9°36	29°32	14°37	13°31	9°42	3°16	W17
T 18	11 42 49	27°34'19	27° 6	0♈ 6	6°34	25°38	23° 4	2°28	2°18	9°38	29°34	14°31	13°28	9°48	3°18	T 18
F 19	11 46 46	28°33'55	9♓ 7	2° 6	7°45	25°47	23° 2	2°35	2°21	9°41	29°35	14°21	13°25	9°55	3°20	F 19
S 20	11 50 42	29°33'30	21° 3	4° 7	8°55	25°57	23° 0	2°42	2°24	9°43	29°36	14° 9	13°21	10° 2	3°22	S 20
S 21	11 54 39	0♈33'02	2♈57	6° 8	10° 6	26° 8	22°58	2°49	2°27	9°45	29°37	13°55	13°18	10° 8	3°24	S 21
M22	11 58 35	1°32'32	14°49	8°10	11°16	26°19	22°55	2°56	2°30	9°47	29°38	13°41	13°15	10°15	3°26	M22
T 23	12 2 32	2°32'01	26°41	10°11	12°26	26°30	22°53	3° 3	2°33	9°49	29°40	13°27	13°12	10°22	3°28	T 23
W24	12 6 29	3°31'27	8♉35	12°11	13°36	26°42	22°50	3°10	2°36	9°51	29°41	13°15	13° 9	10°29	3°30	W24
T 25	12 10 25	4°30'51	20°32	14°11	14°45	26°55	22°47	3°17	2°39	9°54	29°42	13° 6	13° 5	10°35	3°31	T 25
F 26	12 14 22	5°30'12	2♊35	16°10	15°55	27° 8	22°44	3°24	2°43	9°56	29°43	12°59	13° 2	10°42	3°33	F 26
S 27	12 18 18	6°29'32	14°48	18° 8	17° 4	27°22	22°41	3°31	2°46	9°58	29°45	12°55	12°59	10°49	3°34	S 27
S 28	12 22 15	7°28'49	27°16	20° 4	18°14	27°36	22°38	3°38	2°49	10° 0	29°46	12°54	12°56	10°56	3°36	S 28
M29	12 26 11	8°28'04	10♋ 3	21°57	19°23	27°51	22°34	3°45	2°52	10° 2	29°47	12°54	12°53	11° 2	3°37	M29
T 30	12 30 8	9°27'17	23°12	23°48	20°32	28° 6	22°30	3°53	2°55	10° 4	29°49	12°53	12°50	11° 9	3°38	T 30
W31	12 34 4	10♈26'27	6♌49	25♈36	21♉41	28♋21	22♏26	4♉ 0	2♉59	10♓ 6	29♈50	12♋52	12♋46	11♈16	3♑39	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s36	22n11	1s16	14s 2	2s 9	6n15	0s12	24n56	3n47	17s26	1n10	9n35	2s17	11n34	0s29	8s58	0s50	4s20	16s35	22n32	22n41	1s34	17s36	5n50
T 2	7 13	22 34	0 6	13 26	2 10	6 46	0 8	24 55	3 45	17 26	1 10	9 37	2 17	11 35	0 29	8 57	0 50	4 19	16 35	22 32	22 41	1 31	17 35	5 51
W 3	6 50	21 36	1n 8	12 49	2 9	7 17	0 5	24 53	3 43	17 26	1 10	9 39	2 16	11 36	0 29	8 57	0 50	4 19	16 35	22 32	22 42	1 29	17 34	5 52
T 4	6 27	19 15	2 19	12 10	2 9	7 47	0 1	24 51	3 41	17 26	1 11	9 41	2 16	11 37	0 29	8 56	0 50	4 18	16 34	22 33	22 42	1 26	17 34	5 52
F 5	6 4	15 35	3 23	11 30	2 8	8 17	0n 2	24 49	3 39	17 26	1 11	9 44	2 16	11 38	0 29	8 55	0 50	4 17	16 34	22 33	22 42	1 23	17 33	5 53
S 6	5 41	10 51	4 15	10 49	2 6	8 47	0 5	24 47	3 37	17 26	1 11	9 46	2 16	11 39	0 28	8 54	0 50	4 17	16 34	22 34	22 43	1 21	17 32	5 53
S 7	5 17	5 23	4 49	10 7	2 4	9 17	0 9	24 45	3 35	17 26	1 11	9 48	2 16	11 39	0 28	8 53	0 50	4 16	16 34	22 35	22 43	1 18	17 32	5 54
M 8	4 54	0s25	5 3	9 23	2 2	9 47	0 12	24 42	3 33	17 26	1 11	9 51	2 16	11 40	0 28	8 52	0 50	4 16	16 33	22 36	22 43	1 16	17 31	5 55
T 9	4 31	6 8	4 56	8 38	1 59	10 16	0 16	24 40	3 31	17 26	1 11	9 53	2 15	11 41	0 28	8 52	0 50	4 15	16 33	22 37	22 44	1 13	17 30	5 55
W10	4 7	11 23	4 29	7 51	1 55	10 45	0 19	24 37	3 29	17 26	1 11	9 55	2 15	11 42	0 28	8 51	0 50	4 14	16 33	22 38	22 44	1 11	17 30	5 56
T 11	3 44	15 51	3 45	7 4	1 51	11 14	0 23	24 34	3 27	17 26	1 12	9 58	2 15	11 43	0 28	8 50	0 50	4 14	16 33	22 38	22 44	1 8	17 29	5 56
F 12	3 20	19 18	2 50	6 15	1 47	11 43	0 27	24 31	3 25	17 25	1 12	10 0	2 15	11 44	0 28	8 49	0 50	4 13	16 33	22 39	22 45	1 6	17 28	5 57
S 13	2 56	21 35	1 46	5 25	1 42	12 11	0 30	24 28	3 23	17 25	1 12	10 2	2 15	11 45	0 28	8 48	0 50	4 13	16 32	22 39	22 45	1 3	17 28	5 58
S 14	2 33	22 36	0 38	4 34	1 36	12 39	0 34	24 25	3 21	17 25	1 12	10 5	2 14	11 46	0 28	8 47	0 50	4 12	16 32	22 39	22 45	1 0	17 27	5 58
M15	2 9	22 25	0s29	3 42	1 30	13 7	0 38	24 22	3 19	17 24	1 12	10 7	2 14	11 47	0 28	8 47	0 50	4 12	16 32	22 39	22 46	0 58	17 26	5 59
T 16	1 45	21 6	1 34	2 49	1 23	13 35	0 41	24 19	3 17	17 24	1 12	10 10	2 14	11 48	0 28	8 46	0 50	4 11	16 32	22 39	22 46	0 55	17 26	6 0
W17	1 22	18 48	2 33	1 55	1 16	14 2	0 45	24 15	3 15	17 23	1 12	10 12	2 14	11 49	0 28	8 45	0 50	4 10	16 31	22 39	22 46	0 53	17 25	6 0
T 18	0 58	15 41	3 24	1 0	1 8	14 29	0 49	24 12	3 13	17 23	1 13	10 15	2 14	11 50	0 28	8 44	0 50	4 10	16 31	22 40	22 47	0 50	17 24	6 1
F 19	0 34	11 57	4 6	0 5	1 0	14 56	0 52	24 8	3 11	17 22	1 13	10 17	2 14	11 51	0 28	8 43	0 50	4 9	16 31	22 41	22 47	0 48	17 24	6 2
S 20	0 11	7 47	4 36	0n51	0 51	15 22	0 56	24 4	3 9	17 22	1 13	10 20	2 14	11 52	0 28	8 42	0 50	4 9	16 31	22 42	22 47	0 45	17 23	6 2
S 21	0n13	3 20	4 55	1 48	0 42	15 48	1 0	24 0	3 7	17 21	1 13	10 22	2 13	11 54	0 28	8 42	0 50	4 8	16 31	22 44	22 48	0 42	17 22	6 3
M22	0 37	1n14	5 0	2 45	0 32	16 13	1 3	23 56	3 5	17 20	1 13	10 25	2 13	11 55	0 28	8 41	0 50	4 7	16 31	22 45	22 48	0 40	17 21	6 4
T 23	1 0	5 45	4 52	3 42	0 22	16 39	1 7	23 52	3 3	17 20	1 13	10 27	2 13	11 56	0 28	8 40	0 50	4 7	16 30	22 47	22 48	0 37	17 21	6 4
W24	1 24	10 5	4 32	4 39	0 11	17 3	1 11	23 48	3 2	17 19	1 13	10 30	2 13	11 57	0 28	8 39	0 50	4 6	16 30	22 48	22 48	0 35	17 20	6 5
T 25	1 48	14 3	3 59	5 36	0 0	17 28	1 14	23 44	3 0	17 18	1 13	10 32	2 13	11 58	0 28	8 39	0 50	4 6	16 30	22 49	22 49	0 32	17 19	6 5
F 26	2 11	17 30	3 16	6 32	0n11	17 52	1 18	23 39	2 58	17 17	1 14	10 35	2 13	11 59	0 28	8 38	0 50	4 5	16 30	22 49	22 49	0 29	17 19	6 6
S 27	2 35	20 14	2 23	7 28	0 23	18 15	1 22	23 35	2 56	17 16	1 14	10 37	2 13	12 0	0 28	8 37	0 50	4 5	16 30	22 50	22 49	0 27	17 18	6 7
S 28	2 58	22 4	1 22	8 23	0 34	18 38	1 25	23 30	2 54	17 15	1 14	10 40	2 13	12 1	0 28	8 36	0 50	4 4	16 30	22 50	22 50	0 24	17 17	6 7
M29	3 22	22 50	0 15	9 16	0 46	19 1	1 29	23 25	2 52	17 14	1 14	10 42	2 12	12 2	0 28	8 35	0 50	4 3	16 29	22 50	22 50	0 22	17 17	6 8
T 30	3 45	22 21	0n54	10 9	0 58	19 23	1 33	23 21	2 51	17 13	1 14	10 45	2 12	12 3	0 28	8 35	0 50	4 3	16 29	22 50	22 50	0 19	17 16	6 9
W31	4n 8	20n34	2n 3	10n59	1n10	19n45	1n36	23n16	2n49	17s12	1n14	10n47	2s12	12n 5	0s28	8s34	0s50	4s 2	16s29	22n50	22n51	0s17	17s15	6n 9

Julian Day Number = 2397548.5, Delta T = 9.97 sec
Ecliptic obliquity = 23°27'29, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°40'33, Lahiri = 21°47'34

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ASTRODIENST EPHEMERIS for the year 1852
geocentric

APRIL 1852 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 38 1	11♈25'35	20♌55	27♈21	22♉50	28♋37	22°R22	4♉ 7	3♉ 2	10♓ 8	29♈51	12°R49	12♋43	11♈22	3♏40	T 1
F 2	12 41 58	12°24'40	5♍30	29° 2	23°59	28°54	22♏18	4°14	3° 5	10°10	29°53	12♋42	12°40	11°29	3°41	F 2
S 3	12 45 54	13°23'44	20°29	0♉39	25° 7	29°10	22°14	4°22	3° 8	10°12	29°54	12°34	12°37	11°36	3°42	S 3
S 4	12 49 51	14°22'45	5♎45	2°11	26°15	29°28	22° 9	4°29	3°12	10°14	29°55	12°23	12°34	11°43	3°43	S 4
M 5	12 53 47	15°21'44	21° 7	3°39	27°23	29°45	22° 4	4°36	3°15	10°16	29°57	12°12	12°31	11°49	3°43	M 5
T 6	12 57 44	16°20'41	6♏23	5° 1	28°31	0♌ 3	21°59	4°44	3°18	10°18	29°58	12° 1	12°27	11°56	3°44	T 6
W 7	13 1 40	17°19'36	21°22	6°19	29°39	0°22	21°54	4°51	3°22	10°20	29°59	11°53	12°24	12° 3	3°45	W 7
T 8	13 5 37	18°18'29	5♐57	7°31	0♊47	0°41	21°49	4°59	3°25	10°22	0♉ 1	11°47	12°21	12° 9	3°45	T 8
F 9	13 9 33	19°17'21	20° 3	8°38	1°54	1° 0	21°44	5° 6	3°28	10°24	0° 2	11°43	12°18	12°16	3°45	F 9
S 10	13 13 30	20°16'11	3♑39	9°38	3° 2	1°20	21°39	5°14	3°32	10°25	0° 3	11°42	12°15	12°23	3°45	S 10
S 11	13 17 27	21°14'59	16°48	10°33	4° 9	1°40	21°33	5°21	3°35	10°27	0° 5	11°42	12°11	12°30	3°46	S 11
M12	13 21 23	22°13'45	29°33	11°22	5°15	2° 0	21°27	5°29	3°39	10°29	0° 6	11°42	12° 8	12°36	3°R46	M12
T 13	13 25 20	23°12'30	11♒59	12° 4	6°22	2°20	21°21	5°36	3°42	10°31	0° 7	11°40	12° 5	12°43	3°46	T 13
W14	13 29 16	24°11'13	24°11	12°41	7°29	2°41	21°15	5°44	3°45	10°33	0° 9	11°37	12° 2	12°50	3°45	W14
T 15	13 33 13	25° 9'54	6♓12	13°11	8°35	3° 3	21° 9	5°52	3°49	10°34	0°10	11°31	11°59	12°57	3°45	T 15
F 16	13 37 9	26° 8'34	18° 8	13°36	9°41	3°24	21° 3	5°59	3°52	10°36	0°12	11°22	11°56	13° 3	3°45	F 16
S 17	13 41 6	27° 7'11	29°59	13°54	10°47	3°46	20°57	6° 7	3°56	10°38	0°13	11°11	11°52	13°10	3°44	S 17
S 18	13 45 2	28° 5'47	11♈51	14° 5	11°53	4° 8	20°50	6°15	3°59	10°40	0°14	10°58	11°49	13°17	3°44	S 18
M19	13 48 59	29° 4'21	23°44	14°R11	12°58	4°31	20°44	6°22	4° 3	10°41	0°16	10°44	11°46	13°23	3°43	M19
T 20	13 52 56	0♉ 2'53	5♉38	14°11	14° 3	4°54	20°37	6°30	4° 6	10°43	0°17	10°31	11°43	13°30	3°43	T 20
W21	13 56 52	1° 1'23	17°37	14° 5	15° 8	5°17	20°30	6°38	4° 9	10°44	0°19	10°20	11°40	13°37	3°42	W21
T 22	14 0 49	1°59'52	29°41	13°54	16°13	5°40	20°24	6°45	4°13	10°46	0°20	10°11	11°37	13°44	3°41	T 22
F 23	14 4 45	2°58'18	11♊52	13°38	17°18	6° 4	20°17	6°53	4°16	10°48	0°21	10° 5	11°33	13°50	3°40	F 23
S 24	14 8 42	3°56'42	24°12	13°17	18°22	6°28	20°10	7° 1	4°20	10°49	0°23	10° 1	11°30	13°57	3°39	S 24
S 25	14 12 38	4°55'05	6♋45	12°52	19°26	6°52	20° 3	7° 8	4°23	10°51	0°24	10°D 0	11°27	14° 4	3°38	S 25
M26	14 16 35	5°53'25	19°34	12°23	20°30	7°17	19°55	7°16	4°27	10°52	0°25	10° 0	11°24	14°11	3°37	M26
T 27	14 20 31	6°51'43	2♌42	11°51	21°33	7°42	19°48	7°24	4°30	10°54	0°27	10°R 1	11°21	14°17	3°35	T 27
W28	14 24 28	7°49'59	16°13	11°16	22°36	8° 7	19°41	7°31	4°34	10°55	0°28	10° 1	11°17	14°24	3°34	W28
T 29	14 28 25	8°48'13	0♍ 9	10°39	23°39	8°32	19°34	7°39	4°37	10°57	0°30	9°59	11°14	14°31	3°33	T 29
F 30	14 32 21	9♉46'25	14♍30	10♉ 2	24♊42	8♌57	19♏26	7♉47	4♉40	10♓58	0♉31	9♋55	11♋11	14♈37	3♏31	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n31	17n28	3n 6	11n48	1n22	20n 6	1n40	23n11	2n47	17s11	1n14	10n50	2s12	12n 6	0s28	8s33	0s50	4s 2	16s29	22n50	22n51	0s14	17s14	6n10
F 2	4 54	13 13	4 0	12 35	1 33	20 27	1 43	23 5	2 45	17 10	1 14	10 52	2 12	12 7	0 28	8 32	0 50	4 1	16 29	22 51	22 51	0 11	17 14	6 11
S 3	5 18	8 2	4 38	13 20	1 44	20 47	1 47	23 0	2 43	17 8	1 14	10 55	2 12	12 8	0 28	8 32	0 51	4 1	16 29	22 52	22 52	0 9	17 13	6 11
S 4	5 40	2 17	4 58	14 2	1 54	21 7	1 50	22 55	2 42	17 7	1 14	10 57	2 12	12 9	0 28	8 31	0 51	4 0	16 29	22 53	22 52	0 6	17 12	6 12
M 5	6 3	3s40	4 56	14 42	2 4	21 26	1 54	22 49	2 40	17 6	1 15	11 0	2 12	12 10	0 28	8 30	0 51	4 0	16 29	22 54	22 52	0 4	17 12	6 13
T 6	6 26	9 21	4 34	15 19	2 14	21 45	1 57	22 44	2 38	17 5	1 15	11 3	2 12	12 11	0 28	8 30	0 51	3 59	16 28	22 55	22 52	0 1	17 11	6 13
W 7	6 49	14 23	3 52	15 53	2 23	22 3	2 1	22 38	2 37	17 3	1 15	11 5	2 11	12 12	0 28	8 29	0 51	3 59	16 28	22 56	22 53	0n 2	17 10	6 14
T 8	7 11	18 25	2 57	16 24	2 31	22 21	2 4	22 33	2 35	17 2	1 15	11 8	2 11	12 14	0 28	8 28	0 51	3 58	16 28	22 56	22 53	0 4	17 10	6 15
F 9	7 33	21 14	1 52	16 53	2 38	22 38	2 7	22 27	2 33	17 0	1 15	11 10	2 11	12 15	0 28	8 28	0 51	3 57	16 28	22 56	22 53	0 7	17 9	6 15
S 10	7 56	22 42	0 42	17 18	2 44	22 55	2 10	22 21	2 32	16 59	1 15	11 13	2 11	12 16	0 28	8 27	0 51	3 57	16 28	22 57	22 54	0 9	17 8	6 16
S 11	8 18	22 51	0s27	17 41	2 49	23 11	2 14	22 15	2 30	16 57	1 15	11 15	2 11	12 17	0 28	8 26	0 51	3 56	16 28	22 57	22 54	0 12	17 8	6 17
M12	8 40	21 47	1 33	18 0	2 54	23 26	2 17	22 9	2 29	16 56	1 15	11 18	2 11	12 18	0 28	8 25	0 51	3 56	16 28	22 57	22 54	0 15	17 7	6 17
T 13	9 2	19 39	2 33	18 17	2 57	23 41	2 20	22 2	2 27	16 54	1 15	11 21	2 11	12 19	0 28	8 25	0 51	3 55	16 28	22 57	22 54	0 17	17 6	6 18
W14	9 23	16 41	3 24	18 30	2 59	23 55	2 23	21 56	2 25	16 53	1 15	11 23	2 11	12 21	0 28	8 24	0 51	3 55	16 28	22 57	22 55	0 20	17 6	6 19
T 15	9 45	13 3	4 6	18 40	3 0	24 9	2 26	21 49	2 24	16 51	1 15	11 26	2 11	12 22	0 28	8 24	0 51	3 54	16 28	22 58	22 55	0 22	17 5	6 19
F 16	10 6	8 56	4 37	18 47	3 0	24 22	2 29	21 43	2 22	16 49	1 15	11 28	2 11	12 23	0 28	8 23	0 51	3 54	16 28	22 58	22 55	0 25	17 4	6 20
S 17	10 27	4 31	4 55	18 51	2 58	24 35	2 31	21 36	2 21	16 48	1 15	11 31	2 11	12 24	0 28	8 22	0 51	3 53	16 28	22 59	22 56	0 28	17 4	6 21
S 18	10 48	0n 5	5 1	18 52	2 55	24 47	2 34	21 29	2 19	16 46	1 15	11 33	2 11	12 25	0 28	8 22	0 51	3 53	16 28	23 0	22 56	0 30	17 3	6 21
M19	11 9	4 40	4 53	18 49	2 51	24 58	2 37	21 23	2 18	16 44	1 15	11 36	2 11	12 26	0 28	8 21	0 51	3 52	16 28	23 1	22 56	0 33	17 2	6 22
T 20	11 30	9 7	4 33	18 44	2 45	25 9	2 39	21 16	2 16	16 43	1 15	11 38	2 11	12 28	0 28	8 20	0 51	3 52	16 28	23 2	22 56	0 36	17 2	6 23
W21	11 50	13 15	4 0	18 36	2 38	25 19	2 42	21 8	2 15	16 41	1 15	11 41	2 11	12 29	0 28	8 20	0 51	3 52	16 28	23 3	22 57	0 38	17 1	6 23
T 22	12 11	16 54	3 17	18 24	2 30	25 28	2 44	21 1	2 13	16 39	1 15	11 44	2 10	12 30	0 28	8 19	0 51	3 51	16 28	23 4	22 57	0 41	17 1	6 24
F 23	12 31	19 51	2 24	18 10	2 20	25 37	2 47	20 54	2 12	16 37	1 15	11 46	2 10	12 31	0 28	8 19	0 51	3 51	16 28	23 4	22 57	0 43	17 0	6 25
S 24	12 51	21 57	1 23	17 53	2 9	25 45	2 49	20 47	2 10	16 35	1 15	11 49	2 10	12 32	0 28	8 18	0 51	3 50	16 28	23 5	22 58	0 46	16 59	6 25
S 25	13 10	23 0	0 17	17 34	1 57	25 53	2 51	20 39	2 9	16 33	1 15	11 51	2 10	12 33	0 28	8 18	0 51	3 50	16 28	23 5	22 58	0 49	16 59	6 26
M26	13 30	22 52	0n51	17 12	1 43	26 0	2 53	20 31	2 8	16 31	1 15	11 54	2 10	12 35	0 28	8 17	0 51	3 49	16 28	23 5	22 58	0 51	16 58	6 26
T 27	13 49	21 29	1 58	16 49	1 29	26 6	2 55	20 24	2 6	16 30	1 15	11 56	2 10	12 36	0 28	8 17	0 51	3 49	16 28	23 5	22 58	0 54	16 58	6 27
W28	14 8	18 52	3 1	16 24	1 14	26 12	2 57	20 16	2 5	16 28	1 15	11 59	2 10	12 37	0 28	8 16	0 51	3 48	16 28	23 5	22 59	0 57	16 57	6 28
T 29	14 27	15 5	3 54	15 57	0 58	26 17	2 59	20 8	2 3	16 26	1 15	12 1	2 10	12 38	0 28	8 16	0 51	3 48	16 28	23 5	22 59	0 59	16 57	6 28
F 30	14n45	10n20	4n35	15n29	0n41	26n22	3n 1	20n 0	2n 2	16s24	1n15	12n 4	2s10	12n39	0s28	8s15	0s51	3s48	16s28	23n 5	22n59	1n 2	16s56	6n29

Julian Day Number = 2397579.5, Delta T = 10.00 sec
Ecliptic obliquity = 23°27'29, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°40'37, Lahiri = 21°47'38

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ASTRODIENST EPHEMERIS for the year 1852
geocentric

MAY 1852 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 36 18	10♉44'34	29♍14	9°R23	25♊44	9♌23	19°R19	7♉54	4♉44	10♓59	0♉32	9°R48	11♋ 8	14♈44	3°R29	S 1
S 2	14 40 14	11°42'42	14♎16	8♉45	26°46	9°49	19♏11	8° 2	4°47	11° 1	0°34	9♋41	11° 5	14°51	3♑28	S 2
M 3	14 44 11	12°40'48	29°27	8° 7	27°48	10°15	19° 4	8°10	4°51	11° 2	0°35	9°32	11° 2	14°58	3°26	M 3
T 4	14 48 7	13°38'52	14♏36	7°31	28°49	10°41	18°56	8°17	4°54	11° 3	0°36	9°24	10°58	15° 4	3°24	T 4
W 5	14 52 4	14°36'55	29°34	6°57	29°50	11° 8	18°49	8°25	4°58	11° 5	0°38	9°17	10°55	15°11	3°22	W 5
T 6	14 56 0	15°34'56	14♐11	6°26	0♋50	11°35	18°41	8°33	5° 1	11° 6	0°39	9°12	10°52	15°18	3°20	T 6
F 7	14 59 57	16°32'56	28°23	5°58	1°51	12° 2	18°33	8°40	5° 4	11° 7	0°40	9°10	10°49	15°24	3°18	F 7
S 8	15 3 54	17°30'54	12♑ 6	5°33	2°50	12°29	18°26	8°48	5° 8	11° 8	0°42	9°D10	10°46	15°31	3°16	S 8
S 9	15 7 50	18°28'51	25°22	5°12	3°50	12°56	18°18	8°56	5°11	11° 9	0°43	9°10	10°42	15°38	3°14	S 9
M10	15 11 47	19°26'47	8♒13	4°55	4°49	13°24	18°10	9° 3	5°15	11°10	0°44	9°12	10°39	15°45	3°11	M10
T 11	15 15 43	20°24'41	20°42	4°42	5°47	13°52	18° 3	9°11	5°18	11°12	0°46	9°R12	10°36	15°51	3° 9	T 11
W12	15 19 40	21°22'34	2♓55	4°34	6°46	14°20	17°55	9°19	5°21	11°13	0°47	9°11	10°33	15°58	3° 7	W12
T 13	15 23 36	22°20'26	14°57	4°D31	7°43	14°48	17°48	9°26	5°25	11°14	0°48	9° 9	10°30	16° 5	3° 4	T 13
F 14	15 27 33	23°18'16	26°51	4°32	8°41	15°16	17°40	9°34	5°28	11°15	0°50	9° 4	10°27	16°12	3° 2	F 14
S 15	15 31 29	24°16'05	8♈43	4°37	9°37	15°45	17°32	9°41	5°31	11°16	0°51	8°58	10°23	16°18	2°59	S 15
S 16	15 35 26	25°13'53	20°34	4°47	10°34	16°13	17°25	9°49	5°35	11°17	0°52	8°50	10°20	16°25	2°56	S 16
M17	15 39 23	26°11'40	2♉29	5° 2	11°30	16°42	17°17	9°56	5°38	11°17	0°53	8°42	10°17	16°32	2°53	M17
T 18	15 43 19	27° 9'26	14°29	5°21	12°25	17°11	17°10	10° 4	5°41	11°18	0°55	8°34	10°14	16°38	2°51	T 18
W19	15 47 16	28° 7'10	26°36	5°45	13°20	17°40	17° 2	10°11	5°44	11°19	0°56	8°28	10°11	16°45	2°48	W19
T 20	15 51 12	29° 4'53	8♊51	6°12	14°14	18°10	16°55	10°19	5°48	11°20	0°57	8°23	10° 8	16°52	2°45	T 20
F 21	15 55 9	0♊ 2'34	21°15	6°44	15° 8	18°39	16°48	10°26	5°51	11°21	0°58	8°19	10° 4	16°59	2°42	F 21
S 22	15 59 5	1° 0'15	3♋50	7°20	16° 1	19° 9	16°40	10°34	5°54	11°22	1° 0	8°D18	10° 1	17° 5	2°39	S 22
S 23	16 3 2	1°57'54	16°37	8° 0	16°53	19°39	16°33	10°41	5°57	11°22	1° 1	8°18	9°58	17°12	2°36	S 23
M24	16 6 58	2°55'31	29°38	8°44	17°45	20° 9	16°26	10°48	6° 1	11°23	1° 2	8°19	9°55	17°19	2°32	M24
T 25	16 10 55	3°53'07	12♌54	9°31	18°36	20°39	16°19	10°56	6° 4	11°24	1° 3	8°21	9°52	17°26	2°29	T 25
W26	16 14 52	4°50'42	26°28	10°22	19°26	21° 9	16°12	11° 3	6° 7	11°24	1° 5	8°22	9°48	17°32	2°26	W26
T 27	16 18 48	5°48'15	10♍20	11°16	20°16	21°40	16° 5	11°10	6°10	11°25	1° 6	8°R22	9°45	17°39	2°23	T 27
F 28	16 22 45	6°45'46	24°31	12°14	21° 5	22°10	15°59	11°17	6°13	11°25	1° 7	8°21	9°42	17°46	2°19	F 28
S 29	16 26 41	7°43'16	8♎58	13°15	21°53	22°41	15°52	11°24	6°16	11°26	1° 8	8°19	9°39	17°52	2°16	S 29
S 30	16 30 38	8°40'45	23°38	14°19	22°41	23°12	15°45	11°32	6°19	11°26	1° 9	8°15	9°36	17°59	2°12	S 30
M31	16 34 34	9♊38'13	8♏26	15♉26	23♋27	23♌43	15♏39	11♉39	6♉22	11♓27	1♉10	8♋11	9♋33	18♈ 6	2♑ 9	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 4	4n53	4n59	15n 1	0n24	26n26	3n 2	19n52	2n 1	16s22	1n15	12n 6	2s10	12n40	0s28	8s15	0s51	3s47	16s28	23n 6	22n59	1n 4	16s55	6n29
S 2	15 22	0s58	5 4	14 32	0 7	26 29	3 4	19 43	1 59	16 20	1 15	12 9	2 10	12 42	0 28	8 14	0 51	3 47	16 28	23 6	23 0	1 7	16 55	6 30
M 3	15 39	6 49	4 47	14 4	0s10	26 31	3 5	19 35	1 58	16 18	1 15	12 11	2 10	12 43	0 28	8 14	0 51	3 46	16 28	23 7	23 0	1 10	16 54	6 31
T 4	15 57	12 15	4 9	13 36	0 28	26 34	3 6	19 26	1 57	16 16	1 15	12 14	2 10	12 44	0 28	8 13	0 51	3 46	16 28	23 7	23 0	1 12	16 54	6 31
W 5	16 14	16 53	3 16	13 9	0 45	26 35	3 7	19 18	1 56	16 14	1 15	12 16	2 10	12 45	0 28	8 13	0 51	3 46	16 28	23 8	23 1	1 15	16 53	6 32
T 6	16 31	20 22	2 10	12 43	1 1	26 36	3 8	19 9	1 54	16 12	1 15	12 18	2 10	12 46	0 28	8 12	0 52	3 45	16 28	23 8	23 1	1 18	16 53	6 32
F 7	16 48	22 29	0 58	12 18	1 17	26 36	3 9	19 0	1 53	16 10	1 15	12 21	2 10	12 47	0 28	8 12	0 52	3 45	16 28	23 8	23 1	1 20	16 52	6 33
S 8	17 4	23 10	0s16	11 55	1 33	26 36	3 10	18 51	1 52	16 8	1 15	12 23	2 10	12 48	0 28	8 11	0 52	3 44	16 28	23 8	23 1	1 23	16 52	6 33
S 9	17 20	22 30	1 26	11 34	1 48	26 35	3 11	18 42	1 50	16 6	1 15	12 26	2 10	12 50	0 28	8 11	0 52	3 44	16 28	23 8	23 2	1 25	16 51	6 34
M10	17 36	20 38	2 30	11 16	2 2	26 33	3 11	18 33	1 49	16 4	1 15	12 28	2 10	12 51	0 28	8 11	0 52	3 44	16 28	23 8	23 2	1 28	16 51	6 35
T 11	17 52	17 50	3 25	10 59	2 15	26 31	3 11	18 24	1 48	16 2	1 15	12 31	2 10	12 52	0 28	8 10	0 52	3 43	16 29	23 8	23 2	1 31	16 50	6 35
W12	18 7	14 18	4 9	10 45	2 27	26 28	3 12	18 15	1 47	15 59	1 15	12 33	2 10	12 53	0 28	8 10	0 52	3 43	16 29	23 8	23 2	1 33	16 50	6 36
T 13	18 22	10 15	4 41	10 33	2 38	26 25	3 12	18 5	1 46	15 57	1 14	12 35	2 10	12 54	0 28	8 9	0 52	3 43	16 29	23 9	23 3	1 36	16 49	6 36
F 14	18 37	5 51	5 1	10 24	2 48	26 22	3 11	17 56	1 44	15 55	1 14	12 38	2 10	12 55	0 28	8 9	0 52	3 42	16 29	23 9	23 3	1 39	16 49	6 37
S 15	18 51	1 16	5 8	10 17	2 57	26 17	3 11	17 46	1 43	15 53	1 14	12 40	2 10	12 56	0 28	8 9	0 52	3 42	16 29	23 9	23 3	1 41	16 48	6 37
S 16	19 5	3n23	5 2	10 13	3 5	26 12	3 11	17 36	1 42	15 51	1 14	12 42	2 10	12 57	0 28	8 8	0 52	3 42	16 29	23 10	23 3	1 44	16 48	6 38
M17	19 19	7 56	4 42	10 11	3 12	26 7	3 10	17 27	1 41	15 49	1 14	12 45	2 10	12 58	0 28	8 8	0 52	3 41	16 29	23 10	23 4	1 47	16 48	6 38
T 18	19 32	12 13	4 10	10 12	3 19	26 1	3 9	17 17	1 40	15 47	1 14	12 47	2 10	13 0	0 28	8 8	0 52	3 41	16 29	23 11	23 4	1 49	16 47	6 39
W19	19 45	16 4	3 27	10 15	3 24	25 55	3 8	17 7	1 38	15 45	1 14	12 49	2 10	13 1	0 28	8 8	0 52	3 41	16 29	23 11	23 4	1 52	16 47	6 39
T 20	19 58	19 16	2 33	10 20	3 28	25 48	3 7	16 56	1 37	15 44	1 14	12 52	2 10	13 2	0 28	8 7	0 52	3 41	16 30	23 12	23 4	1 55	16 46	6 40
F 21	20 11	21 39	1 31	10 27	3 31	25 41	3 6	16 46	1 36	15 42	1 13	12 54	2 10	13 3	0 28	8 7	0 52	3 40	16 30	23 12	23 5	1 57	16 46	6 40
S 22	20 23	23 0	0 24	10 36	3 33	25 33	3 5	16 36	1 35	15 40	1 13	12 56	2 11	13 4	0 28	8 7	0 52	3 40	16 30	23 12	23 5	2 0	16 46	6 40
S 23	20 34	23 10	0n45	10 48	3 35	25 25	3 3	16 25	1 34	15 38	1 13	12 58	2 11	13 5	0 28	8 7	0 52	3 40	16 30	23 12	23 5	2 3	16 45	6 41
M24	20 46	22 6	1 54	11 1	3 36	25 16	3 1	16 15	1 33	15 36	1 13	13 0	2 11	13 6	0 28	8 6	0 52	3 40	16 30	23 12	23 5	2 5	16 45	6 41
T 25	20 57	19 47	2 57	11 16	3 35	25 7	2 59	16 4	1 32	15 34	1 13	13 3	2 11	13 7	0 28	8 6	0 52	3 39	16 30	23 12	23 5	2 8	16 44	6 42
W26	21 7	16 21	3 53	11 33	3 34	24 58	2 57	15 53	1 31	15 32	1 13	13 5	2 11	13 8	0 28	8 6	0 52	3 39	16 31	23 12	23 6	2 10	16 44	6 42
T 27	21 17	11 57	4 36	11 51	3 33	24 48	2 54	15 42	1 29	15 30	1 13	13 7	2 11	13 9	0 28	8 6	0 52	3 39	16 31	23 12	23 6	2 13	16 44	6 43
F 28	21 27	6 49	5 3	12 11	3 30	24 38	2 52	15 31	1 28	15 29	1 12	13 9	2 11	13 10	0 28	8 6	0 52	3 39	16 31	23 12	23 6	2 16	16 43	6 43
S 29	21 37	1 14	5 12	12 32	3 27	24 27	2 49	15 20	1 27	15 27	1 12	13 11	2 11	13 11	0 28	8 5	0 52	3 38	16 31	23 12	23 6	2 18	16 43	6 43
S 30	21 46	4s31	5 1	12 55	3 23	24 16	2 46	15 9	1 26	15 25	1 12	13 13	2 11	13 12	0 28	8 5	0 52	3 38	16 31	23 12	23 7	2 21	16 43	6 44
M31	21n55	10s 4	4n30	13n19	3s18	24n 5	2n42	14n58	1n25	15s23	1n12	13n16	2s11	13n13	0s28	8s 5	0s52	3s38	16s31	23n12	23n 7	2n24	16s42	6n44

Julian Day Number = 2397609.5, Delta T = 10.02 sec
Ecliptic obliquity = 23°27'29, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°40'42, Lahiri = 21°47'42

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1852
geocentric

JUNE 1852 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 31	10♊35'39	23♏14	16♉37	24♋13	24♌14	15°R32	11♉46	6♉25	11♓27	1♉11	8°R 7	9♋29	18♈13	2°R 5	T 1
W 2	16 42 27	11°33'04	7♐55	17°50	24°58	24°45	15♏26	11°53	6°28	11°28	1°13	8♋ 4	9°26	18°19	2♑ 2	W 2
T 3	16 46 24	12°30'29	22°20	19° 7	25°41	25°17	15°20	12° 0	6°31	11°28	1°14	8° 2	9°23	18°26	1°58	T 3
F 4	16 50 21	13°27'53	6♑26	20°26	26°24	25°48	15°14	12° 7	6°34	11°28	1°15	8°D 2	9°20	18°33	1°54	F 4
S 5	16 54 17	14°25'16	20° 8	21°49	27° 6	26°20	15° 8	12°14	6°37	11°29	1°16	8° 2	9°17	18°39	1°51	S 5
S 6	16 58 14	15°22'38	3♒25	23°14	27°47	26°52	15° 2	12°21	6°40	11°29	1°17	8° 3	9°14	18°46	1°47	S 6
M 7	17 2 10	16°19'59	16°20	24°42	28°27	27°23	14°57	12°28	6°43	11°29	1°18	8° 5	9°10	18°53	1°43	M 7
T 8	17 6 7	17°17'20	28°53	26°13	29° 5	27°55	14°51	12°34	6°45	11°29	1°19	8° 6	9° 7	19° 0	1°39	T 8
W 9	17 10 3	18°14'40	11♓10	27°46	29°43	28°28	14°46	12°41	6°48	11°30	1°20	8° 7	9° 4	19° 6	1°36	W 9
T 10	17 14 0	19°12'00	23°14	29°23	0♌19	29° 0	14°41	12°48	6°51	11°30	1°21	8°R 7	9° 1	19°13	1°32	T 10
F 11	17 17 56	20° 9'20	5♈10	1♊ 2	0°54	29°32	14°35	12°55	6°54	11°30	1°22	8° 6	8°58	19°20	1°28	F 11
S 12	17 21 53	21° 6'39	17° 2	2°44	1°28	0♍ 5	14°31	13° 1	6°56	11°30	1°23	8° 5	8°54	19°27	1°24	S 12
S 13	17 25 50	22° 3'57	28°56	4°29	2° 0	0°37	14°26	13° 8	6°59	11°30	1°24	8° 3	8°51	19°33	1°20	S 13
M14	17 29 46	23° 1'15	10♉54	6°16	2°31	1°10	14°21	13°14	7° 2	11°R30	1°25	8° 1	8°48	19°40	1°16	M14
T 15	17 33 43	23°58'33	22°59	8° 6	3° 1	1°43	14°17	13°21	7° 4	11°30	1°26	7°58	8°45	19°47	1°12	T 15
W16	17 37 39	24°55'51	5♊15	9°59	3°29	2°16	14°12	13°27	7° 7	11°30	1°27	7°57	8°42	19°53	1° 8	W16
T 17	17 41 36	25°53'08	17°42	11°54	3°56	2°49	14° 8	13°34	7°10	11°30	1°27	7°55	8°39	20° 0	1° 4	T 17
F 18	17 45 32	26°50'24	0♋23	13°51	4°20	3°22	14° 4	13°40	7°12	11°30	1°28	7°55	8°35	20° 7	1° 0	F 18
S 19	17 49 29	27°47'40	13°18	15°51	4°44	3°55	14° 0	13°46	7°15	11°29	1°29	7°D55	8°32	20°14	0°56	S 19
S 20	17 53 25	28°44'56	26°26	17°53	5° 5	4°28	13°56	13°53	7°17	11°29	1°30	7°55	8°29	20°20	0°52	S 20
M21	17 57 22	29°42'11	9♌48	19°57	5°25	5° 2	13°53	13°59	7°19	11°29	1°31	7°56	8°26	20°27	0°49	M21
T 22	18 1 19	0♋39'26	23°23	22° 2	5°43	5°35	13°49	14° 5	7°22	11°29	1°32	7°56	8°23	20°34	0°45	T 22
W23	18 5 15	1°36'39	7♍10	24° 9	5°59	6° 9	13°46	14°11	7°24	11°29	1°32	7°57	8°20	20°40	0°41	W23
T 24	18 9 12	2°33'53	21° 9	26°18	6°13	6°43	13°43	14°17	7°26	11°28	1°33	7°57	8°16	20°47	0°37	T 24
F 25	18 13 8	3°31'05	5♎18	28°27	6°25	7°17	13°40	14°23	7°29	11°28	1°34	7°R57	8°13	20°54	0°33	F 25
S 26	18 17 5	4°28'17	19°34	0♋38	6°34	7°50	13°38	14°29	7°31	11°27	1°35	7°57	8°10	21° 1	0°29	S 26
S 27	18 21 1	5°25'29	3♏55	2°48	6°42	8°24	13°35	14°35	7°33	11°27	1°35	7°57	8° 7	21° 7	0°25	S 27
M28	18 24 58	6°22'40	18°19	4°59	6°47	8°59	13°33	14°40	7°35	11°27	1°36	7°57	8° 4	21°14	0°21	M28
T 29	18 28 54	7°19'51	2♐39	7°10	6°51	9°33	13°31	14°46	7°37	11°26	1°37	7°57	8° 0	21°21	0°17	T 29
W30	18 32 51	8♋17'02	16♐53	9♋21	6°R51	10♍ 7	13♏29	14♉52	7♉39	11♓26	1♉37	7°D57	7♋57	21♈27	0♑13	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 3	15s 2	3n41	13n44	3s13	23n54	2n39	14n47	1n24	15s22	1n12	13n18	2s11	13n14	0s28	8s 5	0s52	3s38	16s32	23n13	23n 7	2n26	16s42	6n44
W 2	22 11	19 3	2 38	14 10	3 7	23 42	2 35	14 35	1 23	15 20	1 11	13 20	2 11	13 15	0 28	8 5	0 53	3 38	16 32	23 13	23 7	2 29	16 42	6 45
T 3	22 19	21 49	1 25	14 37	3 1	23 30	2 31	14 24	1 22	15 19	1 11	13 22	2 11	13 16	0 28	8 5	0 53	3 38	16 32	23 13	23 8	2 32	16 42	6 45
F 4	22 26	23 9	0 9	15 5	2 54	23 17	2 27	14 12	1 21	15 17	1 11	13 24	2 11	13 17	0 28	8 5	0 53	3 37	16 32	23 13	23 8	2 34	16 41	6 45
S 5	22 33	23 2	1s 6	15 33	2 46	23 5	2 22	14 0	1 20	15 15	1 11	13 26	2 11	13 18	0 28	8 5	0 53	3 37	16 33	23 13	23 8	2 37	16 41	6 46
S 6	22 39	21 36	2 15	16 3	2 38	22 52	2 17	13 48	1 19	15 14	1 11	13 28	2 12	13 19	0 28	8 5	0 53	3 37	16 33	23 13	23 8	2 40	16 41	6 46
M 7	22 45	19 4	3 15	16 32	2 30	22 39	2 12	13 36	1 18	15 13	1 10	13 30	2 12	13 20	0 28	8 4	0 53	3 37	16 33	23 13	23 8	2 42	16 41	6 46
T 8	22 51	15 41	4 4	17 2	2 21	22 25	2 7	13 24	1 17	15 11	1 10	13 32	2 12	13 21	0 28	8 4	0 53	3 37	16 33	23 13	23 9	2 45	16 40	6 46
W 9	22 56	11 43	4 41	17 33	2 11	22 12	2 1	13 12	1 16	15 10	1 10	13 34	2 12	13 22	0 28	8 4	0 53	3 37	16 33	23 13	23 9	2 48	16 40	6 47
T 10	23 1	7 21	5 5	18 3	2 1	21 58	1 55	13 0	1 15	15 8	1 10	13 36	2 12	13 22	0 28	8 4	0 53	3 37	16 34	23 13	23 9	2 50	16 40	6 47
F 11	23 6	2 46	5 15	18 34	1 51	21 45	1 49	12 48	1 14	15 7	1 10	13 38	2 12	13 23	0 28	8 4	0 53	3 37	16 34	23 13	23 9	2 53	16 40	6 47
S 12	23 10	1n54	5 11	19 4	1 41	21 31	1 43	12 36	1 13	15 6	1 9	13 40	2 12	13 24	0 28	8 4	0 53	3 36	16 34	23 13	23 10	2 56	16 40	6 47
S 13	23 13	6 30	4 55	19 35	1 30	21 17	1 36	12 23	1 12	15 5	1 9	13 41	2 12	13 25	0 28	8 4	0 53	3 36	16 34	23 13	23 10	2 58	16 39	6 48
M14	23 16	10 54	4 25	20 4	1 19	21 3	1 29	12 11	1 11	15 4	1 9	13 43	2 12	13 26	0 28	8 4	0 53	3 36	16 35	23 13	23 10	3 1	16 39	6 48
T 15	23 19	14 56	3 43	20 34	1 8	20 49	1 21	11 58	1 10	15 2	1 9	13 45	2 13	13 27	0 28	8 4	0 53	3 36	16 35	23 13	23 10	3 4	16 39	6 48
W16	23 22	18 23	2 51	21 2	0 57	20 35	1 14	11 45	1 9	15 1	1 8	13 47	2 13	13 28	0 28	8 5	0 53	3 36	16 35	23 13	23 10	3 6	16 39	6 48
T 17	23 24	21 4	1 49	21 29	0 45	20 21	1 6	11 32	1 8	15 0	1 8	13 49	2 13	13 28	0 28	8 5	0 53	3 36	16 35	23 13	23 11	3 9	16 39	6 48
F 18	23 25	22 46	0 42	21 55	0 34	20 7	0 57	11 20	1 7	14 59	1 8	13 50	2 13	13 29	0 28	8 5	0 53	3 36	16 36	23 13	23 11	3 12	16 39	6 48
S 19	23 26	23 17	0n30	22 20	0 22	19 53	0 49	11 7	1 6	14 58	1 8	13 52	2 13	13 30	0 28	8 5	0 53	3 36	16 36	23 13	23 11	3 14	16 39	6 49
S 20	23 27	22 32	1 41	22 43	0 11	19 39	0 40	10 54	1 5	14 58	1 8	13 54	2 13	13 31	0 28	8 5	0 53	3 36	16 36	23 13	23 11	3 17	16 39	6 49
M21	23 27	20 30	2 48	23 5	0n 0	19 25	0 30	10 40	1 4	14 57	1 7	13 56	2 13	13 32	0 28	8 5	0 53	3 36	16 36	23 13	23 11	3 20	16 38	6 49
T 22	23 27	17 17	3 46	23 24	0 11	19 11	0 20	10 27	1 3	14 56	1 7	13 57	2 13	13 32	0 28	8 5	0 53	3 36	16 37	23 13	23 12	3 22	16 38	6 49
W23	23 27	13 6	4 32	23 41	0 22	18 58	0 10	10 14	1 3	14 55	1 7	13 59	2 14	13 33	0 28	8 5	0 53	3 36	16 37	23 13	23 12	3 25	16 38	6 49
T 24	23 26	8 9	5 3	23 56	0 32	18 44	0s 0	10 1	1 2	14 55	1 7	14 1	2 14	13 34	0 28	8 5	0 53	3 36	16 37	23 13	23 12	3 28	16 38	6 49
F 25	23 25	2 44	5 16	24 9	0 42	18 31	0 11	9 47	1 1	14 54	1 6	14 2	2 14	13 35	0 28	8 6	0 53	3 36	16 38	23 13	23 12	3 30	16 38	6 49
S 26	23 23	2s52	5 10	24 19	0 51	18 18	0 22	9 34	1 0	14 53	1 6	14 4	2 14	13 35	0 28	8 6	0 53	3 36	16 38	23 13	23 12	3 33	16 38	6 49
S 27	23 21	8 22	4 45	24 26	1 0	18 5	0 33	9 20	0 59	14 53	1 6	14 5	2 14	13 36	0 28	8 6	0 54	3 36	16 38	23 13	23 13	3 36	16 38	6 49
M28	23 18	13 25	4 2	24 30	1 8	17 52	0 45	9 6	0 58	14 53	1 6	14 7	2 14	13 37	0 28	8 6	0 54	3 36	16 38	23 13	23 13	3 38	16 38	6 49
T 29	23 15	17 42	3 3	24 31	1 16	17 39	0 57	8 53	0 57	14 52	1 5	14 8	2 14	13 37	0 28	8 6	0 54	3 36	16 39	23 13	23 13	3 41	16 38	6 49
W30	23n12	20s55	1n54	24n30	1n22	17n27	1s 9	8n39	0n56	14s52	1n 5	14n10	2s15	13n38	0s28	8s 7	0s54	3s36	16s39	23n13	23n13	3n44	16s38	6n49

Julian Day Number = 2397640.5, Delta T = 10.04 sec
Ecliptic obliquity = 23°27'29, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°40'46, Lahiri = 21°47'46

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ASTRODIENST EPHEMERIS for the year 1852
geocentric

JULY 1852 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 36 48	9♋14'12	0♉56	11♋31	6°R50	10♍42	13°R27	14♉57	7♉42	11°R25	1♉38	7♋57	7♋54	21♈34	0°R 9	T 1
F 2	18 40 44	10°11'23	14°43	13°40	6♌46	11°16	13♏25	15° 3	7°44	11♓25	1°39	7°R57	7°51	21°41	0♉ 5	F 2
S 3	18 44 41	11° 8'33	28°13	15°48	6°40	11°51	13°24	15° 8	7°46	11°24	1°39	7°57	7°48	21°48	0° 1	S 3
S 4	18 48 37	12° 5'43	11♒24	17°54	6°31	12°25	13°23	15°14	7°47	11°23	1°40	7°56	7°45	21°54	29♐58	S 4
M 5	18 52 34	13° 2'54	24°16	20° 0	6°20	13° 0	13°22	15°19	7°49	11°23	1°40	7°56	7°41	22° 1	29°54	M 5
T 6	18 56 30	14° 0'05	6♓49	22° 4	6° 7	13°35	13°21	15°24	7°51	11°22	1°41	7°55	7°38	22° 8	29°50	T 6
W 7	19 0 27	14°57'16	19° 7	24° 6	5°51	14°10	13°20	15°29	7°53	11°21	1°42	7°54	7°35	22°15	29°46	W 7
T 8	19 4 23	15°54'27	1♈13	26° 7	5°33	14°45	13°19	15°34	7°55	11°21	1°42	7°54	7°32	22°21	29°42	T 8
F 9	19 8 20	16°51'39	13°10	28° 6	5°13	15°20	13°19	15°39	7°56	11°20	1°43	7°D54	7°29	22°28	29°39	F 9
S 10	19 12 17	17°48'52	25° 3	0♌ 3	4°50	15°55	13°D19	15°44	7°58	11°19	1°43	7°54	7°26	22°35	29°35	S 10
S 11	19 16 13	18°46'05	6♉57	1°58	4°25	16°30	13°19	15°49	8° 0	11°18	1°43	7°54	7°22	22°41	29°32	S 11
M12	19 20 10	19°43'18	18°57	3°52	3°59	17° 6	13°19	15°54	8° 1	11°17	1°44	7°55	7°19	22°48	29°28	M12
T 13	19 24 6	20°40'32	1♊ 6	5°44	3°30	17°41	13°19	15°59	8° 3	11°17	1°44	7°56	7°16	22°55	29°24	T 13
W14	19 28 3	21°37'47	13°28	7°33	3° 0	18°17	13°20	16° 3	8° 4	11°16	1°45	7°57	7°13	23° 2	29°21	W14
T 15	19 31 59	22°35'02	26° 6	9°21	2°28	18°52	13°21	16° 8	8° 6	11°15	1°45	7°58	7°10	23° 8	29°17	T 15
F 16	19 35 56	23°32'18	9♋ 2	11° 7	1°55	19°28	13°22	16°12	8° 7	11°14	1°45	7°R58	7° 6	23°15	29°14	F 16
S 17	19 39 53	24°29'34	22°17	12°52	1°20	20° 4	13°23	16°17	8° 9	11°13	1°46	7°58	7° 3	23°22	29°11	S 17
S 18	19 43 49	25°26'51	5♌49	14°34	0°45	20°40	13°24	16°21	8°10	11°12	1°46	7°57	7° 0	23°28	29° 7	S 18
M19	19 47 46	26°24'08	19°38	16°15	0° 9	21°16	13°25	16°25	8°11	11°11	1°46	7°55	6°57	23°35	29° 4	M19
T 20	19 51 42	27°21'26	3♍39	17°53	29♋32	21°52	13°27	16°29	8°12	11°10	1°47	7°52	6°54	23°42	29° 1	T 20
W21	19 55 39	28°18'44	17°49	19°30	28°54	22°28	13°29	16°33	8°14	11° 9	1°47	7°49	6°51	23°49	28°58	W21
T 22	19 59 35	29°16'02	2♎ 5	21° 5	28°17	23° 4	13°31	16°37	8°15	11° 7	1°47	7°47	6°47	23°55	28°54	T 22
F 23	20 3 32	0♌13'21	16°21	22°38	27°40	23°41	13°33	16°41	8°16	11° 6	1°47	7°46	6°44	24° 2	28°51	F 23
S 24	20 7 28	1°10'40	0♏36	24° 9	27° 3	24°17	13°35	16°45	8°17	11° 5	1°47	7°D45	6°41	24° 9	28°48	S 24
S 25	20 11 25	2° 7'59	14°47	25°39	26°26	24°53	13°38	16°49	8°18	11° 4	1°48	7°46	6°38	24°15	28°45	S 25
M26	20 15 22	3° 5'19	28°52	27° 6	25°51	25°30	13°40	16°52	8°19	11° 3	1°48	7°47	6°35	24°22	28°43	M26
T 27	20 19 18	4° 2'39	12♐48	28°32	25°16	26° 6	13°43	16°56	8°20	11° 2	1°48	7°48	6°32	24°29	28°40	T 27
W28	20 23 15	5° 0'00	26°35	29°55	24°43	26°43	13°46	16°59	8°20	11° 0	1°48	7°49	6°28	24°36	28°37	W28
T 29	20 27 11	5°57'22	10♑11	1♍17	24°11	27°20	13°50	17° 2	8°21	10°59	1°48	7°R50	6°25	24°42	28°34	T 29
F 30	20 31 8	6°54'44	23°35	2°37	23°41	27°57	13°53	17° 6	8°22	10°58	1°48	7°49	6°22	24°49	28°32	F 30
S 31	20 35 4	7♌52'07	6♒46	3♍54	23♋12	28♍34	13♏56	17♉ 9	8♉23	10♓57	1♉48	7♋47	6♋19	24♈56	28♐29	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 8	22s48	0n39	24n26	1n29	17n15	1s22	8n25	0n55	14s52	1n 5	14n11	2s15	13n39	0s28	8s 7	0s54	3s36	16s39	23n13	23n13	3n46	16s38	6n49
F 2	23 4	23 16	0s37	24 19	1 34	17 4	1 35	8 11	0 54	14 51	1 5	14 13	2 15	13 39	0 28	8 7	0 54	3 36	16 40	23 13	23 14	3 49	16 38	6 49
S 3	22 59	22 20	1 50	24 9	1 39	16 52	1 48	7 57	0 54	14 51	1 4	14 14	2 15	13 40	0 28	8 7	0 54	3 37	16 40	23 13	23 14	3 52	16 38	6 49
S 4	22 54	20 10	2 55	23 57	1 43	16 42	2 2	7 43	0 53	14 51	1 4	14 16	2 15	13 41	0 28	8 8	0 54	3 37	16 40	23 13	23 14	3 55	16 38	6 49
M 5	22 49	17 3	3 49	23 43	1 46	16 31	2 15	7 29	0 52	14 51	1 4	14 17	2 15	13 41	0 28	8 8	0 54	3 37	16 41	23 13	23 14	3 57	16 38	6 49
T 6	22 43	13 13	4 31	23 26	1 48	16 21	2 29	7 15	0 51	14 51	1 3	14 18	2 15	13 42	0 28	8 8	0 54	3 37	16 41	23 13	23 14	4 0	16 38	6 49
W 7	22 37	8 54	5 0	23 7	1 50	16 11	2 43	7 0	0 50	14 51	1 3	14 20	2 16	13 42	0 28	8 9	0 54	3 37	16 41	23 13	23 14	4 3	16 38	6 49
T 8	22 31	4 19	5 14	22 45	1 51	16 2	2 57	6 46	0 49	14 51	1 3	14 21	2 16	13 43	0 28	8 9	0 54	3 37	16 42	23 13	23 15	4 5	16 38	6 49
F 9	22 24	0n22	5 15	22 22	1 51	15 53	3 11	6 32	0 48	14 51	1 3	14 22	2 16	13 43	0 28	8 9	0 54	3 37	16 42	23 13	23 15	4 8	16 39	6 49
S 10	22 16	5 0	5 2	21 57	1 51	15 45	3 26	6 17	0 47	14 51	1 2	14 23	2 16	13 44	0 28	8 9	0 54	3 37	16 42	23 13	23 15	4 11	16 39	6 49
S 11	22 9	9 29	4 37	21 31	1 50	15 37	3 40	6 3	0 47	14 52	1 2	14 25	2 16	13 44	0 28	8 10	0 54	3 38	16 42	23 13	23 15	4 13	16 39	6 49
M12	22 0	13 38	3 59	21 3	1 48	15 29	3 54	5 48	0 46	14 52	1 2	14 26	2 17	13 45	0 28	8 10	0 54	3 38	16 43	23 13	23 15	4 16	16 39	6 49
T 13	21 52	17 18	3 10	20 34	1 45	15 22	4 8	5 34	0 45	14 52	1 2	14 27	2 17	13 45	0 28	8 11	0 54	3 38	16 43	23 13	23 16	4 19	16 39	6 48
W14	21 43	20 16	2 11	20 3	1 43	15 15	4 22	5 19	0 44	14 53	1 1	14 28	2 17	13 46	0 28	8 11	0 54	3 38	16 43	23 13	23 16	4 21	16 39	6 48
T 15	21 34	22 19	1 5	19 31	1 39	15 9	4 35	5 4	0 43	14 53	1 1	14 29	2 17	13 46	0 28	8 11	0 54	3 38	16 44	23 13	23 16	4 24	16 39	6 48
F 16	21 24	23 15	0n 6	18 58	1 35	15 4	4 48	4 49	0 42	14 54	1 1	14 30	2 17	13 47	0 28	8 12	0 54	3 38	16 44	23 13	23 16	4 27	16 39	6 48
S 17	21 14	22 54	1 18	18 25	1 31	14 59	5 1	4 35	0 42	14 54	1 1	14 31	2 17	13 47	0 28	8 12	0 54	3 39	16 44	23 13	23 16	4 29	16 40	6 48
S 18	21 4	21 13	2 28	17 50	1 26	14 54	5 14	4 20	0 41	14 55	1 0	14 32	2 18	13 48	0 28	8 13	0 54	3 39	16 45	23 13	23 16	4 32	16 40	6 48
M19	20 53	18 16	3 30	17 15	1 20	14 50	5 25	4 5	0 40	14 56	1 0	14 33	2 18	13 48	0 28	8 13	0 54	3 39	16 45	23 13	23 17	4 35	16 40	6 47
T 20	20 42	14 13	4 20	16 40	1 14	14 46	5 37	3 50	0 39	14 56	1 0	14 34	2 18	13 48	0 28	8 13	0 54	3 39	16 45	23 13	23 17	4 37	16 40	6 47
W21	20 31	9 21	4 56	16 3	1 8	14 43	5 48	3 35	0 38	14 57	1 0	14 35	2 18	13 49	0 28	8 14	0 54	3 40	16 46	23 14	23 17	4 40	16 40	6 47
T 22	20 19	3 57	5 13	15 27	1 1	14 40	5 58	3 20	0 38	14 58	0 59	14 36	2 18	13 49	0 28	8 14	0 54	3 40	16 46	23 14	23 17	4 43	16 41	6 47
F 23	20 7	1s39	5 11	14 50	0 54	14 38	6 8	3 5	0 37	14 59	0 59	14 37	2 19	13 49	0 28	8 15	0 54	3 40	16 46	23 14	23 17	4 46	16 41	6 46
S 24	19 55	7 10	4 50	14 12	0 46	14 36	6 16	2 49	0 36	15 0	0 59	14 38	2 19	13 50	0 28	8 15	0 54	3 40	16 47	23 14	23 17	4 48	16 41	6 46
S 25	19 42	12 17	4 11	13 35	0 38	14 35	6 25	2 34	0 35	15 1	0 59	14 39	2 19	13 50	0 28	8 16	0 54	3 41	16 47	23 14	23 18	4 51	16 41	6 46
M26	19 29	16 42	3 18	12 57	0 30	14 34	6 32	2 19	0 34	15 2	0 58	14 40	2 19	13 50	0 28	8 16	0 55	3 41	16 47	23 14	23 18	4 54	16 42	6 46
T 27	19 16	20 9	2 13	12 20	0 22	14 34	6 39	2 4	0 34	15 3	0 58	14 41	2 19	13 51	0 28	8 17	0 55	3 41	16 48	23 14	23 18	4 56	16 42	6 45
W28	19 2	22 24	1 1	11 42	0 13	14 34	6 45	1 48	0 33	15 4	0 58	14 41	2 20	13 51	0 28	8 17	0 55	3 41	16 48	23 14	23 18	4 59	16 42	6 45
T 29	18 48	23 17	0s13	11 5	0 4	14 34	6 50	1 33	0 32	15 5	0 58	14 42	2 20	13 51	0 28	8 18	0 55	3 42	16 48	23 14	23 18	5 2	16 42	6 45
F 30	18 34	22 48	1 25	10 28	0s 6	14 35	6 54	1 18	0 31	15 6	0 57	14 43	2 20	13 51	0 28	8 18	0 55	3 42	16 49	23 14	23 18	5 4	16 43	6 44
S 31	18n19	21s 3	2s32	9n51	0s16	14n36	6s58	1n 2	0n30	15s 8	0n57	14n43	2s20	13n52	0s28	8s19	0s55	3s42	16s49	23n14	23n18	5n 7	16s43	6n44

Julian Day Number = 2397670.5, Delta T = 10.06 sec
Ecliptic obliquity = 23°27'29, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°40'50, Lahiri = 21°47'50

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ASTRODIENST EPHEMERIS for the year 1852
geocentric

AUGUST 1852 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 39 1	8♌49'31	19♒42	5♍10	22°R46	29♍11	14♏ 0	17♉12	8♉23	10°R55	1°R48	7°R43	6♋16	25♈ 2	28°R26	S 1
M 2	20 42 57	9°46'56	2♓24	6°23	22♋21	29°48	14° 4	17°15	8°24	10♓54	1♉48	7♋38	6°12	25° 9	28♐24	M 2
T 3	20 46 54	10°44'22	14°52	7°34	21°59	0♎25	14° 8	17°18	8°24	10°53	1°48	7°32	6° 9	25°16	28°22	T 3
W 4	20 50 51	11°41'49	27° 6	8°43	21°39	1° 2	14°12	17°21	8°25	10°51	1°48	7°27	6° 6	25°23	28°19	W 4
T 5	20 54 47	12°39'17	9♈10	9°50	21°21	1°39	14°17	17°23	8°25	10°50	1°48	7°22	6° 3	25°29	28°17	T 5
F 6	20 58 44	13°36'47	21° 7	10°54	21° 5	2°17	14°21	17°26	8°26	10°48	1°48	7°18	6° 0	25°36	28°15	F 6
S 7	21 2 40	14°34'18	2♉59	11°55	20°52	2°54	14°26	17°28	8°26	10°47	1°48	7°16	5°57	25°43	28°13	S 7
S 8	21 6 37	15°31'50	14°52	12°54	20°42	3°31	14°31	17°31	8°26	10°45	1°48	7°D15	5°53	25°49	28°11	S 8
M 9	21 10 33	16°29'24	26°51	13°50	20°33	4° 9	14°36	17°33	8°27	10°44	1°47	7°15	5°50	25°56	28° 9	M 9
T 10	21 14 30	17°26'59	9♊ 0	14°42	20°27	4°47	14°41	17°35	8°27	10°43	1°47	7°17	5°47	26° 3	28° 7	T 10
W11	21 18 26	18°24'35	21°23	15°32	20°24	5°24	14°46	17°37	8°27	10°41	1°47	7°18	5°44	26°10	28° 5	W11
T 12	21 22 23	19°22'13	4♋ 7	16°19	20°D23	6° 2	14°52	17°39	8°27	10°40	1°47	7°R19	5°41	26°16	28° 3	T 12
F 13	21 26 20	20°19'53	17°12	17° 2	20°24	6°40	14°57	17°41	8°27	10°38	1°47	7°19	5°38	26°23	28° 2	F 13
S 14	21 30 16	21°17'34	0♌42	17°41	20°27	7°18	15° 3	17°43	8°R27	10°37	1°46	7°16	5°34	26°30	28° 0	S 14
S 15	21 34 13	22°15'16	14°34	18°17	20°33	7°56	15° 9	17°45	8°27	10°35	1°46	7°12	5°31	26°36	27°59	S 15
M16	21 38 9	23°13'00	28°48	18°48	20°41	8°34	15°15	17°46	8°27	10°33	1°46	7° 6	5°28	26°43	27°57	M16
T 17	21 42 6	24°10'45	13♍16	19°15	20°51	9°12	15°21	17°48	8°27	10°32	1°45	6°59	5°25	26°50	27°56	T 17
W18	21 46 2	25° 8'31	27°54	19°38	21° 3	9°51	15°27	17°49	8°27	10°30	1°45	6°52	5°22	26°57	27°55	W18
T 19	21 49 59	26° 6'18	12♎33	19°56	21°17	10°29	15°34	17°50	8°27	10°29	1°45	6°45	5°18	27° 3	27°53	T 19
F 20	21 53 55	27° 4'07	27° 8	20° 9	21°33	11° 7	15°41	17°51	8°26	10°27	1°44	6°40	5°15	27°10	27°52	F 20
S 21	21 57 52	28° 1'56	11♏32	20°16	21°51	11°46	15°47	17°52	8°26	10°26	1°44	6°37	5°12	27°17	27°51	S 21
S 22	22 1 48	28°59'47	25°43	20°R18	22°11	12°24	15°54	17°53	8°25	10°24	1°44	6°D36	5° 9	27°23	27°50	S 22
M23	22 5 45	29°57'40	9♐39	20°15	22°33	13° 3	16° 1	17°54	8°25	10°22	1°43	6°36	5° 6	27°30	27°50	M23
T 24	22 9 42	0♍55'33	23°20	20° 5	22°56	13°41	16° 8	17°55	8°25	10°21	1°43	6°37	5° 3	27°37	27°49	T 24
W25	22 13 38	1°53'28	6♑46	19°50	23°21	14°20	16°16	17°55	8°24	10°19	1°42	6°R37	4°59	27°44	27°48	W25
T 26	22 17 35	2°51'24	20° 0	19°29	23°48	14°59	16°23	17°56	8°23	10°17	1°42	6°37	4°56	27°50	27°48	T 26
F 27	22 21 31	3°49'21	3♒ 1	19° 1	24°16	15°38	16°31	17°56	8°23	10°16	1°41	6°34	4°53	27°57	27°47	F 27
S 28	22 25 28	4°47'20	15°51	18°28	24°46	16°17	16°39	17°57	8°22	10°14	1°41	6°28	4°50	28° 4	27°47	S 28
S 29	22 29 24	5°45'20	28°30	17°49	25°17	16°56	16°46	17°57	8°21	10°13	1°40	6°20	4°47	28°10	27°46	S 29
M30	22 33 21	6°43'22	10♓58	17° 5	25°50	17°35	16°54	17°R57	8°21	10°11	1°40	6°10	4°44	28°17	27°46	M30
T 31	22 37 17	7♍41'25	23♓15	16♍16	26♋24	18♎14	17♏ 2	17♉57	8♉20	10♓ 9	1♉39	5♋59	4♋40	28♈24	27♐46	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 4	18s13	3s29	9n14	0s25	14n37	7s 1	0n47	0n30	15s 9	0n57	14n44	2s21	13n52	0s28	8s19	0s55	3s43	16s49	23n14	23n19	5n10	16s43	6n44
M 2	17 49	14 35	4 15	8 37	0 36	14 39	7 3	0 31	0 29	15 10	0 56	14 45	2 21	13 52	0 28	8 20	0 55	3 43	16 50	23 14	23 19	5 12	16 43	6 43
T 3	17 33	10 23	4 47	8 2	0 46	14 41	7 4	0 16	0 28	15 12	0 56	14 45	2 21	13 52	0 29	8 20	0 55	3 43	16 50	23 15	23 19	5 15	16 44	6 43
W 4	17 17	5 50	5 6	7 26	0 56	14 43	7 5	0 0	0 27	15 13	0 56	14 46	2 21	13 52	0 29	8 21	0 55	3 44	16 50	23 15	23 19	5 18	16 44	6 43
T 5	17 1	1 7	5 11	6 51	1 7	14 46	7 5	0s15	0 27	15 15	0 56	14 46	2 21	13 52	0 29	8 21	0 55	3 44	16 51	23 15	23 19	5 20	16 44	6 42
F 6	16 45	3n34	5 2	6 17	1 18	14 48	7 5	0 31	0 26	15 16	0 56	14 47	2 22	13 52	0 29	8 22	0 55	3 44	16 51	23 15	23 19	5 23	16 45	6 42
S 7	16 28	8 7	4 40	5 44	1 29	14 51	7 4	0 46	0 25	15 18	0 55	14 47	2 22	13 53	0 29	8 22	0 55	3 45	16 51	23 16	23 19	5 26	16 45	6 42
S 8	16 12	12 23	4 7	5 11	1 40	14 54	7 2	1 2	0 24	15 20	0 55	14 48	2 22	13 53	0 29	8 23	0 55	3 45	16 52	23 16	23 20	5 29	16 45	6 41
M 9	15 54	16 11	3 22	4 40	1 51	14 58	7 0	1 18	0 23	15 21	0 55	14 48	2 22	13 53	0 29	8 24	0 55	3 45	16 52	23 16	23 20	5 31	16 46	6 41
T 10	15 37	19 23	2 28	4 9	2 2	15 1	6 57	1 33	0 23	15 23	0 55	14 49	2 22	13 53	0 29	8 24	0 55	3 46	16 52	23 15	23 20	5 34	16 46	6 41
W11	15 19	21 46	1 25	3 40	2 13	15 5	6 54	1 49	0 22	15 25	0 54	14 49	2 23	13 53	0 29	8 25	0 55	3 46	16 53	23 15	23 20	5 37	16 47	6 40
T 12	15 1	23 6	0 17	3 12	2 24	15 8	6 51	2 4	0 21	15 27	0 54	14 49	2 23	13 53	0 29	8 25	0 55	3 46	16 53	23 15	23 20	5 39	16 47	6 40
F 13	14 43	23 14	0n53	2 45	2 35	15 12	6 47	2 20	0 20	15 29	0 54	14 50	2 23	13 53	0 29	8 26	0 55	3 47	16 53	23 15	23 20	5 42	16 47	6 39
S 14	14 25	22 1	2 3	2 20	2 46	15 16	6 43	2 36	0 20	15 31	0 54	14 50	2 23	13 53	0 29	8 27	0 55	3 47	16 54	23 15	23 20	5 45	16 48	6 39
S 15	14 6	19 28	3 7	1 56	2 56	15 19	6 38	2 52	0 19	15 32	0 53	14 50	2 24	13 53	0 29	8 27	0 55	3 48	16 54	23 16	23 21	5 47	16 48	6 39
M16	13 47	15 40	4 2	1 34	3 7	15 23	6 33	3 7	0 18	15 34	0 53	14 50	2 24	13 53	0 29	8 28	0 55	3 48	16 54	23 16	23 21	5 50	16 48	6 38
T 17	13 28	10 54	4 41	1 14	3 17	15 26	6 28	3 23	0 17	15 36	0 53	14 51	2 24	13 53	0 29	8 28	0 55	3 48	16 55	23 16	23 21	5 53	16 49	6 38
W18	13 9	5 28	5 3	0 56	3 27	15 30	6 23	3 39	0 17	15 39	0 53	14 51	2 24	13 53	0 29	8 29	0 55	3 49	16 55	23 17	23 21	5 55	16 49	6 37
T 19	12 50	0s17	5 5	0 40	3 37	15 33	6 17	3 54	0 16	15 41	0 52	14 51	2 25	13 53	0 29	8 30	0 55	3 49	16 55	23 17	23 21	5 58	16 50	6 37
F 20	12 30	5 59	4 48	0 26	3 46	15 37	6 12	4 10	0 15	15 43	0 52	14 51	2 25	13 52	0 29	8 30	0 55	3 50	16 56	23 17	23 21	6 1	16 50	6 36
S 21	12 10	11 18	4 12	0 15	3 55	15 40	6 6	4 26	0 15	15 45	0 52	14 51	2 25	13 52	0 29	8 31	0 55	3 50	16 56	23 18	23 21	6 3	16 51	6 36
S 22	11 50	15 56	3 21	0 7	4 3	15 43	5 59	4 42	0 14	15 47	0 52	14 51	2 25	13 52	0 29	8 31	0 55	3 50	16 56	23 18	23 21	6 6	16 51	6 36
M23	11 30	19 37	2 20	0 2	4 10	15 46	5 53	4 57	0 13	15 49	0 52	14 51	2 25	13 52	0 29	8 32	0 55	3 51	16 56	23 18	23 22	6 9	16 51	6 35
T 24	11 9	22 7	1 11	0 0	4 16	15 48	5 47	5 13	0 12	15 52	0 51	14 51	2 26	13 52	0 29	8 33	0 55	3 51	16 57	23 18	23 22	6 12	16 52	6 35
W25	10 49	23 18	0s 1	0 1	4 21	15 51	5 40	5 29	0 12	15 54	0 51	14 51	2 26	13 52	0 29	8 33	0 55	3 52	16 57	23 18	23 22	6 14	16 52	6 34
T 26	10 28	23 8	1 11	0 6	4 26	15 53	5 33	5 44	0 11	15 56	0 51	14 51	2 26	13 51	0 29	8 34	0 55	3 52	16 57	23 18	23 22	6 17	16 53	6 34
F 27	10 7	21 43	2 16	0 14	4 28	15 55	5 26	6 0	0 10	15 59	0 51	14 51	2 26	13 51	0 29	8 35	0 55	3 53	16 58	23 18	23 22	6 20	16 53	6 33
S 28	9 46	19 11	3 14	0 26	4 30	15 57	5 20	6 16	0 10	16 1	0 51	14 51	2 27	13 51	0 29	8 35	0 55	3 53	16 58	23 18	23 22	6 22	16 54	6 33
S 29	9 24	15 45	4 0	0 41	4 30	15 58	5 13	6 31	0 9	16 3	0 50	14 51	2 27	13 51	0 29	8 36	0 55	3 53	16 58	23 18	23 22	6 25	16 54	6 32
M30	9 3	11 41	4 35	1 0	4 28	15 59	5 5	6 47	0 8	16 6	0 50	14 50	2 27	13 50	0 29	8 37	0 55	3 54	16 58	23 19	23 22	6 28	16 55	6 32
T 31	8n41	7s12	4s56	1n22	4s24	16n 0	4s58	7s 2	0n 7	16s 8	0n50	14n50	2s27	13n50	0s29	8s37	0s55	3s54	16s59	23n19	23n23	6n30	16s55	6n31

Julian Day Number = 2397701.5, Delta T = 10.09 sec
Ecliptic obliquity = 23°27'29, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°40'54, Lahiri = 21°47'55

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ASTRODIENST EPHEMERIS for the year 1852
geocentric

SEPTEMBER 1852 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 41 14	8♍39'31	5♈24	15°R23	26♋59	18♎53	17♏11	17°R57	8°R19	10°R 8	1°R38	5°R48	4♋37	28♈31	27°D46	W 1
T 2	22 45 11	9°37'38	17°23	14♍27	27°36	19°33	17°19	17♉57	8♉18	10♓ 6	1♉38	5♋37	4°34	28°37	27♐46	T 2
F 3	22 49 7	10°35'47	29°17	13°29	28°14	20°12	17°27	17°56	8°17	10° 4	1°37	5°28	4°31	28°44	27°46	F 3
S 4	22 53 4	11°33'57	11♉ 8	12°30	28°53	20°51	17°36	17°56	8°16	10° 3	1°36	5°21	4°28	28°51	27°46	S 4
S 5	22 57 0	12°32'10	22°59	11°32	29°33	21°31	17°45	17°55	8°15	10° 1	1°36	5°17	4°24	28°57	27°47	S 5
M 6	23 0 57	13°30'25	4♊55	10°35	0♌14	22°10	17°53	17°55	8°14	9°59	1°35	5°15	4°21	29° 4	27°47	M 6
T 7	23 4 53	14°28'42	17° 1	9°41	0°56	22°50	18° 2	17°54	8°13	9°58	1°34	5°D15	4°18	29°11	27°47	T 7
W 8	23 8 50	15°27'01	29°22	8°52	1°40	23°30	18°11	17°53	8°12	9°56	1°34	5°R15	4°15	29°18	27°48	W 8
T 9	23 12 46	16°25'23	12♋ 4	8° 8	2°24	24° 9	18°20	17°52	8°10	9°54	1°33	5°15	4°12	29°24	27°49	T 9
F 10	23 16 43	17°23'46	25°10	7°30	3° 9	24°49	18°30	17°51	8° 9	9°53	1°32	5°14	4° 9	29°31	27°49	F 10
S 11	23 20 40	18°22'12	8♌44	7° 1	3°55	25°29	18°39	17°50	8° 8	9°51	1°31	5°10	4° 5	29°38	27°50	S 11
S 12	23 24 36	19°20'39	22°47	6°39	4°42	26° 9	18°49	17°48	8° 6	9°50	1°31	5° 3	4° 2	29°44	27°51	S 12
M13	23 28 33	20°19'08	7♍16	6°27	5°30	26°49	18°58	17°47	8° 5	9°48	1°30	4°55	3°59	29°51	27°52	M13
T 14	23 32 29	21°17'40	22° 5	6°D24	6°19	27°29	19° 8	17°45	8° 4	9°46	1°29	4°44	3°56	29°58	27°53	T 14
W15	23 36 26	22°16'13	7♎ 6	6°30	7° 8	28°10	19°18	17°44	8° 2	9°45	1°28	4°33	3°53	0♉ 5	27°54	W15
T 16	23 40 22	23°14'48	22°10	6°46	7°58	28°50	19°27	17°42	8° 1	9°43	1°27	4°23	3°49	0°11	27°55	T 16
F 17	23 44 19	24°13'25	7♏ 6	7°11	8°49	29°30	19°37	17°40	7°59	9°42	1°26	4°14	3°46	0°18	27°57	F 17
S 18	23 48 15	25°12'04	21°47	7°45	9°41	0♏11	19°47	17°38	7°57	9°40	1°26	4° 9	3°43	0°25	27°58	S 18
S 19	23 52 12	26°10'44	6♐ 8	8°28	10°33	0°51	19°58	17°36	7°56	9°38	1°25	4° 6	3°40	0°31	28° 0	S 19
M20	23 56 9	27° 9'26	20° 7	9°20	11°26	1°32	20° 8	17°34	7°54	9°37	1°24	4° 5	3°37	0°38	28° 1	M20
T 21	0 0 5	28° 8'10	3♑44	10°19	12°20	2°12	20°18	17°32	7°52	9°35	1°23	4° 5	3°34	0°45	28° 3	T 21
W22	0 4 2	29° 6'56	17° 1	11°25	13°14	2°53	20°29	17°30	7°51	9°34	1°22	4° 4	3°30	0°51	28° 5	W22
T 23	0 7 58	0♎ 5'43	0♒ 0	12°38	14° 8	3°34	20°39	17°27	7°49	9°32	1°21	4° 2	3°27	0°58	28° 6	T 23
F 24	0 11 55	1° 4'32	12°45	13°56	15° 4	4°15	20°50	17°25	7°47	9°31	1°20	3°58	3°24	1° 5	28° 8	F 24
S 25	0 15 51	2° 3'22	25°18	15°20	16° 0	4°55	21° 1	17°22	7°45	9°29	1°19	3°51	3°21	1°12	28°10	S 25
S 26	0 19 48	3° 2'15	7♓41	16°48	16°56	5°36	21°11	17°19	7°43	9°28	1°18	3°41	3°18	1°18	28°12	S 26
M27	0 23 44	4° 1'09	19°55	18°20	17°53	6°17	21°22	17°17	7°41	9°26	1°17	3°28	3°15	1°25	28°14	M27
T 28	0 27 41	5° 0'05	2♈ 2	19°56	18°51	6°58	21°33	17°14	7°40	9°25	1°16	3°14	3°11	1°32	28°17	T 28
W29	0 31 38	5°59'04	14° 3	21°34	19°48	7°40	21°44	17°11	7°38	9°23	1°15	3° 0	3° 8	1°38	28°19	W29
T 30	0 35 34	6♎58'04	25♈58	23♍14	20♌47	8♏21	21♏55	17♉ 8	7♉36	9♓22	1♉14	2♋47	3♋ 5	1♉45	28♐21	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	8n20	2s29	5s 3	1n48	4s18	16n 1	4s51	7s18	0n 7	16s11	0n50	14n50	2s27	13n50	0s29	8s38	0s55	3s55	16s59	23n20	23n23	6n33	16s56	6n31	W 1
T 2	7 58	2n16	4 57	2 16	4 11	16 1	4 44	7 34	0 6	16 13	0 49	14 50	2 28	13 50	0 29	8 38	0 55	3 55	16 59	23 20	23 23	6 36	16 56	6 30	T 2
F 3	7 36	6 54	4 38	2 47	4 1	16 1	4 37	7 49	0 5	16 16	0 49	14 49	2 28	13 49	0 29	8 39	0 55	3 56	17 0	23 21	23 23	6 38	16 56	6 30	F 3
S 4	7 14	11 16	4 7	3 20	3 50	16 0	4 29	8 5	0 5	16 19	0 49	14 49	2 28	13 49	0 29	8 40	0 55	3 56	17 0	23 21	23 23	6 41	16 57	6 29	S 4
S 5	6 52	15 14	3 25	3 54	3 37	15 59	4 22	8 20	0 4	16 21	0 49	14 49	2 28	13 49	0 29	8 40	0 55	3 57	17 0	23 21	23 23	6 44	16 57	6 29	S 5
M 6	6 29	18 37	2 34	4 30	3 22	15 58	4 15	8 35	0 3	16 24	0 49	14 48	2 29	13 48	0 29	8 41	0 55	3 57	17 0	23 21	23 23	6 47	16 58	6 29	M 6
T 7	6 7	21 14	1 35	5 5	3 5	15 56	4 8	8 51	0 3	16 27	0 49	14 48	2 29	13 48	0 29	8 42	0 55	3 58	17 1	23 21	23 23	6 49	16 58	6 28	T 7
W 8	5 44	22 56	0 31	5 40	2 48	15 54	4 0	9 6	0 2	16 29	0 48	14 47	2 29	13 47	0 29	8 42	0 55	3 58	17 1	23 21	23 23	6 52	16 59	6 28	W 8
T 9	5 22	23 31	0n36	6 13	2 29	15 51	3 53	9 22	0 1	16 32	0 48	14 47	2 29	13 47	0 29	8 43	0 55	3 58	17 1	23 21	23 24	6 55	16 59	6 27	T 9
F 10	4 59	22 49	1 44	6 45	2 10	15 48	3 46	9 37	0 0	16 35	0 48	14 46	2 29	13 47	0 29	8 43	0 55	3 59	17 1	23 21	23 24	6 57	17 0	6 27	F 10
S 11	4 36	20 47	2 48	7 14	1 51	15 45	3 38	9 52	0s 0	16 37	0 48	14 46	2 30	13 46	0 29	8 44	0 55	3 59	17 1	23 21	23 24	7 0	17 0	6 26	S 11
S 12	4 13	17 27	3 44	7 40	1 31	15 41	3 31	10 7	0 1	16 40	0 48	14 45	2 30	13 46	0 29	8 45	0 55	4 0	17 2	23 22	23 24	7 3	17 1	6 26	S 12
M13	3 50	12 59	4 27	8 3	1 12	15 37	3 24	10 22	0 2	16 43	0 47	14 45	2 30	13 45	0 29	8 45	0 55	4 0	17 2	23 22	23 24	7 5	17 1	6 25	M13
T 14	3 27	7 38	4 54	8 22	0 52	15 32	3 17	10 37	0 2	16 46	0 47	14 44	2 30	13 45	0 29	8 46	0 55	4 1	17 2	23 22	23 24	7 8	17 2	6 25	T 14
W15	3 4	1 47	5 1	8 37	0 34	15 27	3 9	10 52	0 3	16 49	0 47	14 43	2 30	13 44	0 29	8 47	0 55	4 1	17 2	23 23	23 24	7 11	17 2	6 24	W15
T 16	2 41	4s12	4 47	8 47	0 16	15 21	3 2	11 7	0 4	16 51	0 47	14 43	2 31	13 44	0 29	8 47	0 55	4 2	17 3	23 23	23 24	7 13	17 3	6 24	T 16
F 17	2 18	9 54	4 13	8 54	0n 1	15 15	2 55	11 22	0 4	16 54	0 47	14 42	2 31	13 43	0 29	8 48	0 55	4 2	17 3	23 23	23 24	7 16	17 3	6 23	F 17
S 18	1 55	14 57	3 24	8 56	0 17	15 8	2 48	11 37	0 5	16 57	0 46	14 41	2 31	13 43	0 29	8 48	0 55	4 3	17 3	23 24	23 24	7 19	17 4	6 23	S 18
S 19	1 31	19 1	2 22	8 53	0 31	15 1	2 41	11 52	0 6	17 0	0 46	14 41	2 31	13 42	0 29	8 49	0 55	4 3	17 3	23 24	23 24	7 21	17 4	6 22	S 19
M20	1 8	21 52	1 13	8 46	0 45	14 54	2 34	12 7	0 6	17 3	0 46	14 40	2 31	13 42	0 29	8 50	0 55	4 4	17 3	23 24	23 25	7 24	17 5	6 22	M20
T 21	0 45	23 23	0 2	8 35	0 57	14 46	2 27	12 21	0 7	17 6	0 46	14 39	2 32	13 41	0 29	8 50	0 55	4 4	17 4	23 24	23 25	7 27	17 5	6 21	T 21
W22	0 21	23 30	1s 8	8 20	1 8	14 37	2 20	12 36	0 8	17 9	0 46	14 38	2 32	13 41	0 29	8 51	0 55	4 5	17 4	23 24	23 25	7 30	17 6	6 21	W22
T 23	0s 2	22 19	2 12	8 2	1 18	14 28	2 13	12 51	0 8	17 12	0 46	14 37	2 32	13 40	0 29	8 51	0 55	4 5	17 4	23 24	23 25	7 32	17 6	6 20	T 23
F 24	0 26	20 1	3 9	7 39	1 26	14 19	2 7	13 5	0 9	17 15	0 45	14 36	2 32	13 39	0 29	8 52	0 55	4 6	17 4	23 24	23 25	7 35	17 7	6 20	F 24
S 25	0 49	16 47	3 55	7 14	1 34	14 9	2 0	13 19	0 10	17 18	0 45	14 36	2 32	13 39	0 29	8 52	0 55	4 6	17 4	23 24	23 25	7 38	17 7	6 19	S 25
S 26	1 13	12 52	4 30	6 45	1 40	13 58	1 53	13 34	0 10	17 21	0 45	14 35	2 33	13 38	0 29	8 53	0 55	4 6	17 4	23 24	23 25	7 40	17 8	6 19	S 26
M27	1 36	8 27	4 51	6 13	1 45	13 47	1 47	13 48	0 11	17 24	0 45	14 34	2 33	13 38	0 29	8 54	0 55	4 7	17 5	23 25	23 25	7 43	17 8	6 18	M27
T 28	1 59	3 46	4 59	5 39	1 49	13 36	1 40	14 2	0 11	17 27	0 45	14 33	2 33	13 37	0 29	8 54	0 55	4 7	17 5	23 25	23 25	7 46	17 9	6 18	T 28
W29	2 23	1n 2	4 54	5 3	1 51	13 24	1 34	14 16	0 12	17 30	0 45	14 32	2 33	13 36	0 29	8 55	0 55	4 8	17 5	23 25	23 25	7 48	17 9	6 17	W29
T 30	2s46	5n45	4s36	4n25	1n53	13n12	1s27	14s30	0s13	17s33	0n44	14n31	2s33	13n36	0s29	8s55	0s55	4s 8	17s 5	23n26	23n25	7n51	17s10	6n17	T 30

Julian Day Number = 2397732.5, Delta T = 10.11 sec
Ecliptic obliquity = 23°27'30, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°40'59, Lahiri = 21°47'59

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ASTRODIENST EPHEMERIS for the year 1852
geocentric

OCTOBER 1852 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 39 31	7♎57'07	7♉49	24♍56	21♌46	9♏ 2	22♏ 7	17°R 5	7°R34	9°R21	1°R13	2°R35	3♋ 2	1♉52	28♐24	F 1
S 2	0 43 27	8°56'11	19°39	26°40	22°45	9°43	22°18	17♉ 1	7♉31	9♓19	1♉12	2♋26	2°59	1°59	28°26	S 2
S 3	0 47 24	9°55'18	1♊29	28°24	23°45	10°25	22°29	16°58	7°29	9°18	1°11	2°20	2°55	2° 5	28°29	S 3
M 4	0 51 20	10°54'28	13°24	0♎10	24°45	11° 6	22°41	16°55	7°27	9°16	1°10	2°17	2°52	2°12	28°32	M 4
T 5	0 55 17	11°53'39	25°29	1°55	25°46	11°48	22°52	16°51	7°25	9°15	1° 9	2°15	2°49	2°19	28°35	T 5
W 6	0 59 13	12°52'53	7♋47	3°41	26°47	12°29	23° 4	16°48	7°23	9°14	1° 8	2°15	2°46	2°25	28°37	W 6
T 7	1 3 10	13°52'10	20°24	5°28	27°48	13°11	23°15	16°44	7°21	9°12	1° 7	2°15	2°43	2°32	28°40	T 7
F 8	1 7 6	14°51'28	3♌26	7°14	28°50	13°53	23°27	16°40	7°19	9°11	1° 6	2°14	2°40	2°39	28°43	F 8
S 9	1 11 3	15°50'49	16°55	8°59	29°52	14°35	23°39	16°37	7°16	9°10	1° 5	2°11	2°36	2°45	28°47	S 9
S 10	1 15 0	16°50'13	0♍55	10°45	0♍55	15°16	23°51	16°33	7°14	9° 9	1° 4	2° 5	2°33	2°52	28°50	S 10
M11	1 18 56	17°49'38	15°24	12°30	1°58	15°58	24° 3	16°29	7°12	9° 8	1° 2	1°57	2°30	2°59	28°53	M11
T 12	1 22 53	18°49'06	0♎18	14°15	3° 1	16°40	24°15	16°25	7° 9	9° 6	1° 1	1°46	2°27	3° 6	28°56	T 12
W13	1 26 49	19°48'35	15°29	15°59	4° 5	17°23	24°27	16°21	7° 7	9° 5	1° 0	1°36	2°24	3°12	29° 0	W13
T 14	1 30 46	20°48'07	0♏47	17°43	5° 8	18° 5	24°39	16°17	7° 5	9° 4	0°59	1°26	2°20	3°19	29° 3	T 14
F 15	1 34 42	21°47'41	16° 1	19°26	6°13	18°47	24°51	16°13	7° 2	9° 3	0°58	1°17	2°17	3°26	29° 7	F 15
S 16	1 38 39	22°47'17	1♐ 0	21° 8	7°17	19°29	25° 3	16° 8	7° 0	9° 2	0°57	1°11	2°14	3°32	29°10	S 16
S 17	1 42 35	23°46'55	15°36	22°50	8°22	20°12	25°15	16° 4	6°58	9° 1	0°56	1° 8	2°11	3°39	29°14	S 17
M18	1 46 32	24°46'35	29°46	24°31	9°27	20°54	25°28	16° 0	6°55	9° 0	0°55	1°D 7	2° 8	3°46	29°18	M18
T 19	1 50 29	25°46'16	13♑30	26°12	10°32	21°36	25°40	15°55	6°53	8°59	0°54	1° 8	2° 5	3°52	29°22	T 19
W20	1 54 25	26°45'59	26°48	27°52	11°38	22°19	25°53	15°51	6°50	8°58	0°52	1°R 8	2° 1	3°59	29°25	W20
T 21	1 58 22	27°45'43	9♒44	29°31	12°44	23° 2	26° 5	15°47	6°48	8°57	0°51	1° 7	1°58	4° 6	29°29	T 21
F 22	2 2 18	28°45'30	22°22	1♏10	13°50	23°44	26°18	15°42	6°46	8°56	0°50	1° 5	1°55	4°13	29°33	F 22
S 23	2 6 15	29°45'18	4♓46	2°48	14°56	24°27	26°30	15°37	6°43	8°55	0°49	0°59	1°52	4°19	29°37	S 23
S 24	2 10 11	0♏45'07	16°58	4°26	16° 2	25°10	26°43	15°33	6°41	8°54	0°48	0°52	1°49	4°26	29°42	S 24
M25	2 14 8	1°44'59	29° 2	6° 3	17° 9	25°53	26°56	15°28	6°38	8°53	0°47	0°42	1°46	4°33	29°46	M25
T 26	2 18 4	2°44'52	11♈ 1	7°40	18°16	26°36	27° 8	15°24	6°36	8°52	0°46	0°31	1°42	4°39	29°50	T 26
W27	2 22 1	3°44'47	22°55	9°16	19°23	27°19	27°21	15°19	6°33	8°52	0°44	0°19	1°39	4°46	29°54	W27
T 28	2 25 58	4°44'44	4♉47	10°51	20°31	28° 2	27°34	15°14	6°31	8°51	0°43	0° 8	1°36	4°53	29°59	T 28
F 29	2 29 54	5°44'43	16°38	12°27	21°39	28°45	27°47	15° 9	6°28	8°50	0°42	29♊59	1°33	4°59	0♑ 3	F 29
S 30	2 33 51	6°44'44	28°29	14° 1	22°46	29°28	28° 0	15° 5	6°26	8°49	0°41	29°52	1°30	5° 6	0° 8	S 30
S 31	2 37 47	7♏44'47	10♊24	15♏35	23♍55	0♐11	28♏13	15♉ 0	6♉23	8♓49	0♉40	29♊48	1♋26	5♉13	0♑12	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s 9	10n15	4s 6	3n46	1n54	12n59	1s21	14s44	0s13	17s36	0n44	14n30	2s33	13n35	0s29	8s56	0s55	4s 9	17s 5	23n26	23n25	7n54	17s10	6n17
S 2	3 33	14 22	3 25	3 5	1 55	12 46	1 15	14 58	0 14	17 39	0 44	14 29	2 34	13 34	0 29	8 56	0 55	4 9	17 5	23 26	23 25	7 56	17 11	6 16
S 3	3 56	17 57	2 35	2 23	1 54	12 32	1 8	15 11	0 15	17 42	0 44	14 28	2 34	13 34	0 29	8 57	0 55	4 10	17 5	23 26	23 26	7 59	17 11	6 16
M 4	4 19	20 48	1 38	1 40	1 53	12 18	1 2	15 25	0 15	17 45	0 44	14 27	2 34	13 33	0 29	8 57	0 55	4 10	17 5	23 26	23 26	8 2	17 12	6 15
T 5	4 42	22 47	0 36	0 56	1 51	12 3	0 56	15 38	0 16	17 48	0 44	14 25	2 34	13 32	0 29	8 58	0 55	4 11	17 6	23 26	23 26	8 4	17 12	6 15
W 6	5 5	23 43	0n29	0 11	1 48	11 48	0 50	15 52	0 17	17 51	0 44	14 24	2 34	13 31	0 29	8 58	0 55	4 11	17 6	23 26	23 26	8 7	17 13	6 14
T 7	5 29	23 28	1 35	0s34	1 45	11 33	0 45	16 5	0 17	17 54	0 43	14 23	2 34	13 31	0 29	8 59	0 55	4 11	17 6	23 26	23 26	8 10	17 13	6 14
F 8	5 52	21 57	2 37	1 19	1 42	11 17	0 39	16 18	0 18	17 57	0 43	14 22	2 34	13 30	0 29	8 59	0 55	4 12	17 6	23 26	23 26	8 12	17 14	6 13
S 9	6 14	19 10	3 33	2 4	1 38	11 1	0 33	16 31	0 18	18 0	0 43	14 21	2 34	13 29	0 29	9 0	0 55	4 12	17 6	23 26	23 26	8 15	17 14	6 13
S 10	6 37	15 11	4 19	2 50	1 33	10 44	0 27	16 44	0 19	18 3	0 43	14 20	2 35	13 29	0 29	9 0	0 55	4 13	17 6	23 27	23 26	8 18	17 15	6 13
M11	7 0	10 12	4 49	3 35	1 29	10 27	0 22	16 57	0 20	18 6	0 43	14 18	2 35	13 28	0 29	9 0	0 55	4 13	17 6	23 27	23 26	8 21	17 15	6 12
T 12	7 23	4 29	5 2	4 20	1 24	10 9	0 16	17 9	0 20	18 9	0 43	14 17	2 35	13 27	0 29	9 1	0 55	4 14	17 6	23 27	23 26	8 23	17 16	6 12
W13	7 45	1s36	4 53	5 5	1 18	9 51	0 11	17 22	0 21	18 12	0 43	14 16	2 35	13 26	0 29	9 1	0 55	4 14	17 6	23 27	23 26	8 26	17 16	6 11
T 14	8 8	7 38	4 23	5 50	1 13	9 33	0 6	17 34	0 21	18 16	0 42	14 15	2 35	13 26	0 29	9 2	0 55	4 14	17 6	23 27	23 26	8 29	17 16	6 11
F 15	8 30	13 12	3 35	6 35	1 7	9 14	0 1	17 47	0 22	18 19	0 42	14 13	2 35	13 25	0 29	9 2	0 55	4 15	17 6	23 27	23 26	8 31	17 17	6 11
S 16	8 52	17 53	2 33	7 19	1 1	8 55	0n 4	17 59	0 23	18 22	0 42	14 12	2 35	13 24	0 29	9 3	0 55	4 15	17 6	23 27	23 26	8 34	17 17	6 10
S 17	9 14	21 20	1 22	8 2	0 55	8 35	0 9	18 11	0 23	18 25	0 42	14 11	2 35	13 23	0 29	9 3	0 55	4 16	17 6	23 27	23 26	8 37	17 18	6 10
M18	9 36	23 20	0 7	8 45	0 49	8 15	0 14	18 23	0 24	18 28	0 42	14 10	2 35	13 22	0 29	9 3	0 55	4 16	17 6	23 27	23 26	8 39	17 18	6 9
T 19	9 58	23 52	1s 5	9 28	0 42	7 55	0 19	18 34	0 24	18 31	0 42	14 8	2 35	13 22	0 29	9 4	0 55	4 16	17 6	23 27	23 27	8 42	17 19	6 9
W20	10 20	22 59	2 12	10 10	0 36	7 34	0 24	18 46	0 25	18 34	0 42	14 7	2 35	13 21	0 29	9 4	0 55	4 17	17 6	23 27	23 27	8 45	17 19	6 9
T 21	10 41	20 53	3 11	10 51	0 29	7 13	0 28	18 57	0 26	18 37	0 42	14 6	2 35	13 20	0 29	9 4	0 55	4 17	17 6	23 27	23 27	8 47	17 19	6 8
F 22	11 3	17 49	3 58	11 32	0 23	6 52	0 33	19 9	0 26	18 40	0 41	14 4	2 36	13 19	0 29	9 5	0 55	4 18	17 6	23 27	23 27	8 50	17 20	6 8
S 23	11 24	14 0	4 33	12 12	0 16	6 31	0 37	19 20	0 27	18 43	0 41	14 3	2 36	13 18	0 29	9 5	0 55	4 18	17 6	23 27	23 27	8 53	17 20	6 7
S 24	11 45	9 41	4 55	12 52	0 9	6 9	0 41	19 31	0 27	18 46	0 41	14 2	2 36	13 18	0 29	9 5	0 55	4 18	17 6	23 27	23 27	8 55	17 20	6 7
M25	12 6	5 2	5 4	13 31	0 2	5 47	0 46	19 42	0 28	18 49	0 41	14 0	2 36	13 17	0 29	9 6	0 55	4 19	17 6	23 27	23 27	8 58	17 21	6 7
T 26	12 26	0 13	4 59	14 9	0s 4	5 24	0 50	19 52	0 29	18 52	0 41	13 59	2 36	13 16	0 29	9 6	0 55	4 19	17 6	23 27	23 27	9 1	17 21	6 6
W27	12 47	4n34	4 41	14 46	0 11	5 1	0 54	20 3	0 29	18 55	0 41	13 57	2 36	13 15	0 29	9 6	0 55	4 19	17 6	23 27	23 27	9 3	17 22	6 6
T 28	13 7	9 11	4 11	15 23	0 18	4 38	0 57	20 13	0 30	18 58	0 41	13 56	2 36	13 14	0 29	9 7	0 55	4 20	17 6	23 28	23 27	9 6	17 22	6 6
F 29	13 27	13 28	3 30	15 58	0 25	4 15	1 1	20 23	0 30	19 1	0 41	13 55	2 36	13 14	0 29	9 7	0 55	4 20	17 6	23 28	23 27	9 9	17 22	6 5
S 30	13 47	17 14	2 40	16 33	0 31	3 52	1 5	20 33	0 31	19 4	0 41	13 53	2 36	13 13	0 29	9 7	0 55	4 20	17 6	23 28	23 27	9 11	17 23	6 5
S 31	14s 6	20n20	1s42	17s 7	0s38	3n28	1n 8	20s43	0s31	19s 7	0n40	13n52	2s36	13n12	0s29	9s 7	0s55	4s21	17s 6	23n27	23n27	9n14	17s23	6n 5

Julian Day Number = 2397762.5, Delta T = 10.13 sec
Ecliptic obliquity = 23°27'31, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°41'03, Lahiri = 21°48'03

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1852
geocentric

NOVEMBER 1852 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 41 44	8♏44'52	22♊23	17♏ 9	25♍ 3	0♐54	28♏25	14°R55	6°R21	8°R48	0°R39	29°R45	1♋23	5♉20	0♑17	M 1
T 2	2 45 40	9°44'59	4♋31	18°43	26°11	1°38	28°38	14♉50	6♉19	8♓47	0♉38	29°D45	1°20	5°26	0°22	T 2
W 3	2 49 37	10°45'08	16°51	20°16	27°20	2°21	28°51	14°45	6°16	8°47	0°37	29♊46	1°17	5°33	0°26	W 3
T 4	2 53 33	11°45'19	29°28	21°48	28°29	3° 5	29° 5	14°40	6°14	8°46	0°35	29°48	1°14	5°40	0°31	T 4
F 5	2 57 30	12°45'32	12♌25	23°20	29°38	3°48	29°18	14°36	6°11	8°46	0°34	29°R48	1°11	5°46	0°36	F 5
S 6	3 1 27	13°45'48	25°47	24°52	0♎47	4°32	29°31	14°31	6° 9	8°45	0°33	29°47	1° 7	5°53	0°41	S 6
S 7	3 5 23	14°46'05	9♍36	26°24	1°57	5°15	29°44	14°26	6° 6	8°45	0°32	29°45	1° 4	6° 0	0°46	S 7
M 8	3 9 20	15°46'24	23°53	27°55	3° 6	5°59	29°57	14°21	6° 4	8°45	0°31	29°40	1° 1	6° 6	0°51	M 8
T 9	3 13 16	16°46'45	8♎35	29°26	4°16	6°43	0♐10	14°16	6° 1	8°44	0°30	29°34	0°58	6°13	0°56	T 9
W10	3 17 13	17°47'09	23°38	0♐56	5°26	7°27	0°24	14°11	5°59	8°44	0°29	29°28	0°55	6°20	1° 1	W10
T 11	3 21 9	18°47'33	8♏53	2°26	6°36	8°11	0°37	14° 6	5°57	8°43	0°28	29°22	0°52	6°27	1° 6	T 11
F 12	3 25 6	19°48'00	24° 8	3°56	7°46	8°55	0°50	14° 1	5°54	8°43	0°27	29°16	0°48	6°33	1°11	F 12
S 13	3 29 2	20°48'29	9♐14	5°25	8°56	9°39	1° 3	13°57	5°52	8°43	0°26	29°13	0°45	6°40	1°16	S 13
S 14	3 32 59	21°48'59	24° 1	6°54	10° 7	10°23	1°17	13°52	5°49	8°43	0°25	29°D12	0°42	6°47	1°22	S 14
M15	3 36 56	22°49'30	8♑23	8°22	11°17	11° 7	1°30	13°47	5°47	8°43	0°24	29°12	0°39	6°53	1°27	M15
T 16	3 40 52	23°50'03	22°18	9°50	12°28	11°51	1°43	13°42	5°45	8°42	0°23	29°13	0°36	7° 0	1°32	T 16
W17	3 44 49	24°50'37	5♒46	11°18	13°39	12°35	1°57	13°38	5°42	8°42	0°22	29°15	0°32	7° 7	1°38	W17
T 18	3 48 45	25°51'12	18°48	12°45	14°50	13°20	2°10	13°33	5°40	8°42	0°21	29°16	0°29	7°13	1°43	T 18
F 19	3 52 42	26°51'48	1♓27	14°11	16° 1	14° 4	2°24	13°28	5°38	8°42	0°20	29°R16	0°26	7°20	1°49	F 19
S 20	3 56 38	27°52'26	13°50	15°37	17°12	14°49	2°37	13°23	5°36	8°D42	0°19	29°15	0°23	7°27	1°54	S 20
S 21	4 0 35	28°53'05	25°58	17° 2	18°23	15°33	2°50	13°19	5°33	8°42	0°18	29°12	0°20	7°34	2° 0	S 21
M22	4 4 31	29°53'44	7♈57	18°26	19°35	16°18	3° 4	13°14	5°31	8°42	0°17	29° 8	0°17	7°40	2° 5	M22
T 23	4 8 28	0♐54'25	19°51	19°49	20°46	17° 2	3°17	13°10	5°29	8°42	0°16	29° 3	0°13	7°47	2°11	T 23
W24	4 12 25	1°55'07	1♉42	21°11	21°58	17°47	3°31	13° 5	5°27	8°42	0°15	28°58	0°10	7°54	2°17	W24
T 25	4 16 21	2°55'51	13°33	22°32	23°10	18°32	3°44	13° 1	5°25	8°43	0°14	28°53	0° 7	8° 0	2°22	T 25
F 26	4 20 18	3°56'35	25°26	23°52	24°22	19°16	3°57	12°56	5°23	8°43	0°13	28°49	0° 4	8° 7	2°28	F 26
S 27	4 24 14	4°57'21	7♊23	25°10	25°34	20° 1	4°11	12°52	5°21	8°43	0°12	28°46	0° 1	8°14	2°34	S 27
S 28	4 28 11	5°58'09	19°26	26°26	26°46	20°46	4°24	12°48	5°19	8°43	0°11	28°45	29♊58	8°20	2°40	S 28
M29	4 32 7	6°58'57	1♋36	27°40	27°58	21°31	4°38	12°44	5°17	8°44	0°10	28°D44	29°54	8°27	2°45	M29
T 30	4 36 4	7♐59'47	13♋56	28♐51	29♎10	22♐16	4♐51	12♉39	5♉15	8♓44	0♉ 9	28♊45	29♊51	8♉34	2♑51	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s26	22n35	0s40	17s41	0s44	3n 4	1n12	20s53	0s32	19s10	0n40	13n51	2s36	13n11	0s29	9s 7	0s55	4s21	17s 6	23n27	23n27	9n17	17s23	6n 4
T 2	14 45	23 49	0n26	18 13	0 51	2 40	1 15	21 2	0 32	19 13	0 40	13 49	2 36	13 10	0 29	9 8	0 55	4 21	17 6	23 27	23 27	9 19	17 23	6 4
W 3	15 4	23 54	1 31	18 45	0 57	2 16	1 18	21 11	0 33	19 16	0 40	13 48	2 36	13 10	0 29	9 8	0 55	4 22	17 6	23 27	23 27	9 22	17 24	6 4
T 4	15 22	22 47	2 33	19 15	1 3	1 51	1 21	21 20	0 34	19 19	0 40	13 46	2 36	13 9	0 29	9 8	0 55	4 22	17 6	23 27	23 27	9 25	17 24	6 3
F 5	15 41	20 27	3 30	19 45	1 10	1 26	1 24	21 29	0 34	19 22	0 40	13 45	2 36	13 8	0 29	9 8	0 55	4 22	17 6	23 27	23 27	9 27	17 24	6 3
S 6	15 59	16 58	4 17	20 13	1 16	1 1	1 27	21 38	0 35	19 25	0 40	13 44	2 36	13 7	0 29	9 8	0 55	4 22	17 6	23 27	23 27	9 30	17 25	6 3
S 7	16 17	12 27	4 50	20 41	1 21	0 36	1 30	21 46	0 35	19 28	0 40	13 42	2 36	13 6	0 29	9 9	0 55	4 23	17 6	23 27	23 27	9 33	17 25	6 3
M 8	16 34	7 8	5 8	21 8	1 27	0 11	1 33	21 55	0 36	19 31	0 40	13 41	2 36	13 6	0 29	9 9	0 55	4 23	17 6	23 27	23 27	9 35	17 25	6 2
T 9	16 52	1 16	5 5	21 33	1 33	0s14	1 35	22 3	0 36	19 34	0 40	13 39	2 35	13 5	0 29	9 9	0 55	4 23	17 5	23 27	23 27	9 38	17 25	6 2
W10	17 9	4s48	4 42	21 58	1 38	0 40	1 38	22 10	0 37	19 36	0 39	13 38	2 35	13 4	0 29	9 9	0 55	4 23	17 5	23 27	23 27	9 41	17 26	6 2
T 11	17 26	10 41	3 59	22 21	1 43	1 5	1 40	22 18	0 37	19 39	0 39	13 37	2 35	13 3	0 29	9 9	0 55	4 24	17 5	23 27	23 27	9 43	17 26	6 1
F 12	17 42	15 56	2 59	22 44	1 48	1 31	1 42	22 26	0 38	19 42	0 39	13 35	2 35	13 3	0 29	9 9	0 55	4 24	17 5	23 27	23 27	9 46	17 26	6 1
S 13	17 58	20 6	1 46	23 5	1 53	1 57	1 45	22 33	0 38	19 45	0 39	13 34	2 35	13 2	0 29	9 9	0 55	4 24	17 5	23 27	23 27	9 49	17 26	6 1
S 14	18 14	22 51	0 28	23 25	1 58	2 22	1 47	22 40	0 39	19 48	0 39	13 33	2 35	13 1	0 29	9 9	0 55	4 24	17 5	23 27	23 27	9 51	17 26	6 1
M15	18 30	24 1	0s50	23 44	2 2	2 48	1 48	22 47	0 39	19 51	0 39	13 31	2 35	13 0	0 29	9 9	0 55	4 25	17 5	23 27	23 27	9 54	17 27	6 0
T 16	18 45	23 38	2 3	24 1	2 6	3 14	1 50	22 53	0 40	19 53	0 39	13 30	2 35	12 59	0 29	9 9	0 55	4 25	17 4	23 27	23 27	9 56	17 27	6 0
W17	19 0	21 51	3 6	24 18	2 10	3 40	1 52	22 59	0 40	19 56	0 39	13 29	2 35	12 59	0 29	9 9	0 55	4 25	17 4	23 27	23 27	9 59	17 27	6 0
T 18	19 14	18 58	3 58	24 33	2 14	4 6	1 54	23 6	0 41	19 59	0 39	13 27	2 35	12 58	0 29	9 9	0 55	4 25	17 4	23 27	23 27	10 2	17 27	6 0
F 19	19 28	15 16	4 37	24 47	2 17	4 32	1 55	23 11	0 41	20 1	0 39	13 26	2 35	12 57	0 29	9 9	0 55	4 25	17 4	23 27	23 27	10 4	17 27	6 0
S 20	19 42	11 0	5 1	25 0	2 19	4 58	1 56	23 17	0 42	20 4	0 39	13 25	2 34	12 56	0 29	9 9	0 55	4 25	17 4	23 27	23 27	10 7	17 27	5 59
S 21	19 56	6 23	5 12	25 11	2 22	5 24	1 58	23 22	0 42	20 7	0 38	13 24	2 34	12 56	0 29	9 9	0 55	4 26	17 4	23 27	23 27	10 10	17 27	5 59
M22	20 9	1 34	5 9	25 21	2 24	5 50	1 59	23 28	0 43	20 10	0 38	13 22	2 34	12 55	0 29	9 9	0 55	4 26	17 3	23 27	23 27	10 12	17 28	5 59
T 23	20 21	3n15	4 52	25 29	2 26	6 16	2 0	23 33	0 43	20 12	0 38	13 21	2 34	12 54	0 29	9 9	0 54	4 26	17 3	23 27	23 27	10 15	17 28	5 59
W24	20 34	7 57	4 24	25 36	2 27	6 42	2 1	23 37	0 44	20 15	0 38	13 20	2 34	12 54	0 29	9 9	0 54	4 26	17 3	23 27	23 27	10 18	17 28	5 59
T 25	20 46	12 22	3 43	25 42	2 27	7 7	2 2	23 42	0 44	20 17	0 38	13 19	2 34	12 53	0 29	9 9	0 54	4 26	17 3	23 27	23 27	10 20	17 28	5 58
F 26	20 57	16 20	2 53	25 46	2 28	7 33	2 2	23 46	0 45	20 20	0 38	13 18	2 34	12 52	0 29	9 9	0 54	4 26	17 3	23 27	23 27	10 23	17 28	5 58
S 27	21 8	19 40	1 55	25 49	2 27	7 59	2 3	23 50	0 45	20 23	0 38	13 16	2 33	12 52	0 29	9 9	0 54	4 26	17 2	23 27	23 27	10 26	17 28	5 58
S 28	21 19	22 11	0 51	25 51	2 26	8 24	2 4	23 54	0 46	20 25	0 38	13 15	2 33	12 51	0 29	9 9	0 54	4 26	17 2	23 27	23 27	10 28	17 28	5 58
M29	21 30	23 43	0n16	25 51	2 24	8 50	2 4	23 57	0 46	20 28	0 38	13 14	2 33	12 50	0 29	9 9	0 54	4 26	17 2	23 27	23 27	10 31	17 28	5 58
T 30	21s40	24n 6	1n23	25s49	2s22	9s15	2n 4	24s 0	0s46	20s30	0n38	13n13	2s33	12n50	0s29	9s 9	0s54	4s27	17s 2	23n27	23n27	10n34	17s28	5n58

Julian Day Number = 2397793.5, Delta T = 10.15 sec
Ecliptic obliquity = 23°27'30, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°41'07, Lahiri = 21°48'07

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ASTRODIENST EPHEMERIS for the year 1852
geocentric

DECEMBER 1852 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 40 0	9♐ 0'38	26♋27	29♐59	0♏22	23♐ 1	5♐ 5	12°R35	5°R13	8♓44	0°R 8	28♊46	29♊48	8♉40	2♑57	W 1
T 2	4 43 57	10° 1'30	9♌12	1♑ 6	1°35	23°46	5°18	12♉31	5♉11	8°45	0♉ 8	28°48	29°45	8°47	3° 3	T 2
F 3	4 47 54	11° 2'24	22°14	2° 7	2°47	24°31	5°32	12°27	5° 9	8°45	0° 7	28°49	29°42	8°54	3° 9	F 3
S 4	4 51 50	12° 3'19	5♍34	3° 5	4° 0	25°16	5°45	12°23	5° 7	8°46	0° 6	28°50	29°38	9° 1	3°15	S 4
S 5	4 55 47	13° 4'15	19°15	3°58	5°13	26° 2	5°58	12°20	5° 5	8°46	0° 5	28°R50	29°35	9° 7	3°21	S 5
M 6	4 59 43	14° 5'13	3♎18	4°45	6°25	26°47	6°12	12°16	5° 4	8°47	0° 4	28°49	29°32	9°14	3°27	M 6
T 7	5 3 40	15° 6'11	17°41	5°27	7°38	27°32	6°25	12°12	5° 2	8°47	0° 4	28°48	29°29	9°21	3°33	T 7
W 8	5 7 36	16° 7'11	2♏22	6° 1	8°51	28°18	6°39	12° 8	5° 0	8°48	0° 3	28°46	29°26	9°27	3°39	W 8
T 9	5 11 33	17° 8'12	17°15	6°27	10° 4	29° 3	6°52	12° 5	4°58	8°48	0° 2	28°45	29°23	9°34	3°45	T 9
F 10	5 15 29	18° 9'15	2♐14	6°44	11°17	29°49	7° 5	12° 1	4°57	8°49	0° 1	28°44	29°19	9°41	3°51	F 10
S 11	5 19 26	19°10'18	17° 8	6°R52	12°30	0♑34	7°19	11°58	4°55	8°50	0° 1	28°43	29°16	9°47	3°57	S 11
S 12	5 23 23	20°11'22	1♑52	6°50	13°43	1°20	7°32	11°55	4°54	8°51	0° 0	28°D43	29°13	9°54	4° 3	S 12
M13	5 27 19	21°12'26	16°16	6°36	14°56	2° 5	7°45	11°52	4°52	8°51	29♈59	28°43	29°10	10° 1	4° 9	M13
T 14	5 31 16	22°13'32	0♒17	6°11	16°10	2°51	7°59	11°48	4°51	8°52	29°59	28°44	29° 7	10° 7	4°16	T 14
W15	5 35 12	23°14'37	13°53	5°34	17°23	3°37	8°12	11°45	4°49	8°53	29°58	28°44	29° 4	10°14	4°22	W15
T 16	5 39 9	24°15'43	27° 2	4°46	18°36	4°23	8°25	11°42	4°48	8°54	29°57	28°45	29° 0	10°21	4°28	T 16
F 17	5 43 5	25°16'49	9♓49	3°47	19°50	5° 8	8°38	11°40	4°47	8°55	29°57	28°45	28°57	10°28	4°34	F 17
S 18	5 47 2	26°17'56	22°15	2°39	21° 3	5°54	8°51	11°37	4°45	8°56	29°56	28°R45	28°54	10°34	4°40	S 18
S 19	5 50 59	27°19'03	4♈25	1°24	22°17	6°40	9° 5	11°34	4°44	8°57	29°56	28°45	28°51	10°41	4°46	S 19
M20	5 54 55	28°20'10	16°24	0° 4	23°30	7°26	9°18	11°32	4°43	8°58	29°55	28°D45	28°48	10°48	4°53	M20
T 21	5 58 52	29°21'17	28°16	28♐41	24°44	8°12	9°31	11°29	4°42	8°59	29°55	28°45	28°44	10°54	4°59	T 21
W22	6 2 48	0♑22'24	10♉ 6	27°19	25°58	8°58	9°44	11°27	4°41	9° 0	29°54	28°45	28°41	11° 1	5° 5	W22
T 23	6 6 45	1°23'32	21°58	26° 0	27°11	9°44	9°57	11°25	4°40	9° 1	29°54	28°46	28°38	11° 8	5°11	T 23
F 24	6 10 41	2°24'39	3♊54	24°47	28°25	10°30	10°10	11°22	4°39	9° 2	29°53	28°46	28°35	11°14	5°17	F 24
S 25	6 14 38	3°25'47	15°59	23°41	29°39	11°17	10°23	11°20	4°38	9° 3	29°53	28°46	28°32	11°21	5°24	S 25
S 26	6 18 34	4°26'55	28°13	22°44	0♐53	12° 3	10°36	11°18	4°37	9° 4	29°53	28°R46	28°29	11°28	5°30	S 26
M27	6 22 31	5°28'04	10♋39	21°58	2° 7	12°49	10°48	11°17	4°36	9° 6	29°52	28°46	28°25	11°34	5°36	M27
T 28	6 26 28	6°29'12	23°17	21°21	3°20	13°35	11° 1	11°15	4°35	9° 7	29°52	28°46	28°22	11°41	5°42	T 28
W29	6 30 24	7°30'21	6♌ 8	20°56	4°34	14°22	11°14	11°13	4°34	9° 8	29°51	28°45	28°19	11°48	5°49	W29
T 30	6 34 21	8°31'30	19°13	20°40	5°48	15° 8	11°27	11°12	4°34	9° 9	29°51	28°43	28°16	11°55	5°55	T 30
F 31	6 38 17	9♑32'39	2♍31	20°D34	7♐ 2	15♑54	11♐40	11♉10	4♉33	9♓11	29♈51	28♊42	28♊13	12♉ 1	6♑ 1	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s49	23n17	2n27	25s46	2s19	9s40	2n 5	24s 3	0s47	20s33	0n38	13n12	2s33	12n49	0s29	9s 8	0s54	4s27	17s 2	23n27	23n27	10n36	17s28	5n58
T 2	21 58	21 16	3 25	25 42	2 15	10 5	2 5	24 6	0 47	20 35	0 38	13 11	2 33	12 48	0 29	9 8	0 54	4 27	17 1	23 27	23 27	10 39	17 28	5 57
F 3	22 7	18 7	4 14	25 36	2 10	10 30	2 5	24 8	0 48	20 38	0 38	13 10	2 32	12 48	0 29	9 8	0 54	4 27	17 1	23 27	23 27	10 41	17 28	5 57
S 4	22 15	13 59	4 51	25 29	2 4	10 54	2 5	24 11	0 48	20 40	0 38	13 9	2 32	12 47	0 29	9 8	0 54	4 27	17 1	23 27	23 27	10 44	17 28	5 57
S 5	22 23	9 2	5 12	25 21	1 57	11 19	2 4	24 13	0 49	20 42	0 37	13 8	2 32	12 47	0 29	9 8	0 54	4 27	17 1	23 27	23 27	10 47	17 28	5 57
M 6	22 31	3 31	5 15	25 11	1 49	11 43	2 4	24 14	0 49	20 45	0 37	13 7	2 32	12 46	0 29	9 7	0 54	4 27	17 0	23 27	23 27	10 49	17 28	5 57
T 7	22 38	2s20	4 59	25 0	1 39	12 7	2 4	24 16	0 49	20 47	0 37	13 6	2 32	12 46	0 29	9 7	0 54	4 27	17 0	23 27	23 27	10 52	17 28	5 57
W 8	22 44	8 10	4 24	24 48	1 29	12 31	2 3	24 17	0 50	20 49	0 37	13 5	2 31	12 45	0 29	9 7	0 54	4 27	17 0	23 27	23 27	10 55	17 28	5 57
T 9	22 50	13 38	3 30	24 35	1 17	12 54	2 3	24 18	0 50	20 52	0 37	13 4	2 31	12 44	0 29	9 7	0 54	4 27	16 59	23 27	23 27	10 57	17 28	5 57
F 10	22 56	18 19	2 22	24 21	1 4	13 17	2 2	24 18	0 51	20 54	0 37	13 4	2 31	12 44	0 29	9 6	0 54	4 27	16 59	23 27	23 27	11 0	17 27	5 57
S 11	23 1	21 47	1 4	24 6	0 50	13 40	2 2	24 19	0 51	20 56	0 37	13 3	2 31	12 43	0 29	9 6	0 54	4 27	16 59	23 27	23 27	11 2	17 27	5 57
S 12	23 6	23 44	0s17	23 51	0 34	14 3	2 1	24 19	0 51	20 58	0 37	13 2	2 31	12 43	0 29	9 6	0 54	4 27	16 59	23 27	23 27	11 5	17 27	5 57
M13	23 10	24 3	1 36	23 34	0 17	14 25	2 0	24 18	0 52	21 1	0 37	13 1	2 30	12 42	0 28	9 5	0 54	4 27	16 58	23 27	23 27	11 8	17 27	5 57
T 14	23 14	22 49	2 46	23 17	0n 1	14 47	1 59	24 18	0 52	21 3	0 37	13 1	2 30	12 42	0 28	9 5	0 54	4 27	16 58	23 27	23 27	11 10	17 27	5 57
W15	23 17	20 16	3 45	23 0	0 21	15 9	1 58	24 17	0 53	21 5	0 37	13 0	2 30	12 42	0 28	9 5	0 54	4 26	16 58	23 27	23 27	11 13	17 27	5 57
T 16	23 20	16 44	4 30	22 42	0 40	15 30	1 57	24 16	0 53	21 7	0 37	12 59	2 30	12 41	0 28	9 4	0 54	4 26	16 57	23 27	23 27	11 16	17 27	5 57
F 17	23 22	12 32	5 0	22 24	1 0	15 51	1 56	24 15	0 53	21 9	0 37	12 59	2 29	12 41	0 28	9 4	0 54	4 26	16 57	23 27	23 27	11 18	17 26	5 57
S 18	23 24	7 54	5 16	22 6	1 20	16 12	1 54	24 13	0 54	21 11	0 37	12 58	2 29	12 40	0 28	9 4	0 54	4 26	16 57	23 27	23 27	11 21	17 26	5 57
S 19	23 26	3 5	5 16	21 47	1 40	16 32	1 53	24 11	0 54	21 13	0 37	12 57	2 29	12 40	0 28	9 3	0 54	4 26	16 56	23 27	23 27	11 23	17 26	5 57
M20	23 27	1n48	5 3	21 30	1 58	16 52	1 52	24 9	0 54	21 15	0 37	12 57	2 29	12 40	0 28	9 3	0 54	4 26	16 56	23 27	23 27	11 26	17 26	5 57
T 21	23 27	6 34	4 37	21 13	2 14	17 11	1 50	24 7	0 55	21 18	0 37	12 56	2 28	12 39	0 28	9 3	0 54	4 26	16 56	23 27	23 27	11 29	17 26	5 57
W22	23 27	11 5	3 59	20 57	2 29	17 30	1 49	24 4	0 55	21 19	0 37	12 56	2 28	12 39	0 28	9 2	0 54	4 26	16 56	23 27	23 27	11 31	17 25	5 57
T 23	23 27	15 12	3 11	20 42	2 42	17 49	1 47	24 1	0 56	21 21	0 37	12 55	2 28	12 39	0 28	9 2	0 54	4 26	16 55	23 27	23 27	11 34	17 25	5 57
F 24	23 26	18 45	2 14	20 30	2 52	18 7	1 45	23 58	0 56	21 23	0 36	12 55	2 28	12 38	0 28	9 1	0 54	4 25	16 55	23 27	23 27	11 37	17 25	5 57
S 25	23 25	21 33	1 10	20 19	2 59	18 24	1 44	23 55	0 56	21 25	0 36	12 55	2 27	12 38	0 28	9 1	0 54	4 25	16 55	23 27	23 27	11 39	17 24	5 57
S 26	23 23	23 24	0 3	20 11	3 4	18 42	1 42	23 51	0 57	21 27	0 36	12 54	2 27	12 38	0 28	9 0	0 54	4 25	16 54	23 27	23 27	11 42	17 24	5 57
M27	23 21	24 7	1n 5	20 6	3 7	18 58	1 40	23 47	0 57	21 29	0 36	12 54	2 27	12 37	0 28	9 0	0 54	4 25	16 54	23 27	23 27	11 44	17 24	5 57
T 28	23 18	23 37	2 12	20 3	3 8	19 14	1 38	23 43	0 57	21 31	0 36	12 54	2 26	12 37	0 28	8 59	0 54	4 25	16 54	23 27	23 27	11 47	17 23	5 57
W29	23 15	21 52	3 13	20 2	3 7	19 30	1 36	23 38	0 57	21 33	0 36	12 53	2 26	12 37	0 28	8 59	0 54	4 24	16 53	23 27	23 27	11 50	17 23	5 57
T 30	23 11	18 56	4 5	20 4	3 4	19 45	1 34	23 33	0 58	21 34	0 36	12 53	2 26	12 37	0 28	8 58	0 54	4 24	16 53	23 27	23 27	11 52	17 23	5 57
F 31	23s 7	15n 0	4n44	20s 7	3n 0	20s 0	1n32	23s28	0s58	21s36	0n36	12n53	2s26	12n36	0s28	8s58	0s54	4s24	16s53	23n27	23n27	11n55	17s22	5n57

Julian Day Number = 2397823.5, Delta T = 10.17 sec
Ecliptic obliquity = 23°27'30, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°41'11, Lahiri = 21°48'11

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ASTRODIENST EPHEMERIS for the year 1853
geocentric

JANUARY 1853 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 42 14	10♑33'49	16♍ 2	20♐38	8♐16	16♑41	11♐52	11°R 9	4°R32	9♓12	29°R50	28°R41	28♊10	12♉ 8	6♑ 7	S 1
S 2	6 46 10	11°34'58	29°47	20°50	9°31	17°27	12° 5	11♉ 8	4♉32	9°14	29♈50	28♊40	28° 6	12°15	6°13	S 2
M 3	6 50 7	12°36'08	13♎44	21°10	10°45	18°14	12°17	11° 7	4°31	9°15	29°50	28°D40	28° 3	12°21	6°19	M 3
T 4	6 54 3	13°37'18	27°53	21°37	11°59	19° 0	12°30	11° 6	4°31	9°16	29°50	28°40	28° 0	12°28	6°26	T 4
W 5	6 58 0	14°38'29	12♏12	22°10	13°13	19°47	12°42	11° 5	4°30	9°18	29°50	28°41	27°57	12°35	6°32	W 5
T 6	7 1 57	15°39'39	26°38	22°49	14°27	20°34	12°55	11° 4	4°30	9°19	29°49	28°42	27°54	12°41	6°38	T 6
F 7	7 5 53	16°40'50	11♐ 8	23°34	15°41	21°20	13° 7	11° 3	4°30	9°21	29°49	28°43	27°50	12°48	6°44	F 7
S 8	7 9 50	17°42'00	25°37	24°23	16°56	22° 7	13°19	11° 3	4°29	9°22	29°49	28°R44	27°47	12°55	6°50	S 8
S 9	7 13 46	18°43'11	9♑59	25°16	18°10	22°54	13°32	11° 2	4°29	9°24	29°49	28°44	27°44	13° 1	6°56	S 9
M10	7 17 43	19°44'21	24° 9	26°12	19°24	23°40	13°44	11° 2	4°29	9°26	29°49	28°42	27°41	13° 8	7° 2	M10
T 11	7 21 39	20°45'31	8♒ 3	27°12	20°39	24°27	13°56	11° 2	4°29	9°27	29°49	28°40	27°38	13°15	7° 9	T 11
W12	7 25 36	21°46'40	21°37	28°15	21°53	25°14	14° 8	11°D 2	4°D29	9°29	29°49	28°36	27°35	13°21	7°15	W12
T 13	7 29 32	22°47'49	4♓49	29°21	23° 7	26° 1	14°20	11° 2	4°29	9°31	29°D49	28°32	27°31	13°28	7°21	T 13
F 14	7 33 29	23°48'56	17°39	0♑29	24°22	26°48	14°32	11° 2	4°29	9°32	29°49	28°29	27°28	13°35	7°27	F 14
S 15	7 37 26	24°50'04	0♈ 9	1°39	25°36	27°34	14°44	11° 2	4°29	9°34	29°49	28°25	27°25	13°41	7°33	S 15
S 16	7 41 22	25°51'10	12°22	2°51	26°50	28°21	14°55	11° 3	4°29	9°36	29°49	28°23	27°22	13°48	7°39	S 16
M17	7 45 19	26°52'15	24°23	4° 5	28° 5	29° 8	15° 7	11° 3	4°29	9°38	29°49	28°D22	27°19	13°55	7°45	M17
T 18	7 49 15	27°53'20	6♉15	5°21	29°19	29°55	15°19	11° 4	4°30	9°39	29°49	28°23	27°16	14° 2	7°51	T 18
W19	7 53 12	28°54'24	18° 5	6°38	0♑34	0♒42	15°30	11° 4	4°30	9°41	29°49	28°24	27°12	14° 8	7°56	W19
T 20	7 57 8	29°55'27	29°57	7°56	1°48	1°29	15°42	11° 5	4°30	9°43	29°49	28°26	27° 9	14°15	8° 2	T 20
F 21	8 1 5	0♒56'28	11♊55	9°16	3° 3	2°16	15°53	11° 6	4°31	9°45	29°49	28°28	27° 6	14°22	8° 8	F 21
S 22	8 5 1	1°57'29	24° 5	10°37	4°17	3° 3	16° 4	11° 7	4°31	9°47	29°50	28°R29	27° 3	14°28	8°14	S 22
S 23	8 8 58	2°58'30	6♋29	11°59	5°31	3°50	16°16	11° 8	4°32	9°49	29°50	28°28	27° 0	14°35	8°20	S 23
M24	8 12 55	3°59'29	19° 9	13°22	6°46	4°38	16°27	11°10	4°32	9°51	29°50	28°26	26°56	14°42	8°26	M24
T 25	8 16 51	5° 0'27	2♌ 7	14°46	8° 0	5°25	16°38	11°11	4°33	9°53	29°50	28°23	26°53	14°48	8°31	T 25
W26	8 20 48	6° 1'24	15°23	16°11	9°15	6°12	16°49	11°12	4°34	9°55	29°51	28°17	26°50	14°55	8°37	W26
T 27	8 24 44	7° 2'20	28°54	17°37	10°29	6°59	17° 0	11°14	4°34	9°56	29°51	28°11	26°47	15° 2	8°43	T 27
F 28	8 28 41	8° 3'15	12♍39	19° 4	11°44	7°46	17°10	11°16	4°35	9°58	29°51	28° 4	26°44	15° 8	8°48	F 28
S 29	8 32 37	9° 4'10	26°34	20°31	12°59	8°33	17°21	11°17	4°36	10° 0	29°52	27°58	26°41	15°15	8°54	S 29
S 30	8 36 34	10° 5'04	10♎35	22° 0	14°13	9°20	17°32	11°19	4°37	10° 3	29°52	27°53	26°37	15°22	8°59	S 30
M31	8 40 30	11♒ 5'56	24♎41	23♑29	15♑28	10♒ 8	17♐42	11♉21	4♉38	10♓ 5	29♈52	27♊50	26♊34	15♉28	9♑ 5	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 2	10n15	5n 9	20s13	2n55	20s14	1n30	23s23	0s58	21s38	0n36	12n53	2s25	12n36	0s28	8s57	0s54	4s24	16s52	23n27	23n27	11n57	17s22	5n57
S 2	22 57	4 55	5 16	20 20	2 49	20 27	1 27	23 17	0 59	21 40	0 36	12 53	2 25	12 36	0 28	8 57	0 54	4 24	16 52	23 27	23 27	12 0	17 22	5 57
M 3	22 52	0s44	5 6	20 28	2 42	20 40	1 25	23 11	0 59	21 41	0 36	12 53	2 25	12 36	0 28	8 56	0 54	4 23	16 51	23 27	23 27	12 3	17 21	5 58
T 4	22 46	6 25	4 36	20 37	2 34	20 53	1 23	23 5	0 59	21 43	0 36	12 53	2 24	12 36	0 28	8 56	0 54	4 23	16 51	23 27	23 27	12 5	17 21	5 58
W 5	22 39	11 52	3 50	20 48	2 26	21 4	1 20	22 59	0 59	21 45	0 36	12 53	2 24	12 36	0 28	8 55	0 54	4 23	16 51	23 27	23 27	12 8	17 20	5 58
T 6	22 32	16 41	2 48	20 58	2 18	21 16	1 18	22 52	1 0	21 46	0 36	12 53	2 24	12 36	0 28	8 54	0 54	4 22	16 50	23 27	23 26	12 10	17 20	5 58
F 7	22 25	20 33	1 36	21 9	2 9	21 26	1 16	22 45	1 0	21 48	0 36	12 53	2 24	12 36	0 28	8 54	0 54	4 22	16 50	23 27	23 26	12 13	17 20	5 58
S 8	22 17	23 6	0 17	21 21	2 0	21 36	1 13	22 38	1 0	21 49	0 36	12 53	2 23	12 36	0 28	8 53	0 54	4 22	16 50	23 27	23 26	12 16	17 19	5 58
S 9	22 9	24 6	1s 2	21 32	1 51	21 46	1 11	22 30	1 0	21 51	0 36	12 53	2 23	12 35	0 28	8 53	0 54	4 22	16 49	23 27	23 26	12 18	17 19	5 58
M10	22 0	23 31	2 16	21 43	1 41	21 54	1 8	22 23	1 1	21 52	0 36	12 53	2 23	12 35	0 28	8 52	0 54	4 21	16 49	23 27	23 26	12 21	17 18	5 59
T 11	21 51	21 29	3 20	21 54	1 32	22 2	1 5	22 15	1 1	21 54	0 36	12 54	2 22	12 35	0 28	8 51	0 54	4 21	16 49	23 27	23 26	12 23	17 18	5 59
W12	21 42	18 16	4 11	22 4	1 23	22 10	1 3	22 7	1 1	21 55	0 36	12 54	2 22	12 35	0 28	8 51	0 54	4 21	16 48	23 27	23 26	12 26	17 17	5 59
T 13	21 32	14 13	4 48	22 14	1 13	22 17	1 0	21 58	1 1	21 57	0 36	12 54	2 22	12 36	0 28	8 50	0 54	4 20	16 48	23 27	23 26	12 28	17 17	5 59
F 14	21 21	9 37	5 8	22 23	1 4	22 23	0 58	21 49	1 2	21 58	0 36	12 54	2 21	12 36	0 28	8 49	0 54	4 20	16 48	23 27	23 26	12 31	17 16	5 59
S 15	21 11	4 44	5 14	22 32	0 55	22 28	0 55	21 40	1 2	21 59	0 36	12 55	2 21	12 36	0 28	8 49	0 53	4 20	16 47	23 27	23 26	12 34	17 16	6 0
S 16	21 0	0n13	5 5	22 40	0 46	22 33	0 52	21 31	1 2	22 1	0 36	12 55	2 21	12 36	0 27	8 48	0 53	4 19	16 47	23 27	23 26	12 36	17 15	6 0
M17	20 48	5 5	4 42	22 47	0 37	22 37	0 49	21 22	1 2	22 2	0 36	12 56	2 21	12 36	0 27	8 47	0 53	4 19	16 46	23 27	23 26	12 39	17 15	6 0
T 18	20 36	9 43	4 8	22 53	0 28	22 41	0 47	21 12	1 2	22 3	0 36	12 56	2 20	12 36	0 27	8 47	0 53	4 19	16 46	23 27	23 26	12 41	17 14	6 0
W19	20 24	13 58	3 23	22 58	0 19	22 44	0 44	21 2	1 3	22 5	0 36	12 57	2 20	12 36	0 27	8 46	0 53	4 18	16 46	23 27	23 26	12 44	17 13	6 0
T 20	20 11	17 43	2 30	23 2	0 11	22 46	0 41	20 52	1 3	22 6	0 36	12 57	2 20	12 36	0 27	8 45	0 53	4 18	16 45	23 27	23 26	12 46	17 13	6 1
F 21	19 58	20 46	1 29	23 5	0 3	22 47	0 38	20 41	1 3	22 7	0 36	12 58	2 19	12 36	0 27	8 45	0 53	4 17	16 45	23 27	23 26	12 49	17 12	6 1
S 22	19 44	22 56	0 24	23 8	0s 6	22 48	0 36	20 31	1 3	22 8	0 36	12 58	2 19	12 37	0 27	8 44	0 53	4 17	16 45	23 27	23 26	12 52	17 12	6 1
S 23	19 31	24 2	0n44	23 8	0 13	22 48	0 33	20 20	1 3	22 9	0 36	12 59	2 19	12 37	0 27	8 43	0 53	4 17	16 44	23 27	23 25	12 54	17 11	6 1
M24	19 16	23 55	1 50	23 8	0 21	22 47	0 30	20 9	1 3	22 11	0 36	13 0	2 18	12 37	0 27	8 43	0 53	4 16	16 44	23 27	23 25	12 57	17 10	6 2
T 25	19 2	22 31	2 53	23 7	0 29	22 46	0 27	19 58	1 4	22 12	0 36	13 0	2 18	12 37	0 27	8 42	0 53	4 16	16 44	23 27	23 25	12 59	17 10	6 2
W26	18 47	19 51	3 47	23 4	0 36	22 44	0 24	19 46	1 4	22 13	0 36	13 1	2 18	12 38	0 27	8 41	0 53	4 15	16 43	23 27	23 25	13 2	17 9	6 2
T 27	18 32	16 5	4 30	23 1	0 43	22 41	0 21	19 34	1 4	22 14	0 36	13 2	2 18	12 38	0 27	8 40	0 53	4 15	16 43	23 27	23 25	13 4	17 8	6 3
F 28	18 16	11 25	4 58	22 56	0 50	22 38	0 19	19 22	1 4	22 15	0 36	13 3	2 17	12 38	0 27	8 40	0 53	4 14	16 42	23 27	23 25	13 7	17 8	6 3
S 29	18 0	6 6	5 9	22 49	0 57	22 34	0 16	19 10	1 4	22 16	0 36	13 3	2 17	12 38	0 27	8 39	0 53	4 14	16 42	23 27	23 25	13 10	17 7	6 3
S 30	17 44	0 26	5 2	22 42	1 3	22 29	0 13	18 58	1 4	22 17	0 36	13 4	2 17	12 39	0 27	8 38	0 53	4 14	16 42	23 26	23 25	13 12	17 6	6 4
M31	17s27	5s17	4n36	22s33	1s 9	22s24	0n10	18s45	1s 4	22s18	0n36	13n 5	2s16	12n39	0s27	8s37	0s53	4s13	16s41	23n26	23n25	13n15	17s 6	6n 4

Julian Day Number = 2397854.5, Delta T = 10.18 sec
Ecliptic obliquity = 23°27'30, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°41'15, Lahiri = 21°48'16

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ASTRODIENST EPHEMERIS for the year 1853
geocentric

FEBRUARY 1853 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 44 27	12♒ 6'49	8♏49	24♑59	16♑42	10♒55	17♐53	11♉24	4♉39	10♓ 7	29♈53	27°D48	26♊31	15♉35	9♑10	T 1
W 2	8 48 24	13° 7'40	22°57	26°30	17°57	11°42	18° 3	11°26	4°40	10° 9	29°53	27♊49	26°28	15°42	9°16	W 2
T 3	8 52 20	14° 8'30	7♐ 4	28° 1	19°11	12°29	18°13	11°28	4°41	10°11	29°54	27°50	26°25	15°48	9°21	T 3
F 4	8 56 17	15° 9'20	21° 8	29°34	20°26	13°17	18°23	11°31	4°42	10°13	29°54	27°R51	26°22	15°55	9°27	F 4
S 5	9 0 13	16°10'09	5♑ 8	1♒ 7	21°41	14° 4	18°34	11°33	4°43	10°15	29°54	27°51	26°18	16° 2	9°32	S 5
S 6	9 4 10	17°10'57	19° 2	2°41	22°55	14°51	18°43	11°36	4°45	10°17	29°55	27°49	26°15	16° 8	9°37	S 6
M 7	9 8 6	18°11'43	2♒47	4°16	24°10	15°39	18°53	11°39	4°46	10°19	29°56	27°44	26°12	16°15	9°43	M 7
T 8	9 12 3	19°12'28	16°20	5°51	25°24	16°26	19° 3	11°42	4°47	10°21	29°56	27°37	26° 9	16°22	9°48	T 8
W 9	9 16 0	20°13'12	29°39	7°27	26°39	17°13	19°13	11°44	4°49	10°24	29°57	27°28	26° 6	16°28	9°53	W 9
T 10	9 19 56	21°13'55	12♓42	9° 5	27°54	18° 1	19°22	11°48	4°50	10°26	29°57	27°18	26° 2	16°35	9°58	T 10
F 11	9 23 53	22°14'36	25°27	10°43	29° 8	18°48	19°31	11°51	4°52	10°28	29°58	27° 8	25°59	16°42	10° 3	F 11
S 12	9 27 49	23°15'15	7♈56	12°21	0♒23	19°35	19°41	11°54	4°53	10°30	29°58	26°59	25°56	16°48	10° 8	S 12
S 13	9 31 46	24°15'52	20° 9	14° 1	1°37	20°23	19°50	11°57	4°55	10°32	29°59	26°51	25°53	16°55	10°13	S 13
M14	9 35 42	25°16'28	2♉10	15°42	2°52	21°10	19°59	12° 1	4°56	10°34	29°59	26°46	25°50	17° 2	10°18	M14
T 15	9 39 39	26°17'03	14° 2	17°23	4° 7	21°57	20° 8	12° 4	4°58	10°37	0♉ 0	26°43	25°47	17° 9	10°23	T 15
W16	9 43 35	27°17'35	25°51	19° 5	5°21	22°45	20°17	12° 8	5° 0	10°39	0° 1	26°D42	25°43	17°15	10°27	W16
T 17	9 47 32	28°18'06	7♊42	20°49	6°36	23°32	20°25	12°12	5° 1	10°41	0° 2	26°42	25°40	17°22	10°32	T 17
F 18	9 51 28	29°18'35	19°40	22°33	7°50	24°19	20°34	12°16	5° 3	10°43	0° 3	26°43	25°37	17°29	10°37	F 18
S 19	9 55 25	0♓19'02	1♋51	24°18	9° 5	25° 7	20°42	12°20	5° 5	10°46	0° 3	26°R43	25°34	17°35	10°42	S 19
S 20	9 59 22	1°19'27	14°19	26° 4	10°20	25°54	20°51	12°24	5° 7	10°48	0° 4	26°42	25°31	17°42	10°46	S 20
M21	10 3 18	2°19'50	27° 8	27°51	11°34	26°42	20°59	12°28	5° 9	10°50	0° 5	26°38	25°27	17°49	10°51	M21
T 22	10 7 15	3°20'12	10♌20	29°39	12°49	27°29	21° 7	12°32	5°11	10°52	0° 6	26°31	25°24	17°55	10°55	T 22
W23	10 11 11	4°20'31	23°55	1♓28	14° 3	28°16	21°15	12°36	5°13	10°55	0° 7	26°22	25°21	18° 2	10°59	W23
T 24	10 15 8	5°20'49	7♍51	3°17	15°18	29° 4	21°22	12°41	5°15	10°57	0° 7	26°11	25°18	18° 9	11° 4	T 24
F 25	10 19 4	6°21'05	22° 4	5° 8	16°32	29°51	21°30	12°45	5°17	10°59	0° 8	26° 0	25°15	18°15	11° 8	F 25
S 26	10 23 1	7°21'20	6♎28	7° 0	17°47	0♓38	21°38	12°50	5°19	11° 1	0° 9	25°49	25°12	18°22	11°12	S 26
S 27	10 26 57	8°21'32	20°56	8°52	19° 2	1°26	21°45	12°54	5°21	11° 4	0°10	25°40	25° 8	18°29	11°16	S 27
M28	10 30 54	9♓21'43	5♏23	10♓46	20♒16	2♓13	21♐52	12♉59	5♉24	11♓ 6	0♉11	25♊34	25♊ 5	18♉35	11♑20	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17s11	10s45	3n54	22s23	1s15	22s17	0n 7	18s32	1s 4	22s19	0n36	13n 6	2s16	12n39	0s27	8s36	0s53	4s13	16s41	23n26	23n25	13n17	17s 5	6n 4	T 1
W 2	16 53	15 40	2 57	22 11	1 20	22 11	0 5	18 19	1 4	22 20	0 36	13 7	2 16	12 40	0 27	8 36	0 53	4 12	16 41	23 26	23 25	13 20	17 4	6 5	W 2
T 3	16 36	19 42	1 50	21 58	1 26	22 3	0 2	18 6	1 4	22 21	0 36	13 8	2 16	12 40	0 27	8 35	0 53	4 12	16 40	23 26	23 25	13 22	17 4	6 5	T 3
F 4	16 18	22 34	0 36	21 44	1 31	21 55	0s 1	17 53	1 5	22 22	0 36	13 9	2 15	12 41	0 27	8 34	0 53	4 11	16 40	23 26	23 25	13 25	17 3	6 5	F 4
S 5	16 0	24 1	0s39	21 29	1 36	21 46	0 4	17 39	1 5	22 23	0 36	13 10	2 15	12 41	0 27	8 33	0 53	4 11	16 40	23 26	23 24	13 27	17 2	6 6	S 5
S 6	15 42	23 57	1 52	21 12	1 40	21 37	0 6	17 25	1 5	22 23	0 35	13 11	2 15	12 42	0 27	8 32	0 53	4 10	16 39	23 26	23 24	13 30	17 2	6 6	S 6
M 7	15 23	22 25	2 57	20 54	1 44	21 27	0 9	17 11	1 5	22 24	0 35	13 12	2 14	12 42	0 27	8 32	0 53	4 10	16 39	23 26	23 24	13 32	17 1	6 6	M 7
T 8	15 4	19 37	3 50	20 34	1 48	21 16	0 12	16 57	1 5	22 25	0 35	13 14	2 14	12 42	0 27	8 31	0 53	4 9	16 39	23 26	23 24	13 35	17 0	6 7	T 8
W 9	14 45	15 49	4 31	20 13	1 51	21 5	0 14	16 43	1 5	22 26	0 35	13 15	2 14	12 43	0 27	8 30	0 53	4 9	16 38	23 26	23 24	13 38	16 59	6 7	W 9
T 10	14 26	11 21	4 56	19 50	1 54	20 53	0 17	16 28	1 5	22 27	0 35	13 16	2 14	12 43	0 27	8 29	0 53	4 8	16 38	23 26	23 24	13 40	16 59	6 7	T 10
F 11	14 6	6 28	5 5	19 27	1 57	20 40	0 20	16 14	1 5	22 27	0 35	13 17	2 13	12 44	0 27	8 28	0 53	4 8	16 38	23 26	23 24	13 43	16 58	6 8	F 11
S 12	13 47	1 27	5 0	19 1	2 0	20 27	0 22	15 59	1 5	22 28	0 35	13 18	2 13	12 45	0 27	8 27	0 53	4 7	16 37	23 25	23 24	13 45	16 57	6 8	S 12
S 13	13 27	3n33	4 41	18 35	2 2	20 13	0 25	15 44	1 5	22 29	0 35	13 20	2 13	12 45	0 27	8 27	0 53	4 7	16 37	23 25	23 24	13 48	16 56	6 9	S 13
M14	13 6	8 20	4 10	18 7	2 4	19 58	0 27	15 29	1 5	22 29	0 35	13 21	2 12	12 46	0 27	8 26	0 53	4 6	16 37	23 25	23 24	13 50	16 56	6 9	M14
T 15	12 46	12 45	3 28	17 37	2 5	19 43	0 30	15 14	1 5	22 30	0 35	13 22	2 12	12 46	0 27	8 25	0 53	4 6	16 36	23 25	23 23	13 53	16 55	6 10	T 15
W16	12 25	16 41	2 37	17 6	2 6	19 28	0 32	14 58	1 5	22 31	0 35	13 24	2 12	12 47	0 27	8 24	0 53	4 5	16 36	23 25	23 23	13 55	16 54	6 10	W16
T 17	12 4	19 58	1 40	16 34	2 6	19 12	0 34	14 42	1 5	22 31	0 35	13 25	2 12	12 47	0 27	8 23	0 53	4 4	16 36	23 25	23 23	13 58	16 53	6 10	T 17
F 18	11 43	22 26	0 38	16 0	2 6	18 55	0 37	14 27	1 5	22 32	0 35	13 27	2 11	12 48	0 26	8 22	0 53	4 4	16 35	23 25	23 23	14 0	16 52	6 11	F 18
S 19	11 22	23 54	0n27	15 25	2 6	18 38	0 39	14 11	1 5	22 33	0 35	13 28	2 11	12 49	0 26	8 22	0 53	4 3	16 35	23 25	23 23	14 3	16 52	6 11	S 19
S 20	11 1	24 13	1 32	14 48	2 5	18 20	0 41	13 55	1 5	22 33	0 35	13 30	2 11	12 49	0 26	8 21	0 53	4 3	16 35	23 25	23 23	14 5	16 51	6 12	S 20
M21	10 39	23 17	2 35	14 10	2 4	18 2	0 44	13 38	1 5	22 34	0 36	13 31	2 11	12 50	0 26	8 20	0 53	4 2	16 34	23 25	23 23	14 8	16 50	6 12	M21
T 22	10 17	21 2	3 30	13 31	2 2	17 43	0 46	13 22	1 5	22 34	0 36	13 33	2 10	12 51	0 26	8 19	0 53	4 2	16 34	23 25	23 23	14 10	16 49	6 13	T 22
W23	9 56	17 34	4 15	12 50	2 0	17 23	0 48	13 6	1 5	22 35	0 36	13 34	2 10	12 51	0 26	8 18	0 53	4 1	16 34	23 25	23 23	14 13	16 48	6 13	W23
T 24	9 33	13 4	4 47	12 8	1 57	17 4	0 50	12 49	1 5	22 35	0 36	13 36	2 10	12 52	0 26	8 17	0 53	4 1	16 34	23 24	23 23	14 15	16 47	6 14	T 24
F 25	9 11	7 46	5 1	11 24	1 54	16 43	0 52	12 32	1 5	22 36	0 36	13 37	2 10	12 53	0 26	8 16	0 53	4 0	16 33	23 24	23 22	14 18	16 47	6 14	F 25
S 26	8 49	1 58	4 57	10 40	1 50	16 22	0 54	12 16	1 4	22 36	0 36	13 39	2 9	12 54	0 26	8 16	0 53	4 0	16 33	23 24	23 22	14 20	16 46	6 15	S 26
S 27	8 27	3s57	4 33	9 53	1 46	16 1	0 56	11 59	1 4	22 37	0 36	13 41	2 9	12 54	0 26	8 15	0 53	3 59	16 33	23 23	23 22	14 23	16 45	6 15	S 27
M28	8s 4	9s40	3n53	9s 6	1s41	15s40	0s58	11s42	1s 4	22s37	0n36	13n42	2s 9	12n55	0s26	8s14	0s53	3s58	16s32	23n23	23n22	14n25	16s44	6n16	M28

Julian Day Number = 2397885.5, Delta T = 10.20 sec
Ecliptic obliquity = 23°27'31, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°41'20, Lahiri = 21°48'20

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ASTRODIENST EPHEMERIS for the year 1853
geocentric

MARCH 1853 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 34 51	10♓21'53	19♏44	12♓40	21♒31	3♓ 0	21♐59	13♉ 4	5♉26	11♓ 8	0♉12	25°R30	25♊ 2	18♉42	11♋25	T 1
W 2	10 38 47	11°22'01	3♐56	14°35	22°45	3°48	22° 6	13° 9	5°28	11°11	0°13	25♊28	24°59	18°49	11°28	W 2
T 3	10 42 44	12°22'08	17°57	16°31	24° 0	4°35	22°13	13°14	5°31	11°13	0°14	25°28	24°56	18°55	11°32	T 3
F 4	10 46 40	13°22'13	1♋48	18°27	25°14	5°22	22°20	13°19	5°33	11°15	0°15	25°28	24°53	19° 2	11°36	F 4
S 5	10 50 37	14°22'17	15°28	20°23	26°29	6°10	22°26	13°24	5°35	11°17	0°16	25°27	24°49	19° 9	11°40	S 5
S 6	10 54 33	15°22'19	28°57	22°20	27°44	6°57	22°32	13°29	5°38	11°20	0°17	25°23	24°46	19°15	11°44	S 6
M 7	10 58 30	16°22'19	12♒17	24°17	28°58	7°44	22°39	13°35	5°40	11°22	0°18	25°17	24°43	19°22	11°47	M 7
T 8	11 2 26	17°22'18	25°26	26°14	0♓13	8°32	22°45	13°40	5°43	11°24	0°19	25° 7	24°40	19°29	11°51	T 8
W 9	11 6 23	18°22'15	8♓24	28°10	1°27	9°19	22°50	13°45	5°45	11°27	0°20	24°55	24°37	19°35	11°54	W 9
T 10	11 10 20	19°22'09	21°10	0♈ 5	2°42	10° 6	22°56	13°51	5°48	11°29	0°21	24°41	24°33	19°42	11°58	T 10
F 11	11 14 16	20°22'02	3♈43	2° 0	3°56	10°53	23° 2	13°56	5°51	11°31	0°22	24°27	24°30	19°49	12° 1	F 11
S 12	11 18 13	21°21'53	16° 2	3°52	5°11	11°40	23° 7	14° 2	5°53	11°33	0°23	24°14	24°27	19°55	12° 4	S 12
S 13	11 22 9	22°21'41	28°10	5°43	6°25	12°28	23°12	14° 8	5°56	11°36	0°24	24° 3	24°24	20° 2	12° 8	S 13
M14	11 26 6	23°21'28	10♉ 8	7°32	7°40	13°15	23°17	14°14	5°59	11°38	0°26	23°55	24°21	20° 9	12°11	M14
T 15	11 30 2	24°21'12	21°59	9°18	8°54	14° 2	23°22	14°19	6° 2	11°40	0°27	23°49	24°18	20°15	12°14	T 15
W16	11 33 59	25°20'54	3♊46	11° 1	10° 9	14°49	23°27	14°25	6° 4	11°42	0°28	23°46	24°14	20°22	12°17	W16
T 17	11 37 55	26°20'34	15°36	12°40	11°23	15°36	23°32	14°31	6° 7	11°44	0°29	23°45	24°11	20°29	12°20	T 17
F 18	11 41 52	27°20'12	27°32	14°15	12°38	16°23	23°36	14°37	6°10	11°47	0°30	23°45	24° 8	20°35	12°22	F 18
S 19	11 45 49	28°19'47	9♋41	15°45	13°52	17°10	23°40	14°44	6°13	11°49	0°31	23°44	24° 5	20°42	12°25	S 19
S 20	11 49 45	29°19'21	22° 8	17°10	15° 7	17°58	23°44	14°50	6°16	11°51	0°33	23°43	24° 2	20°49	12°28	S 20
M21	11 53 42	0♈18'51	4♌57	18°30	16°21	18°45	23°48	14°56	6°19	11°53	0°34	23°39	23°59	20°55	12°30	M21
T 22	11 57 38	1°18'20	18°13	19°44	17°35	19°32	23°52	15° 2	6°22	11°55	0°35	23°33	23°55	21° 2	12°33	T 22
W23	12 1 35	2°17'46	1♍57	20°51	18°50	20°19	23°55	15° 9	6°25	11°58	0°36	23°24	23°52	21° 9	12°35	W23
T 24	12 5 31	3°17'10	16° 7	21°52	20° 4	21° 6	23°59	15°15	6°28	12° 0	0°38	23°13	23°49	21°15	12°38	T 24
F 25	12 9 28	4°16'32	0♎39	22°47	21°19	21°52	24° 2	15°21	6°31	12° 2	0°39	23° 1	23°46	21°22	12°40	F 25
S 26	12 13 24	5°15'52	15°27	23°34	22°33	22°39	24° 5	15°28	6°34	12° 4	0°40	22°50	23°43	21°29	12°42	S 26
S 27	12 17 21	6°15'09	0♏21	24°14	23°47	23°26	24° 8	15°35	6°37	12° 6	0°41	22°41	23°39	21°35	12°44	S 27
M28	12 21 17	7°14'25	15°13	24°47	25° 2	24°13	24°10	15°41	6°40	12° 8	0°43	22°34	23°36	21°42	12°46	M28
T 29	12 25 14	8°13'39	29°56	25°13	26°16	25° 0	24°13	15°48	6°43	12°10	0°44	22°30	23°33	21°49	12°48	T 29
W30	12 29 11	9°12'52	14♐23	25°31	27°30	25°47	24°15	15°54	6°46	12°13	0°45	22°28	23°30	21°55	12°50	W30
T 31	12 33 7	10♈12'02	28♐33	25♈41	28♓45	26♓34	24♐17	16♉ 1	6♉49	12♓15	0♉46	22°D28	23♊27	22♉ 2	12♋52	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s41	14s50	2n57	8s17	1s36	15s17	1s 0	11s24	1s 4	22s37	0n36	13n44	2s 9	12n56	0s26	8s13	0s53	3s58	16s32	23n23	23n22	14n28	16s43	6n16
W 2	7 18	19 8	1 52	7 27	1 30	14 55	1 2	11 7	1 4	22 38	0 36	13 46	2 8	12 57	0 26	8 12	0 53	3 57	16 32	23 23	23 22	14 30	16 43	6 17
T 3	6 56	22 15	0 40	6 36	1 23	14 32	1 4	10 50	1 4	22 38	0 36	13 47	2 8	12 58	0 26	8 11	0 53	3 57	16 32	23 23	23 22	14 33	16 42	6 17
F 4	6 33	24 0	0s33	5 45	1 16	14 9	1 5	10 32	1 4	22 39	0 36	13 49	2 8	12 58	0 26	8 10	0 53	3 56	16 31	23 23	23 22	14 35	16 41	6 18
S 5	6 9	24 17	1 44	4 52	1 9	13 45	1 7	10 15	1 4	22 39	0 36	13 51	2 8	12 59	0 26	8 10	0 53	3 56	16 31	23 23	23 21	14 38	16 40	6 18
S 6	5 46	23 7	2 47	3 58	1 0	13 21	1 8	9 57	1 4	22 39	0 36	13 52	2 7	13 0	0 26	8 9	0 53	3 55	16 31	23 23	23 21	14 40	16 39	6 19
M 7	5 23	20 39	3 40	3 3	0 51	12 56	1 10	9 39	1 3	22 40	0 36	13 54	2 7	13 1	0 26	8 8	0 53	3 54	16 31	23 22	23 21	14 43	16 38	6 19
T 8	5 0	17 9	4 21	2 8	0 42	12 31	1 11	9 21	1 3	22 40	0 36	13 56	2 7	13 2	0 26	8 7	0 53	3 54	16 30	23 22	23 21	14 45	16 38	6 20
W 9	4 36	12 52	4 48	1 13	0 32	12 6	1 13	9 4	1 3	22 40	0 36	13 58	2 7	13 3	0 26	8 6	0 53	3 53	16 30	23 22	23 21	14 48	16 37	6 20
T 10	4 13	8 5	4 59	0 17	0 21	11 41	1 14	8 46	1 3	22 41	0 36	14 0	2 6	13 3	0 26	8 5	0 53	3 53	16 30	23 21	23 21	14 50	16 36	6 21
F 11	3 49	3 3	4 56	0n38	0 10	11 15	1 16	8 27	1 3	22 41	0 36	14 2	2 6	13 4	0 26	8 4	0 54	3 52	16 30	23 21	23 21	14 53	16 35	6 21
S 12	3 26	2n 1	4 39	1 34	0n 1	10 49	1 17	8 9	1 3	22 41	0 36	14 3	2 6	13 5	0 26	8 4	0 54	3 51	16 29	23 20	23 21	14 55	16 34	6 22
S 13	3 2	6 57	4 9	2 29	0 13	10 22	1 18	7 51	1 2	22 41	0 36	14 5	2 6	13 6	0 26	8 3	0 54	3 51	16 29	23 20	23 20	14 58	16 33	6 23
M14	2 38	11 34	3 29	3 23	0 25	9 55	1 19	7 33	1 2	22 42	0 36	14 7	2 6	13 7	0 26	8 2	0 54	3 50	16 29	23 19	23 20	15 0	16 32	6 23
T 15	2 15	15 42	2 40	4 16	0 38	9 29	1 20	7 14	1 2	22 42	0 36	14 9	2 5	13 8	0 26	8 1	0 54	3 50	16 29	23 19	23 20	15 3	16 32	6 24
W16	1 51	19 14	1 44	5 8	0 50	9 1	1 21	6 56	1 2	22 42	0 36	14 11	2 5	13 9	0 26	8 0	0 54	3 49	16 28	23 19	23 20	15 5	16 31	6 24
T 17	1 27	21 58	0 43	5 59	1 3	8 34	1 22	6 38	1 2	22 42	0 36	14 13	2 5	13 10	0 26	7 59	0 54	3 49	16 28	23 19	23 20	15 7	16 30	6 25
F 18	1 4	23 46	0n20	6 47	1 16	8 6	1 23	6 19	1 1	22 43	0 36	14 15	2 5	13 11	0 26	7 59	0 54	3 48	16 28	23 19	23 20	15 10	16 29	6 25
S 19	0 40	24 29	1 23	7 34	1 29	7 38	1 24	6 1	1 1	22 43	0 36	14 17	2 5	13 12	0 26	7 58	0 54	3 47	16 28	23 19	23 20	15 12	16 28	6 26
S 20	0 16	24 1	2 24	8 18	1 41	7 10	1 24	5 42	1 1	22 43	0 36	14 19	2 4	13 13	0 26	7 57	0 54	3 47	16 28	23 19	23 19	15 15	16 27	6 27
M21	0n 8	22 16	3 20	9 0	1 53	6 42	1 25	5 23	1 1	22 43	0 36	14 21	2 4	13 14	0 26	7 56	0 54	3 46	16 27	23 18	23 19	15 17	16 27	6 27
T 22	0 31	19 17	4 6	9 39	2 5	6 13	1 26	5 5	1 0	22 43	0 36	14 23	2 4	13 15	0 26	7 55	0 54	3 46	16 27	23 18	23 19	15 20	16 26	6 28
W23	0 55	15 9	4 40	10 15	2 16	5 45	1 26	4 46	1 0	22 43	0 36	14 25	2 4	13 16	0 26	7 54	0 54	3 45	16 27	23 18	23 19	15 22	16 25	6 28
T 24	1 18	10 4	4 59	10 48	2 27	5 16	1 27	4 27	1 0	22 44	0 36	14 27	2 4	13 17	0 26	7 54	0 54	3 45	16 27	23 17	23 19	15 25	16 24	6 29
F 25	1 42	4 18	4 58	11 17	2 37	4 47	1 27	4 8	1 0	22 44	0 36	14 29	2 3	13 18	0 26	7 53	0 54	3 44	16 27	23 16	23 19	15 27	16 23	6 30
S 26	2 6	1s48	4 38	11 43	2 46	4 18	1 27	3 50	0 59	22 44	0 36	14 31	2 3	13 19	0 26	7 52	0 54	3 43	16 27	23 16	23 19	15 29	16 23	6 30
S 27	2 29	7 52	3 59	12 6	2 54	3 49	1 28	3 31	0 59	22 44	0 36	14 33	2 3	13 20	0 26	7 51	0 54	3 43	16 26	23 15	23 18	15 32	16 22	6 31
M28	2 53	13 29	3 4	12 25	3 1	3 19	1 28	3 12	0 59	22 44	0 36	14 35	2 3	13 21	0 26	7 51	0 54	3 42	16 26	23 15	23 18	15 34	16 21	6 31
T 29	3 16	18 15	1 57	12 39	3 7	2 50	1 28	2 53	0 59	22 44	0 36	14 37	2 3	13 22	0 26	7 50	0 54	3 42	16 26	23 15	23 18	15 37	16 20	6 32
W30	3 39	21 50	0 43	12 51	3 11	2 20	1 28	2 34	0 58	22 44	0 36	14 39	2 3	13 23	0 26	7 49	0 54	3 41	16 26	23 15	23 18	15 39	16 19	6 33
T 31	4n 3	23s59	0s32	12n58	3n15	1s51	1s28	2s15	0s58	22s44	0n36	14n42	2s 2	13n24	0s26	7s48	0s54	3s41	16s26	23n15	23n18	15n42	16s19	6n33

Julian Day Number = 2397913.5, Delta T = 10.22 sec
Ecliptic obliquity = 23°27'32, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°41'23, Lahiri = 21°48'24

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1853
geocentric

APRIL 1853 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 37 4	11♈11'11	12♉24	25°R45	29♓59	27♓20	24♐19	16♉ 8	6♉52	12♓17	0♉48	22°R28	23♊24	22♉ 9	12♉54	F 1
S 2	12 41 0	12°10'18	25°57	25♈42	1♈13	28° 7	24°21	16°15	6°56	12°19	0°49	22♊28	23°20	22°15	12°55	S 2
S 3	12 44 57	13° 9'24	9♒14	25°32	2°28	28°54	24°22	16°22	6°59	12°21	0°50	22°25	23°17	22°22	12°57	S 3
M 4	12 48 53	14° 8'27	22°17	25°15	3°42	29°40	24°24	16°29	7° 2	12°23	0°52	22°20	23°14	22°29	12°58	M 4
T 5	12 52 50	15° 7'29	5♓ 7	24°53	4°56	0♈27	24°25	16°36	7° 5	12°25	0°53	22°12	23°11	22°35	12°59	T 5
W 6	12 56 46	16° 6'28	17°45	24°25	6°10	1°14	24°26	16°43	7° 9	12°27	0°54	22° 1	23° 8	22°42	13° 1	W 6
T 7	13 0 43	17° 5'26	0♈13	23°53	7°25	2° 0	24°27	16°50	7°12	12°29	0°56	21°50	23° 4	22°49	13° 2	T 7
F 8	13 4 40	18° 4'22	12°30	23°16	8°39	2°47	24°27	16°57	7°15	12°31	0°57	21°38	23° 1	22°55	13° 3	F 8
S 9	13 8 36	19° 3'16	24°38	22°36	9°53	3°33	24°28	17° 4	7°19	12°33	0°58	21°26	22°58	23° 2	13° 4	S 9
S 10	13 12 33	20° 2'08	6♉38	21°54	11° 7	4°20	24°28	17°11	7°22	12°34	1° 0	21°16	22°55	23° 9	13° 5	S 10
M11	13 16 29	21° 0'58	18°31	21°10	12°22	5° 6	24°R28	17°18	7°25	12°36	1° 1	21° 9	22°52	23°15	13° 6	M11
T 12	13 20 26	21°59'46	0♊19	20°25	13°36	5°53	24°28	17°26	7°29	12°38	1° 2	21° 4	22°49	23°22	13° 7	T 12
W13	13 24 22	22°58'31	12° 6	19°40	14°50	6°39	24°28	17°33	7°32	12°40	1° 4	21° 2	22°45	23°29	13° 7	W13
T 14	13 28 19	23°57'15	23°55	18°56	16° 4	7°25	24°27	17°40	7°35	12°42	1° 5	21°D 1	22°42	23°35	13° 8	T 14
F 15	13 32 15	24°55'56	5♋50	18°14	17°18	8°12	24°26	17°48	7°39	12°44	1° 7	21° 2	22°39	23°42	13° 9	F 15
S 16	13 36 12	25°54'35	17°58	17°35	18°33	8°58	24°25	17°55	7°42	12°46	1° 8	21° 3	22°36	23°49	13° 9	S 16
S 17	13 40 9	26°53'12	0♌22	16°58	19°47	9°44	24°24	18° 2	7°46	12°47	1° 9	21°R 3	22°33	23°55	13° 9	S 17
M18	13 44 5	27°51'47	13° 9	16°24	21° 1	10°30	24°23	18°10	7°49	12°49	1°11	21° 2	22°30	24° 2	13°10	M18
T 19	13 48 2	28°50'19	26°21	15°55	22°15	11°16	24°22	18°17	7°52	12°51	1°12	20°59	22°26	24° 9	13°10	T 19
W20	13 51 58	29°48'49	10♍ 2	15°30	23°29	12° 2	24°20	18°25	7°56	12°52	1°14	20°54	22°23	24°15	13°10	W20
T 21	13 55 55	0♉47'17	24°13	15°10	24°43	12°48	24°18	18°32	7°59	12°54	1°15	20°47	22°20	24°22	13°R10	T 21
F 22	13 59 51	1°45'43	8♎49	14°54	25°57	13°34	24°16	18°40	8° 3	12°56	1°16	20°39	22°17	24°29	13°10	F 22
S 23	14 3 48	2°44'07	23°46	14°43	27°11	14°20	24°14	18°47	8° 6	12°57	1°18	20°32	22°14	24°35	13°10	S 23
S 24	14 7 44	3°42'29	8♏55	14°38	28°25	15° 6	24°12	18°55	8°10	12°59	1°19	20°26	22°10	24°42	13° 9	S 24
M25	14 11 41	4°40'49	24° 5	14°D37	29°39	15°52	24° 9	19° 2	8°13	13° 1	1°20	20°21	22° 7	24°49	13° 9	M25
T 26	14 15 38	5°39'08	9♐ 8	14°41	0♉53	16°38	24° 6	19°10	8°17	13° 2	1°22	20°19	22° 4	24°55	13° 9	T 26
W27	14 19 34	6°37'25	23°54	14°50	2° 7	17°24	24° 3	19°18	8°20	13° 4	1°23	20°D19	22° 1	25° 2	13° 8	W27
T 28	14 23 31	7°35'41	8♑19	15° 4	3°21	18°10	24° 0	19°25	8°23	13° 5	1°25	20°19	21°58	25° 9	13° 8	T 28
F 29	14 27 27	8°33'55	22°21	15°23	4°35	18°55	23°57	19°33	8°27	13° 7	1°26	20°21	21°55	25°15	13° 7	F 29
S 30	14 31 24	9♉32'07	5♒59	15♈45	5♉49	19♈41	23♐54	19♉41	8♉30	13♓ 8	1♉27	20°R22	21♊51	25♉22	13♑ 6	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n26	24s36	1s44	13n 1	3n17	1s21	1s28	1s56	0s58	22s44	0n36	14n44	2s 2	13n25	0s26	7s47	0s54	3s40	16s26	23n15	23n18	15n44	16s18	6n34
S 2	4 49	23 43	2 48	13 0	3 17	0 51	1 28	1 38	0 57	22 45	0 36	14 46	2 2	13 26	0 26	7 47	0 54	3 39	16 26	23 15	23 17	15 46	16 17	6 35
S 3	5 12	21 31	3 42	12 55	3 16	0 22	1 28	1 19	0 57	22 45	0 36	14 48	2 2	13 27	0 26	7 46	0 54	3 39	16 26	23 14	23 17	15 49	16 16	6 35
M 4	5 35	18 14	4 22	12 47	3 14	0n 8	1 27	1 0	0 57	22 45	0 36	14 50	2 2	13 28	0 25	7 45	0 54	3 38	16 25	23 14	23 17	15 51	16 16	6 36
T 5	5 58	14 8	4 49	12 35	3 10	0 38	1 27	0 41	0 56	22 45	0 36	14 52	2 2	13 29	0 25	7 44	0 54	3 38	16 25	23 14	23 17	15 54	16 15	6 36
W 6	6 20	9 28	5 2	12 19	3 4	1 8	1 27	0 22	0 56	22 45	0 36	14 54	2 1	13 30	0 25	7 44	0 54	3 37	16 25	23 13	23 17	15 56	16 14	6 37
T 7	6 43	4 30	4 59	12 0	2 56	1 37	1 26	0 3	0 56	22 45	0 36	14 56	2 1	13 32	0 25	7 43	0 54	3 37	16 25	23 12	23 17	15 59	16 13	6 38
F 8	7 6	0n36	4 43	11 38	2 47	2 7	1 26	0n16	0 55	22 45	0 36	14 58	2 1	13 33	0 25	7 42	0 54	3 36	16 25	23 12	23 16	16 1	16 13	6 38
S 9	7 28	5 37	4 14	11 14	2 37	2 37	1 25	0 34	0 55	22 45	0 36	15 1	2 1	13 34	0 25	7 42	0 54	3 36	16 25	23 11	23 16	16 3	16 12	6 39
S 10	7 50	10 22	3 34	10 47	2 25	3 6	1 25	0 53	0 55	22 45	0 36	15 3	2 1	13 35	0 25	7 41	0 54	3 35	16 25	23 10	23 16	16 6	16 11	6 40
M11	8 12	14 43	2 45	10 18	2 12	3 36	1 24	1 12	0 54	22 45	0 36	15 5	2 1	13 36	0 25	7 40	0 54	3 35	16 25	23 10	23 16	16 8	16 10	6 40
T 12	8 34	18 28	1 49	9 49	1 58	4 6	1 23	1 31	0 54	22 45	0 36	15 7	2 1	13 37	0 25	7 39	0 54	3 34	16 25	23 9	23 16	16 11	16 10	6 41
W13	8 56	21 28	0 48	9 18	1 43	4 35	1 22	1 50	0 53	22 45	0 36	15 9	2 1	13 38	0 25	7 39	0 54	3 34	16 25	23 9	23 16	16 13	16 9	6 41
T 14	9 18	23 35	0n16	8 47	1 28	5 4	1 21	2 8	0 53	22 45	0 36	15 11	2 0	13 39	0 25	7 38	0 54	3 33	16 25	23 9	23 15	16 15	16 8	6 42
F 15	9 40	24 38	1 19	8 16	1 12	5 34	1 21	2 27	0 53	22 45	0 36	15 13	2 0	13 40	0 25	7 37	0 54	3 33	16 24	23 9	23 15	16 18	16 8	6 43
S 16	10 1	24 33	2 20	7 45	0 55	6 3	1 20	2 45	0 52	22 45	0 36	15 16	2 0	13 41	0 25	7 37	0 54	3 32	16 24	23 9	23 15	16 20	16 7	6 43
S 17	10 22	23 16	3 15	7 15	0 38	6 32	1 19	3 4	0 52	22 45	0 36	15 18	2 0	13 43	0 25	7 36	0 54	3 32	16 24	23 9	23 15	16 22	16 6	6 44
M18	10 43	20 46	4 3	6 47	0 21	7 1	1 17	3 22	0 51	22 45	0 36	15 20	2 0	13 44	0 25	7 35	0 54	3 31	16 24	23 9	23 15	16 25	16 6	6 45
T 19	11 4	17 7	4 40	6 20	0 5	7 29	1 16	3 41	0 51	22 45	0 36	15 22	2 0	13 45	0 25	7 35	0 54	3 31	16 24	23 9	23 15	16 27	16 5	6 45
W20	11 25	12 28	5 2	5 56	0s12	7 58	1 15	3 59	0 50	22 45	0 36	15 24	2 0	13 46	0 25	7 34	0 54	3 30	16 24	23 9	23 14	16 30	16 4	6 46
T 21	11 45	7 0	5 7	5 33	0 28	8 26	1 14	4 18	0 50	22 45	0 36	15 26	2 0	13 47	0 25	7 34	0 54	3 30	16 24	23 8	23 14	16 32	16 4	6 47
F 22	12 6	0 59	4 52	5 13	0 43	8 54	1 12	4 36	0 50	22 44	0 36	15 29	2 0	13 48	0 25	7 33	0 54	3 29	16 24	23 8	23 14	16 34	16 3	6 47
S 23	12 26	5s14	4 18	4 55	0 58	9 22	1 11	4 54	0 49	22 44	0 36	15 31	1 59	13 49	0 25	7 32	0 55	3 29	16 24	23 7	23 14	16 37	16 3	6 48
S 24	12 46	11 15	3 25	4 40	1 12	9 50	1 10	5 12	0 49	22 44	0 36	15 33	1 59	13 50	0 25	7 32	0 55	3 28	16 24	23 7	23 14	16 39	16 2	6 48
M25	13 6	16 36	2 17	4 27	1 26	10 18	1 8	5 30	0 48	22 44	0 36	15 35	1 59	13 52	0 25	7 31	0 55	3 28	16 24	23 6	23 13	16 41	16 1	6 49
T 26	13 25	20 51	1 0	4 17	1 38	10 45	1 7	5 48	0 48	22 44	0 36	15 37	1 59	13 53	0 25	7 31	0 55	3 27	16 24	23 6	23 13	16 44	16 1	6 50
W27	13 44	23 39	0s19	4 9	1 50	11 12	1 5	6 6	0 47	22 44	0 36	15 39	1 59	13 54	0 25	7 30	0 55	3 27	16 24	23 6	23 13	16 46	16 0	6 50
T 28	14 3	24 48	1 36	4 4	2 1	11 39	1 3	6 24	0 47	22 44	0 36	15 41	1 59	13 55	0 25	7 29	0 55	3 27	16 24	23 6	23 13	16 48	16 0	6 51
F 29	14 22	24 19	2 45	4 2	2 12	12 5	1 2	6 42	0 46	22 44	0 36	15 44	1 59	13 56	0 25	7 29	0 55	3 26	16 24	23 6	23 13	16 51	15 59	6 51
S 30	14n41	22s23	3s42	4n 2	2s21	12n32	1s 0	7n 0	0s46	22s44	0n35	15n46	1s59	13n57	0s25	7s28	0s55	3s26	16s24	23n 6	23n12	16n53	15s59	6n52

Julian Day Number = 2397944.5, Delta T = 10.23 sec
Ecliptic obliquity = 23°27'32, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°41'28, Lahiri = 21°48'28

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ASTRODIENST EPHEMERIS for the year 1853
geocentric

MAY 1853 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 20	10♉30'18	19♒15	16♈13	7♉ 3	20♈27	23°R50	19♉48	8♉34	13♓10	1♉29	20°R21	21♊48	25♉29	13°R 5	S 1
M 2	14 39 17	11°28'28	2♓12	16°44	8°17	21°12	23♐46	19°56	8°37	13°11	1°30	20♊19	21°45	25°35	13♑ 4	M 2
T 3	14 43 13	12°26'36	14°51	17°20	9°31	21°58	23°42	20° 4	8°41	13°12	1°31	20°16	21°42	25°42	13° 3	T 3
W 4	14 47 10	13°24'42	27°17	17°59	10°45	22°43	23°38	20°11	8°44	13°14	1°33	20°11	21°39	25°49	13° 2	W 4
T 5	14 51 7	14°22'48	9♈31	18°42	11°59	23°29	23°34	20°19	8°48	13°15	1°34	20° 5	21°36	25°55	13° 1	T 5
F 6	14 55 3	15°20'51	21°36	19°29	13°13	24°14	23°29	20°27	8°51	13°16	1°35	19°58	21°32	26° 2	13° 0	F 6
S 7	14 59 0	16°18'53	3♉33	20°19	14°27	24°59	23°25	20°35	8°55	13°18	1°37	19°52	21°29	26° 9	12°59	S 7
S 8	15 2 56	17°16'54	15°25	21°12	15°41	25°45	23°20	20°42	8°58	13°19	1°38	19°47	21°26	26°15	12°57	S 8
M 9	15 6 53	18°14'53	27°14	22° 9	16°55	26°30	23°15	20°50	9° 1	13°20	1°39	19°44	21°23	26°22	12°56	M 9
T 10	15 10 49	19°12'50	9♊ 1	23° 9	18° 9	27°15	23°10	20°58	9° 5	13°21	1°41	19°41	21°20	26°28	12°54	T 10
W11	15 14 46	20°10'46	20°50	24°11	19°23	28° 0	23° 5	21° 6	9° 8	13°23	1°42	19°D41	21°16	26°35	12°53	W11
T 12	15 18 42	21° 8'40	2♋42	25°17	20°37	28°45	23° 0	21°13	9°12	13°24	1°43	19°42	21°13	26°42	12°51	T 12
F 13	15 22 39	22° 6'33	14°41	26°25	21°51	29°30	22°54	21°21	9°15	13°25	1°45	19°43	21°10	26°48	12°49	F 13
S 14	15 26 36	23° 4'24	26°51	27°36	23° 5	0♉15	22°49	21°29	9°18	13°26	1°46	19°45	21° 7	26°55	12°47	S 14
S 15	15 30 32	24° 2'13	9♌17	28°50	24°18	1° 0	22°43	21°37	9°22	13°27	1°47	19°46	21° 4	27° 2	12°46	S 15
M16	15 34 29	25° 0'00	22° 1	0♉ 7	25°32	1°45	22°37	21°44	9°25	13°28	1°49	19°R47	21° 1	27° 8	12°44	M16
T 17	15 38 25	25°57'46	5♍ 9	1°25	26°46	2°30	22°31	21°52	9°29	13°29	1°50	19°47	20°57	27°15	12°42	T 17
W18	15 42 22	26°55'30	18°43	2°47	28° 0	3°15	22°25	22° 0	9°32	13°30	1°51	19°45	20°54	27°22	12°39	W18
T 19	15 46 18	27°53'12	2♎45	4°10	29°14	3°59	22°19	22° 8	9°35	13°31	1°52	19°43	20°51	27°28	12°37	T 19
F 20	15 50 15	28°50'53	17°13	5°37	0♊27	4°44	22°12	22°15	9°39	13°32	1°54	19°41	20°48	27°35	12°35	F 20
S 21	15 54 11	29°48'32	2♏ 4	7° 5	1°41	5°29	22° 6	22°23	9°42	13°33	1°55	19°38	20°45	27°42	12°33	S 21
S 22	15 58 8	0♊46'10	17°10	8°36	2°55	6°13	21°59	22°31	9°45	13°33	1°56	19°36	20°41	27°48	12°30	S 22
M23	16 2 5	1°43'46	2♐24	10°10	4° 9	6°58	21°53	22°39	9°48	13°34	1°57	19°34	20°38	27°55	12°28	M23
T 24	16 6 1	2°41'22	17°34	11°45	5°23	7°42	21°46	22°46	9°52	13°35	1°59	19°D34	20°35	28° 2	12°25	T 24
W25	16 9 58	3°38'56	2♑33	13°23	6°36	8°27	21°39	22°54	9°55	13°36	2° 0	19°34	20°32	28° 8	12°23	W25
T 26	16 13 54	4°36'29	17°12	15° 4	7°50	9°11	21°32	23° 2	9°58	13°36	2° 1	19°35	20°29	28°15	12°20	T 26
F 27	16 17 51	5°34'02	1♒26	16°47	9° 4	9°55	21°25	23° 9	10° 1	13°37	2° 2	19°36	20°26	28°22	12°18	F 27
S 28	16 21 47	6°31'33	15°15	18°32	10°18	10°40	21°18	23°17	10° 5	13°38	2° 3	19°37	20°22	28°28	12°15	S 28
S 29	16 25 44	7°29'04	28°37	20°19	11°31	11°24	21°11	23°24	10° 8	13°38	2° 5	19°38	20°19	28°35	12°12	S 29
M30	16 29 40	8°26'33	11♓35	22° 9	12°45	12° 8	21° 3	23°32	10°11	13°39	2° 6	19°R38	20°16	28°42	12° 9	M30
T 31	16 33 37	9♊24'02	24♓13	24♉ 1	13♊59	12♉52	20♐56	23♉40	10♉14	13♓39	2♉ 7	19♊37	20♊13	28♉48	12♑ 6	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n59	19s16	4s26	4n 5	2s30	12n58	0s58	7n17	0s45	22s43	0n35	15n48	1s59	13n58	0s25	7s28	0s55	3s25	16s24	23n 6	23n12	16n55	15s58	6n53
M 2	15 17	15 17	4 55	4 9	2 38	13 23	0 57	7 35	0 45	22 43	0 35	15 50	1 59	13 59	0 25	7 27	0 55	3 25	16 24	23 6	23 12	16 58	15 58	6 53
T 3	15 35	10 43	5 9	4 17	2 44	13 49	0 55	7 52	0 44	22 43	0 35	15 52	1 59	14 0	0 25	7 27	0 55	3 25	16 24	23 6	23 12	17 0	15 57	6 54
W 4	15 53	5 48	5 8	4 26	2 51	14 14	0 53	8 10	0 44	22 43	0 35	15 54	1 59	14 2	0 25	7 26	0 55	3 24	16 24	23 6	23 12	17 2	15 57	6 54
T 5	16 10	0 43	4 53	4 37	2 56	14 38	0 51	8 27	0 43	22 43	0 35	15 56	1 58	14 3	0 25	7 26	0 55	3 24	16 25	23 5	23 12	17 5	15 56	6 55
F 6	16 27	4n19	4 25	4 51	3 0	15 3	0 49	8 44	0 43	22 43	0 35	15 58	1 58	14 4	0 25	7 25	0 55	3 23	16 25	23 5	23 11	17 7	15 56	6 56
S 7	16 44	9 10	3 46	5 6	3 4	15 26	0 47	9 1	0 42	22 43	0 35	16 0	1 58	14 5	0 25	7 25	0 55	3 23	16 25	23 4	23 11	17 9	15 55	6 56
S 8	17 0	13 39	2 56	5 23	3 7	15 50	0 45	9 18	0 42	22 42	0 35	16 3	1 58	14 6	0 25	7 25	0 55	3 23	16 25	23 4	23 11	17 12	15 55	6 57
M 9	17 17	17 37	2 0	5 42	3 9	16 13	0 43	9 35	0 41	22 42	0 35	16 5	1 58	14 7	0 25	7 24	0 55	3 22	16 25	23 4	23 11	17 14	15 54	6 57
T 10	17 33	20 52	0 58	6 3	3 11	16 36	0 41	9 52	0 41	22 42	0 35	16 7	1 58	14 8	0 25	7 24	0 55	3 22	16 25	23 3	23 10	17 16	15 54	6 58
W11	17 48	23 15	0n 6	6 25	3 12	16 58	0 39	10 9	0 40	22 42	0 35	16 9	1 58	14 9	0 25	7 23	0 55	3 22	16 25	23 3	23 10	17 19	15 53	6 58
T 12	18 4	24 37	1 11	6 49	3 12	17 20	0 37	10 25	0 40	22 41	0 35	16 11	1 58	14 10	0 25	7 23	0 55	3 21	16 25	23 3	23 10	17 21	15 53	6 59
F 13	18 19	24 51	2 13	7 14	3 11	17 41	0 34	10 42	0 39	22 41	0 35	16 13	1 58	14 11	0 25	7 22	0 55	3 21	16 25	23 4	23 10	17 23	15 53	7 0
S 14	18 33	23 55	3 10	7 40	3 10	18 2	0 32	10 58	0 39	22 41	0 35	16 15	1 58	14 13	0 25	7 22	0 55	3 21	16 25	23 4	23 10	17 26	15 52	7 0
S 15	18 48	21 48	4 0	8 8	3 8	18 23	0 30	11 14	0 38	22 41	0 35	16 17	1 58	14 14	0 25	7 22	0 55	3 20	16 25	23 4	23 9	17 28	15 52	7 1
M16	19 2	18 35	4 39	8 37	3 6	18 43	0 28	11 30	0 37	22 40	0 35	16 19	1 58	14 15	0 25	7 21	0 55	3 20	16 25	23 4	23 9	17 30	15 52	7 1
T 17	19 16	14 21	5 5	9 7	3 3	19 2	0 25	11 46	0 37	22 40	0 35	16 21	1 58	14 16	0 25	7 21	0 55	3 20	16 26	23 4	23 9	17 33	15 51	7 2
W18	19 29	9 18	5 15	9 38	2 59	19 21	0 23	12 2	0 36	22 40	0 35	16 23	1 58	14 17	0 25	7 21	0 55	3 19	16 26	23 4	23 9	17 35	15 51	7 2
T 19	19 42	3 36	5 7	10 11	2 55	19 40	0 21	12 18	0 36	22 40	0 35	16 25	1 58	14 18	0 25	7 20	0 55	3 19	16 26	23 4	23 9	17 37	15 51	7 3
F 20	19 55	2s28	4 40	10 44	2 50	19 58	0 19	12 33	0 35	22 39	0 34	16 27	1 58	14 19	0 25	7 20	0 55	3 19	16 26	23 3	23 8	17 39	15 50	7 3
S 21	20 8	8 33	3 53	11 18	2 45	20 15	0 16	12 49	0 35	22 39	0 34	16 29	1 58	14 20	0 25	7 20	0 56	3 18	16 26	23 3	23 8	17 42	15 50	7 4
S 22	20 20	14 16	2 50	11 53	2 39	20 32	0 14	13 4	0 34	22 39	0 34	16 31	1 58	14 21	0 25	7 20	0 56	3 18	16 26	23 3	23 8	17 44	15 50	7 4
M23	20 31	19 8	1 34	12 28	2 32	20 48	0 12	13 19	0 33	22 38	0 34	16 33	1 58	14 22	0 25	7 19	0 56	3 18	16 26	23 3	23 8	17 46	15 50	7 5
T 24	20 43	22 42	0 11	13 4	2 25	21 4	0 9	13 34	0 33	22 38	0 34	16 35	1 58	14 23	0 25	7 19	0 56	3 18	16 27	23 3	23 7	17 48	15 49	7 5
W25	20 54	24 37	1s11	13 41	2 18	21 19	0 7	13 49	0 32	22 38	0 34	16 37	1 58	14 24	0 25	7 19	0 56	3 17	16 27	23 3	23 7	17 51	15 49	7 6
T 26	21 5	24 47	2 27	14 18	2 10	21 34	0 4	14 4	0 32	22 37	0 34	16 39	1 58	14 25	0 25	7 18	0 56	3 17	16 27	23 3	23 7	17 53	15 49	7 6
F 27	21 15	23 18	3 32	14 55	2 1	21 48	0 2	14 19	0 31	22 37	0 34	16 41	1 58	14 26	0 25	7 18	0 56	3 17	16 27	23 3	23 7	17 55	15 49	7 7
S 28	21 25	20 27	4 22	15 33	1 53	22 1	0n 0	14 33	0 30	22 37	0 34	16 43	1 58	14 27	0 25	7 18	0 56	3 17	16 27	23 3	23 7	17 58	15 48	7 7
S 29	21 35	16 35	4 56	16 11	1 43	22 14	0 3	14 47	0 30	22 36	0 34	16 44	1 58	14 28	0 25	7 18	0 56	3 17	16 27	23 3	23 6	18 0	15 48	7 7
M30	21 44	12 3	5 14	16 48	1 34	22 26	0 5	15 1	0 29	22 36	0 34	16 46	1 58	14 29	0 25	7 18	0 56	3 16	16 28	23 3	23 6	18 2	15 48	7 8
T 31	21n53	7s 8	5s16	17n26	1s24	22n37	0n 8	15n15	0s29	22s36	0n33	16n48	1s58	14n30	0s25	7s18	0s56	3s16	16s28	23n 3	23n 6	18n 4	15s48	7n 8

Julian Day Number = 2397974.5, Delta T = 10.25 sec
Ecliptic obliquity = 23°27'32, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°41'32, Lahiri = 21°48'32

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ASTRODIENST EPHEMERIS for the year 1853
geocentric

JUNE 1853 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 37 34	10♊21'31	6♈33	25♉55	15♊13	13♉36	20°R49	23♉47	10♉17	13♓40	2♉ 8	19°R37	20♊10	28♉55	12°R 3	W 1
T 2	16 41 30	11°18'58	18°40	27°51	16°26	14°20	20♐41	23°55	10°20	13°40	2° 9	19♊36	20° 7	29° 2	12♑ 0	T 2
F 3	16 45 27	12°16'25	0♉38	29°50	17°40	15° 4	20°34	24° 2	10°23	13°41	2°10	19°35	20° 3	29° 8	11°57	F 3
S 4	16 49 23	13°13'51	12°29	1♊50	18°54	15°48	20°26	24°10	10°26	13°41	2°11	19°34	20° 0	29°15	11°54	S 4
S 5	16 53 20	14°11'16	24°17	3°53	20° 8	16°32	20°19	24°17	10°29	13°42	2°12	19°33	19°57	29°22	11°51	S 5
M 6	16 57 16	15° 8'41	6♊ 4	5°58	21°21	17°15	20°11	24°25	10°32	13°42	2°14	19°33	19°54	29°28	11°48	M 6
T 7	17 1 13	16° 6'04	17°54	8° 4	22°35	17°59	20° 4	24°32	10°35	13°42	2°15	19°D32	19°51	29°35	11°44	T 7
W 8	17 5 9	17° 3'27	29°47	10°11	23°49	18°43	19°56	24°39	10°38	13°43	2°16	19°32	19°47	29°42	11°41	W 8
T 9	17 9 6	18° 0'49	11♋47	12°20	25° 2	19°26	19°48	24°47	10°41	13°43	2°17	19°33	19°44	29°48	11°38	T 9
F 10	17 13 3	18°58'11	23°55	14°30	26°16	20°10	19°41	24°54	10°44	13°43	2°18	19°33	19°41	29°55	11°34	F 10
S 11	17 16 59	19°55'31	6♌15	16°41	27°30	20°53	19°33	25° 1	10°47	13°43	2°19	19°R33	19°38	0♋ 1	11°31	S 11
S 12	17 20 56	20°52'51	18°48	18°53	28°43	21°36	19°25	25° 9	10°50	13°43	2°20	19°33	19°35	0° 8	11°28	S 12
M13	17 24 52	21°50'09	1♍37	21° 5	29°57	22°20	19°18	25°16	10°53	13°44	2°21	19°32	19°32	0°15	11°24	M13
T 14	17 28 49	22°47'27	14°46	23°17	1♋11	23° 3	19°10	25°23	10°55	13°44	2°22	19°32	19°28	0°21	11°21	T 14
W15	17 32 45	23°44'44	28°15	25°29	2°24	23°46	19° 2	25°30	10°58	13°44	2°22	19°D32	19°25	0°28	11°17	W15
T 16	17 36 42	24°42'00	12♎ 7	27°40	3°38	24°29	18°55	25°37	11° 1	13°R44	2°23	19°32	19°22	0°35	11°13	T 16
F 17	17 40 38	25°39'15	26°21	29°50	4°52	25°13	18°47	25°45	11° 4	13°44	2°24	19°33	19°19	0°41	11°10	F 17
S 18	17 44 35	26°36'29	10♏56	2♋ 0	6° 5	25°56	18°40	25°52	11° 6	13°44	2°25	19°33	19°16	0°48	11° 6	S 18
S 19	17 48 32	27°33'43	25°47	4° 8	7°19	26°38	18°32	25°59	11° 9	13°44	2°26	19°34	19°13	0°55	11° 2	S 19
M20	17 52 28	28°30'56	10♐48	6°15	8°33	27°21	18°25	26° 6	11°11	13°44	2°27	19°34	19° 9	1° 1	10°59	M20
T 21	17 56 25	29°28'09	25°51	8°20	9°46	28° 4	18°17	26°13	11°14	13°43	2°28	19°R35	19° 6	1° 8	10°55	T 21
W22	18 0 21	0♋25'21	10♑47	10°24	11° 0	28°47	18°10	26°19	11°17	13°43	2°29	19°34	19° 3	1°15	10°51	W22
T 23	18 4 18	1°22'33	25°29	12°26	12°13	29°30	18° 3	26°26	11°19	13°43	2°29	19°33	19° 0	1°21	10°48	T 23
F 24	18 8 14	2°19'45	9♒50	14°26	13°27	0♊12	17°55	26°33	11°22	13°43	2°30	19°32	18°57	1°28	10°44	F 24
S 25	18 12 11	3°16'56	23°46	16°24	14°41	0°55	17°48	26°40	11°24	13°43	2°31	19°30	18°54	1°35	10°40	S 25
S 26	18 16 8	4°14'08	7♓15	18°20	15°54	1°38	17°41	26°47	11°26	13°42	2°32	19°28	18°50	1°41	10°36	S 26
M27	18 20 4	5°11'20	20°18	20°14	17° 8	2°20	17°34	26°53	11°29	13°42	2°32	19°27	18°47	1°48	10°33	M27
T 28	18 24 1	6° 8'31	2♈59	22° 6	18°21	3° 2	17°27	27° 0	11°31	13°42	2°33	19°D27	18°44	1°55	10°29	T 28
W29	18 27 57	7° 5'43	15°19	23°56	19°35	3°45	17°20	27° 7	11°33	13°41	2°34	19°27	18°41	2° 1	10°25	W29
T 30	18 31 54	8♋ 2'55	27♈25	25♋44	20♋49	4♊27	17♐14	27♉13	11♉36	13♓41	2♉35	19♊28	18♊38	2♊ 8	10♑21	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 1	2s 2	5s 3	18n 3	1s14	22n48	0n10	15n29	0s28	22s35	0n33	16n50	1s58	14n31	0s25	7s17	0s56	3s16	16s28	23n 3	23n 6	18n 7	15s48	7n 9
T 2	22 9	3n 3	4 37	18 40	1 3	22 58	0 12	15 43	0 27	22 35	0 33	16 52	1 58	14 32	0 25	7 17	0 56	3 16	16 28	23 3	23 5	18 9	15 48	7 9
F 3	22 17	7 58	3 59	19 16	0 53	23 8	0 15	15 57	0 27	22 34	0 33	16 54	1 58	14 33	0 25	7 17	0 56	3 16	16 28	23 3	23 5	18 11	15 47	7 9
S 4	22 24	12 33	3 12	19 52	0 42	23 17	0 17	16 10	0 26	22 34	0 33	16 55	1 58	14 34	0 25	7 17	0 56	3 15	16 29	23 3	23 5	18 13	15 47	7 10
S 5	22 31	16 40	2 16	20 26	0 31	23 25	0 19	16 23	0 25	22 33	0 33	16 57	1 58	14 35	0 25	7 17	0 56	3 15	16 29	23 3	23 5	18 15	15 47	7 10
M 6	22 38	20 7	1 14	20 59	0 20	23 32	0 22	16 36	0 25	22 33	0 33	16 59	1 58	14 36	0 25	7 17	0 56	3 15	16 29	23 3	23 4	18 18	15 47	7 11
T 7	22 44	22 45	0 9	21 31	0 9	23 39	0 24	16 49	0 24	22 33	0 33	17 1	1 58	14 37	0 25	7 17	0 56	3 15	16 29	23 3	23 4	18 20	15 47	7 11
W 8	22 50	24 24	0n57	22 1	0n 1	23 45	0 26	17 2	0 24	22 32	0 33	17 3	1 58	14 38	0 25	7 17	0 56	3 15	16 29	23 3	23 4	18 22	15 47	7 11
T 9	22 55	24 56	2 1	22 30	0 12	23 51	0 29	17 14	0 23	22 32	0 32	17 4	1 58	14 39	0 25	7 17	0 56	3 15	16 30	23 3	23 4	18 24	15 47	7 12
F 10	23 0	24 17	3 0	22 56	0 23	23 55	0 31	17 27	0 22	22 31	0 32	17 6	1 58	14 39	0 25	7 16	0 56	3 15	16 30	23 3	23 3	18 27	15 47	7 12
S 11	23 5	22 28	3 51	23 20	0 33	23 59	0 33	17 39	0 22	22 31	0 32	17 8	1 58	14 40	0 25	7 16	0 56	3 14	16 30	23 3	23 3	18 29	15 47	7 12
S 12	23 9	19 31	4 33	23 42	0 43	24 3	0 35	17 51	0 21	22 30	0 32	17 9	1 58	14 41	0 25	7 16	0 56	3 14	16 30	23 3	23 3	18 31	15 47	7 12
M13	23 12	15 36	5 2	24 1	0 52	24 5	0 38	18 2	0 20	22 30	0 32	17 11	1 58	14 42	0 25	7 16	0 56	3 14	16 31	23 3	23 3	18 33	15 47	7 13
T 14	23 16	10 52	5 17	24 18	1 1	24 7	0 40	18 14	0 20	22 29	0 32	17 13	1 58	14 43	0 25	7 16	0 56	3 14	16 31	23 3	23 2	18 35	15 47	7 13
W15	23 19	5 30	5 14	24 32	1 9	24 8	0 42	18 26	0 19	22 29	0 32	17 14	1 58	14 44	0 25	7 16	0 57	3 14	16 31	23 3	23 2	18 38	15 47	7 13
T 16	23 21	0s17	4 53	24 43	1 17	24 9	0 44	18 37	0 18	22 28	0 32	17 16	1 58	14 45	0 25	7 16	0 57	3 14	16 31	23 3	23 2	18 40	15 47	7 14
F 17	23 23	6 13	4 15	24 51	1 24	24 8	0 46	18 48	0 18	22 28	0 31	17 18	1 58	14 46	0 25	7 16	0 57	3 14	16 32	23 3	23 2	18 42	15 47	7 14
S 18	23 25	11 58	3 19	24 57	1 30	24 7	0 48	18 59	0 17	22 27	0 31	17 19	1 58	14 46	0 25	7 17	0 57	3 14	16 32	23 3	23 1	18 44	15 47	7 14
S 19	23 26	17 8	2 8	25 0	1 36	24 6	0 50	19 9	0 16	22 27	0 31	17 21	1 58	14 47	0 25	7 17	0 57	3 14	16 32	23 3	23 1	18 46	15 47	7 14
M20	23 27	21 17	0 49	25 0	1 41	24 3	0 52	19 20	0 16	22 26	0 31	17 22	1 58	14 48	0 25	7 17	0 57	3 14	16 32	23 3	23 1	18 49	15 47	7 14
T 21	23 27	23 58	0s35	24 57	1 45	24 0	0 54	19 30	0 15	22 26	0 31	17 24	1 58	14 49	0 25	7 17	0 57	3 14	16 33	23 3	23 1	18 51	15 47	7 15
W22	23 27	24 56	1 55	24 52	1 49	23 56	0 56	19 40	0 14	22 25	0 31	17 26	1 59	14 49	0 25	7 17	0 57	3 14	16 33	23 3	23 0	18 53	15 47	7 15
T 23	23 27	24 7	3 6	24 44	1 52	23 52	0 58	19 50	0 13	22 25	0 31	17 27	1 59	14 50	0 25	7 17	0 57	3 14	16 33	23 3	23 0	18 55	15 48	7 15
F 24	23 26	21 43	4 4	24 34	1 54	23 47	1 0	20 0	0 13	22 24	0 30	17 29	1 59	14 51	0 25	7 17	0 57	3 14	16 33	23 3	23 0	18 57	15 48	7 15
S 25	23 25	18 6	4 45	24 21	1 55	23 41	1 2	20 10	0 12	22 24	0 30	17 30	1 59	14 52	0 25	7 17	0 57	3 14	16 34	23 3	23 0	18 59	15 48	7 15
S 26	23 23	13 38	5 9	24 7	1 55	23 34	1 4	20 19	0 11	22 23	0 30	17 32	1 59	14 53	0 25	7 17	0 57	3 14	16 34	23 2	22 59	19 2	15 48	7 15
M27	23 21	8 41	5 16	23 50	1 55	23 27	1 5	20 28	0 11	22 23	0 30	17 33	1 59	14 53	0 25	7 18	0 57	3 14	16 34	23 2	22 59	19 4	15 48	7 15
T 28	23 19	3 31	5 8	23 32	1 54	23 19	1 7	20 37	0 10	22 22	0 30	17 34	1 59	14 54	0 25	7 18	0 57	3 14	16 35	23 2	22 59	19 6	15 48	7 16
W29	23 16	1n39	4 45	23 11	1 53	23 10	1 9	20 46	0 9	22 22	0 30	17 36	1 59	14 55	0 25	7 18	0 57	3 14	16 35	23 2	22 59	19 8	15 49	7 16
T 30	23n13	6n40	4s10	22n50	1n51	23n 0	1n10	20n55	0s 9	22s21	0n29	17n37	1s59	14n55	0s25	7s18	0s57	3s14	16s35	23n 2	22n58	19n10	15s49	7n16

Julian Day Number = 2398005.5, Delta T = 10.26 sec
Ecliptic obliquity = 23°27'31, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°41'36, Lahiri = 21°48'37

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JULY 1853 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 35 50	9♋ 0'07	9♉19	27♋30	22♋ 2	5♊ 9	17°R 7	27♉20	11♉38	13°R40	2♉35	19♊29	18♊34	2♊15	10°R17	F 1
S 2	18 39 47	9°57'20	21° 8	29°13	23°16	5°52	17♐ 0	27°26	11°40	13♓40	2°36	19°31	18°31	2°21	10♑14	S 2
S 3	18 43 43	10°54'32	2♊56	0♌55	24°29	6°34	16°54	27°32	11°42	13°39	2°37	19°32	18°28	2°28	10°10	S 3
M 4	18 47 40	11°51'45	14°45	2°34	25°43	7°16	16°48	27°39	11°44	13°39	2°37	19°R33	18°25	2°35	10° 6	M 4
T 5	18 51 37	12°48'58	26°39	4°12	26°57	7°58	16°41	27°45	11°46	13°38	2°38	19°33	18°22	2°41	10° 2	T 5
W 6	18 55 33	13°46'11	8♋41	5°47	28°10	8°40	16°35	27°51	11°48	13°38	2°38	19°31	18°19	2°48	9°58	W 6
T 7	18 59 30	14°43'25	20°53	7°20	29°24	9°22	16°29	27°57	11°50	13°37	2°39	19°29	18°15	2°54	9°55	T 7
F 8	19 3 26	15°40'38	3♌16	8°51	0♌37	10° 3	16°23	28° 3	11°52	13°36	2°39	19°26	18°12	3° 1	9°51	F 8
S 9	19 7 23	16°37'52	15°51	10°20	1°51	10°45	16°18	28° 9	11°54	13°36	2°40	19°21	18° 9	3° 8	9°47	S 9
S 10	19 11 19	17°35'05	28°40	11°46	3° 4	11°27	16°12	28°15	11°56	13°35	2°40	19°17	18° 6	3°14	9°43	S 10
M11	19 15 16	18°32'19	11♍43	13°11	4°18	12° 8	16° 7	28°21	11°58	13°34	2°41	19°13	18° 3	3°21	9°39	M11
T 12	19 19 12	19°29'32	25° 0	14°33	5°31	12°50	16° 1	28°27	12° 0	13°33	2°41	19°10	17°59	3°28	9°36	T 12
W13	19 23 9	20°26'46	8♎32	15°53	6°45	13°31	15°56	28°33	12° 1	13°33	2°42	19° 8	17°56	3°34	9°32	W13
T 14	19 27 6	21°23'59	22°20	17°10	7°58	14°13	15°51	28°39	12° 3	13°32	2°42	19°D 7	17°53	3°41	9°28	T 14
F 15	19 31 2	22°21'13	6♏24	18°25	9°12	14°54	15°46	28°44	12° 5	13°31	2°43	19° 8	17°50	3°48	9°25	F 15
S 16	19 34 59	23°18'27	20°42	19°38	10°25	15°35	15°41	28°50	12° 6	13°30	2°43	19° 9	17°47	3°54	9°21	S 16
S 17	19 38 55	24°15'41	5♐12	20°48	11°39	16°17	15°37	28°55	12° 8	13°29	2°43	19°10	17°44	4° 1	9°17	S 17
M18	19 42 52	25°12'55	19°51	21°56	12°52	16°58	15°32	29° 1	12° 9	13°28	2°44	19°R11	17°40	4° 8	9°14	M18
T 19	19 46 48	26°10'10	4♑34	23° 1	14° 6	17°39	15°28	29° 6	12°11	13°27	2°44	19°10	17°37	4°14	9°10	T 19
W20	19 50 45	27° 7'25	19°14	24° 3	15°19	18°20	15°24	29°12	12°12	13°26	2°44	19° 8	17°34	4°21	9° 7	W20
T 21	19 54 41	28° 4'41	3♒45	25° 2	16°33	19° 1	15°20	29°17	12°14	13°25	2°44	19° 3	17°31	4°28	9° 3	T 21
F 22	19 58 38	29° 1'57	18° 0	25°59	17°46	19°42	15°16	29°22	12°15	13°24	2°45	18°58	17°28	4°34	9° 0	F 22
S 23	20 2 35	29°59'14	1♓54	26°52	19° 0	20°23	15°13	29°27	12°16	13°23	2°45	18°51	17°25	4°41	8°56	S 23
S 24	20 6 31	0♌56'31	15°25	27°42	20°13	21° 3	15° 9	29°32	12°18	13°22	2°45	18°45	17°21	4°48	8°53	S 24
M25	20 10 28	1°53'50	28°30	28°29	21°27	21°44	15° 6	29°37	12°19	13°21	2°45	18°40	17°18	4°54	8°50	M25
T 26	20 14 24	2°51'09	11♈13	29°12	22°40	22°25	15° 3	29°42	12°20	13°20	2°45	18°35	17°15	5° 1	8°46	T 26
W27	20 18 21	3°48'30	23°35	29°52	23°53	23° 5	15° 0	29°47	12°21	13°19	2°46	18°33	17°12	5° 7	8°43	W27
T 28	20 22 17	4°45'51	5♉41	0♍28	25° 7	23°46	14°57	29°52	12°22	13°17	2°46	18°D33	17° 9	5°14	8°40	T 28
F 29	20 26 14	5°43'14	17°36	1° 0	26°20	24°26	14°54	29°56	12°23	13°16	2°46	18°33	17° 5	5°21	8°37	F 29
S 30	20 30 10	6°40'37	29°25	1°27	27°33	25° 7	14°52	0♊ 1	12°24	13°15	2°46	18°35	17° 2	5°27	8°34	S 30
S 31	20 34 7	7♌38'02	11♊13	1♍50	28♌47	25♊47	14♐50	0♊ 5	12♉25	13♓14	2♉46	18♊36	16♊59	5♊34	8♑31	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 9	11n23	3s24	22n27	1n48	22n50	1n12	21n 3	0s 8	22s21	0n29	17n39	1s59	14n56	0s25	7s18	0s57	3s14	16s35	23n 3	22n58	19n12	15s49	7n16
S 2	23 5	15 38	2 31	22 2	1 45	22 40	1 13	21 11	0 7	22 20	0 29	17 40	1 59	14 57	0 25	7 19	0 57	3 14	16 36	23 3	22 58	19 14	15 49	7 16
S 3	23 1	19 17	1 30	21 36	1 41	22 28	1 15	21 19	0 6	22 20	0 29	17 41	1 59	14 57	0 25	7 19	0 57	3 14	16 36	23 3	22 57	19 17	15 49	7 16
M 4	22 56	22 9	0 26	21 10	1 36	22 16	1 16	21 27	0 6	22 20	0 29	17 43	1 59	14 58	0 25	7 19	0 57	3 14	16 36	23 3	22 57	19 19	15 50	7 16
T 5	22 50	24 4	0n39	20 42	1 31	22 3	1 18	21 34	0 5	22 19	0 29	17 44	2 0	14 59	0 25	7 19	0 57	3 15	16 37	23 3	22 57	19 21	15 50	7 16
W 6	22 45	24 54	1 43	20 13	1 25	21 50	1 19	21 42	0 4	22 19	0 28	17 45	2 0	14 59	0 25	7 20	0 57	3 15	16 37	23 3	22 57	19 23	15 50	7 16
T 7	22 39	24 32	2 44	19 44	1 19	21 36	1 20	21 49	0 4	22 18	0 28	17 47	2 0	15 0	0 25	7 20	0 57	3 15	16 37	23 3	22 56	19 25	15 50	7 16
F 8	22 32	22 58	3 38	19 13	1 12	21 21	1 21	21 56	0 3	22 18	0 28	17 48	2 0	15 0	0 25	7 20	0 57	3 15	16 38	23 2	22 56	19 27	15 51	7 16
S 9	22 25	20 15	4 21	18 43	1 5	21 6	1 23	22 3	0 2	22 17	0 28	17 49	2 0	15 1	0 25	7 20	0 57	3 15	16 38	23 2	22 56	19 29	15 51	7 16
S 10	22 18	16 31	4 53	18 11	0 57	20 51	1 24	22 9	0 1	22 17	0 28	17 50	2 0	15 2	0 25	7 21	0 58	3 15	16 38	23 2	22 56	19 31	15 51	7 16
M11	22 10	11 57	5 10	17 40	0 49	20 34	1 25	22 15	0 1	22 17	0 27	17 51	2 0	15 2	0 25	7 21	0 58	3 15	16 39	23 1	22 55	19 33	15 52	7 16
T 12	22 2	6 45	5 11	17 8	0 41	20 17	1 26	22 21	0n 0	22 16	0 27	17 53	2 0	15 3	0 25	7 21	0 58	3 15	16 39	23 1	22 55	19 36	15 52	7 16
W13	21 54	1 8	4 55	16 36	0 32	20 0	1 26	22 27	0 1	22 16	0 27	17 54	2 0	15 3	0 25	7 22	0 58	3 16	16 39	23 1	22 55	19 38	15 52	7 16
T 14	21 45	4s39	4 22	16 4	0 22	19 42	1 27	22 33	0 2	22 16	0 27	17 55	2 0	15 4	0 25	7 22	0 58	3 16	16 39	23 1	22 54	19 40	15 53	7 16
F 15	21 36	10 19	3 33	15 31	0 13	19 23	1 28	22 39	0 2	22 15	0 27	17 56	2 1	15 4	0 26	7 22	0 58	3 16	16 40	23 1	22 54	19 42	15 53	7 16
S 16	21 27	15 32	2 29	14 59	0 3	19 4	1 29	22 44	0 3	22 15	0 27	17 57	2 1	15 5	0 26	7 23	0 58	3 16	16 40	23 1	22 54	19 44	15 53	7 16
S 17	21 17	19 57	1 16	14 27	0s 8	18 44	1 29	22 49	0 4	22 15	0 26	17 58	2 1	15 5	0 26	7 23	0 58	3 16	16 40	23 1	22 54	19 46	15 54	7 15
M18	21 7	23 8	0s 4	13 55	0 19	18 24	1 30	22 54	0 5	22 14	0 26	17 59	2 1	15 6	0 26	7 24	0 58	3 17	16 41	23 1	22 53	19 48	15 54	7 15
T 19	20 56	24 46	1 23	13 23	0 30	18 3	1 30	22 58	0 5	22 14	0 26	18 0	2 1	15 6	0 26	7 24	0 58	3 17	16 41	23 1	22 53	19 50	15 54	7 15
W20	20 45	24 39	2 36	12 52	0 41	17 42	1 31	23 3	0 6	22 14	0 26	18 1	2 1	15 6	0 26	7 24	0 58	3 17	16 41	23 1	22 53	19 52	15 55	7 15
T 21	20 34	22 52	3 39	12 22	0 53	17 20	1 31	23 7	0 7	22 14	0 26	18 2	2 1	15 7	0 26	7 25	0 58	3 17	16 42	23 0	22 52	19 54	15 55	7 15
F 22	20 22	19 40	4 26	11 51	1 4	16 58	1 31	23 11	0 8	22 13	0 25	18 3	2 1	15 7	0 26	7 25	0 58	3 17	16 42	23 0	22 52	19 56	15 55	7 15
S 23	20 10	15 25	4 56	11 22	1 17	16 35	1 32	23 15	0 8	22 13	0 25	18 4	2 2	15 8	0 26	7 26	0 58	3 18	16 42	22 59	22 52	19 58	15 56	7 15
S 24	19 58	10 30	5 9	10 53	1 29	16 12	1 32	23 19	0 9	22 13	0 25	18 5	2 2	15 8	0 26	7 26	0 58	3 18	16 43	22 59	22 51	20 0	15 56	7 14
M25	19 45	5 16	5 5	10 26	1 41	15 49	1 32	23 22	0 10	22 13	0 25	18 6	2 2	15 8	0 26	7 27	0 58	3 18	16 43	22 58	22 51	20 2	15 57	7 14
T 26	19 32	0n 3	4 46	9 59	1 54	15 25	1 32	23 25	0 11	22 13	0 25	18 7	2 2	15 9	0 26	7 27	0 58	3 18	16 43	22 58	22 51	20 5	15 57	7 14
W27	19 19	5 14	4 14	9 33	2 6	15 1	1 32	23 28	0 11	22 12	0 25	18 8	2 2	15 9	0 26	7 28	0 58	3 19	16 44	22 58	22 51	20 7	15 58	7 14
T 28	19 5	10 6	3 31	9 9	2 19	14 36	1 32	23 31	0 12	22 12	0 24	18 9	2 2	15 9	0 26	7 28	0 58	3 19	16 44	22 58	22 50	20 9	15 58	7 13
F 29	18 51	14 32	2 40	8 46	2 32	14 11	1 31	23 33	0 13	22 12	0 24	18 10	2 2	15 10	0 26	7 29	0 58	3 19	16 44	22 58	22 50	20 11	15 58	7 13
S 30	18 37	18 23	1 42	8 24	2 44	13 45	1 31	23 36	0 14	22 12	0 24	18 10	2 3	15 10	0 26	7 29	0 58	3 19	16 45	22 58	22 50	20 13	15 59	7 13
S 31	18n23	21n29	0s40	8n 4	2s57	13n20	1n31	23n38	0n15	22s12	0n24	18n11	2s 3	15n10	0s26	7s30	0s58	3s20	16s45	22n58	22n49	20n15	15s59	7n13

Julian Day Number = 2398035.5, Delta T = 10.27 sec
Ecliptic obliquity = 23°27'31, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°41'40, Lahiri = 21°48'41

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ASTRODIENST EPHEMERIS for the year 1853
geocentric

AUGUST 1853 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 38 4	8♌35'28	23♊ 5	2♍ 9	0♍ 0	26♊27	14°R48	0♊10	12♉26	13°R12	2♉46	18°R36	16♊56	5♊41	8°R27	M 1
T 2	20 42 0	9°32'55	5♋ 5	2°23	1°14	27° 7	14♐46	0°14	12°27	13♓11	2°R46	18♊34	16°53	5°47	8♑24	T 2
W 3	20 45 57	10°30'23	17°17	2°32	2°27	27°47	14°44	0°18	12°28	13°10	2°46	18°31	16°50	5°54	8°22	W 3
T 4	20 49 53	11°27'53	29°42	2°R36	3°40	28°27	14°43	0°22	12°28	13° 8	2°46	18°25	16°46	6° 1	8°19	T 4
F 5	20 53 50	12°25'23	12♌22	2°35	4°54	29° 7	14°41	0°26	12°29	13° 7	2°46	18°17	16°43	6° 7	8°16	F 5
S 6	20 57 46	13°22'54	25°18	2°28	6° 7	29°47	14°40	0°30	12°30	13° 6	2°46	18° 8	16°40	6°14	8°13	S 6
S 7	21 1 43	14°20'27	8♍29	2°17	7°20	0♋27	14°39	0°34	12°30	13° 4	2°46	17°58	16°37	6°21	8°10	S 7
M 8	21 5 39	15°18'00	21°53	1°59	8°33	1° 7	14°39	0°38	12°31	13° 3	2°46	17°49	16°34	6°27	8° 8	M 8
T 9	21 9 36	16°15'34	5♎28	1°37	9°47	1°47	14°38	0°42	12°31	13° 2	2°46	17°42	16°31	6°34	8° 5	T 9
W10	21 13 33	17°13'09	19°13	1° 9	11° 0	2°26	14°38	0°45	12°32	13° 0	2°45	17°36	16°27	6°41	8° 3	W10
T 11	21 17 29	18°10'45	3♏ 7	0°36	12°13	3° 6	14°D38	0°49	12°32	12°59	2°45	17°33	16°24	6°47	8° 0	T 11
F 12	21 21 26	19° 8'22	17° 8	29♌59	13°26	3°45	14°38	0°52	12°32	12°57	2°45	17°D32	16°21	6°54	7°58	F 12
S 13	21 25 22	20° 6'00	1♐16	29°17	14°40	4°24	14°38	0°56	12°33	12°56	2°45	17°32	16°18	7° 0	7°55	S 13
S 14	21 29 19	21° 3'39	15°29	28°32	15°53	5° 4	14°38	0°59	12°33	12°54	2°45	17°R33	16°15	7° 7	7°53	S 14
M15	21 33 15	22° 1'19	29°46	27°44	17° 6	5°43	14°39	1° 2	12°33	12°53	2°44	17°32	16°11	7°14	7°51	M15
T 16	21 37 12	22°59'00	14♑ 4	26°53	18°19	6°22	14°39	1° 5	12°33	12°51	2°44	17°30	16° 8	7°20	7°49	T 16
W17	21 41 8	23°56'43	28°20	26° 2	19°32	7° 1	14°40	1° 8	12°33	12°50	2°44	17°25	16° 5	7°27	7°47	W17
T 18	21 45 5	24°54'26	12♒29	25°10	20°45	7°40	14°41	1°11	12°R33	12°48	2°43	17°17	16° 2	7°34	7°45	T 18
F 19	21 49 2	25°52'11	26°27	24°18	21°58	8°19	14°43	1°14	12°33	12°47	2°43	17° 7	15°59	7°40	7°43	F 19
S 20	21 52 58	26°49'56	10♓ 8	23°29	23°11	8°58	14°44	1°16	12°33	12°45	2°43	16°56	15°56	7°47	7°41	S 20
S 21	21 56 55	27°47'44	23°30	22°42	24°24	9°37	14°46	1°19	12°33	12°43	2°42	16°45	15°52	7°54	7°39	S 21
M22	22 0 51	28°45'33	6♈31	22° 0	25°37	10°16	14°48	1°21	12°33	12°42	2°42	16°35	15°49	8° 0	7°37	M22
T 23	22 4 48	29°43'24	19°11	21°22	26°50	10°54	14°50	1°24	12°33	12°40	2°42	16°27	15°46	8° 7	7°36	T 23
W24	22 8 44	0♍41'16	1♉32	20°49	28° 3	11°33	14°52	1°26	12°32	12°39	2°41	16°21	15°43	8°14	7°34	W24
T 25	22 12 41	1°39'10	13°38	20°23	29°16	12°11	14°54	1°28	12°32	12°37	2°41	16°18	15°40	8°20	7°33	T 25
F 26	22 16 37	2°37'06	25°33	20° 4	0♎29	12°50	14°57	1°30	12°32	12°35	2°40	16°16	15°37	8°27	7°31	F 26
S 27	22 20 34	3°35'04	7♊22	19°53	1°42	13°28	15° 0	1°32	12°31	12°34	2°40	16°D16	15°33	8°33	7°30	S 27
S 28	22 24 31	4°33'04	19°11	19°D50	2°55	14° 7	15° 3	1°34	12°31	12°32	2°39	16°R16	15°30	8°40	7°29	S 28
M29	22 28 27	5°31'06	1♋ 4	19°55	4° 8	14°45	15° 6	1°36	12°30	12°31	2°39	16°15	15°27	8°47	7°27	M29
T 30	22 32 24	6°29'09	13° 9	20° 8	5°21	15°23	15° 9	1°37	12°30	12°29	2°38	16°13	15°24	8°53	7°26	T 30
W31	22 36 20	7♍27'15	25♋27	20♌29	6♎34	16♋ 1	15♐12	1♊39	12♉29	12♓27	2♉38	16♊ 8	15♊21	9♊ 0	7♑25	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n 8	23n41	0n24	7n46	3s 9	12n53	1n30	23n40	0n15	22s12	0n24	18n12	2s 3	15n10	0s26	7s30	0s58	3s20	16s45	22n58	22n49	20n17	16s 0	7n12
T 2	17 53	24 49	1 28	7 30	3 21	12 27	1 30	23 42	0 16	22 12	0 23	18 13	2 3	15 11	0 26	7 31	0 58	3 20	16 46	22 58	22 49	20 19	16 0	7 12
W 3	17 37	24 47	2 28	7 16	3 33	12 0	1 29	23 43	0 17	22 12	0 23	18 13	2 3	15 11	0 26	7 31	0 58	3 21	16 46	22 58	22 48	20 21	16 1	7 12
T 4	17 21	23 32	3 22	7 4	3 44	11 33	1 29	23 45	0 18	22 12	0 23	18 14	2 3	15 11	0 26	7 32	0 58	3 21	16 46	22 57	22 48	20 23	16 1	7 12
F 5	17 5	21 4	4 8	6 54	3 55	11 5	1 28	23 46	0 18	22 12	0 23	18 15	2 3	15 11	0 26	7 32	0 58	3 21	16 47	22 57	22 48	20 25	16 2	7 11
S 6	16 49	17 31	4 41	6 47	4 5	10 38	1 27	23 47	0 19	22 12	0 23	18 15	2 4	15 11	0 26	7 33	0 58	3 22	16 47	22 56	22 47	20 27	16 2	7 11
S 7	16 33	13 3	5 1	6 43	4 15	10 10	1 26	23 47	0 20	22 12	0 22	18 16	2 4	15 12	0 26	7 33	0 58	3 22	16 47	22 55	22 47	20 29	16 3	7 11
M 8	16 16	7 53	5 4	6 41	4 23	9 41	1 25	23 48	0 21	22 12	0 22	18 17	2 4	15 12	0 26	7 34	0 58	3 22	16 48	22 54	22 47	20 31	16 3	7 10
T 9	15 59	2 16	4 51	6 42	4 30	9 13	1 25	23 48	0 22	22 12	0 22	18 17	2 4	15 12	0 26	7 34	0 58	3 23	16 48	22 53	22 46	20 33	16 4	7 10
W10	15 41	3s31	4 20	6 46	4 37	8 44	1 23	23 49	0 22	22 13	0 22	18 18	2 4	15 12	0 26	7 35	0 59	3 23	16 48	22 53	22 46	20 35	16 4	7 10
T 11	15 24	9 12	3 34	6 52	4 42	8 15	1 22	23 49	0 23	22 13	0 22	18 18	2 4	15 12	0 26	7 36	0 59	3 23	16 49	22 53	22 46	20 37	16 5	7 9
F 12	15 6	14 29	2 35	7 2	4 45	7 46	1 21	23 48	0 24	22 13	0 22	18 19	2 5	15 12	0 26	7 36	0 59	3 24	16 49	22 52	22 46	20 39	16 5	7 9
S 13	14 48	19 2	1 26	7 15	4 47	7 16	1 20	23 48	0 25	22 13	0 21	18 20	2 5	15 12	0 26	7 37	0 59	3 24	16 49	22 52	22 45	20 41	16 6	7 8
S 14	14 29	22 29	0 11	7 30	4 47	6 47	1 19	23 47	0 26	22 13	0 21	18 20	2 5	15 12	0 26	7 37	0 59	3 24	16 50	22 53	22 45	20 43	16 6	7 8
M15	14 11	24 32	1s 5	7 48	4 46	6 17	1 17	23 46	0 26	22 14	0 21	18 21	2 5	15 12	0 26	7 38	0 59	3 25	16 50	22 52	22 45	20 45	16 7	7 8
T 16	13 52	24 59	2 16	8 8	4 42	5 47	1 16	23 45	0 27	22 14	0 21	18 21	2 5	15 12	0 26	7 39	0 59	3 25	16 50	22 52	22 44	20 46	16 7	7 7
W17	13 33	23 46	3 19	8 31	4 37	5 17	1 14	23 44	0 28	22 14	0 21	18 21	2 5	15 12	0 26	7 39	0 59	3 26	16 51	22 52	22 44	20 48	16 8	7 7
T 18	13 14	21 3	4 9	8 55	4 29	4 47	1 12	23 43	0 29	22 14	0 20	18 22	2 6	15 12	0 26	7 40	0 59	3 26	16 51	22 51	22 44	20 50	16 8	7 7
F 19	12 54	17 9	4 43	9 20	4 20	4 16	1 11	23 41	0 30	22 15	0 20	18 22	2 6	15 12	0 26	7 40	0 59	3 26	16 51	22 50	22 43	20 52	16 9	7 6
S 20	12 35	12 24	5 0	9 47	4 9	3 46	1 9	23 40	0 30	22 15	0 20	18 23	2 6	15 12	0 26	7 41	0 59	3 27	16 51	22 49	22 43	20 54	16 9	7 6
S 21	12 15	7 11	5 0	10 13	3 57	3 15	1 7	23 38	0 31	22 15	0 20	18 23	2 6	15 12	0 26	7 42	0 59	3 27	16 52	22 48	22 43	20 56	16 10	7 5
M22	11 55	1 46	4 44	10 40	3 43	2 44	1 5	23 36	0 32	22 16	0 20	18 23	2 6	15 12	0 26	7 42	0 59	3 28	16 52	22 47	22 42	20 58	16 10	7 5
T 23	11 35	3n35	4 15	11 7	3 27	2 14	1 3	23 33	0 33	22 16	0 20	18 24	2 6	15 12	0 26	7 43	0 59	3 28	16 52	22 46	22 42	21 0	16 11	7 4
W24	11 14	8 40	3 34	11 33	3 11	1 43	1 2	23 31	0 34	22 17	0 19	18 24	2 7	15 12	0 26	7 44	0 59	3 28	16 53	22 46	22 42	21 2	16 11	7 4
T 25	10 54	13 20	2 44	11 57	2 54	1 12	0 59	23 28	0 34	22 17	0 19	18 24	2 7	15 12	0 26	7 44	0 59	3 29	16 53	22 45	22 41	21 4	16 12	7 3
F 26	10 33	17 25	1 48	12 20	2 36	0 41	0 57	23 26	0 35	22 18	0 19	18 24	2 7	15 12	0 26	7 45	0 59	3 29	16 53	22 45	22 41	21 6	16 12	7 3
S 27	10 12	20 47	0 47	12 41	2 18	0 10	0 55	23 23	0 36	22 18	0 19	18 25	2 7	15 12	0 26	7 45	0 59	3 30	16 54	22 45	22 41	21 8	16 13	7 3
S 28	9 51	23 16	0n15	13 0	1 59	0s21	0 53	23 19	0 37	22 19	0 19	18 25	2 7	15 11	0 26	7 46	0 59	3 30	16 54	22 45	22 40	21 10	16 13	7 2
M29	9 30	24 45	1 18	13 16	1 40	0 52	0 51	23 16	0 38	22 19	0 19	18 25	2 8	15 11	0 26	7 47	0 59	3 31	16 54	22 45	22 40	21 11	16 14	7 2
T 30	9 8	25 5	2 17	13 29	1 22	1 23	0 48	23 13	0 39	22 20	0 18	18 25	2 8	15 11	0 26	7 47	0 59	3 31	16 54	22 45	22 39	21 13	16 15	7 1
W31	8n47	24n12	3n12	13n40	1s 4	1s54	0n46	23n 9	0n39	22s20	0n18	18n25	2s 8	15n11	0s26	7s48	0s59	3s32	16s55	22n44	22n39	21n15	16s15	7n 1

Julian Day Number = 2398066.5, Delta T = 10.29 sec
Ecliptic obliquity = 23°27'32, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°41'44, Lahiri = 21°48'45

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1853
geocentric

SEPTEMBER 1853 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 40 17	8♍25'22	8♌ 3	21♌ 0	7♎47	16♋39	15♐16	1♊40	12°R28	12°R26	2°R37	16°R 0	15♊17	9♊ 7	7°R24	T 1
F 2	22 44 13	9°23'31	20°59	21°38	9° 0	17°17	15°20	1°42	12♉28	12♓24	2♉36	15♊50	15°14	9°13	7♂23	F 2
S 3	22 48 10	10°21'42	4♍15	22°24	10°12	17°55	15°24	1°43	12°27	12°22	2°36	15°38	15°11	9°20	7°23	S 3
S 4	22 52 6	11°19'54	17°49	23°18	11°25	18°32	15°28	1°44	12°26	12°21	2°35	15°25	15° 8	9°27	7°22	S 4
M 5	22 56 3	12°18'09	1♎38	24°19	12°38	19°10	15°32	1°45	12°25	12°19	2°35	15°14	15° 5	9°33	7°21	M 5
T 6	23 0 0	13°16'24	15°39	25°27	13°51	19°48	15°37	1°46	12°24	12°17	2°34	15° 4	15° 2	9°40	7°21	T 6
W 7	23 3 56	14°14'42	29°46	26°42	15° 3	20°25	15°41	1°47	12°23	12°16	2°33	14°56	14°58	9°47	7°20	W 7
T 8	23 7 53	15°13'01	13♏56	28° 2	16°16	21° 3	15°46	1°47	12°22	12°14	2°32	14°51	14°55	9°53	7°20	T 8
F 9	23 11 49	16°11'22	28° 7	29°28	17°29	21°40	15°51	1°48	12°21	12°12	2°32	14°49	14°52	10° 0	7°19	F 9
S 10	23 15 46	17° 9'44	12♐15	0♍58	18°41	22°17	15°56	1°48	12°20	12°11	2°31	14°49	14°49	10° 7	7°19	S 10
S 11	23 19 42	18° 8'08	26°21	2°33	19°54	22°54	16° 2	1°49	12°19	12° 9	2°30	14°49	14°46	10°13	7°19	S 11
M12	23 23 39	19° 6'34	10♑23	4°12	21° 7	23°31	16° 7	1°49	12°18	12° 8	2°30	14°48	14°43	10°20	7°D19	M12
T 13	23 27 35	20° 5'01	24°20	5°53	22°19	24° 8	16°13	1°49	12°17	12° 6	2°29	14°45	14°39	10°26	7°19	T 13
W14	23 31 32	21° 3'29	8♒11	7°37	23°32	24°45	16°19	1°R49	12°16	12° 4	2°28	14°39	14°36	10°33	7°19	W14
T 15	23 35 29	22° 2'00	21°55	9°23	24°44	25°22	16°25	1°49	12°14	12° 3	2°27	14°30	14°33	10°40	7°19	T 15
F 16	23 39 25	23° 0'32	5♓28	11°11	25°57	25°59	16°31	1°49	12°13	12° 1	2°26	14°19	14°30	10°46	7°19	F 16
S 17	23 43 22	23°59'06	18°48	13° 1	27° 9	26°35	16°37	1°49	12°12	11°59	2°25	14° 7	14°27	10°53	7°20	S 17
S 18	23 47 18	24°57'41	1♈53	14°51	28°21	27°12	16°43	1°48	12°10	11°58	2°25	13°54	14°23	11° 0	7°20	S 18
M19	23 51 15	25°56'19	14°42	16°41	29°34	27°48	16°50	1°48	12° 9	11°56	2°24	13°43	14°20	11° 6	7°21	M19
T 20	23 55 11	26°54'59	27°13	18°32	0♏46	28°25	16°57	1°47	12° 7	11°55	2°23	13°33	14°17	11°13	7°21	T 20
W21	23 59 8	27°53'41	9♉30	20°24	1°58	29° 1	17° 3	1°46	12° 6	11°53	2°22	13°26	14°14	11°20	7°22	W21
T 22	0 3 4	28°52'25	21°32	22°15	3°11	29°37	17°10	1°46	12° 4	11°51	2°21	13°21	14°11	11°26	7°23	T 22
F 23	0 7 1	29°51'11	3♊26	24° 6	4°23	0♌13	17°18	1°45	12° 2	11°50	2°20	13°19	14° 8	11°33	7°24	F 23
S 24	0 10 57	0♎50'00	15°14	25°56	5°35	0°49	17°25	1°44	12° 1	11°48	2°19	13°D19	14° 4	11°40	7°24	S 24
S 25	0 14 54	1°48'50	27° 2	27°46	6°47	1°25	17°32	1°42	11°59	11°47	2°18	13°R19	14° 1	11°46	7°25	S 25
M26	0 18 51	2°47'44	8♋56	29°35	7°59	2° 1	17°40	1°41	11°57	11°45	2°17	13°19	13°58	11°53	7°26	M26
T 27	0 22 47	3°46'39	21° 0	1♎24	9°12	2°36	17°47	1°40	11°56	11°44	2°16	13°18	13°55	11°59	7°28	T 27
W28	0 26 44	4°45'37	3♌21	3°12	10°24	3°12	17°55	1°38	11°54	11°42	2°15	13°14	13°52	12° 6	7°29	W28
T 29	0 30 40	5°44'37	16° 2	4°59	11°36	3°47	18° 3	1°37	11°52	11°41	2°14	13° 8	13°48	12°13	7°30	T 29
F 30	0 34 37	6♎43'39	29♌ 6	6♎46	12♏48	4♌23	18♐11	1♊35	11♉50	11♓39	2♉13	13♊ 0	13♊45	12♊19	7♂32	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n25	22n 6	3n58	13n47	0s46	2s25	0n43	23n 5	0n40	22s21	0n18	18n25	2s 8	15n11	0s26	7s49	0s59	3s32	16s55	22n43	22n39	21n17	16s16	7n 0
F 2	8 3	18 49	4 33	13 51	0 29	2 56	0 41	23 1	0 41	22 21	0 18	18 25	2 8	15 10	0 26	7 49	0 59	3 32	16 55	22 42	22 38	21 19	16 16	7 0
S 3	7 41	14 32	4 55	13 51	0 13	3 27	0 38	22 57	0 42	22 22	0 18	18 25	2 8	15 10	0 26	7 50	0 59	3 33	16 55	22 41	22 38	21 21	16 17	6 59
S 4	7 19	9 25	5 0	13 48	0n 3	3 58	0 36	22 53	0 43	22 23	0 18	18 25	2 9	15 10	0 26	7 51	0 59	3 33	16 56	22 40	22 38	21 23	16 17	6 59
M 5	6 57	3 45	4 48	13 42	0 17	4 29	0 33	22 49	0 44	22 23	0 17	18 26	2 9	15 10	0 26	7 51	0 59	3 34	16 56	22 38	22 37	21 25	16 18	6 58
T 6	6 35	2s10	4 19	13 32	0 31	5 0	0 30	22 44	0 45	22 24	0 17	18 26	2 9	15 9	0 26	7 52	0 59	3 34	16 56	22 37	22 37	21 27	16 18	6 58
W 7	6 12	8 3	3 34	13 18	0 43	5 31	0 28	22 39	0 45	22 24	0 17	18 25	2 9	15 9	0 26	7 52	0 59	3 35	16 57	22 36	22 37	21 28	16 19	6 57
T 8	5 50	13 34	2 35	13 1	0 55	6 1	0 25	22 34	0 46	22 25	0 17	18 25	2 9	15 9	0 26	7 53	0 59	3 35	16 57	22 36	22 36	21 30	16 19	6 57
F 9	5 27	18 20	1 27	12 41	1 5	6 32	0 22	22 29	0 47	22 26	0 17	18 25	2 10	15 8	0 26	7 54	0 59	3 36	16 57	22 36	22 36	21 32	16 20	6 56
S 10	5 4	22 3	0 14	12 17	1 14	7 2	0 19	22 24	0 48	22 27	0 17	18 25	2 10	15 8	0 26	7 54	0 59	3 36	16 57	22 36	22 36	21 34	16 20	6 56
S 11	4 42	24 25	1s 1	11 51	1 22	7 32	0 16	22 19	0 49	22 27	0 16	18 25	2 10	15 8	0 26	7 55	0 59	3 37	16 58	22 36	22 35	21 36	16 21	6 55
M12	4 19	25 14	2 11	11 22	1 29	8 2	0 13	22 13	0 50	22 28	0 16	18 25	2 10	15 7	0 26	7 56	0 59	3 37	16 58	22 36	22 35	21 38	16 21	6 55
T 13	3 56	24 26	3 13	10 50	1 35	8 32	0 10	22 8	0 51	22 29	0 16	18 25	2 10	15 7	0 26	7 56	0 59	3 37	16 58	22 35	22 35	21 39	16 22	6 54
W14	3 33	22 8	4 3	10 16	1 40	9 2	0 7	22 2	0 51	22 29	0 16	18 25	2 10	15 7	0 26	7 57	0 59	3 38	16 58	22 34	22 34	21 41	16 22	6 54
T 15	3 10	18 36	4 38	9 39	1 44	9 31	0 4	21 56	0 52	22 30	0 16	18 25	2 11	15 6	0 26	7 58	0 59	3 38	16 58	22 33	22 34	21 43	16 23	6 53
F 16	2 47	14 7	4 57	9 1	1 47	10 1	0 1	21 50	0 53	22 31	0 16	18 24	2 11	15 6	0 26	7 58	0 59	3 39	16 59	22 32	22 33	21 45	16 23	6 53
S 17	2 23	9 1	5 0	8 21	1 49	10 30	0s 2	21 44	0 54	22 32	0 15	18 24	2 11	15 5	0 26	7 59	0 59	3 39	16 59	22 31	22 33	21 47	16 24	6 52
S 18	2 0	3 37	4 46	7 40	1 50	10 59	0 5	21 38	0 55	22 33	0 15	18 24	2 11	15 5	0 26	7 59	0 59	3 40	16 59	22 29	22 33	21 48	16 24	6 52
M19	1 37	1n49	4 18	6 57	1 50	11 27	0 8	21 32	0 56	22 33	0 15	18 24	2 11	15 4	0 26	8 0	0 59	3 40	16 59	22 28	22 32	21 50	16 25	6 51
T 20	1 14	7 5	3 39	6 13	1 50	11 56	0 11	21 25	0 57	22 34	0 15	18 23	2 11	15 4	0 26	8 1	0 59	3 41	16 59	22 27	22 32	21 52	16 25	6 50
W21	0 50	11 59	2 49	5 29	1 49	12 24	0 15	21 19	0 58	22 35	0 15	18 23	2 12	15 4	0 26	8 1	0 59	3 41	17 0	22 26	22 32	21 54	16 26	6 50
T 22	0 27	16 21	1 53	4 43	1 47	12 52	0 18	21 12	0 59	22 36	0 15	18 23	2 12	15 3	0 26	8 2	0 59	3 42	17 0	22 25	22 31	21 56	16 26	6 49
F 23	0 4	20 0	0 52	3 57	1 45	13 19	0 21	21 5	0 59	22 37	0 15	18 22	2 12	15 3	0 26	8 2	0 59	3 42	17 0	22 25	22 31	21 57	16 27	6 49
S 24	0s20	22 49	0n10	3 11	1 42	13 47	0 24	20 58	1 0	22 37	0 14	18 22	2 12	15 2	0 26	8 3	0 59	3 43	17 0	22 25	22 30	21 59	16 27	6 48
S 25	0 43	24 38	1 12	2 24	1 39	14 14	0 28	20 51	1 1	22 38	0 14	18 22	2 12	15 2	0 26	8 4	0 59	3 43	17 0	22 25	22 30	22 1	16 28	6 48
M26	1 7	25 21	2 12	1 37	1 35	14 40	0 31	20 44	1 2	22 39	0 14	18 21	2 12	15 1	0 26	8 4	0 59	3 44	17 0	22 25	22 30	22 3	16 28	6 47
T 27	1 30	24 53	3 7	0 50	1 31	15 7	0 34	20 37	1 3	22 40	0 14	18 21	2 13	15 0	0 26	8 5	0 59	3 44	17 1	22 25	22 29	22 4	16 29	6 47
W28	1 54	23 13	3 54	0 3	1 27	15 33	0 37	20 30	1 4	22 41	0 14	18 20	2 13	15 0	0 26	8 5	0 59	3 44	17 1	22 24	22 29	22 6	16 29	6 46
T 29	2 17	20 21	4 31	0s44	1 22	15 58	0 41	20 22	1 5	22 42	0 14	18 20	2 13	14 59	0 26	8 6	0 59	3 45	17 1	22 24	22 29	22 8	16 30	6 46
F 30	2s40	16n24	4n55	1s31	1n17	16s23	0s44	20n15	1n 6	22s43	0n14	18n19	2s13	14n59	0s26	8s 6	0s59	3s45	17s 1	22n23	22n28	22n10	16s30	6n45

Julian Day Number = 2398097.5, Delta T = 10.30 sec
Ecliptic obliquity = 23°27'33, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°41'49, Lahiri = 21°48'49

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ASTRODIENST EPHEMERIS for the year 1853
geocentric

OCTOBER 1853 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 38 33	7♎42'43	12♍34	8♎32	14♏ 0	4♌58	18♐20	1°R33	11°R48	11°R38	2°R12	12°R50	13♊42	12♊26	7♑33	S 1
S 2	0 42 30	8°41'50	26°26	10°16	15°12	5°33	18°28	1♊31	11♉46	11♓36	2♉11	12♊39	13°39	12°33	7°35	S 2
M 3	0 46 26	9°40'58	10♎37	12° 0	16°24	6° 8	18°36	1°29	11°44	11°35	2°10	12°29	13°36	12°39	7°36	M 3
T 4	0 50 23	10°40'09	25° 3	13°44	17°35	6°43	18°45	1°27	11°42	11°34	2° 9	12°20	13°33	12°46	7°38	T 4
W 5	0 54 20	11°39'22	9♏36	15°26	18°47	7°18	18°54	1°25	11°40	11°32	2° 8	12°14	13°29	12°53	7°40	W 5
T 6	0 58 16	12°38'36	24°11	17° 8	19°59	7°53	19° 3	1°23	11°38	11°31	2° 7	12°10	13°26	12°59	7°42	T 6
F 7	1 2 13	13°37'53	8♐41	18°48	21°11	8°27	19°12	1°20	11°36	11°30	2° 6	12°D 9	13°23	13° 6	7°44	F 7
S 8	1 6 9	14°37'11	23° 3	20°29	22°23	9° 2	19°21	1°18	11°34	11°28	2° 5	12° 9	13°20	13°13	7°46	S 8
S 9	1 10 6	15°36'32	7♑14	22° 8	23°34	9°36	19°30	1°15	11°32	11°27	2° 4	12°10	13°17	13°19	7°48	S 9
M10	1 14 2	16°35'53	21°13	23°46	24°46	10°10	19°39	1°12	11°30	11°26	2° 3	12°R10	13°14	13°26	7°50	M10
T 11	1 17 59	17°35'17	4♒59	25°24	25°58	10°44	19°49	1°10	11°27	11°24	2° 2	12° 9	13°10	13°32	7°52	T 11
W12	1 21 55	18°34'42	18°33	27° 1	27° 9	11°18	19°58	1° 7	11°25	11°23	2° 1	12° 5	13° 7	13°39	7°55	W12
T 13	1 25 52	19°34'09	1♓55	28°38	28°21	11°52	20° 8	1° 4	11°23	11°22	2° 0	11°59	13° 4	13°46	7°57	T 13
F 14	1 29 49	20°33'38	15° 4	0♏13	29°32	12°26	20°18	1° 1	11°21	11°21	1°59	11°51	13° 1	13°52	7°59	F 14
S 15	1 33 45	21°33'09	28° 1	1°48	0♐44	13° 0	20°28	0°58	11°19	11°20	1°57	11°42	12°58	13°59	8° 2	S 15
S 16	1 37 42	22°32'42	10♈46	3°23	1°55	13°33	20°38	0°54	11°16	11°18	1°56	11°33	12°54	14° 6	8° 5	S 16
M17	1 41 38	23°32'16	23°17	4°57	3° 6	14° 7	20°48	0°51	11°14	11°17	1°55	11°25	12°51	14°12	8° 7	M17
T 18	1 45 35	24°31'53	5♉36	6°30	4°17	14°40	20°58	0°48	11°12	11°16	1°54	11°18	12°48	14°19	8°10	T 18
W19	1 49 31	25°31'31	17°43	8° 2	5°29	15°13	21° 8	0°44	11° 9	11°15	1°53	11°13	12°45	14°26	8°13	W19
T 20	1 53 28	26°31'12	29°41	9°34	6°40	15°46	21°19	0°41	11° 7	11°14	1°52	11°10	12°42	14°32	8°16	T 20
F 21	1 57 24	27°30'55	11♊31	11° 6	7°51	16°19	21°29	0°37	11° 4	11°13	1°51	11°D 9	12°39	14°39	8°19	F 21
S 22	2 1 21	28°30'41	23°18	12°37	9° 2	16°51	21°40	0°33	11° 2	11°12	1°50	11°10	12°35	14°46	8°22	S 22
S 23	2 5 18	29°30'28	5♋ 6	14° 7	10°13	17°24	21°51	0°30	11° 0	11°11	1°48	11°11	12°32	14°52	8°25	S 23
M24	2 9 14	0♏30'18	16°58	15°36	11°24	17°56	22° 1	0°26	10°57	11°10	1°47	11°13	12°29	14°59	8°28	M24
T 25	2 13 11	1°30'10	29° 1	17° 6	12°35	18°29	22°12	0°22	10°55	11° 9	1°46	11°R14	12°26	15° 6	8°32	T 25
W26	2 17 7	2°30'04	11♌19	18°34	13°45	19° 1	22°23	0°18	10°52	11° 8	1°45	11°13	12°23	15°12	8°35	W26
T 27	2 21 4	3°30'00	23°58	20° 2	14°56	19°33	22°34	0°14	10°50	11° 7	1°44	11°11	12°20	15°19	8°38	T 27
F 28	2 25 0	4°29'58	7♍ 1	21°29	16° 7	20° 5	22°46	0°10	10°47	11° 7	1°43	11° 8	12°16	15°25	8°42	F 28
S 29	2 28 57	5°29'59	20°30	22°56	17°17	20°36	22°57	0° 5	10°45	11° 6	1°42	11° 3	12°13	15°32	8°45	S 29
S 30	2 32 53	6°30'02	4♎27	24°22	18°28	21° 8	23° 8	0° 1	10°43	11° 5	1°40	10°57	12°10	15°39	8°49	S 30
M31	2 36 50	7♏30'06	18♎49	25♏48	19♐38	21♌39	23♐20	29♉57	10♉40	11♓ 4	1♉39	10♊52	12♊ 7	15♊45	8♑53	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s 4	11n31	5n 3	2s17	1n12	16s48	0s47	20n 7	1n 7	22s43	0n13	18n19	2s13	14n58	0s26	8s 7	0s59	3s46	17s 1	22n21	22n28	22n11	16s30	6n45
S 2	3 27	5 56	4 55	3 4	1 6	17 13	0 51	20 0	1 8	22 44	0 13	18 18	2 13	14 58	0 26	8 7	0 59	3 46	17 1	22 20	22 27	22 13	16 31	6 44
M 3	3 50	0s 6	4 28	3 50	1 0	17 37	0 54	19 52	1 9	22 45	0 13	18 18	2 14	14 57	0 26	8 8	0 59	3 47	17 1	22 19	22 27	22 15	16 31	6 44
T 4	4 14	6 14	3 44	4 35	0 54	18 1	0 57	19 44	1 10	22 46	0 13	18 17	2 14	14 56	0 26	8 9	0 59	3 47	17 2	22 18	22 27	22 17	16 32	6 43
W 5	4 37	12 6	2 45	5 21	0 48	18 24	1 1	19 36	1 11	22 47	0 13	18 17	2 14	14 56	0 26	8 9	0 59	3 48	17 2	22 17	22 26	22 18	16 32	6 43
T 6	5 0	17 18	1 35	6 6	0 42	18 47	1 4	19 28	1 12	22 48	0 13	18 16	2 14	14 55	0 26	8 10	0 59	3 48	17 2	22 16	22 26	22 20	16 33	6 42
F 7	5 23	21 28	0 19	6 50	0 35	19 9	1 7	19 20	1 13	22 49	0 13	18 15	2 14	14 54	0 26	8 10	0 59	3 49	17 2	22 16	22 25	22 22	16 33	6 42
S 8	5 46	24 15	0s58	7 34	0 29	19 31	1 10	19 12	1 14	22 50	0 12	18 15	2 14	14 54	0 26	8 11	0 59	3 49	17 2	22 16	22 25	22 24	16 33	6 41
S 9	6 9	25 26	2 10	8 17	0 22	19 52	1 14	19 4	1 14	22 50	0 12	18 14	2 14	14 53	0 26	8 11	0 59	3 49	17 2	22 16	22 25	22 25	16 34	6 41
M10	6 32	24 58	3 14	9 0	0 15	20 13	1 17	18 55	1 15	22 51	0 12	18 13	2 14	14 52	0 26	8 12	0 59	3 50	17 2	22 16	22 24	22 27	16 34	6 40
T 11	6 55	23 0	4 5	9 42	0 8	20 33	1 20	18 47	1 16	22 52	0 12	18 13	2 15	14 52	0 26	8 12	0 59	3 50	17 2	22 16	22 24	22 29	16 34	6 40
W12	7 17	19 44	4 41	10 24	0 2	20 53	1 23	18 38	1 17	22 53	0 12	18 12	2 15	14 51	0 26	8 12	0 59	3 51	17 2	22 16	22 24	22 30	16 35	6 39
T 13	7 40	15 30	5 2	11 5	0s 5	21 13	1 26	18 30	1 18	22 54	0 12	18 11	2 15	14 50	0 26	8 13	0 59	3 51	17 2	22 15	22 23	22 32	16 35	6 39
F 14	8 2	10 35	5 6	11 45	0 12	21 31	1 30	18 21	1 19	22 55	0 12	18 11	2 15	14 50	0 26	8 13	0 59	3 51	17 2	22 14	22 23	22 34	16 36	6 38
S 15	8 25	5 17	4 54	12 25	0 19	21 50	1 33	18 13	1 20	22 56	0 11	18 10	2 15	14 49	0 26	8 14	0 59	3 52	17 3	22 12	22 22	22 35	16 36	6 38
S 16	8 47	0n 9	4 28	13 4	0 26	22 7	1 36	18 4	1 21	22 56	0 11	18 9	2 15	14 48	0 26	8 14	0 59	3 52	17 3	22 11	22 22	22 37	16 36	6 37
M17	9 9	5 30	3 49	13 42	0 33	22 25	1 39	17 55	1 22	22 57	0 11	18 8	2 15	14 48	0 26	8 15	0 59	3 53	17 3	22 10	22 22	22 39	16 37	6 37
T 18	9 31	10 34	3 0	14 19	0 40	22 41	1 42	17 47	1 23	22 58	0 11	18 8	2 15	14 47	0 26	8 15	0 59	3 53	17 3	22 9	22 21	22 40	16 37	6 36
W19	9 53	15 9	2 3	14 56	0 46	22 57	1 45	17 38	1 24	22 59	0 11	18 7	2 15	14 46	0 26	8 15	0 59	3 53	17 3	22 8	22 21	22 42	16 37	6 36
T 20	10 14	19 6	1 2	15 32	0 53	23 12	1 48	17 29	1 25	23 0	0 11	18 6	2 16	14 45	0 26	8 16	0 59	3 54	17 3	22 8	22 20	22 44	16 37	6 35
F 21	10 36	22 13	0n 2	16 7	1 0	23 27	1 50	17 20	1 27	23 0	0 11	18 5	2 16	14 45	0 26	8 16	0 59	3 54	17 3	22 8	22 20	22 45	16 38	6 35
S 22	10 57	24 23	1 6	16 41	1 6	23 41	1 53	17 11	1 28	23 1	0 11	18 4	2 16	14 44	0 26	8 17	0 59	3 55	17 3	22 8	22 19	22 47	16 38	6 34
S 23	11 18	25 28	2 7	17 15	1 13	23 55	1 56	17 2	1 29	23 2	0 10	18 3	2 16	14 43	0 26	8 17	0 59	3 55	17 3	22 8	22 19	22 49	16 38	6 34
M24	11 40	25 24	3 3	17 47	1 19	24 7	1 59	16 53	1 30	23 3	0 10	18 3	2 16	14 42	0 26	8 17	0 59	3 55	17 3	22 8	22 19	22 50	16 38	6 34
T 25	12 0	24 9	3 51	18 19	1 25	24 20	2 1	16 44	1 31	23 4	0 10	18 2	2 16	14 42	0 26	8 18	0 59	3 56	17 3	22 9	22 18	22 52	16 39	6 33
W26	12 21	21 44	4 31	18 50	1 31	24 31	2 4	16 35	1 32	23 4	0 10	18 1	2 16	14 41	0 26	8 18	0 59	3 56	17 3	22 9	22 18	22 53	16 39	6 33
T 27	12 42	18 13	4 58	19 20	1 37	24 42	2 6	16 26	1 33	23 5	0 10	18 0	2 16	14 40	0 26	8 18	0 59	3 56	17 3	22 8	22 17	22 55	16 39	6 32
F 28	13 2	13 45	5 11	19 49	1 43	24 52	2 9	16 17	1 34	23 6	0 10	17 59	2 16	14 39	0 26	8 19	0 59	3 57	17 3	22 8	22 17	22 57	16 39	6 32
S 29	13 22	8 29	5 8	20 17	1 49	25 2	2 11	16 8	1 35	23 7	0 10	17 58	2 16	14 39	0 26	8 19	0 59	3 57	17 3	22 7	22 17	22 58	16 40	6 31
S 30	13 42	2 37	4 46	20 43	1 54	25 11	2 14	15 59	1 36	23 7	0 10	17 57	2 16	14 38	0 26	8 19	0 59	3 57	17 3	22 6	22 16	23 0	16 40	6 31
M31	14s 2	3s34	4n 7	21s 9	1s59	25s19	2s16	15n50	1n37	23s 8	0n 9	17n56	2s16	14n37	0s26	8s19	0s59	3s58	17s 3	22n 6	22n16	23n 1	16s40	6n31

Julian Day Number = 2398127.5, Delta T = 10.31 sec
Ecliptic obliquity = 23°27'33, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°41'53, Lahiri = 21°48'53

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ASTRODIENST EPHEMERIS for the year 1853
geocentric

NOVEMBER 1853 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 40 47	8♏30'13	3♏30	27♏12	20♐49	22♌10	23♐31	29°R53	10°R38	11°R 4	1°R38	10°R48	12♊ 4	15♊52	8♉56	T 1
W 2	2 44 43	9°30'22	18°25	28°36	21°59	22°41	23°43	29♉48	10♉35	11♓ 3	1♉37	10♊44	12° 0	15°59	9° 0	W 2
T 3	2 48 40	10°30'32	3♐23	29°59	23° 9	23°12	23°54	29°44	10°33	11° 2	1°36	10°43	11°57	16° 5	9° 4	T 3
F 4	2 52 36	11°30'45	18°18	1♑21	24°19	23°43	24° 6	29°39	10°30	11° 2	1°35	10°D43	11°54	16°12	9° 8	F 4
S 5	2 56 33	12°30'58	3♑ 2	2°43	25°29	24°13	24°18	29°35	10°28	11° 1	1°34	10°44	11°51	16°19	9°12	S 5
S 6	3 0 29	13°31'14	17°29	4° 3	26°39	24°44	24°30	29°30	10°25	11° 0	1°33	10°45	11°48	16°25	9°16	S 6
M 7	3 4 26	14°31'31	1♒38	5°22	27°49	25°14	24°42	29°25	10°23	11° 0	1°32	10°47	11°45	16°32	9°20	M 7
T 8	3 8 22	15°31'49	15°25	6°40	28°59	25°44	24°54	29°21	10°20	10°59	1°30	10°R47	11°41	16°39	9°24	T 8
W 9	3 12 19	16°32'09	28°54	7°56	0♑ 9	26°13	25° 6	29°16	10°18	10°59	1°29	10°47	11°38	16°45	9°28	W 9
T 10	3 16 16	17°32'30	12♓ 3	9°11	1°18	26°43	25°18	29°11	10°15	10°59	1°28	10°45	11°35	16°52	9°33	T 10
F 11	3 20 12	18°32'52	24°56	10°24	2°28	27°12	25°31	29° 6	10°13	10°58	1°27	10°42	11°32	16°58	9°37	F 11
S 12	3 24 9	19°33'16	7♈35	11°35	3°37	27°41	25°43	29° 2	10°10	10°58	1°26	10°39	11°29	17° 5	9°41	S 12
S 13	3 28 5	20°33'41	20° 1	12°44	4°46	28°10	25°55	28°57	10° 8	10°57	1°25	10°36	11°25	17°12	9°46	S 13
M14	3 32 2	21°34'08	2♉15	13°50	5°55	28°39	26° 8	28°52	10° 6	10°57	1°24	10°32	11°22	17°18	9°50	M14
T 15	3 35 58	22°34'36	14°21	14°54	7° 4	29° 8	26°20	28°47	10° 3	10°57	1°23	10°30	11°19	17°25	9°55	T 15
W16	3 39 55	23°35'06	26°19	15°54	8°13	29°36	26°33	28°42	10° 1	10°57	1°22	10°28	11°16	17°32	9°59	W16
T 17	3 43 51	24°35'38	8♊10	16°50	9°22	0♍ 4	26°46	28°37	9°58	10°56	1°21	10°D28	11°13	17°38	10° 4	T 17
F 18	3 47 48	25°36'11	19°59	17°43	10°31	0°32	26°58	28°32	9°56	10°56	1°20	10°28	11°10	17°45	10° 9	F 18
S 19	3 51 45	26°36'46	1♋46	18°31	11°39	1° 0	27°11	28°28	9°54	10°56	1°19	10°29	11° 6	17°52	10°13	S 19
S 20	3 55 41	27°37'22	13°34	19°13	12°47	1°27	27°24	28°23	9°51	10°56	1°18	10°30	11° 3	17°58	10°18	S 20
M21	3 59 38	28°38'00	25°28	19°50	13°56	1°54	27°37	28°18	9°49	10°56	1°17	10°31	11° 0	18° 5	10°23	M21
T 22	4 3 34	29°38'40	7♌31	20°20	15° 4	2°21	27°50	28°13	9°47	10°D56	1°16	10°33	10°57	18°12	10°28	T 22
W23	4 7 31	0♐39'21	19°47	20°43	16°11	2°48	28° 3	28° 8	9°44	10°56	1°15	10°33	10°54	18°18	10°33	W23
T 24	4 11 27	1°40'04	2♍21	20°57	17°19	3°14	28°16	28° 3	9°42	10°56	1°14	10°R33	10°51	18°25	10°38	T 24
F 25	4 15 24	2°40'48	15°18	21°R 3	18°27	3°41	28°29	27°58	9°40	10°56	1°13	10°33	10°47	18°32	10°43	F 25
S 26	4 19 20	3°41'34	28°39	20°59	19°34	4° 6	28°42	27°53	9°38	10°56	1°12	10°33	10°44	18°38	10°48	S 26
S 27	4 23 17	4°42'21	12♎28	20°44	20°41	4°32	28°55	27°48	9°36	10°56	1°11	10°32	10°41	18°45	10°53	S 27
M28	4 27 14	5°43'11	26°44	20°19	21°48	4°57	29° 8	27°43	9°33	10°57	1°10	10°31	10°38	18°51	10°58	M28
T 29	4 31 10	6°44'01	11♏25	19°42	22°55	5°23	29°21	27°39	9°31	10°57	1° 9	10°31	10°35	18°58	11° 3	T 29
W30	4 35 7	7♐44'53	26♏24	18♐55	24♑ 2	5♍47	29♐35	27♉34	9♉29	10♓57	1♉ 8	10♊31	10♊31	19♊ 5	11♑ 8	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s21	9s43	3n10	21s34	2s 4	25s26	2s18	15n41	1n38	23s 9	0n 9	17n55	2s16	14n36	0s26	8s20	0s59	3s58	17s 2	22n 5	22n15	23n 3	16s40	6n30
W 2	14 40	15 25	1 59	21 58	2 9	25 33	2 20	15 32	1 39	23 9	0 9	17 54	2 16	14 36	0 26	8 20	0 59	3 58	17 2	22 4	22 15	23 5	16 40	6 30
T 3	14 59	20 12	0 40	22 20	2 14	25 39	2 22	15 23	1 41	23 10	0 9	17 53	2 16	14 35	0 26	8 20	0 59	3 59	17 2	22 4	22 14	23 6	16 40	6 29
F 4	15 18	23 38	0s42	22 42	2 18	25 44	2 24	15 14	1 42	23 11	0 9	17 52	2 16	14 34	0 26	8 20	0 59	3 59	17 2	22 4	22 14	23 8	16 41	6 29
S 5	15 36	25 25	2 0	23 2	2 22	25 49	2 26	15 4	1 43	23 11	0 9	17 51	2 16	14 33	0 26	8 21	0 58	3 59	17 2	22 4	22 14	23 9	16 41	6 29
S 6	15 55	25 26	3 9	23 21	2 25	25 53	2 28	14 55	1 44	23 12	0 9	17 50	2 16	14 32	0 26	8 21	0 58	4 0	17 2	22 5	22 13	23 11	16 41	6 28
M 7	16 13	23 47	4 4	23 39	2 29	25 56	2 30	14 46	1 45	23 12	0 9	17 49	2 16	14 32	0 26	8 21	0 58	4 0	17 2	22 5	22 13	23 12	16 41	6 28
T 8	16 30	20 45	4 45	23 56	2 32	25 59	2 31	14 37	1 46	23 13	0 9	17 48	2 16	14 31	0 26	8 21	0 58	4 0	17 2	22 5	22 12	23 14	16 41	6 27
W 9	16 48	16 41	5 8	24 11	2 34	26 0	2 33	14 28	1 48	23 14	0 8	17 47	2 16	14 30	0 26	8 21	0 58	4 0	17 2	22 5	22 12	23 15	16 41	6 27
T 10	17 5	11 53	5 15	24 25	2 36	26 1	2 34	14 19	1 49	23 14	0 8	17 46	2 16	14 29	0 26	8 21	0 58	4 1	17 2	22 5	22 12	23 17	16 41	6 27
F 11	17 22	6 41	5 5	24 37	2 37	26 2	2 36	14 10	1 50	23 15	0 8	17 45	2 16	14 29	0 26	8 21	0 58	4 1	17 2	22 4	22 11	23 18	16 41	6 26
S 12	17 38	1 18	4 41	24 48	2 38	26 1	2 37	14 1	1 51	23 15	0 8	17 44	2 16	14 28	0 26	8 22	0 58	4 1	17 1	22 4	22 11	23 20	16 41	6 26
S 13	17 54	4n 4	4 4	24 58	2 39	26 0	2 38	13 52	1 52	23 16	0 8	17 43	2 16	14 27	0 26	8 22	0 58	4 1	17 1	22 3	22 10	23 22	16 41	6 26
M14	18 10	9 12	3 16	25 6	2 39	25 58	2 39	13 44	1 54	23 16	0 8	17 42	2 16	14 26	0 26	8 22	0 58	4 1	17 1	22 3	22 10	23 23	16 41	6 25
T 15	18 26	13 56	2 20	25 13	2 38	25 56	2 40	13 35	1 55	23 17	0 8	17 41	2 16	14 26	0 26	8 22	0 58	4 2	17 1	22 2	22 9	23 25	16 41	6 25
W16	18 41	18 5	1 18	25 18	2 36	25 53	2 41	13 26	1 56	23 17	0 8	17 40	2 16	14 25	0 26	8 22	0 58	4 2	17 1	22 2	22 9	23 26	16 41	6 25
T 17	18 56	21 29	0 13	25 21	2 34	25 49	2 42	13 17	1 57	23 18	0 8	17 39	2 16	14 24	0 26	8 22	0 58	4 2	17 1	22 2	22 8	23 28	16 41	6 24
F 18	19 11	23 57	0n53	25 23	2 30	25 44	2 42	13 8	1 58	23 18	0 7	17 38	2 16	14 23	0 26	8 22	0 58	4 2	17 1	22 2	22 8	23 29	16 41	6 24
S 19	19 25	25 22	1 55	25 23	2 26	25 39	2 43	13 0	2 0	23 18	0 7	17 37	2 16	14 23	0 26	8 22	0 58	4 2	17 0	22 2	22 8	23 31	16 41	6 24
S 20	19 39	25 39	2 54	25 21	2 21	25 33	2 43	12 51	2 1	23 19	0 7	17 36	2 16	14 22	0 26	8 22	0 58	4 3	17 0	22 2	22 7	23 32	16 41	6 23
M21	19 52	24 45	3 45	25 18	2 14	25 26	2 43	12 43	2 2	23 19	0 7	17 35	2 16	14 21	0 26	8 22	0 58	4 3	17 0	22 3	22 7	23 33	16 41	6 23
T 22	20 5	22 42	4 27	25 13	2 7	25 19	2 43	12 34	2 4	23 19	0 7	17 34	2 16	14 21	0 26	8 22	0 58	4 3	17 0	22 3	22 6	23 35	16 41	6 23
W23	20 18	19 35	4 57	25 5	1 58	25 11	2 43	12 26	2 5	23 20	0 7	17 33	2 16	14 20	0 26	8 22	0 58	4 3	17 0	22 3	22 6	23 36	16 41	6 23
T 24	20 31	15 32	5 15	24 56	1 47	25 2	2 43	12 17	2 6	23 20	0 7	17 32	2 16	14 19	0 26	8 22	0 58	4 3	17 0	22 3	22 5	23 38	16 41	6 22
F 25	20 43	10 40	5 17	24 45	1 36	24 53	2 43	12 9	2 8	23 20	0 7	17 31	2 16	14 18	0 26	8 22	0 58	4 3	16 59	22 3	22 5	23 39	16 41	6 22
S 26	20 54	5 9	5 2	24 31	1 22	24 43	2 43	12 1	2 9	23 21	0 7	17 30	2 16	14 18	0 26	8 22	0 58	4 3	16 59	22 3	22 4	23 41	16 41	6 22
S 27	21 6	0s47	4 30	24 16	1 8	24 32	2 42	11 53	2 10	23 21	0 7	17 29	2 16	14 17	0 26	8 22	0 58	4 4	16 59	22 3	22 4	23 42	16 40	6 22
M28	21 17	6 53	3 40	23 58	0 52	24 21	2 42	11 45	2 12	23 21	0 6	17 28	2 15	14 16	0 26	8 22	0 58	4 4	16 59	22 3	22 4	23 44	16 40	6 21
T 29	21 27	12 49	2 35	23 38	0 34	24 9	2 41	11 37	2 13	23 21	0 6	17 27	2 15	14 16	0 26	8 22	0 58	4 4	16 58	22 3	22 3	23 45	16 40	6 21
W30	21s37	18s 6	1n18	23s15	0s16	23s57	2s40	11n29	2n14	23s21	0n 6	17n26	2s15	14n15	0s26	8s22	0s58	4s 4	16s58	22n 3	22n 3	23n46	16s40	6n21

Julian Day Number = 2398158.5, Delta T = 10.32 sec
Ecliptic obliquity = 23°27'33, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°41'57, Lahiri = 21°48'58

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ASTRODIENST EPHEMERIS for the year 1853
geocentric

DECEMBER 1853 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 39 3	8♐45'46	11♐35	17°R57	25♑ 8	6♍12	29♐48	27°R29	9°R27	10♓57	1°R 8	10°D31	10♊28	19♊11	11♑13	T 1
F 2	4 43 0	9°46'41	26°48	16♐50	26°15	6°36	0♑ 1	27♉24	9♉25	10°58	1♉ 7	10♊31	10°25	19°18	11°19	F 2
S 3	4 46 56	10°47'36	11♑52	15°36	27°21	7° 0	0°15	27°20	9°23	10°58	1° 6	10°R31	10°22	19°25	11°24	S 3
S 4	4 50 53	11°48'32	26°40	14°16	28°27	7°24	0°28	27°15	9°21	10°58	1° 5	10°31	10°19	19°31	11°29	S 4
M 5	4 54 49	12°49'29	11♒ 5	12°53	29°32	7°47	0°42	27°10	9°19	10°59	1° 4	10°30	10°16	19°38	11°34	M 5
T 6	4 58 46	13°50'27	25° 5	11°31	0♒38	8°10	0°55	27° 6	9°17	10°59	1° 3	10°30	10°12	19°45	11°40	T 6
W 7	5 2 43	14°51'25	8♓39	10°11	1°43	8°32	1° 9	27° 1	9°15	11° 0	1° 3	10°D30	10° 9	19°51	11°45	W 7
T 8	5 6 39	15°52'24	21°48	8°56	2°47	8°55	1°22	26°56	9°13	11° 0	1° 2	10°30	10° 6	19°58	11°51	T 8
F 9	5 10 36	16°53'23	4♈35	7°50	3°52	9°17	1°36	26°52	9°12	11° 1	1° 1	10°30	10° 3	20° 5	11°56	F 9
S 10	5 14 32	17°54'23	17° 4	6°52	4°56	9°38	1°49	26°48	9°10	11° 1	1° 0	10°31	10° 0	20°11	12° 2	S 10
S 11	5 18 29	18°55'24	29°18	6° 5	6° 0	9°59	2° 3	26°43	9° 8	11° 2	1° 0	10°32	9°57	20°18	12° 7	S 11
M12	5 22 25	19°56'25	11♉21	5°29	7° 4	10°20	2°17	26°39	9° 6	11° 3	0°59	10°33	9°53	20°25	12°13	M12
T 13	5 26 22	20°57'27	23°16	5° 4	8° 7	10°41	2°30	26°35	9° 5	11° 3	0°58	10°34	9°50	20°31	12°18	T 13
W14	5 30 18	21°58'29	5♊ 6	4°50	9°10	11° 1	2°44	26°30	9° 3	11° 4	0°58	10°R34	9°47	20°38	12°24	W14
T 15	5 34 15	22°59'32	16°54	4°D46	10°13	11°21	2°58	26°26	9° 1	11° 5	0°57	10°34	9°44	20°44	12°29	T 15
F 16	5 38 12	24° 0'36	28°42	4°53	11°16	11°40	3°12	26°22	9° 0	11° 6	0°56	10°33	9°41	20°51	12°35	F 16
S 17	5 42 8	25° 1'40	10♋32	5° 8	12°18	11°59	3°25	26°18	8°58	11° 6	0°56	10°32	9°37	20°58	12°41	S 17
S 18	5 46 5	26° 2'45	22°26	5°32	13°19	12°17	3°39	26°14	8°57	11° 7	0°55	10°30	9°34	21° 4	12°46	S 18
M19	5 50 1	27° 3'51	4♌27	6° 3	14°20	12°35	3°53	26°10	8°55	11° 8	0°55	10°27	9°31	21°11	12°52	M19
T 20	5 53 58	28° 4'57	16°36	6°41	15°21	12°53	4° 7	26° 7	8°54	11° 9	0°54	10°24	9°28	21°18	12°58	T 20
W21	5 57 54	29° 6'04	28°56	7°25	16°22	13°10	4°20	26° 3	8°53	11°10	0°53	10°22	9°25	21°24	13° 3	W21
T 22	6 1 51	0♑ 7'12	11♍31	8°14	17°22	13°27	4°34	25°59	8°51	11°11	0°53	10°20	9°22	21°31	13° 9	T 22
F 23	6 5 48	1° 8'20	24°23	9° 8	18°21	13°43	4°48	25°56	8°50	11°12	0°52	10°19	9°18	21°38	13°15	F 23
S 24	6 9 44	2° 9'28	7♎36	10° 6	19°20	13°59	5° 2	25°52	8°49	11°13	0°52	10°D18	9°15	21°44	13°21	S 24
S 25	6 13 41	3°10'38	21°12	11° 8	20°19	14°14	5°16	25°49	8°48	11°14	0°52	10°19	9°12	21°51	13°26	S 25
M26	6 17 37	4°11'48	5♏13	12°13	21°17	14°29	5°30	25°46	8°47	11°15	0°51	10°21	9° 9	21°58	13°32	M26
T 27	6 21 34	5°12'58	19°38	13°21	22°15	14°43	5°44	25°42	8°45	11°17	0°51	10°22	9° 6	22° 4	13°38	T 27
W28	6 25 30	6°14'09	4♐25	14°31	23°12	14°57	5°57	25°39	8°44	11°18	0°50	10°R23	9° 3	22°11	13°44	W28
T 29	6 29 27	7°15'21	19°28	15°43	24° 8	15°10	6°11	25°36	8°43	11°19	0°50	10°23	8°59	22°18	13°50	T 29
F 30	6 33 23	8°16'32	4♑40	16°58	25° 4	15°23	6°25	25°33	8°43	11°20	0°50	10°21	8°56	22°24	13°55	F 30
S 31	6 37 20	9♑17'44	19♑51	18♐14	26♒ 0	15♍35	6♑39	25♉30	8♉42	11♓21	0♉49	10♊18	8♊53	22♊31	14♑ 1	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s47	22s17	0s 6	22s51	0n 4	23s44	2s39	11n21	2n16	23s21	0n 6	17n25	2s15	14n14	0s26	8s21	0s58	4s 4	16s58	22n 3	22n 2	23n48	16s40	6n21
F 2	21 56	24 55	1 29	22 24	0 24	23 30	2 38	11 13	2 17	23 22	0 6	17 24	2 15	14 14	0 26	8 21	0 58	4 4	16 58	22 3	22 2	23 49	16 40	6 20
S 3	22 5	25 41	2 46	21 56	0 45	23 16	2 36	11 6	2 19	23 22	0 6	17 23	2 15	14 13	0 26	8 21	0 58	4 4	16 58	22 3	22 1	23 51	16 39	6 20
S 4	22 13	24 36	3 50	21 28	1 5	23 1	2 35	10 58	2 20	23 22	0 6	17 22	2 15	14 13	0 26	8 21	0 58	4 4	16 57	22 2	22 1	23 52	16 39	6 20
M 5	22 21	21 54	4 37	20 58	1 24	22 46	2 33	10 51	2 22	23 22	0 6	17 22	2 15	14 12	0 26	8 21	0 58	4 4	16 57	22 2	22 0	23 53	16 39	6 20
T 6	22 29	17 59	5 7	20 30	1 42	22 30	2 32	10 44	2 23	23 22	0 6	17 21	2 14	14 11	0 26	8 21	0 58	4 4	16 57	22 2	22 0	23 55	16 39	6 20
W 7	22 36	13 14	5 18	20 2	1 59	22 14	2 30	10 36	2 25	23 22	0 6	17 20	2 14	14 11	0 26	8 20	0 58	4 4	16 57	22 2	21 59	23 56	16 38	6 19
T 8	22 43	8 2	5 12	19 37	2 13	21 57	2 28	10 29	2 26	23 22	0 5	17 19	2 14	14 10	0 26	8 20	0 58	4 4	16 56	22 2	21 59	23 58	16 38	6 19
F 9	22 49	2 37	4 50	19 15	2 25	21 39	2 25	10 22	2 28	23 22	0 5	17 18	2 14	14 10	0 26	8 20	0 58	4 4	16 56	22 2	21 58	23 59	16 38	6 19
S 10	22 55	2n46	4 16	18 56	2 35	21 22	2 23	10 16	2 29	23 22	0 5	17 17	2 14	14 9	0 26	8 20	0 58	4 4	16 56	22 3	21 58	24 0	16 37	6 19
S 11	23 0	7 58	3 30	18 40	2 42	21 3	2 21	10 9	2 31	23 21	0 5	17 16	2 14	14 9	0 26	8 19	0 58	4 4	16 55	22 3	21 58	24 2	16 37	6 19
M12	23 5	12 47	2 35	18 29	2 48	20 45	2 18	10 3	2 32	23 21	0 5	17 15	2 13	14 8	0 26	8 19	0 58	4 4	16 55	22 3	21 57	24 3	16 37	6 19
T 13	23 9	17 5	1 35	18 21	2 51	20 25	2 15	9 56	2 34	23 21	0 5	17 15	2 13	14 8	0 26	8 19	0 58	4 4	16 55	22 3	21 57	24 4	16 36	6 18
W14	23 13	20 40	0 30	18 17	2 52	20 6	2 12	9 50	2 35	23 21	0 5	17 14	2 13	14 7	0 26	8 19	0 58	4 4	16 55	22 3	21 56	24 6	16 36	6 18
T 15	23 16	23 24	0n35	18 17	2 52	19 46	2 9	9 44	2 37	23 21	0 5	17 13	2 13	14 7	0 26	8 18	0 58	4 4	16 54	22 3	21 56	24 7	16 36	6 18
F 16	23 19	25 6	1 39	18 20	2 50	19 25	2 5	9 38	2 38	23 21	0 5	17 12	2 13	14 6	0 26	8 18	0 58	4 4	16 54	22 3	21 55	24 8	16 35	6 18
S 17	23 22	25 41	2 39	18 26	2 47	19 4	2 2	9 32	2 40	23 20	0 5	17 12	2 13	14 6	0 26	8 18	0 58	4 4	16 54	22 3	21 55	24 10	16 35	6 18
S 18	23 24	25 4	3 32	18 34	2 43	18 43	1 58	9 27	2 42	23 20	0 4	17 11	2 12	14 5	0 26	8 17	0 58	4 4	16 53	22 2	21 54	24 11	16 34	6 18
M19	23 26	23 18	4 16	18 44	2 38	18 22	1 54	9 21	2 43	23 20	0 4	17 10	2 12	14 5	0 26	8 17	0 57	4 3	16 53	22 2	21 54	24 12	16 34	6 18
T 20	23 27	20 28	4 49	18 56	2 33	18 0	1 50	9 16	2 45	23 19	0 4	17 10	2 12	14 4	0 26	8 16	0 57	4 3	16 53	22 2	21 53	24 14	16 34	6 18
W21	23 27	16 41	5 9	19 10	2 26	17 38	1 46	9 11	2 47	23 19	0 4	17 9	2 12	14 4	0 26	8 16	0 57	4 3	16 52	22 1	21 53	24 15	16 33	6 18
T 22	23 28	12 7	5 16	19 24	2 19	17 15	1 41	9 6	2 48	23 19	0 4	17 8	2 12	14 4	0 26	8 16	0 57	4 3	16 52	22 1	21 52	24 16	16 33	6 18
F 23	23 27	6 55	5 6	19 40	2 12	16 52	1 37	9 1	2 50	23 18	0 4	17 8	2 11	14 3	0 26	8 15	0 57	4 3	16 52	22 1	21 52	24 18	16 32	6 18
S 24	23 26	1 17	4 41	19 56	2 5	16 29	1 32	8 57	2 52	23 18	0 4	17 7	2 11	14 3	0 25	8 15	0 57	4 3	16 52	22 1	21 51	24 19	16 32	6 17
S 25	23 25	4s35	3 59	20 12	1 57	16 6	1 27	8 52	2 53	23 17	0 4	17 6	2 11	14 2	0 25	8 14	0 57	4 3	16 51	22 1	21 51	24 20	16 31	6 17
M26	23 24	10 25	3 2	20 29	1 49	15 43	1 22	8 48	2 55	23 17	0 4	17 6	2 11	14 2	0 25	8 14	0 57	4 3	16 51	22 1	21 50	24 21	16 31	6 17
T 27	23 21	15 52	1 52	20 46	1 40	15 19	1 16	8 44	2 57	23 17	0 4	17 5	2 10	14 2	0 25	8 14	0 57	4 2	16 51	22 1	21 50	24 23	16 30	6 17
W28	23 19	20 30	0 33	21 2	1 32	14 55	1 11	8 41	2 59	23 16	0 3	17 5	2 10	14 2	0 25	8 13	0 57	4 2	16 50	22 1	21 49	24 24	16 30	6 17
T 29	23 16	23 52	0s50	21 19	1 24	14 31	1 5	8 37	3 0	23 15	0 3	17 4	2 10	14 1	0 25	8 13	0 57	4 2	16 50	22 1	21 49	24 25	16 29	6 17
F 30	23 12	25 32	2 10	21 34	1 15	14 6	0 59	8 34	3 2	23 15	0 3	17 4	2 10	14 1	0 25	8 12	0 57	4 2	16 50	22 1	21 48	24 26	16 29	6 17
S 31	23s 8	25s17	3s20	21s50	1n 7	13s42	0s53	8n31	3n 4	23s14	0n 3	17n 3	2s 9	14n 1	0s25	8s12	0s57	4s 2	16s49	22n 1	21n48	24n28	16s28	6n17

Julian Day Number = 2398188.5, Delta T = 10.33 sec
Ecliptic obliquity = 23°27'32, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°42'01, Lahiri = 21°49'02

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ASTRODIENST EPHEMERIS for the year 1854
geocentric

JANUARY 1854 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 41 17	10♑18'56	4♒50	19♐32	26♒54	15♍47	6♑53	25°R28	8°R41	11♓23	0°R49	10°R14	8♊50	22♊38	14♑ 7	S 1
M 2	6 45 13	11°20'07	19°29	20°51	27°48	15°58	7° 7	25♉25	8♉40	11°24	0♉49	10♊ 9	8°47	22°44	14°13	M 2
T 3	6 49 10	12°21'18	3♓43	22°11	28°42	16° 8	7°21	25°22	8°39	11°25	0°48	10° 5	8°43	22°51	14°19	T 3
W 4	6 53 6	13°22'29	17°28	23°33	29°35	16°18	7°34	25°20	8°39	11°27	0°48	10° 1	8°40	22°57	14°24	W 4
T 5	6 57 3	14°23'40	0♈45	24°56	0♓27	16°27	7°48	25°17	8°38	11°28	0°48	9°58	8°37	23° 4	14°30	T 5
F 6	7 0 59	15°24'49	13°35	26°19	1°18	16°36	8° 2	25°15	8°37	11°30	0°48	9°D57	8°34	23°11	14°36	F 6
S 7	7 4 56	16°25'59	26° 3	27°44	2° 8	16°44	8°16	25°13	8°37	11°31	0°48	9°58	8°31	23°17	14°42	S 7
S 8	7 8 52	17°27'08	8♉13	29° 9	2°58	16°51	8°30	25°11	8°36	11°33	0°47	9°59	8°28	23°24	14°48	S 8
M 9	7 12 49	18°28'16	20°11	0♑35	3°47	16°58	8°44	25° 9	8°36	11°34	0°47	10° 1	8°24	23°31	14°53	M 9
T 10	7 16 46	19°29'24	2♊ 1	2° 1	4°35	17° 4	8°57	25° 7	8°36	11°36	0°47	10° 2	8°21	23°37	14°59	T 10
W11	7 20 42	20°30'32	13°48	3°29	5°21	17° 9	9°11	25° 5	8°35	11°37	0°47	10°R 3	8°18	23°44	15° 5	W11
T 12	7 24 39	21°31'39	25°35	4°57	6° 7	17°14	9°25	25° 4	8°35	11°39	0°47	10° 1	8°15	23°51	15°11	T 12
F 13	7 28 35	22°32'45	7♋25	6°26	6°52	17°18	9°39	25° 2	8°35	11°40	0°47	9°58	8°12	23°57	15°17	F 13
S 14	7 32 32	23°33'51	19°21	7°55	7°36	17°22	9°52	25° 1	8°35	11°42	0°47	9°52	8° 9	24° 4	15°22	S 14
S 15	7 36 28	24°34'57	1♌25	9°25	8°19	17°24	10° 6	25° 0	8°35	11°44	0°D47	9°44	8° 5	24°11	15°28	S 15
M16	7 40 25	25°36'02	13°37	10°55	9° 1	17°26	10°20	24°58	8°34	11°45	0°47	9°36	8° 2	24°17	15°34	M16
T 17	7 44 22	26°37'06	26° 0	12°26	9°41	17°27	10°33	24°57	8°D34	11°47	0°47	9°26	7°59	24°24	15°40	T 17
W18	7 48 18	27°38'10	8♍33	13°58	10°20	17°R28	10°47	24°56	8°35	11°49	0°47	9°18	7°56	24°31	15°45	W18
T 19	7 52 15	28°39'13	21°18	15°30	10°58	17°27	11° 0	24°55	8°35	11°51	0°47	9°10	7°53	24°37	15°51	T 19
F 20	7 56 11	29°40'16	4♎16	17° 3	11°35	17°26	11°14	24°55	8°35	11°52	0°47	9° 5	7°49	24°44	15°57	F 20
S 21	8 0 8	0♒41'18	17°29	18°36	12°10	17°24	11°28	24°54	8°35	11°54	0°47	9° 2	7°46	24°51	16° 2	S 21
S 22	8 4 4	1°42'20	0♏59	20°10	12°44	17°22	11°41	24°54	8°35	11°56	0°48	9°D 1	7°43	24°57	16° 8	S 22
M23	8 8 1	2°43'22	14°47	21°45	13°16	17°18	11°54	24°53	8°35	11°58	0°48	9° 2	7°40	25° 4	16°14	M23
T 24	8 11 57	3°44'23	28°54	23°20	13°47	17°14	12° 8	24°53	8°36	12° 0	0°48	9° 2	7°37	25°10	16°19	T 24
W25	8 15 54	4°45'24	13♐20	24°56	14°16	17° 9	12°21	24°53	8°36	12° 2	0°48	9°R 3	7°34	25°17	16°25	W25
T 26	8 19 51	5°46'24	28° 2	26°32	14°44	17° 3	12°35	24°D53	8°37	12° 4	0°48	9° 1	7°30	25°24	16°30	T 26
F 27	8 23 47	6°47'23	12♑55	28° 9	15°10	16°57	12°48	24°53	8°37	12° 6	0°49	8°57	7°27	25°30	16°36	F 27
S 28	8 27 44	7°48'21	27°52	29°47	15°34	16°49	13° 1	24°53	8°38	12° 8	0°49	8°51	7°24	25°37	16°41	S 28
S 29	8 31 40	8°49'19	12♒44	1♒25	15°56	16°41	13°14	24°53	8°38	12° 9	0°49	8°42	7°21	25°44	16°47	S 29
M30	8 35 37	9°50'15	27°22	3° 5	16°16	16°32	13°28	24°53	8°39	12°11	0°50	8°32	7°18	25°50	16°52	M30
T 31	8 39 33	10♒51'10	11♓39	4♒44	16♓35	16♍22	13♑41	24♉54	8♉40	12♓13	0♉50	8♊21	7♊15	25♊57	16♑58	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 3	23s12	4s15	22s 5	0n58	13s17	0s47	8n28	3n 6	23s14	0n 3	17n 3	2s 9	14n 0	0s25	8s11	0s57	4s 1	16s49	22n 0	21n47	24n29	16s27	6n17
M 2	22 59	19 37	4 53	22 19	0 50	12 52	0 40	8 25	3 8	23 13	0 3	17 3	2 9	14 0	0 25	8 11	0 57	4 1	16 48	21 59	21 47	24 30	16 27	6 17
T 3	22 53	14 58	5 11	22 32	0 42	12 27	0 33	8 23	3 9	23 12	0 3	17 2	2 9	14 0	0 25	8 10	0 57	4 1	16 48	21 59	21 47	24 31	16 26	6 17
W 4	22 47	9 43	5 10	22 45	0 33	12 2	0 26	8 21	3 11	23 12	0 3	17 2	2 8	14 0	0 25	8 9	0 57	4 1	16 48	21 58	21 46	24 33	16 26	6 17
T 5	22 41	4 11	4 53	22 57	0 25	11 37	0 19	8 19	3 13	23 11	0 3	17 2	2 8	14 0	0 25	8 9	0 57	4 0	16 47	21 58	21 46	24 34	16 25	6 17
F 6	22 34	1n21	4 21	23 7	0 17	11 12	0 12	8 17	3 15	23 10	0 3	17 1	2 8	14 0	0 25	8 8	0 57	4 0	16 47	21 58	21 45	24 35	16 24	6 17
S 7	22 27	6 41	3 37	23 17	0 9	10 47	0 4	8 16	3 17	23 10	0 3	17 1	2 8	13 59	0 25	8 8	0 57	4 0	16 47	21 58	21 45	24 36	16 24	6 17
S 8	22 19	11 39	2 45	23 26	0 1	10 22	0n 4	8 15	3 19	23 9	0 2	17 1	2 7	13 59	0 25	8 7	0 57	4 0	16 46	21 58	21 44	24 37	16 23	6 18
M 9	22 11	16 6	1 46	23 34	0s 6	9 57	0 12	8 14	3 21	23 8	0 2	17 1	2 7	13 59	0 25	8 7	0 57	3 59	16 46	21 58	21 44	24 39	16 22	6 18
T 10	22 3	19 52	0 44	23 40	0 14	9 32	0 20	8 13	3 23	23 7	0 2	17 0	2 7	13 59	0 25	8 6	0 57	3 59	16 46	21 58	21 43	24 40	16 22	6 18
W11	21 54	22 49	0n20	23 46	0 21	9 7	0 28	8 13	3 24	23 6	0 2	17 0	2 7	13 59	0 25	8 5	0 57	3 59	16 45	21 58	21 43	24 41	16 21	6 18
T 12	21 44	24 47	1 23	23 50	0 28	8 42	0 37	8 13	3 26	23 5	0 2	17 0	2 6	13 59	0 25	8 5	0 57	3 58	16 45	21 58	21 42	24 42	16 20	6 18
F 13	21 34	25 38	2 23	23 53	0 35	8 17	0 46	8 13	3 28	23 5	0 2	17 0	2 6	13 59	0 25	8 4	0 57	3 58	16 45	21 58	21 42	24 43	16 19	6 18
S 14	21 24	25 18	3 17	23 55	0 42	7 52	0 55	8 13	3 30	23 4	0 2	17 0	2 6	13 59	0 25	8 3	0 57	3 58	16 44	21 57	21 41	24 44	16 19	6 18
S 15	21 13	23 48	4 2	23 56	0 48	7 28	1 4	8 14	3 32	23 3	0 2	17 0	2 6	13 59	0 25	8 3	0 57	3 57	16 44	21 56	21 40	24 46	16 18	6 18
M16	21 2	21 10	4 37	23 55	0 55	7 3	1 14	8 15	3 34	23 2	0 2	17 0	2 5	13 59	0 25	8 2	0 57	3 57	16 44	21 54	21 40	24 47	16 17	6 18
T 17	20 51	17 33	4 59	23 53	1 1	6 39	1 24	8 16	3 36	23 1	0 2	17 0	2 5	13 59	0 25	8 1	0 57	3 57	16 43	21 53	21 39	24 48	16 16	6 18
W18	20 39	13 7	5 7	23 50	1 7	6 15	1 34	8 18	3 38	23 0	0 1	17 0	2 5	13 59	0 25	8 1	0 57	3 56	16 43	21 52	21 39	24 49	16 16	6 19
T 19	20 27	8 3	5 1	23 45	1 12	5 51	1 44	8 20	3 39	22 59	0 1	17 0	2 4	13 59	0 25	8 0	0 57	3 56	16 42	21 51	21 38	24 50	16 15	6 19
F 20	20 14	2 34	4 38	23 39	1 18	5 28	1 54	8 22	3 41	22 58	0 1	17 0	2 4	13 59	0 25	7 59	0 57	3 56	16 42	21 50	21 38	24 51	16 14	6 19
S 21	20 1	3s 9	4 1	23 32	1 23	5 4	2 5	8 24	3 43	22 57	0 1	17 0	2 4	13 59	0 25	7 59	0 57	3 55	16 42	21 49	21 37	24 52	16 13	6 19
S 22	19 48	8 51	3 10	23 23	1 28	4 42	2 16	8 27	3 45	22 56	0 1	17 0	2 4	13 59	0 25	7 58	0 57	3 55	16 41	21 49	21 37	24 53	16 13	6 19
M23	19 34	14 16	2 7	23 13	1 33	4 19	2 27	8 30	3 47	22 55	0 1	17 1	2 3	13 59	0 25	7 57	0 57	3 54	16 41	21 49	21 36	24 54	16 12	6 19
T 24	19 20	19 3	0 54	23 2	1 37	3 57	2 38	8 33	3 49	22 53	0 1	17 1	2 3	13 59	0 25	7 57	0 57	3 54	16 41	21 49	21 36	24 56	16 11	6 19
W25	19 5	22 48	0s23	22 49	1 41	3 35	2 50	8 37	3 50	22 52	0 1	17 1	2 3	14 0	0 25	7 56	0 57	3 54	16 40	21 49	21 35	24 57	16 10	6 20
T 26	18 51	25 7	1 40	22 35	1 45	3 14	3 1	8 41	3 52	22 51	0 1	17 1	2 2	14 0	0 25	7 55	0 57	3 53	16 40	21 49	21 35	24 58	16 9	6 20
F 27	18 35	25 40	2 51	22 19	1 48	2 53	3 13	8 45	3 54	22 50	0 1	17 2	2 2	14 0	0 25	7 54	0 57	3 53	16 40	21 49	21 34	24 59	16 8	6 20
S 28	18 20	24 22	3 50	22 2	1 52	2 32	3 25	8 49	3 56	22 49	0 1	17 2	2 2	14 0	0 24	7 54	0 57	3 52	16 39	21 48	21 34	25 0	16 7	6 20
S 29	18 4	21 23	4 34	21 43	1 55	2 12	3 38	8 54	3 57	22 48	0 0	17 2	2 2	14 0	0 24	7 53	0 57	3 52	16 39	21 46	21 33	25 1	16 7	6 20
M30	17 48	17 4	4 58	21 23	1 57	1 53	3 50	8 59	3 59	22 46	0 0	17 3	2 1	14 1	0 24	7 52	0 57	3 51	16 38	21 45	21 33	25 2	16 6	6 21
T 31	17s31	11s52	5s 4	21s 2	1s59	1s34	4n 3	9n 5	4n 1	22s45	0n 0	17n 3	2s 1	14n 1	0s24	7s51	0s57	3s51	16s38	21n43	21n32	25n 3	16s 5	6n21

Julian Day Number = 2398219.5, Delta T = 10.33 sec
Ecliptic obliquity = 23°27'33, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°42'06, Lahiri = 21°49'06

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1854
geocentric

FEBRUARY 1854 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 43 30	11♒52'04	25♓30	6♒25	16♓51	16°R11	13♑54	24♉54	8♉41	12♓15	0♉50	8°R12	7♊11	26♊ 4	17♑ 3	W 1
T 2	8 47 26	12°52'57	8♈53	8° 6	17° 5	16♍ 0	14° 7	24°55	8°41	12°18	0°51	8♊ 5	7° 8	26°10	17° 9	T 2
F 3	8 51 23	13°53'48	21°49	9°48	17°17	15°48	14°20	24°56	8°42	12°20	0°51	8° 0	7° 5	26°17	17°14	F 3
S 4	8 55 20	14°54'38	4♉21	11°31	17°27	15°35	14°33	24°57	8°43	12°22	0°52	7°58	7° 2	26°24	17°19	S 4
S 5	8 59 16	15°55'26	16°34	13°14	17°34	15°21	14°46	24°58	8°44	12°24	0°52	7°D57	6°59	26°30	17°25	S 5
M 6	9 3 13	16°56'13	28°32	14°59	17°39	15° 7	14°59	24°59	8°45	12°26	0°52	7°58	6°55	26°37	17°30	M 6
T 7	9 7 9	17°56'58	10♊22	16°44	17°42	14°52	15°11	25° 0	8°46	12°28	0°53	7°R58	6°52	26°44	17°35	T 7
W 8	9 11 6	18°57'42	22° 8	18°30	17°R42	14°36	15°24	25° 2	8°47	12°30	0°54	7°57	6°49	26°50	17°40	W 8
T 9	9 15 2	19°58'24	3♋57	20°16	17°40	14°19	15°37	25° 3	8°49	12°32	0°54	7°54	6°46	26°57	17°45	T 9
F 10	9 18 59	20°59'04	15°51	22° 4	17°35	14° 2	15°49	25° 5	8°50	12°34	0°55	7°48	6°43	27° 4	17°51	F 10
S 11	9 22 55	21°59'43	27°54	23°52	17°28	13°44	16° 2	25° 7	8°51	12°36	0°55	7°39	6°40	27°10	17°56	S 11
S 12	9 26 52	23° 0'21	10♌ 8	25°41	17°18	13°26	16°15	25° 9	8°53	12°39	0°56	7°28	6°36	27°17	18° 1	S 12
M13	9 30 49	24° 0'57	22°36	27°30	17° 5	13° 7	16°27	25°11	8°54	12°41	0°56	7°15	6°33	27°24	18° 6	M13
T 14	9 34 45	25° 1'31	5♍16	29°20	16°50	12°47	16°39	25°13	8°55	12°43	0°57	7° 1	6°30	27°30	18°11	T 14
W15	9 38 42	26° 2'04	18° 8	1♓11	16°33	12°27	16°52	25°15	8°57	12°45	0°58	6°48	6°27	27°37	18°16	W15
T 16	9 42 38	27° 2'36	1♎13	3° 2	16°13	12° 6	17° 4	25°17	8°58	12°47	0°58	6°37	6°24	27°44	18°20	T 16
F 17	9 46 35	28° 3'06	14°28	4°54	15°51	11°45	17°16	25°19	9° 0	12°50	0°59	6°28	6°21	27°50	18°25	F 17
S 18	9 50 31	29° 3'35	27°54	6°45	15°27	11°23	17°28	25°22	9° 2	12°52	1° 0	6°22	6°17	27°57	18°30	S 18
S 19	9 54 28	0♓ 4'02	11♏31	8°37	15° 0	11° 1	17°40	25°24	9° 3	12°54	1° 1	6°19	6°14	28° 3	18°35	S 19
M20	9 58 24	1° 4'28	25°18	10°29	14°32	10°39	17°52	25°27	9° 5	12°56	1° 1	6°18	6°11	28°10	18°39	M20
T 21	10 2 21	2° 4'53	9♐16	12°21	14° 1	10°16	18° 4	25°30	9° 7	12°58	1° 2	6°18	6° 8	28°17	18°44	T 21
W22	10 6 17	3° 5'17	23°26	14°12	13°29	9°53	18°16	25°33	9° 8	13° 1	1° 3	6°18	6° 5	28°23	18°49	W22
T 23	10 10 14	4° 5'39	7♑46	16° 2	12°56	9°30	18°28	25°36	9°10	13° 3	1° 4	6°15	6° 1	28°30	18°53	T 23
F 24	10 14 11	5° 6'00	22°14	17°51	12°21	9° 7	18°39	25°39	9°12	13° 5	1° 5	6°10	5°58	28°37	18°58	F 24
S 25	10 18 7	6° 6'19	6♒45	19°38	11°45	8°43	18°51	25°42	9°14	13° 8	1° 5	6° 2	5°55	28°43	19° 2	S 25
S 26	10 22 4	7° 6'37	21°14	21°24	11° 9	8°19	19° 2	25°45	9°16	13°10	1° 6	5°52	5°52	28°50	19° 7	S 26
M27	10 26 0	8° 6'53	5♓34	23° 7	10°32	7°55	19°14	25°49	9°18	13°12	1° 7	5°39	5°49	28°57	19°11	M27
T 28	10 29 57	9♓ 7'07	19♓38	24♓47	9♓54	7♍31	19♑25	25♉52	9♉20	13♓14	1♉ 8	5♊27	5♊46	29♊ 3	19♑15	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s15	6s14	4s50	20s38	2s 1	1s16	4n15	9n10	4n 2	22s44	0n 0	17n 3	2s 1	14n 1	0s24	7s51	0s57	3s50	16s38	21n42	21n32	25n 4	16s 4	6n21
T 2	16 58	0 29	4 22	20 14	2 3	0 59	4 28	9 16	4 4	22 43	0 0	17 4	2 0	14 2	0 24	7 50	0 57	3 50	16 37	21 40	21 31	25 5	16 3	6 21
F 3	16 40	5n 6	3 40	19 48	2 4	0 43	4 41	9 22	4 5	22 41	0s 0	17 4	2 0	14 2	0 24	7 49	0 57	3 50	16 37	21 40	21 31	25 6	16 2	6 22
S 4	16 23	10 20	2 49	19 20	2 5	0 27	4 54	9 28	4 6	22 40	0 0	17 5	2 0	14 2	0 24	7 48	0 57	3 49	16 37	21 39	21 30	25 7	16 1	6 22
S 5	16 5	15 1	1 52	18 51	2 5	0 12	5 7	9 35	4 8	22 39	0 0	17 5	2 0	14 3	0 24	7 47	0 57	3 49	16 36	21 39	21 30	25 8	16 0	6 22
M 6	15 46	19 2	0 50	18 21	2 5	0n 2	5 20	9 42	4 9	22 37	0 0	17 6	1 59	14 3	0 24	7 47	0 57	3 48	16 36	21 39	21 29	25 9	15 59	6 22
T 7	15 28	22 14	0n13	17 49	2 4	0 15	5 33	9 49	4 10	22 36	0 0	17 7	1 59	14 3	0 24	7 46	0 57	3 48	16 36	21 39	21 29	25 10	15 59	6 23
W 8	15 9	24 28	1 15	17 15	2 3	0 27	5 46	9 56	4 12	22 35	0 1	17 7	1 59	14 4	0 24	7 45	0 57	3 47	16 35	21 39	21 28	25 11	15 58	6 23
T 9	14 50	25 37	2 13	16 40	2 2	0 38	5 59	10 4	4 13	22 33	0 1	17 8	1 58	14 4	0 24	7 44	0 57	3 47	16 35	21 39	21 27	25 12	15 57	6 23
F 10	14 31	25 36	3 7	16 3	2 0	0 48	6 12	10 11	4 14	22 32	0 1	17 8	1 58	14 4	0 24	7 43	0 57	3 46	16 35	21 38	21 27	25 13	15 56	6 24
S 11	14 11	24 23	3 52	15 25	1 57	0 57	6 25	10 19	4 15	22 31	0 1	17 9	1 58	14 5	0 24	7 42	0 57	3 46	16 34	21 36	21 26	25 14	15 55	6 24
S 12	13 52	22 0	4 28	14 46	1 54	1 5	6 38	10 27	4 16	22 29	0 1	17 10	1 58	14 5	0 24	7 42	0 57	3 45	16 34	21 34	21 26	25 15	15 54	6 24
M13	13 32	18 34	4 51	14 5	1 51	1 12	6 50	10 35	4 16	22 28	0 1	17 11	1 57	14 6	0 24	7 41	0 57	3 45	16 34	21 32	21 25	25 16	15 53	6 25
T 14	13 11	14 14	5 0	13 23	1 47	1 17	7 2	10 43	4 17	22 26	0 1	17 11	1 57	14 6	0 24	7 40	0 57	3 44	16 33	21 30	21 25	25 17	15 52	6 25
W15	12 51	9 13	4 55	12 39	1 42	1 21	7 14	10 52	4 18	22 25	0 1	17 12	1 57	14 7	0 24	7 39	0 57	3 44	16 33	21 28	21 24	25 18	15 51	6 25
T 16	12 30	3 42	4 34	11 54	1 37	1 24	7 25	11 0	4 18	22 23	0 1	17 13	1 56	14 7	0 24	7 38	0 57	3 43	16 33	21 26	21 24	25 19	15 50	6 26
F 17	12 10	2s 3	3 58	11 8	1 31	1 25	7 36	11 9	4 19	22 22	0 1	17 14	1 56	14 8	0 24	7 37	0 57	3 42	16 32	21 24	21 23	25 20	15 49	6 26
S 18	11 49	7 49	3 8	10 21	1 24	1 25	7 46	11 17	4 19	22 21	0 2	17 15	1 56	14 8	0 24	7 37	0 57	3 42	16 32	21 23	21 23	25 21	15 48	6 26
S 19	11 27	13 17	2 7	9 32	1 17	1 24	7 56	11 26	4 20	22 19	0 2	17 16	1 56	14 9	0 24	7 36	0 57	3 41	16 32	21 23	21 22	25 22	15 47	6 27
M20	11 6	18 10	0 58	8 43	1 9	1 22	8 5	11 35	4 20	22 18	0 2	17 16	1 55	14 10	0 24	7 35	0 57	3 41	16 31	21 23	21 21	25 23	15 46	6 27
T 21	10 45	22 7	0s16	7 52	1 1	1 18	8 13	11 44	4 20	22 16	0 2	17 17	1 55	14 10	0 24	7 34	0 57	3 40	16 31	21 23	21 21	25 24	15 45	6 27
W22	10 23	24 47	1 29	7 1	0 52	1 13	8 20	11 52	4 20	22 15	0 2	17 18	1 55	14 11	0 24	7 33	0 57	3 40	16 31	21 23	21 20	25 24	15 44	6 28
T 23	10 1	25 52	2 38	6 10	0 42	1 6	8 27	12 1	4 20	22 13	0 2	17 19	1 55	14 11	0 24	7 32	0 57	3 39	16 30	21 22	21 20	25 25	15 43	6 28
F 24	9 39	25 12	3 37	5 18	0 32	0 59	8 33	12 10	4 19	22 12	0 2	17 20	1 54	14 12	0 24	7 31	0 57	3 39	16 30	21 21	21 19	25 26	15 42	6 29
S 25	9 17	22 50	4 22	4 26	0 21	0 50	8 38	12 18	4 19	22 10	0 2	17 21	1 54	14 13	0 24	7 31	0 57	3 38	16 30	21 20	21 19	25 27	15 41	6 29
S 26	8 54	19 1	4 51	3 33	0 9	0 40	8 42	12 27	4 19	22 9	0 2	17 22	1 54	14 13	0 24	7 30	0 57	3 38	16 30	21 18	21 18	25 28	15 40	6 29
M27	8 32	14 8	5 0	2 42	0n 3	0 29	8 45	12 36	4 18	22 7	0 3	17 23	1 54	14 14	0 24	7 29	0 57	3 37	16 29	21 16	21 18	25 29	15 39	6 30
T 28	8s 9	8s34	4s51	1s50	0n15	0n17	8n47	12n44	4n17	22s 6	0s 3	17n24	1s53	14n15	0s24	7s28	0s57	3s36	16s29	21n14	21n17	25n30	15s38	6n30

Julian Day Number = 2398250.5, Delta T = 10.34 sec
Ecliptic obliquity = 23°27'33, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°42'10, Lahiri = 21°49'10

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ASTRODIENST EPHEMERIS for the year 1854
geocentric

MARCH 1854 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 33 53	10♓ 7'19	3♈22	26♓23	9°R17	7°R 8	19♑36	25♉56	9♉22	13♓17	1♉ 9	5°R15	5♊42	29♊10	19♑19	W 1
T 2	10 37 50	11° 7'30	16°42	27°56	8♓39	6♍44	19°47	26° 0	9°24	13°19	1°10	5♊ 5	5°39	29°17	19°24	T 2
F 3	10 41 46	12° 7'38	29°38	29°24	8° 2	6°20	19°58	26° 3	9°27	13°21	1°11	4°59	5°36	29°23	19°28	F 3
S 4	10 45 43	13° 7'44	12♉12	0♈46	7°26	5°57	20° 9	26° 7	9°29	13°23	1°12	4°54	5°33	29°30	19°32	S 4
S 5	10 49 40	14° 7'48	24°27	2° 4	6°51	5°34	20°20	26°11	9°31	13°26	1°13	4°53	5°30	29°37	19°36	S 5
M 6	10 53 36	15° 7'50	6♊27	3°14	6°17	5°11	20°31	26°15	9°33	13°28	1°14	4°D52	5°27	29°43	19°40	M 6
T 7	10 57 33	16° 7'50	18°19	4°18	5°44	4°48	20°42	26°19	9°36	13°30	1°15	4°R52	5°23	29°50	19°44	T 7
W 8	11 1 29	17° 7'48	0♋ 7	5°15	5°12	4°26	20°52	26°24	9°38	13°33	1°16	4°52	5°20	29°57	19°48	W 8
T 9	11 5 26	18° 7'44	11°57	6° 4	4°43	4° 4	21° 3	26°28	9°40	13°35	1°17	4°49	5°17	0♋ 3	19°51	T 9
F 10	11 9 22	19° 7'37	23°54	6°45	4°15	3°42	21°13	26°32	9°43	13°37	1°18	4°44	5°14	0°10	19°55	F 10
S 11	11 13 19	20° 7'29	6♌ 2	7°18	3°49	3°21	21°23	26°37	9°45	13°39	1°19	4°37	5°11	0°17	19°59	S 11
S 12	11 17 15	21° 7'18	18°25	7°42	3°26	3° 1	21°33	26°42	9°48	13°42	1°20	4°27	5° 7	0°23	20° 2	S 12
M13	11 21 12	22° 7'04	1♍ 5	7°58	3° 4	2°40	21°43	26°46	9°50	13°44	1°21	4°15	5° 4	0°30	20° 6	M13
T 14	11 25 9	23° 6'49	14° 2	8°R 5	2°45	2°21	21°53	26°51	9°53	13°46	1°22	4° 3	5° 1	0°37	20° 9	T 14
W15	11 29 5	24° 6'32	27°15	8° 3	2°29	2° 2	22° 3	26°56	9°56	13°48	1°23	3°51	4°58	0°43	20°13	W15
T 16	11 33 2	25° 6'13	10♎43	7°53	2°15	1°44	22°13	27° 1	9°58	13°51	1°25	3°40	4°55	0°50	20°16	T 16
F 17	11 36 58	26° 5'52	24°23	7°36	2° 3	1°26	22°22	27° 6	10° 1	13°53	1°26	3°32	4°52	0°57	20°19	F 17
S 18	11 40 55	27° 5'28	8♏12	7°11	1°54	1° 9	22°32	27°11	10° 4	13°55	1°27	3°27	4°48	1° 3	20°22	S 18
S 19	11 44 51	28° 5'04	22° 8	6°39	1°47	0°52	22°41	27°16	10° 6	13°57	1°28	3°25	4°45	1°10	20°26	S 19
M20	11 48 48	29° 4'37	6♐ 9	6° 2	1°43	0°37	22°51	27°21	10° 9	14° 0	1°29	3°D24	4°42	1°17	20°29	M20
T 21	11 52 44	0♈ 4'09	20°13	5°19	1°D41	0°22	23° 0	27°26	10°12	14° 2	1°30	3°25	4°39	1°23	20°32	T 21
W22	11 56 41	1° 3'39	4♑19	4°32	1°42	0° 7	23° 9	27°32	10°15	14° 4	1°32	3°R25	4°36	1°30	20°35	W22
T 23	12 0 38	2° 3'08	18°28	3°43	1°45	29♌54	23°18	27°37	10°18	14° 6	1°33	3°24	4°32	1°37	20°37	T 23
F 24	12 4 34	3° 2'34	2♒36	2°51	1°50	29°41	23°26	27°43	10°21	14° 8	1°34	3°20	4°29	1°43	20°40	F 24
S 25	12 8 31	4° 1'59	16°42	1°59	1°58	29°29	23°35	27°48	10°24	14°11	1°35	3°15	4°26	1°50	20°43	S 25
S 26	12 12 27	5° 1'22	0♓43	1° 7	2° 8	29°17	23°44	27°54	10°27	14°13	1°37	3° 7	4°23	1°56	20°46	S 26
M27	12 16 24	6° 0'43	14°36	0°16	2°20	29° 7	23°52	28° 0	10°30	14°15	1°38	2°57	4°20	2° 3	20°48	M27
T 28	12 20 20	7° 0'02	28°15	29♓27	2°34	28°57	24° 0	28° 6	10°33	14°17	1°39	2°47	4°17	2°10	20°51	T 28
W29	12 24 17	7°59'19	11♈39	28°41	2°50	28°48	24° 8	28°12	10°36	14°19	1°40	2°38	4°13	2°16	20°53	W29
T 30	12 28 13	8°58'34	24°45	27°59	3° 8	28°40	24°16	28°17	10°39	14°21	1°42	2°31	4°10	2°23	20°55	T 30
F 31	12 32 10	9♈57'47	7♉32	27♓22	3♓28	28♌33	24♑24	28♉23	10♉42	14♓23	1♉43	2♊26	4♊ 7	2♋30	20♑58	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s47	2s43	4s25	1s 0	0n28	0n 4	8n49	12n52	4n17	22s 4	0s 3	17n25	1s53	14n15	0s24	7s27	0s57	3s36	16s29	21n12	21n17	25n31	15s37	6n31
T 2	7 24	3n 6	3 46	0 11	0 42	0s 9	8 49	13 0	4 16	22 3	0 3	17 27	1 53	14 16	0 24	7 26	0 57	3 35	16 28	21 10	21 16	25 31	15 36	6 31
F 3	7 1	8 37	2 55	0n36	0 55	0 23	8 48	13 8	4 15	22 1	0 3	17 28	1 52	14 17	0 24	7 25	0 57	3 35	16 28	21 9	21 15	25 32	15 35	6 31
S 4	6 38	13 39	1 57	1 22	1 9	0 38	8 46	13 16	4 14	22 0	0 3	17 29	1 52	14 17	0 24	7 24	0 57	3 34	16 28	21 8	21 15	25 33	15 34	6 32
S 5	6 15	18 0	0 55	2 6	1 23	0 54	8 43	13 24	4 13	21 58	0 3	17 30	1 52	14 18	0 24	7 24	0 57	3 34	16 28	21 8	21 14	25 34	15 33	6 32
M 6	5 52	21 33	0n 8	2 46	1 37	1 9	8 40	13 31	4 11	21 57	0 3	17 31	1 52	14 19	0 23	7 23	0 57	3 33	16 27	21 8	21 14	25 35	15 32	6 33
T 7	5 29	24 7	1 11	3 24	1 51	1 25	8 35	13 38	4 10	21 55	0 3	17 32	1 51	14 20	0 23	7 22	0 57	3 32	16 27	21 8	21 13	25 36	15 31	6 33
W 8	5 5	25 37	2 10	3 59	2 4	1 42	8 30	13 45	4 9	21 54	0 4	17 34	1 51	14 20	0 23	7 21	0 57	3 32	16 27	21 7	21 13	25 36	15 30	6 34
T 9	4 42	25 58	3 3	4 31	2 17	1 58	8 24	13 52	4 7	21 52	0 4	17 35	1 51	14 21	0 23	7 20	0 57	3 31	16 27	21 7	21 12	25 37	15 29	6 34
F 10	4 18	25 6	3 49	4 59	2 30	2 14	8 17	13 58	4 6	21 51	0 4	17 36	1 51	14 22	0 23	7 19	0 57	3 31	16 26	21 6	21 11	25 38	15 28	6 35
S 11	3 55	23 4	4 25	5 22	2 42	2 30	8 9	14 4	4 4	21 49	0 4	17 37	1 50	14 23	0 23	7 18	0 57	3 30	16 26	21 5	21 11	25 39	15 27	6 35
S 12	3 31	19 55	4 50	5 42	2 52	2 46	8 1	14 10	4 2	21 48	0 4	17 39	1 50	14 24	0 23	7 18	0 57	3 30	16 26	21 3	21 10	25 40	15 26	6 36
M13	3 8	15 47	5 1	5 57	3 2	3 2	7 52	14 16	4 0	21 46	0 4	17 40	1 50	14 24	0 23	7 17	0 57	3 29	16 26	21 1	21 10	25 40	15 25	6 36
T 14	2 44	10 51	4 57	6 8	3 11	3 18	7 43	14 21	3 58	21 45	0 4	17 41	1 50	14 25	0 23	7 16	0 57	3 28	16 25	20 58	21 9	25 41	15 24	6 37
W15	2 21	5 20	4 37	6 14	3 18	3 33	7 33	14 26	3 56	21 43	0 4	17 43	1 50	14 26	0 23	7 15	0 57	3 28	16 25	20 56	21 9	25 42	15 23	6 37
T 16	1 57	0s32	4 2	6 16	3 24	3 47	7 23	14 31	3 54	21 42	0 4	17 44	1 49	14 27	0 23	7 14	0 57	3 27	16 25	20 54	21 8	25 43	15 22	6 38
F 17	1 33	6 29	3 12	6 13	3 29	4 1	7 12	14 35	3 52	21 41	0 5	17 45	1 49	14 28	0 23	7 13	0 57	3 27	16 25	20 53	21 7	25 43	15 21	6 38
S 18	1 9	12 12	2 10	6 5	3 31	4 14	7 1	14 39	3 50	21 39	0 5	17 47	1 49	14 29	0 23	7 12	0 57	3 26	16 25	20 52	21 7	25 44	15 20	6 39
S 19	0 46	17 21	1 0	5 53	3 32	4 27	6 50	14 43	3 48	21 38	0 5	17 48	1 49	14 30	0 23	7 12	0 57	3 26	16 24	20 51	21 6	25 45	15 19	6 39
M20	0 22	21 35	0s15	5 38	3 31	4 39	6 39	14 47	3 46	21 36	0 5	17 50	1 48	14 31	0 23	7 11	0 57	3 25	16 24	20 51	21 6	25 46	15 19	6 40
T 21	0n 2	24 34	1 28	5 18	3 28	4 51	6 27	14 50	3 43	21 35	0 5	17 51	1 48	14 31	0 23	7 10	0 57	3 24	16 24	20 51	21 5	25 46	15 18	6 40
W22	0 25	26 0	2 37	4 55	3 24	5 1	6 16	14 53	3 41	21 33	0 5	17 52	1 48	14 32	0 23	7 9	0 57	3 24	16 24	20 51	21 5	25 47	15 17	6 41
T 23	0 49	25 45	3 36	4 30	3 17	5 11	6 4	14 56	3 39	21 32	0 5	17 54	1 48	14 33	0 23	7 8	0 57	3 23	16 24	20 51	21 4	25 48	15 16	6 41
F 24	1 13	23 51	4 22	4 1	3 9	5 21	5 52	14 58	3 36	21 31	0 5	17 55	1 48	14 34	0 23	7 7	0 57	3 23	16 23	20 50	21 3	25 48	15 15	6 42
S 25	1 36	20 29	4 52	3 32	2 59	5 29	5 40	15 0	3 34	21 29	0 6	17 57	1 47	14 35	0 23	7 7	0 57	3 22	16 23	20 49	21 3	25 49	15 14	6 42
S 26	2 0	15 58	5 4	3 1	2 48	5 37	5 28	15 2	3 31	21 28	0 6	17 58	1 47	14 36	0 23	7 6	0 57	3 22	16 23	20 48	21 2	25 50	15 13	6 43
M27	2 23	10 39	4 58	2 29	2 35	5 44	5 17	15 3	3 29	21 27	0 6	18 0	1 47	14 37	0 23	7 5	0 57	3 21	16 23	20 46	21 2	25 51	15 12	6 43
T 28	2 47	4 54	4 35	1 57	2 22	5 50	5 5	15 4	3 27	21 25	0 6	18 1	1 47	14 38	0 23	7 4	0 57	3 20	16 23	20 44	21 1	25 51	15 11	6 44
W29	3 10	0n58	3 58	1 26	2 7	5 55	4 53	15 5	3 24	21 24	0 6	18 3	1 47	14 39	0 23	7 3	0 57	3 20	16 23	20 42	21 0	25 52	15 10	6 45
T 30	3 34	6 41	3 8	0 55	1 52	5 59	4 41	15 6	3 21	21 23	0 6	18 4	1 46	14 40	0 23	7 3	0 57	3 19	16 22	20 41	21 0	25 53	15 9	6 45
F 31	3n57	12n 0	2s 9	0n26	1n37	6s 3	4n30	15n 6	3n19	21s22	0s 6	18n 6	1s46	14n41	0s23	7s 2	0s57	3s19	16s22	20n40	20n59	25n53	15s 8	6n46

Julian Day Number = 2398278.5, Delta T = 10.34 sec
Ecliptic obliquity = 23°27'34, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°42'14, Lahiri = 21°49'14

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ASTRODIENST EPHEMERIS for the year 1854
geocentric

APRIL 1854 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 36 7	10♈56'58	20♉ 1	26°R49	3♓50	28°R26	24♑32	28♉30	10♉45	14♓25	1♉44	2°R23	4♊ 4	2♋36	21♑ 0	S 1
S 2	12 40 3	11°56'06	2♊14	26♓22	4°13	28♌20	24°39	28°36	10°48	14°28	1°45	2°D22	4° 1	2°43	21° 2	S 2
M 3	12 44 0	12°55'13	14°14	25°59	4°38	28°15	24°47	28°42	10°51	14°30	1°47	2♊22	3°58	2°50	21° 4	M 3
T 4	12 47 56	13°54'17	26° 7	25°43	5° 5	28°11	24°54	28°48	10°54	14°32	1°48	2°24	3°54	2°56	21° 6	T 4
W 5	12 51 53	14°53'19	7♋56	25°31	5°34	28° 8	25° 1	28°54	10°57	14°34	1°49	2°25	3°51	3° 3	21° 8	W 5
T 6	12 55 49	15°52'18	19°47	25°26	6° 4	28° 5	25° 8	29° 1	11° 1	14°36	1°51	2°R25	3°48	3°10	21°10	T 6
F 7	12 59 46	16°51'15	1♌45	25°D25	6°35	28° 3	25°15	29° 7	11° 4	14°38	1°52	2°24	3°45	3°16	21°12	F 7
S 8	13 3 42	17°50'10	13°56	25°30	7° 8	28° 2	25°22	29°14	11° 7	14°40	1°53	2°20	3°42	3°23	21°13	S 8
S 9	13 7 39	18°49'03	26°22	25°41	7°42	28°D 1	25°28	29°20	11°10	14°42	1°55	2°15	3°38	3°30	21°15	S 9
M10	13 11 36	19°47'53	9♍ 8	25°56	8°18	28° 2	25°35	29°27	11°14	14°44	1°56	2° 9	3°35	3°36	21°16	M10
T 11	13 15 32	20°46'41	22°15	26°16	8°55	28° 3	25°41	29°33	11°17	14°46	1°57	2° 2	3°32	3°43	21°18	T 11
W12	13 19 29	21°45'27	5♎43	26°41	9°33	28° 5	25°47	29°40	11°20	14°48	1°59	1°55	3°29	3°50	21°19	W12
T 13	13 23 25	22°44'11	19°31	27°10	10°12	28° 7	25°53	29°47	11°23	14°49	2° 0	1°49	3°26	3°56	21°20	T 13
F 14	13 27 22	23°42'53	3♏35	27°43	10°52	28°10	25°59	29°54	11°27	14°51	2° 2	1°45	3°23	4° 3	21°22	F 14
S 15	13 31 18	24°41'33	17°50	28°21	11°33	28°14	26° 4	0♊ 0	11°30	14°53	2° 3	1°42	3°19	4°10	21°23	S 15
S 16	13 35 15	25°40'11	2♐13	29° 2	12°16	28°19	26°10	0° 7	11°34	14°55	2° 4	1°D42	3°16	4°16	21°24	S 16
M17	13 39 11	26°38'48	16°37	29°47	12°59	28°24	26°15	0°14	11°37	14°57	2° 6	1°42	3°13	4°23	21°25	M17
T 18	13 43 8	27°37'22	1♑ 0	0♈35	13°43	28°30	26°20	0°21	11°40	14°59	2° 7	1°44	3°10	4°30	21°26	T 18
W19	13 47 5	28°35'56	15°17	1°27	14°29	28°36	26°25	0°28	11°44	15° 0	2° 8	1°45	3° 7	4°36	21°26	W19
T 20	13 51 1	29°34'27	29°27	2°21	15°15	28°44	26°30	0°35	11°47	15° 2	2°10	1°R46	3° 4	4°43	21°27	T 20
F 21	13 54 58	0♉32'57	13♒27	3°19	16° 2	28°51	26°34	0°42	11°50	15° 4	2°11	1°45	3° 0	4°50	21°28	F 21
S 22	13 58 54	1°31'26	27°18	4°20	16°49	29° 0	26°39	0°49	11°54	15° 6	2°13	1°43	2°57	4°56	21°28	S 22
S 23	14 2 51	2°29'53	10♓57	5°24	17°38	29° 9	26°43	0°57	11°57	15° 7	2°14	1°40	2°54	5° 3	21°29	S 23
M24	14 6 47	3°28'18	24°23	6°30	18°27	29°18	26°47	1° 4	12° 1	15° 9	2°15	1°35	2°51	5°10	21°29	M24
T 25	14 10 44	4°26'41	7♈37	7°39	19°17	29°29	26°51	1°11	12° 4	15°11	2°17	1°31	2°48	5°16	21°29	T 25
W26	14 14 40	5°25'03	20°37	8°50	20° 8	29°39	26°55	1°18	12° 8	15°12	2°18	1°27	2°44	5°23	21°30	W26
T 27	14 18 37	6°23'23	3♉22	10° 3	20°59	29°51	26°59	1°26	12°11	15°14	2°19	1°24	2°41	5°30	21°30	T 27
F 28	14 22 33	7°21'41	15°53	11°19	21°51	0♍ 3	27° 2	1°33	12°15	15°15	2°21	1°22	2°38	5°36	21°R30	F 28
S 29	14 26 30	8°19'57	28°11	12°38	22°44	0°15	27° 5	1°40	12°18	15°17	2°22	1°D21	2°35	5°43	21°30	S 29
S 30	14 30 27	9♉18'12	10♊18	13♈58	23♓37	0♍28	27♑ 8	1♊48	12♉21	15♓19	2♉24	1♊21	2♊32	5♋50	21♑30	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n20	16n42	1s 6	0s 2	1n21	6s 6	4n18	15n 6	3n16	21s20	0s 6	18n 7	1s46	14n42	0s23	7s 1	0s57	3s18	16s22	20n39	20n59	25n54	15s 7	6n46
S 2	4 43	20 37	0 1	0 27	1 5	6 8	4 7	15 5	3 14	21 19	0 7	18 9	1 46	14 43	0 23	7 0	0 57	3 18	16 22	20 39	20 58	25 54	15 7	6 47
M 3	5 6	23 35	1n 4	0 51	0 49	6 10	3 55	15 5	3 11	21 18	0 7	18 10	1 46	14 44	0 23	6 59	0 57	3 17	16 22	20 39	20 57	25 55	15 6	6 47
T 4	5 29	25 29	2 5	1 12	0 33	6 10	3 44	15 4	3 9	21 17	0 7	18 12	1 45	14 45	0 23	6 59	0 57	3 17	16 22	20 39	20 57	25 56	15 5	6 48
W 5	5 52	26 13	3 0	1 31	0 18	6 10	3 33	15 3	3 6	21 16	0 7	18 13	1 45	14 46	0 23	6 58	0 57	3 16	16 22	20 40	20 56	25 56	15 4	6 49
T 6	6 15	25 45	3 48	1 47	0 2	6 9	3 22	15 1	3 4	21 14	0 7	18 15	1 45	14 47	0 23	6 57	0 57	3 16	16 22	20 40	20 56	25 57	15 3	6 49
F 7	6 38	24 7	4 26	2 1	0s12	6 8	3 12	15 0	3 1	21 13	0 7	18 16	1 45	14 48	0 23	6 56	0 57	3 15	16 21	20 39	20 55	25 58	15 2	6 50
S 8	7 0	21 20	4 54	2 11	0 26	6 6	3 1	14 58	2 59	21 12	0 7	18 18	1 45	14 49	0 23	6 56	0 57	3 14	16 21	20 39	20 55	25 58	15 2	6 50
S 9	7 23	17 33	5 8	2 20	0 40	6 3	2 51	14 55	2 56	21 11	0 7	18 20	1 44	14 50	0 23	6 55	0 57	3 14	16 21	20 38	20 54	25 59	15 1	6 51
M10	7 45	12 53	5 7	2 26	0 53	5 59	2 41	14 53	2 54	21 10	0 8	18 21	1 44	14 51	0 23	6 54	0 57	3 13	16 21	20 37	20 53	25 59	15 0	6 51
T 11	8 7	7 31	4 50	2 29	1 5	5 55	2 31	14 50	2 51	21 9	0 8	18 23	1 44	14 52	0 23	6 53	0 57	3 13	16 21	20 35	20 53	26 0	14 59	6 52
W12	8 29	1 40	4 18	2 30	1 17	5 49	2 21	14 47	2 49	21 8	0 8	18 24	1 44	14 53	0 23	6 53	0 58	3 12	16 21	20 34	20 52	26 0	14 58	6 53
T 13	8 51	4s25	3 29	2 28	1 28	5 44	2 11	14 44	2 46	21 7	0 8	18 26	1 44	14 54	0 23	6 52	0 58	3 12	16 21	20 33	20 51	26 1	14 58	6 53
F 14	9 13	10 25	2 27	2 25	1 38	5 37	2 2	14 41	2 44	21 6	0 8	18 27	1 44	14 55	0 23	6 51	0 58	3 11	16 21	20 32	20 51	26 2	14 57	6 54
S 15	9 34	15 58	1 15	2 19	1 48	5 30	1 52	14 37	2 41	21 5	0 8	18 29	1 43	14 56	0 23	6 51	0 58	3 11	16 21	20 31	20 50	26 2	14 56	6 54
S 16	9 56	20 40	0s 3	2 10	1 57	5 23	1 43	14 33	2 39	21 4	0 8	18 31	1 43	14 57	0 23	6 50	0 58	3 10	16 21	20 31	20 50	26 3	14 55	6 55
M17	10 17	24 7	1 21	2 0	2 5	5 14	1 34	14 29	2 36	21 4	0 9	18 32	1 43	14 58	0 23	6 49	0 58	3 10	16 21	20 31	20 49	26 3	14 55	6 56
T 18	10 38	26 0	2 33	1 48	2 13	5 6	1 25	14 25	2 34	21 3	0 9	18 34	1 43	14 59	0 23	6 49	0 58	3 9	16 21	20 31	20 48	26 4	14 54	6 56
W19	10 59	26 9	3 36	1 34	2 20	4 56	1 17	14 20	2 32	21 2	0 9	18 35	1 43	15 0	0 23	6 48	0 58	3 9	16 21	20 32	20 48	26 4	14 53	6 57
T 20	11 20	24 36	4 25	1 17	2 26	4 46	1 8	14 15	2 29	21 1	0 9	18 37	1 43	15 1	0 23	6 47	0 58	3 8	16 21	20 32	20 47	26 5	14 52	6 57
F 21	11 40	21 32	4 57	1 0	2 31	4 36	1 0	14 10	2 27	21 0	0 9	18 39	1 42	15 2	0 23	6 47	0 58	3 8	16 21	20 32	20 47	26 5	14 52	6 58
S 22	12 1	17 18	5 12	0 40	2 36	4 24	0 52	14 5	2 24	21 0	0 9	18 40	1 42	15 4	0 23	6 46	0 58	3 7	16 21	20 31	20 46	26 6	14 51	6 59
S 23	12 21	12 13	5 9	0 19	2 41	4 13	0 44	14 0	2 22	20 59	0 9	18 42	1 42	15 5	0 23	6 45	0 58	3 7	16 21	20 31	20 45	26 6	14 50	6 59
M24	12 41	6 39	4 49	0n 4	2 44	4 1	0 36	13 55	2 20	20 58	0 10	18 43	1 42	15 6	0 23	6 45	0 58	3 7	16 21	20 30	20 45	26 7	14 50	7 0
T 25	13 1	0 51	4 13	0 29	2 47	3 48	0 29	13 49	2 18	20 58	0 10	18 45	1 42	15 7	0 23	6 44	0 58	3 6	16 21	20 29	20 44	26 7	14 49	7 0
W26	13 20	4n53	3 25	0 54	2 50	3 35	0 22	13 43	2 15	20 57	0 10	18 47	1 42	15 8	0 23	6 44	0 58	3 6	16 21	20 28	20 44	26 8	14 49	7 1
T 27	13 40	10 20	2 28	1 22	2 51	3 21	0 14	13 37	2 13	20 57	0 10	18 48	1 42	15 9	0 23	6 43	0 58	3 5	16 21	20 27	20 43	26 8	14 48	7 1
F 28	13 59	15 16	1 24	1 50	2 52	3 7	0 7	13 31	2 11	20 56	0 10	18 50	1 42	15 10	0 23	6 42	0 58	3 5	16 21	20 27	20 42	26 9	14 47	7 2
S 29	14 18	19 29	0 17	2 20	2 53	2 53	0 1	13 24	2 9	20 56	0 10	18 51	1 41	15 11	0 23	6 42	0 58	3 4	16 21	20 27	20 42	26 9	14 47	7 3
S 30	14n36	22n49	0n49	2n51	2s53	2s38	0s 6	13n18	2n 7	20s55	0s11	18n53	1s41	15n12	0s23	6s41	0s58	3s 4	16s21	20n27	20n41	26n10	14s46	7n 3

Julian Day Number = 2398309.5, Delta T = 10.35 sec
Ecliptic obliquity = 23°27'34, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°42'18, Lahiri = 21°49'18

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ASTRODIENST EPHEMERIS for the year 1854
geocentric

MAY 1854 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 34 23	10♉16'25	22♊15	15♈21	24♓31	0♍41	27♑11	1♊55	12♉25	15♓20	2♉25	1♊22	2♊29	5♋56	21°R30	M 1
T 2	14 38 20	11°14'35	4♋ 7	16°45	25°25	0°55	27°14	2° 3	12°28	15°21	2°26	1°24	2°25	6° 3	21♑29	T 2
W 3	14 42 16	12°12'44	15°56	18°12	26°20	1°10	27°16	2°10	12°32	15°23	2°28	1°25	2°22	6°10	21°29	W 3
T 4	14 46 13	13°10'51	27°47	19°41	27°15	1°25	27°18	2°18	12°35	15°24	2°29	1°26	2°19	6°16	21°29	T 4
F 5	14 50 9	14° 8'56	9♌45	21°12	28°11	1°40	27°21	2°25	12°39	15°26	2°30	1°R27	2°16	6°23	21°28	F 5
S 6	14 54 6	15° 6'59	21°54	22°45	29° 7	1°56	27°23	2°33	12°42	15°27	2°32	1°27	2°13	6°30	21°28	S 6
S 7	14 58 2	16° 5'01	4♍20	24°20	0♈ 4	2°13	27°24	2°40	12°46	15°28	2°33	1°26	2°10	6°36	21°27	S 7
M 8	15 1 59	17° 3'00	17° 5	25°57	1° 1	2°30	27°26	2°48	12°49	15°30	2°34	1°25	2° 6	6°43	21°26	M 8
T 9	15 5 56	18° 0'57	0♎14	27°36	1°59	2°47	27°27	2°56	12°53	15°31	2°36	1°23	2° 3	6°50	21°26	T 9
W10	15 9 52	18°58'53	13°47	29°17	2°57	3° 5	27°28	3° 3	12°56	15°32	2°37	1°22	2° 0	6°56	21°25	W10
T 11	15 13 49	19°56'47	27°45	1♉ 0	3°55	3°23	27°29	3°11	13° 0	15°34	2°38	1°20	1°57	7° 3	21°24	T 11
F 12	15 17 45	20°54'39	12♏ 4	2°45	4°54	3°41	27°30	3°18	13° 3	15°35	2°40	1°19	1°54	7°10	21°23	F 12
S 13	15 21 42	21°52'30	26°40	4°32	5°53	4° 0	27°31	3°26	13° 6	15°36	2°41	1°D19	1°50	7°16	21°22	S 13
S 14	15 25 38	22°50'19	11♐27	6°21	6°53	4°20	27°31	3°34	13°10	15°37	2°42	1°19	1°47	7°23	21°21	S 14
M15	15 29 35	23°48'07	26°17	8°12	7°52	4°39	27°32	3°42	13°13	15°38	2°44	1°19	1°44	7°30	21°19	M15
T 16	15 33 31	24°45'54	11♑ 4	10° 5	8°53	5° 0	27°R32	3°49	13°17	15°39	2°45	1°20	1°41	7°36	21°18	T 16
W17	15 37 28	25°43'40	25°41	11°59	9°53	5°20	27°31	3°57	13°20	15°40	2°46	1°20	1°38	7°43	21°17	W17
T 18	15 41 25	26°41'24	10♒ 3	13°56	10°54	5°41	27°31	4° 5	13°24	15°41	2°48	1°21	1°35	7°50	21°15	T 18
F 19	15 45 21	27°39'08	24° 8	15°55	11°55	6° 2	27°31	4°13	13°27	15°42	2°49	1°R21	1°31	7°57	21°14	F 19
S 20	15 49 18	28°36'50	7♓54	17°56	12°57	6°24	27°30	4°20	13°30	15°43	2°50	1°21	1°28	8° 3	21°12	S 20
S 21	15 53 14	29°34'31	21°21	19°58	13°58	6°46	27°29	4°28	13°34	15°44	2°51	1°21	1°25	8°10	21°10	S 21
M22	15 57 11	0♊32'11	4♈30	22° 3	15° 0	7° 8	27°28	4°36	13°37	15°45	2°53	1°21	1°22	8°17	21° 9	M22
T 23	16 1 7	1°29'51	17°24	24° 8	16° 3	7°30	27°27	4°44	13°40	15°46	2°54	1°D21	1°19	8°23	21° 7	T 23
W24	16 5 4	2°27'29	0♉ 3	26°16	17° 5	7°53	27°25	4°51	13°44	15°47	2°55	1°21	1°15	8°30	21° 5	W24
T 25	16 9 0	3°25'06	12°29	28°24	18° 8	8°17	27°24	4°59	13°47	15°48	2°56	1°21	1°12	8°37	21° 3	T 25
F 26	16 12 57	4°22'42	24°44	0♊34	19°11	8°40	27°22	5° 7	13°50	15°49	2°58	1°21	1° 9	8°43	21° 1	F 26
S 27	16 16 54	5°20'17	6♊49	2°45	20°14	9° 4	27°20	5°15	13°54	15°49	2°59	1°R21	1° 6	8°50	20°59	S 27
S 28	16 20 50	6°17'51	18°47	4°56	21°18	9°28	27°17	5°23	13°57	15°50	3° 0	1°21	1° 3	8°57	20°57	S 28
M29	16 24 47	7°15'24	0♋40	7° 8	22°21	9°53	27°15	5°30	14° 0	15°51	3° 1	1°20	1° 0	9° 3	20°55	M29
T 30	16 28 43	8°12'55	12°30	9°20	23°25	10°17	27°13	5°38	14° 3	15°51	3° 2	1°19	0°56	9°10	20°52	T 30
W31	16 32 40	9♊10'26	24♋19	11♊32	24♈29	10♍42	27♑10	5♊46	14♉ 7	15♓52	3♉ 3	1♊18	0♊53	9♋17	20♑50	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n55	25n 7	1n53	3n24	2s52	2s22	0s12	13n11	2n 5	20s55	0s11	18n55	1s41	15n13	0s23	6s41	0s58	3s 3	16s21	20n27	20n40	26n10	14s46	7n 4
T 2	15 13	26 15	2 51	3 57	2 51	2 7	0 19	13 4	2 2	20 55	0 11	18 56	1 41	15 14	0 23	6 40	0 58	3 3	16 21	20 27	20 40	26 10	14 45	7 4
W 3	15 31	26 11	3 42	4 32	2 49	1 50	0 25	12 57	2 0	20 54	0 11	18 58	1 41	15 15	0 23	6 40	0 58	3 3	16 21	20 28	20 39	26 11	14 45	7 5
T 4	15 49	24 55	4 23	5 8	2 47	1 34	0 31	12 49	1 58	20 54	0 11	18 59	1 41	15 16	0 23	6 39	0 58	3 2	16 21	20 28	20 39	26 11	14 44	7 6
F 5	16 6	22 32	4 54	5 45	2 44	1 17	0 37	12 42	1 56	20 54	0 11	19 1	1 41	15 17	0 23	6 39	0 58	3 2	16 21	20 28	20 38	26 12	14 44	7 6
S 6	16 23	19 8	5 12	6 22	2 40	1 0	0 42	12 34	1 54	20 53	0 11	19 3	1 41	15 18	0 23	6 38	0 58	3 1	16 21	20 28	20 37	26 12	14 43	7 7
S 7	16 40	14 50	5 16	7 1	2 36	0 42	0 48	12 26	1 52	20 53	0 12	19 4	1 40	15 19	0 23	6 38	0 58	3 1	16 21	20 28	20 37	26 12	14 43	7 7
M 8	16 56	9 46	5 5	7 40	2 32	0 24	0 53	12 19	1 50	20 53	0 12	19 6	1 40	15 21	0 23	6 37	0 58	3 1	16 21	20 28	20 36	26 13	14 42	7 8
T 9	17 13	4 9	4 37	8 21	2 27	0 6	0 58	12 10	1 48	20 53	0 12	19 7	1 40	15 22	0 23	6 37	0 58	3 0	16 21	20 27	20 35	26 13	14 42	7 8
W10	17 29	1s51	3 54	9 2	2 21	0n12	1 3	12 2	1 46	20 53	0 12	19 9	1 40	15 23	0 22	6 36	0 58	3 0	16 21	20 27	20 35	26 14	14 41	7 9
T 11	17 44	7 57	2 55	9 43	2 15	0 31	1 8	11 54	1 45	20 53	0 12	19 10	1 40	15 24	0 22	6 36	0 58	3 0	16 21	20 27	20 34	26 14	14 41	7 10
F 12	18 0	13 48	1 45	10 25	2 8	0 50	1 13	11 45	1 43	20 53	0 12	19 12	1 40	15 25	0 22	6 35	0 59	2 59	16 21	20 27	20 33	26 14	14 40	7 10
S 13	18 15	19 1	0 26	11 8	2 1	1 10	1 17	11 37	1 41	20 53	0 13	19 14	1 40	15 26	0 22	6 35	0 59	2 59	16 21	20 26	20 33	26 15	14 40	7 11
S 14	18 30	23 6	0s56	11 51	1 54	1 29	1 21	11 28	1 39	20 53	0 13	19 15	1 40	15 27	0 22	6 34	0 59	2 59	16 21	20 26	20 32	26 15	14 40	7 11
M15	18 44	25 39	2 14	12 35	1 46	1 49	1 26	11 19	1 37	20 53	0 13	19 17	1 40	15 28	0 22	6 34	0 59	2 58	16 22	20 27	20 32	26 15	14 39	7 12
T 16	18 59	26 22	3 23	13 19	1 37	2 9	1 30	11 10	1 35	20 53	0 13	19 18	1 40	15 29	0 22	6 34	0 59	2 58	16 22	20 27	20 31	26 16	14 39	7 12
W17	19 12	25 15	4 18	14 2	1 29	2 29	1 33	11 1	1 33	20 53	0 13	19 20	1 39	15 30	0 22	6 33	0 59	2 58	16 22	20 27	20 30	26 16	14 39	7 13
T 18	19 26	22 29	4 56	14 46	1 19	2 50	1 37	10 51	1 32	20 54	0 13	19 21	1 39	15 31	0 22	6 33	0 59	2 57	16 22	20 27	20 30	26 16	14 38	7 13
F 19	19 39	18 26	5 15	15 30	1 10	3 10	1 41	10 42	1 30	20 54	0 14	19 23	1 39	15 32	0 22	6 33	0 59	2 57	16 22	20 27	20 29	26 17	14 38	7 14
S 20	19 52	13 29	5 15	16 14	1 0	3 31	1 44	10 32	1 28	20 54	0 14	19 24	1 39	15 33	0 22	6 32	0 59	2 57	16 22	20 27	20 28	26 17	14 38	7 14
S 21	20 5	8 0	4 58	16 57	0 50	3 52	1 47	10 23	1 26	20 55	0 14	19 26	1 39	15 34	0 22	6 32	0 59	2 57	16 22	20 27	20 28	26 17	14 38	7 15
M22	20 17	2 16	4 26	17 39	0 40	4 13	1 51	10 13	1 25	20 55	0 14	19 27	1 39	15 35	0 22	6 32	0 59	2 56	16 22	20 27	20 27	26 17	14 37	7 15
T 23	20 29	3n26	3 41	18 21	0 29	4 34	1 54	10 3	1 23	20 55	0 14	19 29	1 39	15 36	0 22	6 31	0 59	2 56	16 22	20 27	20 26	26 18	14 37	7 16
W24	20 40	8 55	2 45	19 2	0 19	4 55	1 56	9 53	1 21	20 56	0 14	19 30	1 39	15 37	0 22	6 31	0 59	2 56	16 23	20 27	20 26	26 18	14 37	7 16
T 25	20 51	13 58	1 43	19 42	0 8	5 17	1 59	9 42	1 20	20 56	0 15	19 32	1 39	15 38	0 22	6 31	0 59	2 55	16 23	20 27	20 25	26 18	14 37	7 17
F 26	21 2	18 22	0 37	20 20	0n 3	5 38	2 2	9 32	1 18	20 57	0 15	19 33	1 39	15 39	0 22	6 30	0 59	2 55	16 23	20 27	20 24	26 18	14 37	7 17
S 27	21 13	21 58	0n30	20 57	0 13	6 0	2 4	9 22	1 17	20 57	0 15	19 34	1 39	15 40	0 22	6 30	0 59	2 55	16 23	20 27	20 24	26 19	14 36	7 18
S 28	21 23	24 34	1 35	21 32	0 24	6 22	2 6	9 11	1 15	20 58	0 15	19 36	1 39	15 41	0 22	6 30	0 59	2 55	16 23	20 27	20 23	26 19	14 36	7 18
M29	21 32	26 3	2 36	22 5	0 34	6 43	2 8	9 0	1 13	20 59	0 15	19 37	1 39	15 42	0 22	6 30	0 59	2 55	16 23	20 27	20 22	26 19	14 36	7 19
T 30	21 42	26 20	3 29	22 35	0 44	7 5	2 10	8 50	1 12	20 59	0 15	19 39	1 39	15 43	0 22	6 30	0 59	2 54	16 24	20 27	20 22	26 19	14 36	7 19
W31	21n51	25n26	4n13	23n 4	0n53	7n27	2s12	8n39	1n10	21s 0	0s16	19n40	1s39	15n44	0s22	6s29	0s59	2s54	16s24	20n26	20n21	26n20	14s36	7n20

Julian Day Number = 2398339.5, Delta T = 10.35 sec
Ecliptic obliquity = 23°27'34, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°42'22, Lahiri = 21°49'22

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ASTRODIENST EPHEMERIS for the year 1854
geocentric

JUNE 1854 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 36 36	10♊ 7'55	6♌11	13♊44	25♈34	11♍ 8	27°R 7	5♊54	14♉10	15♓53	3♉ 5	1°R17	0♊50	9♋23	20°R48	T 1
F 2	16 40 33	11° 5'23	18° 9	15°55	26°38	11°33	27♑ 4	6° 2	14°13	15°53	3° 6	1♊16	0°47	9°30	20♑45	F 2
S 3	16 44 30	12° 2'50	0♍18	18° 5	27°43	11°59	27° 0	6° 9	14°16	15°54	3° 7	1°16	0°44	9°37	20°43	S 3
S 4	16 48 26	13° 0'15	12°41	20°14	28°48	12°25	26°57	6°17	14°19	15°54	3° 8	1°D15	0°41	9°43	20°40	S 4
M 5	16 52 23	13°57'39	25°22	22°21	29°53	12°51	26°53	6°25	14°23	15°55	3° 9	1°16	0°37	9°50	20°37	M 5
T 6	16 56 19	14°55'03	8♎27	24°27	0♉58	13°18	26°49	6°33	14°26	15°55	3°10	1°16	0°34	9°57	20°35	T 6
W 7	17 0 16	15°52'25	21°56	26°32	2° 3	13°45	26°45	6°40	14°29	15°56	3°11	1°17	0°31	10° 3	20°32	W 7
T 8	17 4 12	16°49'46	5♏52	28°34	3° 9	14°12	26°41	6°48	14°32	15°56	3°12	1°18	0°28	10°10	20°29	T 8
F 9	17 8 9	17°47'06	20°14	0♋34	4°14	14°39	26°37	6°56	14°35	15°56	3°13	1°19	0°25	10°17	20°26	F 9
S 10	17 12 5	18°44'25	4♐58	2°32	5°20	15° 7	26°33	7° 4	14°38	15°57	3°14	1°R19	0°21	10°23	20°24	S 10
S 11	17 16 2	19°41'43	19°59	4°29	6°26	15°35	26°28	7°11	14°41	15°57	3°15	1°19	0°18	10°30	20°21	S 11
M12	17 19 59	20°39'01	5♑ 8	6°22	7°32	16° 3	26°23	7°19	14°44	15°57	3°16	1°17	0°15	10°37	20°18	M12
T 13	17 23 55	21°36'19	20°16	8°14	8°39	16°31	26°18	7°27	14°47	15°57	3°17	1°15	0°12	10°43	20°15	T 13
W14	17 27 52	22°33'35	5♒13	10° 3	9°45	17° 0	26°13	7°34	14°50	15°57	3°18	1°12	0° 9	10°50	20°12	W14
T 15	17 31 48	23°30'52	19°52	11°50	10°52	17°28	26° 8	7°42	14°53	15°58	3°19	1°10	0° 6	10°57	20° 9	T 15
F 16	17 35 45	24°28'08	4♓ 8	13°34	11°59	17°57	26° 2	7°49	14°55	15°58	3°20	1° 8	0° 2	11° 3	20° 5	F 16
S 17	17 39 41	25°25'23	17°59	15°16	13° 5	18°26	25°57	7°57	14°58	15°58	3°21	1° 7	29♉59	11°10	20° 2	S 17
S 18	17 43 38	26°22'39	1♈24	16°55	14°12	18°55	25°51	8° 5	15° 1	15°58	3°22	1°D 6	29°56	11°17	19°59	S 18
M19	17 47 34	27°19'54	14°27	18°32	15°20	19°25	25°45	8°12	15° 4	15°R58	3°23	1° 7	29°53	11°23	19°56	M19
T 20	17 51 31	28°17'09	27° 9	20° 7	16°27	19°55	25°40	8°20	15° 7	15°58	3°24	1° 9	29°50	11°30	19°53	T 20
W21	17 55 28	29°14'24	9♉34	21°39	17°34	20°25	25°33	8°27	15° 9	15°58	3°25	1°10	29°47	11°37	19°49	W21
T 22	17 59 24	0♋11'39	21°46	23° 9	18°42	20°55	25°27	8°35	15°12	15°58	3°26	1°12	29°43	11°44	19°46	T 22
F 23	18 3 21	1° 8'54	3♊49	24°36	19°49	21°25	25°21	8°42	15°15	15°58	3°26	1°R12	29°40	11°50	19°42	F 23
S 24	18 7 17	2° 6'08	15°45	26° 1	20°57	21°55	25°15	8°49	15°17	15°57	3°27	1°11	29°37	11°57	19°39	S 24
S 25	18 11 14	3° 3'23	27°36	27°23	22° 5	22°26	25° 8	8°57	15°20	15°57	3°28	1° 8	29°34	12° 4	19°36	S 25
M26	18 15 10	4° 0'37	9♋26	28°42	23°13	22°57	25° 1	9° 4	15°22	15°57	3°29	1° 4	29°31	12°10	19°32	M26
T 27	18 19 7	4°57'51	21°15	29°59	24°21	23°28	24°55	9°11	15°25	15°57	3°29	0°59	29°27	12°17	19°29	T 27
W28	18 23 3	5°55'04	3♌ 6	1♌13	25°29	23°59	24°48	9°19	15°28	15°56	3°30	0°53	29°24	12°24	19°25	W28
T 29	18 27 0	6°52'17	15° 2	2°25	26°38	24°31	24°41	9°26	15°30	15°56	3°31	0°47	29°21	12°30	19°22	T 29
F 30	18 30 57	7♋49'30	27♌ 3	3♌33	27♉46	25♍ 2	24♑34	9♊33	15♉32	15♓56	3♉32	0♊41	29♉18	12♋37	19♑18	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n59	23n22	4n47	23n30	1n 2	7n49	2s14	8n28	1n 9	21s 1	0s16	19n42	1s38	15n45	0s22	6s29	0s59	2s54	16s24	20n26	20n21	26n20	14s36	7n20
F 2	22 7	20 17	5 8	23 53	1 11	8 10	2 16	8 16	1 7	21 2	0 16	19 43	1 38	15 46	0 22	6 29	0 59	2 54	16 24	20 26	20 20	26 20	14 36	7 21
S 3	22 15	16 19	5 17	24 14	1 19	8 32	2 17	8 5	1 6	21 2	0 16	19 44	1 38	15 47	0 22	6 29	0 59	2 54	16 24	20 26	20 19	26 20	14 36	7 21
S 4	22 23	11 35	5 10	24 32	1 26	8 54	2 18	7 54	1 4	21 3	0 16	19 46	1 38	15 48	0 22	6 29	0 59	2 53	16 25	20 26	20 19	26 20	14 36	7 21
M 5	22 30	6 16	4 49	24 47	1 33	9 15	2 20	7 42	1 3	21 4	0 17	19 47	1 38	15 48	0 22	6 28	1 0	2 53	16 25	20 26	20 18	26 21	14 36	7 22
T 6	22 36	0 31	4 13	25 0	1 39	9 37	2 21	7 31	1 1	21 5	0 17	19 48	1 38	15 49	0 22	6 28	1 0	2 53	16 25	20 26	20 17	26 21	14 36	7 22
W 7	22 43	5s26	3 21	25 9	1 45	9 59	2 22	7 19	1 0	21 6	0 17	19 50	1 38	15 50	0 22	6 28	1 0	2 53	16 25	20 26	20 17	26 21	14 36	7 23
T 8	22 48	11 21	2 16	25 16	1 49	10 20	2 23	7 7	0 59	21 7	0 17	19 51	1 38	15 51	0 22	6 28	1 0	2 53	16 25	20 26	20 16	26 21	14 36	7 23
F 9	22 54	16 50	1 1	25 21	1 53	10 42	2 23	6 55	0 57	21 8	0 17	19 52	1 38	15 52	0 22	6 28	1 0	2 53	16 26	20 27	20 15	26 21	14 36	7 23
S 10	22 59	21 28	0s20	25 23	1 56	11 3	2 24	6 44	0 56	21 9	0 17	19 54	1 38	15 53	0 22	6 28	1 0	2 53	16 26	20 27	20 15	26 21	14 36	7 24
S 11	23 4	24 46	1 41	25 22	1 59	11 24	2 24	6 31	0 54	21 10	0 18	19 55	1 38	15 54	0 22	6 28	1 0	2 52	16 26	20 26	20 14	26 22	14 36	7 24
M12	23 8	26 17	2 56	25 19	2 1	11 45	2 25	6 19	0 53	21 11	0 18	19 56	1 38	15 55	0 22	6 28	1 0	2 52	16 26	20 26	20 13	26 22	14 36	7 24
T 13	23 12	25 51	3 58	25 13	2 1	12 6	2 25	6 7	0 52	21 12	0 18	19 57	1 38	15 56	0 22	6 28	1 0	2 52	16 26	20 26	20 13	26 22	14 36	7 25
W14	23 15	23 33	4 43	25 6	2 2	12 27	2 25	5 55	0 50	21 13	0 18	19 59	1 38	15 56	0 22	6 28	1 0	2 52	16 27	20 25	20 12	26 22	14 36	7 25
T 15	23 18	19 45	5 9	24 57	2 1	12 48	2 25	5 42	0 49	21 14	0 18	20 0	1 38	15 57	0 22	6 28	1 0	2 52	16 27	20 25	20 11	26 22	14 36	7 25
F 16	23 21	14 53	5 14	24 45	2 0	13 8	2 25	5 30	0 48	21 16	0 18	20 1	1 38	15 58	0 22	6 28	1 0	2 52	16 27	20 24	20 11	26 22	14 36	7 26
S 17	23 23	9 23	5 1	24 32	1 58	13 28	2 25	5 17	0 46	21 17	0 19	20 2	1 38	15 59	0 22	6 28	1 0	2 52	16 27	20 24	20 10	26 22	14 36	7 26
S 18	23 25	3 36	4 32	24 17	1 55	13 49	2 25	5 5	0 45	21 18	0 19	20 4	1 38	16 0	0 22	6 28	1 0	2 52	16 28	20 24	20 9	26 22	14 37	7 26
M19	23 26	2n10	3 49	24 1	1 52	14 8	2 24	4 52	0 44	21 19	0 19	20 5	1 38	16 1	0 22	6 28	1 0	2 52	16 28	20 24	20 9	26 22	14 37	7 27
T 20	23 27	7 43	2 56	23 44	1 48	14 28	2 24	4 39	0 42	21 21	0 19	20 6	1 38	16 1	0 22	6 28	1 0	2 52	16 28	20 24	20 8	26 22	14 37	7 27
W21	23 27	12 51	1 56	23 25	1 43	14 48	2 23	4 26	0 41	21 22	0 19	20 7	1 38	16 2	0 22	6 28	1 0	2 52	16 28	20 25	20 7	26 23	14 37	7 27
T 22	23 28	17 24	0 52	23 5	1 38	15 7	2 23	4 13	0 40	21 23	0 19	20 8	1 38	16 3	0 23	6 28	1 0	2 52	16 29	20 25	20 7	26 23	14 37	7 27
F 23	23 27	21 10	0n14	22 44	1 32	15 26	2 22	4 0	0 39	21 24	0 20	20 10	1 38	16 4	0 23	6 28	1 0	2 52	16 29	20 25	20 6	26 23	14 38	7 28
S 24	23 27	24 0	1 19	22 22	1 25	15 44	2 21	3 47	0 38	21 26	0 20	20 11	1 38	16 5	0 23	6 28	1 0	2 52	16 29	20 25	20 5	26 23	14 38	7 28
S 25	23 25	25 46	2 19	21 59	1 18	16 3	2 20	3 34	0 36	21 27	0 20	20 12	1 38	16 5	0 23	6 28	1 0	2 52	16 30	20 24	20 4	26 23	14 38	7 28
M26	23 24	26 21	3 14	21 35	1 10	16 21	2 19	3 20	0 35	21 29	0 20	20 13	1 38	16 6	0 23	6 28	1 0	2 52	16 30	20 23	20 4	26 23	14 38	7 28
T 27	23 22	25 43	4 0	21 11	1 2	16 39	2 18	3 7	0 34	21 30	0 20	20 14	1 38	16 7	0 23	6 29	1 0	2 52	16 30	20 22	20 3	26 23	14 39	7 28
W28	23 20	23 56	4 35	20 46	0 53	16 56	2 17	2 53	0 33	21 31	0 21	20 15	1 38	16 7	0 23	6 29	1 0	2 52	16 30	20 21	20 2	26 23	14 39	7 29
T 29	23 17	21 6	4 59	20 21	0 44	17 13	2 15	2 40	0 32	21 33	0 21	20 16	1 38	16 8	0 23	6 29	1 1	2 52	16 31	20 20	20 2	26 23	14 39	7 29
F 30	23n14	17n21	5n10	19n56	0n34	17n30	2s14	2n26	0n30	21s34	0s21	20n17	1s38	16n 9	0s23	6s29	1s 1	2s52	16s31	20n19	20n 1	26n23	14s40	7n29

Julian Day Number = 2398370.5, Delta T = 10.35 sec
Ecliptic obliquity = 23°27'34, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°42'26, Lahiri = 21°49'27

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1854
geocentric

JULY 1854 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 34 53	8♋46'43	9♍14	4♌39	28♉54	25♍34	24°R27	9♊40	15♉35	15°R55	3♉32	0°R36	29♉15	12♋44	19°R14	S 1
S 2	18 38 50	9°43'55	21°38	5°42	0♊ 3	26° 6	24♑19	9°47	15°37	15♓55	3°33	0♊33	29°12	12°50	19♑11	S 2
M 3	18 42 46	10°41'07	4♎17	6°42	1°12	26°38	24°12	9°55	15°39	15°55	3°34	0°31	29° 8	12°57	19° 7	M 3
T 4	18 46 43	11°38'19	17°16	7°38	2°20	27°10	24° 5	10° 2	15°42	15°54	3°34	0°D31	29° 5	13° 4	19° 4	T 4
W 5	18 50 39	12°35'31	0♏38	8°31	3°29	27°42	23°57	10° 9	15°44	15°54	3°35	0°32	29° 2	13°10	19° 0	W 5
T 6	18 54 36	13°32'42	14°25	9°21	4°38	28°15	23°50	10°16	15°46	15°53	3°35	0°33	28°59	13°17	18°56	T 6
F 7	18 58 32	14°29'53	28°39	10° 7	5°47	28°48	23°43	10°23	15°48	15°53	3°36	0°R34	28°56	13°24	18°53	F 7
S 8	19 2 29	15°27'05	13♐19	10°50	6°56	29°20	23°35	10°29	15°51	15°52	3°37	0°33	28°53	13°30	18°49	S 8
S 9	19 6 26	16°24'16	28°18	11°29	8° 6	29°53	23°27	10°36	15°53	15°51	3°37	0°31	28°49	13°37	18°45	S 9
M10	19 10 22	17°21'27	13♑32	12° 4	9°15	0♒27	23°20	10°43	15°55	15°51	3°38	0°26	28°46	13°44	18°42	M10
T 11	19 14 19	18°18'39	28°48	12°35	10°24	1° 0	23°12	10°50	15°57	15°50	3°38	0°20	28°43	13°51	18°38	T 11
W12	19 18 15	19°15'51	13♒58	13° 2	11°34	1°33	23° 4	10°57	15°59	15°49	3°39	0°13	28°40	13°57	18°34	W12
T 13	19 22 12	20°13'03	28°50	13°24	12°43	2° 7	22°57	11° 3	16° 1	15°49	3°39	0° 6	28°37	14° 4	18°31	T 13
F 14	19 26 8	21°10'16	13♓17	13°42	13°53	2°41	22°49	11°10	16° 2	15°48	3°40	29♉59	28°33	14°11	18°27	F 14
S 15	19 30 5	22° 7'29	27°17	13°55	15° 3	3°14	22°41	11°16	16° 4	15°47	3°40	29°55	28°30	14°17	18°23	S 15
S 16	19 34 2	23° 4'43	10♈47	14° 4	16°13	3°48	22°33	11°23	16° 6	15°46	3°40	29°53	28°27	14°24	18°20	S 16
M17	19 37 58	24° 1'58	23°49	14°R 8	17°22	4°23	22°26	11°29	16° 8	15°45	3°41	29°D52	28°24	14°31	18°16	M17
T 18	19 41 55	24°59'13	6♉29	14° 7	18°32	4°57	22°18	11°36	16°10	15°45	3°41	29°53	28°21	14°37	18°12	T 18
W19	19 45 51	25°56'29	18°49	14° 1	19°42	5°31	22°10	11°42	16°11	15°44	3°41	29°53	28°18	14°44	18° 9	W19
T 20	19 49 48	26°53'46	0♊55	13°50	20°53	6° 6	22° 3	11°48	16°13	15°43	3°42	29°R54	28°14	14°51	18° 5	T 20
F 21	19 53 44	27°51'04	12°51	13°34	22° 3	6°40	21°55	11°55	16°15	15°42	3°42	29°53	28°11	14°57	18° 2	F 21
S 22	19 57 41	28°48'23	24°41	13°14	23°13	7°15	21°47	12° 1	16°16	15°41	3°42	29°50	28° 8	15° 4	17°58	S 22
S 23	20 1 37	29°45'42	6♋30	12°49	24°24	7°50	21°40	12° 7	16°18	15°40	3°43	29°44	28° 5	15°11	17°55	S 23
M24	20 5 34	0♌43'02	18°19	12°20	25°34	8°25	21°32	12°13	16°19	15°39	3°43	29°37	28° 2	15°17	17°51	M24
T 25	20 9 31	1°40'23	0♌11	11°47	26°45	9° 0	21°24	12°19	16°20	15°38	3°43	29°26	27°59	15°24	17°47	T 25
W26	20 13 27	2°37'45	12° 7	11°10	27°55	9°36	21°17	12°25	16°22	15°37	3°43	29°15	27°55	15°31	17°44	W26
T 27	20 17 24	3°35'07	24°10	10°30	29° 6	10°11	21°10	12°31	16°23	15°36	3°43	29° 3	27°52	15°37	17°41	T 27
F 28	20 21 20	4°32'30	6♍20	9°48	0♋17	10°47	21° 2	12°37	16°24	15°34	3°43	28°52	27°49	15°44	17°37	F 28
S 29	20 25 17	5°29'53	18°39	9° 4	1°27	11°22	20°55	12°43	16°26	15°33	3°44	28°42	27°46	15°51	17°34	S 29
S 30	20 29 13	6°27'17	1♎ 8	8°20	2°38	11°58	20°48	12°48	16°27	15°32	3°44	28°35	27°43	15°58	17°30	S 30
M31	20 33 10	7♌24'42	13♎51	7♌35	3♋49	12♎34	20♑41	12♊54	16♉28	15♓31	3♉44	28♉30	27♉39	16♋ 4	17♑27	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n10	12n51	5n 7	19n30	0n24	17n46	2s13	2n13	0n29	21s36	0s21	20n18	1s38	16n10	0s23	6s29	1s 1	2s52	16s31	20n18	20n 0	26n23	14s40	7n29
S 2	23 6	7 46	4 50	19 4	0 13	18 3	2 11	1 59	0 28	21 37	0 21	20 19	1 38	16 10	0 23	6 29	1 1	2 52	16 32	20 17	20 0	26 23	14 40	7 29
M 3	23 2	2 15	4 18	18 38	0 2	18 18	2 9	1 45	0 27	21 38	0 21	20 20	1 38	16 11	0 23	6 30	1 1	2 52	16 32	20 17	19 59	26 23	14 41	7 29
T 4	22 57	3s30	3 33	18 13	0s10	18 34	2 8	1 31	0 26	21 40	0 21	20 21	1 38	16 12	0 23	6 30	1 1	2 52	16 32	20 17	19 58	26 23	14 41	7 29
W 5	22 52	9 17	2 35	17 47	0 22	18 48	2 6	1 17	0 25	21 41	0 22	20 22	1 38	16 12	0 23	6 30	1 1	2 52	16 32	20 17	19 58	26 23	14 41	7 29
T 6	22 46	14 48	1 26	17 22	0 35	19 3	2 4	1 4	0 24	21 43	0 22	20 23	1 38	16 13	0 23	6 30	1 1	2 52	16 33	20 17	19 57	26 23	14 42	7 30
F 7	22 40	19 43	0 10	16 57	0 48	19 17	2 2	0 49	0 23	21 44	0 22	20 24	1 38	16 13	0 23	6 31	1 1	2 52	16 33	20 17	19 56	26 23	14 42	7 30
S 8	22 34	23 33	1s 8	16 33	1 1	19 31	2 0	0 35	0 21	21 46	0 22	20 25	1 38	16 14	0 23	6 31	1 1	2 53	16 33	20 17	19 56	26 22	14 43	7 30
S 9	22 27	25 51	2 24	16 9	1 15	19 44	1 58	0 21	0 20	21 47	0 22	20 26	1 38	16 15	0 23	6 31	1 1	2 53	16 34	20 17	19 55	26 22	14 43	7 30
M10	22 20	26 16	3 31	15 46	1 29	19 57	1 56	0 7	0 19	21 49	0 22	20 27	1 38	16 15	0 23	6 31	1 1	2 53	16 34	20 16	19 54	26 22	14 44	7 30
T 11	22 12	24 42	4 22	15 24	1 43	20 9	1 54	0s 7	0 18	21 50	0 23	20 28	1 38	16 16	0 23	6 32	1 1	2 53	16 34	20 14	19 53	26 22	14 44	7 30
W12	22 4	21 21	4 55	15 3	1 57	20 21	1 52	0 21	0 17	21 51	0 23	20 29	1 38	16 16	0 23	6 32	1 1	2 53	16 35	20 13	19 53	26 22	14 44	7 30
T 13	21 56	16 41	5 7	14 43	2 11	20 32	1 49	0 36	0 16	21 53	0 23	20 30	1 38	16 17	0 23	6 32	1 1	2 53	16 35	20 11	19 52	26 22	14 45	7 30
F 14	21 47	11 10	4 59	14 24	2 25	20 43	1 47	0 50	0 15	21 54	0 23	20 31	1 38	16 17	0 23	6 33	1 1	2 53	16 35	20 10	19 51	26 22	14 45	7 30
S 15	21 38	5 16	4 33	14 7	2 40	20 53	1 45	1 4	0 14	21 56	0 23	20 31	1 38	16 18	0 23	6 33	1 1	2 54	16 36	20 9	19 51	26 22	14 46	7 30
S 16	21 29	0n42	3 53	13 51	2 54	21 3	1 42	1 19	0 13	21 57	0 23	20 32	1 38	16 18	0 23	6 33	1 1	2 54	16 36	20 9	19 50	26 22	14 46	7 30
M17	21 19	6 27	3 1	13 36	3 8	21 12	1 40	1 33	0 12	21 59	0 23	20 33	1 39	16 19	0 23	6 34	1 1	2 54	16 36	20 8	19 49	26 22	14 47	7 30
T 18	21 9	11 46	2 2	13 23	3 22	21 21	1 37	1 48	0 11	22 0	0 24	20 34	1 39	16 19	0 23	6 34	1 1	2 54	16 37	20 8	19 49	26 21	14 47	7 30
W19	20 59	16 29	0 59	13 12	3 35	21 29	1 35	2 2	0 10	22 1	0 24	20 35	1 39	16 20	0 23	6 34	1 1	2 54	16 37	20 9	19 48	26 21	14 48	7 30
T 20	20 48	20 27	0n 5	13 3	3 48	21 37	1 32	2 17	0 9	22 3	0 24	20 36	1 39	16 20	0 23	6 35	1 1	2 54	16 37	20 9	19 47	26 21	14 48	7 30
F 21	20 37	23 30	1 9	12 56	4 0	21 44	1 29	2 32	0 8	22 4	0 24	20 36	1 39	16 21	0 23	6 35	1 1	2 55	16 37	20 9	19 46	26 21	14 49	7 30
S 22	20 25	25 30	2 9	12 51	4 11	21 51	1 27	2 46	0 7	22 5	0 24	20 37	1 39	16 21	0 23	6 36	1 1	2 55	16 38	20 8	19 46	26 21	14 50	7 29
S 23	20 13	26 20	3 3	12 48	4 21	21 57	1 24	3 1	0 6	22 7	0 24	20 38	1 39	16 22	0 23	6 36	1 1	2 55	16 38	20 7	19 45	26 21	14 50	7 29
M24	20 1	25 59	3 49	12 47	4 31	22 2	1 21	3 16	0 5	22 8	0 24	20 39	1 39	16 22	0 23	6 37	1 1	2 55	16 38	20 5	19 44	26 20	14 51	7 29
T 25	19 48	24 26	4 25	12 48	4 39	22 7	1 18	3 30	0 4	22 9	0 24	20 39	1 39	16 23	0 23	6 37	1 2	2 56	16 39	20 3	19 44	26 20	14 51	7 29
W26	19 35	21 48	4 49	12 52	4 45	22 11	1 15	3 45	0 3	22 11	0 25	20 40	1 39	16 23	0 23	6 37	1 2	2 56	16 39	20 0	19 43	26 20	14 52	7 29
T 27	19 22	18 13	5 1	12 57	4 51	22 15	1 13	4 0	0 2	22 12	0 25	20 41	1 39	16 23	0 23	6 38	1 2	2 56	16 39	19 58	19 42	26 20	14 52	7 29
F 28	19 9	13 50	5 0	13 5	4 54	22 18	1 10	4 15	0 1	22 13	0 25	20 41	1 39	16 24	0 23	6 38	1 2	2 56	16 40	19 55	19 41	26 20	14 53	7 29
S 29	18 55	8 51	4 45	13 14	4 56	22 20	1 7	4 30	0 1	22 15	0 25	20 42	1 39	16 24	0 23	6 39	1 2	2 57	16 40	19 53	19 41	26 19	14 54	7 28
S 30	18 41	3 27	4 16	13 25	4 57	22 22	1 4	4 45	0s 0	22 16	0 25	20 43	1 39	16 24	0 23	6 39	1 2	2 57	16 40	19 52	19 40	26 19	14 54	7 28
M31	18n26	2s11	3n34	13n38	4s55	22n23	1s 1	4s59	0s 1	22s17	0s25	20n43	1s39	16n25	0s23	6s40	1s 2	2s57	16s41	19n51	19n39	26n19	14s55	7n28

Julian Day Number = 2398400.5, Delta T = 10.35 sec
Ecliptic obliquity = 23°27'34, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°42'30, Lahiri = 21°49'31

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ASTRODIENST EPHEMERIS for the year 1854
geocentric

AUGUST 1854 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 37 6	8♌22'07	26♎50	6°R50	5♋ 0	13♎10	20°R33	12♊59	16♉29	15°R30	3♉44	28°R28	27♉36	16♋11	17°R24	T 1
W 2	20 41 3	9°19'33	10♏ 7	6♌ 7	6°11	13°46	20♑26	13° 5	16°30	15♓28	3°44	28°D28	27°33	16°18	17♑20	W 2
T 3	20 45 0	10°17'00	23°46	5°26	7°22	14°23	20°20	13°10	16°31	15°27	3°44	28°R28	27°30	16°24	17°17	T 3
F 4	20 48 56	11°14'27	7♐49	4°48	8°34	14°59	20°13	13°16	16°32	15°26	3°R44	28♉28	27°27	16°31	17°14	F 4
S 5	20 52 53	12°11'55	22°14	4°14	9°45	15°36	20° 6	13°21	16°33	15°25	3°44	28°26	27°24	16°38	17°11	S 5
S 6	20 56 49	13° 9'24	7♑ 1	3°45	10°56	16°12	20° 0	13°26	16°34	15°23	3°44	28°22	27°20	16°44	17° 8	S 6
M 7	21 0 46	14° 6'54	22° 3	3°21	12° 8	16°49	19°53	13°31	16°35	15°22	3°44	28°15	27°17	16°51	17° 5	M 7
T 8	21 4 42	15° 4'25	7♒13	3° 2	13°19	17°26	19°47	13°36	16°35	15°21	3°44	28° 6	27°14	16°58	17° 2	T 8
W 9	21 8 39	16° 1'57	22°19	2°50	14°31	18° 3	19°41	13°41	16°36	15°19	3°44	27°56	27°11	17° 4	16°59	W 9
T 10	21 12 35	16°59'30	7♓13	2°D44	15°42	18°40	19°34	13°46	16°37	15°18	3°44	27°45	27° 8	17°11	16°56	T 10
F 11	21 16 32	17°57'04	21°45	2°44	16°54	19°17	19°28	13°51	16°37	15°16	3°43	27°35	27° 5	17°18	16°53	F 11
S 12	21 20 29	18°54'39	5♈49	2°52	18° 6	19°54	19°23	13°56	16°38	15°15	3°43	27°28	27° 1	17°25	16°50	S 12
S 13	21 24 25	19°52'16	19°24	3° 7	19°18	20°32	19°17	14° 0	16°38	15°14	3°43	27°22	26°58	17°31	16°47	S 13
M14	21 28 22	20°49'54	2♉31	3°29	20°30	21° 9	19°11	14° 5	16°39	15°12	3°43	27°20	26°55	17°38	16°44	M14
T 15	21 32 18	21°47'34	15°12	3°59	21°42	21°47	19° 6	14° 9	16°39	15°11	3°43	27°19	26°52	17°45	16°42	T 15
W16	21 36 15	22°45'16	27°32	4°36	22°54	22°25	19° 1	14°14	16°40	15° 9	3°42	27°19	26°49	17°51	16°39	W16
T 17	21 40 11	23°42'59	9♊37	5°19	24° 6	23° 2	18°55	14°18	16°40	15° 8	3°42	27°18	26°45	17°58	16°37	T 17
F 18	21 44 8	24°40'44	21°32	6°10	25°18	23°40	18°50	14°22	16°40	15° 6	3°42	27°17	26°42	18° 5	16°34	F 18
S 19	21 48 4	25°38'31	3♋22	7° 8	26°30	24°18	18°46	14°27	16°40	15° 5	3°41	27°13	26°39	18°11	16°32	S 19
S 20	21 52 1	26°36'19	15°10	8°12	27°42	24°57	18°41	14°31	16°41	15° 3	3°41	27° 6	26°36	18°18	16°29	S 20
M21	21 55 58	27°34'08	27° 2	9°23	28°55	25°35	18°36	14°35	16°41	15° 1	3°41	26°57	26°33	18°25	16°27	M21
T 22	21 59 54	28°32'00	8♌59	10°39	0♌ 7	26°13	18°32	14°38	16°41	15° 0	3°40	26°45	26°30	18°31	16°24	T 22
W23	22 3 51	29°29'52	21° 4	12° 1	1°20	26°52	18°28	14°42	16°R41	14°58	3°40	26°32	26°26	18°38	16°22	W23
T 24	22 7 47	0♍27'47	3♍17	13°29	2°32	27°30	18°24	14°46	16°41	14°57	3°40	26°18	26°23	18°45	16°20	T 24
F 25	22 11 44	1°25'42	15°40	15° 1	3°45	28° 9	18°20	14°50	16°41	14°55	3°39	26° 5	26°20	18°52	16°18	F 25
S 26	22 15 40	2°23'40	28°13	16°38	4°57	28°48	18°16	14°53	16°40	14°54	3°39	25°54	26°17	18°58	16°16	S 26
S 27	22 19 37	3°21'38	10♎57	18°18	6°10	29°26	18°13	14°57	16°40	14°52	3°38	25°45	26°14	19° 5	16°14	S 27
M28	22 23 33	4°19'38	23°51	20° 2	7°23	0♏ 5	18° 9	15° 0	16°40	14°50	3°38	25°39	26°11	19°12	16°12	M28
T 29	22 27 30	5°17'40	6♏59	21°49	8°36	0°44	18° 6	15° 3	16°40	14°49	3°37	25°36	26° 7	19°18	16°10	T 29
W30	22 31 27	6°15'43	20°20	23°38	9°48	1°24	18° 3	15° 6	16°39	14°47	3°37	25°D35	26° 4	19°25	16° 8	W30
T 31	22 35 23	7♍13'47	3♐57	25♌30	11♌ 1	2♏ 3	18♑ 1	15♊ 9	16♉39	14♓45	3♉36	25°R35	26♉ 1	19♋32	16♑ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n11	7s52	2n40	13n52	4s51	22n24	0s58	5s14	0s 2	22s18	0s25	20n44	1s39	16n25	0s23	6s40	1s 2	2s58	16s41	19n50	19n39	26n19	14s55	7n28
W 2	17 56	13 21	1 36	14 8	4 46	22 24	0 55	5 29	0 3	22 19	0 25	20 44	1 40	16 25	0 23	6 41	1 2	2 58	16 41	19 50	19 38	26 18	14 56	7 28
T 3	17 41	18 20	0 25	14 24	4 39	22 23	0 52	5 44	0 4	22 20	0 26	20 45	1 40	16 25	0 23	6 41	1 2	2 58	16 42	19 50	19 37	26 18	14 57	7 27
F 4	17 25	22 27	0s49	14 42	4 31	22 22	0 49	5 59	0 5	22 22	0 26	20 46	1 40	16 26	0 23	6 42	1 2	2 58	16 42	19 50	19 36	26 18	14 57	7 27
S 5	17 9	25 16	2 2	14 59	4 21	22 20	0 46	6 14	0 6	22 23	0 26	20 46	1 40	16 26	0 23	6 42	1 2	2 59	16 42	19 50	19 36	26 18	14 58	7 27
S 6	16 53	26 25	3 9	15 18	4 9	22 18	0 43	6 29	0 7	22 24	0 26	20 47	1 40	16 26	0 23	6 43	1 2	2 59	16 43	19 49	19 35	26 17	14 58	7 27
M 7	16 36	25 39	4 4	15 36	3 56	22 15	0 40	6 44	0 7	22 25	0 26	20 47	1 40	16 26	0 23	6 43	1 2	2 59	16 43	19 47	19 34	26 17	14 59	7 26
T 8	16 20	23 1	4 41	15 53	3 42	22 11	0 37	6 59	0 8	22 26	0 26	20 48	1 40	16 27	0 23	6 44	1 2	3 0	16 43	19 45	19 33	26 17	15 0	7 26
W 9	16 3	18 48	5 0	16 11	3 27	22 7	0 34	7 14	0 9	22 27	0 26	20 48	1 40	16 27	0 23	6 45	1 2	3 0	16 44	19 43	19 33	26 17	15 0	7 26
T 10	15 45	13 27	4 57	16 27	3 12	22 2	0 31	7 28	0 10	22 28	0 26	20 49	1 40	16 27	0 23	6 45	1 2	3 0	16 44	19 40	19 32	26 16	15 1	7 26
F 11	15 28	7 29	4 35	16 43	2 55	21 56	0 28	7 43	0 11	22 29	0 26	20 49	1 40	16 27	0 23	6 46	1 2	3 1	16 44	19 38	19 31	26 16	15 2	7 25
S 12	15 10	1 19	3 57	16 58	2 39	21 50	0 25	7 58	0 12	22 30	0 26	20 50	1 40	16 27	0 23	6 46	1 2	3 1	16 45	19 37	19 31	26 16	15 2	7 25
S 13	14 52	4n44	3 6	17 11	2 22	21 43	0 22	8 13	0 12	22 31	0 26	20 50	1 40	16 27	0 23	6 47	1 2	3 1	16 45	19 35	19 30	26 15	15 3	7 25
M14	14 34	10 22	2 7	17 22	2 4	21 35	0 19	8 28	0 13	22 31	0 27	20 51	1 41	16 28	0 23	6 47	1 2	3 2	16 45	19 35	19 29	26 15	15 4	7 24
T 15	14 15	15 24	1 4	17 32	1 47	21 27	0 16	8 43	0 14	22 32	0 27	20 51	1 41	16 28	0 23	6 48	1 2	3 2	16 46	19 35	19 28	26 15	15 4	7 24
W16	13 57	19 39	0n 1	17 40	1 30	21 19	0 13	8 58	0 15	22 33	0 27	20 52	1 41	16 28	0 23	6 49	1 2	3 3	16 46	19 35	19 28	26 14	15 5	7 24
T 17	13 38	22 59	1 5	17 46	1 13	21 9	0 10	9 12	0 16	22 34	0 27	20 52	1 41	16 28	0 23	6 49	1 2	3 3	16 46	19 34	19 27	26 14	15 5	7 23
F 18	13 18	25 15	2 4	17 50	0 57	20 59	0 7	9 27	0 17	22 35	0 27	20 52	1 41	16 28	0 23	6 50	1 2	3 3	16 47	19 34	19 26	26 13	15 6	7 23
S 19	12 59	26 23	2 58	17 51	0 41	20 49	0 4	9 42	0 17	22 35	0 27	20 53	1 41	16 28	0 23	6 50	1 2	3 4	16 47	19 33	19 25	26 13	15 7	7 23
S 20	12 39	26 18	3 44	17 50	0 25	20 38	0 1	9 57	0 18	22 36	0 27	20 53	1 41	16 28	0 23	6 51	1 2	3 4	16 47	19 32	19 25	26 13	15 7	7 22
M21	12 20	25 2	4 20	17 46	0 10	20 26	0n 2	10 11	0 19	22 37	0 27	20 53	1 41	16 28	0 23	6 52	1 2	3 5	16 47	19 30	19 24	26 12	15 8	7 22
T 22	12 0	22 37	4 46	17 39	0n 4	20 14	0 5	10 26	0 20	22 37	0 27	20 54	1 41	16 28	0 23	6 52	1 2	3 5	16 48	19 27	19 23	26 12	15 9	7 21
W23	11 39	19 12	4 58	17 29	0 17	20 1	0 8	10 41	0 20	22 38	0 27	20 54	1 41	16 28	0 23	6 53	1 2	3 5	16 48	19 24	19 22	26 12	15 9	7 21
T 24	11 19	14 56	4 57	17 16	0 30	19 47	0 11	10 55	0 21	22 39	0 27	20 54	1 42	16 28	0 23	6 54	1 2	3 6	16 48	19 21	19 22	26 11	15 10	7 21
F 25	10 59	10 0	4 43	17 1	0 42	19 33	0 14	11 10	0 22	22 39	0 27	20 55	1 42	16 28	0 23	6 54	1 2	3 6	16 49	19 17	19 21	26 11	15 11	7 20
S 26	10 38	4 36	4 14	16 42	0 52	19 19	0 16	11 24	0 23	22 40	0 27	20 55	1 42	16 28	0 23	6 55	1 2	3 7	16 49	19 15	19 20	26 10	15 11	7 20
S 27	10 17	1s 5	3 32	16 20	1 2	19 3	0 19	11 39	0 23	22 40	0 27	20 55	1 42	16 28	0 23	6 55	1 2	3 7	16 49	19 13	19 20	26 10	15 12	7 19
M28	9 56	6 48	2 39	15 56	1 11	18 48	0 22	11 53	0 24	22 41	0 28	20 56	1 42	16 28	0 23	6 56	1 2	3 7	16 50	19 11	19 19	26 9	15 13	7 19
T 29	9 35	12 20	1 37	15 29	1 19	18 31	0 25	12 8	0 25	22 41	0 28	20 56	1 42	16 28	0 23	6 57	1 2	3 8	16 50	19 11	19 18	26 9	15 13	7 18
W30	9 13	17 24	0 28	15 0	1 26	18 15	0 27	12 22	0 26	22 42	0 28	20 56	1 42	16 28	0 23	6 57	1 2	3 8	16 50	19 10	19 17	26 8	15 14	7 18
T 31	8n52	21s41	0s44	14n28	1n31	17n57	0n30	12s36	0s26	22s42	0s28	20n56	1s42	16n27	0s23	6s58	1s 2	3s 9	16s50	19n10	19n17	26n 8	15s15	7n18

Julian Day Number = 2398431.5, Delta T = 10.35 sec
Ecliptic obliquity = 23°27'34, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°42'35, Lahiri = 21°49'35

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ASTRODIENST EPHEMERIS for the year 1854
geocentric

SEPTEMBER 1854 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 39 20	8♍11'52	17♐52	27♌23	12♌14	2♏42	17°R58	15♊12	16°R38	14°R44	3°R36	25°R35	25♉58	19♋38	16°R 5	F 1
S 2	22 43 16	9°10'00	2♑ 4	29°17	13°27	3°22	17♑56	15°15	16♉38	14♓42	3♉35	25♉33	25°55	19°45	16♑ 4	S 2
S 3	22 47 13	10° 8'08	16°33	1♍13	14°40	4° 1	17°53	15°18	16°37	14°41	3°35	25°29	25°51	19°52	16° 2	S 3
M 4	22 51 9	11° 6'18	1♒15	3° 8	15°54	4°41	17°51	15°21	16°37	14°39	3°34	25°22	25°48	19°58	16° 1	M 4
T 5	22 55 6	12° 4'29	16° 4	5° 4	17° 7	5°21	17°49	15°23	16°36	14°37	3°33	25°14	25°45	20° 5	15°59	T 5
W 6	22 59 2	13° 2'42	0♓53	7° 1	18°20	6° 0	17°48	15°26	16°36	14°36	3°33	25° 3	25°42	20°12	15°58	W 6
T 7	23 2 59	14° 0'57	15°32	8°56	19°33	6°40	17°46	15°28	16°35	14°34	3°32	24°53	25°39	20°19	15°57	T 7
F 8	23 6 56	14°59'13	29°55	10°52	20°47	7°20	17°45	15°30	16°34	14°32	3°31	24°43	25°36	20°25	15°56	F 8
S 9	23 10 52	15°57'31	13♈55	12°47	22° 0	8° 0	17°44	15°32	16°33	14°31	3°31	24°35	25°32	20°32	15°55	S 9
S 10	23 14 49	16°55'52	27°29	14°41	23°14	8°41	17°43	15°34	16°32	14°29	3°30	24°30	25°29	20°39	15°54	S 10
M11	23 18 45	17°54'14	10♉37	16°35	24°27	9°21	17°42	15°36	16°31	14°27	3°29	24°27	25°26	20°45	15°53	M11
T 12	23 22 42	18°52'38	23°20	18°27	25°41	10° 1	17°42	15°38	16°30	14°26	3°28	24°D26	25°23	20°52	15°52	T 12
W13	23 26 38	19°51'05	5♊43	20°19	26°54	10°42	17°42	15°40	16°29	14°24	3°28	24°26	25°20	20°59	15°51	W13
T 14	23 30 35	20°49'34	17°50	22°10	28° 8	11°22	17°D42	15°41	16°28	14°22	3°27	24°R27	25°16	21° 5	15°50	T 14
F 15	23 34 31	21°48'04	29°47	24° 0	29°22	12° 3	17°42	15°43	16°27	14°21	3°26	24°27	25°13	21°12	15°50	F 15
S 16	23 38 28	22°46'38	11♋38	25°49	0♍35	12°43	17°42	15°44	16°26	14°19	3°25	24°25	25°10	21°19	15°49	S 16
S 17	23 42 25	23°45'13	23°28	27°37	1°49	13°24	17°42	15°46	16°25	14°18	3°24	24°20	25° 7	21°26	15°49	S 17
M18	23 46 21	24°43'50	5♌23	29°24	3° 3	14° 5	17°43	15°47	16°24	14°16	3°24	24°14	25° 4	21°32	15°48	M18
T 19	23 50 18	25°42'30	17°25	1♎ 9	4°17	14°46	17°44	15°48	16°22	14°14	3°23	24° 5	25° 1	21°39	15°48	T 19
W20	23 54 14	26°41'11	29°38	2°54	5°31	15°27	17°45	15°49	16°21	14°13	3°22	23°55	24°57	21°46	15°48	W20
T 21	23 58 11	27°39'55	12♍ 3	4°38	6°45	16° 8	17°46	15°50	16°20	14°11	3°21	23°45	24°54	21°52	15°48	T 21
F 22	0 2 7	28°38'40	24°41	6°21	7°59	16°50	17°48	15°51	16°18	14°10	3°20	23°34	24°51	21°59	15°D48	F 22
S 23	0 6 4	29°37'28	7♎32	8° 3	9°13	17°31	17°49	15°51	16°17	14° 8	3°19	23°26	24°48	22° 6	15°48	S 23
S 24	0 10 0	0♎36'18	20°35	9°44	10°27	18°12	17°51	15°52	16°15	14° 6	3°18	23°19	24°45	22°12	15°48	S 24
M25	0 13 57	1°35'09	3♏51	11°24	11°41	18°54	17°53	15°52	16°14	14° 5	3°17	23°15	24°42	22°19	15°48	M25
T 26	0 17 53	2°34'02	17°17	13° 3	12°56	19°35	17°55	15°52	16°12	14° 3	3°16	23°D13	24°38	22°26	15°48	T 26
W27	0 21 50	3°32'58	0♐54	14°41	14°10	20°17	17°58	15°53	16°11	14° 2	3°15	23°13	24°35	22°33	15°49	W27
T 28	0 25 47	4°31'55	14°41	16°18	15°24	20°59	18° 0	15°R53	16° 9	14° 0	3°14	23°14	24°32	22°39	15°49	T 28
F 29	0 29 43	5°30'54	28°37	17°55	16°38	21°41	18° 3	15°53	16° 7	13°59	3°14	23°15	24°29	22°46	15°49	F 29
S 30	0 33 40	6♎29'54	12♑44	19♎30	17♍53	22♏23	18♑ 6	15♊53	16♉ 6	13♓57	3♉13	23°R15	24♉26	22♋53	15♑50	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n30	24s49	1s55	13n54	1n36	17n40	0n32	12s51	0s27	22s43	0s28	20n56	1s42	16n27	0s23	6s59	1s 2	3s 9	16s51	19n10	19n16	26n 8	15s15	7n17
S 2	8 8	26 27	3 0	13 18	1 40	17 21	0 35	13 5	0 28	22 43	0 28	20 57	1 43	16 27	0 23	6 59	1 2	3 10	16 51	19 10	19 15	26 7	15 16	7 17
S 3	7 46	26 19	3 55	12 40	1 43	17 2	0 37	13 19	0 28	22 43	0 28	20 57	1 43	16 27	0 23	7 0	1 2	3 10	16 51	19 9	19 14	26 7	15 17	7 16
M 4	7 24	24 23	4 36	12 0	1 46	16 43	0 40	13 33	0 29	22 44	0 28	20 57	1 43	16 27	0 23	7 1	1 2	3 10	16 51	19 7	19 14	26 6	15 17	7 16
T 5	7 2	20 46	4 58	11 19	1 47	16 23	0 42	13 47	0 30	22 44	0 28	20 57	1 43	16 27	0 23	7 1	1 3	3 11	16 52	19 5	19 13	26 6	15 18	7 15
W 6	6 40	15 50	5 0	10 37	1 48	16 3	0 45	14 1	0 30	22 44	0 28	20 57	1 43	16 26	0 23	7 2	1 3	3 11	16 52	19 3	19 12	26 5	15 18	7 15
T 7	6 18	10 3	4 42	9 53	1 47	15 42	0 47	14 15	0 31	22 45	0 28	20 57	1 43	16 26	0 23	7 3	1 3	3 12	16 52	19 0	19 11	26 5	15 19	7 14
F 8	5 55	3 49	4 7	9 9	1 47	15 21	0 49	14 28	0 32	22 45	0 28	20 58	1 43	16 26	0 23	7 3	1 3	3 12	16 53	18 58	19 10	26 4	15 20	7 14
S 9	5 33	2n27	3 18	8 23	1 45	15 0	0 51	14 42	0 33	22 45	0 28	20 58	1 43	16 26	0 23	7 4	1 3	3 13	16 53	18 56	19 10	26 3	15 20	7 13
S 10	5 10	8 26	2 18	7 37	1 43	14 38	0 53	14 56	0 33	22 45	0 28	20 58	1 43	16 25	0 23	7 5	1 3	3 13	16 53	18 55	19 9	26 3	15 21	7 13
M11	4 47	13 52	1 13	6 51	1 41	14 15	0 56	15 9	0 34	22 45	0 28	20 58	1 44	16 25	0 23	7 5	1 3	3 14	16 53	18 54	19 8	26 2	15 21	7 12
T 12	4 24	18 32	0 6	6 4	1 38	13 53	0 58	15 23	0 34	22 45	0 28	20 58	1 44	16 25	0 23	7 6	1 3	3 14	16 53	18 54	19 7	26 2	15 22	7 12
W13	4 1	22 16	1n 0	5 17	1 34	13 29	1 0	15 36	0 35	22 45	0 28	20 58	1 44	16 25	0 23	7 6	1 3	3 15	16 54	18 54	19 7	26 1	15 23	7 11
T 14	3 38	24 55	2 1	4 30	1 30	13 6	1 1	15 49	0 36	22 45	0 28	20 58	1 44	16 24	0 23	7 7	1 3	3 15	16 54	18 54	19 6	26 1	15 23	7 11
F 15	3 15	26 24	2 57	3 42	1 26	12 42	1 3	16 2	0 36	22 45	0 28	20 58	1 44	16 24	0 23	7 8	1 3	3 16	16 54	18 54	19 5	26 0	15 24	7 10
S 16	2 52	26 40	3 44	2 55	1 22	12 17	1 5	16 15	0 37	22 45	0 28	20 58	1 44	16 24	0 23	7 8	1 3	3 16	16 54	18 53	19 4	26 0	15 24	7 10
S 17	2 29	25 43	4 22	2 7	1 17	11 53	1 7	16 28	0 38	22 45	0 28	20 58	1 44	16 23	0 23	7 9	1 3	3 16	16 55	18 52	19 4	25 59	15 25	7 9
M18	2 6	23 36	4 48	1 20	1 11	11 28	1 9	16 41	0 38	22 45	0 29	20 58	1 44	16 23	0 23	7 10	1 3	3 17	16 55	18 51	19 3	25 58	15 26	7 9
T 19	1 42	20 25	5 2	0 33	1 6	11 2	1 10	16 54	0 39	22 45	0 29	20 58	1 45	16 22	0 23	7 10	1 3	3 17	16 55	18 49	19 2	25 58	15 26	7 8
W20	1 19	16 20	5 3	0s14	1 0	10 37	1 12	17 7	0 39	22 45	0 29	20 58	1 45	16 22	0 23	7 11	1 3	3 18	16 55	18 46	19 1	25 57	15 27	7 8
T 21	0 56	11 30	4 49	1 1	0 54	10 11	1 13	17 19	0 40	22 45	0 29	20 58	1 45	16 22	0 23	7 11	1 3	3 18	16 55	18 43	19 1	25 56	15 27	7 7
F 22	0 32	6 7	4 21	1 47	0 48	9 44	1 15	17 32	0 41	22 45	0 29	20 58	1 45	16 21	0 23	7 12	1 3	3 19	16 56	18 41	19 0	25 56	15 28	7 7
S 23	0 9	0 22	3 40	2 34	0 41	9 18	1 16	17 44	0 41	22 45	0 29	20 58	1 45	16 21	0 23	7 13	1 3	3 19	16 56	18 39	18 59	25 55	15 28	7 6
S 24	0s14	5s29	2 46	3 19	0 35	8 51	1 17	17 56	0 42	22 45	0 29	20 58	1 45	16 20	0 23	7 13	1 3	3 20	16 56	18 37	18 58	25 55	15 29	7 6
M25	0 38	11 12	1 42	4 5	0 28	8 24	1 19	18 8	0 42	22 44	0 29	20 58	1 45	16 20	0 23	7 14	1 3	3 20	16 56	18 36	18 57	25 54	15 29	7 5
T 26	1 1	16 30	0 32	4 50	0 22	7 57	1 20	18 20	0 43	22 44	0 29	20 58	1 45	16 20	0 23	7 15	1 3	3 21	16 56	18 36	18 57	25 53	15 30	7 4
W27	1 25	21 2	0s41	5 34	0 15	7 29	1 21	18 32	0 44	22 44	0 29	20 58	1 46	16 19	0 23	7 15	1 3	3 21	16 56	18 36	18 56	25 53	15 30	7 4
T 28	1 48	24 27	1 53	6 18	0 8	7 1	1 22	18 44	0 44	22 43	0 29	20 58	1 46	16 19	0 23	7 16	1 3	3 22	16 57	18 36	18 55	25 52	15 31	7 3
F 29	2 12	26 26	2 59	7 1	0 1	6 33	1 23	18 55	0 45	22 43	0 29	20 57	1 46	16 18	0 23	7 16	1 3	3 22	16 57	18 36	18 54	25 51	15 31	7 3
S 30	2s35	26s45	3s55	7s44	0s 6	6n 5	1n24	19s 7	0s45	22s43	0s29	20n57	1s46	16n18	0s23	7s17	1s 3	3s22	16s57	18n36	18n54	25n51	15s32	7n 2

Julian Day Number = 2398462.5, Delta T = 10.35 sec
Ecliptic obliquity = 23°27'35, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°42'39, Lahiri = 21°49'39

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ASTRODIENST EPHEMERIS for the year 1854
geocentric

OCTOBER 1854 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 37 36	7♎28'56	26♉59	21♎ 5	19♍ 7	23♏ 5	18♉ 9	15°R52	16°R 4	13°R56	3°R12	23°R14	24♉22	22♋59	15♉51	S 1
M 2	0 41 33	8°28'00	11♒20	22°39	20°22	23°47	18°12	15♊52	16♉ 2	13♓54	3♉11	23♉10	24°19	23° 6	15°51	M 2
T 3	0 45 29	9°27'06	25°43	24°12	21°36	24°29	18°16	15°52	16° 0	13°53	3°10	23° 5	24°16	23°13	15°52	T 3
W 4	0 49 26	10°26'14	10♓ 5	25°44	22°50	25°11	18°20	15°51	15°58	13°51	3° 8	22°58	24°13	23°19	15°53	W 4
T 5	0 53 22	11°25'23	24°19	27°16	24° 5	25°54	18°24	15°50	15°56	13°50	3° 7	22°52	24°10	23°26	15°54	T 5
F 6	0 57 19	12°24'34	8♈20	28°46	25°20	26°36	18°28	15°50	15°54	13°48	3° 6	22°45	24° 7	23°33	15°55	F 6
S 7	1 1 16	13°23'47	22° 3	0♏16	26°34	27°18	18°32	15°49	15°53	13°47	3° 5	22°40	24° 3	23°40	15°56	S 7
S 8	1 5 12	14°23'03	5♉27	1°45	27°49	28° 1	18°36	15°48	15°51	13°46	3° 4	22°37	24° 0	23°46	15°57	S 8
M 9	1 9 9	15°22'20	18°29	3°14	29° 3	28°44	18°41	15°46	15°49	13°44	3° 3	22°D36	23°57	23°53	15°59	M 9
T 10	1 13 5	16°21'40	1♊11	4°41	0♎18	29°26	18°46	15°45	15°46	13°43	3° 2	22°36	23°54	24° 0	16° 0	T 10
W11	1 17 2	17°21'02	13°34	6° 8	1°33	0♐ 9	18°50	15°44	15°44	13°42	3° 1	22°37	23°51	24° 6	16° 1	W11
T 12	1 20 58	18°20'27	25°42	7°34	2°48	0°52	18°56	15°43	15°42	13°40	3° 0	22°39	23°48	24°13	16° 3	T 12
F 13	1 24 55	19°19'53	7♋40	8°58	4° 2	1°35	19° 1	15°41	15°40	13°39	2°59	22°41	23°44	24°20	16° 4	F 13
S 14	1 28 51	20°19'22	19°33	10°23	5°17	2°18	19° 6	15°39	15°38	13°38	2°58	22°R41	23°41	24°27	16° 6	S 14
S 15	1 32 48	21°18'54	1♌24	11°46	6°32	3° 1	19°12	15°38	15°36	13°37	2°57	22°41	23°38	24°33	16° 8	S 15
M16	1 36 45	22°18'27	13°20	13° 8	7°47	3°44	19°18	15°36	15°34	13°35	2°56	22°39	23°35	24°40	16°10	M16
T 17	1 40 41	23°18'03	25°25	14°29	9° 2	4°27	19°24	15°34	15°31	13°34	2°54	22°36	23°32	24°47	16°11	T 17
W18	1 44 38	24°17'41	7♍42	15°49	10°17	5°11	19°30	15°32	15°29	13°33	2°53	22°31	23°28	24°53	16°13	W18
T 19	1 48 34	25°17'21	20°15	17° 9	11°32	5°54	19°36	15°29	15°27	13°32	2°52	22°27	23°25	25° 0	16°15	T 19
F 20	1 52 31	26°17'03	3♎ 5	18°26	12°47	6°38	19°42	15°27	15°25	13°31	2°51	22°22	23°22	25° 7	16°18	F 20
S 21	1 56 27	27°16'48	16°13	19°43	14° 2	7°21	19°49	15°25	15°22	13°30	2°50	22°19	23°19	25°13	16°20	S 21
S 22	2 0 24	28°16'34	29°37	20°58	15°17	8° 5	19°56	15°22	15°20	13°29	2°49	22°16	23°16	25°20	16°22	S 22
M23	2 4 20	29°16'23	13♏17	22°12	16°32	8°48	20° 3	15°20	15°18	13°28	2°48	22°14	23°13	25°27	16°24	M23
T 24	2 8 17	0♏16'13	27°10	23°24	17°47	9°32	20°10	15°17	15°15	13°27	2°47	22°D14	23° 9	25°34	16°27	T 24
W25	2 12 14	1°16'06	11♐12	24°35	19° 2	10°16	20°17	15°14	15°13	13°26	2°45	22°15	23° 6	25°40	16°29	W25
T 26	2 16 10	2°16'00	25°21	25°43	20°17	11° 0	20°24	15°12	15°10	13°25	2°44	22°16	23° 3	25°47	16°32	T 26
F 27	2 20 7	3°15'56	9♑33	26°49	21°32	11°44	20°32	15° 9	15° 8	13°24	2°43	22°18	23° 0	25°54	16°34	F 27
S 28	2 24 3	4°15'53	23°46	27°53	22°47	12°28	20°39	15° 6	15° 6	13°23	2°42	22°19	22°57	26° 0	16°37	S 28
S 29	2 28 0	5°15'52	7♒58	28°54	24° 3	13°12	20°47	15° 2	15° 3	13°22	2°41	22°R19	22°54	26° 7	16°40	S 29
M30	2 31 56	6°15'53	22° 7	29°52	25°18	13°56	20°55	14°59	15° 1	13°21	2°40	22°18	22°50	26°14	16°42	M30
T 31	2 35 53	7♏15'55	6♓ 9	0♐47	26♎33	14♐41	21♑ 3	14♊56	14♉58	13♓20	2♉39	22♉17	22♉47	26♋21	16♑45	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s58	25s18	4s37	8s27	0s13	5n37	1n25	19s18	0s46	22s42	0s29	20n57	1s46	16n17	0s23	7s17	1s 3	3s23	16s57	18n36	18n53	25n50	15s32	7n 2
M 2	3 22	22 14	5 2	9 8	0 21	5 8	1 26	19 29	0 46	22 42	0 29	20 57	1 46	16 17	0 23	7 18	1 3	3 23	16 57	18 35	18 52	25 49	15 33	7 1
T 3	3 45	17 47	5 8	9 49	0 28	4 39	1 26	19 40	0 47	22 41	0 29	20 57	1 46	16 16	0 23	7 19	1 3	3 24	16 57	18 34	18 51	25 48	15 33	7 1
W 4	4 8	12 21	4 55	10 30	0 35	4 10	1 27	19 51	0 47	22 41	0 29	20 57	1 46	16 15	0 23	7 19	1 3	3 24	16 57	18 32	18 50	25 48	15 33	7 0
T 5	4 31	6 18	4 24	11 10	0 42	3 41	1 28	20 1	0 48	22 40	0 29	20 57	1 46	16 15	0 23	7 20	1 3	3 25	16 58	18 30	18 50	25 47	15 34	7 0
F 6	4 54	0 1	3 37	11 49	0 49	3 12	1 28	20 12	0 48	22 40	0 29	20 56	1 47	16 14	0 23	7 20	1 3	3 25	16 58	18 29	18 49	25 46	15 34	6 59
S 7	5 18	6n 9	2 38	12 27	0 56	2 43	1 28	20 22	0 49	22 39	0 29	20 56	1 47	16 14	0 23	7 21	1 3	3 26	16 58	18 27	18 48	25 46	15 35	6 59
S 8	5 41	11 54	1 32	13 5	1 3	2 14	1 29	20 32	0 49	22 39	0 29	20 56	1 47	16 13	0 23	7 21	1 3	3 26	16 58	18 27	18 47	25 45	15 35	6 58
M 9	6 3	16 59	0 22	13 42	1 10	1 44	1 29	20 42	0 50	22 38	0 29	20 56	1 47	16 13	0 23	7 22	1 3	3 26	16 58	18 26	18 47	25 44	15 35	6 57
T 10	6 26	21 10	0n47	14 18	1 17	1 15	1 29	20 52	0 50	22 38	0 29	20 56	1 47	16 12	0 23	7 22	1 2	3 27	16 58	18 26	18 46	25 43	15 36	6 57
W11	6 49	24 18	1 52	14 54	1 24	0 45	1 30	21 2	0 51	22 37	0 29	20 55	1 47	16 11	0 23	7 23	1 2	3 27	16 58	18 27	18 45	25 42	15 36	6 56
T 12	7 12	26 14	2 51	15 28	1 31	0 16	1 30	21 11	0 51	22 36	0 29	20 55	1 47	16 11	0 23	7 23	1 2	3 28	16 58	18 27	18 44	25 42	15 37	6 56
F 13	7 34	26 55	3 41	16 2	1 37	0s14	1 30	21 20	0 52	22 35	0 29	20 55	1 47	16 10	0 23	7 24	1 2	3 28	16 58	18 27	18 43	25 41	15 37	6 55
S 14	7 57	26 21	4 22	16 35	1 44	0 44	1 30	21 30	0 52	22 35	0 29	20 54	1 47	16 10	0 23	7 24	1 2	3 29	16 58	18 28	18 43	25 40	15 37	6 55
S 15	8 19	24 36	4 52	17 7	1 50	1 14	1 29	21 39	0 53	22 34	0 29	20 54	1 47	16 9	0 23	7 25	1 2	3 29	16 58	18 27	18 42	25 39	15 38	6 54
M16	8 41	21 45	5 9	17 38	1 56	1 43	1 29	21 47	0 53	22 33	0 29	20 54	1 48	16 8	0 23	7 25	1 2	3 29	16 58	18 27	18 41	25 39	15 38	6 54
T 17	9 4	17 57	5 12	18 8	2 2	2 13	1 29	21 56	0 54	22 32	0 29	20 54	1 48	16 8	0 23	7 26	1 2	3 30	16 59	18 26	18 40	25 38	15 38	6 53
W18	9 26	13 21	5 2	18 38	2 8	2 43	1 29	22 4	0 54	22 31	0 29	20 53	1 48	16 7	0 23	7 26	1 2	3 30	16 59	18 25	18 39	25 37	15 38	6 53
T 19	9 47	8 6	4 37	19 6	2 13	3 13	1 28	22 12	0 55	22 31	0 29	20 53	1 48	16 6	0 23	7 26	1 2	3 31	16 59	18 24	18 39	25 36	15 39	6 52
F 20	10 9	2 25	3 58	19 33	2 19	3 42	1 28	22 20	0 55	22 30	0 29	20 53	1 48	16 6	0 23	7 27	1 2	3 31	16 59	18 23	18 38	25 35	15 39	6 52
S 21	10 31	3s32	3 5	19 59	2 24	4 12	1 27	22 28	0 55	22 29	0 29	20 52	1 48	16 5	0 23	7 27	1 2	3 31	16 59	18 22	18 37	25 34	15 39	6 51
S 22	10 52	9 27	2 1	20 24	2 28	4 41	1 27	22 36	0 56	22 28	0 29	20 52	1 48	16 4	0 23	7 28	1 2	3 32	16 59	18 21	18 36	25 34	15 40	6 51
M23	11 13	15 4	0 49	20 48	2 33	5 11	1 26	22 43	0 56	22 27	0 29	20 52	1 48	16 4	0 23	7 28	1 2	3 32	16 59	18 21	18 35	25 33	15 40	6 50
T 24	11 35	19 59	0s27	21 10	2 37	5 40	1 25	22 50	0 57	22 26	0 29	20 51	1 48	16 3	0 23	7 28	1 2	3 32	16 59	18 21	18 35	25 32	15 40	6 50
W25	11 56	23 50	1 43	21 31	2 41	6 9	1 25	22 57	0 57	22 25	0 29	20 51	1 48	16 2	0 23	7 29	1 2	3 33	16 59	18 21	18 34	25 31	15 40	6 49
T 26	12 16	26 15	2 53	21 51	2 44	6 38	1 24	23 4	0 57	22 24	0 29	20 51	1 48	16 2	0 23	7 29	1 2	3 33	16 59	18 21	18 33	25 30	15 40	6 49
F 27	12 37	26 58	3 52	22 10	2 47	7 7	1 23	23 10	0 58	22 22	0 29	20 50	1 48	16 1	0 23	7 29	1 2	3 33	16 59	18 22	18 32	25 29	15 41	6 48
S 28	12 57	25 55	4 38	22 27	2 49	7 36	1 22	23 16	0 58	22 21	0 29	20 50	1 48	16 0	0 23	7 30	1 2	3 34	16 59	18 22	18 31	25 28	15 41	6 48
S 29	13 17	23 13	5 6	22 43	2 51	8 5	1 21	23 22	0 59	22 20	0 29	20 49	1 48	15 59	0 23	7 30	1 2	3 34	16 59	18 22	18 31	25 27	15 41	6 47
M30	13 37	19 7	5 16	22 57	2 52	8 33	1 20	23 28	0 59	22 19	0 29	20 49	1 49	15 59	0 23	7 30	1 2	3 34	16 59	18 22	18 30	25 26	15 41	6 47
T 31	13s57	14s 0	5s 7	23s 9	2s53	9s 2	1n19	23s34	0s59	22s18	0s30	20n49	1s49	15n58	0s23	7s31	1s 2	3s35	16s59	18n21	18n29	25n26	15s41	6n46

Julian Day Number = 2398492.5, Delta T = 10.35 sec
Ecliptic obliquity = 23°27'35, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°42'43, Lahiri = 21°49'44

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ASTRODIENST EPHEMERIS for the year 1854
geocentric

NOVEMBER 1854 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 39 49	8♏15'59	20♓ 4	1♐38	27♎48	15♐25	21♑11	14°R52	14°R56	13°R20	2°R38	22°R15	22♉44	26♋27	16♑48	W 1
T 2	2 43 46	9°16'04	3♈49	2°25	29° 3	16° 9	21°20	14♊49	14♉53	13♓19	2♉36	22♉13	22°41	26°34	16°51	T 2
F 3	2 47 43	10°16'11	17°22	3° 8	0♏19	16°54	21°28	14°45	14°51	13°18	2°35	22°12	22°38	26°41	16°54	F 3
S 4	2 51 39	11°16'19	0♉41	3°45	1°34	17°38	21°37	14°42	14°48	13°17	2°34	22°11	22°34	26°47	16°57	S 4
S 5	2 55 36	12°16'30	13°45	4°17	2°49	18°23	21°46	14°38	14°46	13°17	2°33	22°10	22°31	26°54	17° 1	S 5
M 6	2 59 32	13°16'42	26°34	4°42	4° 4	19° 7	21°55	14°34	14°43	13°16	2°32	22°D10	22°28	27° 1	17° 4	M 6
T 7	3 3 29	14°16'56	9♊ 7	5° 1	5°20	19°52	22° 4	14°30	14°41	13°15	2°31	22°10	22°25	27° 7	17° 7	T 7
W 8	3 7 25	15°17'12	21°25	5°11	6°35	20°37	22°13	14°27	14°38	13°15	2°30	22°11	22°22	27°14	17°10	W 8
T 9	3 11 22	16°17'30	3♋32	5°R14	7°50	21°22	22°22	14°23	14°36	13°14	2°29	22°12	22°19	27°21	17°14	T 9
F 10	3 15 18	17°17'50	15°30	5° 7	9° 6	22° 7	22°32	14°18	14°33	13°14	2°28	22°12	22°15	27°28	17°17	F 10
S 11	3 19 15	18°18'12	27°23	4°51	10°21	22°52	22°41	14°14	14°31	13°13	2°27	22°13	22°12	27°34	17°21	S 11
S 12	3 23 12	19°18'36	9♌15	4°24	11°36	23°37	22°51	14°10	14°28	13°13	2°25	22°13	22° 9	27°41	17°25	S 12
M13	3 27 8	20°19'01	21°10	3°48	12°52	24°22	23° 1	14° 6	14°26	13°12	2°24	22°R13	22° 6	27°48	17°28	M13
T 14	3 31 5	21°19'28	3♍13	3° 1	14° 7	25° 7	23°10	14° 2	14°23	13°12	2°23	22°13	22° 3	27°54	17°32	T 14
W15	3 35 1	22°19'58	15°29	2° 5	15°22	25°52	23°20	13°57	14°21	13°12	2°22	22°D13	21°59	28° 1	17°36	W15
T 16	3 38 58	23°20'29	28° 3	1° 0	16°38	26°37	23°31	13°53	14°19	13°11	2°21	22°13	21°56	28° 8	17°40	T 16
F 17	3 42 54	24°21'01	10♎56	29♏47	17°53	27°23	23°41	13°48	14°16	13°11	2°20	22°13	21°53	28°15	17°43	F 17
S 18	3 46 51	25°21'36	24°12	28°29	19° 9	28° 8	23°51	13°44	14°14	13°11	2°19	22°13	21°50	28°21	17°47	S 18
S 19	3 50 47	26°22'12	7♏51	27° 8	20°24	28°53	24° 2	13°39	14°11	13°11	2°18	22°14	21°47	28°28	17°51	S 19
M20	3 54 44	27°22'50	21°51	25°47	21°40	29°39	24°12	13°35	14° 9	13°10	2°17	22°R14	21°44	28°35	17°55	M20
T 21	3 58 41	28°23'30	6♐ 9	24°28	22°55	0♑24	24°23	13°30	14° 6	13°10	2°16	22°14	21°40	28°41	18° 0	T 21
W22	4 2 37	29°24'11	20°41	23°13	24°11	1°10	24°34	13°25	14° 4	13°10	2°15	22°13	21°37	28°48	18° 4	W22
T 23	4 6 34	0♐24'53	5♑19	22° 6	25°26	1°56	24°45	13°20	14° 2	13°10	2°14	22°12	21°34	28°55	18° 8	T 23
F 24	4 10 30	1°25'36	19°57	21° 8	26°41	2°41	24°55	13°16	13°59	13°10	2°13	22°11	21°31	29° 2	18°12	F 24
S 25	4 14 27	2°26'21	4♒30	20°21	27°57	3°27	25° 7	13°11	13°57	13°D10	2°12	22°10	21°28	29° 8	18°17	S 25
S 26	4 18 23	3°27'06	18°52	19°45	29°12	4°13	25°18	13° 6	13°55	13°10	2°11	22° 9	21°25	29°15	18°21	S 26
M27	4 22 20	4°27'52	3♓ 1	19°20	0♐28	4°59	25°29	13° 1	13°52	13°10	2°10	22°D 9	21°21	29°22	18°25	M27
T 28	4 26 16	5°28'40	16°54	19° 7	1°43	5°45	25°40	12°56	13°50	13°10	2° 9	22° 9	21°18	29°28	18°30	T 28
W29	4 30 13	6°29'28	0♈32	19°D 5	2°59	6°31	25°52	12°51	13°48	13°10	2° 8	22°10	21°15	29°35	18°34	W29
T 30	4 34 10	7♐30'17	13♈54	19♏13	4♐14	7♑17	26♑ 3	12♊47	13♉46	13♓11	2♉ 8	22♉11	21♉12	29♋42	18♑39	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s16	8s13	4s39	23s20	2s53	9s30	1n17	23s39	1s 0	22s17	0s30	20n48	1s49	15n57	0s23	7s31	1s 2	3s35	16s58	18n21	18n28	25n25	15s41	6n46
T 2	14 36	2 6	3 57	23 28	2 52	9 58	1 16	23 44	1 0	22 15	0 30	20 48	1 49	15 57	0 23	7 31	1 2	3 35	16 58	18 20	18 27	25 24	15 41	6 45
F 3	14 55	4n 2	3 1	23 35	2 50	10 25	1 15	23 49	1 0	22 14	0 30	20 47	1 49	15 56	0 23	7 31	1 2	3 36	16 58	18 20	18 27	25 23	15 41	6 45
S 4	15 13	9 54	1 56	23 40	2 48	10 53	1 14	23 54	1 1	22 13	0 30	20 47	1 49	15 55	0 23	7 32	1 2	3 36	16 58	18 20	18 26	25 22	15 41	6 45
S 5	15 32	15 15	0 46	23 42	2 44	11 20	1 12	23 58	1 1	22 11	0 30	20 46	1 49	15 54	0 23	7 32	1 2	3 36	16 58	18 20	18 25	25 21	15 42	6 44
M 6	15 50	19 48	0n24	23 43	2 40	11 47	1 11	24 2	1 1	22 10	0 30	20 46	1 49	15 54	0 23	7 32	1 2	3 37	16 58	18 20	18 24	25 20	15 42	6 44
T 7	16 8	23 22	1 33	23 40	2 34	12 13	1 9	24 6	1 2	22 8	0 30	20 45	1 49	15 53	0 23	7 32	1 2	3 37	16 58	18 20	18 23	25 19	15 42	6 43
W 8	16 26	25 46	2 35	23 35	2 26	12 40	1 8	24 10	1 2	22 7	0 30	20 45	1 49	15 52	0 23	7 33	1 2	3 37	16 58	18 20	18 23	25 18	15 42	6 43
T 9	16 43	26 54	3 30	23 27	2 18	13 6	1 6	24 13	1 2	22 5	0 30	20 44	1 49	15 52	0 23	7 33	1 2	3 37	16 58	18 20	18 22	25 17	15 42	6 42
F 10	17 1	26 46	4 15	23 16	2 7	13 31	1 4	24 16	1 3	22 4	0 30	20 44	1 49	15 51	0 23	7 33	1 2	3 38	16 58	18 20	18 21	25 16	15 42	6 42
S 11	17 18	25 24	4 48	23 1	1 56	13 57	1 3	24 19	1 3	22 2	0 30	20 43	1 49	15 50	0 23	7 33	1 2	3 38	16 58	18 20	18 20	25 15	15 42	6 42
S 12	17 34	22 55	5 9	22 43	1 42	14 22	1 1	24 21	1 3	22 1	0 30	20 43	1 49	15 49	0 23	7 33	1 2	3 38	16 58	18 20	18 19	25 14	15 42	6 41
M13	17 50	19 27	5 17	22 22	1 27	14 46	0 59	24 24	1 3	21 59	0 30	20 42	1 49	15 49	0 23	7 33	1 2	3 38	16 57	18 20	18 18	25 13	15 42	6 41
T 14	18 6	15 10	5 11	21 56	1 11	15 11	0 57	24 26	1 4	21 57	0 30	20 42	1 49	15 48	0 23	7 34	1 2	3 39	16 57	18 20	18 18	25 12	15 41	6 40
W15	18 22	10 12	4 51	21 28	0 53	15 35	0 55	24 28	1 4	21 56	0 30	20 41	1 49	15 47	0 23	7 34	1 2	3 39	16 57	18 20	18 17	25 11	15 41	6 40
T 16	18 37	4 43	4 17	20 56	0 34	15 58	0 53	24 29	1 4	21 54	0 30	20 41	1 49	15 47	0 23	7 34	1 2	3 39	16 57	18 20	18 16	25 10	15 41	6 40
F 17	18 52	1s 7	3 30	20 21	0 14	16 21	0 51	24 31	1 5	21 52	0 30	20 40	1 49	15 46	0 23	7 34	1 2	3 39	16 57	18 20	18 15	25 9	15 41	6 39
S 18	19 7	7 5	2 29	19 44	0n 7	16 44	0 49	24 32	1 5	21 51	0 30	20 40	1 49	15 45	0 23	7 34	1 2	3 39	16 57	18 20	18 14	25 8	15 41	6 39
S 19	19 21	12 54	1 19	19 6	0 27	17 6	0 47	24 32	1 5	21 49	0 30	20 39	1 49	15 44	0 23	7 34	1 2	3 40	16 57	18 21	18 14	25 7	15 41	6 38
M20	19 35	18 13	0 2	18 27	0 47	17 28	0 45	24 33	1 5	21 47	0 30	20 39	1 49	15 44	0 23	7 34	1 2	3 40	16 56	18 21	18 13	25 6	15 41	6 38
T 21	19 49	22 37	1s16	17 49	1 7	17 49	0 43	24 33	1 5	21 45	0 30	20 38	1 49	15 43	0 23	7 34	1 2	3 40	16 56	18 21	18 12	25 5	15 41	6 38
W22	20 2	25 39	2 31	17 14	1 24	18 10	0 41	24 33	1 6	21 43	0 30	20 38	1 49	15 42	0 23	7 34	1 2	3 40	16 56	18 20	18 11	25 3	15 40	6 37
T 23	20 15	26 58	3 37	16 41	1 41	18 30	0 39	24 33	1 6	21 41	0 30	20 37	1 49	15 42	0 23	7 34	1 2	3 40	16 56	18 20	18 10	25 2	15 40	6 37
F 24	20 28	26 23	4 28	16 13	1 55	18 50	0 37	24 32	1 6	21 39	0 30	20 37	1 49	15 41	0 23	7 34	1 2	3 40	16 56	18 20	18 9	25 1	15 40	6 37
S 25	20 40	24 2	5 2	15 49	2 7	19 9	0 35	24 31	1 6	21 37	0 30	20 36	1 49	15 40	0 23	7 34	1 2	3 40	16 56	18 20	18 9	25 0	15 40	6 36
S 26	20 52	20 11	5 16	15 29	2 17	19 28	0 32	24 30	1 6	21 35	0 30	20 36	1 49	15 40	0 23	7 34	1 2	3 41	16 55	18 19	18 8	24 59	15 40	6 36
M27	21 3	15 14	5 11	15 15	2 25	19 46	0 30	24 29	1 7	21 33	0 30	20 35	1 49	15 39	0 23	7 34	1 2	3 41	16 55	18 19	18 7	24 58	15 39	6 36
T 28	21 14	9 35	4 48	15 6	2 31	20 4	0 28	24 27	1 7	21 31	0 30	20 34	1 49	15 38	0 23	7 34	1 1	3 41	16 55	18 19	18 6	24 57	15 39	6 35
W29	21 25	3 35	4 8	15 2	2 35	20 21	0 26	24 25	1 7	21 29	0 30	20 34	1 49	15 38	0 23	7 34	1 1	3 41	16 55	18 20	18 5	24 56	15 39	6 35
T 30	21s35	2n28	3s16	15s 2	2n37	20s38	0n23	24s23	1s 7	21s27	0s30	20n33	1s49	15n37	0s23	7s34	1s 1	3s41	16s54	18n20	18n 4	24n55	15s39	6n35

Julian Day Number = 2398523.5, Delta T = 10.34 sec
Ecliptic obliquity = 23°27'35, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°42'47, Lahiri = 21°49'48

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ASTRODIENST EPHEMERIS for the year 1854
geocentric

DECEMBER 1854 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 38 6	8♐31'07	27♈ 2	19♏31	5♐30	8♑ 3	26♑15	12°R42	13°R43	13♓11	2°R 7	22♉13	21♉ 9	29♋49	18♑43	F 1
S 2	4 42 3	9°31'58	9♉56	19°58	6°45	8°49	26°27	12♊37	13♉41	13°11	2♉ 6	22°14	21° 5	29°55	18°48	S 2
S 3	4 45 59	10°32'50	22°38	20°33	8° 1	9°35	26°39	12°32	13°39	13°11	2° 5	22°R14	21° 2	0♌ 2	18°53	S 3
M 4	4 49 56	11°33'43	5♊ 8	21°15	9°16	10°21	26°51	12°27	13°37	13°12	2° 4	22°14	20°59	0° 9	18°57	M 4
T 5	4 53 52	12°34'37	17°28	22° 3	10°32	11° 7	27° 3	12°22	13°35	13°12	2° 3	22°12	20°56	0°15	19° 2	T 5
W 6	4 57 49	13°35'32	29°39	22°57	11°47	11°54	27°15	12°17	13°33	13°12	2° 2	22° 9	20°53	0°22	19° 7	W 6
T 7	5 1 45	14°36'28	11♋41	23°55	13° 3	12°40	27°27	12°12	13°31	13°13	2° 2	22° 6	20°50	0°29	19°12	T 7
F 8	5 5 42	15°37'25	23°37	24°58	14°18	13°26	27°39	12° 7	13°29	13°13	2° 1	22° 1	20°46	0°36	19°16	F 8
S 9	5 9 39	16°38'23	5♌29	26° 4	15°34	14°13	27°51	12° 2	13°27	13°14	2° 0	21°57	20°43	0°42	19°21	S 9
S 10	5 13 35	17°39'23	17°20	27°14	16°49	14°59	28° 4	11°57	13°25	13°14	1°59	21°53	20°40	0°49	19°26	S 10
M11	5 17 32	18°40'23	29°14	28°27	18° 5	15°46	28°16	11°52	13°23	13°15	1°59	21°51	20°37	0°56	19°31	M11
T 12	5 21 28	19°41'24	11♍14	29°42	19°20	16°32	28°29	11°47	13°21	13°15	1°58	21°49	20°34	1° 2	19°36	T 12
W13	5 25 25	20°42'26	23°26	0♐59	20°36	17°19	28°41	11°43	13°19	13°16	1°57	21°D49	20°31	1° 9	19°41	W13
T 14	5 29 21	21°43'30	5♎54	2°17	21°51	18° 5	28°54	11°38	13°17	13°16	1°56	21°49	20°27	1°16	19°46	T 14
F 15	5 33 18	22°44'34	18°43	3°38	23° 7	18°52	29° 7	11°33	13°16	13°17	1°56	21°51	20°24	1°23	19°51	F 15
S 16	5 37 14	23°45'39	1♏56	5° 0	24°22	19°39	29°19	11°28	13°14	13°18	1°55	21°53	20°21	1°29	19°56	S 16
S 17	5 41 11	24°46'45	15°36	6°23	25°38	20°25	29°32	11°23	13°12	13°19	1°55	21°R54	20°18	1°36	20° 1	S 17
M18	5 45 8	25°47'52	29°43	7°47	26°53	21°12	29°45	11°19	13°11	13°19	1°54	21°54	20°15	1°43	20° 7	M18
T 19	5 49 4	26°49'00	14♐15	9°12	28° 9	21°59	29°58	11°14	13° 9	13°20	1°53	21°52	20°11	1°49	20°12	T 19
W20	5 53 1	27°50'08	29° 7	10°38	29°24	22°46	0♒11	11° 9	13° 7	13°21	1°53	21°48	20° 8	1°56	20°17	W20
T 21	5 56 57	28°51'17	14♑11	12° 4	0♑40	23°33	0°24	11° 5	13° 6	13°22	1°52	21°43	20° 5	2° 3	20°22	T 21
F 22	6 0 54	29°52'26	29°17	13°32	1°55	24°20	0°38	11° 0	13° 4	13°23	1°52	21°37	20° 2	2°10	20°27	F 22
S 23	6 4 50	0♑53'36	14♒16	14°59	3°11	25° 7	0°51	10°56	13° 3	13°24	1°51	21°31	19°59	2°16	20°33	S 23
S 24	6 8 47	1°54'45	28°58	16°28	4°26	25°54	1° 4	10°51	13° 2	13°25	1°51	21°26	19°56	2°23	20°38	S 24
M25	6 12 44	2°55'54	13♓20	17°57	5°42	26°40	1°18	10°47	13° 0	13°26	1°50	21°23	19°52	2°30	20°43	M25
T 26	6 16 40	3°57'04	27°18	19°26	6°57	27°28	1°31	10°42	12°59	13°27	1°50	21°21	19°49	2°36	20°48	T 26
W27	6 20 37	4°58'13	10♈52	20°56	8°13	28°15	1°44	10°38	12°58	13°28	1°49	21°D21	19°46	2°43	20°54	W27
T 28	6 24 33	5°59'22	24° 4	22°26	9°28	29° 2	1°58	10°34	12°56	13°29	1°49	21°22	19°43	2°50	20°59	T 28
F 29	6 28 30	7° 0'31	6♉56	23°56	10°44	29°49	2°11	10°30	12°55	13°30	1°48	21°23	19°40	2°57	21° 5	F 29
S 30	6 32 26	8° 1'40	19°33	25°27	11°59	0♒36	2°25	10°26	12°54	13°31	1°48	21°R24	19°37	3° 3	21°10	S 30
S 31	6 36 23	9♑ 2'49	1♊57	26♐59	13♑15	1♒23	2♒39	10♊22	12♉53	13♓32	1♉48	21♉24	19♉33	3♌10	21♑15	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s45	8n20	2s15	15s 6	2n38	20s54	0n21	24s20	1s 7	21s25	0s30	20n33	1s48	15n36	0s23	7s34	1s 1	3s41	16s54	18n20	18n 4	24n53	15s38	6n34
S 2	21 54	13 44	1 7	15 14	2 37	21 9	0 19	24 17	1 7	21 23	0 30	20 32	1 48	15 36	0 23	7 34	1 1	3 41	16 54	18 20	18 3	24 52	15 38	6 34
S 3	22 3	18 29	0n 2	15 24	2 35	21 24	0 16	24 14	1 8	21 20	0 30	20 32	1 48	15 35	0 23	7 33	1 1	3 41	16 54	18 21	18 2	24 51	15 38	6 34
M 4	22 11	22 20	1 11	15 38	2 32	21 38	0 14	24 11	1 8	21 18	0 30	20 31	1 48	15 34	0 23	7 33	1 1	3 41	16 54	18 20	18 1	24 50	15 37	6 34
T 5	22 19	25 6	2 15	15 54	2 29	21 51	0 11	24 7	1 8	21 16	0 30	20 31	1 48	15 34	0 23	7 33	1 1	3 41	16 53	18 20	18 0	24 49	15 37	6 33
W 6	22 27	26 39	3 12	16 12	2 24	22 4	0 9	24 3	1 8	21 14	0 30	20 30	1 48	15 33	0 23	7 33	1 1	3 41	16 53	18 19	17 59	24 48	15 37	6 33
T 7	22 34	26 55	3 59	16 31	2 19	22 16	0 7	23 59	1 8	21 11	0 31	20 29	1 48	15 33	0 23	7 33	1 1	3 41	16 53	18 18	17 59	24 46	15 36	6 33
F 8	22 41	25 55	4 36	16 52	2 13	22 28	0 4	23 55	1 8	21 9	0 31	20 29	1 48	15 32	0 23	7 33	1 1	3 41	16 53	18 17	17 58	24 45	15 36	6 32
S 9	22 47	23 46	5 1	17 14	2 7	22 39	0 2	23 50	1 8	21 6	0 31	20 28	1 48	15 31	0 23	7 32	1 1	3 41	16 52	18 16	17 57	24 44	15 35	6 32
S 10	22 53	20 36	5 12	17 36	2 1	22 49	0s 0	23 45	1 8	21 4	0 31	20 28	1 48	15 31	0 23	7 32	1 1	3 41	16 52	18 15	17 56	24 43	15 35	6 32
M11	22 59	16 36	5 11	17 59	1 54	22 58	0 3	23 40	1 8	21 2	0 31	20 27	1 48	15 30	0 23	7 32	1 1	3 41	16 52	18 15	17 55	24 42	15 34	6 32
T 12	23 4	11 55	4 56	18 22	1 47	23 7	0 5	23 34	1 9	20 59	0 31	20 27	1 47	15 30	0 23	7 32	1 1	3 41	16 51	18 14	17 54	24 40	15 34	6 32
W13	23 8	6 42	4 27	18 45	1 40	23 15	0 8	23 28	1 9	20 57	0 31	20 26	1 47	15 29	0 23	7 31	1 1	3 41	16 51	18 14	17 54	24 39	15 34	6 31
T 14	23 12	1 6	3 45	19 8	1 32	23 23	0 10	23 22	1 9	20 54	0 31	20 26	1 47	15 29	0 23	7 31	1 1	3 41	16 51	18 14	17 53	24 38	15 33	6 31
F 15	23 16	4s42	2 52	19 31	1 25	23 29	0 12	23 16	1 9	20 51	0 31	20 25	1 47	15 28	0 23	7 31	1 1	3 41	16 51	18 15	17 52	24 37	15 33	6 31
S 16	23 19	10 29	1 47	19 53	1 17	23 35	0 15	23 9	1 9	20 49	0 31	20 25	1 47	15 28	0 23	7 31	1 1	3 41	16 50	18 15	17 51	24 35	15 32	6 31
S 17	23 21	15 59	0 34	20 15	1 9	23 40	0 17	23 2	1 9	20 46	0 31	20 24	1 47	15 27	0 23	7 30	1 1	3 41	16 50	18 15	17 50	24 34	15 31	6 31
M18	23 24	20 48	0s43	20 37	1 1	23 45	0 19	22 55	1 9	20 43	0 31	20 24	1 47	15 27	0 23	7 30	1 1	3 41	16 50	18 15	17 49	24 33	15 31	6 30
T 19	23 25	24 30	1 59	20 58	0 54	23 49	0 22	22 48	1 9	20 41	0 31	20 23	1 47	15 26	0 23	7 30	1 1	3 41	16 49	18 15	17 48	24 32	15 30	6 30
W20	23 27	26 36	3 9	21 18	0 46	23 52	0 24	22 40	1 9	20 38	0 31	20 23	1 46	15 26	0 23	7 29	1 1	3 41	16 49	18 14	17 48	24 30	15 30	6 30
T 21	23 27	26 47	4 6	21 38	0 38	23 54	0 26	22 32	1 9	20 35	0 31	20 22	1 46	15 25	0 23	7 29	1 1	3 41	16 49	18 13	17 47	24 29	15 29	6 30
F 22	23 28	24 59	4 47	21 56	0 30	23 55	0 29	22 24	1 9	20 32	0 31	20 22	1 46	15 25	0 23	7 28	1 1	3 41	16 49	18 11	17 46	24 28	15 29	6 30
S 23	23 27	21 28	5 7	22 14	0 23	23 56	0 31	22 16	1 9	20 30	0 31	20 21	1 46	15 25	0 23	7 28	1 1	3 40	16 48	18 10	17 45	24 27	15 28	6 30
S 24	23 27	16 38	5 7	22 31	0 15	23 56	0 33	22 7	1 9	20 27	0 31	20 21	1 46	15 24	0 23	7 28	1 1	3 40	16 48	18 8	17 44	24 25	15 27	6 29
M25	23 26	10 59	4 48	22 47	0 8	23 56	0 35	21 58	1 9	20 24	0 31	20 20	1 46	15 24	0 23	7 27	1 1	3 40	16 48	18 7	17 43	24 24	15 27	6 29
T 26	23 24	4 55	4 11	23 2	0 0	23 54	0 38	21 49	1 9	20 21	0 31	20 20	1 45	15 23	0 23	7 27	1 1	3 40	16 47	18 7	17 42	24 23	15 26	6 29
W27	23 22	1n13	3 22	23 16	0s 7	23 52	0 40	21 39	1 9	20 18	0 31	20 19	1 45	15 23	0 23	7 26	1 1	3 40	16 47	18 7	17 42	24 21	15 25	6 29
T 28	23 19	7 8	2 22	23 28	0 14	23 49	0 42	21 30	1 9	20 15	0 31	20 19	1 45	15 23	0 23	7 26	1 1	3 40	16 47	18 7	17 41	24 20	15 25	6 29
F 29	23 16	12 37	1 17	23 40	0 21	23 45	0 44	21 20	1 9	20 12	0 32	20 19	1 45	15 22	0 22	7 26	1 1	3 39	16 46	18 7	17 40	24 19	15 24	6 29
S 30	23 13	17 28	0 10	23 51	0 28	23 41	0 46	21 9	1 9	20 9	0 32	20 18	1 45	15 22	0 22	7 25	1 1	3 39	16 46	18 8	17 39	24 17	15 23	6 29
S 31	23s 9	21n30	0n57	24s 0	0s34	23s36	0s48	20s59	1s 9	20s 6	0s32	20n18	1s45	15n22	0s22	7s25	1s 1	3s39	16s46	18n 8	17n38	24n16	15s23	6n29

Julian Day Number = 2398553.5, Delta T = 10.34 sec
Ecliptic obliquity = 23°27'35, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°42'51, Lahiri = 21°49'52

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ASTRODIENST EPHEMERIS for the year 1855
geocentric

JANUARY 1855 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 40 19	10♑ 3'58	14♊11	28♐30	14♑30	2♒10	2♒52	10°R18	12°R52	13♓34	1°R47	21°R21	19♉30	3♌17	21♑21	M 1
T 2	6 44 16	11° 5'07	26°18	0♑ 2	15°46	2°57	3° 6	10♊14	12♉51	13°35	1♉47	21♉16	19°27	3°24	21°26	T 2
W 3	6 48 13	12° 6'16	8♋19	1°35	17° 1	3°44	3°20	10°10	12°50	13°36	1°47	21° 8	19°24	3°30	21°32	W 3
T 4	6 52 9	13° 7'24	20°15	3° 8	18°17	4°32	3°33	10° 6	12°49	13°38	1°47	20°59	19°21	3°37	21°37	T 4
F 5	6 56 6	14° 8'33	2♌ 9	4°41	19°32	5°19	3°47	10° 3	12°48	13°39	1°46	20°48	19°18	3°44	21°42	F 5
S 6	7 0 2	15° 9'41	14° 1	6°14	20°47	6° 6	4° 1	9°59	12°47	13°40	1°46	20°37	19°14	3°50	21°48	S 6
S 7	7 3 59	16°10'50	25°53	7°48	22° 3	6°53	4°15	9°55	12°47	13°42	1°46	20°26	19°11	3°57	21°53	S 7
M 8	7 7 55	17°11'58	7♍48	9°23	23°18	7°41	4°29	9°52	12°46	13°43	1°46	20°17	19° 8	4° 4	21°59	M 8
T 9	7 11 52	18°13'06	19°48	10°57	24°34	8°28	4°43	9°49	12°45	13°45	1°46	20°11	19° 5	4°11	22° 4	T 9
W10	7 15 48	19°14'14	1♎58	12°33	25°49	9°15	4°57	9°45	12°45	13°46	1°45	20° 7	19° 2	4°17	22°10	W10
T 11	7 19 45	20°15'22	14°21	14° 8	27° 5	10° 3	5°11	9°42	12°44	13°48	1°45	20° 5	18°58	4°24	22°15	T 11
F 12	7 23 42	21°16'30	27° 3	15°44	28°20	10°50	5°25	9°39	12°44	13°49	1°45	20°D 5	18°55	4°31	22°21	F 12
S 13	7 27 38	22°17'38	10♏ 7	17°21	29°35	11°37	5°39	9°36	12°43	13°51	1°45	20° 6	18°52	4°37	22°26	S 13
S 14	7 31 35	23°18'46	23°38	18°58	0♒51	12°25	5°53	9°33	12°43	13°52	1°45	20°R 6	18°49	4°44	22°32	S 14
M15	7 35 31	24°19'54	7♐38	20°36	2° 6	13°12	6° 7	9°31	12°43	13°54	1°45	20° 4	18°46	4°51	22°37	M15
T 16	7 39 28	25°21'01	22° 7	22°14	3°21	14° 0	6°21	9°28	12°42	13°55	1°D45	20° 1	18°43	4°58	22°42	T 16
W17	7 43 24	26°22'08	7♑ 1	23°53	4°37	14°47	6°35	9°25	12°42	13°57	1°45	19°54	18°39	5° 4	22°48	W17
T 18	7 47 21	27°23'15	22°14	25°32	5°52	15°34	6°49	9°23	12°42	13°59	1°45	19°45	18°36	5°11	22°53	T 18
F 19	7 51 18	28°24'21	7♒35	27°12	7° 8	16°22	7° 4	9°20	12°42	14° 0	1°45	19°35	18°33	5°18	22°59	F 19
S 20	7 55 14	29°25'26	22°53	28°52	8°23	17° 9	7°18	9°18	12°42	14° 2	1°45	19°24	18°30	5°24	23° 4	S 20
S 21	7 59 11	0♒26'30	7♓55	0♒33	9°38	17°57	7°32	9°16	12°D42	14° 4	1°45	19°15	18°27	5°31	23°10	S 21
M22	8 3 7	1°27'34	22°34	2°15	10°54	18°44	7°46	9°14	12°42	14° 6	1°45	19° 7	18°24	5°38	23°15	M22
T 23	8 7 4	2°28'36	6♈45	3°57	12° 9	19°32	8° 1	9°12	12°42	14° 8	1°46	19° 2	18°20	5°45	23°21	T 23
W24	8 11 0	3°29'37	20°27	5°39	13°24	20°19	8°15	9°10	12°42	14° 9	1°46	18°59	18°17	5°51	23°26	W24
T 25	8 14 57	4°30'37	3♉41	7°23	14°39	21° 7	8°29	9° 8	12°42	14°11	1°46	18°D59	18°14	5°58	23°31	T 25
F 26	8 18 53	5°31'36	16°31	9° 7	15°55	21°54	8°43	9° 7	12°42	14°13	1°46	18°R59	18°11	6° 5	23°37	F 26
S 27	8 22 50	6°32'34	29° 1	10°51	17°10	22°41	8°58	9° 5	12°43	14°15	1°46	18°59	18° 8	6°12	23°42	S 27
S 28	8 26 47	7°33'31	11♊17	12°36	18°25	23°29	9°12	9° 4	12°43	14°17	1°47	18°57	18° 4	6°18	23°47	S 28
M29	8 30 43	8°34'26	23°21	14°21	19°40	24°16	9°26	9° 2	12°43	14°19	1°47	18°52	18° 1	6°25	23°53	M29
T 30	8 34 40	9°35'21	5♋19	16° 7	20°56	25° 4	9°40	9° 1	12°44	14°21	1°47	18°45	17°58	6°32	23°58	T 30
W31	8 38 36	10♒36'14	17♋13	17♒53	22♒11	25♒51	9♒55	9♊ 0	12♉44	14♓23	1♉48	18♉34	17♉55	6♌38	24♑ 3	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 5	24n30	2n 0	24s 8	0s41	23s30	0s50	20s48	1s 8	20s 3	0s32	20n17	1s44	15n21	0s22	7s24	1s 1	3s39	16s45	18n 7	17n37	24n15	15s22	6n29
T 2	23 0	26 21	2 56	24 15	0 47	23 23	0 52	20 37	1 8	20 0	0 32	20 17	1 44	15 21	0 22	7 24	1 1	3 39	16 45	18 5	17 36	24 13	15 21	6 28
W 3	22 54	26 56	3 45	24 20	0 53	23 16	0 54	20 26	1 8	19 57	0 32	20 17	1 44	15 21	0 22	7 23	1 1	3 38	16 45	18 3	17 36	24 12	15 20	6 28
T 4	22 49	26 15	4 23	24 25	0 59	23 8	0 56	20 15	1 8	19 53	0 32	20 16	1 44	15 21	0 22	7 23	1 1	3 38	16 44	18 1	17 35	24 10	15 20	6 28
F 5	22 42	24 23	4 49	24 28	1 5	22 59	0 58	20 3	1 8	19 50	0 32	20 16	1 44	15 20	0 22	7 22	1 1	3 38	16 44	17 58	17 34	24 9	15 19	6 28
S 6	22 36	21 28	5 3	24 29	1 11	22 50	1 0	19 52	1 8	19 47	0 32	20 16	1 43	15 20	0 22	7 21	1 1	3 38	16 44	17 55	17 33	24 8	15 18	6 28
S 7	22 29	17 39	5 3	24 30	1 16	22 40	1 1	19 40	1 8	19 44	0 32	20 15	1 43	15 20	0 22	7 21	1 1	3 37	16 43	17 52	17 32	24 6	15 17	6 28
M 8	22 21	13 9	4 51	24 29	1 21	22 29	1 3	19 27	1 8	19 41	0 32	20 15	1 43	15 20	0 22	7 20	1 0	3 37	16 43	17 50	17 31	24 5	15 16	6 28
T 9	22 13	8 6	4 25	24 26	1 26	22 17	1 5	19 15	1 8	19 37	0 32	20 15	1 43	15 20	0 22	7 20	1 0	3 37	16 42	17 48	17 30	24 3	15 16	6 28
W10	22 5	2 42	3 48	24 23	1 31	22 5	1 6	19 2	1 8	19 34	0 32	20 15	1 42	15 19	0 22	7 19	1 0	3 37	16 42	17 47	17 30	24 2	15 15	6 28
T 11	21 56	2s55	2 59	24 17	1 35	21 52	1 8	18 50	1 7	19 31	0 32	20 14	1 42	15 19	0 22	7 19	1 0	3 36	16 42	17 47	17 29	24 1	15 14	6 28
F 12	21 47	8 34	2 0	24 11	1 39	21 39	1 9	18 37	1 7	19 27	0 32	20 14	1 42	15 19	0 22	7 18	1 0	3 36	16 41	17 47	17 28	23 59	15 13	6 28
S 13	21 37	14 1	0 53	24 2	1 43	21 25	1 11	18 23	1 7	19 24	0 32	20 14	1 42	15 19	0 22	7 17	1 0	3 36	16 41	17 47	17 27	23 58	15 12	6 28
S 14	21 27	19 0	0s19	23 53	1 47	21 10	1 12	18 10	1 7	19 21	0 32	20 14	1 42	15 19	0 22	7 17	1 0	3 35	16 41	17 47	17 26	23 56	15 11	6 28
M15	21 16	23 7	1 32	23 42	1 50	20 54	1 14	17 56	1 7	19 17	0 33	20 13	1 41	15 19	0 22	7 16	1 0	3 35	16 40	17 47	17 25	23 55	15 11	6 28
T 16	21 5	25 55	2 42	23 29	1 53	20 38	1 15	17 42	1 7	19 14	0 33	20 13	1 41	15 19	0 22	7 15	1 0	3 35	16 40	17 46	17 24	23 53	15 10	6 28
W17	20 54	26 58	3 42	23 15	1 56	20 22	1 16	17 28	1 6	19 10	0 33	20 13	1 41	15 19	0 22	7 15	1 0	3 34	16 40	17 44	17 23	23 52	15 9	6 28
T 18	20 42	26 2	4 28	23 0	1 58	20 4	1 18	17 14	1 6	19 7	0 33	20 13	1 41	15 19	0 22	7 14	1 0	3 34	16 39	17 41	17 23	23 50	15 8	6 28
F 19	20 30	23 8	4 55	22 42	2 0	19 47	1 19	17 0	1 6	19 3	0 33	20 13	1 40	15 19	0 22	7 13	1 0	3 34	16 39	17 39	17 22	23 49	15 7	6 28
S 20	20 17	18 38	5 1	22 24	2 2	19 28	1 20	16 45	1 6	19 0	0 33	20 13	1 40	15 19	0 22	7 13	1 0	3 33	16 39	17 36	17 21	23 47	15 6	6 28
S 21	20 4	13 2	4 46	22 4	2 3	19 9	1 21	16 30	1 6	18 56	0 33	20 13	1 40	15 19	0 22	7 12	1 0	3 33	16 38	17 33	17 20	23 46	15 5	6 29
M22	19 51	6 49	4 12	21 42	2 4	18 50	1 22	16 15	1 5	18 52	0 33	20 13	1 40	15 19	0 22	7 11	1 0	3 32	16 38	17 31	17 19	23 44	15 4	6 29
T 23	19 37	0 26	3 24	21 18	2 5	18 30	1 23	16 0	1 5	18 49	0 33	20 13	1 40	15 19	0 22	7 11	1 0	3 32	16 37	17 30	17 18	23 43	15 3	6 29
W24	19 23	5n45	2 25	20 54	2 5	18 9	1 24	15 45	1 5	18 45	0 33	20 13	1 39	15 19	0 22	7 10	1 0	3 32	16 37	17 29	17 17	23 41	15 2	6 29
T 25	19 9	11 30	1 20	20 27	2 5	17 48	1 25	15 30	1 5	18 42	0 33	20 12	1 39	15 19	0 22	7 9	1 0	3 31	16 37	17 29	17 16	23 40	15 1	6 29
F 26	18 54	16 35	0 13	19 59	2 4	17 26	1 25	15 14	1 4	18 38	0 33	20 12	1 39	15 19	0 22	7 9	1 0	3 31	16 36	17 29	17 16	23 38	15 0	6 29
S 27	18 39	20 49	0n53	19 29	2 3	17 4	1 26	14 58	1 4	18 34	0 33	20 12	1 39	15 19	0 22	7 8	1 0	3 30	16 36	17 29	17 15	23 37	14 59	6 29
S 28	18 24	24 3	1 55	18 58	2 1	16 42	1 27	14 43	1 4	18 31	0 34	20 13	1 38	15 19	0 22	7 7	1 0	3 30	16 36	17 28	17 14	23 35	14 58	6 29
M29	18 8	26 8	2 51	18 26	1 59	16 19	1 27	14 27	1 4	18 27	0 34	20 13	1 38	15 20	0 22	7 6	1 0	3 30	16 35	17 27	17 13	23 34	14 57	6 29
T 30	17 52	27 0	3 39	17 52	1 56	15 55	1 28	14 10	1 3	18 23	0 34	20 13	1 38	15 20	0 22	7 6	1 0	3 29	16 35	17 25	17 12	23 32	14 56	6 30
W31	17s36	26n35	4n16	17s16	1s52	15s31	1s28	13s54	1s 3	18s19	0s34	20n13	1s38	15n20	0s22	7s 5	1s 0	3s29	16s35	17n22	17n11	23n31	14s55	6n30

Julian Day Number = 2398584.5, Delta T = 10.33 sec
Ecliptic obliquity = 23°27'35, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°42'56, Lahiri = 21°49'56

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ASTRODIENST EPHEMERIS for the year 1855
geocentric

FEBRUARY 1855 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 42 33	11♒37'05	29♋ 5	19♒40	23♒26	26♒39	10♒ 9	8°R59	12♉45	14♓25	1♉48	18°R21	17♉52	6♌45	24♏ 9	T 1
F 2	8 46 29	12°37'56	10♌58	21°26	24°41	27°26	10°23	8♊58	12°45	14°27	1°48	18♉ 6	17°49	6°52	24°14	F 2
S 3	8 50 26	13°38'46	22°51	23°13	25°56	28°14	10°38	8°57	12°46	14°29	1°49	17°51	17°45	6°59	24°19	S 3
S 4	8 54 22	14°39'34	4♍48	25° 0	27°11	29° 1	10°52	8°57	12°47	14°31	1°49	17°37	17°42	7° 5	24°24	S 4
M 5	8 58 19	15°40'21	16°48	26°46	28°26	29°48	11° 6	8°56	12°48	14°33	1°50	17°25	17°39	7°12	24°29	M 5
T 6	9 2 16	16°41'07	28°54	28°32	29°41	0♓36	11°20	8°56	12°48	14°35	1°50	17°15	17°36	7°19	24°35	T 6
W 7	9 6 12	17°41'52	11♎ 8	0♓18	0♓56	1°23	11°35	8°55	12°49	14°37	1°50	17° 8	17°33	7°25	24°40	W 7
T 8	9 10 9	18°42'36	23°33	2° 2	2°11	2°11	11°49	8°55	12°50	14°39	1°51	17° 4	17°29	7°32	24°45	T 8
F 9	9 14 5	19°43'19	6♏13	3°45	3°27	2°58	12° 3	8°D55	12°51	14°41	1°51	17° 3	17°26	7°39	24°50	F 9
S 10	9 18 2	20°44'01	19°12	5°26	4°42	3°45	12°17	8°55	12°52	14°43	1°52	17° 3	17°23	7°46	24°55	S 10
S 11	9 21 58	21°44'42	2♐34	7° 5	5°56	4°33	12°31	8°55	12°53	14°45	1°53	17° 2	17°20	7°52	25° 0	S 11
M12	9 25 55	22°45'22	16°22	8°42	7°11	5°20	12°46	8°56	12°54	14°47	1°53	17° 1	17°17	7°59	25° 5	M12
T 13	9 29 51	23°46'01	0♑37	10°15	8°26	6° 7	13° 0	8°56	12°55	14°50	1°54	16°57	17°14	8° 6	25°10	T 13
W14	9 33 48	24°46'38	15°19	11°44	9°41	6°55	13°14	8°56	12°57	14°52	1°54	16°51	17°10	8°13	25°15	W14
T 15	9 37 45	25°47'14	0♒21	13°10	10°56	7°42	13°28	8°57	12°58	14°54	1°55	16°41	17° 7	8°19	25°20	T 15
F 16	9 41 41	26°47'49	15°36	14°30	12°11	8°29	13°42	8°58	12°59	14°56	1°56	16°30	17° 4	8°26	25°25	F 16
S 17	9 45 38	27°48'22	0♓54	15°45	13°26	9°17	13°56	8°59	13° 1	14°58	1°56	16°19	17° 1	8°33	25°30	S 17
S 18	9 49 34	28°48'54	16° 2	16°53	14°41	10° 4	14°10	8°59	13° 2	15° 0	1°57	16° 8	16°58	8°39	25°34	S 18
M19	9 53 31	29°49'24	0♈50	17°54	15°56	10°51	14°24	9° 1	13° 4	15° 3	1°58	16° 0	16°55	8°46	25°39	M19
T 20	9 57 27	0♓49'52	15°12	18°47	17°10	11°38	14°38	9° 2	13° 5	15° 5	1°58	15°54	16°51	8°53	25°44	T 20
W21	10 1 24	1°50'19	29° 4	19°32	18°25	12°26	14°52	9° 3	13° 7	15° 7	1°59	15°50	16°48	9° 0	25°49	W21
T 22	10 5 20	2°50'43	12♉26	20° 9	19°40	13°13	15° 6	9° 4	13° 8	15° 9	2° 0	15°D49	16°45	9° 6	25°53	T 22
F 23	10 9 17	3°51'05	25°22	20°36	20°55	14° 0	15°20	9° 6	13°10	15°12	2° 1	15°50	16°42	9°13	25°58	F 23
S 24	10 13 14	4°51'26	7♊55	20°53	22° 9	14°47	15°34	9° 7	13°12	15°14	2° 2	15°R50	16°39	9°20	26° 2	S 24
S 25	10 17 10	5°51'45	20°11	21°R 1	23°24	15°34	15°48	9° 9	13°13	15°16	2° 2	15°49	16°35	9°26	26° 7	S 25
M26	10 21 7	6°52'01	2♋13	20°59	24°39	16°21	16° 2	9°11	13°15	15°18	2° 3	15°45	16°32	9°33	26°11	M26
T 27	10 25 3	7°52'16	14° 8	20°47	25°53	17° 8	16°16	9°13	13°17	15°21	2° 4	15°40	16°29	9°40	26°16	T 27
W28	10 29 0	8♓52'29	26♋ 0	20♓26	27♓ 8	17♓55	16♒30	9♊15	13♉19	15♓23	2♉ 5	15♉31	16♉26	9♌47	26♏20	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s19	24n58	4n43	16s39	1s48	15s 7	1s29	13s38	1s 3	18s16	0s34	20n13	1s37	15n20	0s22	7s 4	1s 0	3s28	16s34	17n18	17n10	23n29	14s54	6n30
F 2	17 2	22 15	4 57	16 0	1 44	14 42	1 29	13 21	1 3	18 12	0 34	20 13	1 37	15 20	0 22	7 3	1 0	3 28	16 34	17 14	17 9	23 27	14 53	6 30
S 3	16 45	18 36	4 58	15 20	1 39	14 17	1 29	13 4	1 2	18 8	0 34	20 13	1 37	15 20	0 22	7 2	1 0	3 27	16 33	17 10	17 8	23 26	14 52	6 30
S 4	16 27	14 12	4 46	14 39	1 33	13 51	1 29	12 48	1 2	18 4	0 34	20 13	1 37	15 21	0 22	7 2	1 0	3 27	16 33	17 6	17 8	23 24	14 51	6 30
M 5	16 9	9 14	4 21	13 57	1 26	13 25	1 29	12 31	1 2	18 0	0 34	20 13	1 36	15 21	0 21	7 1	1 0	3 26	16 33	17 3	17 7	23 23	14 50	6 30
T 6	15 51	3 52	3 45	13 14	1 19	12 59	1 29	12 14	1 1	17 57	0 34	20 14	1 36	15 21	0 21	7 0	1 0	3 26	16 32	17 0	17 6	23 21	14 49	6 31
W 7	15 33	1s41	2 57	12 29	1 11	12 33	1 29	11 56	1 1	17 53	0 34	20 14	1 36	15 22	0 21	6 59	1 0	3 25	16 32	16 58	17 5	23 19	14 48	6 31
T 8	15 14	7 17	2 1	11 44	1 2	12 6	1 29	11 39	1 1	17 49	0 35	20 14	1 36	15 22	0 21	6 58	1 0	3 25	16 32	16 57	17 4	23 18	14 47	6 31
F 9	14 55	12 43	0 57	10 58	0 53	11 38	1 29	11 22	1 0	17 45	0 35	20 14	1 35	15 22	0 21	6 58	1 0	3 25	16 31	16 56	17 3	23 16	14 46	6 31
S 10	14 36	17 43	0s11	10 12	0 43	11 11	1 29	11 4	1 0	17 41	0 35	20 14	1 35	15 23	0 21	6 57	1 0	3 24	16 31	16 56	17 2	23 15	14 45	6 32
S 11	14 16	22 1	1 21	9 25	0 32	10 43	1 29	10 47	1 0	17 37	0 35	20 15	1 35	15 23	0 21	6 56	1 0	3 24	16 31	16 56	17 1	23 13	14 43	6 32
M12	13 57	25 13	2 28	8 38	0 20	10 15	1 28	10 29	0 59	17 33	0 35	20 15	1 35	15 23	0 21	6 55	1 0	3 23	16 30	16 56	17 0	23 11	14 42	6 32
T 13	13 37	26 56	3 28	7 52	0 8	9 46	1 28	10 11	0 59	17 29	0 35	20 15	1 34	15 24	0 21	6 54	1 0	3 23	16 30	16 55	16 59	23 10	14 41	6 32
W14	13 16	26 50	4 17	7 6	0n 5	9 18	1 27	9 53	0 59	17 25	0 35	20 16	1 34	15 24	0 21	6 53	1 0	3 22	16 30	16 53	16 59	23 8	14 40	6 32
T 15	12 56	24 47	4 48	6 21	0 18	8 49	1 27	9 35	0 58	17 21	0 35	20 16	1 34	15 24	0 21	6 53	1 0	3 21	16 29	16 50	16 58	23 6	14 39	6 33
F 16	12 36	20 57	5 0	5 37	0 32	8 19	1 26	9 17	0 58	17 17	0 35	20 16	1 33	15 25	0 21	6 52	1 0	3 21	16 29	16 47	16 57	23 5	14 38	6 33
S 17	12 15	15 41	4 51	4 55	0 47	7 50	1 26	8 59	0 57	17 13	0 35	20 17	1 33	15 25	0 21	6 51	1 0	3 20	16 29	16 44	16 56	23 3	14 37	6 33
S 18	11 54	9 31	4 21	4 14	1 2	7 20	1 25	8 41	0 57	17 9	0 36	20 17	1 33	15 26	0 21	6 50	1 0	3 20	16 28	16 41	16 55	23 1	14 36	6 33
M19	11 33	2 56	3 34	3 37	1 17	6 51	1 24	8 23	0 57	17 5	0 36	20 18	1 33	15 26	0 21	6 49	1 0	3 19	16 28	16 38	16 54	23 0	14 35	6 34
T 20	11 11	3n37	2 34	3 2	1 32	6 21	1 23	8 4	0 56	17 1	0 36	20 18	1 32	15 27	0 21	6 48	1 0	3 19	16 28	16 37	16 53	22 58	14 33	6 34
W21	10 50	9 47	1 28	2 30	1 47	5 51	1 22	7 46	0 56	16 57	0 36	20 18	1 32	15 27	0 21	6 47	1 0	3 18	16 28	16 36	16 52	22 56	14 32	6 34
T 22	10 28	15 18	0 18	2 2	2 2	5 20	1 21	7 27	0 56	16 53	0 36	20 19	1 32	15 28	0 21	6 47	1 0	3 18	16 27	16 35	16 51	22 54	14 31	6 35
F 23	10 6	19 56	0n50	1 38	2 17	4 50	1 20	7 9	0 55	16 49	0 36	20 19	1 32	15 28	0 21	6 46	1 0	3 17	16 27	16 35	16 50	22 53	14 30	6 35
S 24	9 44	23 32	1 54	1 18	2 31	4 19	1 19	6 50	0 55	16 45	0 36	20 20	1 31	15 29	0 21	6 45	1 0	3 17	16 27	16 35	16 50	22 51	14 29	6 35
S 25	9 22	25 57	2 52	1 2	2 45	3 49	1 18	6 32	0 54	16 41	0 36	20 20	1 31	15 29	0 21	6 44	1 0	3 16	16 26	16 35	16 49	22 49	14 28	6 36
M26	9 0	27 6	3 40	0 51	2 57	3 18	1 16	6 13	0 54	16 37	0 36	20 21	1 31	15 30	0 21	6 43	1 0	3 16	16 26	16 34	16 48	22 48	14 27	6 36
T 27	8 37	26 59	4 18	0 46	3 9	2 47	1 15	5 54	0 53	16 33	0 37	20 21	1 31	15 30	0 21	6 42	1 0	3 15	16 26	16 33	16 47	22 46	14 26	6 36
W28	8s15	25n38	4n45	0s45	3n19	2s16	1s14	5s35	0s53	16s29	0s37	20n22	1s30	15n31	0s21	6s41	1s 0	3s14	16s25	16n30	16n46	22n44	14s24	6n37

Julian Day Number = 2398615.5, Delta T = 10.32 sec
Ecliptic obliquity = 23°27'35, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°43'00, Lahiri = 21°50'00

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ASTRODIENST EPHEMERIS for the year 1855
geocentric

MARCH 1855 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 32 56	9♓52'39	7♌51	19°R57	28♓22	18♓42	16♒43	9♊17	13♉21	15♓25	2♉ 6	15°R21	16♉23	9♌53	26♑25	T 1
F 2	10 36 53	10°52'48	19°44	19♓19	29°37	19°29	16°57	9°19	13°23	15°27	2° 7	15♉ 9	16°20	10° 0	26°29	F 2
S 3	10 40 49	11°52'55	1♍42	18°35	0♈51	20°16	17°11	9°22	13°25	15°30	2° 8	14°56	16°16	10° 7	26°33	S 3
S 4	10 44 46	12°52'59	13°45	17°44	2° 6	21° 3	17°24	9°24	13°27	15°32	2° 9	14°44	16°13	10°14	26°37	S 4
M 5	10 48 43	13°53'02	25°55	16°49	3°20	21°50	17°38	9°27	13°29	15°34	2°10	14°34	16°10	10°20	26°41	M 5
T 6	10 52 39	14°53'03	8♎12	15°51	4°34	22°37	17°51	9°29	13°31	15°37	2°11	14°26	16° 7	10°27	26°46	T 6
W 7	10 56 36	15°53'03	20°38	14°51	5°49	23°24	18° 5	9°32	13°33	15°39	2°12	14°20	16° 4	10°34	26°50	W 7
T 8	11 0 32	16°53'00	3♏15	13°51	7° 3	24°11	18°18	9°35	13°35	15°41	2°13	14°18	16° 1	10°40	26°54	T 8
F 9	11 4 29	17°52'56	16° 5	12°52	8°17	24°58	18°32	9°38	13°38	15°43	2°14	14°D17	15°57	10°47	26°58	F 9
S 10	11 8 25	18°52'50	29° 9	11°55	9°32	25°44	18°45	9°41	13°40	15°46	2°15	14°18	15°54	10°54	27° 1	S 10
S 11	11 12 22	19°52'43	12♐31	11° 1	10°46	26°31	18°58	9°44	13°42	15°48	2°16	14°18	15°51	11° 1	27° 5	S 11
M12	11 16 18	20°52'34	26°13	10°11	12° 0	27°18	19°12	9°48	13°45	15°50	2°17	14°R19	15°48	11° 7	27° 9	M12
T 13	11 20 15	21°52'23	10♑16	9°27	13°14	28° 4	19°25	9°51	13°47	15°52	2°18	14°17	15°45	11°14	27°13	T 13
W14	11 24 11	22°52'11	24°40	8°48	14°28	28°51	19°38	9°54	13°49	15°55	2°19	14°13	15°41	11°21	27°17	W14
T 15	11 28 8	23°51'57	9♒21	8°14	15°42	29°38	19°51	9°58	13°52	15°57	2°20	14° 8	15°38	11°27	27°20	T 15
F 16	11 32 5	24°51'41	24°15	7°47	16°56	0♈24	20° 4	10° 2	13°54	15°59	2°21	14° 0	15°35	11°34	27°24	F 16
S 17	11 36 1	25°51'23	9♓13	7°27	18°10	1°11	20°17	10° 6	13°57	16° 1	2°22	13°53	15°32	11°41	27°27	S 17
S 18	11 39 58	26°51'04	24° 7	7°12	19°24	1°57	20°30	10° 9	14° 0	16° 4	2°23	13°45	15°29	11°48	27°31	S 18
M19	11 43 54	27°50'42	8♈47	7° 4	20°38	2°44	20°43	10°13	14° 2	16° 6	2°25	13°40	15°26	11°54	27°34	M19
T 20	11 47 51	28°50'18	23° 7	7°D 2	21°52	3°30	20°55	10°17	14° 5	16° 8	2°26	13°36	15°22	12° 1	27°38	T 20
W21	11 51 47	29°49'52	7♉ 1	7° 5	23° 6	4°16	21° 8	10°21	14° 7	16°10	2°27	13°D34	15°19	12° 8	27°41	W21
T 22	11 55 44	0♈49'24	20°29	7°15	24°20	5° 3	21°21	10°26	14°10	16°13	2°28	13°34	15°16	12°15	27°44	T 22
F 23	11 59 40	1°48'54	3♊30	7°29	25°33	5°49	21°33	10°30	14°13	16°15	2°29	13°35	15°13	12°21	27°47	F 23
S 24	12 3 37	2°48'21	16° 9	7°49	26°47	6°35	21°46	10°34	14°16	16°17	2°31	13°37	15°10	12°28	27°50	S 24
S 25	12 7 34	3°47'46	28°29	8°14	28° 1	7°22	21°58	10°39	14°19	16°19	2°32	13°R38	15° 7	12°35	27°53	S 25
M26	12 11 30	4°47'09	10♋35	8°43	29°14	8° 8	22°11	10°44	14°21	16°21	2°33	13°38	15° 3	12°41	27°56	M26
T 27	12 15 27	5°46'30	22°31	9°17	0♉28	8°54	22°23	10°48	14°24	16°24	2°34	13°36	15° 0	12°48	27°59	T 27
W28	12 19 23	6°45'48	4♌24	9°54	1°41	9°40	22°35	10°53	14°27	16°26	2°36	13°33	14°57	12°55	28° 2	W28
T 29	12 23 20	7°45'04	16°16	10°36	2°55	10°26	22°47	10°58	14°30	16°28	2°37	13°28	14°54	13° 2	28° 5	T 29
F 30	12 27 16	8°44'17	28°11	11°21	4° 8	11°12	22°59	11° 3	14°33	16°30	2°38	13°22	14°51	13° 8	28° 8	F 30
S 31	12 31 13	9♈43'28	10♍13	12♓10	5♉22	11♈58	23♒11	11♊ 8	14♉36	16♓32	2♉39	13♉16	14♉47	13♌15	28♑10	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s52	23n 8	4n59	0s49	3n27	1s45	1s12	5s17	0s53	16s25	0s37	20n23	1s30	15n32	0s21	6s40	1s 0	3s14	16s25	16n27	16n45	22n42	14s23	6n37
F 2	7 30	19 40	5 1	0 57	3 34	1 14	1 11	4 58	0 52	16 21	0 37	20 23	1 30	15 32	0 21	6 40	1 0	3 13	16 25	16 24	16 44	22 41	14 22	6 37
S 3	7 7	15 23	4 49	1 10	3 38	0 43	1 9	4 39	0 52	16 17	0 37	20 24	1 30	15 33	0 21	6 39	1 0	3 13	16 25	16 20	16 43	22 39	14 21	6 38
S 4	6 44	10 28	4 25	1 27	3 41	0 12	1 8	4 20	0 51	16 13	0 37	20 24	1 29	15 33	0 21	6 38	1 0	3 12	16 24	16 16	16 42	22 37	14 20	6 38
M 5	6 21	5 7	3 48	1 48	3 41	0n19	1 6	4 1	0 51	16 9	0 37	20 25	1 29	15 34	0 21	6 37	1 0	3 12	16 24	16 13	16 41	22 35	14 19	6 38
T 6	5 58	0s30	3 0	2 12	3 40	0 50	1 4	3 42	0 50	16 5	0 37	20 26	1 29	15 35	0 21	6 36	1 0	3 11	16 24	16 11	16 40	22 33	14 18	6 39
W 7	5 34	6 10	2 3	2 39	3 36	1 21	1 2	3 23	0 50	16 1	0 38	20 26	1 29	15 35	0 21	6 35	1 0	3 11	16 24	16 9	16 40	22 32	14 17	6 39
T 8	5 11	11 41	0 59	3 7	3 31	1 53	1 0	3 4	0 49	15 57	0 38	20 27	1 29	15 36	0 21	6 34	1 0	3 10	16 23	16 8	16 39	22 30	14 15	6 40
F 9	4 48	16 49	0s10	3 37	3 23	2 24	0 59	2 45	0 49	15 53	0 38	20 28	1 28	15 37	0 21	6 33	1 0	3 9	16 23	16 8	16 38	22 28	14 14	6 40
S 10	4 24	21 16	1 19	4 7	3 14	2 55	0 57	2 26	0 48	15 49	0 38	20 28	1 28	15 38	0 21	6 33	1 0	3 9	16 23	16 8	16 37	22 26	14 13	6 40
S 11	4 1	24 43	2 25	4 37	3 3	3 26	0 55	2 7	0 48	15 45	0 38	20 29	1 28	15 38	0 21	6 32	1 0	3 8	16 22	16 9	16 36	22 24	14 12	6 41
M12	3 37	26 50	3 25	5 7	2 51	3 56	0 53	1 48	0 47	15 41	0 38	20 30	1 28	15 39	0 21	6 31	1 0	3 8	16 22	16 9	16 35	22 23	14 11	6 41
T 13	3 14	27 18	4 15	5 35	2 38	4 27	0 50	1 29	0 47	15 37	0 38	20 30	1 27	15 40	0 21	6 30	1 0	3 7	16 22	16 8	16 34	22 21	14 10	6 42
W14	2 50	25 57	4 49	6 3	2 25	4 58	0 48	1 10	0 46	15 33	0 38	20 31	1 27	15 40	0 21	6 29	1 0	3 7	16 22	16 7	16 33	22 19	14 9	6 42
T 15	2 26	22 50	5 6	6 28	2 11	5 29	0 46	0 51	0 46	15 29	0 39	20 32	1 27	15 41	0 21	6 28	1 0	3 6	16 22	16 6	16 32	22 17	14 8	6 42
F 16	2 3	18 11	5 2	6 52	1 56	5 59	0 44	0 32	0 45	15 25	0 39	20 33	1 27	15 42	0 21	6 27	1 0	3 5	16 21	16 3	16 31	22 15	14 7	6 43
S 17	1 39	12 24	4 37	7 13	1 41	6 30	0 41	0 13	0 45	15 21	0 39	20 33	1 26	15 43	0 21	6 27	1 0	3 5	16 21	16 1	16 30	22 13	14 6	6 43
S 18	1 15	5 55	3 54	7 33	1 26	7 0	0 39	0n 6	0 44	15 17	0 39	20 34	1 26	15 44	0 20	6 26	1 0	3 4	16 21	15 59	16 29	22 12	14 4	6 44
M19	0 51	0n47	2 56	7 50	1 11	7 30	0 37	0 25	0 44	15 13	0 39	20 35	1 26	15 44	0 20	6 25	1 0	3 4	16 21	15 57	16 28	22 10	14 3	6 44
T 20	0 28	7 19	1 48	8 4	0 56	8 0	0 34	0 44	0 43	15 9	0 39	20 36	1 26	15 45	0 20	6 24	1 0	3 3	16 20	15 56	16 28	22 8	14 2	6 45
W21	0 4	13 19	0 35	8 16	0 42	8 29	0 32	1 3	0 43	15 5	0 40	20 37	1 26	15 46	0 20	6 23	1 0	3 3	16 20	15 55	16 27	22 6	14 1	6 45
T 22	0n20	18 29	0n37	8 26	0 28	8 59	0 29	1 22	0 42	15 1	0 40	20 37	1 25	15 47	0 20	6 22	1 0	3 2	16 20	15 55	16 26	22 4	14 0	6 45
F 23	0 43	22 36	1 46	8 33	0 14	9 28	0 27	1 41	0 42	14 58	0 40	20 38	1 25	15 48	0 20	6 21	1 0	3 1	16 20	15 56	16 25	22 2	13 59	6 46
S 24	1 7	25 31	2 47	8 38	0 0	9 57	0 24	1 59	0 41	14 54	0 40	20 39	1 25	15 48	0 20	6 21	1 0	3 1	16 20	15 56	16 24	22 0	13 58	6 46
S 25	1 31	27 6	3 39	8 41	0s12	10 26	0 22	2 18	0 41	14 50	0 40	20 40	1 25	15 49	0 20	6 20	1 0	3 0	16 20	15 57	16 23	21 58	13 57	6 47
M26	1 54	27 22	4 21	8 41	0 25	10 55	0 19	2 37	0 40	14 46	0 40	20 41	1 24	15 50	0 20	6 19	1 0	3 0	16 19	15 57	16 22	21 56	13 56	6 47
T 27	2 18	26 20	4 50	8 40	0 37	11 23	0 16	2 56	0 39	14 42	0 40	20 42	1 24	15 51	0 20	6 18	1 0	2 59	16 19	15 56	16 21	21 55	13 55	6 48
W28	2 41	24 8	5 6	8 36	0 48	11 52	0 14	3 14	0 39	14 38	0 41	20 43	1 24	15 52	0 20	6 17	1 0	2 59	16 19	15 55	16 20	21 53	13 54	6 48
T 29	3 5	20 54	5 10	8 30	0 59	12 19	0 11	3 33	0 38	14 34	0 41	20 43	1 24	15 53	0 20	6 16	1 0	2 58	16 19	15 54	16 19	21 51	13 53	6 49
F 30	3 28	16 48	5 0	8 22	1 9	12 47	0 8	3 51	0 38	14 31	0 41	20 44	1 24	15 54	0 20	6 16	1 0	2 57	16 19	15 52	16 18	21 49	13 52	6 49
S 31	3n51	12n 1	4n37	8s13	1s19	13n14	0s 5	4n10	0s37	14s27	0s41	20n45	1s23	15n55	0s20	6s15	1s 0	2s57	16s19	15n50	16n17	21n47	13s51	6n50

Julian Day Number = 2398643.5, Delta T = 10.31 sec
Ecliptic obliquity = 23°27'36, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°43'04, Lahiri = 21°50'04

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ASTRODIENST EPHEMERIS for the year 1855
geocentric

APRIL 1855 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 35 9	10♈42'38	22♍24	13♓ 2	6♉35	12♈44	23♒23	11♊13	14♉39	16♓34	2♉41	13°R10	14♉44	13♌22	28♏13	S 1
M 2	12 39 6	11°41'44	4♎45	13°57	7°48	13°30	23°35	11°18	14°42	16°37	2°42	13♉ 5	14°41	13°28	28°15	M 2
T 3	12 43 3	12°40'49	17°17	14°55	9° 2	14°16	23°47	11°23	14°45	16°39	2°43	13° 1	14°38	13°35	28°18	T 3
W 4	12 46 59	13°39'52	0♏ 1	15°56	10°15	15° 2	23°58	11°28	14°48	16°41	2°45	12°59	14°35	13°42	28°20	W 4
T 5	12 50 56	14°38'53	12°58	17° 0	11°28	15°47	24°10	11°34	14°51	16°43	2°46	12°D58	14°32	13°49	28°22	T 5
F 6	12 54 52	15°37'52	26° 7	18° 6	12°41	16°33	24°21	11°39	14°54	16°45	2°47	12°59	14°28	13°55	28°25	F 6
S 7	12 58 49	16°36'49	9♐28	19°14	13°54	17°19	24°33	11°45	14°57	16°47	2°48	13° 0	14°25	14° 2	28°27	S 7
S 8	13 2 45	17°35'45	23° 3	20°25	15° 7	18° 4	24°44	11°50	15° 1	16°49	2°50	13° 2	14°22	14° 9	28°29	S 8
M 9	13 6 42	18°34'39	6♑51	21°38	16°20	18°50	24°55	11°56	15° 4	16°51	2°51	13° 3	14°19	14°16	28°31	M 9
T 10	13 10 38	19°33'31	20°52	22°53	17°33	19°35	25° 6	12° 2	15° 7	16°53	2°52	13°R 3	14°16	14°22	28°33	T 10
W11	13 14 35	20°32'21	5♒ 5	24°10	18°46	20°21	25°17	12° 7	15°10	16°55	2°54	13° 3	14°12	14°29	28°35	W11
T 12	13 18 32	21°31'10	19°28	25°30	19°59	21° 6	25°28	12°13	15°13	16°57	2°55	13° 1	14° 9	14°36	28°36	T 12
F 13	13 22 28	22°29'57	3♓57	26°51	21°11	21°52	25°39	12°19	15°17	16°59	2°57	12°59	14° 6	14°42	28°38	F 13
S 14	13 26 25	23°28'42	18°28	28°14	22°24	22°37	25°50	12°25	15°20	17° 1	2°58	12°56	14° 3	14°49	28°40	S 14
S 15	13 30 21	24°27'25	2♈55	29°39	23°37	23°22	26° 0	12°31	15°23	17° 3	2°59	12°54	14° 0	14°56	28°41	S 15
M16	13 34 18	25°26'06	17°12	1♈ 6	24°49	24° 8	26°11	12°37	15°27	17° 5	3° 1	12°52	13°57	15° 3	28°43	M16
T 17	13 38 14	26°24'46	1♉14	2°35	26° 2	24°53	26°21	12°43	15°30	17° 6	3° 2	12°51	13°53	15° 9	28°44	T 17
W18	13 42 11	27°23'23	14°57	4° 5	27°14	25°38	26°32	12°50	15°33	17° 8	3° 3	12°D50	13°50	15°16	28°46	W18
T 19	13 46 7	28°21'59	28°19	5°37	28°27	26°23	26°42	12°56	15°37	17°10	3° 5	12°51	13°47	15°23	28°47	T 19
F 20	13 50 4	29°20'33	11♊20	7°11	29°39	27° 8	26°52	13° 2	15°40	17°12	3° 6	12°52	13°44	15°30	28°48	F 20
S 21	13 54 1	0♉19'04	24° 1	8°47	0♊52	27°53	27° 2	13° 9	15°43	17°14	3° 7	12°53	13°41	15°36	28°49	S 21
S 22	13 57 57	1°17'34	6♋23	10°24	2° 4	28°38	27°12	13°15	15°47	17°15	3° 9	12°54	13°38	15°43	28°50	S 22
M23	14 1 54	2°16'01	18°32	12° 3	3°16	29°23	27°22	13°22	15°50	17°17	3°10	12°55	13°34	15°50	28°51	M23
T 24	14 5 50	3°14'26	0♌31	13°44	4°28	0♉ 8	27°31	13°28	15°53	17°19	3°12	12°R55	13°31	15°56	28°52	T 24
W25	14 9 47	4°12'49	12°25	15°27	5°40	0°53	27°41	13°35	15°57	17°21	3°13	12°55	13°28	16° 3	28°53	W25
T 26	14 13 43	5°11'10	24°19	17°11	6°52	1°38	27°50	13°42	16° 0	17°22	3°14	12°54	13°25	16°10	28°54	T 26
F 27	14 17 40	6° 9'28	6♍16	18°57	8° 4	2°22	27°59	13°48	16° 4	17°24	3°16	12°54	13°22	16°17	28°55	F 27
S 28	14 21 36	7° 7'45	18°21	20°45	9°16	3° 7	28° 8	13°55	16° 7	17°26	3°17	12°53	13°18	16°23	28°55	S 28
S 29	14 25 33	8° 6'00	0♎37	22°34	10°28	3°52	28°17	14° 2	16°11	17°27	3°18	12°52	13°15	16°30	28°56	S 29
M30	14 29 30	9♉ 4'12	13♎ 8	24♈26	11♊40	4♉36	28♒26	14♊ 9	16♉14	17♓29	3♉20	12♉52	13♉12	16♌37	28♏56	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n15	6n43	4n 1	8s 1	1s28	13n41	0s 3	4n28	0s37	14s23	0s41	20n46	1s23	15n55	0s20	6s14	1s 0	2s56	16s18	15n48	16n16	21n45	13s50	6n50
M 2	4 38	1 4	3 14	7 48	1 36	14 8	0n 0	4 47	0 36	14 19	0 41	20 47	1 23	15 56	0 20	6 13	1 1	2 56	16 18	15 47	16 15	21 43	13 49	6 51
T 3	5 1	4s42	2 16	7 33	1 44	14 34	0 3	5 5	0 35	14 16	0 42	20 48	1 23	15 57	0 20	6 12	1 1	2 55	16 18	15 46	16 15	21 41	13 48	6 51
W 4	5 24	10 24	1 10	7 16	1 52	15 0	0 6	5 23	0 35	14 12	0 42	20 49	1 23	15 58	0 20	6 12	1 1	2 55	16 18	15 45	16 14	21 39	13 47	6 52
T 5	5 47	15 45	0 0	6 58	1 59	15 25	0 9	5 41	0 34	14 8	0 42	20 50	1 22	15 59	0 20	6 11	1 1	2 54	16 18	15 45	16 13	21 37	13 46	6 52
F 6	6 9	20 27	1s11	6 38	2 5	15 51	0 12	6 0	0 34	14 5	0 42	20 51	1 22	16 0	0 20	6 10	1 1	2 54	16 18	15 45	16 12	21 35	13 45	6 53
S 7	6 32	24 12	2 20	6 16	2 11	16 15	0 14	6 18	0 33	14 1	0 42	20 52	1 22	16 1	0 20	6 9	1 1	2 53	16 18	15 45	16 11	21 33	13 44	6 53
S 8	6 55	26 39	3 22	5 53	2 16	16 40	0 17	6 36	0 33	13 57	0 42	20 53	1 22	16 2	0 20	6 8	1 1	2 53	16 18	15 46	16 10	21 31	13 43	6 54
M 9	7 17	27 30	4 14	5 28	2 20	17 4	0 20	6 53	0 32	13 54	0 43	20 53	1 22	16 3	0 20	6 8	1 1	2 52	16 17	15 46	16 9	21 29	13 42	6 54
T 10	7 40	26 38	4 51	5 2	2 25	17 27	0 23	7 11	0 31	13 50	0 43	20 54	1 21	16 4	0 20	6 7	1 1	2 52	16 17	15 46	16 8	21 27	13 42	6 55
W11	8 2	24 2	5 11	4 35	2 28	17 50	0 26	7 29	0 31	13 47	0 43	20 55	1 21	16 5	0 20	6 6	1 1	2 51	16 17	15 46	16 7	21 25	13 41	6 55
T 12	8 24	19 56	5 12	4 6	2 31	18 13	0 29	7 47	0 30	13 43	0 43	20 56	1 21	16 6	0 20	6 5	1 1	2 51	16 17	15 46	16 6	21 23	13 40	6 56
F 13	8 46	14 37	4 54	3 36	2 34	18 35	0 32	8 4	0 30	13 40	0 43	20 57	1 21	16 7	0 20	6 5	1 1	2 50	16 17	15 45	16 5	21 21	13 39	6 57
S 14	9 8	8 29	4 16	3 5	2 36	18 57	0 35	8 22	0 29	13 36	0 44	20 58	1 21	16 8	0 20	6 4	1 1	2 50	16 17	15 44	16 4	21 19	13 38	6 57
S 15	9 29	1 56	3 23	2 32	2 37	19 18	0 38	8 39	0 28	13 33	0 44	20 59	1 21	16 9	0 20	6 3	1 1	2 49	16 17	15 43	16 3	21 17	13 37	6 58
M16	9 51	4n39	2 17	1 59	2 38	19 39	0 40	8 56	0 28	13 29	0 44	21 0	1 20	16 10	0 20	6 3	1 1	2 49	16 17	15 43	16 2	21 15	13 36	6 58
T 17	10 12	10 55	1 4	1 24	2 38	19 59	0 43	9 13	0 27	13 26	0 44	21 1	1 20	16 11	0 20	6 2	1 1	2 48	16 17	15 42	16 1	21 13	13 36	6 59
W18	10 33	16 31	0n12	0 47	2 38	20 19	0 46	9 30	0 27	13 23	0 44	21 2	1 20	16 12	0 20	6 1	1 1	2 48	16 17	15 42	16 0	21 11	13 35	6 59
T 19	10 54	21 11	1 25	0 10	2 37	20 38	0 49	9 47	0 26	13 19	0 45	21 3	1 20	16 13	0 20	6 0	1 1	2 47	16 17	15 42	15 59	21 9	13 34	7 0
F 20	11 15	24 39	2 31	0n28	2 36	20 56	0 52	10 4	0 25	13 16	0 45	21 4	1 20	16 14	0 20	6 0	1 1	2 47	16 17	15 43	15 58	21 7	13 33	7 0
S 21	11 36	26 48	3 28	1 7	2 34	21 14	0 55	10 21	0 25	13 13	0 45	21 5	1 19	16 15	0 20	5 59	1 1	2 46	16 17	15 43	15 57	21 5	13 32	7 1
S 22	11 56	27 33	4 15	1 48	2 32	21 32	0 58	10 37	0 24	13 10	0 45	21 6	1 19	16 16	0 20	5 58	1 1	2 46	16 17	15 43	15 57	21 3	13 32	7 1
M23	12 16	26 56	4 48	2 29	2 29	21 49	1 0	10 54	0 23	13 7	0 45	21 7	1 19	16 17	0 20	5 58	1 1	2 45	16 17	15 44	15 56	21 0	13 31	7 2
T 24	12 36	25 5	5 9	3 11	2 26	22 5	1 3	11 10	0 23	13 4	0 46	21 8	1 19	16 18	0 20	5 57	1 1	2 45	16 17	15 44	15 55	20 58	13 30	7 3
W25	12 56	22 9	5 16	3 54	2 22	22 21	1 6	11 27	0 22	13 0	0 46	21 9	1 19	16 19	0 20	5 57	1 1	2 44	16 17	15 44	15 54	20 56	13 30	7 3
T 26	13 16	18 18	5 10	4 38	2 17	22 36	1 9	11 43	0 22	12 57	0 46	21 10	1 19	16 20	0 20	5 56	1 1	2 44	16 17	15 44	15 53	20 54	13 29	7 4
F 27	13 35	13 43	4 51	5 23	2 12	22 51	1 11	11 59	0 21	12 54	0 46	21 11	1 19	16 21	0 20	5 55	1 1	2 43	16 17	15 43	15 52	20 52	13 28	7 4
S 28	13 54	8 34	4 18	6 9	2 7	23 5	1 14	12 15	0 20	12 51	0 46	21 12	1 18	16 22	0 20	5 55	1 1	2 43	16 17	15 43	15 51	20 50	13 28	7 5
S 29	14 13	3 1	3 33	6 55	2 1	23 18	1 16	12 30	0 20	12 48	0 47	21 13	1 18	16 23	0 20	5 54	1 1	2 42	16 17	15 43	15 50	20 48	13 27	7 5
M30	14n32	2s46	2n37	7n42	1s55	23n30	1n19	12n46	0s19	12s46	0s47	21n14	1s18	16n24	0s20	5s53	1s 1	2s42	16s17	15n43	15n49	20n46	13s26	7n 6

Julian Day Number = 2398674.5, Delta T = 10.30 sec
Ecliptic obliquity = 23°27'36, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°43'08, Lahiri = 21°50'09

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ASTRODIENST EPHEMERIS for the year 1855
geocentric

MAY 1855 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 33 26	10♉ 2'23	25♎54	26♈19	12♊51	5♉21	28♒35	14♊16	16♉18	17♓30	3♉21	12°R52	13♉ 9	16♌43	28♏57	T 1
W 2	14 37 23	11° 0'32	8♏56	28°13	14° 3	6° 5	28°44	14°23	16°21	17°32	3°23	12°D51	13° 6	16°50	28°57	W 2
T 3	14 41 19	11°58'40	22°15	0♉10	15°14	6°49	28°52	14°30	16°24	17°33	3°24	12♉51	13° 3	16°57	28°57	T 3
F 4	14 45 16	12°56'45	5♐50	2° 8	16°26	7°34	29° 1	14°37	16°28	17°35	3°25	12°R51	12°59	17° 4	28°57	F 4
S 5	14 49 12	13°54'50	19°37	4° 8	17°37	8°18	29° 9	14°44	16°31	17°36	3°27	12°51	12°56	17°10	28°57	S 5
S 6	14 53 9	14°52'53	3♏35	6°10	18°49	9° 2	29°17	14°51	16°35	17°38	3°28	12°51	12°53	17°17	28°R57	S 6
M 7	14 57 5	15°50'54	17°41	8°13	20° 0	9°46	29°25	14°58	16°38	17°39	3°29	12°51	12°50	17°24	28°57	M 7
T 8	15 1 2	16°48'54	1♒52	10°18	21°11	10°31	29°33	15° 5	16°42	17°41	3°31	12°51	12°47	17°31	28°57	T 8
W 9	15 4 59	17°46'53	16° 6	12°24	22°22	11°15	29°40	15°12	16°45	17°42	3°32	12°D51	12°44	17°37	28°57	W 9
T 10	15 8 55	18°44'50	0♓20	14°32	23°33	11°59	29°48	15°20	16°49	17°43	3°33	12°51	12°40	17°44	28°57	T 10
F 11	15 12 52	19°42'46	14°31	16°40	24°44	12°43	29°55	15°27	16°52	17°45	3°35	12°51	12°37	17°51	28°56	F 11
S 12	15 16 48	20°40'41	28°38	18°50	25°55	13°27	0♓ 3	15°34	16°56	17°46	3°36	12°52	12°34	17°57	28°56	S 12
S 13	15 20 45	21°38'34	12♈36	21° 0	27° 6	14°11	0°10	15°42	16°59	17°47	3°37	12°52	12°31	18° 4	28°55	S 13
M14	15 24 41	22°36'27	26°25	23°11	28°17	14°54	0°17	15°49	17° 3	17°48	3°39	12°53	12°28	18°11	28°55	M14
T 15	15 28 38	23°34'18	10♉ 2	25°22	29°27	15°38	0°23	15°56	17° 6	17°50	3°40	12°R53	12°24	18°18	28°54	T 15
W16	15 32 34	24°32'07	23°24	27°33	0♋38	16°22	0°30	16° 4	17°10	17°51	3°41	12°53	12°21	18°24	28°53	W16
T 17	15 36 31	25°29'55	6♊31	29°44	1°49	17° 6	0°37	16°11	17°13	17°52	3°43	12°52	12°18	18°31	28°53	T 17
F 18	15 40 28	26°27'42	19°22	1♊55	2°59	17°49	0°43	16°19	17°17	17°53	3°44	12°51	12°15	18°38	28°52	F 18
S 19	15 44 24	27°25'28	1♋57	4° 5	4° 9	18°33	0°49	16°26	17°20	17°54	3°45	12°49	12°12	18°45	28°51	S 19
S 20	15 48 21	28°23'11	14°17	6°13	5°20	19°16	0°55	16°34	17°23	17°55	3°47	12°47	12° 9	18°51	28°50	S 20
M21	15 52 17	29°20'54	26°26	8°20	6°30	20° 0	1° 1	16°42	17°27	17°56	3°48	12°45	12° 5	18°58	28°49	M21
T 22	15 56 14	0♊18'34	8♌25	10°26	7°40	20°43	1° 7	16°49	17°30	17°57	3°49	12°43	12° 2	19° 5	28°47	T 22
W23	16 0 10	1°16'14	20°19	12°30	8°50	21°26	1°12	16°57	17°34	17°58	3°50	12°42	11°59	19°11	28°46	W23
T 24	16 4 7	2°13'51	2♍13	14°32	10° 0	22°10	1°18	17° 4	17°37	17°59	3°52	12°D41	11°56	19°18	28°45	T 24
F 25	16 8 3	3°11'27	14° 9	16°31	11°10	22°53	1°23	17°12	17°40	18° 0	3°53	12°42	11°53	19°25	28°44	F 25
S 26	16 12 0	4° 9'02	26°15	18°29	12°19	23°36	1°28	17°20	17°44	18° 1	3°54	12°43	11°50	19°32	28°42	S 26
S 27	16 15 57	5° 6'35	8♎33	20°24	13°29	24°19	1°33	17°28	17°47	18° 2	3°55	12°44	11°46	19°38	28°41	S 27
M28	16 19 53	6° 4'07	21° 8	22°16	14°38	25° 2	1°38	17°35	17°51	18° 2	3°56	12°46	11°43	19°45	28°39	M28
T 29	16 23 50	7° 1'38	4♏ 3	24° 6	15°48	25°45	1°42	17°43	17°54	18° 3	3°58	12°47	11°40	19°52	28°37	T 29
W30	16 27 46	7°59'07	17°19	25°53	16°57	26°28	1°46	17°51	17°57	18° 4	3°59	12°R47	11°37	19°58	28°36	W30
T 31	16 31 43	8♊56'36	0♐57	27♊37	18♋ 6	27♉11	1♓51	17♊58	18♉ 0	18♓ 5	4♉ 0	12♉46	11♉34	20♌ 5	28♏34	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	14n50	8s34	1n33	8n29	1s48	23n42	1n22	13n 1	0s18	12s43	0s47	21n14	1s18	16n25	0s20	5s53	1s 1	2s42	16s17	15n43	15n48	20n44	13s26	7n 6	T 1
W 2	15 9	14 9	0 22	9 17	1 40	23 54	1 24	13 17	0 18	12 40	0 47	21 15	1 18	16 26	0 20	5 52	1 1	2 41	16 17	15 43	15 47	20 42	13 25	7 7	W 2
T 3	15 27	19 11	0s52	10 6	1 33	24 5	1 27	13 32	0 17	12 37	0 48	21 16	1 18	16 27	0 20	5 52	1 1	2 41	16 17	15 43	15 46	20 39	13 24	7 8	T 3
F 4	15 44	23 20	2 4	10 54	1 24	24 15	1 29	13 47	0 17	12 34	0 48	21 17	1 17	16 28	0 20	5 51	1 1	2 40	16 17	15 43	15 45	20 37	13 24	7 8	F 4
S 5	16 2	26 12	3 10	11 43	1 16	24 24	1 31	14 2	0 16	12 32	0 48	21 18	1 17	16 29	0 20	5 51	1 2	2 40	16 17	15 43	15 44	20 35	13 23	7 9	S 5
S 6	16 19	27 30	4 5	12 32	1 7	24 33	1 34	14 17	0 15	12 29	0 48	21 19	1 17	16 30	0 20	5 50	1 2	2 40	16 17	15 43	15 43	20 33	13 23	7 9	S 6
M 7	16 36	27 2	4 47	13 21	0 57	24 41	1 36	14 31	0 15	12 27	0 48	21 20	1 17	16 31	0 20	5 50	1 2	2 39	16 17	15 43	15 42	20 31	13 22	7 10	M 7
T 8	16 52	24 48	5 11	14 10	0 48	24 48	1 38	14 46	0 14	12 24	0 49	21 21	1 17	16 32	0 20	5 49	1 2	2 39	16 17	15 42	15 41	20 29	13 22	7 10	T 8
W 9	17 9	21 3	5 16	14 59	0 38	24 55	1 40	15 0	0 13	12 22	0 49	21 22	1 17	16 33	0 20	5 49	1 2	2 38	16 17	15 42	15 40	20 26	13 21	7 11	W 9
T 10	17 25	16 4	5 2	15 46	0 27	25 0	1 42	15 14	0 13	12 19	0 49	21 23	1 17	16 34	0 20	5 48	1 2	2 38	16 17	15 42	15 39	20 24	13 21	7 11	T 10
F 11	17 41	10 15	4 30	16 34	0 17	25 6	1 44	15 28	0 12	12 17	0 49	21 24	1 17	16 35	0 20	5 48	1 2	2 38	16 17	15 43	15 38	20 22	13 20	7 12	F 11
S 12	17 56	3 56	3 41	17 20	0 7	25 10	1 46	15 42	0 11	12 14	0 50	21 25	1 16	16 36	0 20	5 47	1 2	2 37	16 17	15 43	15 37	20 20	13 20	7 12	S 12
S 13	18 11	2n32	2 40	18 5	0n 4	25 14	1 48	15 56	0 11	12 12	0 50	21 26	1 16	16 37	0 20	5 47	1 2	2 37	16 17	15 43	15 36	20 18	13 19	7 13	S 13
M14	18 26	8 48	1 30	18 49	0 15	25 17	1 50	16 10	0 10	12 10	0 50	21 27	1 16	16 37	0 20	5 46	1 2	2 37	16 17	15 43	15 35	20 15	13 19	7 13	M14
T 15	18 41	14 35	0 16	19 32	0 25	25 20	1 52	16 23	0 10	12 8	0 50	21 27	1 16	16 38	0 20	5 46	1 2	2 36	16 17	15 43	15 34	20 13	13 19	7 14	T 15
W16	18 55	19 34	0n58	20 12	0 35	25 21	1 54	16 36	0 9	12 6	0 51	21 28	1 16	16 39	0 20	5 45	1 2	2 36	16 18	15 43	15 33	20 11	13 18	7 15	W16
T 17	19 9	23 30	2 7	20 51	0 45	25 22	1 56	16 49	0 8	12 4	0 51	21 29	1 16	16 40	0 20	5 45	1 2	2 36	16 18	15 43	15 33	20 9	13 18	7 15	T 17
F 18	19 23	26 9	3 8	21 28	0 55	25 23	1 57	17 2	0 8	12 2	0 51	21 30	1 16	16 41	0 20	5 45	1 2	2 35	16 18	15 43	15 32	20 7	13 18	7 16	F 18
S 19	19 36	27 25	3 59	22 2	1 5	25 22	1 59	17 15	0 7	12 0	0 51	21 31	1 16	16 42	0 20	5 44	1 2	2 35	16 18	15 42	15 31	20 4	13 17	7 16	S 19
S 20	19 49	27 17	4 37	22 34	1 14	25 21	2 0	17 27	0 6	11 58	0 52	21 32	1 15	16 43	0 20	5 44	1 2	2 35	16 18	15 41	15 30	20 2	13 17	7 17	S 20
M21	20 2	25 50	5 2	23 4	1 22	25 19	2 2	17 40	0 6	11 56	0 52	21 33	1 15	16 44	0 20	5 44	1 2	2 35	16 18	15 41	15 29	20 0	13 17	7 17	M21
T 22	20 14	23 13	5 14	23 31	1 30	25 17	2 3	17 52	0 5	11 54	0 52	21 34	1 15	16 45	0 20	5 43	1 2	2 34	16 18	15 40	15 28	19 58	13 16	7 18	T 22
W23	20 26	19 39	5 12	23 55	1 37	25 14	2 4	18 4	0 4	11 52	0 52	21 34	1 15	16 46	0 20	5 43	1 2	2 34	16 18	15 40	15 27	19 55	13 16	7 18	W23
T 24	20 38	15 19	4 57	24 17	1 44	25 10	2 5	18 16	0 4	11 51	0 53	21 35	1 15	16 47	0 20	5 43	1 2	2 34	16 18	15 40	15 26	19 53	13 16	7 19	T 24
F 25	20 49	10 22	4 29	24 36	1 50	25 5	2 6	18 28	0 3	11 49	0 53	21 36	1 15	16 48	0 20	5 42	1 2	2 33	16 19	15 40	15 25	19 51	13 16	7 19	F 25
S 26	21 0	4 59	3 49	24 52	1 55	25 0	2 7	18 39	0 2	11 47	0 53	21 37	1 15	16 49	0 20	5 42	1 2	2 33	16 19	15 40	15 24	19 49	13 16	7 20	S 26
S 27	21 10	0s41	2 57	25 6	1 59	24 54	2 8	18 50	0 2	11 46	0 53	21 38	1 15	16 50	0 20	5 42	1 2	2 33	16 19	15 40	15 23	19 46	13 15	7 20	S 27
M28	21 20	6 27	1 56	25 17	2 3	24 48	2 9	19 1	0 1	11 44	0 54	21 39	1 15	16 51	0 20	5 41	1 2	2 33	16 19	15 41	15 22	19 44	13 15	7 21	M28
T 29	21 30	12 8	0 48	25 25	2 6	24 40	2 10	19 12	0 0	11 43	0 54	21 39	1 14	16 52	0 20	5 41	1 2	2 33	16 19	15 41	15 21	19 42	13 15	7 21	T 29
W30	21 40	17 25	0s25	25 32	2 8	24 32	2 10	19 23	0n 0	11 42	0 54	21 40	1 14	16 53	0 20	5 41	1 3	2 32	16 19	15 41	15 20	19 40	13 15	7 21	W30
T 31	21n49	21s58	1s38	25n36	2n 9	24n24	2n11	19n34	0n 1	11s41	0s54	21n41	1s14	16n54	0s20	5s41	1s 3	2s32	16s20	15n41	15n19	19n37	13s15	7n22	T 31

Julian Day Number = 2398704.5, Delta T = 10.29 sec
Ecliptic obliquity = 23°27'36, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°43'12, Lahiri = 21°50'13

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ASTRODIENST EPHEMERIS for the year 1855
geocentric

JUNE 1855 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 35 39	9♊54'03	14♐56	29♊19	19♋15	27♉54	1♓55	18♊ 6	18♉ 4	18♓ 5	4♉ 1	12°R44	11♉30	20♌12	28°R32	F 1
S 2	16 39 36	10°51'29	29°10	0♋58	20°24	28°37	1°58	18°14	18° 7	18° 6	4° 2	12♉40	11°27	20°19	28♑30	S 2
S 3	16 43 32	11°48'55	13♑37	2°34	21°33	29°20	2° 2	18°22	18°10	18° 7	4° 3	12°36	11°24	20°25	28°28	S 3
M 4	16 47 29	12°46'20	28° 8	4° 7	22°42	0♊ 2	2° 6	18°30	18°14	18° 7	4° 4	12°32	11°21	20°32	28°26	M 4
T 5	16 51 26	13°43'44	12♒40	5°37	23°50	0°45	2° 9	18°37	18°17	18° 8	4° 6	12°29	11°18	20°39	28°24	T 5
W 6	16 55 22	14°41'07	27° 5	7° 4	24°59	1°28	2°12	18°45	18°20	18° 8	4° 7	12°26	11°15	20°46	28°22	W 6
T 7	16 59 19	15°38'30	11♓21	8°29	26° 7	2°10	2°15	18°53	18°23	18° 9	4° 8	12°D25	11°11	20°52	28°20	T 7
F 8	17 3 15	16°35'52	25°25	9°50	27°15	2°53	2°18	19° 1	18°26	18° 9	4° 9	12°25	11° 8	20°59	28°17	F 8
S 9	17 7 12	17°33'13	9♈16	11° 9	28°23	3°35	2°20	19° 9	18°29	18°10	4°10	12°26	11° 5	21° 6	28°15	S 9
S 10	17 11 8	18°30'35	22°54	12°24	29°31	4°17	2°23	19°16	18°33	18°10	4°11	12°28	11° 2	21°12	28°13	S 10
M11	17 15 5	19°27'55	6♉18	13°36	0♌39	5° 0	2°25	19°24	18°36	18°10	4°12	12°R29	10°59	21°19	28°10	M11
T 12	17 19 1	20°25'16	19°30	14°45	1°47	5°42	2°27	19°32	18°39	18°11	4°13	12°29	10°56	21°26	28° 8	T 12
W13	17 22 58	21°22'36	2♊30	15°51	2°54	6°24	2°29	19°40	18°42	18°11	4°14	12°27	10°52	21°33	28° 5	W13
T 14	17 26 55	22°19'55	15°17	16°54	4° 2	7° 6	2°30	19°48	18°45	18°11	4°15	12°23	10°49	21°39	28° 3	T 14
F 15	17 30 51	23°17'14	27°53	17°53	5° 9	7°49	2°32	19°56	18°48	18°11	4°16	12°18	10°46	21°46	28° 0	F 15
S 16	17 34 48	24°14'32	10♋17	18°49	6°16	8°31	2°33	20° 3	18°51	18°12	4°17	12°11	10°43	21°53	27°57	S 16
S 17	17 38 44	25°11'49	22°30	19°41	7°23	9°13	2°34	20°11	18°54	18°12	4°18	12° 3	10°40	21°59	27°55	S 17
M18	17 42 41	26° 9'06	4♌35	20°29	8°30	9°55	2°35	20°19	18°57	18°12	4°19	11°56	10°36	22° 6	27°52	M18
T 19	17 46 37	27° 6'23	16°32	21°14	9°37	10°36	2°36	20°27	19° 0	18°12	4°20	11°49	10°33	22°13	27°49	T 19
W20	17 50 34	28° 3'38	28°24	21°55	10°43	11°18	2°36	20°35	19° 3	18°12	4°21	11°43	10°30	22°20	27°46	W20
T 21	17 54 31	29° 0'53	10♍16	22°32	11°50	12° 0	2°36	20°42	19° 6	18°R12	4°21	11°39	10°27	22°26	27°43	T 21
F 22	17 58 27	29°58'07	22°11	23° 5	12°56	12°42	2°R36	20°50	19° 8	18°12	4°22	11°37	10°24	22°33	27°40	F 22
S 23	18 2 24	0♋55'21	4♎14	23°34	14° 2	13°24	2°36	20°58	19°11	18°12	4°23	11°D37	10°21	22°40	27°37	S 23
S 24	18 6 20	1°52'34	16°30	23°58	15° 8	14° 5	2°36	21° 6	19°14	18°12	4°24	11°38	10°17	22°47	27°34	S 24
M25	18 10 17	2°49'46	29° 5	24°18	16°13	14°47	2°35	21°13	19°17	18°12	4°25	11°39	10°14	22°53	27°31	M25
T 26	18 14 13	3°46'58	12♏ 1	24°33	17°19	15°28	2°35	21°21	19°19	18°12	4°26	11°R39	10°11	23° 0	27°28	T 26
W27	18 18 10	4°44'09	25°23	24°44	18°24	16°10	2°34	21°29	19°22	18°12	4°26	11°38	10° 8	23° 7	27°25	W27
T 28	18 22 6	5°41'21	9♐12	24°51	19°29	16°51	2°33	21°36	19°25	18°11	4°27	11°35	10° 5	23°13	27°22	T 28
F 29	18 26 3	6°38'32	23°26	24°R52	20°34	17°33	2°32	21°44	19°27	18°11	4°28	11°30	10° 2	23°20	27°19	F 29
S 30	18 30 0	7♋35'42	8♑ 2	24♋49	21♌38	18♊14	2♓30	21♊52	19♉30	18♓11	4♉29	11♉23	9♉58	23♌27	27♑15	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n57	25s22	2s47	25n37	2n10	24n15	2n11	19n44	0n 1	11s39	0s55	21n42	1s14	16n55	0s20	5s40	1s 3	2s32	16s20	15n40	15n18	19n35	13s15	7n22
S 2	22 6	27 14	3 47	25 37	2 10	24 5	2 12	19 54	0 2	11 38	0 55	21 42	1 14	16 56	0 20	5 40	1 3	2 32	16 20	15 39	15 17	19 33	13 15	7 23
S 3	22 13	27 18	4 33	25 35	2 9	23 54	2 12	20 4	0 3	11 37	0 55	21 43	1 14	16 57	0 20	5 40	1 3	2 32	16 20	15 38	15 16	19 30	13 15	7 23
M 4	22 21	25 29	5 2	25 31	2 7	23 43	2 12	20 14	0 3	11 36	0 56	21 44	1 14	16 57	0 20	5 40	1 3	2 31	16 20	15 37	15 15	19 28	13 15	7 24
T 5	22 28	22 0	5 12	25 25	2 4	23 32	2 12	20 23	0 4	11 35	0 56	21 45	1 14	16 58	0 20	5 40	1 3	2 31	16 20	15 36	15 14	19 26	13 15	7 24
W 6	22 35	17 13	5 2	25 17	2 1	23 19	2 12	20 33	0 5	11 34	0 56	21 45	1 14	16 59	0 20	5 39	1 3	2 31	16 21	15 35	15 13	19 23	13 15	7 25
T 7	22 41	11 31	4 33	25 8	1 57	23 6	2 12	20 42	0 5	11 34	0 56	21 46	1 14	17 0	0 20	5 39	1 3	2 31	16 21	15 35	15 12	19 21	13 15	7 25
F 8	22 47	5 19	3 49	24 58	1 52	22 53	2 12	20 51	0 6	11 33	0 57	21 47	1 14	17 1	0 20	5 39	1 3	2 31	16 21	15 35	15 11	19 19	13 15	7 25
S 9	22 53	1n 3	2 51	24 46	1 47	22 39	2 11	21 0	0 7	11 32	0 57	21 48	1 14	17 2	0 20	5 39	1 3	2 31	16 21	15 35	15 10	19 16	13 15	7 26
S 10	22 58	7 17	1 45	24 33	1 40	22 24	2 11	21 8	0 7	11 32	0 57	21 48	1 13	17 3	0 20	5 39	1 3	2 30	16 22	15 35	15 9	19 14	13 15	7 26
M11	23 2	13 6	0 34	24 19	1 33	22 9	2 10	21 17	0 8	11 31	0 58	21 49	1 13	17 4	0 20	5 39	1 3	2 30	16 22	15 36	15 8	19 12	13 15	7 27
T 12	23 7	18 14	0n38	24 4	1 26	21 53	2 10	21 25	0 9	11 31	0 58	21 50	1 13	17 4	0 20	5 39	1 3	2 30	16 22	15 36	15 7	19 9	13 15	7 27
W13	23 11	22 25	1 47	23 48	1 17	21 37	2 9	21 33	0 9	11 30	0 58	21 50	1 13	17 5	0 20	5 39	1 3	2 30	16 22	15 35	15 6	19 7	13 15	7 27
T 14	23 14	25 26	2 48	23 31	1 8	21 20	2 8	21 41	0 10	11 30	0 58	21 51	1 13	17 6	0 20	5 39	1 3	2 30	16 22	15 34	15 5	19 5	13 15	7 28
F 15	23 17	27 7	3 41	23 14	0 58	21 3	2 7	21 48	0 11	11 30	0 59	21 52	1 13	17 7	0 20	5 39	1 3	2 30	16 23	15 32	15 4	19 2	13 15	7 28
S 16	23 20	27 25	4 22	22 56	0 48	20 45	2 6	21 56	0 11	11 29	0 59	21 52	1 13	17 8	0 20	5 39	1 3	2 30	16 23	15 30	15 3	19 0	13 16	7 28
S 17	23 22	26 21	4 50	22 37	0 37	20 27	2 5	22 3	0 12	11 29	0 59	21 53	1 13	17 9	0 20	5 39	1 3	2 30	16 23	15 28	15 2	18 57	13 16	7 29
M18	23 24	24 4	5 5	22 19	0 25	20 8	2 3	22 10	0 12	11 29	0 59	21 54	1 13	17 9	0 20	5 39	1 3	2 30	16 23	15 26	15 1	18 55	13 16	7 29
T 19	23 26	20 46	5 7	22 0	0 13	19 49	2 2	22 16	0 13	11 29	1 0	21 54	1 13	17 10	0 20	5 39	1 3	2 30	16 24	15 23	15 0	18 53	13 16	7 29
W20	23 27	16 39	4 55	21 41	0 0	19 29	2 0	22 23	0 14	11 29	1 0	21 55	1 13	17 11	0 20	5 39	1 3	2 30	16 24	15 22	14 59	18 50	13 16	7 30
T 21	23 27	11 54	4 31	21 21	0s13	19 9	1 59	22 29	0 14	11 30	1 0	21 55	1 13	17 12	0 20	5 39	1 4	2 30	16 24	15 20	14 58	18 48	13 17	7 30
F 22	23 28	6 41	3 54	21 2	0 27	18 49	1 57	22 35	0 15	11 30	1 1	21 56	1 13	17 12	0 20	5 39	1 4	2 30	16 24	15 20	14 57	18 45	13 17	7 30
S 23	23 27	1 11	3 7	20 43	0 41	18 28	1 55	22 41	0 16	11 30	1 1	21 57	1 13	17 13	0 20	5 39	1 4	2 30	16 25	15 20	14 56	18 43	13 17	7 30
S 24	23 27	4s29	2 11	20 25	0 56	18 6	1 53	22 47	0 16	11 30	1 1	21 57	1 13	17 14	0 20	5 39	1 4	2 30	16 25	15 20	14 55	18 41	13 18	7 31
M25	23 26	10 7	1 7	20 6	1 11	17 45	1 51	22 52	0 17	11 31	1 1	21 58	1 12	17 15	0 20	5 39	1 4	2 30	16 25	15 20	14 54	18 38	13 18	7 31
T 26	23 24	15 29	0s 2	19 48	1 27	17 23	1 48	22 58	0 18	11 31	1 2	21 58	1 12	17 15	0 20	5 39	1 4	2 30	16 25	15 21	14 53	18 36	13 18	7 31
W27	23 23	20 18	1 13	19 31	1 42	17 0	1 46	23 3	0 18	11 32	1 2	21 59	1 12	17 16	0 20	5 39	1 4	2 30	16 26	15 20	14 52	18 33	13 19	7 31
T 28	23 20	24 11	2 22	19 14	1 58	16 37	1 43	23 7	0 19	11 33	1 2	21 59	1 12	17 17	0 20	5 39	1 4	2 30	16 26	15 19	14 51	18 31	13 19	7 32
F 29	23 18	26 42	3 24	18 59	2 14	16 14	1 41	23 12	0 19	11 33	1 3	22 0	1 12	17 18	0 20	5 39	1 4	2 30	16 26	15 18	14 50	18 28	13 19	7 32
S 30	23n15	27s27	4s15	18n44	2s30	15n51	1n38	23n16	0n20	11s34	1s 3	22n 0	1s12	17n18	0s20	5s39	1s 4	2s30	16s27	15n16	14n49	18n26	13s20	7n32

Julian Day Number = 2398735.5, Delta T = 10.28 sec
Ecliptic obliquity = 23°27'35, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°43'17, Lahiri = 21°50'17

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ASTRODIENST EPHEMERIS for the year 1855
geocentric

JULY 1855 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 33 56	8♋32'53	22♑53	24°R42	22♌43	18♊55	2°R28	21♊59	19♉32	18°R11	4♉29	11°R15	9♉55	23♌34	27°R12	S 1
M 2	18 37 53	9°30'04	7♒51	24♋30	23°47	19°36	2♓27	22° 7	19°35	18♓10	4°30	11♉ 7	9°52	23°40	27♑ 9	M 2
T 3	18 41 49	10°27'15	22°45	24°13	24°51	20°18	2°25	22°14	19°38	18°10	4°31	10°59	9°49	23°47	27° 5	T 3
W 4	18 45 46	11°24'25	7♓30	23°53	25°54	20°59	2°22	22°22	19°40	18°10	4°31	10°53	9°46	23°54	27° 2	W 4
T 5	18 49 42	12°21'37	21°57	23°28	26°58	21°40	2°20	22°30	19°42	18° 9	4°32	10°49	9°42	24° 0	26°59	T 5
F 6	18 53 39	13°18'48	6♈ 4	23° 0	28° 1	22°21	2°17	22°37	19°45	18° 9	4°33	10°47	9°39	24° 7	26°55	F 6
S 7	18 57 35	14°16'00	19°51	22°29	29° 4	23° 2	2°15	22°44	19°47	18° 8	4°33	10°D47	9°36	24°14	26°52	S 7
S 8	19 1 32	15°13'12	3♉18	21°55	0♍ 7	23°43	2°12	22°52	19°49	18° 8	4°34	10°48	9°33	24°21	26°49	S 8
M 9	19 5 29	16°10'25	16°27	21°19	1° 9	24°23	2° 9	22°59	19°52	18° 7	4°34	10°R48	9°30	24°27	26°45	M 9
T 10	19 9 25	17° 7'38	29°21	20°42	2°11	25° 4	2° 5	23° 7	19°54	18° 7	4°35	10°46	9°27	24°34	26°42	T 10
W11	19 13 22	18° 4'52	12♊ 2	20° 3	3°13	25°45	2° 2	23°14	19°56	18° 6	4°35	10°42	9°23	24°41	26°38	W11
T 12	19 17 18	19° 2'06	24°32	19°24	4°15	26°26	1°58	23°21	19°58	18° 5	4°36	10°36	9°20	24°47	26°35	T 12
F 13	19 21 15	19°59'21	6♋52	18°45	5°16	27° 6	1°54	23°29	20° 0	18° 5	4°36	10°27	9°17	24°54	26°31	F 13
S 14	19 25 11	20°56'36	19° 4	18° 7	6°17	27°47	1°50	23°36	20° 3	18° 4	4°37	10°15	9°14	25° 1	26°28	S 14
S 15	19 29 8	21°53'51	1♌ 9	17°31	7°18	28°28	1°46	23°43	20° 5	18° 3	4°37	10° 3	9°11	25° 8	26°24	S 15
M16	19 33 4	22°51'07	13° 7	16°57	8°18	29° 8	1°42	23°50	20° 7	18° 3	4°38	9°50	9° 8	25°14	26°21	M16
T 17	19 37 1	23°48'23	25° 1	16°26	9°18	29°49	1°37	23°58	20° 9	18° 2	4°38	9°38	9° 4	25°21	26°17	T 17
W18	19 40 58	24°45'39	6♍51	15°59	10°18	0♋29	1°32	24° 5	20°10	18° 1	4°38	9°28	9° 1	25°28	26°14	W18
T 19	19 44 54	25°42'56	18°42	15°36	11°17	1° 9	1°27	24°12	20°12	18° 0	4°39	9°20	8°58	25°35	26°10	T 19
F 20	19 48 51	26°40'12	0♎36	15°17	12°16	1°50	1°22	24°19	20°14	17°59	4°39	9°15	8°55	25°41	26° 6	F 20
S 21	19 52 47	27°37'30	12°37	15° 3	13°14	2°30	1°17	24°26	20°16	17°58	4°40	9°13	8°52	25°48	26° 3	S 21
S 22	19 56 44	28°34'47	24°50	14°54	14°12	3°10	1°12	24°33	20°18	17°58	4°40	9°D12	8°48	25°55	25°59	S 22
M23	20 0 40	29°32'05	7♏21	14°D51	15°10	3°50	1° 6	24°40	20°19	17°57	4°40	9°R12	8°45	26° 1	25°56	M23
T 24	20 4 37	0♌29'23	20°14	14°53	16° 7	4°30	1° 1	24°47	20°21	17°56	4°40	9°12	8°42	26° 8	25°52	T 24
W25	20 8 33	1°26'42	3♐34	15° 1	17° 4	5°10	0°55	24°53	20°23	17°55	4°41	9°10	8°39	26°15	25°49	W25
T 26	20 12 30	2°24'01	17°23	15°16	18° 1	5°50	0°49	25° 0	20°24	17°54	4°41	9° 6	8°36	26°22	25°45	T 26
F 27	20 16 27	3°21'20	1♑41	15°36	18°57	6°30	0°43	25° 7	20°26	17°53	4°41	9° 0	8°33	26°28	25°42	F 27
S 28	20 20 23	4°18'41	16°25	16° 3	19°52	7°10	0°37	25°14	20°27	17°51	4°41	8°51	8°29	26°35	25°38	S 28
S 29	20 24 20	5°16'02	1♒30	16°35	20°47	7°50	0°30	25°20	20°29	17°50	4°41	8°40	8°26	26°42	25°35	S 29
M30	20 28 16	6°13'23	16°44	17°14	21°41	8°30	0°24	25°27	20°30	17°49	4°41	8°30	8°23	26°48	25°31	M30
T 31	20 32 13	7♌10'46	1♓58	17♋59	22♍35	9♋10	0♓18	25♊33	20♉32	17♓48	4♉42	8♉20	8♉20	26♌55	25♑28	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n11	26s16	4s49	18n30	2s45	15n27	1n35	23n21	0n21	11s35	1s 3	22n 1	1s12	17n19	0s20	5s40	1s 4	2s30	16s27	15n13	14n48	18n24	13s20	7n32
M 2	23 7	23 13	5 4	18 16	3 1	15 3	1 32	23 24	0 21	11 36	1 3	22 1	1 12	17 20	0 20	5 40	1 4	2 30	16 27	15 10	14 47	18 21	13 21	7 33
T 3	23 3	18 38	4 58	18 5	3 16	14 38	1 29	23 28	0 22	11 37	1 4	22 2	1 12	17 20	0 20	5 40	1 4	2 30	16 27	15 8	14 46	18 19	13 21	7 33
W 4	22 58	12 59	4 32	17 54	3 30	14 14	1 25	23 32	0 23	11 38	1 4	22 2	1 12	17 21	0 20	5 40	1 4	2 30	16 28	15 6	14 45	18 16	13 21	7 33
T 5	22 53	6 43	3 50	17 44	3 44	13 49	1 22	23 35	0 23	11 39	1 4	22 3	1 12	17 22	0 20	5 40	1 4	2 30	16 28	15 5	14 44	18 14	13 22	7 33
F 6	22 48	0 15	2 54	17 36	3 57	13 24	1 18	23 38	0 24	11 40	1 5	22 3	1 12	17 22	0 20	5 41	1 4	2 30	16 28	15 4	14 43	18 11	13 22	7 33
S 7	22 42	6n 5	1 49	17 30	4 9	12 58	1 14	23 41	0 25	11 42	1 5	22 4	1 12	17 23	0 20	5 41	1 4	2 30	16 29	15 4	14 42	18 9	13 23	7 33
S 8	22 35	12 0	0 40	17 24	4 20	12 33	1 11	23 44	0 25	11 43	1 5	22 4	1 12	17 24	0 20	5 41	1 4	2 30	16 29	15 5	14 41	18 6	13 23	7 34
M 9	22 29	17 15	0n30	17 20	4 29	12 7	1 7	23 46	0 26	11 44	1 5	22 5	1 12	17 24	0 20	5 41	1 4	2 30	16 29	15 5	14 40	18 4	13 24	7 34
T 10	22 22	21 36	1 37	17 18	4 37	11 41	1 3	23 49	0 26	11 46	1 6	22 5	1 12	17 25	0 20	5 41	1 4	2 30	16 29	15 4	14 39	18 1	13 24	7 34
W11	22 14	24 52	2 38	17 17	4 44	11 14	0 58	23 51	0 27	11 47	1 6	22 5	1 12	17 25	0 20	5 42	1 4	2 31	16 30	15 3	14 38	17 59	13 25	7 34
T 12	22 6	26 51	3 30	17 17	4 49	10 48	0 54	23 52	0 28	11 49	1 6	22 6	1 12	17 26	0 20	5 42	1 4	2 31	16 30	15 1	14 37	17 56	13 25	7 34
F 13	21 58	27 28	4 12	17 19	4 53	10 21	0 49	23 54	0 28	11 50	1 6	22 6	1 12	17 26	0 20	5 42	1 4	2 31	16 30	14 58	14 36	17 54	13 26	7 34
S 14	21 50	26 44	4 41	17 22	4 55	9 54	0 45	23 55	0 29	11 52	1 7	22 7	1 12	17 27	0 20	5 43	1 4	2 31	16 31	14 54	14 35	17 51	13 27	7 34
S 15	21 41	24 45	4 57	17 26	4 55	9 28	0 40	23 57	0 30	11 54	1 7	22 7	1 12	17 28	0 20	5 43	1 5	2 31	16 31	14 51	14 34	17 49	13 27	7 34
M16	21 31	21 41	5 0	17 32	4 53	9 0	0 35	23 58	0 30	11 56	1 7	22 7	1 12	17 28	0 20	5 43	1 5	2 31	16 31	14 46	14 33	17 46	13 28	7 34
T 17	21 22	17 45	4 50	17 39	4 50	8 33	0 30	23 58	0 31	11 58	1 7	22 8	1 12	17 29	0 20	5 44	1 5	2 31	16 32	14 43	14 32	17 44	13 28	7 34
W18	21 12	13 8	4 28	17 47	4 45	8 6	0 25	23 59	0 31	11 59	1 8	22 8	1 12	17 29	0 20	5 44	1 5	2 32	16 32	14 39	14 31	17 41	13 29	7 34
T 19	21 1	8 3	3 54	17 55	4 39	7 39	0 20	23 59	0 32	12 1	1 8	22 8	1 12	17 30	0 20	5 44	1 5	2 32	16 32	14 37	14 30	17 39	13 30	7 34
F 20	20 50	2 39	3 9	18 5	4 32	7 11	0 14	24 0	0 33	12 3	1 8	22 9	1 12	17 30	0 20	5 45	1 5	2 32	16 33	14 35	14 29	17 36	13 30	7 34
S 21	20 39	2s54	2 16	18 16	4 23	6 43	0 9	23 59	0 33	12 6	1 8	22 9	1 12	17 31	0 20	5 45	1 5	2 32	16 33	14 35	14 28	17 33	13 31	7 34
S 22	20 28	8 28	1 15	18 26	4 13	6 16	0 3	23 59	0 34	12 8	1 9	22 9	1 12	17 31	0 20	5 45	1 5	2 32	16 33	14 34	14 27	17 31	13 32	7 34
M23	20 16	13 49	0 10	18 38	4 1	5 48	0s 3	23 59	0 35	12 10	1 9	22 10	1 12	17 31	0 20	5 46	1 5	2 33	16 34	14 34	14 26	17 28	13 32	7 34
T 24	20 4	18 45	0s58	18 50	3 49	5 20	0 9	23 58	0 35	12 12	1 9	22 10	1 12	17 32	0 20	5 46	1 5	2 33	16 34	14 34	14 25	17 26	13 33	7 34
W25	19 51	22 56	2 5	19 2	3 36	4 53	0 15	23 57	0 36	12 14	1 9	22 10	1 12	17 32	0 20	5 47	1 5	2 33	16 34	14 34	14 24	17 23	13 34	7 34
T 26	19 38	25 58	3 7	19 14	3 23	4 25	0 21	23 56	0 36	12 17	1 10	22 10	1 12	17 33	0 20	5 47	1 5	2 33	16 35	14 32	14 23	17 21	13 34	7 34
F 27	19 25	27 26	3 59	19 26	3 8	3 57	0 28	23 55	0 37	12 19	1 10	22 11	1 12	17 33	0 20	5 48	1 5	2 34	16 35	14 30	14 22	17 18	13 35	7 34
S 28	19 12	27 3	4 38	19 37	2 54	3 30	0 34	23 53	0 38	12 21	1 10	22 11	1 12	17 34	0 20	5 48	1 5	2 34	16 35	14 28	14 21	17 16	13 36	7 34
S 29	18 58	24 41	4 58	19 48	2 38	3 2	0 41	23 52	0 38	12 24	1 10	22 11	1 12	17 34	0 20	5 48	1 5	2 34	16 36	14 24	14 20	17 13	13 36	7 34
M30	18 44	20 33	4 57	19 59	2 23	2 34	0 48	23 50	0 39	12 26	1 11	22 11	1 12	17 34	0 20	5 49	1 5	2 34	16 36	14 21	14 19	17 10	13 37	7 34
T 31	18n30	15s 4	4s35	20n 9	2s 8	2n 7	0s55	23n48	0n39	12s29	1s11	22n12	1s12	17n35	0s20	5s49	1s 5	2s35	16s36	14n18	14n18	17n 8	13s38	7n33

Julian Day Number = 2398765.5, Delta T = 10.26 sec
Ecliptic obliquity = 23°27'35, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°43'21, Lahiri = 21°50'21

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ASTRODIENST EPHEMERIS for the year 1855
geocentric

AUGUST 1855 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 36 9	8♌ 8'09	17♓ 0	18♋50	23♍28	9♋49	0°R11	25♊40	20♉33	17°R47	4♉42	8°R12	8♉17	27♌ 2	25°R25	W 1
T 2	20 40 6	9° 5'34	1♈43	19°47	24°21	10°29	0♓ 4	25°46	20°34	17♓46	4°42	8♉ 6	8°14	27° 9	25♑21	T 2
F 3	20 44 2	10° 3'00	16° 1	20°49	25°13	11° 9	29♒57	25°53	20°35	17°45	4°42	8° 3	8°10	27°15	25°18	F 3
S 4	20 47 59	11° 0'27	29°53	21°57	26° 5	11°48	29°50	25°59	20°36	17°43	4°42	8° 2	8° 7	27°22	25°15	S 4
S 5	20 51 56	11°57'55	13♉19	23°11	26°55	12°28	29°43	26° 5	20°38	17°42	4°R42	8° 2	8° 4	27°29	25°11	S 5
M 6	20 55 52	12°55'25	26°23	24°30	27°46	13° 7	29°36	26°12	20°39	17°41	4°42	8° 2	8° 1	27°35	25° 8	M 6
T 7	20 59 49	13°52'56	9♊ 9	25°55	28°35	13°47	29°29	26°18	20°40	17°40	4°42	8° 0	7°58	27°42	25° 5	T 7
W 8	21 3 45	14°50'28	21°38	27°24	29°24	14°26	29°21	26°24	20°41	17°38	4°42	7°56	7°54	27°49	25° 1	W 8
T 9	21 7 42	15°48'02	3♋56	28°57	0♎12	15° 5	29°14	26°30	20°42	17°37	4°42	7°49	7°51	27°56	24°58	T 9
F 10	21 11 38	16°45'37	16° 5	0♌35	0°59	15°44	29° 6	26°36	20°42	17°36	4°42	7°39	7°48	28° 2	24°55	F 10
S 11	21 15 35	17°43'13	28° 7	2°17	1°46	16°24	28°59	26°42	20°43	17°34	4°41	7°27	7°45	28° 9	24°52	S 11
S 12	21 19 32	18°40'51	10♌ 5	4° 3	2°31	17° 3	28°51	26°48	20°44	17°33	4°41	7°13	7°42	28°16	24°49	S 12
M13	21 23 28	19°38'30	21°58	5°52	3°16	17°42	28°44	26°53	20°45	17°31	4°41	7° 0	7°39	28°22	24°46	M13
T 14	21 27 25	20°36'10	3♍49	7°43	4° 0	18°21	28°36	26°59	20°45	17°30	4°41	6°47	7°35	28°29	24°43	T 14
W15	21 31 21	21°33'51	15°40	9°37	4°43	19° 0	28°28	27° 5	20°46	17°29	4°41	6°36	7°32	28°36	24°40	W15
T 16	21 35 18	22°31'33	27°32	11°33	5°25	19°39	28°20	27°10	20°47	17°27	4°41	6°28	7°29	28°43	24°37	T 16
F 17	21 39 14	23°29'17	9♎28	13°31	6° 6	20°18	28°13	27°16	20°47	17°26	4°40	6°22	7°26	28°49	24°34	F 17
S 18	21 43 11	24°27'02	21°31	15°30	6°46	20°57	28° 5	27°21	20°48	17°24	4°40	6°19	7°23	28°56	24°31	S 18
S 19	21 47 7	25°24'47	3♏44	17°29	7°25	21°36	27°57	27°27	20°48	17°23	4°40	6°D18	7°19	29° 3	24°28	S 19
M20	21 51 4	26°22'35	16°14	19°30	8° 3	22°14	27°49	27°32	20°49	17°21	4°39	6°18	7°16	29° 9	24°26	M20
T 21	21 55 0	27°20'23	29° 4	21°30	8°39	22°53	27°41	27°37	20°49	17°20	4°39	6°R18	7°13	29°16	24°23	T 21
W22	21 58 57	28°18'12	12♐18	23°31	9°15	23°32	27°33	27°42	20°49	17°18	4°39	6°18	7°10	29°23	24°20	W22
T 23	22 2 54	29°16'03	26° 0	25°31	9°49	24°10	27°25	27°47	20°49	17°17	4°38	6°15	7° 7	29°30	24°18	T 23
F 24	22 6 50	0♍13'55	10♑11	27°31	10°22	24°49	27°17	27°52	20°50	17°15	4°38	6°10	7° 4	29°36	24°15	F 24
S 25	22 10 47	1°11'48	24°50	29°30	10°53	25°27	27°10	27°57	20°50	17°13	4°38	6° 3	7° 0	29°43	24°12	S 25
S 26	22 14 43	2° 9'42	9♒52	1♍28	11°23	26° 6	27° 2	28° 2	20°50	17°12	4°37	5°54	6°57	29°50	24°10	S 26
M27	22 18 40	3° 7'38	25° 8	3°26	11°51	26°44	26°54	28° 7	20°R50	17°10	4°37	5°45	6°54	29°56	24° 8	M27
T 28	22 22 36	4° 5'35	10♓27	5°22	12°18	27°23	26°46	28°11	20°50	17° 9	4°36	5°36	6°51	0♍ 3	24° 5	T 28
W29	22 26 33	5° 3'34	25°39	7°18	12°44	28° 1	26°38	28°16	20°50	17° 7	4°36	5°29	6°48	0°10	24° 3	W29
T 30	22 30 29	6° 1'35	10♈33	9°12	13° 7	28°39	26°31	28°20	20°50	17° 6	4°35	5°24	6°45	0°17	24° 1	T 30
F 31	22 34 26	6♍59'37	25♈ 2	11♍ 6	13♎29	29♋17	26♒23	28♊25	20♉49	17♓ 4	4♉35	5♉22	6♉41	0♍23	23♑58	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n15	8s44	3s55	20n17	1s52	1n39	1s 2	23n46	0n40	12s31	1s11	22n12	1s12	17n35	0s20	5s50	1s 5	2s35	16s37	14n15	14n17	17n 5	13s39	7n33
T 2	18 0	2 3	2 59	20 25	1 36	1 12	1 9	23 43	0 41	12 34	1 11	22 12	1 12	17 35	0 20	5 50	1 5	2 35	16 37	14 13	14 16	17 3	13 39	7 33
F 3	17 45	4n34	1 53	20 31	1 21	0 44	1 16	23 41	0 41	12 37	1 11	22 12	1 12	17 36	0 20	5 51	1 5	2 36	16 37	14 12	14 15	17 0	13 40	7 33
S 4	17 29	10 46	0 43	20 36	1 5	0 17	1 24	23 38	0 42	12 39	1 12	22 12	1 12	17 36	0 20	5 51	1 5	2 36	16 38	14 12	14 14	16 57	13 41	7 33
S 5	17 13	16 18	0n28	20 38	0 50	0s10	1 31	23 35	0 42	12 42	1 12	22 12	1 12	17 36	0 20	5 52	1 5	2 36	16 38	14 12	14 13	16 55	13 41	7 33
M 6	16 57	20 54	1 35	20 39	0 36	0 37	1 39	23 32	0 43	12 45	1 12	22 13	1 12	17 36	0 20	5 52	1 5	2 36	16 38	14 12	14 12	16 52	13 42	7 33
T 7	16 41	24 25	2 36	20 38	0 21	1 4	1 47	23 28	0 44	12 47	1 12	22 13	1 12	17 37	0 20	5 53	1 5	2 37	16 38	14 11	14 10	16 49	13 43	7 32
W 8	16 24	26 40	3 28	20 34	0 8	1 31	1 55	23 25	0 44	12 50	1 12	22 13	1 12	17 37	0 20	5 54	1 5	2 37	16 39	14 10	14 9	16 47	13 44	7 32
T 9	16 7	27 34	4 10	20 28	0n 5	1 57	2 3	23 21	0 45	12 53	1 12	22 13	1 12	17 37	0 20	5 54	1 5	2 37	16 39	14 8	14 8	16 44	13 44	7 32
F 10	15 50	27 7	4 39	20 20	0 18	2 24	2 11	23 17	0 46	12 56	1 13	22 13	1 12	17 37	0 20	5 55	1 5	2 38	16 39	14 4	14 7	16 41	13 45	7 32
S 11	15 32	25 23	4 56	20 9	0 30	2 50	2 19	23 13	0 46	12 58	1 13	22 13	1 12	17 38	0 20	5 55	1 5	2 38	16 40	14 0	14 6	16 39	13 46	7 31
S 12	15 14	22 32	5 0	19 55	0 41	3 16	2 28	23 9	0 47	13 1	1 13	22 14	1 12	17 38	0 20	5 56	1 5	2 38	16 40	13 56	14 5	16 36	13 47	7 31
M13	14 56	18 46	4 50	19 39	0 51	3 41	2 36	23 4	0 47	13 4	1 13	22 14	1 12	17 38	0 20	5 56	1 6	2 39	16 40	13 52	14 4	16 34	13 48	7 31
T 14	14 38	14 16	4 28	19 20	1 0	4 7	2 45	23 0	0 48	13 7	1 13	22 14	1 12	17 38	0 20	5 57	1 6	2 39	16 41	13 47	14 3	16 31	13 48	7 31
W15	14 20	9 15	3 54	18 58	1 9	4 32	2 54	22 55	0 49	13 10	1 13	22 14	1 12	17 38	0 20	5 57	1 6	2 40	16 41	13 44	14 2	16 28	13 49	7 30
T 16	14 1	3 53	3 10	18 33	1 16	4 57	3 3	22 50	0 49	13 13	1 13	22 14	1 12	17 39	0 20	5 58	1 6	2 40	16 41	13 41	14 1	16 26	13 50	7 30
F 17	13 42	1s39	2 17	18 6	1 23	5 22	3 12	22 45	0 50	13 15	1 14	22 14	1 12	17 39	0 20	5 59	1 6	2 40	16 42	13 39	14 0	16 23	13 51	7 30
S 18	13 23	7 12	1 18	17 37	1 29	5 46	3 21	22 39	0 50	13 18	1 14	22 14	1 12	17 39	0 20	5 59	1 6	2 41	16 42	13 38	13 59	16 20	13 51	7 30
S 19	13 4	12 34	0 14	17 6	1 34	6 10	3 30	22 34	0 51	13 21	1 14	22 14	1 12	17 39	0 20	6 0	1 6	2 41	16 42	13 38	13 58	16 18	13 52	7 29
M20	12 44	17 33	0s53	16 32	1 38	6 33	3 40	22 28	0 51	13 24	1 14	22 14	1 12	17 39	0 20	6 0	1 6	2 41	16 43	13 38	13 57	16 15	13 53	7 29
T 21	12 24	21 53	1 58	15 57	1 41	6 57	3 49	22 22	0 52	13 27	1 14	22 14	1 12	17 39	0 20	6 1	1 6	2 42	16 43	13 38	13 56	16 12	13 54	7 29
W22	12 4	25 15	2 59	15 19	1 43	7 19	3 59	22 16	0 53	13 30	1 14	22 14	1 12	17 39	0 20	6 2	1 6	2 42	16 43	13 38	13 55	16 9	13 55	7 28
T 23	11 44	27 16	3 52	14 41	1 45	7 42	4 8	22 10	0 53	13 32	1 14	22 14	1 12	17 39	0 20	6 2	1 6	2 43	16 44	13 37	13 54	16 7	13 55	7 28
F 24	11 24	27 36	4 33	14 0	1 46	8 3	4 18	22 4	0 54	13 35	1 14	22 15	1 12	17 39	0 20	6 3	1 6	2 43	16 44	13 35	13 53	16 4	13 56	7 28
S 25	11 4	26 3	4 58	13 19	1 46	8 25	4 28	21 58	0 54	13 38	1 14	22 15	1 12	17 39	0 20	6 4	1 6	2 43	16 44	13 33	13 52	16 1	13 57	7 27
S 26	10 43	22 39	5 3	12 36	1 46	8 46	4 38	21 51	0 55	13 41	1 14	22 15	1 12	17 39	0 20	6 4	1 6	2 44	16 44	13 30	13 51	15 59	13 58	7 27
M27	10 22	17 39	4 46	11 53	1 44	9 6	4 47	21 44	0 56	13 43	1 15	22 15	1 12	17 39	0 20	6 5	1 6	2 44	16 45	13 27	13 50	15 56	13 58	7 26
T 28	10 1	11 30	4 10	11 8	1 43	9 26	4 57	21 37	0 56	13 46	1 15	22 15	1 12	17 39	0 20	6 6	1 6	2 45	16 45	13 24	13 49	15 53	13 59	7 26
W29	9 40	4 43	3 15	10 23	1 40	9 45	5 7	21 30	0 57	13 49	1 15	22 15	1 12	17 39	0 20	6 6	1 6	2 45	16 45	13 22	13 48	15 50	14 0	7 26
T 30	9 19	2n12	2 9	9 38	1 38	10 3	5 17	21 23	0 57	13 52	1 15	22 15	1 12	17 39	0 20	6 7	1 6	2 45	16 46	13 20	13 47	15 48	14 1	7 25
F 31	8n57	8n51	0s55	8n52	1n34	10s21	5s27	21n16	0n58	13s54	1s15	22n15	1s12	17n39	0s20	6s 7	1s 6	2s46	16s46	13n19	13n46	15n45	14s 1	7n25

Julian Day Number = 2398796.5, Delta T = 10.25 sec
Ecliptic obliquity = 23°27'36, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°43'25, Lahiri = 21°50'25

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ASTRODIENST EPHEMERIS for the year 1855
geocentric

SEPTEMBER 1855 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 38 23	7♍57'41	9♉ 3	12♍58	13♎49	29♋56	26°R16	28♊29	20°R49	17°R 2	4°R34	5°D22	6♉38	0♍30	23°R56	S 1
S 2	22 42 19	8°55'48	22°37	14°48	14° 8	0♌34	26♒ 8	28°33	20♉49	17♓ 1	4♉34	5♉22	6°35	0°37	23♑54	S 2
M 3	22 46 16	9°53'56	5♊44	16°38	14°24	1°12	26° 1	28°38	20°49	16°59	4°33	5°R23	6°32	0°43	23°52	M 3
T 4	22 50 12	10°52'06	18°29	18°27	14°39	1°50	25°53	28°42	20°48	16°57	4°33	5°23	6°29	0°50	23°50	T 4
W 5	22 54 9	11°50'19	0♋56	20°14	14°51	2°28	25°46	28°46	20°48	16°56	4°32	5°21	6°25	0°57	23°48	W 5
T 6	22 58 5	12°48'33	13° 9	22° 0	15° 2	3° 6	25°39	28°50	20°47	16°54	4°31	5°17	6°22	1° 4	23°47	T 6
F 7	23 2 2	13°46'50	25°12	23°45	15°10	3°44	25°31	28°53	20°47	16°52	4°31	5°11	6°19	1°10	23°45	F 7
S 8	23 5 58	14°45'08	7♌ 8	25°29	15°16	4°21	25°24	28°57	20°46	16°51	4°30	5° 2	6°16	1°17	23°43	S 8
S 9	23 9 55	15°43'28	19° 1	27°11	15°20	4°59	25°17	29° 1	20°46	16°49	4°29	4°53	6°13	1°24	23°42	S 9
M10	23 13 52	16°41'50	0♍52	28°53	15°R22	5°37	25°11	29° 4	20°45	16°47	4°29	4°44	6°10	1°30	23°40	M10
T 11	23 17 48	17°40'14	12°44	0♎33	15°22	6°15	25° 4	29° 8	20°44	16°46	4°28	4°35	6° 6	1°37	23°39	T 11
W12	23 21 45	18°38'40	24°37	2°13	15°19	6°52	24°57	29°11	20°44	16°44	4°27	4°27	6° 3	1°44	23°37	W12
T 13	23 25 41	19°37'08	6♎35	3°51	15°13	7°30	24°51	29°14	20°43	16°43	4°26	4°22	6° 0	1°50	23°36	T 13
F 14	23 29 38	20°35'37	18°38	5°28	15° 6	8° 7	24°44	29°17	20°42	16°41	4°26	4°18	5°57	1°57	23°34	F 14
S 15	23 33 34	21°34'09	0♏49	7° 4	14°56	8°45	24°38	29°20	20°41	16°39	4°25	4°D17	5°54	2° 4	23°33	S 15
S 16	23 37 31	22°32'42	13°10	8°39	14°43	9°22	24°32	29°23	20°40	16°38	4°24	4°17	5°51	2°11	23°32	S 16
M17	23 41 27	23°31'16	25°45	10°13	14°29	9°59	24°26	29°26	20°39	16°36	4°23	4°18	5°47	2°17	23°31	M17
T 18	23 45 24	24°29'53	8♐37	11°46	14°11	10°37	24°20	29°29	20°38	16°34	4°22	4°20	5°44	2°24	23°30	T 18
W19	23 49 21	25°28'31	21°50	13°18	13°52	11°14	24°15	29°31	20°37	16°33	4°22	4°R21	5°41	2°31	23°29	W19
T 20	23 53 17	26°27'11	5♑25	14°49	13°30	11°51	24° 9	29°34	20°36	16°31	4°21	4°21	5°38	2°37	23°28	T 20
F 21	23 57 14	27°25'53	19°25	16°19	13° 6	12°28	24° 4	29°36	20°35	16°29	4°20	4°19	5°35	2°44	23°27	F 21
S 22	0 1 10	28°24'36	3♒50	17°47	12°41	13° 5	23°58	29°39	20°33	16°28	4°19	4°15	5°31	2°51	23°27	S 22
S 23	0 5 7	29°23'21	18°36	19°15	12°13	13°42	23°53	29°41	20°32	16°26	4°18	4°11	5°28	2°58	23°26	S 23
M24	0 9 3	0♎22'07	3♓37	20°42	11°43	14°19	23°48	29°43	20°31	16°25	4°17	4° 6	5°25	3° 4	23°26	M24
T 25	0 13 0	1°20'56	18°45	22° 8	11°12	14°56	23°44	29°45	20°29	16°23	4°16	4° 1	5°22	3°11	23°25	T 25
W26	0 16 56	2°19'46	3♈50	23°33	10°39	15°33	23°39	29°47	20°28	16°21	4°15	3°58	5°19	3°18	23°25	W26
T 27	0 20 53	3°18'38	18°43	24°56	10° 5	16°10	23°35	29°49	20°27	16°20	4°15	3°55	5°16	3°24	23°24	T 27
F 28	0 24 50	4°17'33	3♉16	26°19	9°30	16°46	23°30	29°51	20°25	16°18	4°14	3°D54	5°12	3°31	23°24	F 28
S 29	0 28 46	5°16'29	17°24	27°40	8°54	17°23	23°26	29°52	20°24	16°17	4°13	3°55	5° 9	3°38	23°24	S 29
S 30	0 32 43	6♎15'28	1♊ 4	29♎ 0	8♎18	18♌ 0	23♒22	29♊54	20♉22	16♓15	4♉12	3♉56	5♉ 6	3♍45	23♑24	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n35	14n50	0n20	8n 6	1n31	10s38	5s37	21n 8	0n59	13s57	1s15	22n15	1s12	17n39	0s20	6s 8	1s 6	2s46	16s46	13n19	13n45	15n42	14s 2	7n24
S 2	8 14	19 54	1 31	7 19	1 26	10 54	5 47	21 1	0 59	13 59	1 15	22 15	1 12	17 39	0 20	6 9	1 6	2 47	16 46	13 19	13 44	15 39	14 3	7 24
M 3	7 52	23 50	2 35	6 32	1 22	11 10	5 57	20 53	1 0	14 2	1 15	22 15	1 12	17 39	0 20	6 9	1 6	2 47	16 47	13 20	13 42	15 37	14 4	7 24
T 4	7 30	26 27	3 30	5 45	1 17	11 25	6 7	20 45	1 0	14 5	1 15	22 15	1 12	17 39	0 20	6 10	1 6	2 48	16 47	13 20	13 41	15 34	14 4	7 23
W 5	7 8	27 41	4 13	4 58	1 12	11 39	6 17	20 37	1 1	14 7	1 15	22 15	1 13	17 39	0 20	6 11	1 6	2 48	16 47	13 19	13 40	15 31	14 5	7 23
T 6	6 45	27 31	4 44	4 11	1 6	11 52	6 27	20 29	1 2	14 9	1 15	22 15	1 13	17 39	0 20	6 11	1 6	2 49	16 47	13 18	13 39	15 28	14 6	7 22
F 7	6 23	26 3	5 2	3 25	1 1	12 4	6 36	20 21	1 2	14 12	1 15	22 15	1 13	17 38	0 20	6 12	1 6	2 49	16 48	13 16	13 38	15 26	14 7	7 22
S 8	6 1	23 26	5 6	2 38	0 55	12 15	6 46	20 12	1 3	14 14	1 15	22 15	1 13	17 38	0 20	6 13	1 6	2 49	16 48	13 13	13 37	15 23	14 7	7 21
S 9	5 38	19 50	4 57	1 51	0 48	12 25	6 55	20 4	1 3	14 17	1 15	22 15	1 13	17 38	0 20	6 13	1 6	2 50	16 48	13 10	13 36	15 20	14 8	7 21
M10	5 15	15 28	4 35	1 5	0 42	12 34	7 4	19 55	1 4	14 19	1 15	22 15	1 13	17 38	0 20	6 14	1 6	2 50	16 48	13 7	13 35	15 17	14 9	7 21
T 11	4 53	10 30	4 2	0 19	0 35	12 42	7 13	19 46	1 4	14 21	1 15	22 15	1 13	17 38	0 20	6 15	1 6	2 51	16 49	13 4	13 34	15 15	14 10	7 20
W12	4 30	5 9	3 17	0s27	0 28	12 49	7 21	19 37	1 5	14 23	1 15	22 15	1 13	17 37	0 20	6 15	1 6	2 51	16 49	13 1	13 33	15 12	14 10	7 20
T 13	4 7	0s25	2 24	1 12	0 21	12 54	7 30	19 28	1 6	14 26	1 15	22 15	1 13	17 37	0 20	6 16	1 6	2 52	16 49	12 59	13 32	15 9	14 11	7 19
F 14	3 44	6 1	1 24	1 57	0 14	12 58	7 38	19 19	1 6	14 28	1 15	22 15	1 13	17 37	0 20	6 17	1 6	2 52	16 49	12 58	13 31	15 6	14 12	7 19
S 15	3 21	11 28	0 19	2 42	0 7	13 1	7 45	19 10	1 7	14 30	1 15	22 15	1 13	17 37	0 20	6 17	1 6	2 53	16 50	12 58	13 30	15 3	14 12	7 18
S 16	2 58	16 34	0s48	3 26	0s 0	13 3	7 52	19 0	1 7	14 32	1 15	22 15	1 13	17 37	0 20	6 18	1 6	2 53	16 50	12 58	13 29	15 1	14 13	7 18
M17	2 34	21 4	1 54	4 10	0 8	13 3	7 59	18 51	1 8	14 34	1 15	22 14	1 13	17 36	0 20	6 19	1 6	2 54	16 50	12 58	13 28	14 58	14 14	7 17
T 18	2 11	24 39	2 56	4 53	0 15	13 2	8 5	18 41	1 9	14 36	1 15	22 14	1 13	17 36	0 20	6 19	1 6	2 54	16 50	12 59	13 27	14 55	14 14	7 17
W19	1 48	27 2	3 50	5 36	0 23	12 59	8 10	18 32	1 9	14 37	1 15	22 14	1 13	17 36	0 20	6 20	1 6	2 54	16 51	12 59	13 26	14 52	14 15	7 16
T 20	1 25	27 53	4 33	6 18	0 30	12 55	8 15	18 22	1 10	14 39	1 15	22 14	1 13	17 35	0 20	6 20	1 6	2 55	16 51	12 59	13 25	14 49	14 16	7 16
F 21	1 1	27 1	5 1	7 0	0 38	12 49	8 19	18 12	1 10	14 41	1 14	22 14	1 13	17 35	0 20	6 21	1 6	2 55	16 51	12 58	13 24	14 47	14 16	7 15
S 22	0 38	24 21	5 11	7 41	0 45	12 42	8 22	18 2	1 11	14 43	1 14	22 14	1 13	17 35	0 20	6 22	1 6	2 56	16 51	12 57	13 22	14 44	14 17	7 15
S 23	0 15	20 2	5 2	8 21	0 53	12 34	8 25	17 52	1 11	14 44	1 14	22 14	1 13	17 34	0 20	6 22	1 6	2 56	16 51	12 55	13 21	14 41	14 17	7 14
M24	0s 9	14 24	4 31	9 1	1 0	12 24	8 27	17 42	1 12	14 46	1 14	22 14	1 13	17 34	0 20	6 23	1 6	2 57	16 51	12 54	13 20	14 38	14 18	7 14
T 25	0 32	7 51	3 42	9 41	1 8	12 12	8 28	17 32	1 13	14 47	1 14	22 14	1 13	17 34	0 20	6 24	1 6	2 57	16 52	12 52	13 19	14 35	14 19	7 13
W26	0 56	0 53	2 37	10 19	1 15	11 59	8 28	17 21	1 13	14 49	1 14	22 14	1 13	17 33	0 20	6 24	1 6	2 58	16 52	12 51	13 18	14 32	14 19	7 13
T 27	1 19	6n 4	1 22	10 57	1 23	11 45	8 27	17 11	1 14	14 50	1 14	22 14	1 14	17 33	0 20	6 25	1 6	2 58	16 52	12 50	13 17	14 30	14 20	7 12
F 28	1 42	12 33	0 4	11 34	1 30	11 30	8 25	17 0	1 14	14 52	1 14	22 14	1 14	17 33	0 20	6 25	1 6	2 59	16 52	12 50	13 16	14 27	14 20	7 12
S 29	2 6	18 13	1n13	12 10	1 37	11 13	8 22	16 50	1 15	14 53	1 14	22 14	1 14	17 32	0 20	6 26	1 6	2 59	16 52	12 50	13 15	14 24	14 21	7 11
S 30	2s29	22n44	2n24	12s46	1s45	10s55	8s19	16n39	1n16	14s54	1s14	22n14	1s14	17n32	0s20	6s27	1s 6	2s59	16s52	12n51	13n14	14n21	14s21	7n10

Julian Day Number = 2398827.5, Delta T = 10.23 sec
Ecliptic obliquity = 23°27'37, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°43'29, Lahiri = 21°50'30

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ASTRODIENST EPHEMERIS for the year 1855
geocentric

OCTOBER 1855 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 36 39	7♎14'29	14♊19	0♏19	7°R41	18♌36	23°R19	29♊55	20°R20	16°R14	4°R11	3♉58	5♉ 3	3♍51	23°D24	M 1
T 2	0 40 36	8°13'33	27° 9	1°37	7♎ 4	19°13	23♒15	29°56	20♉19	16♓12	4♉10	3°59	5° 0	3°58	23♏24	T 2
W 3	0 44 32	9°12'39	9♋39	2°53	6°27	19°49	23°12	29°57	20°17	16°11	4° 9	4°R 0	4°57	4° 5	23°24	W 3
T 4	0 48 29	10°11'47	21°52	4° 8	5°51	20°25	23° 9	29°59	20°15	16° 9	4° 8	3°59	4°53	4°11	23°24	T 4
F 5	0 52 25	11°10'58	3♌54	5°21	5°15	21° 2	23° 6	29°59	20°14	16° 8	4° 7	3°57	4°50	4°18	23°24	F 5
S 6	0 56 22	12°10'10	15°49	6°33	4°40	21°38	23° 3	0♋ 0	20°12	16° 6	4° 6	3°55	4°47	4°25	23°24	S 6
S 7	1 0 19	13° 9'25	27°40	7°43	4° 6	22°14	23° 0	0° 1	20°10	16° 5	4° 5	3°52	4°44	4°31	23°25	S 7
M 8	1 4 15	14° 8'43	9♍31	8°51	3°34	22°50	22°58	0° 2	20° 8	16° 3	4° 4	3°48	4°41	4°38	23°25	M 8
T 9	1 8 12	15° 8'02	21°25	9°57	3° 3	23°26	22°56	0° 2	20° 6	16° 2	4° 2	3°45	4°37	4°45	23°26	T 9
W10	1 12 8	16° 7'23	3♎25	11° 1	2°33	24° 2	22°54	0° 2	20° 4	16° 1	4° 1	3°43	4°34	4°52	23°27	W10
T 11	1 16 5	17° 6'47	15°31	12° 2	2° 6	24°38	22°52	0° 3	20° 3	15°59	4° 0	3°41	4°31	4°58	23°27	T 11
F 12	1 20 1	18° 6'13	27°47	13° 1	1°40	25°14	22°50	0° 3	20° 1	15°58	3°59	3°D40	4°28	5° 5	23°28	F 12
S 13	1 23 58	19° 5'40	10♏13	13°57	1°17	25°50	22°49	0°R 3	19°58	15°57	3°58	3°40	4°25	5°12	23°29	S 13
S 14	1 27 54	20° 5'10	22°50	14°50	0°55	26°26	22°48	0° 3	19°56	15°55	3°57	3°41	4°22	5°18	23°30	S 14
M15	1 31 51	21° 4'42	5♐40	15°39	0°36	27° 1	22°47	0° 3	19°54	15°54	3°56	3°42	4°18	5°25	23°31	M15
T 16	1 35 47	22° 4'15	18°44	16°25	0°19	27°37	22°46	0° 2	19°52	15°53	3°55	3°43	4°15	5°32	23°32	T 16
W17	1 39 44	23° 3'50	2♑ 4	17° 6	0° 5	28°13	22°45	0° 2	19°50	15°52	3°54	3°44	4°12	5°38	23°33	W17
T 18	1 43 41	24° 3'27	15°41	17°43	29♍53	28°48	22°45	0° 1	19°48	15°50	3°53	3°44	4° 9	5°45	23°34	T 18
F 19	1 47 37	25° 3'06	29°35	18°15	29°43	29°23	22°D45	0° 1	19°46	15°49	3°52	3°R44	4° 6	5°52	23°36	F 19
S 20	1 51 34	26° 2'47	13♒45	18°41	29°36	29°59	22°45	0° 0	19°44	15°48	3°50	3°44	4° 2	5°59	23°37	S 20
S 21	1 55 30	27° 2'29	28°11	19° 1	29°32	0♍34	22°45	29♊59	19°41	15°47	3°49	3°43	3°59	6° 5	23°38	S 21
M22	1 59 27	28° 2'12	12♓48	19°15	29°D29	1° 9	22°45	29°58	19°39	15°46	3°48	3°43	3°56	6°12	23°40	M22
T 23	2 3 23	29° 1'58	27°31	19°R21	29°29	1°44	22°46	29°57	19°37	15°45	3°47	3°42	3°53	6°19	23°41	T 23
W24	2 7 20	0♏ 1'45	12♈14	19°19	29°32	2°19	22°47	29°56	19°35	15°43	3°46	3°42	3°50	6°25	23°43	W24
T 25	2 11 16	1° 1'34	26°51	19° 9	29°37	2°54	22°48	29°55	19°32	15°42	3°45	3°42	3°47	6°32	23°45	T 25
F 26	2 15 13	2° 1'25	11♉13	18°50	29°44	3°29	22°49	29°53	19°30	15°41	3°44	3°D42	3°43	6°39	23°47	F 26
S 27	2 19 10	3° 1'18	25°17	18°22	29°54	4° 4	22°51	29°52	19°28	15°40	3°43	3°42	3°40	6°45	23°49	S 27
S 28	2 23 6	4° 1'13	8♊59	17°45	0♎ 5	4°38	22°52	29°50	19°25	15°39	3°41	3°R42	3°37	6°52	23°50	S 28
M29	2 27 3	5° 1'11	22°17	16°58	0°19	5°13	22°54	29°49	19°23	15°38	3°40	3°42	3°34	6°59	23°52	M29
T 30	2 30 59	6° 1'10	5♋12	16° 3	0°35	5°48	22°56	29°47	19°20	15°38	3°39	3°41	3°31	7° 6	23°55	T 30
W31	2 34 56	7♏ 1'12	17♋46	14♏59	0♎53	6♍22	22♒58	29♊45	19♉18	15♓37	3♉38	3♉41	3♉28	7♍12	23♑57	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2s53	25n55	3n24	13s20	1s52	10s36	8s14	16n28	1n16	14s55	1s14	22n14	1s14	17n31	0s20	6s27	1s 6	3s 0	16s53	12n51	13n13	14n18	14s22	7n10
T 2	3 16	27 38	4 12	13 54	1 59	10 17	8 9	16 17	1 17	14 56	1 14	22 14	1 14	17 31	0 20	6 28	1 6	3 0	16 53	12 52	13 12	14 15	14 22	7 9
W 3	3 39	27 52	4 47	14 27	2 5	9 56	8 2	16 6	1 17	14 57	1 13	22 14	1 14	17 30	0 20	6 28	1 6	3 1	16 53	12 52	13 11	14 12	14 23	7 9
T 4	4 2	26 44	5 7	14 59	2 12	9 35	7 55	15 55	1 18	14 58	1 13	22 14	1 14	17 30	0 20	6 29	1 6	3 1	16 53	12 51	13 10	14 10	14 23	7 8
F 5	4 26	24 23	5 14	15 29	2 18	9 14	7 47	15 44	1 19	14 59	1 13	22 14	1 14	17 29	0 20	6 29	1 6	3 2	16 53	12 51	13 9	14 7	14 24	7 8
S 6	4 49	21 0	5 8	15 59	2 25	8 52	7 38	15 33	1 19	15 0	1 13	22 14	1 14	17 29	0 20	6 30	1 6	3 2	16 53	12 50	13 8	14 4	14 24	7 7
S 7	5 12	16 48	4 48	16 28	2 31	8 30	7 29	15 22	1 20	15 1	1 13	22 14	1 14	17 28	0 20	6 31	1 6	3 3	16 53	12 49	13 7	14 1	14 25	7 7
M 8	5 35	11 57	4 16	16 56	2 36	8 7	7 19	15 11	1 20	15 1	1 13	22 14	1 14	17 28	0 20	6 31	1 6	3 3	16 53	12 48	13 5	13 58	14 25	7 6
T 9	5 58	6 39	3 32	17 22	2 42	7 45	7 8	14 59	1 21	15 2	1 13	22 14	1 14	17 27	0 20	6 32	1 6	3 3	16 54	12 47	13 4	13 55	14 26	7 6
W10	6 21	1 5	2 39	17 47	2 47	7 23	6 56	14 48	1 21	15 2	1 13	22 13	1 14	17 27	0 20	6 32	1 6	3 4	16 54	12 46	13 3	13 52	14 26	7 5
T 11	6 44	4s36	1 39	18 11	2 51	7 1	6 44	14 37	1 22	15 3	1 12	22 13	1 14	17 26	0 20	6 33	1 6	3 4	16 54	12 45	13 2	13 49	14 27	7 5
F 12	7 6	10 11	0 32	18 33	2 56	6 39	6 32	14 25	1 23	15 3	1 12	22 13	1 14	17 26	0 20	6 33	1 6	3 5	16 54	12 45	13 1	13 46	14 27	7 4
S 13	7 29	15 28	0s36	18 54	3 0	6 18	6 19	14 13	1 23	15 4	1 12	22 13	1 14	17 25	0 20	6 34	1 6	3 5	16 54	12 45	13 0	13 44	14 27	7 4
S 14	7 51	20 10	1 44	19 13	3 3	5 58	6 6	14 2	1 24	15 4	1 12	22 13	1 14	17 25	0 20	6 34	1 6	3 6	16 54	12 45	12 59	13 41	14 28	7 3
M15	8 14	24 2	2 48	19 30	3 6	5 38	5 52	13 50	1 24	15 4	1 12	22 13	1 14	17 24	0 20	6 35	1 6	3 6	16 54	12 46	12 58	13 38	14 28	7 2
T 16	8 36	26 43	3 44	19 46	3 8	5 18	5 39	13 38	1 25	15 4	1 12	22 13	1 14	17 24	0 20	6 35	1 6	3 6	16 54	12 46	12 57	13 35	14 28	7 2
W17	8 58	27 57	4 30	19 59	3 10	5 0	5 25	13 27	1 26	15 4	1 12	22 13	1 14	17 23	0 20	6 36	1 6	3 7	16 54	12 46	12 56	13 32	14 29	7 1
T 18	9 20	27 31	5 1	20 11	3 11	4 42	5 11	13 15	1 26	15 4	1 11	22 13	1 15	17 23	0 20	6 36	1 6	3 7	16 54	12 46	12 55	13 29	14 29	7 1
F 19	9 42	25 24	5 16	20 20	3 11	4 26	4 57	13 3	1 27	15 4	1 11	22 13	1 15	17 22	0 20	6 37	1 6	3 8	16 54	12 46	12 54	13 26	14 29	7 0
S 20	10 4	21 41	5 12	20 26	3 10	4 10	4 43	12 51	1 27	15 4	1 11	22 13	1 15	17 21	0 20	6 37	1 6	3 8	16 54	12 46	12 53	13 23	14 30	7 0
S 21	10 26	16 37	4 49	20 30	3 8	3 55	4 29	12 39	1 28	15 4	1 11	22 13	1 15	17 21	0 20	6 37	1 6	3 8	16 54	12 46	12 52	13 20	14 30	6 59
M22	10 47	10 33	4 6	20 31	3 5	3 41	4 15	12 27	1 29	15 4	1 11	22 13	1 15	17 20	0 20	6 38	1 6	3 9	16 54	12 46	12 50	13 17	14 30	6 59
T 23	11 8	3 51	3 7	20 28	3 0	3 29	4 1	12 15	1 29	15 3	1 11	22 13	1 15	17 20	0 20	6 38	1 6	3 9	16 54	12 46	12 49	13 14	14 31	6 58
W24	11 30	3n 3	1 56	20 22	2 55	3 17	3 47	12 3	1 30	15 3	1 11	22 13	1 15	17 19	0 20	6 39	1 6	3 9	16 54	12 46	12 48	13 11	14 31	6 58
T 25	11 50	9 46	0 38	20 13	2 48	3 6	3 33	11 51	1 30	15 2	1 10	22 13	1 15	17 18	0 20	6 39	1 6	3 10	16 54	12 46	12 47	13 8	14 31	6 57
F 26	12 11	15 52	0n42	19 59	2 39	2 57	3 20	11 39	1 31	15 2	1 10	22 13	1 15	17 18	0 20	6 39	1 6	3 10	16 54	12 46	12 46	13 5	14 31	6 57
S 27	12 32	21 0	1 57	19 41	2 29	2 48	3 6	11 27	1 32	15 1	1 10	22 13	1 15	17 17	0 20	6 40	1 6	3 10	16 54	12 46	12 45	13 3	14 31	6 56
S 28	12 52	24 50	3 4	19 19	2 17	2 41	2 53	11 15	1 32	15 0	1 10	22 13	1 15	17 16	0 20	6 40	1 6	3 11	16 54	12 46	12 44	13 0	14 32	6 56
M29	13 12	27 12	3 58	18 53	2 3	2 34	2 40	11 3	1 33	15 0	1 10	22 13	1 15	17 16	0 20	6 40	1 6	3 11	16 54	12 46	12 43	12 57	14 32	6 55
T 30	13 32	28 0	4 39	18 22	1 48	2 29	2 27	10 51	1 33	14 59	1 10	22 13	1 15	17 15	0 20	6 41	1 6	3 11	16 54	12 45	12 42	12 54	14 32	6 55
W31	13s52	27n19	5n 5	17s47	1s30	2s25	2s15	10n38	1n34	14s58	1s10	22n13	1s15	17n14	0s20	6s41	1s 6	3s12	16s54	12n45	12n41	12n51	14s32	6n54

Julian Day Number = 2398857.5, Delta T = 10.21 sec
Ecliptic obliquity = 23°27'37, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°43'33, Lahiri = 21°50'34

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ASTRODIENST EPHEMERIS for the year 1855
geocentric

NOVEMBER 1855 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 38 52	8♏ 1'15	0♌ 2	13°R49	1♎13	6♍57	23♒ 1	29°R43	19°R16	15°R36	3°R37	3°R41	3♉24	7♍19	23♑59	T 1
F 2	2 42 49	9° 1'21	12° 6	12♏34	1°35	7°31	23° 3	29♊41	19♉13	15♓35	3♉36	3°D41	3°21	7°26	24° 1	F 2
S 3	2 46 46	10° 1'29	24° 1	11°16	1°59	8° 5	23° 6	29°38	19°11	15°34	3°35	3♉41	3°18	7°32	24° 4	S 3
S 4	2 50 42	11° 1'39	5♍52	9°58	2°24	8°39	23° 9	29°36	19° 8	15°33	3°34	3°41	3°15	7°39	24° 6	S 4
M 5	2 54 39	12° 1'51	17°44	8°41	2°51	9°13	23°12	29°34	19° 6	15°33	3°32	3°42	3°12	7°46	24° 8	M 5
T 6	2 58 35	13° 2'05	29°40	7°29	3°20	9°47	23°16	29°31	19° 3	15°32	3°31	3°43	3° 8	7°52	24°11	T 6
W 7	3 2 32	14° 2'21	11♎45	6°23	3°51	10°21	23°19	29°28	19° 1	15°31	3°30	3°44	3° 5	7°59	24°14	W 7
T 8	3 6 28	15° 2'39	24° 2	5°26	4°23	10°55	23°23	29°26	18°58	15°31	3°29	3°45	3° 2	8° 6	24°16	T 8
F 9	3 10 25	16° 2'58	6♏31	4°39	4°56	11°29	23°27	29°23	18°56	15°30	3°28	3°R45	2°59	8°13	24°19	F 9
S 10	3 14 21	17° 3'20	19°16	4° 3	5°31	12° 2	23°31	29°20	18°53	15°29	3°27	3°45	2°56	8°19	24°22	S 10
S 11	3 18 18	18° 3'43	2♐15	3°38	6° 7	12°36	23°36	29°17	18°51	15°29	3°26	3°43	2°53	8°26	24°25	S 11
M12	3 22 14	19° 4'08	15°29	3°25	6°45	13° 9	23°40	29°14	18°48	15°28	3°25	3°41	2°49	8°33	24°28	M12
T 13	3 26 11	20° 4'34	28°56	3°D24	7°24	13°42	23°45	29°11	18°46	15°28	3°24	3°39	2°46	8°39	24°31	T 13
W14	3 30 8	21° 5'02	12♑36	3°34	8° 4	14°16	23°50	29° 7	18°43	15°27	3°23	3°37	2°43	8°46	24°34	W14
T 15	3 34 4	22° 5'31	26°26	3°54	8°45	14°49	23°55	29° 4	18°41	15°27	3°21	3°35	2°40	8°53	24°37	T 15
F 16	3 38 1	23° 6'02	10♒25	4°23	9°28	15°22	24° 0	29° 1	18°38	15°27	3°20	3°33	2°37	8°59	24°40	F 16
S 17	3 41 57	24° 6'34	24°31	5° 0	10°11	15°55	24° 5	28°57	18°36	15°26	3°19	3°D33	2°34	9° 6	24°43	S 17
S 18	3 45 54	25° 7'07	8♓43	5°45	10°56	16°27	24°11	28°53	18°33	15°26	3°18	3°33	2°30	9°13	24°47	S 18
M19	3 49 50	26° 7'41	22°57	6°37	11°41	17° 0	24°17	28°50	18°31	15°26	3°17	3°35	2°27	9°20	24°50	M19
T 20	3 53 47	27° 8'16	7♈13	7°35	12°28	17°33	24°23	28°46	18°28	15°25	3°16	3°36	2°24	9°26	24°53	T 20
W21	3 57 44	28° 8'52	21°27	8°38	13°15	18° 5	24°29	28°42	18°26	15°25	3°15	3°37	2°21	9°33	24°57	W21
T 22	4 1 40	29° 9'30	5♉36	9°45	14° 4	18°37	24°35	28°38	18°24	15°25	3°14	3°R38	2°18	9°40	25° 0	T 22
F 23	4 5 37	0♐10'09	19°35	10°57	14°53	19°10	24°42	28°34	18°21	15°25	3°13	3°37	2°14	9°46	25° 4	F 23
S 24	4 9 33	1°10'50	3♊22	12°11	15°43	19°42	24°48	28°30	18°19	15°25	3°12	3°34	2°11	9°53	25° 7	S 24
S 25	4 13 30	2°11'31	16°53	13°28	16°34	20°14	24°55	28°26	18°16	15°24	3°11	3°31	2° 8	10° 0	25°11	S 25
M26	4 17 26	3°12'15	0♋ 5	14°48	17°25	20°45	25° 2	28°22	18°14	15°24	3°10	3°26	2° 5	10° 6	25°15	M26
T 27	4 21 23	4°12'59	12°58	16°10	18°18	21°17	25° 9	28°18	18°12	15°D24	3° 9	3°21	2° 2	10°13	25°19	T 27
W28	4 25 19	5°13'46	25°33	17°33	19°11	21°49	25°16	28°13	18° 9	15°24	3° 8	3°16	1°59	10°20	25°22	W28
T 29	4 29 16	6°14'33	7♌51	18°58	20° 5	22°20	25°24	28° 9	18° 7	15°24	3° 8	3°11	1°55	10°27	25°26	T 29
F 30	4 33 13	7♐15'22	19♌56	20♏25	20♎59	22♍52	25♒31	28♊ 4	18♉ 4	15♓24	3♉ 7	3♉ 8	1♉52	10♍33	25♑30	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s12	25n19	5n17	17s 9	1s12	2s22	2s 3	10n26	1n35	14s57	1s 9	22n13	1s15	17n14	0s20	6s41	1s 6	3s12	16s54	12n45	12n40	12n48	14s32	6n54
F 2	14 31	22 12	5 14	16 27	0 52	2 19	1 51	10 14	1 35	14 56	1 9	22 13	1 15	17 13	0 20	6 42	1 6	3 12	16 54	12 45	12 39	12 45	14 32	6 53
S 3	14 50	18 12	4 57	15 44	0 32	2 18	1 39	10 2	1 36	14 55	1 9	22 13	1 15	17 12	0 20	6 42	1 6	3 13	16 54	12 45	12 38	12 42	14 32	6 53
S 4	15 9	13 32	4 29	15 0	0 11	2 18	1 27	9 49	1 37	14 54	1 9	22 13	1 15	17 12	0 20	6 42	1 6	3 13	16 54	12 46	12 36	12 39	14 32	6 52
M 5	15 28	8 21	3 48	14 16	0n 9	2 18	1 16	9 37	1 37	14 53	1 9	22 13	1 15	17 11	0 20	6 43	1 6	3 13	16 54	12 46	12 35	12 36	14 33	6 52
T 6	15 46	2 51	2 58	13 33	0 29	2 20	1 5	9 25	1 38	14 51	1 9	22 13	1 15	17 10	0 20	6 43	1 6	3 14	16 54	12 46	12 34	12 33	14 33	6 51
W 7	16 4	2s50	1 59	12 54	0 48	2 22	0 55	9 13	1 38	14 50	1 8	22 12	1 15	17 10	0 20	6 43	1 5	3 14	16 54	12 46	12 33	12 30	14 33	6 51
T 8	16 22	8 30	0 54	12 18	1 6	2 25	0 44	9 0	1 39	14 49	1 8	22 12	1 15	17 9	0 20	6 43	1 5	3 14	16 54	12 47	12 32	12 27	14 33	6 50
F 9	16 39	13 57	0s15	11 48	1 22	2 29	0 34	8 48	1 40	14 47	1 8	22 12	1 15	17 8	0 20	6 44	1 5	3 14	16 54	12 47	12 31	12 24	14 33	6 50
S 10	16 57	18 55	1 25	11 22	1 36	2 34	0 25	8 36	1 40	14 46	1 8	22 12	1 15	17 8	0 20	6 44	1 5	3 15	16 54	12 47	12 30	12 21	14 33	6 49
S 11	17 14	23 6	2 31	11 2	1 48	2 40	0 15	8 24	1 41	14 44	1 8	22 12	1 15	17 7	0 20	6 44	1 5	3 15	16 54	12 46	12 29	12 18	14 33	6 49
M12	17 30	26 9	3 31	10 48	1 59	2 46	0 6	8 11	1 42	14 42	1 8	22 12	1 15	17 6	0 20	6 44	1 5	3 15	16 53	12 45	12 28	12 15	14 32	6 48
T 13	17 47	27 47	4 19	10 40	2 7	2 53	0n 3	7 59	1 42	14 41	1 8	22 12	1 15	17 6	0 20	6 44	1 5	3 15	16 53	12 45	12 27	12 12	14 32	6 48
W14	18 3	27 45	4 54	10 37	2 14	3 1	0 12	7 47	1 43	14 39	1 7	22 12	1 15	17 5	0 20	6 44	1 5	3 16	16 53	12 44	12 26	12 9	14 32	6 48
T 15	18 18	26 0	5 13	10 39	2 19	3 10	0 20	7 35	1 43	14 37	1 7	22 12	1 15	17 4	0 20	6 45	1 5	3 16	16 53	12 43	12 24	12 6	14 32	6 47
F 16	18 34	22 39	5 13	10 46	2 22	3 19	0 29	7 22	1 44	14 35	1 7	22 12	1 15	17 4	0 20	6 45	1 5	3 16	16 53	12 43	12 23	12 3	14 32	6 47
S 17	18 49	17 59	4 54	10 56	2 24	3 29	0 37	7 10	1 45	14 33	1 7	22 12	1 15	17 3	0 20	6 45	1 5	3 16	16 53	12 43	12 22	12 0	14 32	6 46
S 18	19 4	12 18	4 18	11 11	2 24	3 39	0 44	6 58	1 45	14 31	1 7	22 12	1 15	17 2	0 20	6 45	1 5	3 17	16 53	12 43	12 21	11 57	14 32	6 46
M19	19 18	5 56	3 25	11 28	2 24	3 50	0 52	6 46	1 46	14 29	1 7	22 12	1 15	17 2	0 20	6 45	1 5	3 17	16 52	12 43	12 20	11 54	14 32	6 45
T 20	19 32	0n43	2 20	11 49	2 22	4 2	0 59	6 34	1 47	14 27	1 7	22 12	1 15	17 1	0 20	6 45	1 5	3 17	16 52	12 44	12 19	11 51	14 32	6 45
W21	19 46	7 21	1 6	12 11	2 20	4 14	1 6	6 22	1 47	14 25	1 6	22 12	1 15	17 0	0 20	6 45	1 5	3 17	16 52	12 44	12 18	11 48	14 31	6 45
T 22	19 59	13 34	0n11	12 35	2 17	4 26	1 12	6 10	1 48	14 23	1 6	22 12	1 15	17 0	0 20	6 45	1 5	3 17	16 52	12 44	12 17	11 45	14 31	6 44
F 23	20 12	19 2	1 27	13 1	2 13	4 39	1 19	5 58	1 49	14 20	1 6	22 12	1 15	16 59	0 20	6 45	1 5	3 17	16 52	12 44	12 16	11 41	14 31	6 44
S 24	20 25	23 24	2 36	13 28	2 8	4 53	1 25	5 46	1 49	14 18	1 6	22 12	1 15	16 58	0 20	6 45	1 5	3 18	16 52	12 43	12 15	11 38	14 31	6 43
S 25	20 37	26 23	3 35	13 56	2 3	5 7	1 31	5 34	1 50	14 16	1 6	22 12	1 15	16 58	0 20	6 45	1 5	3 18	16 51	12 42	12 14	11 35	14 30	6 43
M26	20 49	27 49	4 21	14 25	1 58	5 21	1 37	5 22	1 51	14 13	1 6	22 12	1 15	16 57	0 20	6 45	1 5	3 18	16 51	12 40	12 12	11 32	14 30	6 43
T 27	21 0	27 41	4 53	14 54	1 52	5 36	1 42	5 10	1 51	14 11	1 6	22 12	1 15	16 56	0 20	6 45	1 5	3 18	16 51	12 38	12 11	11 29	14 30	6 42
W28	21 11	26 7	5 9	15 24	1 46	5 51	1 47	4 58	1 52	14 8	1 5	22 12	1 15	16 56	0 20	6 45	1 5	3 18	16 51	12 37	12 10	11 26	14 30	6 42
T 29	21 22	23 19	5 11	15 53	1 39	6 7	1 53	4 46	1 53	14 5	1 5	22 12	1 15	16 55	0 20	6 45	1 5	3 18	16 51	12 35	12 9	11 23	14 29	6 42
F 30	21s32	19n34	4n59	16s23	1n33	6s23	1n57	4n34	1n53	14s 3	1s 5	22n12	1s15	16n55	0s20	6s45	1s 5	3s18	16s50	12n34	12n 8	11n20	14s29	6n41

Julian Day Number = 2398888.5, Delta T = 10.19 sec
Ecliptic obliquity = 23°27'37, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°43'38, Lahiri = 21°50'38

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ASTRODIENST EPHEMERIS for the year 1855
geocentric

DECEMBER 1855 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 37 9	8♐16'12	1♍52	21♏52	21♎55	23♍23	25♒39	28°R 0	18°R 2	15♓25	3°R 6	3°R 6	1♉49	10♍40	25♑34	S 1
S 2	4 41 6	9°17'04	13°43	23°20	22°50	23°54	25°47	27♊55	18♉ 0	15°25	3♉ 5	3°D 6	1°46	10°47	25°38	S 2
M 3	4 45 2	10°17'57	25°34	24°49	23°47	24°25	25°55	27°51	17°58	15°25	3° 4	3♉ 7	1°43	10°53	25°42	M 3
T 4	4 48 59	11°18'51	7♎31	26°18	24°44	24°56	26° 3	27°46	17°55	15°25	3° 3	3° 9	1°40	11° 0	25°46	T 4
W 5	4 52 55	12°19'47	19°38	27°48	25°41	25°26	26°12	27°42	17°53	15°25	3° 2	3°10	1°36	11° 7	25°51	W 5
T 6	4 56 52	13°20'44	2♏ 0	29°19	26°39	25°57	26°20	27°37	17°51	15°26	3° 1	3°R11	1°33	11°13	25°55	T 6
F 7	5 0 48	14°21'42	14°39	0♐50	27°38	26°27	26°29	27°32	17°49	15°26	3° 1	3°11	1°30	11°20	25°59	F 7
S 8	5 4 45	15°22'42	27°39	2°21	28°37	26°58	26°37	27°27	17°47	15°26	3° 0	3° 8	1°27	11°27	26° 3	S 8
S 9	5 8 42	16°23'42	11♐ 0	3°53	29°37	27°28	26°46	27°22	17°45	15°27	2°59	3° 3	1°24	11°33	26° 8	S 9
M10	5 12 38	17°24'43	24°40	5°24	0♏37	27°58	26°55	27°18	17°42	15°27	2°58	2°57	1°20	11°40	26°12	M10
T 11	5 16 35	18°25'45	8♑36	6°56	1°37	28°27	27° 4	27°13	17°40	15°28	2°57	2°49	1°17	11°47	26°16	T 11
W12	5 20 31	19°26'48	22°44	8°28	2°38	28°57	27°14	27° 8	17°38	15°28	2°57	2°41	1°14	11°54	26°21	W12
T 13	5 24 28	20°27'52	7♒ 0	10° 1	3°39	29°26	27°23	27° 3	17°36	15°29	2°56	2°34	1°11	12° 0	26°25	T 13
F 14	5 28 24	21°28'56	21°17	11°33	4°41	29°55	27°33	26°58	17°34	15°29	2°55	2°28	1° 8	12° 7	26°30	F 14
S 15	5 32 21	22°30'00	5♓33	13° 6	5°43	0♎25	27°42	26°53	17°33	15°30	2°55	2°25	1° 5	12°14	26°34	S 15
S 16	5 36 17	23°31'04	19°44	14°39	6°46	0°53	27°52	26°48	17°31	15°30	2°54	2°D23	1° 1	12°20	26°39	S 16
M17	5 40 14	24°32'09	3♈48	16°12	7°48	1°22	28° 2	26°43	17°29	15°31	2°53	2°23	0°58	12°27	26°44	M17
T 18	5 44 11	25°33'14	17°45	17°45	8°52	1°51	28°12	26°38	17°27	15°32	2°53	2°24	0°55	12°34	26°48	T 18
W19	5 48 7	26°34'20	1♉34	19°18	9°55	2°19	28°22	26°33	17°25	15°33	2°52	2°R25	0°52	12°40	26°53	W19
T 20	5 52 4	27°35'25	15°15	20°51	10°59	2°47	28°33	26°28	17°23	15°33	2°51	2°24	0°49	12°47	26°58	T 20
F 21	5 56 0	28°36'31	28°47	22°25	12° 3	3°15	28°43	26°23	17°22	15°34	2°51	2°21	0°46	12°54	27° 2	F 21
S 22	5 59 57	29°37'38	12♊ 9	23°59	13° 7	3°43	28°54	26°18	17°20	15°35	2°50	2°15	0°42	13° 0	27° 7	S 22
S 23	6 3 53	0♑38'45	25°19	25°33	14°12	4°10	29° 4	26°13	17°18	15°36	2°50	2° 7	0°39	13° 7	27°12	S 23
M24	6 7 50	1°39'52	8♋17	27° 7	15°17	4°38	29°15	26° 9	17°17	15°37	2°49	1°57	0°36	13°14	27°17	M24
T 25	6 11 47	2°40'59	21° 0	28°41	16°23	5° 5	29°26	26° 4	17°15	15°38	2°49	1°45	0°33	13°20	27°22	T 25
W26	6 15 43	3°42'07	3♌28	0♑16	17°28	5°32	29°37	25°59	17°14	15°39	2°48	1°33	0°30	13°27	27°26	W26
T 27	6 19 40	4°43'15	15°44	1°51	18°34	5°58	29°48	25°54	17°12	15°40	2°48	1°23	0°26	13°34	27°31	T 27
F 28	6 23 36	5°44'24	27°47	3°26	19°40	6°25	29°59	25°49	17°11	15°41	2°47	1°14	0°23	13°41	27°36	F 28
S 29	6 27 33	6°45'33	9♍41	5° 2	20°46	6°51	0♓11	25°44	17°10	15°42	2°47	1° 8	0°20	13°47	27°41	S 29
S 30	6 31 29	7°46'42	21°31	6°38	21°53	7°17	0°22	25°39	17° 8	15°43	2°47	1° 4	0°17	13°54	27°46	S 30
M31	6 35 26	8♑47'51	3♎20	8♑14	23♏ 0	7♎43	0♓33	25♊35	17♉ 7	15♓44	2♉46	1♉ 2	0♉14	14♍ 1	27♑51	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s42	15n 5	4n34	16s52	1n26	6s39	2n 2	4n22	1n54	14s 0	1s 5	22n12	1s15	16n54	0s20	6s45	1s 5	3s18	16s50	12n33	12n 7	11n17	14s29	6n41
S 2	21 52	10 3	3 57	17 21	1 19	6 56	2 6	4 11	1 55	13 57	1 5	22 12	1 15	16 53	0 20	6 45	1 5	3 18	16 50	12 33	12 6	11 14	14 28	6 40
M 3	22 1	4 41	3 10	17 50	1 12	7 13	2 11	3 59	1 55	13 54	1 5	22 12	1 15	16 53	0 20	6 45	1 5	3 18	16 50	12 34	12 5	11 11	14 28	6 40
T 4	22 9	0s55	2 15	18 18	1 5	7 30	2 15	3 47	1 56	13 51	1 5	22 12	1 15	16 52	0 20	6 45	1 5	3 18	16 50	12 34	12 4	11 8	14 27	6 40
W 5	22 18	6 33	1 13	18 45	0 57	7 47	2 18	3 36	1 57	13 49	1 5	22 12	1 14	16 51	0 20	6 45	1 5	3 19	16 49	12 35	12 3	11 5	14 27	6 39
T 6	22 25	12 4	0 7	19 12	0 50	8 5	2 22	3 24	1 57	13 46	1 4	22 12	1 14	16 51	0 20	6 45	1 5	3 19	16 49	12 35	12 1	11 2	14 27	6 39
F 7	22 33	17 14	1s 2	19 39	0 43	8 23	2 25	3 13	1 58	13 42	1 4	22 12	1 14	16 50	0 20	6 44	1 5	3 19	16 49	12 35	12 0	10 59	14 26	6 39
S 8	22 39	21 45	2 9	20 4	0 35	8 41	2 28	3 2	1 59	13 39	1 4	22 12	1 14	16 50	0 20	6 44	1 5	3 19	16 49	12 34	11 59	10 55	14 26	6 39
S 9	22 46	25 15	3 10	20 29	0 28	8 59	2 31	2 50	2 0	13 36	1 4	22 12	1 14	16 49	0 20	6 44	1 5	3 19	16 48	12 32	11 58	10 52	14 25	6 38
M10	22 52	27 23	4 2	20 53	0 21	9 17	2 34	2 39	2 0	13 33	1 4	22 12	1 14	16 49	0 20	6 44	1 5	3 19	16 48	12 30	11 57	10 49	14 25	6 38
T 11	22 57	27 51	4 41	21 16	0 14	9 36	2 37	2 28	2 1	13 30	1 4	22 12	1 14	16 48	0 20	6 44	1 5	3 19	16 48	12 28	11 56	10 46	14 24	6 38
W12	23 2	26 31	5 3	21 38	0 7	9 54	2 39	2 17	2 2	13 26	1 4	22 12	1 14	16 47	0 20	6 43	1 5	3 19	16 48	12 25	11 55	10 43	14 24	6 37
T 13	23 7	23 29	5 6	21 59	0s 0	10 13	2 42	2 6	2 2	13 23	1 4	22 12	1 14	16 47	0 20	6 43	1 5	3 19	16 47	12 22	11 54	10 40	14 23	6 37
F 14	23 11	19 0	4 51	22 19	0 7	10 31	2 44	1 55	2 3	13 20	1 3	22 12	1 14	16 46	0 20	6 43	1 4	3 19	16 47	12 20	11 53	10 37	14 23	6 37
S 15	23 15	13 29	4 18	22 38	0 14	10 50	2 45	1 44	2 4	13 16	1 3	22 12	1 14	16 46	0 20	6 43	1 4	3 18	16 47	12 19	11 52	10 34	14 22	6 37
S 16	23 18	7 16	3 29	22 55	0 21	11 9	2 47	1 33	2 5	13 13	1 3	22 12	1 14	16 45	0 20	6 42	1 4	3 18	16 46	12 19	11 50	10 31	14 21	6 36
M17	23 21	0 45	2 28	23 12	0 28	11 28	2 49	1 22	2 5	13 9	1 3	22 12	1 14	16 45	0 20	6 42	1 4	3 18	16 46	12 19	11 49	10 28	14 21	6 36
T 18	23 23	5n46	1 18	23 28	0 34	11 47	2 50	1 12	2 6	13 6	1 3	22 12	1 13	16 44	0 20	6 42	1 4	3 18	16 46	12 19	11 48	10 24	14 20	6 36
W19	23 25	11 58	0 5	23 42	0 41	12 5	2 51	1 1	2 7	13 2	1 3	22 12	1 13	16 44	0 20	6 42	1 4	3 18	16 46	12 19	11 47	10 21	14 20	6 36
T 20	23 26	17 31	1n 8	23 55	0 47	12 24	2 53	0 51	2 7	12 58	1 3	22 12	1 13	16 43	0 20	6 41	1 4	3 18	16 45	12 19	11 46	10 18	14 19	6 35
F 21	23 27	22 7	2 16	24 7	0 53	12 43	2 53	0 40	2 8	12 55	1 3	22 11	1 13	16 43	0 20	6 41	1 4	3 18	16 45	12 18	11 45	10 15	14 18	6 35
S 22	23 28	25 30	3 16	24 18	0 59	13 1	2 54	0 30	2 9	12 51	1 3	22 11	1 13	16 42	0 20	6 41	1 4	3 18	16 45	12 16	11 44	10 12	14 18	6 35
S 23	23 27	27 26	4 4	24 28	1 4	13 20	2 55	0 20	2 10	12 47	1 2	22 11	1 13	16 42	0 20	6 40	1 4	3 18	16 44	12 13	11 43	10 9	14 17	6 35
M24	23 27	27 50	4 38	24 36	1 10	13 38	2 55	0 9	2 10	12 43	1 2	22 11	1 13	16 42	0 20	6 40	1 4	3 18	16 44	12 10	11 42	10 6	14 16	6 34
T 25	23 26	26 43	4 58	24 43	1 15	13 57	2 56	0s 1	2 11	12 39	1 2	22 11	1 13	16 41	0 20	6 39	1 4	3 18	16 44	12 6	11 40	10 2	14 15	6 34
W26	23 24	24 18	5 3	24 48	1 21	14 15	2 56	0 11	2 12	12 35	1 2	22 11	1 13	16 41	0 20	6 39	1 4	3 17	16 43	12 2	11 39	9 59	14 15	6 34
T 27	23 23	20 48	4 54	24 52	1 26	14 33	2 56	0 21	2 13	12 31	1 2	22 11	1 13	16 40	0 20	6 39	1 4	3 17	16 43	11 58	11 38	9 56	14 14	6 34
F 28	23 20	16 30	4 32	24 55	1 30	14 51	2 56	0 30	2 14	12 27	1 2	22 11	1 12	16 40	0 20	6 38	1 4	3 17	16 43	11 55	11 37	9 53	14 13	6 34
S 29	23 17	11 37	3 58	24 57	1 35	15 8	2 55	0 40	2 14	12 23	1 2	22 11	1 12	16 40	0 19	6 38	1 4	3 17	16 42	11 53	11 36	9 50	14 12	6 34
S 30	23 14	6 20	3 14	24 57	1 39	15 26	2 55	0 49	2 15	12 19	1 2	22 11	1 12	16 39	0 19	6 37	1 4	3 17	16 42	11 51	11 35	9 47	14 12	6 33
M31	23s10	0n50	2n22	24s55	1s43	15s43	2n55	0s59	2n16	12s15	1s 2	22n11	1s12	16n39	0s19	6s37	1s 4	3s17	16s42	11n51	11n34	9n44	14s11	6n33

Julian Day Number = 2398918.5, Delta T = 10.17 sec
Ecliptic obliquity = 23°27'36, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°43'42, Lahiri = 21°50'42

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ASTRODIENST EPHEMERIS for the year 1856
geocentric

JANUARY 1856 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 39 22	9♑49'01	15♎15	9♑50	24♏ 7	8♎ 8	0♓45	25°R30	17°R 6	15♓45	2°R46	1°D 2	0♉11	14♍ 7	27♑56	T 1
W 2	6 43 19	10°50'11	27°20	11°27	25°14	8°34	0°57	25♊25	17♉ 4	15°46	2♉45	1°R 3	0° 7	14°14	28° 1	W 2
T 3	6 47 16	11°51'22	9♏42	13° 5	26°22	8°59	1° 8	25°20	17° 3	15°47	2°45	1♉ 2	0° 4	14°21	28° 6	T 3
F 4	6 51 12	12°52'33	22°24	14°42	27°29	9°23	1°20	25°16	17° 2	15°49	2°45	1° 0	0° 1	14°27	28°11	F 4
S 5	6 55 9	13°53'44	5♐30	16°20	28°37	9°48	1°32	25°11	17° 1	15°50	2°45	0°56	29♈58	14°34	28°16	S 5
S 6	6 59 5	14°54'55	19° 3	17°59	29°45	10°12	1°44	25° 7	17° 0	15°51	2°44	0°49	29°55	14°41	28°21	S 6
M 7	7 3 2	15°56'06	3♑ 1	19°37	0♐53	10°36	1°56	25° 2	16°59	15°53	2°44	0°39	29°52	14°47	28°26	M 7
T 8	7 6 58	16°57'17	17°21	21°17	2° 2	11° 0	2° 9	24°58	16°58	15°54	2°44	0°27	29°48	14°54	28°31	T 8
W 9	7 10 55	17°58'28	1♒57	22°56	3°10	11°23	2°21	24°53	16°57	15°55	2°44	0°15	29°45	15° 1	28°37	W 9
T 10	7 14 51	18°59'38	16°42	24°36	4°19	11°46	2°33	24°49	16°57	15°57	2°44	0° 4	29°42	15° 7	28°42	T 10
F 11	7 18 48	20° 0'48	1♓26	26°16	5°28	12° 9	2°46	24°45	16°56	15°58	2°43	29♈55	29°39	15°14	28°47	F 11
S 12	7 22 45	21° 1'57	16° 3	27°57	6°37	12°31	2°58	24°41	16°55	16° 0	2°43	29°48	29°36	15°21	28°52	S 12
S 13	7 26 41	22° 3'05	0♈28	29°38	7°46	12°53	3°11	24°37	16°54	16° 1	2°43	29°45	29°32	15°28	28°57	S 13
M14	7 30 38	23° 4'13	14°37	1♒19	8°55	13°15	3°24	24°33	16°54	16° 3	2°43	29°43	29°29	15°34	29° 2	M14
T 15	7 34 34	24° 5'20	28°30	3° 1	10° 5	13°36	3°36	24°29	16°53	16° 4	2°43	29°43	29°26	15°41	29° 7	T 15
W16	7 38 31	25° 6'26	12♉ 7	4°42	11°14	13°57	3°49	24°25	16°53	16° 6	2°43	29°43	29°23	15°48	29°13	W16
T 17	7 42 27	26° 7'31	25°31	6°24	12°24	14°18	4° 2	24°21	16°52	16° 7	2°D43	29°41	29°20	15°54	29°18	T 17
F 18	7 46 24	27° 8'36	8♊41	8° 5	13°34	14°39	4°15	24°17	16°52	16° 9	2°43	29°37	29°17	16° 1	29°23	F 18
S 19	7 50 20	28° 9'40	21°40	9°47	14°44	14°59	4°28	24°13	16°51	16°11	2°43	29°29	29°13	16° 8	29°28	S 19
S 20	7 54 17	29°10'43	4♋29	11°28	15°54	15°18	4°41	24°10	16°51	16°12	2°43	29°19	29°10	16°14	29°33	S 20
M21	7 58 14	0♒11'45	17° 6	13° 9	17° 4	15°38	4°54	24° 6	16°51	16°14	2°43	29° 6	29° 7	16°21	29°38	M21
T 22	8 2 10	1°12'46	29°34	14°49	18°14	15°57	5° 7	24° 3	16°51	16°16	2°43	28°51	29° 4	16°28	29°44	T 22
W23	8 6 7	2°13'47	11♌51	16°28	19°25	16°15	5°21	23°59	16°51	16°17	2°43	28°37	29° 1	16°34	29°49	W23
T 24	8 10 3	3°14'47	23°59	18° 6	20°35	16°33	5°34	23°56	16°50	16°19	2°44	28°23	28°58	16°41	29°54	T 24
F 25	8 14 0	4°15'46	5♍57	19°42	21°46	16°51	5°47	23°53	16°D50	16°21	2°44	28°12	28°54	16°48	29°59	F 25
S 26	8 17 56	5°16'44	17°49	21°17	22°56	17° 8	6° 1	23°50	16°50	16°23	2°44	28° 3	28°51	16°54	0♒ 4	S 26
S 27	8 21 53	6°17'41	29°37	22°49	24° 7	17°25	6°14	23°47	16°50	16°25	2°44	27°57	28°48	17° 1	0° 9	S 27
M28	8 25 49	7°18'38	11♎25	24°18	25°18	17°42	6°28	23°44	16°51	16°26	2°44	27°54	28°45	17° 8	0°15	M28
T 29	8 29 46	8°19'34	23°18	25°44	26°29	17°58	6°42	23°41	16°51	16°28	2°45	27°D53	28°42	17°14	0°20	T 29
W30	8 33 43	9°20'30	5♏21	27° 6	27°40	18°13	6°55	23°38	16°51	16°30	2°45	27°R53	28°38	17°21	0°25	W30
T 31	8 37 39	10♒21'24	17♏38	28♒23	28♐51	18♎28	7♓ 9	23♊36	16♉51	16♓32	2♉45	27♈53	28♈35	17♍28	0♒30	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 6	4s44	1n23	24s52	1s47	16s 0	2n54	1s 8	2n17	12s11	1s 2	22n11	1s12	16n39	0s19	6s36	1s 4	3s16	16s41	11n51	11n33	9n40	14s10	6n33
W 2	23 1	10 14	0 20	24 48	1 50	16 17	2 53	1 17	2 17	12 6	1 2	22 11	1 12	16 38	0 19	6 36	1 4	3 16	16 41	11 51	11 32	9 37	14 9	6 33
T 3	22 56	15 27	0s46	24 42	1 53	16 34	2 52	1 27	2 18	12 2	1 1	22 11	1 12	16 38	0 19	6 35	1 4	3 16	16 41	11 51	11 30	9 34	14 8	6 33
F 4	22 50	20 10	1 51	24 35	1 56	16 50	2 51	1 36	2 19	11 58	1 1	22 11	1 11	16 38	0 19	6 35	1 4	3 16	16 40	11 50	11 29	9 31	14 8	6 33
S 5	22 44	24 3	2 52	24 26	1 59	17 6	2 50	1 44	2 20	11 54	1 1	22 11	1 11	16 37	0 19	6 34	1 4	3 15	16 40	11 48	11 28	9 28	14 7	6 33
S 6	22 37	26 45	3 45	24 15	2 1	17 22	2 49	1 53	2 21	11 49	1 1	22 11	1 11	16 37	0 19	6 34	1 4	3 15	16 40	11 46	11 27	9 25	14 6	6 32
M 7	22 30	27 52	4 27	24 3	2 3	17 37	2 48	2 2	2 21	11 45	1 1	22 11	1 11	16 37	0 19	6 33	1 4	3 15	16 39	11 42	11 26	9 21	14 5	6 32
T 8	22 23	27 10	4 53	23 49	2 4	17 52	2 46	2 10	2 22	11 40	1 1	22 11	1 11	16 37	0 19	6 33	1 4	3 15	16 39	11 38	11 25	9 18	14 4	6 32
W 9	22 15	24 37	5 0	23 34	2 6	18 7	2 45	2 19	2 23	11 36	1 1	22 11	1 11	16 36	0 19	6 32	1 4	3 14	16 39	11 34	11 24	9 15	14 3	6 32
T 10	22 7	20 25	4 48	23 18	2 6	18 21	2 43	2 27	2 24	11 31	1 1	22 11	1 11	16 36	0 19	6 32	1 4	3 14	16 38	11 30	11 23	9 12	14 2	6 32
F 11	21 58	14 58	4 17	22 59	2 7	18 35	2 41	2 35	2 25	11 27	1 1	22 11	1 10	16 36	0 19	6 31	1 4	3 14	16 38	11 27	11 21	9 9	14 1	6 32
S 12	21 49	8 43	3 29	22 39	2 7	18 49	2 40	2 43	2 26	11 22	1 1	22 11	1 10	16 36	0 19	6 31	1 4	3 14	16 38	11 25	11 20	9 6	14 0	6 32
S 13	21 39	2 5	2 28	22 18	2 6	19 2	2 38	2 51	2 26	11 18	1 1	22 11	1 10	16 36	0 19	6 30	1 4	3 13	16 37	11 23	11 19	9 2	13 59	6 32
M14	21 29	4n33	1 19	21 55	2 5	19 15	2 36	2 58	2 27	11 13	1 1	22 11	1 10	16 36	0 19	6 29	1 4	3 13	16 37	11 23	11 18	8 59	13 58	6 32
T 15	21 19	10 51	0 6	21 30	2 3	19 27	2 34	3 6	2 28	11 8	1 1	22 11	1 10	16 35	0 19	6 29	1 4	3 13	16 36	11 23	11 17	8 56	13 57	6 32
W16	21 8	16 31	1n 5	21 4	2 1	19 39	2 31	3 13	2 29	11 3	1 1	22 11	1 10	16 35	0 19	6 28	1 4	3 12	16 36	11 23	11 16	8 53	13 56	6 32
T 17	20 57	21 17	2 12	20 36	1 58	19 50	2 29	3 21	2 30	10 59	1 1	22 11	1 9	16 35	0 19	6 27	1 4	3 12	16 36	11 22	11 15	8 50	13 55	6 32
F 18	20 45	24 54	3 10	20 7	1 55	20 1	2 27	3 28	2 31	10 54	1 0	22 11	1 9	16 35	0 19	6 27	1 4	3 12	16 35	11 21	11 14	8 46	13 54	6 32
S 19	20 33	27 9	3 58	19 36	1 51	20 12	2 24	3 35	2 31	10 49	1 0	22 11	1 9	16 35	0 19	6 26	1 4	3 11	16 35	11 18	11 12	8 43	13 53	6 32
S 20	20 20	27 55	4 32	19 4	1 47	20 22	2 22	3 41	2 32	10 44	1 0	22 11	1 9	16 35	0 19	6 25	1 4	3 11	16 35	11 14	11 11	8 40	13 52	6 32
M21	20 8	27 12	4 53	18 31	1 42	20 31	2 19	3 48	2 33	10 39	1 0	22 11	1 9	16 35	0 19	6 25	1 4	3 11	16 34	11 10	11 10	8 37	13 51	6 32
T 22	19 54	25 8	4 59	17 56	1 36	20 40	2 17	3 55	2 34	10 35	1 0	22 11	1 8	16 35	0 19	6 24	1 4	3 10	16 34	11 5	11 9	8 34	13 50	6 32
W23	19 41	21 55	4 52	17 20	1 29	20 49	2 14	4 1	2 35	10 30	1 0	22 11	1 8	16 35	0 19	6 23	1 4	3 10	16 34	10 59	11 8	8 30	13 49	6 32
T 24	19 27	17 47	4 31	16 43	1 22	20 57	2 11	4 7	2 36	10 25	1 0	22 11	1 8	16 35	0 19	6 23	1 4	3 9	16 33	10 55	11 7	8 27	13 48	6 32
F 25	19 13	13 1	3 58	16 5	1 13	21 4	2 8	4 13	2 37	10 20	1 0	22 11	1 8	16 35	0 19	6 22	1 4	3 9	16 33	10 50	11 6	8 24	13 47	6 32
S 26	18 58	7 48	3 15	15 26	1 5	21 11	2 5	4 19	2 37	10 15	1 0	22 11	1 8	16 35	0 19	6 21	1 3	3 9	16 33	10 47	11 5	8 21	13 46	6 32
S 27	18 43	2 21	2 24	14 47	0 55	21 18	2 2	4 24	2 38	10 10	1 0	22 11	1 8	16 35	0 19	6 21	1 3	3 8	16 32	10 45	11 3	8 18	13 45	6 32
M28	18 28	3s12	1 26	14 8	0 44	21 23	1 59	4 30	2 39	10 5	1 0	22 11	1 7	16 35	0 19	6 20	1 3	3 8	16 32	10 44	11 2	8 14	13 44	6 32
T 29	18 12	8 41	0 24	13 28	0 33	21 29	1 56	4 35	2 40	10 0	1 0	22 11	1 7	16 35	0 19	6 19	1 3	3 7	16 31	10 44	11 1	8 11	13 43	6 32
W30	17 56	13 56	0s39	12 48	0 20	21 33	1 53	4 40	2 41	9 54	1 0	22 12	1 7	16 35	0 19	6 18	1 3	3 7	16 31	10 44	11 0	8 8	13 42	6 32
T 31	17s40	18s45	1s43	12s 9	0s 7	21s37	1n50	4s45	2n42	9s49	1s 0	22n12	1s 7	16n35	0s19	6s18	1s 3	3s 6	16s31	10n44	10n59	8n 5	13s41	6n32

Julian Day Number = 2398949.5, Delta T = 10.15 sec
Ecliptic obliquity = 23°27'36, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°43'46, Lahiri = 21°50'46

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ASTRODIENST EPHEMERIS for the year 1856
geocentric

FEBRUARY 1856 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 41 36	11♒22'18	0♐16	29♒35	0♑ 2	18♎43	7♓23	23°R33	16♉52	16♓34	2♉46	27°R51	28♈32	17♍34	0♒35	F 1
S 2	8 45 32	12°23'11	13°20	0♓40	1°14	18°57	7°37	23♊31	16°52	16°36	2°46	27♈48	28°29	17°41	0°40	S 2
S 3	8 49 29	13°24'04	26°52	1°39	2°25	19°10	7°50	23°29	16°52	16°38	2°46	27°42	28°26	17°48	0°45	S 3
M 4	8 53 25	14°24'55	10♑54	2°30	3°36	19°23	8° 4	23°26	16°53	16°40	2°47	27°33	28°23	17°54	0°50	M 4
T 5	8 57 22	15°25'45	25°24	3°12	4°48	19°36	8°18	23°24	16°53	16°42	2°47	27°22	28°19	18° 1	0°55	T 5
W 6	9 1 19	16°26'35	10♒15	3°46	5°59	19°48	8°32	23°22	16°54	16°44	2°47	27°11	28°16	18° 8	1° 0	W 6
T 7	9 5 15	17°27'23	25°20	4° 9	7°11	19°59	8°46	23°20	16°55	16°46	2°48	27° 0	28°13	18°15	1° 5	T 7
F 8	9 9 12	18°28'09	10♓27	4°22	8°23	20°10	9° 0	23°19	16°55	16°48	2°48	26°52	28°10	18°21	1°10	F 8
S 9	9 13 8	19°28'54	25°28	4°R24	9°35	20°20	9°14	23°17	16°56	16°50	2°49	26°46	28° 7	18°28	1°15	S 9
S 10	9 17 5	20°29'38	10♈14	4°16	10°46	20°30	9°28	23°15	16°57	16°52	2°49	26°42	28° 4	18°35	1°20	S 10
M11	9 21 1	21°30'20	24°40	3°57	11°58	20°39	9°43	23°14	16°58	16°54	2°50	26°D41	28° 0	18°41	1°25	M11
T 12	9 24 58	22°31'00	8♉43	3°27	13°10	20°48	9°57	23°12	16°59	16°56	2°50	26°41	27°57	18°48	1°30	T 12
W13	9 28 54	23°31'38	22°23	2°48	14°22	20°56	10°11	23°11	17° 0	16°59	2°51	26°R42	27°54	18°55	1°35	W13
T 14	9 32 51	24°32'15	5♊43	2° 1	15°34	21° 3	10°25	23°10	17° 1	17° 1	2°52	26°41	27°51	19° 1	1°40	T 14
F 15	9 36 48	25°32'51	18°44	1° 6	16°46	21°10	10°39	23° 9	17° 2	17° 3	2°52	26°39	27°48	19° 8	1°45	F 15
S 16	9 40 44	26°33'24	1♋29	0° 6	17°58	21°16	10°54	23° 8	17° 3	17° 5	2°53	26°33	27°44	19°15	1°49	S 16
S 17	9 44 41	27°33'56	14° 2	29♒ 1	19°10	21°21	11° 8	23° 7	17° 4	17° 7	2°54	26°26	27°41	19°21	1°54	S 17
M18	9 48 37	28°34'25	26°23	27°54	20°23	21°26	11°22	23° 7	17° 5	17° 9	2°54	26°16	27°38	19°28	1°59	M18
T 19	9 52 34	29°34'54	8♌36	26°47	21°35	21°30	11°37	23° 6	17° 6	17°12	2°55	26° 5	27°35	19°35	2° 4	T 19
W20	9 56 30	0♓35'20	20°41	25°40	22°47	21°33	11°51	23° 6	17° 8	17°14	2°56	25°54	27°32	19°41	2° 8	W20
T 21	10 0 27	1°35'45	2♍39	24°36	23°59	21°36	12° 6	23° 5	17° 9	17°16	2°56	25°43	27°29	19°48	2°13	T 21
F 22	10 4 23	2°36'08	14°32	23°37	25°12	21°38	12°20	23° 5	17°10	17°18	2°57	25°35	27°25	19°55	2°18	F 22
S 23	10 8 20	3°36'29	26°22	22°42	26°24	21°39	12°34	23° 5	17°12	17°20	2°58	25°28	27°22	20° 1	2°22	S 23
S 24	10 12 16	4°36'49	8♎10	21°53	27°37	21°R40	12°49	23°D 5	17°13	17°23	2°59	25°24	27°19	20° 8	2°27	S 24
M25	10 16 13	5°37'07	19°59	21°11	28°49	21°40	13° 3	23° 5	17°15	17°25	2°59	25°D22	27°16	20°15	2°31	M25
T 26	10 20 10	6°37'23	1♏54	20°36	0♒ 2	21°39	13°18	23° 5	17°16	17°27	3° 0	25°22	27°13	20°21	2°36	T 26
W27	10 24 6	7°37'39	13°57	20° 7	1°14	21°37	13°32	23° 6	17°18	17°29	3° 1	25°23	27°10	20°28	2°40	W27
T 28	10 28 3	8°37'52	26°13	19°46	2°27	21°35	13°47	23° 6	17°20	17°32	3° 2	25°25	27° 6	20°35	2°45	T 28
F 29	10 31 59	9♓38'05	8♐48	19♒32	3♒39	21♎32	14♓ 1	23♊ 7	17♉22	17♓34	3♉ 3	25°R25	27♈ 3	20♍41	2♒49	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s23	22s53	2s43	11s31	0n 7	21s41	1n47	4s50	2n42	9s44	1s 0	22n12	1s 7	16n35	0s19	6s17	1s 3	3s 6	16s30	10n43	10n58	8n 1	13s39	6n32
S 2	17 6	26 0	3 36	10 55	0 21	21 44	1 44	4 54	2 43	9 39	1 0	22 12	1 6	16 35	0 19	6 16	1 3	3 6	16 30	10 42	10 57	7 58	13 38	6 32
S 3	16 49	27 45	4 20	10 20	0 37	21 46	1 40	4 59	2 44	9 34	1 0	22 12	1 6	16 36	0 19	6 15	1 3	3 5	16 30	10 40	10 56	7 55	13 37	6 32
M 4	16 31	27 49	4 49	9 47	0 53	21 48	1 37	5 3	2 45	9 29	1 0	22 12	1 6	16 36	0 19	6 14	1 3	3 5	16 29	10 37	10 54	7 52	13 36	6 32
T 5	16 13	26 1	5 2	9 16	1 9	21 49	1 34	5 7	2 46	9 23	1 0	22 12	1 6	16 36	0 19	6 14	1 3	3 4	16 29	10 33	10 53	7 48	13 35	6 33
W 6	15 55	22 24	4 54	8 49	1 25	21 49	1 30	5 11	2 47	9 18	1 0	22 12	1 6	16 36	0 19	6 13	1 3	3 4	16 29	10 29	10 52	7 45	13 34	6 33
T 7	15 37	17 16	4 26	8 25	1 42	21 49	1 27	5 14	2 48	9 13	1 0	22 12	1 5	16 36	0 19	6 12	1 3	3 3	16 28	10 25	10 51	7 42	13 32	6 33
F 8	15 18	11 2	3 40	8 4	1 59	21 48	1 24	5 17	2 48	9 7	1 0	22 12	1 5	16 37	0 18	6 11	1 3	3 3	16 28	10 22	10 50	7 39	13 31	6 33
S 9	14 59	4 13	2 38	7 48	2 15	21 47	1 20	5 20	2 49	9 2	1 0	22 12	1 5	16 37	0 18	6 10	1 3	3 2	16 28	10 20	10 49	7 35	13 30	6 33
S 10	14 40	2n44	1 26	7 37	2 31	21 45	1 17	5 23	2 50	8 57	1 0	22 13	1 5	16 37	0 18	6 10	1 3	3 2	16 27	10 18	10 48	7 32	13 29	6 33
M11	14 21	9 24	0 11	7 30	2 46	21 42	1 13	5 26	2 51	8 51	1 0	22 13	1 5	16 37	0 18	6 9	1 3	3 1	16 27	10 18	10 46	7 29	13 28	6 33
T 12	14 1	15 25	1n 4	7 27	3 0	21 39	1 10	5 28	2 52	8 46	1 0	22 13	1 4	16 38	0 18	6 8	1 3	3 1	16 27	10 18	10 45	7 26	13 27	6 33
W13	13 41	20 31	2 13	7 30	3 12	21 35	1 6	5 31	2 52	8 41	1 0	22 13	1 4	16 38	0 18	6 7	1 3	3 0	16 26	10 18	10 44	7 22	13 25	6 34
T 14	13 21	24 26	3 12	7 37	3 22	21 31	1 3	5 33	2 53	8 35	1 0	22 13	1 4	16 38	0 18	6 6	1 3	3 0	16 26	10 18	10 43	7 19	13 24	6 34
F 15	13 1	26 59	4 1	7 48	3 31	21 26	0 59	5 34	2 54	8 30	1 0	22 13	1 4	16 39	0 18	6 5	1 3	2 59	16 26	10 17	10 42	7 16	13 23	6 34
S 16	12 40	28 3	4 36	8 3	3 38	21 20	0 56	5 36	2 55	8 24	1 0	22 13	1 4	16 39	0 18	6 5	1 3	2 59	16 25	10 15	10 41	7 13	13 22	6 34
S 17	12 20	27 39	4 57	8 21	3 42	21 14	0 52	5 37	2 55	8 19	1 0	22 14	1 3	16 39	0 18	6 4	1 3	2 58	16 25	10 12	10 40	7 9	13 21	6 34
M18	11 59	25 52	5 4	8 42	3 44	21 7	0 49	5 38	2 56	8 14	1 0	22 14	1 3	16 40	0 18	6 3	1 3	2 58	16 25	10 9	10 38	7 6	13 19	6 35
T 19	11 38	22 54	4 57	9 6	3 44	20 59	0 45	5 39	2 57	8 8	1 0	22 14	1 3	16 40	0 18	6 2	1 3	2 57	16 24	10 5	10 37	7 3	13 18	6 35
W20	11 16	18 59	4 37	9 30	3 41	20 51	0 42	5 40	2 58	8 3	1 0	22 14	1 3	16 40	0 18	6 1	1 3	2 57	16 24	10 1	10 36	7 0	13 17	6 35
T 21	10 55	14 20	4 4	9 56	3 36	20 42	0 38	5 40	2 58	7 57	1 0	22 14	1 3	16 41	0 18	6 0	1 3	2 56	16 24	9 57	10 35	6 56	13 16	6 35
F 22	10 33	9 11	3 21	10 22	3 30	20 33	0 35	5 40	2 59	7 52	1 0	22 15	1 2	16 41	0 18	5 59	1 3	2 56	16 23	9 54	10 34	6 53	13 14	6 35
S 23	10 12	3 44	2 30	10 47	3 21	20 23	0 31	5 40	3 0	7 46	1 0	22 15	1 2	16 42	0 18	5 59	1 3	2 55	16 23	9 51	10 33	6 50	13 13	6 36
S 24	9 50	1s51	1 31	11 12	3 12	20 12	0 28	5 40	3 0	7 41	1 0	22 15	1 2	16 42	0 18	5 58	1 3	2 55	16 23	9 50	10 32	6 46	13 12	6 36
M25	9 28	7 22	0 29	11 36	3 1	20 1	0 24	5 39	3 1	7 35	1 0	22 15	1 2	16 43	0 18	5 57	1 3	2 54	16 22	9 49	10 30	6 43	13 11	6 36
T 26	9 5	12 42	0s35	11 58	2 49	19 49	0 21	5 38	3 1	7 30	1 0	22 15	1 2	16 43	0 18	5 56	1 3	2 54	16 22	9 49	10 29	6 40	13 10	6 36
W27	8 43	17 36	1 39	12 19	2 36	19 37	0 17	5 37	3 2	7 24	1 0	22 16	1 1	16 43	0 18	5 55	1 3	2 53	16 22	9 50	10 28	6 37	13 8	6 37
T 28	8 20	21 54	2 39	12 38	2 23	19 24	0 14	5 36	3 2	7 18	1 0	22 16	1 1	16 44	0 18	5 54	1 3	2 52	16 22	9 50	10 27	6 33	13 7	6 37
F 29	7s58	25s18	3s33	12s55	2n10	19s11	0n11	5s34	3n 3	7s13	1s 0	22n16	1s 1	16n44	0s18	5s53	1s 3	2s52	16s21	9n50	10n26	6n30	13s 6	6n37

Julian Day Number = 2398980.5, Delta T = 10.13 sec
Ecliptic obliquity = 23°27'37, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°43'50, Lahiri = 21°50'51

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ASTRODIENST EPHEMERIS for the year 1856
geocentric

MARCH 1856 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 35 56	10♓38'15	21♐46	19°R25	4♒52	21°R28	14♓16	23♊ 7	17♉23	17♓36	3♉ 4	25°R25	27♈ 0	20♍48	2♒53	S 1
S 2	10 39 52	11°38'25	5♑11	19°D25	6° 5	21♎23	14°30	23° 8	17°25	17°38	3° 5	25♈22	26°57	20°55	2°58	S 2
M 3	10 43 49	12°38'32	19° 5	19♒31	7°17	21°17	14°45	23° 9	17°27	17°41	3° 6	25°18	26°54	21° 1	3° 2	M 3
T 4	10 47 46	13°38'38	3♒28	19°43	8°30	21°11	14°59	23°10	17°29	17°43	3° 7	25°12	26°50	21° 8	3° 6	T 4
W 5	10 51 42	14°38'43	18°16	20° 1	9°43	21° 4	15°14	23°11	17°31	17°45	3° 7	25° 6	26°47	21°15	3°10	W 5
T 6	10 55 39	15°38'45	3♓23	20°24	10°56	20°56	15°28	23°12	17°33	17°47	3° 8	25° 0	26°44	21°21	3°15	T 6
F 7	10 59 35	16°38'46	18°38	20°52	12° 9	20°47	15°43	23°14	17°35	17°50	3° 9	24°55	26°41	21°28	3°19	F 7
S 8	11 3 32	17°38'45	3♈52	21°24	13°21	20°38	15°57	23°15	17°37	17°52	3°10	24°51	26°38	21°35	3°23	S 8
S 9	11 7 28	18°38'41	18°55	22° 1	14°34	20°28	16°12	23°17	17°39	17°54	3°11	24°D50	26°35	21°41	3°27	S 9
M10	11 11 25	19°38'36	3♉38	22°42	15°47	20°17	16°26	23°18	17°41	17°57	3°12	24°50	26°31	21°48	3°31	M10
T 11	11 15 21	20°38'28	17°56	23°27	17° 0	20° 5	16°41	23°20	17°43	17°59	3°14	24°51	26°28	21°55	3°35	T 11
W12	11 19 18	21°38'19	1♊49	24°15	18°13	19°53	16°55	23°22	17°46	18° 1	3°15	24°53	26°25	22° 1	3°39	W12
T 13	11 23 14	22°38'07	15°15	25° 7	19°26	19°39	17°10	23°24	17°48	18° 3	3°16	24°54	26°22	22° 8	3°42	T 13
F 14	11 27 11	23°37'53	28°18	26° 1	20°39	19°25	17°24	23°26	17°50	18° 6	3°17	24°R54	26°19	22°15	3°46	F 14
S 15	11 31 8	24°37'36	11♋ 1	26°59	21°52	19°11	17°39	23°28	17°53	18° 8	3°18	24°53	26°15	22°21	3°50	S 15
S 16	11 35 4	25°37'17	23°27	27°59	23° 5	18°55	17°53	23°31	17°55	18°10	3°19	24°50	26°12	22°28	3°54	S 16
M17	11 39 1	26°36'56	5♌40	29° 2	24°18	18°39	18° 8	23°33	17°57	18°12	3°20	24°46	26° 9	22°35	3°57	M17
T 18	11 42 57	27°36'33	17°43	0♓ 8	25°31	18°23	18°22	23°36	18° 0	18°15	3°21	24°42	26° 6	22°41	4° 1	T 18
W19	11 46 54	28°36'08	29°39	1°16	26°44	18° 6	18°37	23°38	18° 2	18°17	3°22	24°37	26° 3	22°48	4° 4	W19
T 20	11 50 50	29°35'40	11♍31	2°26	27°57	17°48	18°51	23°41	18° 5	18°19	3°24	24°33	26° 0	22°55	4° 8	T 20
F 21	11 54 47	0♈35'10	23°20	3°38	29°10	17°29	19° 5	23°44	18° 8	18°21	3°25	24°29	25°56	23° 1	4°11	F 21
S 22	11 58 43	1°34'38	5♎ 9	4°52	0♓23	17°10	19°20	23°47	18°10	18°24	3°26	24°26	25°53	23° 8	4°15	S 22
S 23	12 2 40	2°34'04	17° 0	6° 8	1°36	16°51	19°34	23°50	18°13	18°26	3°27	24°25	25°50	23°15	4°18	S 23
M24	12 6 37	3°33'28	28°55	7°26	2°49	16°30	19°48	23°53	18°15	18°28	3°28	24°D25	25°47	23°21	4°21	M24
T 25	12 10 33	4°32'50	10♏56	8°45	4° 2	16°10	20° 3	23°56	18°18	18°30	3°30	24°26	25°44	23°28	4°24	T 25
W26	12 14 30	5°32'11	23° 6	10° 7	5°15	15°49	20°17	23°59	18°21	18°33	3°31	24°27	25°41	23°35	4°28	W26
T 27	12 18 26	6°31'29	5♐29	11°30	6°28	15°28	20°31	24° 3	18°24	18°35	3°32	24°29	25°37	23°41	4°31	T 27
F 28	12 22 23	7°30'46	18° 7	12°55	7°41	15° 6	20°45	24° 6	18°27	18°37	3°33	24°30	25°34	23°48	4°34	F 28
S 29	12 26 19	8°30'01	1♑ 5	14°21	8°55	14°44	21° 0	24°10	18°29	18°39	3°34	24°31	25°31	23°55	4°37	S 29
S 30	12 30 16	9°29'14	14°24	15°49	10° 8	14°21	21°14	24°14	18°32	18°41	3°36	24°R31	25°28	24° 1	4°40	S 30
M31	12 34 12	10♈28'26	28♑ 8	17♓18	11♓21	13♎59	21♓28	24♊18	18♉35	18♓43	3♉37	24♈30	25♈25	24♍ 8	4♒42	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s35	27s30	4s18	13s10	1n56	18s57	0n 7	5s32	3n 3	7s 7	1s 0	22n16	1s 1	16n45	0s18	5s52	1s 3	2s51	16s21	9n50	10n25	6n27	13s 5	6n37
S 2	7 12	28 12	4 51	13 24	1 42	18 42	0 4	5 30	3 4	7 2	1 0	22 17	1 0	16 46	0 18	5 52	1 3	2 51	16 21	9 49	10 24	6 23	13 3	6 38
M 3	6 49	27 11	5 8	13 35	1 28	18 27	0 1	5 28	3 4	6 56	1 0	22 17	1 0	16 46	0 18	5 51	1 3	2 50	16 20	9 48	10 22	6 20	13 2	6 38
T 4	6 26	24 22	5 6	13 44	1 15	18 12	0s 3	5 25	3 4	6 51	1 0	22 17	1 0	16 47	0 18	5 50	1 3	2 50	16 20	9 46	10 21	6 17	13 1	6 38
W 5	6 3	19 53	4 45	13 51	1 1	17 56	0 6	5 22	3 5	6 45	1 0	22 17	1 0	16 47	0 18	5 49	1 3	2 49	16 20	9 43	10 20	6 14	13 0	6 39
T 6	5 40	14 3	4 3	13 56	0 48	17 39	0 9	5 19	3 5	6 39	1 0	22 18	1 0	16 48	0 18	5 48	1 3	2 49	16 20	9 41	10 19	6 10	12 58	6 39
F 7	5 17	7 19	3 4	14 0	0 35	17 22	0 12	5 16	3 5	6 34	1 0	22 18	0 59	16 48	0 18	5 47	1 3	2 48	16 19	9 39	10 18	6 7	12 57	6 39
S 8	4 53	0 10	1 52	14 1	0 23	17 4	0 15	5 12	3 5	6 28	1 0	22 18	0 59	16 49	0 18	5 46	1 3	2 47	16 19	9 38	10 17	6 4	12 56	6 40
S 9	4 30	6n55	0 32	14 1	0 11	16 46	0 18	5 8	3 5	6 23	1 0	22 18	0 59	16 50	0 18	5 45	1 3	2 47	16 19	9 37	10 16	6 0	12 55	6 40
M10	4 6	13 29	0n48	13 59	0s 1	16 28	0 21	5 4	3 5	6 17	1 0	22 19	0 59	16 50	0 18	5 45	1 3	2 46	16 19	9 37	10 14	5 57	12 54	6 40
T 11	3 43	19 9	2 3	13 55	0 12	16 8	0 24	5 0	3 5	6 11	1 0	22 19	0 59	16 51	0 18	5 44	1 3	2 46	16 18	9 38	10 13	5 54	12 52	6 41
W12	3 19	23 37	3 8	13 49	0 23	15 49	0 27	4 55	3 5	6 6	1 0	22 19	0 58	16 52	0 18	5 43	1 3	2 45	16 18	9 38	10 12	5 50	12 51	6 41
T 13	2 56	26 38	4 1	13 42	0 34	15 29	0 30	4 50	3 5	6 0	1 0	22 20	0 58	16 52	0 18	5 42	1 3	2 45	16 18	9 39	10 11	5 47	12 50	6 41
F 14	2 32	28 7	4 40	13 32	0 44	15 9	0 33	4 45	3 5	5 55	1 1	22 20	0 58	16 53	0 18	5 41	1 3	2 44	16 18	9 39	10 10	5 44	12 49	6 42
S 15	2 8	28 3	5 4	13 22	0 53	14 48	0 36	4 40	3 5	5 49	1 1	22 20	0 58	16 54	0 18	5 40	1 3	2 43	16 17	9 38	10 9	5 41	12 48	6 42
S 16	1 44	26 33	5 13	13 9	1 2	14 27	0 39	4 34	3 4	5 43	1 1	22 20	0 58	16 54	0 18	5 39	1 3	2 43	16 17	9 38	10 8	5 37	12 46	6 42
M17	1 21	23 50	5 7	12 56	1 11	14 5	0 41	4 29	3 4	5 38	1 1	22 21	0 57	16 55	0 18	5 38	1 3	2 42	16 17	9 36	10 6	5 34	12 45	6 43
T 18	0 57	20 6	4 48	12 40	1 19	13 43	0 44	4 23	3 4	5 32	1 1	22 21	0 57	16 56	0 18	5 37	1 3	2 42	16 17	9 34	10 5	5 31	12 44	6 43
W19	0 33	15 37	4 17	12 23	1 27	13 21	0 47	4 17	3 3	5 27	1 1	22 21	0 57	16 56	0 18	5 37	1 3	2 41	16 17	9 33	10 4	5 27	12 43	6 43
T 20	0 10	10 33	3 34	12 5	1 34	12 58	0 49	4 10	3 3	5 21	1 1	22 22	0 57	16 57	0 18	5 36	1 3	2 41	16 16	9 31	10 3	5 24	12 42	6 44
F 21	0n14	5 8	2 43	11 45	1 41	12 35	0 52	4 4	3 2	5 15	1 1	22 22	0 57	16 58	0 18	5 35	1 3	2 40	16 16	9 30	10 2	5 21	12 41	6 44
S 22	0 38	0s27	1 44	11 24	1 47	12 11	0 54	3 58	3 1	5 10	1 1	22 22	0 56	16 59	0 18	5 34	1 3	2 39	16 16	9 29	10 1	5 17	12 39	6 45
S 23	1 1	6 3	0 41	11 1	1 53	11 48	0 56	3 51	3 0	5 4	1 1	22 23	0 56	16 59	0 18	5 33	1 4	2 39	16 16	9 28	9 59	5 14	12 38	6 45
M24	1 25	11 29	0s25	10 38	1 59	11 23	0 59	3 44	2 59	4 59	1 1	22 23	0 56	17 0	0 17	5 32	1 4	2 38	16 16	9 28	9 58	5 11	12 37	6 45
T 25	1 49	16 33	1 30	10 12	2 4	10 59	1 1	3 37	2 59	4 53	1 1	22 23	0 56	17 1	0 17	5 31	1 4	2 38	16 15	9 29	9 57	5 7	12 36	6 46
W26	2 12	21 1	2 32	9 46	2 8	10 34	1 3	3 30	2 57	4 48	1 1	22 24	0 56	17 2	0 17	5 31	1 4	2 37	16 15	9 29	9 56	5 4	12 35	6 46
T 27	2 36	24 39	3 28	9 18	2 12	10 9	1 5	3 23	2 56	4 42	1 1	22 24	0 56	17 2	0 17	5 30	1 4	2 37	16 15	9 30	9 55	5 1	12 34	6 47
F 28	2 59	27 10	4 15	8 48	2 16	9 44	1 7	3 15	2 55	4 37	1 1	22 24	0 55	17 3	0 17	5 29	1 4	2 36	16 15	9 30	9 54	4 57	12 33	6 47
S 29	3 22	28 18	4 51	8 18	2 19	9 18	1 9	3 8	2 54	4 31	1 2	22 25	0 55	17 4	0 17	5 28	1 4	2 36	16 15	9 30	9 52	4 54	12 32	6 47
S 30	3 46	27 51	5 12	7 46	2 21	8 52	1 11	3 1	2 53	4 26	1 2	22 25	0 55	17 5	0 17	5 27	1 4	2 35	16 15	9 30	9 51	4 51	12 30	6 48
M31	4n 9	25s42	5s16	7s13	2s23	8s26	1s13	2s53	2n51	4s20	1s 2	22n25	0s55	17n 6	0s17	5s26	1s 4	2s34	16s14	9n30	9n50	4n47	12s29	6n48

Julian Day Number = 2399009.5, Delta T = 10.11 sec
Ecliptic obliquity = 23°27'37, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°43'54, Lahiri = 21°50'55

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ASTRODIENST EPHEMERIS for the year 1856
geocentric

APRIL 1856 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 38 9	11♈27'35	12♒18	18♓50	12♓34	13°R36	21♓42	24♊21	18♉38	18♓46	3♉38	24°R29	25♈21	24♍15	4♒45	T 1
W 2	12 42 6	12°26'43	26°50	20°22	13°47	13♎13	21°56	24°25	18°41	18°48	3°40	24♈28	25°18	24°21	4°48	W 2
T 3	12 46 2	13°25'49	11♓43	21°56	15° 1	12°50	22°10	24°30	18°44	18°50	3°41	24°26	25°15	24°28	4°51	T 3
F 4	12 49 59	14°24'53	26°47	23°32	16°14	12°27	22°24	24°34	18°47	18°52	3°42	24°25	25°12	24°35	4°53	F 4
S 5	12 53 55	15°23'55	11♈56	25° 9	17°27	12° 3	22°38	24°38	18°50	18°54	3°44	24°25	25° 9	24°41	4°56	S 5
S 6	12 57 52	16°22'55	27° 0	26°48	18°40	11°40	22°52	24°42	18°53	18°56	3°45	24°D24	25° 6	24°48	4°58	S 6
M 7	13 1 48	17°21'53	11♉49	28°28	19°53	11°17	23° 6	24°47	18°56	18°58	3°46	24°25	25° 2	24°55	5° 1	M 7
T 8	13 5 45	18°20'49	26°18	0♈ 9	21° 7	10°54	23°20	24°51	18°59	19° 0	3°47	24°25	24°59	25° 1	5° 3	T 8
W 9	13 9 41	19°19'43	10♊21	1°53	22°20	10°32	23°33	24°56	19° 2	19° 2	3°49	24°26	24°56	25° 8	5° 5	W 9
T 10	13 13 38	20°18'35	23°58	3°37	23°33	10° 9	23°47	25° 1	19° 5	19° 4	3°50	24°26	24°53	25°15	5° 7	T 10
F 11	13 17 35	21°17'24	7♋ 8	5°23	24°46	9°47	24° 1	25° 5	19° 9	19° 6	3°52	24°26	24°50	25°21	5°10	F 11
S 12	13 21 31	22°16'11	19°55	7°11	26° 0	9°25	24°15	25°10	19°12	19° 8	3°53	24°R26	24°47	25°28	5°12	S 12
S 13	13 25 28	23°14'56	2♌22	9° 0	27°13	9° 3	24°28	25°15	19°15	19°10	3°54	24°26	24°43	25°35	5°14	S 13
M14	13 29 24	24°13'38	14°33	10°51	28°26	8°42	24°42	25°20	19°18	19°12	3°56	24°D26	24°40	25°41	5°16	M14
T 15	13 33 21	25°12'18	26°32	12°44	29°39	8°21	24°55	25°25	19°21	19°14	3°57	24°26	24°37	25°48	5°18	T 15
W16	13 37 17	26°10'56	8♍25	14°38	0♈53	8° 0	25° 9	25°30	19°25	19°16	3°58	24°27	24°34	25°55	5°19	W16
T 17	13 41 14	27° 9'32	20°13	16°33	2° 6	7°40	25°22	25°36	19°28	19°18	4° 0	24°27	24°31	26° 1	5°21	T 17
F 18	13 45 10	28° 8'06	2♎ 2	18°30	3°19	7°21	25°35	25°41	19°31	19°20	4° 1	24°27	24°27	26° 8	5°23	F 18
S 19	13 49 7	29° 6'37	13°53	20°29	4°32	7° 2	25°49	25°46	19°35	19°22	4° 2	24°27	24°24	26°15	5°24	S 19
S 20	13 53 4	0♉ 5'07	25°50	22°29	5°46	6°44	26° 2	25°52	19°38	19°24	4° 4	24°R27	24°21	26°21	5°26	S 20
M21	13 57 0	1° 3'35	7♏54	24°30	6°59	6°26	26°15	25°57	19°41	19°25	4° 5	24°27	24°18	26°28	5°27	M21
T 22	14 0 57	2° 2'00	20° 8	26°33	8°12	6° 9	26°28	26° 3	19°45	19°27	4° 6	24°27	24°15	26°35	5°29	T 22
W23	14 4 53	3° 0'25	2♐32	28°38	9°25	5°53	26°41	26° 9	19°48	19°29	4° 8	24°26	24°12	26°41	5°30	W23
T 24	14 8 50	3°58'47	15° 9	0♉43	10°39	5°37	26°54	26°14	19°51	19°31	4° 9	24°25	24° 8	26°48	5°31	T 24
F 25	14 12 46	4°57'08	28° 0	2°50	11°52	5°22	27° 7	26°20	19°55	19°32	4°11	24°23	24° 5	26°55	5°33	F 25
S 26	14 16 43	5°55'27	11♑ 6	4°57	13° 5	5° 8	27°20	26°26	19°58	19°34	4°12	24°22	24° 2	27° 1	5°34	S 26
S 27	14 20 39	6°53'45	24°29	7° 6	14°19	4°54	27°33	26°32	20° 1	19°36	4°13	24°21	23°59	27° 8	5°35	S 27
M28	14 24 36	7°52'01	8♒10	9°15	15°32	4°41	27°46	26°38	20° 5	19°38	4°15	24°D21	23°56	27°15	5°36	M28
T 29	14 28 33	8°50'16	22° 9	11°24	16°45	4°29	27°58	26°44	20° 8	19°39	4°16	24°21	23°52	27°21	5°37	T 29
W30	14 32 29	9♉48'29	6♓25	13♉34	17♈58	4♎18	28♓11	26♊50	20♉12	19♓41	4♉17	24♈22	23♈49	27♍28	5♒37	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n32	21s57	5s 2	6s39	2s25	8s 0	1s15	2s46	2n50	4s15	1s 2	22n26	0s55	17n 6	0s17	5s26	1s 4	2s34	16s14	9n30	9n49	4n44	12s28	6n49
W 2	4 55	16 46	4 28	6 3	2 26	7 33	1 16	2 38	2 48	4 9	1 2	22 26	0 54	17 7	0 17	5 25	1 4	2 33	16 14	9 29	9 48	4 41	12 27	6 49
T 3	5 18	10 30	3 35	5 27	2 27	7 7	1 18	2 31	2 46	4 4	1 2	22 27	0 54	17 8	0 17	5 24	1 4	2 33	16 14	9 29	9 47	4 37	12 26	6 50
F 4	5 41	3 32	2 27	4 49	2 27	6 40	1 20	2 24	2 45	3 58	1 2	22 27	0 54	17 9	0 17	5 23	1 4	2 32	16 14	9 28	9 46	4 34	12 25	6 50
S 5	6 4	3n40	1 9	4 10	2 26	6 12	1 21	2 16	2 43	3 53	1 2	22 27	0 54	17 10	0 17	5 22	1 4	2 32	16 14	9 28	9 44	4 31	12 24	6 51
S 6	6 27	10 38	0n14	3 30	2 26	5 45	1 22	2 9	2 41	3 47	1 2	22 28	0 54	17 11	0 17	5 22	1 4	2 31	16 14	9 28	9 43	4 27	12 23	6 51
M 7	6 49	16 54	1 35	2 49	2 24	5 17	1 24	2 2	2 39	3 42	1 2	22 28	0 54	17 11	0 17	5 21	1 4	2 31	16 13	9 28	9 42	4 24	12 22	6 52
T 8	7 12	22 4	2 48	2 7	2 22	4 50	1 25	1 55	2 37	3 37	1 3	22 28	0 53	17 12	0 17	5 20	1 4	2 30	16 13	9 28	9 41	4 21	12 21	6 52
W 9	7 34	25 47	3 48	1 24	2 20	4 22	1 26	1 48	2 35	3 31	1 3	22 29	0 53	17 13	0 17	5 19	1 4	2 30	16 13	9 29	9 40	4 17	12 20	6 52
T 10	7 57	27 53	4 34	0 40	2 17	3 54	1 27	1 41	2 33	3 26	1 3	22 29	0 53	17 14	0 17	5 18	1 4	2 29	16 13	9 29	9 39	4 14	12 19	6 53
F 11	8 19	28 19	5 3	0n 6	2 14	3 26	1 28	1 34	2 31	3 20	1 3	22 29	0 53	17 15	0 17	5 18	1 4	2 29	16 13	9 29	9 37	4 10	12 18	6 53
S 12	8 41	27 12	5 17	0 52	2 10	2 58	1 29	1 27	2 28	3 15	1 3	22 30	0 53	17 16	0 17	5 17	1 4	2 28	16 13	9 29	9 36	4 7	12 17	6 54
S 13	9 2	24 45	5 15	1 39	2 6	2 29	1 30	1 21	2 26	3 10	1 3	22 30	0 53	17 17	0 17	5 16	1 4	2 28	16 13	9 29	9 35	4 4	12 16	6 54
M14	9 24	21 14	4 58	2 27	2 1	2 1	1 31	1 15	2 24	3 5	1 3	22 30	0 52	17 18	0 17	5 15	1 4	2 27	16 13	9 29	9 34	4 0	12 15	6 55
T 15	9 46	16 54	4 29	3 16	1 55	1 33	1 32	1 9	2 21	2 59	1 3	22 31	0 52	17 18	0 17	5 15	1 4	2 27	16 13	9 29	9 33	3 57	12 14	6 55
W16	10 7	11 57	3 49	4 5	1 50	1 4	1 33	1 3	2 19	2 54	1 3	22 31	0 52	17 19	0 17	5 14	1 4	2 26	16 13	9 29	9 32	3 54	12 14	6 56
T 17	10 28	6 37	2 59	4 55	1 43	0 36	1 33	0 57	2 17	2 49	1 4	22 31	0 52	17 20	0 17	5 13	1 4	2 26	16 13	9 29	9 30	3 50	12 13	6 56
F 18	10 49	1 3	2 1	5 46	1 36	0 7	1 34	0 52	2 14	2 44	1 4	22 32	0 52	17 21	0 17	5 13	1 4	2 25	16 13	9 29	9 29	3 47	12 12	6 57
S 19	11 10	4s35	0 58	6 38	1 29	0n22	1 34	0 47	2 11	2 39	1 4	22 32	0 52	17 22	0 17	5 12	1 4	2 25	16 13	9 29	9 28	3 44	12 11	6 57
S 20	11 31	10 7	0s 8	7 30	1 21	0 50	1 35	0 42	2 9	2 33	1 4	22 32	0 51	17 23	0 17	5 11	1 4	2 24	16 13	9 29	9 27	3 40	12 10	6 58
M21	11 51	15 19	1 14	8 22	1 13	1 19	1 35	0 37	2 6	2 28	1 4	22 33	0 51	17 24	0 17	5 11	1 4	2 24	16 12	9 29	9 26	3 37	12 9	6 58
T 22	12 11	20 0	2 18	9 15	1 4	1 48	1 35	0 33	2 4	2 23	1 4	22 33	0 51	17 25	0 17	5 10	1 4	2 23	16 12	9 29	9 25	3 33	12 8	6 59
W23	12 31	23 53	3 16	10 8	0 55	2 16	1 36	0 29	2 1	2 18	1 4	22 33	0 51	17 26	0 17	5 9	1 4	2 23	16 12	9 29	9 23	3 30	12 8	6 59
T 24	12 51	26 42	4 6	11 1	0 46	2 45	1 36	0 25	1 58	2 13	1 4	22 34	0 51	17 27	0 17	5 8	1 4	2 22	16 12	9 28	9 22	3 27	12 7	7 0
F 25	13 11	28 11	4 44	11 54	0 36	3 14	1 36	0 22	1 56	2 8	1 5	22 34	0 51	17 28	0 17	5 8	1 4	2 22	16 12	9 28	9 21	3 23	12 6	7 0
S 26	13 30	28 7	5 8	12 47	0 26	3 42	1 36	0 19	1 53	2 3	1 5	22 34	0 50	17 28	0 17	5 7	1 4	2 21	16 12	9 27	9 20	3 20	12 5	7 1
S 27	13 50	26 26	5 17	13 39	0 16	4 11	1 36	0 16	1 50	1 58	1 5	22 35	0 50	17 29	0 17	5 7	1 4	2 21	16 12	9 27	9 19	3 17	12 5	7 1
M28	14 9	23 11	5 8	14 30	0 5	4 39	1 35	0 13	1 48	1 53	1 5	22 35	0 50	17 30	0 17	5 6	1 4	2 21	16 12	9 27	9 18	3 13	12 4	7 2
T 29	14 27	18 33	4 40	15 21	0n 5	5 7	1 35	0 11	1 45	1 48	1 5	22 35	0 50	17 31	0 17	5 5	1 4	2 20	16 12	9 27	9 16	3 10	12 3	7 2
W30	14n46	12s48	3s55	16n11	0n16	5n36	1s35	0s 9	1n42	1s43	1s 5	22n36	0s50	17n32	0s17	5s 5	1s 5	2s20	16s12	9n27	9n15	3n 7	12s 2	7n 3

Julian Day Number = 2399040.5, Delta T = 10.09 sec
Ecliptic obliquity = 23°27'37, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°43'58, Lahiri = 21°50'59

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ASTRODIENST EPHEMERIS for the year 1856
geocentric

MAY 1856 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 36 26	10♉46'41	20♓57	15♉43	19♈12	4°R 7	28♓24	26♊56	20♉15	19♓42	4♉19	24♈23	23♈46	27♍35	5♒38	T 1
F 2	14 40 22	11°44'51	5♈40	17°52	20°25	3♎57	28°36	27° 3	20°19	19°44	4°20	24°24	23°43	27°41	5°39	F 2
S 3	14 44 19	12°42'59	20°28	20° 0	21°38	3°48	28°49	27° 9	20°22	19°46	4°22	24°R25	23°40	27°48	5°40	S 3
S 4	14 48 15	13°41'06	5♉16	22° 8	22°52	3°40	29° 1	27°15	20°26	19°47	4°23	24°25	23°37	27°55	5°40	S 4
M 5	14 52 12	14°39'12	19°56	24°13	24° 5	3°33	29°13	27°22	20°29	19°49	4°24	24°23	23°33	28° 1	5°41	M 5
T 6	14 56 8	15°37'16	4♊21	26°18	25°18	3°26	29°25	27°28	20°33	19°50	4°26	24°21	23°30	28° 8	5°41	T 6
W 7	15 0 5	16°35'18	18°25	28°20	26°32	3°21	29°37	27°35	20°36	19°52	4°27	24°18	23°27	28°15	5°41	W 7
T 8	15 4 2	17°33'19	2♋ 6	0♊21	27°45	3°16	29°49	27°41	20°39	19°53	4°28	24°15	23°24	28°21	5°42	T 8
F 9	15 7 58	18°31'17	15°21	2°19	28°58	3°11	0♈ 1	27°48	20°43	19°54	4°30	24°12	23°21	28°28	5°42	F 9
S 10	15 11 55	19°29'14	28°13	4°14	0♉12	3° 8	0°13	27°55	20°46	19°56	4°31	24° 9	23°18	28°35	5°42	S 10
S 11	15 15 51	20°27'09	10♌43	6° 7	1°25	3° 6	0°25	28° 1	20°50	19°57	4°32	24° 8	23°14	28°41	5°R42	S 11
M12	15 19 48	21°25'02	22°55	7°57	2°38	3° 4	0°37	28° 8	20°53	19°58	4°34	24°D 7	23°11	28°48	5°42	M12
T 13	15 23 44	22°22'53	4♍55	9°44	3°51	3° 3	0°48	28°15	20°57	20° 0	4°35	24° 8	23° 8	28°55	5°42	T 13
W14	15 27 41	23°20'43	16°47	11°28	5° 5	3°D 3	1° 0	28°22	21° 0	20° 1	4°36	24° 9	23° 5	29° 1	5°42	W14
T 15	15 31 37	24°18'31	28°35	13° 8	6°18	3° 3	1°11	28°29	21° 4	20° 2	4°38	24°11	23° 2	29° 8	5°41	T 15
F 16	15 35 34	25°16'17	10♎25	14°46	7°31	3° 4	1°22	28°36	21° 7	20° 3	4°39	24°13	22°58	29°15	5°41	F 16
S 17	15 39 31	26°14'02	22°20	16°20	8°45	3° 7	1°34	28°43	21°11	20° 5	4°40	24°R14	22°55	29°21	5°41	S 17
S 18	15 43 27	27°11'45	4♏24	17°50	9°58	3° 9	1°45	28°50	21°14	20° 6	4°42	24°13	22°52	29°28	5°40	S 18
M19	15 47 24	28° 9'26	16°40	19°18	11°11	3°13	1°56	28°57	21°18	20° 7	4°43	24°11	22°49	29°35	5°40	M19
T 20	15 51 20	29° 7'07	29° 9	20°41	12°25	3°17	2° 7	29° 4	21°21	20° 8	4°44	24° 7	22°46	29°41	5°39	T 20
W21	15 55 17	0♏ 4'46	11♐52	22° 2	13°38	3°22	2°17	29°11	21°25	20° 9	4°45	24° 2	22°43	29°48	5°38	W21
T 22	15 59 13	1° 2'24	24°49	23°18	14°51	3°28	2°28	29°18	21°28	20°10	4°47	23°56	22°39	29°54	5°38	T 22
F 23	16 3 10	2° 0'00	8♑ 1	24°32	16° 5	3°34	2°39	29°25	21°32	20°11	4°48	23°50	22°36	0♎ 1	5°37	F 23
S 24	16 7 6	2°57'36	21°25	25°41	17°18	3°41	2°49	29°33	21°35	20°12	4°49	23°45	22°33	0° 8	5°36	S 24
S 25	16 11 3	3°55'11	5♒ 2	26°47	18°31	3°49	3° 0	29°40	21°38	20°13	4°50	23°40	22°30	0°14	5°35	S 25
M26	16 15 0	4°52'44	18°50	27°49	19°45	3°57	3°10	29°47	21°42	20°14	4°52	23°37	22°27	0°21	5°34	M26
T 27	16 18 56	5°50'17	2♓48	28°47	20°58	4° 6	3°20	29°55	21°45	20°15	4°53	23°D36	22°24	0°28	5°33	T 27
W28	16 22 53	6°47'49	16°55	29°41	22°11	4°16	3°30	0♋ 2	21°49	20°16	4°54	23°36	22°20	0°34	5°32	W28
T 29	16 26 49	7°45'20	1♈10	0♋31	23°25	4°26	3°40	0°10	21°52	20°16	4°55	23°37	22°17	0°41	5°31	T 29
F 30	16 30 46	8°42'51	15°31	1°18	24°38	4°37	3°50	0°17	21°55	20°17	4°56	23°39	22°14	0°48	5°29	F 30
S 31	16 34 42	9♊40'20	29♈55	2♋ 0	25♉52	4♎49	4♈ 0	0♋24	21♉59	20♓18	4♉58	23°R39	22♈11	0♎54	5♒28	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 4	6s16	2s55	16n59	0n27	6n 4	1s35	0s 7	1n40	1s38	1s 5	22n36	0s50	17n33	0s17	5s 4	1s 5	2s19	16s12	9n28	9n14	3n 3	12s 2	7n 3
F 2	15 22	0n41	1 42	17 46	0 37	6 32	1 34	0 5	1 37	1 34	1 6	22 36	0 50	17 34	0 17	5 4	1 5	2 19	16 12	9 28	9 13	3 0	12 1	7 4
S 3	15 40	7 40	0 22	18 31	0 48	7 0	1 34	0 4	1 34	1 29	1 6	22 36	0 49	17 35	0 17	5 3	1 5	2 18	16 12	9 28	9 12	2 56	12 1	7 4
S 4	15 58	14 14	1n 0	19 15	0 58	7 27	1 33	0 3	1 32	1 24	1 6	22 37	0 49	17 36	0 17	5 2	1 5	2 18	16 12	9 28	9 10	2 53	12 0	7 5
M 5	16 15	19 56	2 16	19 56	1 8	7 55	1 32	0 3	1 29	1 19	1 6	22 37	0 49	17 37	0 17	5 2	1 5	2 18	16 12	9 28	9 9	2 50	11 59	7 5
T 6	16 32	24 21	3 23	20 35	1 17	8 22	1 32	0 3	1 26	1 15	1 6	22 37	0 49	17 38	0 17	5 1	1 5	2 17	16 13	9 27	9 8	2 46	11 59	7 6
W 7	16 49	27 12	4 15	21 12	1 26	8 50	1 31	0 3	1 24	1 10	1 6	22 37	0 49	17 39	0 17	5 1	1 5	2 17	16 13	9 26	9 7	2 43	11 58	7 6
T 8	17 5	28 18	4 51	21 47	1 34	9 17	1 30	0 3	1 21	1 5	1 7	22 38	0 49	17 40	0 17	5 0	1 5	2 17	16 13	9 25	9 6	2 39	11 58	7 7
F 9	17 21	27 43	5 11	22 19	1 42	9 44	1 29	0 4	1 19	1 1	1 7	22 38	0 49	17 41	0 17	5 0	1 5	2 16	16 13	9 23	9 5	2 36	11 57	7 7
S 10	17 37	25 39	5 14	22 48	1 49	10 10	1 28	0 5	1 16	0 56	1 7	22 38	0 48	17 42	0 17	4 59	1 5	2 16	16 13	9 23	9 3	2 33	11 57	7 8
S 11	17 53	22 24	5 1	23 15	1 56	10 37	1 27	0 6	1 14	0 52	1 7	22 38	0 48	17 42	0 17	4 59	1 5	2 15	16 13	9 22	9 2	2 29	11 56	7 8
M12	18 8	18 14	4 36	23 39	2 2	11 3	1 26	0 8	1 11	0 47	1 7	22 39	0 48	17 43	0 17	4 58	1 5	2 15	16 13	9 22	9 1	2 26	11 56	7 9
T 13	18 23	13 25	3 58	24 1	2 7	11 29	1 25	0 10	1 9	0 43	1 7	22 39	0 48	17 44	0 17	4 58	1 5	2 15	16 13	9 22	9 0	2 23	11 55	7 9
W14	18 38	8 9	3 11	24 21	2 11	11 55	1 24	0 12	1 6	0 38	1 8	22 39	0 48	17 45	0 17	4 57	1 5	2 14	16 13	9 23	8 59	2 19	11 55	7 10
T 15	18 52	2 39	2 16	24 37	2 15	12 20	1 23	0 15	1 4	0 34	1 8	22 39	0 48	17 46	0 17	4 57	1 5	2 14	16 13	9 23	8 58	2 16	11 54	7 10
F 16	19 6	2s59	1 15	24 52	2 17	12 45	1 21	0 17	1 1	0 30	1 8	22 40	0 48	17 47	0 17	4 56	1 5	2 14	16 13	9 24	8 56	2 12	11 54	7 11
S 17	19 20	8 33	0 10	25 4	2 19	13 10	1 20	0 20	0 59	0 25	1 8	22 40	0 47	17 48	0 17	4 56	1 5	2 13	16 13	9 24	8 55	2 9	11 53	7 11
S 18	19 33	13 52	0s55	25 14	2 20	13 34	1 19	0 24	0 56	0 21	1 8	22 40	0 47	17 49	0 17	4 56	1 5	2 13	16 13	9 24	8 54	2 6	11 53	7 12
M19	19 46	18 44	2 0	25 22	2 21	13 59	1 17	0 27	0 54	0 17	1 9	22 40	0 47	17 50	0 17	4 55	1 5	2 13	16 14	9 23	8 53	2 2	11 53	7 12
T 20	19 59	22 54	2 59	25 27	2 20	14 23	1 16	0 31	0 52	0 13	1 9	22 40	0 47	17 51	0 17	4 55	1 5	2 13	16 14	9 22	8 52	1 59	11 52	7 13
W21	20 11	26 2	3 51	25 31	2 18	14 46	1 14	0 35	0 49	0 9	1 9	22 40	0 47	17 52	0 17	4 54	1 5	2 12	16 14	9 20	8 50	1 55	11 52	7 13
T 22	20 23	27 53	4 31	25 33	2 16	15 9	1 12	0 39	0 47	0 4	1 9	22 41	0 47	17 53	0 17	4 54	1 5	2 12	16 14	9 18	8 49	1 52	11 52	7 14
F 23	20 35	28 11	4 59	25 33	2 13	15 32	1 11	0 44	0 45	0 0	1 9	22 41	0 47	17 53	0 17	4 54	1 5	2 12	16 14	9 16	8 48	1 49	11 51	7 14
S 24	20 46	26 51	5 10	25 32	2 8	15 55	1 9	0 49	0 43	0n 4	1 10	22 41	0 47	17 54	0 17	4 53	1 5	2 11	16 14	9 13	8 47	1 45	11 51	7 15
S 25	20 57	23 56	5 4	25 29	2 3	16 17	1 7	0 54	0 41	0 8	1 10	22 41	0 47	17 55	0 17	4 53	1 6	2 11	16 14	9 12	8 46	1 42	11 51	7 15
M26	21 8	19 38	4 41	25 24	1 57	16 38	1 5	0 59	0 38	0 11	1 10	22 41	0 46	17 56	0 17	4 53	1 6	2 11	16 14	9 11	8 45	1 38	11 51	7 16
T 27	21 18	14 13	4 1	25 18	1 51	17 0	1 4	1 5	0 36	0 15	1 10	22 41	0 46	17 57	0 17	4 52	1 6	2 11	16 15	9 10	8 43	1 35	11 51	7 16
W28	21 28	8 1	3 6	25 11	1 43	17 20	1 2	1 11	0 34	0 19	1 10	22 41	0 46	17 58	0 17	4 52	1 6	2 11	16 15	9 10	8 42	1 32	11 50	7 17
T 29	21 37	1 21	1 59	25 2	1 35	17 41	1 0	1 16	0 32	0 23	1 11	22 42	0 46	17 59	0 17	4 52	1 6	2 10	16 15	9 11	8 41	1 28	11 50	7 17
F 30	21 46	5n26	0 44	24 53	1 25	18 1	0 58	1 23	0 30	0 27	1 11	22 42	0 46	18 0	0 17	4 52	1 6	2 10	16 15	9 11	8 40	1 25	11 50	7 18
S 31	21n55	11n59	0n34	24n42	1n15	18n20	0s56	1s29	0n28	0n30	1s11	22n42	0s46	18n 1	0s17	4s51	1s 6	2s10	16s15	9n11	8n39	1n21	11s50	7n18

Julian Day Number = 2399070.5, Delta T = 10.06 sec
Ecliptic obliquity = 23°27'37, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°44'03, Lahiri = 21°51'03

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ASTRODIENST EPHEMERIS for the year 1856
geocentric

JUNE 1856 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 38 39	10♊37'49	14♉18	2♋38	27♉ 5	5♎ 1	4♈10	0♋32	22♉ 2	20♓19	4♉59	23°R37	22♈ 8	1♎ 1	5°R26	S 1
M 2	16 42 35	11°35'17	28°36	3°11	28°18	5°13	4°19	0°39	22° 6	20°19	5° 0	23♈33	22° 4	1° 8	5♒25	M 2
T 3	16 46 32	12°32'44	12♊44	3°40	29°32	5°27	4°28	0°47	22° 9	20°20	5° 1	23°27	22° 1	1°14	5°23	T 3
W 4	16 50 29	13°30'11	26°36	4° 5	0♊45	5°41	4°38	0°55	22°12	20°21	5° 2	23°20	21°58	1°21	5°22	W 4
T 5	16 54 25	14°27'36	10♋10	4°25	1°59	5°55	4°47	1° 2	22°15	20°21	5° 3	23°11	21°55	1°28	5°20	T 5
F 6	16 58 22	15°25'01	23°22	4°41	3°12	6°10	4°56	1°10	22°19	20°22	5° 4	23° 3	21°52	1°34	5°18	F 6
S 7	17 2 18	16°22'24	6♌12	4°52	4°25	6°25	5° 5	1°18	22°22	20°22	5° 5	22°55	21°49	1°41	5°17	S 7
S 8	17 6 15	17°19'46	18°43	4°58	5°39	6°41	5°13	1°25	22°25	20°23	5° 7	22°50	21°45	1°48	5°15	S 8
M 9	17 10 11	18°17'07	0♍56	5°R 0	6°52	6°58	5°22	1°33	22°29	20°23	5° 8	22°46	21°42	1°54	5°13	M 9
T 10	17 14 8	19°14'28	12°56	4°58	8° 6	7°15	5°31	1°41	22°32	20°24	5° 9	22°44	21°39	2° 1	5°11	T 10
W11	17 18 4	20°11'47	24°48	4°51	9°19	7°33	5°39	1°48	22°35	20°24	5°10	22°D44	21°36	2° 8	5° 9	W11
T 12	17 22 1	21° 9'05	6♎37	4°39	10°33	7°51	5°47	1°56	22°38	20°25	5°11	22°45	21°33	2°14	5° 7	T 12
F 13	17 25 58	22° 6'22	18°28	4°24	11°46	8° 9	5°55	2° 4	22°41	20°25	5°12	22°R46	21°30	2°21	5° 5	F 13
S 14	17 29 54	23° 3'39	0♏27	4° 5	12°59	8°28	6° 3	2°11	22°44	20°25	5°13	22°45	21°26	2°28	5° 3	S 14
S 15	17 33 51	24° 0'55	12°37	3°42	14°13	8°48	6°11	2°19	22°47	20°26	5°14	22°43	21°23	2°34	5° 0	S 15
M16	17 37 47	24°58'10	25° 2	3°16	15°26	9° 7	6°19	2°27	22°51	20°26	5°15	22°39	21°20	2°41	4°58	M16
T 17	17 41 44	25°55'24	7♐46	2°47	16°40	9°28	6°26	2°35	22°54	20°26	5°16	22°33	21°17	2°48	4°56	T 17
W18	17 45 40	26°52'38	20°48	2°16	17°53	9°48	6°34	2°43	22°57	20°26	5°16	22°24	21°14	2°54	4°53	W18
T 19	17 49 37	27°49'51	4♑ 8	1°44	19° 7	10°10	6°41	2°50	23° 0	20°26	5°17	22°14	21°10	3° 1	4°51	T 19
F 20	17 53 34	28°47'04	17°44	1° 9	20°20	10°31	6°48	2°58	23° 3	20°26	5°18	22° 3	21° 7	3° 7	4°48	F 20
S 21	17 57 30	29°44'17	1♒33	0°35	21°34	10°53	6°55	3° 6	23° 6	20°27	5°19	21°53	21° 4	3°14	4°46	S 21
S 22	18 1 27	0♋41'30	15°32	29♊59	22°47	11°15	7° 2	3°14	23° 9	20°27	5°20	21°45	21° 1	3°21	4°43	S 22
M23	18 5 23	1°38'42	29°37	29°25	24° 1	11°38	7° 8	3°22	23°11	20°R27	5°21	21°39	20°58	3°27	4°41	M23
T 24	18 9 20	2°35'54	13♓45	28°52	25°15	12° 1	7°15	3°29	23°14	20°27	5°22	21°35	20°55	3°34	4°38	T 24
W25	18 13 16	3°33'06	27°54	28°20	26°28	12°25	7°21	3°37	23°17	20°27	5°23	21°34	20°51	3°41	4°35	W25
T 26	18 17 13	4°30'19	12♈ 2	27°51	27°42	12°49	7°27	3°45	23°20	20°26	5°23	21°D34	20°48	3°47	4°32	T 26
F 27	18 21 9	5°27'31	26° 8	27°24	28°55	13°13	7°33	3°53	23°23	20°26	5°24	21°R34	20°45	3°54	4°30	F 27
S 28	18 25 6	6°24'43	10♉12	27° 1	0♋ 9	13°37	7°39	4° 1	23°26	20°26	5°25	21°33	20°42	4° 1	4°27	S 28
S 29	18 29 3	7°21'56	24°11	26°41	1°23	14° 2	7°45	4° 9	23°28	20°26	5°26	21°30	20°39	4° 7	4°24	S 29
M30	18 32 59	8♋19'09	8♊ 4	26♊25	2♋36	14♎28	7♈50	4♋16	23♉31	20♓26	5♉26	21♈24	20♈36	4♎14	4♒21	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 4	17n53	1n49	24n30	1n 4	18n39	0s54	1s36	0n26	0n34	1s11	22n42	0s46	18n 1	0s17	4s51	1s 6	2s10	16s15	9n11	8n37	1n18	11s50	7n19
M 2	22 12	22 45	2 57	24 18	0 52	18 58	0 52	1 43	0 24	0 37	1 11	22 42	0 46	18 2	0 17	4 51	1 6	2 9	16 16	9 9	8 36	1 15	11 50	7 19
T 3	22 19	26 12	3 53	24 4	0 40	19 16	0 50	1 50	0 22	0 41	1 12	22 42	0 45	18 3	0 17	4 51	1 6	2 9	16 16	9 7	8 35	1 11	11 50	7 19
W 4	22 26	27 59	4 34	23 51	0 27	19 33	0 47	1 57	0 20	0 44	1 12	22 42	0 45	18 4	0 17	4 50	1 6	2 9	16 16	9 4	8 34	1 8	11 50	7 20
T 5	22 33	28 2	4 59	23 36	0 13	19 50	0 45	2 4	0 18	0 48	1 12	22 42	0 45	18 5	0 17	4 50	1 6	2 9	16 16	9 1	8 33	1 4	11 50	7 20
F 6	22 40	26 28	5 7	23 21	0s 2	20 7	0 43	2 12	0 16	0 51	1 12	22 42	0 45	18 6	0 17	4 50	1 6	2 9	16 16	8 58	8 32	1 1	11 50	7 21
S 7	22 46	23 33	4 58	23 5	0 17	20 23	0 41	2 20	0 15	0 55	1 13	22 42	0 45	18 7	0 17	4 50	1 6	2 9	16 17	8 55	8 30	0 57	11 50	7 21
S 8	22 51	19 36	4 36	22 49	0 33	20 38	0 39	2 28	0 13	0 58	1 13	22 42	0 45	18 7	0 17	4 50	1 6	2 8	16 17	8 53	8 29	0 54	11 50	7 21
M 9	22 57	14 55	4 2	22 33	0 49	20 53	0 36	2 36	0 11	1 1	1 13	22 42	0 45	18 8	0 17	4 50	1 6	2 8	16 17	8 52	8 28	0 51	11 50	7 22
T 10	23 1	9 44	3 17	22 17	1 5	21 7	0 34	2 44	0 9	1 4	1 13	22 42	0 45	18 9	0 17	4 49	1 6	2 8	16 17	8 51	8 27	0 47	11 50	7 22
W11	23 6	4 16	2 24	22 0	1 22	21 21	0 32	2 53	0 8	1 7	1 14	22 42	0 45	18 10	0 17	4 49	1 6	2 8	16 17	8 51	8 26	0 44	11 50	7 23
T 12	23 10	1s19	1 25	21 44	1 39	21 34	0 29	3 1	0 6	1 10	1 14	22 42	0 45	18 11	0 17	4 49	1 6	2 8	16 18	8 51	8 24	0 40	11 50	7 23
F 13	23 13	6 54	0 23	21 27	1 56	21 46	0 27	3 10	0 4	1 13	1 14	22 42	0 44	18 11	0 17	4 49	1 6	2 8	16 18	8 52	8 23	0 37	11 50	7 23
S 14	23 17	12 17	0s41	21 11	2 13	21 58	0 25	3 19	0 3	1 16	1 14	22 42	0 44	18 12	0 17	4 49	1 6	2 8	16 18	8 51	8 22	0 34	11 50	7 24
S 15	23 19	17 17	1 44	20 55	2 29	22 9	0 22	3 29	0 1	1 19	1 15	22 42	0 44	18 13	0 17	4 49	1 6	2 8	16 18	8 51	8 21	0 30	11 50	7 24
M16	23 22	21 41	2 43	20 40	2 45	22 20	0 20	3 38	0s 1	1 22	1 15	22 42	0 44	18 14	0 17	4 49	1 7	2 8	16 19	8 49	8 20	0 27	11 51	7 25
T 17	23 24	25 10	3 36	20 25	3 1	22 30	0 18	3 47	0 2	1 25	1 15	22 42	0 44	18 15	0 17	4 49	1 7	2 8	16 19	8 47	8 18	0 23	11 51	7 25
W18	23 25	27 26	4 18	20 10	3 16	22 39	0 15	3 57	0 4	1 27	1 15	22 42	0 44	18 15	0 17	4 49	1 7	2 8	16 19	8 43	8 17	0 20	11 51	7 25
T 19	23 27	28 12	4 48	19 57	3 30	22 48	0 13	4 7	0 5	1 30	1 16	22 42	0 44	18 16	0 17	4 49	1 7	2 7	16 19	8 40	8 16	0 17	11 51	7 26
F 20	23 27	27 16	5 2	19 44	3 43	22 56	0 10	4 16	0 7	1 32	1 16	22 42	0 44	18 17	0 17	4 49	1 7	2 7	16 20	8 36	8 15	0 13	11 52	7 26
S 21	23 28	24 41	4 58	19 32	3 55	23 3	0 8	4 26	0 8	1 35	1 16	22 42	0 44	18 18	0 17	4 49	1 7	2 7	16 20	8 32	8 14	0 10	11 52	7 26
S 22	23 27	20 36	4 37	19 22	4 6	23 10	0 6	4 37	0 10	1 37	1 16	22 42	0 44	18 18	0 17	4 49	1 7	2 7	16 20	8 29	8 13	0 6	11 52	7 27
M23	23 27	15 21	3 59	19 12	4 15	23 16	0 3	4 47	0 11	1 40	1 17	22 41	0 44	18 19	0 17	4 49	1 7	2 7	16 20	8 27	8 11	0 3	11 52	7 27
T 24	23 26	9 16	3 7	19 4	4 23	23 22	0 1	4 57	0 13	1 42	1 17	22 41	0 43	18 20	0 17	4 49	1 7	2 7	16 21	8 25	8 10	0s 1	11 53	7 27
W25	23 25	2 42	2 2	18 57	4 30	23 26	0n 2	5 8	0 14	1 44	1 17	22 41	0 43	18 21	0 17	4 49	1 7	2 7	16 21	8 25	8 9	0 4	11 53	7 27
T 26	23 23	3n59	0 50	18 52	4 35	23 30	0 4	5 18	0 16	1 46	1 17	22 41	0 43	18 21	0 17	4 49	1 7	2 7	16 21	8 25	8 8	0 7	11 53	7 28
F 27	23 21	10 29	0n24	18 48	4 39	23 34	0 6	5 29	0 17	1 49	1 18	22 41	0 43	18 22	0 17	4 49	1 7	2 7	16 21	8 25	8 7	0 11	11 54	7 28
S 28	23 18	16 25	1 37	18 45	4 41	23 36	0 9	5 40	0 18	1 51	1 18	22 41	0 43	18 23	0 17	4 49	1 7	2 7	16 22	8 25	8 5	0 14	11 54	7 28
S 29	23 15	21 28	2 44	18 44	4 41	23 38	0 11	5 51	0 20	1 53	1 18	22 41	0 43	18 23	0 17	4 49	1 7	2 7	16 22	8 23	8 4	0 18	11 55	7 28
M30	23n12	25n17	3n40	18n45	4s40	23n40	0n14	6s 2	0s21	1n55	1s18	22n40	0s43	18n24	0s17	4s49	1s 7	2s 7	16s22	8n21	8n 3	0s21	11s55	7n29

Julian Day Number = 2399101.5, Delta T = 10.04 sec
Ecliptic obliquity = 23°27'37, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°44'07, Lahiri = 21°51'07

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ASTRODIENST EPHEMERIS for the year 1856
geocentric

JULY 1856 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 36 56	9♋16'22	21♊47	26°R13	3♋50	14♎53	7♈55	4♋24	23♉34	20°R26	5♉27	21°R15	20♈32	4♎21	4°R18	T 1
W 2	18 40 52	10°13'35	5♋19	26♊ 6	5° 4	15°19	8° 1	4°32	23°36	20♓25	5°28	21♈ 4	20°29	4°27	4♒15	W 2
T 3	18 44 49	11°10'48	18°35	26°D 4	6°17	15°45	8° 6	4°40	23°39	20°25	5°28	20°52	20°26	4°34	4°12	T 3
F 4	18 48 45	12° 8'01	1♌35	26° 6	7°31	16°12	8°10	4°48	23°42	20°25	5°29	20°40	20°23	4°41	4° 9	F 4
S 5	18 52 42	13° 5'14	14°18	26°14	8°45	16°39	8°15	4°55	23°44	20°24	5°30	20°29	20°20	4°47	4° 6	S 5
S 6	18 56 38	14° 2'27	26°43	26°26	9°58	17° 6	8°20	5° 3	23°47	20°24	5°30	20°19	20°16	4°54	4° 3	S 6
M 7	19 0 35	14°59'40	8♍53	26°44	11°12	17°34	8°24	5°11	23°49	20°23	5°31	20°13	20°13	5° 1	3°59	M 7
T 8	19 4 32	15°56'52	20°52	27° 7	12°26	18° 2	8°28	5°19	23°52	20°23	5°32	20° 9	20°10	5° 7	3°56	T 8
W 9	19 8 28	16°54'05	2♎43	27°35	13°40	18°30	8°32	5°26	23°54	20°22	5°32	20° 7	20° 7	5°14	3°53	W 9
T 10	19 12 25	17°51'17	14°31	28° 9	14°53	18°58	8°36	5°34	23°56	20°22	5°33	20° 6	20° 4	5°21	3°50	T 10
F 11	19 16 21	18°48'30	26°22	28°47	16° 7	19°27	8°39	5°42	23°59	20°21	5°33	20° 6	20° 1	5°27	3°47	F 11
S 12	19 20 18	19°45'42	8♏22	29°31	17°21	19°56	8°43	5°49	24° 1	20°21	5°34	20° 6	19°57	5°34	3°43	S 12
S 13	19 24 14	20°42'55	20°35	0♋19	18°35	20°25	8°46	5°57	24° 3	20°20	5°34	20° 3	19°54	5°40	3°40	S 13
M14	19 28 11	21°40'08	3♐ 6	1°13	19°48	20°54	8°49	6° 5	24° 6	20°20	5°35	19°59	19°51	5°47	3°37	M14
T 15	19 32 7	22°37'21	15°58	2°12	21° 2	21°24	8°52	6°12	24° 8	20°19	5°35	19°51	19°48	5°54	3°33	T 15
W16	19 36 4	23°34'34	29°13	3°15	22°16	21°54	8°54	6°20	24°10	20°18	5°35	19°42	19°45	6° 0	3°30	W16
T 17	19 40 1	24°31'48	12♑52	4°24	23°30	22°25	8°57	6°27	24°12	20°17	5°36	19°31	19°42	6° 7	3°27	T 17
F 18	19 43 57	25°29'02	26°51	5°37	24°44	22°55	8°59	6°35	24°14	20°17	5°36	19°19	19°38	6°14	3°23	F 18
S 19	19 47 54	26°26'17	11♒ 5	6°55	25°58	23°26	9° 1	6°43	24°16	20°16	5°37	19° 8	19°35	6°20	3°20	S 19
S 20	19 51 50	27°23'32	25°30	8°17	27°11	23°57	9° 3	6°50	24°18	20°15	5°37	18°59	19°32	6°27	3°17	S 20
M21	19 55 47	28°20'47	9♓59	9°44	28°25	24°28	9° 5	6°58	24°20	20°14	5°37	18°52	19°29	6°34	3°13	M21
T 22	19 59 43	29°18'04	24°26	11°15	29°39	24°59	9° 6	7° 5	24°22	20°13	5°38	18°48	19°26	6°40	3°10	T 22
W23	20 3 40	0♌15'21	8♈47	12°50	0♌53	25°31	9° 8	7°12	24°24	20°12	5°38	18°47	19°22	6°47	3° 6	W23
T 24	20 7 36	1°12'40	23° 0	14°29	2° 7	26° 3	9° 9	7°20	24°26	20°12	5°38	18°D46	19°19	6°54	3° 3	T 24
F 25	20 11 33	2° 9'59	7♉ 2	16°12	3°21	26°35	9°10	7°27	24°27	20°11	5°38	18°R46	19°16	7° 0	2°59	F 25
S 26	20 15 30	3° 7'19	20°55	17°59	4°35	27° 8	9°10	7°35	24°29	20°10	5°39	18°45	19°13	7° 7	2°56	S 26
S 27	20 19 26	4° 4'41	4♊37	19°48	5°49	27°40	9°11	7°42	24°31	20° 9	5°39	18°42	19°10	7°14	2°53	S 27
M28	20 23 23	5° 2'04	18° 8	21°41	7° 3	28°13	9°11	7°49	24°33	20° 8	5°39	18°37	19° 7	7°20	2°49	M28
T 29	20 27 19	5°59'27	1♋28	23°36	8°17	28°46	9°R11	7°56	24°34	20° 7	5°39	18°28	19° 3	7°27	2°46	T 29
W30	20 31 16	6°56'52	14°37	25°34	9°31	29°19	9°11	8° 4	24°36	20° 5	5°39	18°18	19° 0	7°33	2°42	W30
T 31	20 35 12	7♌54'18	27♋32	27♋34	10♌45	29♎53	9♈11	8♋11	24♉37	20♓ 4	5♉39	18♈ 6	18♈57	7♎40	2♒39	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 8	27n34	4n22	18n47	4s38	23n40	0n16	6s13	0s22	1n56	1s19	22n40	0s43	18n25	0s17	4s50	1s 7	2s 7	16s22	8n18	8n 2	0s24	11s56	7n29
W 2	23 4	28 11	4 50	18 50	4 34	23 40	0 18	6 24	0 24	1 58	1 19	22 40	0 43	18 25	0 17	4 50	1 7	2 8	16 23	8 14	8 1	0 28	11 56	7 29
T 3	22 59	27 8	5 0	18 55	4 29	23 39	0 21	6 35	0 25	2 0	1 19	22 40	0 43	18 26	0 17	4 50	1 7	2 8	16 23	8 9	7 59	0 31	11 56	7 29
F 4	22 54	24 37	4 55	19 1	4 23	23 38	0 23	6 47	0 26	2 2	1 20	22 40	0 43	18 27	0 17	4 50	1 7	2 8	16 23	8 5	7 58	0 35	11 57	7 30
S 5	22 49	20 57	4 36	19 8	4 16	23 35	0 25	6 58	0 27	2 3	1 20	22 40	0 43	18 27	0 17	4 50	1 7	2 8	16 24	8 0	7 57	0 38	11 57	7 30
S 6	22 43	16 25	4 3	19 17	4 8	23 32	0 27	7 10	0 29	2 5	1 20	22 39	0 43	18 28	0 17	4 50	1 7	2 8	16 24	7 57	7 56	0 42	11 58	7 30
M 7	22 37	11 20	3 20	19 26	3 59	23 29	0 30	7 21	0 30	2 6	1 20	22 39	0 42	18 28	0 17	4 51	1 7	2 8	16 24	7 54	7 55	0 45	11 59	7 30
T 8	22 30	5 54	2 28	19 37	3 49	23 24	0 32	7 33	0 31	2 7	1 21	22 39	0 42	18 29	0 17	4 51	1 8	2 8	16 24	7 53	7 53	0 48	11 59	7 30
W 9	22 23	0 19	1 31	19 48	3 38	23 19	0 34	7 45	0 32	2 9	1 21	22 39	0 42	18 30	0 17	4 51	1 8	2 8	16 25	7 52	7 52	0 52	12 0	7 30
T 10	22 16	5s16	0 30	20 0	3 27	23 14	0 36	7 57	0 33	2 10	1 21	22 38	0 42	18 30	0 17	4 51	1 8	2 8	16 25	7 52	7 51	0 55	12 0	7 31
F 11	22 8	10 42	0s33	20 12	3 15	23 7	0 38	8 9	0 34	2 11	1 22	22 38	0 42	18 31	0 17	4 52	1 8	2 8	16 25	7 52	7 50	0 59	12 1	7 31
S 12	22 0	15 48	1 35	20 25	3 3	23 0	0 40	8 21	0 36	2 12	1 22	22 38	0 42	18 31	0 17	4 52	1 8	2 8	16 26	7 52	7 49	1 2	12 1	7 31
S 13	21 52	20 23	2 34	20 38	2 50	22 52	0 42	8 33	0 37	2 13	1 22	22 38	0 42	18 32	0 17	4 52	1 8	2 9	16 26	7 51	7 47	1 6	12 2	7 31
M14	21 43	24 10	3 27	20 51	2 36	22 44	0 44	8 45	0 38	2 14	1 22	22 37	0 42	18 32	0 17	4 52	1 8	2 9	16 26	7 49	7 46	1 9	12 3	7 31
T 15	21 34	26 52	4 10	21 4	2 23	22 35	0 46	8 57	0 39	2 15	1 23	22 37	0 42	18 33	0 17	4 53	1 8	2 9	16 27	7 46	7 45	1 12	12 3	7 31
W16	21 24	28 9	4 42	21 16	2 9	22 25	0 48	9 9	0 40	2 16	1 23	22 37	0 42	18 34	0 17	4 53	1 8	2 9	16 27	7 43	7 44	1 16	12 4	7 31
T 17	21 14	27 47	4 59	21 28	1 55	22 14	0 50	9 22	0 41	2 16	1 23	22 36	0 42	18 34	0 17	4 53	1 8	2 9	16 27	7 38	7 43	1 19	12 5	7 31
F 18	21 4	25 41	4 58	21 40	1 41	22 3	0 52	9 34	0 42	2 17	1 24	22 36	0 42	18 35	0 17	4 54	1 8	2 9	16 28	7 34	7 41	1 23	12 5	7 31
S 19	20 53	21 56	4 39	21 50	1 27	21 52	0 54	9 46	0 43	2 18	1 24	22 36	0 42	18 35	0 17	4 54	1 8	2 10	16 28	7 30	7 40	1 26	12 6	7 32
S 20	20 42	16 50	4 2	21 59	1 13	21 39	0 56	9 59	0 44	2 18	1 24	22 35	0 42	18 36	0 17	4 54	1 8	2 10	16 28	7 26	7 39	1 29	12 7	7 32
M21	20 31	10 46	3 10	22 7	0 59	21 26	0 58	10 11	0 45	2 18	1 25	22 35	0 42	18 36	0 17	4 55	1 8	2 10	16 29	7 24	7 38	1 33	12 7	7 32
T 22	20 19	4 8	2 5	22 14	0 45	21 13	0 59	10 24	0 46	2 19	1 25	22 35	0 41	18 36	0 17	4 55	1 8	2 10	16 29	7 22	7 37	1 36	12 8	7 32
W23	20 7	2n41	0 53	22 19	0 32	20 58	1 1	10 36	0 47	2 19	1 25	22 34	0 41	18 37	0 17	4 56	1 8	2 10	16 29	7 22	7 35	1 40	12 9	7 32
T 24	19 54	9 18	0n22	22 22	0 19	20 43	1 3	10 49	0 48	2 19	1 25	22 34	0 41	18 37	0 17	4 56	1 8	2 11	16 29	7 22	7 34	1 43	12 10	7 32
F 25	19 42	15 22	1 35	22 23	0 6	20 28	1 4	11 1	0 49	2 19	1 26	22 34	0 41	18 38	0 17	4 56	1 8	2 11	16 30	7 22	7 33	1 47	12 10	7 32
S 26	19 29	20 36	2 42	22 22	0n 7	20 12	1 6	11 14	0 50	2 19	1 26	22 33	0 41	18 38	0 17	4 57	1 8	2 11	16 30	7 21	7 32	1 50	12 11	7 32
S 27	19 15	24 39	3 38	22 18	0 18	19 55	1 7	11 26	0 50	2 19	1 26	22 33	0 41	18 39	0 17	4 57	1 8	2 11	16 30	7 20	7 31	1 53	12 12	7 32
M28	19 1	27 15	4 21	22 12	0 30	19 38	1 9	11 39	0 51	2 19	1 27	22 33	0 41	18 39	0 17	4 58	1 8	2 12	16 31	7 18	7 29	1 57	12 13	7 32
T 29	18 47	28 16	4 49	22 3	0 40	19 20	1 10	11 52	0 52	2 19	1 27	22 32	0 41	18 39	0 17	4 58	1 8	2 12	16 31	7 15	7 28	2 0	12 14	7 32
W30	18 33	27 39	5 1	21 52	0 50	19 2	1 12	12 4	0 53	2 19	1 27	22 32	0 41	18 40	0 17	4 59	1 8	2 12	16 31	7 11	7 27	2 4	12 14	7 31
T 31	18n18	25n32	4n58	21n38	0n59	18n43	1n13	12s17	0s54	2n18	1s27	22n32	0s41	18n40	0s17	4s59	1s 8	2s12	16s32	7n 6	7n26	2s 7	12s15	7n31

Julian Day Number = 2399131.5, Delta T = 10.01 sec
Ecliptic obliquity = 23°27'37, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°44'11, Lahiri = 21°51'11

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ASTRODIENST EPHEMERIS for the year 1856
geocentric

AUGUST 1856 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 39 9	8♌51'44	10♌15	29♋35	11♌59	0♏26	9°R11	8♋18	24♉39	20°R 3	5♉39	17°R54	18♈54	7♎47	2°R36	F 1
S 2	20 43 6	9°49'12	22°44	1♌38	13°13	1° 0	9♈10	8°25	24°40	20♓ 2	5°40	17♈43	18°51	7°53	2♒32	S 2
S 3	20 47 2	10°46'40	4♍59	3°41	14°27	1°34	9° 9	8°32	24°42	20° 1	5°40	17°34	18°48	8° 0	2°29	S 3
M 4	20 50 59	11°44'09	17° 3	5°45	15°41	2° 8	9° 8	8°39	24°43	20° 0	5°40	17°28	18°44	8° 7	2°26	M 4
T 5	20 54 55	12°41'39	28°57	7°50	16°55	2°43	9° 7	8°46	24°44	19°58	5°R40	17°24	18°41	8°13	2°22	T 5
W 6	20 58 52	13°39'10	10♎46	9°54	18° 9	3°17	9° 5	8°53	24°45	19°57	5°40	17°22	18°38	8°20	2°19	W 6
T 7	21 2 48	14°36'42	22°33	11°58	19°24	3°52	9° 4	9° 0	24°47	19°56	5°40	17°D22	18°35	8°27	2°16	T 7
F 8	21 6 45	15°34'14	4♏23	14° 2	20°38	4°27	9° 2	9° 7	24°48	19°55	5°40	17°23	18°32	8°33	2°12	F 8
S 9	21 10 41	16°31'48	16°21	16° 5	21°52	5° 2	9° 0	9°13	24°49	19°53	5°39	17°R23	18°28	8°40	2° 9	S 9
S 10	21 14 38	17°29'22	28°34	18° 7	23° 6	5°38	8°58	9°20	24°50	19°52	5°39	17°22	18°25	8°47	2° 6	S 10
M11	21 18 34	18°26'58	11♐ 5	20° 8	24°20	6°13	8°55	9°27	24°51	19°51	5°39	17°20	18°22	8°53	2° 3	M11
T 12	21 22 31	19°24'34	23°59	22° 8	25°34	6°49	8°52	9°34	24°52	19°49	5°39	17°15	18°19	9° 0	1°59	T 12
W13	21 26 28	20°22'12	7♑20	24° 7	26°48	7°25	8°50	9°40	24°53	19°48	5°39	17° 9	18°16	9° 7	1°56	W13
T 14	21 30 24	21°19'50	21° 7	26° 5	28° 3	8° 1	8°47	9°47	24°54	19°47	5°39	17° 1	18°13	9°13	1°53	T 14
F 15	21 34 21	22°17'30	5♒19	28° 2	29°17	8°37	8°44	9°53	24°54	19°45	5°39	16°52	18° 9	9°20	1°50	F 15
S 16	21 38 17	23°15'11	19°52	29°57	0♍31	9°13	8°40	10° 0	24°55	19°44	5°38	16°44	18° 6	9°27	1°47	S 16
S 17	21 42 14	24°12'53	4♓38	1♍51	1°45	9°50	8°37	10° 6	24°56	19°42	5°38	16°37	18° 3	9°33	1°44	S 17
M18	21 46 10	25°10'36	19°31	3°43	2°59	10°26	8°33	10°12	24°57	19°41	5°38	16°32	18° 0	9°40	1°41	M18
T 19	21 50 7	26° 8'21	4♈21	5°34	4°13	11° 3	8°29	10°19	24°57	19°39	5°38	16°29	17°57	9°46	1°38	T 19
W20	21 54 4	27° 6'07	19° 2	7°24	5°28	11°40	8°25	10°25	24°58	19°38	5°37	16°D29	17°54	9°53	1°35	W20
T 21	21 58 0	28° 3'56	3♉29	9°12	6°42	12°17	8°21	10°31	24°58	19°36	5°37	16°30	17°50	10° 0	1°32	T 21
F 22	22 1 57	29° 1'46	17°39	10°59	7°56	12°55	8°16	10°37	24°59	19°35	5°37	16°31	17°47	10° 6	1°29	F 22
S 23	22 5 53	29°59'38	1♊31	12°44	9°10	13°32	8°12	10°43	24°59	19°33	5°36	16°R31	17°44	10°13	1°26	S 23
S 24	22 9 50	0♍57'31	15° 6	14°28	10°25	14°10	8° 7	10°49	25° 0	19°32	5°36	16°30	17°41	10°20	1°23	S 24
M25	22 13 46	1°55'27	28°25	16°11	11°39	14°47	8° 2	10°55	25° 0	19°30	5°36	16°27	17°38	10°26	1°21	M25
T 26	22 17 43	2°53'25	11♋28	17°53	12°53	15°25	7°57	11° 1	25° 0	19°29	5°35	16°23	17°34	10°33	1°18	T 26
W27	22 21 39	3°51'24	24°17	19°33	14° 7	16° 3	7°51	11° 6	25° 0	19°27	5°35	16°16	17°31	10°40	1°15	W27
T 28	22 25 36	4°49'25	6♌54	21°12	15°22	16°42	7°46	11°12	25° 1	19°26	5°34	16° 9	17°28	10°46	1°13	T 28
F 29	22 29 33	5°47'27	19°19	22°50	16°36	17°20	7°40	11°18	25° 1	19°24	5°34	16° 2	17°25	10°53	1°10	F 29
S 30	22 33 29	6°45'32	1♍32	24°26	17°50	17°58	7°35	11°23	25° 1	19°22	5°33	15°55	17°22	11° 0	1° 8	S 30
S 31	22 37 26	7♍43'38	13♍37	26♍ 1	19♍ 4	18♏37	7♈29	11♋29	25°R 1	19♓21	5♉33	15♈50	17♈19	11♎ 6	1♒ 5	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n 4	22n10	4n40	21n21	1n 7	18n24	1n14	12s29	0s55	2n18	1s28	22n31	0s41	18n41	0s17	5s 0	1s 8	2s13	16s32	7n 2	7n25	2s11	12s16	7n31
S 2	17 48	17 51	4 8	21 2	1 15	18 4	1 15	12 42	0 56	2 17	1 28	22 31	0 41	18 41	0 17	5 0	1 9	2 13	16 32	6 58	7 23	2 14	12 17	7 31
S 3	17 33	12 53	3 26	20 40	1 22	17 44	1 16	12 55	0 56	2 17	1 28	22 30	0 41	18 41	0 17	5 1	1 9	2 13	16 33	6 54	7 22	2 17	12 18	7 31
M 4	17 17	7 29	2 34	20 16	1 27	17 23	1 17	13 7	0 57	2 16	1 29	22 30	0 41	18 42	0 17	5 1	1 9	2 14	16 33	6 52	7 21	2 21	12 18	7 31
T 5	17 1	1 54	1 37	19 49	1 32	17 1	1 18	13 20	0 58	2 15	1 29	22 30	0 41	18 42	0 17	5 2	1 9	2 14	16 33	6 50	7 20	2 24	12 19	7 31
W 6	16 44	3s43	0 35	19 20	1 37	16 39	1 19	13 33	0 59	2 14	1 29	22 29	0 41	18 42	0 17	5 2	1 9	2 14	16 34	6 49	7 18	2 28	12 20	7 31
T 7	16 28	9 13	0s28	18 49	1 40	16 17	1 20	13 45	1 0	2 13	1 30	22 29	0 41	18 42	0 17	5 3	1 9	2 14	16 34	6 49	7 17	2 31	12 21	7 31
F 8	16 11	14 24	1 30	18 16	1 43	15 54	1 21	13 58	1 0	2 12	1 30	22 28	0 41	18 43	0 17	5 3	1 9	2 15	16 34	6 50	7 16	2 34	12 22	7 31
S 9	15 54	19 7	2 29	17 41	1 44	15 31	1 22	14 10	1 1	2 11	1 30	22 28	0 41	18 43	0 17	5 4	1 9	2 15	16 35	6 50	7 15	2 38	12 23	7 30
S 10	15 36	23 8	3 22	17 5	1 45	15 8	1 22	14 23	1 2	2 10	1 30	22 27	0 41	18 43	0 17	5 4	1 9	2 15	16 35	6 50	7 14	2 41	12 24	7 30
M11	15 19	26 12	4 7	16 27	1 46	14 44	1 23	14 35	1 3	2 9	1 31	22 27	0 40	18 43	0 17	5 5	1 9	2 16	16 35	6 49	7 12	2 45	12 24	7 30
T 12	15 1	28 0	4 41	15 48	1 46	14 19	1 24	14 48	1 3	2 8	1 31	22 27	0 40	18 44	0 17	5 5	1 9	2 16	16 36	6 47	7 11	2 48	12 25	7 30
W13	14 43	28 16	5 1	15 8	1 45	13 54	1 24	15 0	1 4	2 6	1 31	22 26	0 40	18 44	0 17	5 6	1 9	2 16	16 36	6 44	7 10	2 52	12 26	7 30
T 14	14 24	26 49	5 5	14 27	1 43	13 29	1 25	15 13	1 5	2 5	1 31	22 26	0 40	18 44	0 17	5 6	1 9	2 17	16 36	6 41	7 9	2 55	12 27	7 29
F 15	14 6	23 39	4 50	13 45	1 41	13 4	1 25	15 25	1 5	2 3	1 32	22 25	0 40	18 44	0 17	5 7	1 9	2 17	16 37	6 38	7 8	2 58	12 28	7 29
S 16	13 47	18 56	4 17	13 2	1 38	12 38	1 25	15 37	1 6	2 2	1 32	22 25	0 40	18 44	0 17	5 8	1 9	2 18	16 37	6 35	7 6	3 2	12 29	7 29
S 17	13 28	13 0	3 26	12 19	1 35	12 12	1 26	15 50	1 7	2 0	1 32	22 24	0 40	18 45	0 17	5 8	1 9	2 18	16 37	6 32	7 5	3 5	12 30	7 29
M18	13 8	6 18	2 20	11 35	1 32	11 45	1 26	16 2	1 7	1 59	1 32	22 24	0 40	18 45	0 17	5 9	1 9	2 18	16 38	6 30	7 4	3 9	12 30	7 28
T 19	12 49	0n44	1 5	10 50	1 28	11 18	1 26	16 14	1 8	1 57	1 33	22 24	0 40	18 45	0 17	5 9	1 9	2 19	16 38	6 29	7 3	3 12	12 31	7 28
W20	12 29	7 40	0n14	10 5	1 23	10 51	1 26	16 26	1 9	1 55	1 33	22 23	0 40	18 45	0 17	5 10	1 9	2 19	16 38	6 29	7 2	3 15	12 32	7 28
T 21	12 9	14 6	1 30	9 20	1 18	10 23	1 26	16 38	1 9	1 53	1 33	22 23	0 40	18 45	0 17	5 11	1 9	2 19	16 38	6 29	7 0	3 19	12 33	7 28
F 22	11 49	19 40	2 40	8 35	1 13	9 56	1 26	16 50	1 10	1 51	1 33	22 22	0 40	18 45	0 17	5 11	1 9	2 20	16 39	6 30	6 59	3 22	12 34	7 27
S 23	11 29	24 3	3 39	7 50	1 8	9 28	1 26	17 2	1 10	1 49	1 34	22 22	0 40	18 45	0 17	5 12	1 9	2 20	16 39	6 30	6 58	3 26	12 35	7 27
S 24	11 9	27 0	4 24	7 4	1 2	8 59	1 25	17 14	1 11	1 47	1 34	22 21	0 40	18 45	0 17	5 12	1 9	2 21	16 39	6 30	6 57	3 29	12 36	7 27
M25	10 48	28 21	4 54	6 19	0 56	8 31	1 25	17 26	1 11	1 45	1 34	22 21	0 40	18 46	0 17	5 13	1 9	2 21	16 40	6 29	6 55	3 33	12 37	7 27
T 26	10 27	28 5	5 8	5 33	0 49	8 2	1 25	17 37	1 12	1 43	1 34	22 20	0 40	18 46	0 17	5 14	1 9	2 21	16 40	6 27	6 54	3 36	12 38	7 26
W27	10 6	26 18	5 6	4 48	0 43	7 33	1 24	17 49	1 13	1 40	1 35	22 20	0 40	18 46	0 17	5 14	1 9	2 22	16 40	6 24	6 53	3 39	12 38	7 26
T 28	9 45	23 14	4 49	4 2	0 36	7 4	1 24	18 0	1 13	1 38	1 35	22 20	0 40	18 46	0 17	5 15	1 9	2 22	16 40	6 22	6 52	3 43	12 39	7 26
F 29	9 24	19 8	4 19	3 17	0 29	6 34	1 23	18 12	1 14	1 36	1 35	22 19	0 40	18 46	0 17	5 16	1 9	2 23	16 41	6 19	6 51	3 46	12 40	7 25
S 30	9 2	14 19	3 37	2 32	0 22	6 5	1 23	18 23	1 14	1 33	1 35	22 19	0 40	18 46	0 17	5 16	1 9	2 23	16 41	6 16	6 49	3 50	12 41	7 25
S 31	8n41	9n 0	2n46	1n48	0n14	5n35	1n22	18s35	1s15	1n31	1s35	22n18	0s40	18n46	0s17	5s17	1s 9	2s24	16s41	6n14	6n48	3s53	12s42	7n25

Julian Day Number = 2399162.5, Delta T = 9.99 sec
Ecliptic obliquity = 23°27'37, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°44'15, Lahiri = 21°51'16

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ASTRODIENST EPHEMERIS for the year 1856
geocentric

SEPTEMBER 1856 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 41 22	8♍41'45	25♍33	27♍35	20♍19	19♏16	7°R23	11♋34	25°R 1	19°R19	5°R32	15°R46	17♈15	11♎13	1°R 3	M 1
T 2	22 45 19	9°39'54	7♎23	29° 8	21°33	19°55	7♈16	11°40	25♉ 1	19♓18	5♉32	15♈44	17°12	11°19	1♒ 0	T 2
W 3	22 49 15	10°38'05	19° 9	0♎39	22°47	20°34	7°10	11°45	25° 0	19°16	5°31	15°D43	17° 9	11°26	0°58	W 3
T 4	22 53 12	11°36'18	0♏56	2°10	24° 2	21°13	7° 4	11°50	25° 0	19°14	5°31	15°44	17° 6	11°33	0°56	T 4
F 5	22 57 8	12°34'32	12°46	3°39	25°16	21°52	6°57	11°55	25° 0	19°13	5°30	15°46	17° 3	11°39	0°54	F 5
S 6	23 1 5	13°32'47	24°44	5° 6	26°30	22°32	6°50	12° 0	25° 0	19°11	5°29	15°48	17° 0	11°46	0°51	S 6
S 7	23 5 1	14°31'04	6♐55	6°33	27°45	23°11	6°44	12° 5	24°59	19° 9	5°29	15°49	16°56	11°53	0°49	S 7
M 8	23 8 58	15°29'23	19°23	7°58	28°59	23°51	6°37	12°10	24°59	19° 8	5°28	15°R49	16°53	11°59	0°47	M 8
T 9	23 12 55	16°27'43	2♑14	9°22	0♎13	24°31	6°30	12°15	24°59	19° 6	5°27	15°48	16°50	12° 6	0°45	T 9
W10	23 16 51	17°26'05	15°31	10°44	1°27	25°11	6°22	12°20	24°58	19° 4	5°27	15°46	16°47	12°13	0°43	W10
T 11	23 20 48	18°24'29	29°15	12° 6	2°42	25°51	6°15	12°24	24°57	19° 3	5°26	15°42	16°44	12°19	0°42	T 11
F 12	23 24 44	19°22'54	13♒27	13°25	3°56	26°31	6° 8	12°29	24°57	19° 1	5°25	15°39	16°40	12°26	0°40	F 12
S 13	23 28 41	20°21'21	28° 4	14°44	5°10	27°11	6° 0	12°33	24°56	18°59	5°24	15°35	16°37	12°33	0°38	S 13
S 14	23 32 37	21°19'49	13♓ 1	16° 1	6°25	27°52	5°53	12°38	24°56	18°58	5°24	15°32	16°34	12°39	0°36	S 14
M15	23 36 34	22°18'19	28° 8	17°16	7°39	28°32	5°45	12°42	24°55	18°56	5°23	15°30	16°31	12°46	0°35	M15
T 16	23 40 30	23°16'51	13♈16	18°29	8°53	29°13	5°38	12°46	24°54	18°55	5°22	15°D30	16°28	12°52	0°33	T 16
W17	23 44 27	24°15'25	28°17	19°41	10° 8	29°54	5°30	12°51	24°53	18°53	5°21	15°30	16°25	12°59	0°32	W17
T 18	23 48 24	25°14'02	13♉ 3	20°52	11°22	0♐35	5°22	12°55	24°52	18°51	5°21	15°31	16°21	13° 6	0°30	T 18
F 19	23 52 20	26°12'40	27°29	22° 0	12°36	1°15	5°14	12°59	24°51	18°50	5°20	15°32	16°18	13°12	0°29	F 19
S 20	23 56 17	27°11'21	11♊31	23° 6	13°50	1°57	5° 7	13° 2	24°50	18°48	5°19	15°33	16°15	13°19	0°28	S 20
S 21	0 0 13	28°10'05	25°10	24°10	15° 5	2°38	4°59	13° 6	24°49	18°46	5°18	15°R34	16°12	13°26	0°26	S 21
M22	0 4 10	29° 8'50	8♋25	25°12	16°19	3°19	4°51	13°10	24°48	18°45	5°17	15°34	16° 9	13°32	0°25	M22
T 23	0 8 6	0♎ 7'38	21°21	26°11	17°33	4° 1	4°43	13°13	24°47	18°43	5°16	15°33	16° 5	13°39	0°24	T 23
W24	0 12 3	1° 6'28	3♌58	27° 8	18°48	4°42	4°35	13°17	24°46	18°41	5°15	15°31	16° 2	13°46	0°23	W24
T 25	0 15 59	2° 5'20	16°21	28° 2	20° 2	5°24	4°27	13°20	24°45	18°40	5°14	15°29	15°59	13°52	0°22	T 25
F 26	0 19 56	3° 4'14	28°32	28°53	21°16	6° 6	4°19	13°24	24°44	18°38	5°14	15°27	15°56	13°59	0°21	F 26
S 27	0 23 53	4° 3'11	10♍34	29°40	22°31	6°47	4°10	13°27	24°42	18°37	5°13	15°26	15°53	14° 6	0°20	S 27
S 28	0 27 49	5° 2'10	22°28	0♏24	23°45	7°29	4° 2	13°30	24°41	18°35	5°12	15°24	15°50	14°12	0°20	S 28
M29	0 31 46	6° 1'10	4♎18	1° 3	24°59	8°11	3°54	13°33	24°40	18°34	5°11	15°24	15°46	14°19	0°19	M29
T 30	0 35 42	7♎ 0'13	16♎ 5	1♏39	26♎13	8♐54	3♈46	13♋36	24♉38	18♓32	5♉10	15°D23	15♈43	14♎26	0♒18	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n19	3n25	1n48	1n 4	0n 7	5n 5	1n21	18s46	1s15	1n28	1s36	22n18	0s40	18n46	0s17	5s18	1s 9	2s24	16s42	6n13	6n47	3s56	12s43	7n24
T 2	7 57	2s14	0 45	0 20	0s 1	4 35	1 21	18 57	1 16	1 25	1 36	22 17	0 40	18 46	0 17	5 18	1 9	2 24	16 42	6 12	6 46	4 0	12 44	7 24
W 3	7 35	7 48	0s19	0s24	0 9	4 5	1 20	19 8	1 16	1 23	1 36	22 17	0 40	18 46	0 17	5 19	1 9	2 25	16 42	6 12	6 45	4 3	12 44	7 23
T 4	7 13	13 5	1 22	1 7	0 17	3 35	1 19	19 19	1 17	1 20	1 36	22 16	0 40	18 46	0 17	5 20	1 9	2 25	16 42	6 12	6 43	4 7	12 45	7 23
F 5	6 51	17 57	2 23	1 50	0 25	3 4	1 18	19 29	1 17	1 17	1 36	22 16	0 40	18 45	0 17	5 20	1 9	2 26	16 43	6 13	6 42	4 10	12 46	7 23
S 6	6 28	22 10	3 18	2 32	0 33	2 34	1 17	19 40	1 17	1 14	1 36	22 16	0 40	18 45	0 17	5 21	1 9	2 26	16 43	6 13	6 41	4 13	12 47	7 22
S 7	6 6	25 30	4 5	3 14	0 41	2 3	1 16	19 51	1 18	1 12	1 37	22 15	0 40	18 45	0 17	5 22	1 9	2 27	16 43	6 14	6 40	4 17	12 48	7 22
M 8	5 43	27 43	4 41	3 55	0 49	1 33	1 14	20 1	1 18	1 9	1 37	22 15	0 40	18 45	0 17	5 22	1 9	2 27	16 43	6 14	6 38	4 20	12 49	7 21
T 9	5 21	28 32	5 5	4 36	0 57	1 2	1 13	20 11	1 19	1 6	1 37	22 14	0 39	18 45	0 17	5 23	1 9	2 27	16 44	6 13	6 37	4 24	12 49	7 21
W10	4 58	27 45	5 14	5 16	1 6	0 31	1 12	20 21	1 19	1 3	1 37	22 14	0 39	18 45	0 17	5 24	1 9	2 28	16 44	6 13	6 36	4 27	12 50	7 21
T 11	4 35	25 18	5 5	5 55	1 14	0 0	1 11	20 31	1 20	1 0	1 37	22 14	0 39	18 45	0 17	5 24	1 9	2 28	16 44	6 11	6 35	4 31	12 51	7 20
F 12	4 12	21 14	4 38	6 34	1 22	0s30	1 9	20 41	1 20	0 57	1 37	22 13	0 39	18 45	0 17	5 25	1 9	2 29	16 44	6 10	6 34	4 34	12 52	7 20
S 13	3 49	15 47	3 52	7 12	1 30	1 1	1 8	20 51	1 20	0 54	1 37	22 13	0 39	18 45	0 17	5 25	1 9	2 29	16 45	6 8	6 32	4 37	12 53	7 19
S 14	3 26	9 17	2 50	7 49	1 38	1 32	1 6	21 1	1 21	0 51	1 38	22 12	0 39	18 44	0 17	5 26	1 9	2 30	16 45	6 7	6 31	4 41	12 53	7 19
M15	3 3	2 11	1 34	8 25	1 46	2 3	1 5	21 10	1 21	0 48	1 38	22 12	0 39	18 44	0 17	5 27	1 9	2 30	16 45	6 7	6 30	4 44	12 54	7 18
T 16	2 40	5n 3	0 12	9 1	1 54	2 34	1 3	21 19	1 21	0 45	1 38	22 12	0 39	18 44	0 17	5 27	1 9	2 31	16 45	6 6	6 29	4 48	12 55	7 18
W17	2 17	11 58	1n10	9 36	2 2	3 4	1 1	21 29	1 22	0 41	1 38	22 11	0 39	18 44	0 17	5 28	1 9	2 31	16 46	6 6	6 27	4 51	12 56	7 18
T 18	1 54	18 6	2 26	10 9	2 10	3 35	1 0	21 38	1 22	0 38	1 38	22 11	0 39	18 44	0 17	5 29	1 9	2 32	16 46	6 7	6 26	4 54	12 56	7 17
F 19	1 30	23 3	3 32	10 42	2 17	4 6	0 58	21 46	1 22	0 35	1 38	22 11	0 39	18 43	0 17	5 29	1 9	2 32	16 46	6 7	6 25	4 58	12 57	7 17
S 20	1 7	26 31	4 22	11 14	2 25	4 36	0 56	21 55	1 23	0 32	1 38	22 10	0 39	18 43	0 17	5 30	1 9	2 32	16 46	6 8	6 24	5 1	12 58	7 16
S 21	0 44	28 19	4 57	11 44	2 32	5 7	0 54	22 4	1 23	0 29	1 38	22 10	0 39	18 43	0 17	5 31	1 9	2 33	16 46	6 8	6 23	5 5	12 59	7 16
M22	0 20	28 25	5 14	12 14	2 39	5 37	0 52	22 12	1 23	0 25	1 38	22 10	0 39	18 43	0 17	5 31	1 9	2 33	16 47	6 8	6 21	5 8	12 59	7 15
T 23	0s 3	26 57	5 15	12 42	2 46	6 8	0 50	22 20	1 24	0 22	1 38	22 9	0 39	18 42	0 17	5 32	1 9	2 34	16 47	6 8	6 20	5 11	13 0	7 15
W24	0 26	24 8	5 0	13 8	2 52	6 38	0 48	22 28	1 24	0 19	1 38	22 9	0 39	18 42	0 17	5 33	1 9	2 34	16 47	6 7	6 19	5 15	13 1	7 14
T 25	0 50	20 16	4 32	13 34	2 59	7 8	0 46	22 36	1 24	0 16	1 38	22 9	0 39	18 42	0 17	5 33	1 9	2 35	16 47	6 6	6 18	5 18	13 1	7 14
F 26	1 13	15 37	3 52	13 57	3 4	7 38	0 44	22 44	1 24	0 13	1 38	22 8	0 39	18 41	0 17	5 34	1 9	2 35	16 47	6 5	6 16	5 21	13 2	7 13
S 27	1 37	10 25	3 1	14 19	3 10	8 7	0 42	22 51	1 25	0 9	1 38	22 8	0 39	18 41	0 17	5 34	1 9	2 36	16 47	6 5	6 15	5 25	13 3	7 13
S 28	2 0	4 53	2 4	14 40	3 15	8 37	0 39	22 58	1 25	0 6	1 38	22 8	0 39	18 41	0 17	5 35	1 9	2 36	16 48	6 4	6 14	5 28	13 3	7 12
M29	2 24	0s47	1 1	14 58	3 19	9 6	0 37	23 6	1 25	0 3	1 38	22 7	0 39	18 40	0 17	5 36	1 9	2 36	16 48	6 4	6 13	5 32	13 4	7 12
T 30	2s47	6s24	0s 4	15s14	3s23	9s35	0n35	23s12	1s25	0s 0	1s38	22n 7	0s39	18n40	0s17	5s36	1s 9	2s37	16s48	6n 4	6n12	5s35	13s 5	7n11

Julian Day Number = 2399193.5, Delta T = 9.96 sec
Ecliptic obliquity = 23°27'38, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°44'20, Lahiri = 21°51'20

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ASTRODIENST EPHEMERIS for the year 1856
geocentric

OCTOBER 1856 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 39 39	7♎59'18	27♎52	2♏10	27♎28	9♐36	3°R38	13♋39	24°R37	18°R30	5°R 9	15♈24	15♈40	14♎32	0°R18	W 1
T 2	0 43 35	8°58'24	9♏41	2°35	28°42	10°18	3♈30	13°41	24♉35	18♓29	5♉ 8	15°24	15°37	14°39	0♒17	T 2
F 3	0 47 32	9°57'33	21°35	2°56	29°56	11° 1	3°22	13°44	24°34	18°27	5° 7	15°25	15°34	14°45	0°17	F 3
S 4	0 51 28	10°56'44	3♐37	3°10	1♏11	11°43	3°14	13°47	24°32	18°26	5° 6	15°25	15°31	14°52	0°16	S 4
S 5	0 55 25	11°55'56	15°50	3°17	2°25	12°26	3° 7	13°49	24°30	18°24	5° 5	15°26	15°27	14°59	0°16	S 5
M 6	0 59 22	12°55'10	28°18	3°R18	3°39	13° 9	2°59	13°51	24°29	18°23	5° 4	15°26	15°24	15° 5	0°16	M 6
T 7	1 3 18	13°54'27	11♑ 5	3°12	4°53	13°52	2°51	13°53	24°27	18°21	5° 3	15°R26	15°21	15°12	0°16	T 7
W 8	1 7 15	14°53'44	24°15	2°57	6° 8	14°35	2°43	13°56	24°25	18°20	5° 2	15°D26	15°18	15°19	0°D16	W 8
T 9	1 11 11	15°53'04	7♒50	2°35	7°22	15°18	2°36	13°57	24°24	18°19	5° 1	15°26	15°15	15°25	0°16	T 9
F 10	1 15 8	16°52'25	21°51	2° 4	8°36	16° 1	2°28	13°59	24°22	18°17	5° 0	15°26	15°11	15°32	0°16	F 10
S 11	1 19 4	17°51'48	6♓18	1°25	9°50	16°44	2°21	14° 1	24°20	18°16	4°58	15°26	15° 8	15°39	0°16	S 11
S 12	1 23 1	18°51'13	21° 7	0°38	11° 5	17°27	2°13	14° 3	24°18	18°14	4°57	15°27	15° 5	15°45	0°16	S 12
M13	1 26 57	19°50'40	6♈13	29♎43	12°19	18°11	2° 6	14° 4	24°16	18°13	4°56	15°27	15° 2	15°52	0°17	M13
T 14	1 30 54	20°50'08	21°26	28°42	13°33	18°54	1°59	14° 6	24°14	18°12	4°55	15°R27	14°59	15°59	0°17	T 14
W15	1 34 51	21°49'39	6♉38	27°34	14°47	19°38	1°52	14° 7	24°12	18°10	4°54	15°27	14°56	16° 5	0°18	W15
T 16	1 38 47	22°49'12	21°38	26°23	16° 1	20°21	1°45	14° 8	24°10	18° 9	4°53	15°26	14°52	16°12	0°18	T 16
F 17	1 42 44	23°48'47	6♊18	25° 9	17°16	21° 5	1°38	14° 9	24° 8	18° 8	4°52	15°25	14°49	16°18	0°19	F 17
S 18	1 46 40	24°48'25	20°35	23°55	18°30	21°49	1°31	14°10	24° 6	18° 7	4°51	15°24	14°46	16°25	0°19	S 18
S 19	1 50 37	25°48'04	4♋23	22°42	19°44	22°33	1°24	14°11	24° 4	18° 5	4°50	15°23	14°43	16°32	0°20	S 19
M20	1 54 33	26°47'46	17°45	21°34	20°58	23°17	1°18	14°12	24° 2	18° 4	4°49	15°22	14°40	16°38	0°21	M20
T 21	1 58 30	27°47'31	0♌41	20°31	22°12	24° 1	1°11	14°13	24° 0	18° 3	4°47	15°D22	14°37	16°45	0°22	T 21
W22	2 2 26	28°47'17	13°16	19°37	23°26	24°45	1° 5	14°13	23°58	18° 2	4°46	15°23	14°33	16°52	0°23	W22
T 23	2 6 23	29°47'06	25°32	18°52	24°41	25°29	0°59	14°14	23°55	18° 1	4°45	15°24	14°30	16°58	0°24	T 23
F 24	2 10 20	0♏46'57	7♍36	18°17	25°55	26°13	0°53	14°14	23°53	18° 0	4°44	15°25	14°27	17° 5	0°25	F 24
S 25	2 14 16	1°46'50	19°30	17°54	27° 9	26°58	0°47	14°14	23°51	17°58	4°43	15°26	14°24	17°12	0°26	S 25
S 26	2 18 13	2°46'45	1♎19	17°42	28°23	27°42	0°41	14°R14	23°49	17°57	4°42	15°28	14°21	17°18	0°27	S 26
M27	2 22 9	3°46'42	13° 5	17°D41	29°37	28°27	0°36	14°14	23°46	17°56	4°41	15°R28	14°17	17°25	0°29	M27
T 28	2 26 6	4°46'41	24°53	17°52	0♐51	29°11	0°30	14°14	23°44	17°55	4°40	15°28	14°14	17°32	0°30	T 28
W29	2 30 2	5°46'42	6♏43	18°13	2° 5	29°56	0°25	14°14	23°42	17°54	4°38	15°27	14°11	17°38	0°32	W29
T 30	2 33 59	6°46'45	18°39	18°44	3°19	0♑41	0°20	14°14	23°39	17°53	4°37	15°24	14° 8	17°45	0°33	T 30
F 31	2 37 55	7♏46'50	0♐42	19♎23	4♐34	1♑26	0♈15	14♋13	23♉37	17♓52	4♉36	15♈21	14♈ 5	17♎51	0♒35	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s10	11s48	1s 9	15s28	3s26	10s 4	0n33	23s19	1s26	0s 3	1s38	22n 7	0s39	18n40	0s17	5s37	1s 9	2s37	16s48	6n 4	6n10	5s38	13s 5	7n11
T 2	3 34	16 48	2 11	15 39	3 29	10 33	0 30	23 26	1 26	0 6	1 38	22 7	0 39	18 39	0 17	5 37	1 9	2 38	16 48	6 4	6 9	5 42	13 6	7 10
F 3	3 57	21 12	3 8	15 48	3 31	11 2	0 28	23 32	1 26	0 10	1 38	22 6	0 39	18 39	0 17	5 38	1 9	2 38	16 48	6 4	6 8	5 45	13 6	7 10
S 4	4 20	24 46	3 57	15 53	3 31	11 30	0 25	23 38	1 26	0 13	1 38	22 6	0 39	18 39	0 17	5 39	1 9	2 39	16 48	6 5	6 7	5 49	13 7	7 9
S 5	4 43	27 17	4 37	15 56	3 31	11 58	0 23	23 44	1 26	0 16	1 38	22 6	0 39	18 38	0 17	5 39	1 9	2 39	16 49	6 5	6 5	5 52	13 8	7 9
M 6	5 6	28 31	5 4	15 55	3 30	12 25	0 20	23 50	1 26	0 19	1 38	22 6	0 39	18 38	0 17	5 40	1 9	2 40	16 49	6 5	6 4	5 55	13 8	7 8
T 7	5 29	28 16	5 17	15 50	3 27	12 53	0 18	23 55	1 27	0 22	1 38	22 6	0 39	18 37	0 17	5 40	1 9	2 40	16 49	6 5	6 3	5 59	13 9	7 8
W 8	5 52	26 26	5 14	15 41	3 23	13 20	0 15	24 0	1 27	0 25	1 38	22 5	0 39	18 37	0 17	5 41	1 9	2 40	16 49	6 5	6 2	6 2	13 9	7 7
T 9	6 15	23 4	4 54	15 28	3 17	13 47	0 13	24 5	1 27	0 28	1 38	22 5	0 39	18 37	0 17	5 41	1 9	2 41	16 49	6 5	6 1	6 6	13 10	7 7
F 10	6 38	18 16	4 16	15 10	3 10	14 13	0 10	24 10	1 27	0 31	1 38	22 5	0 39	18 36	0 17	5 42	1 9	2 41	16 49	6 5	5 59	6 9	13 10	7 6
S 11	7 1	12 19	3 21	14 48	3 1	14 39	0 8	24 15	1 27	0 34	1 38	22 5	0 39	18 36	0 17	5 43	1 9	2 42	16 49	6 5	5 58	6 12	13 11	7 6
S 12	7 24	5 32	2 11	14 22	2 50	15 5	0 5	24 19	1 27	0 36	1 38	22 5	0 39	18 35	0 17	5 43	1 9	2 42	16 49	6 5	5 57	6 16	13 11	7 5
M13	7 46	1n41	0 51	13 50	2 38	15 30	0 2	24 23	1 27	0 39	1 37	22 5	0 39	18 35	0 17	5 44	1 9	2 43	16 49	6 5	5 56	6 19	13 12	7 4
T 14	8 8	8 53	0n33	13 15	2 23	15 55	0s 0	24 27	1 27	0 42	1 37	22 4	0 39	18 34	0 17	5 44	1 9	2 43	16 49	6 5	5 54	6 22	13 12	7 4
W15	8 31	15 33	1 55	12 36	2 7	16 20	0 3	24 30	1 27	0 45	1 37	22 4	0 39	18 34	0 17	5 45	1 9	2 43	16 50	6 5	5 53	6 26	13 12	7 3
T 16	8 53	21 12	3 8	11 53	1 49	16 44	0 6	24 34	1 28	0 47	1 37	22 4	0 39	18 33	0 17	5 45	1 9	2 44	16 50	6 5	5 52	6 29	13 13	7 3
F 17	9 15	25 26	4 7	11 8	1 30	17 8	0 8	24 37	1 28	0 50	1 37	22 4	0 39	18 33	0 17	5 46	1 9	2 44	16 50	6 5	5 51	6 33	13 13	7 2
S 18	9 37	27 55	4 48	10 22	1 10	17 31	0 11	24 40	1 28	0 53	1 37	22 4	0 39	18 32	0 17	5 46	1 9	2 45	16 50	6 4	5 49	6 36	13 14	7 2
S 19	9 59	28 35	5 12	9 36	0 50	17 54	0 14	24 43	1 28	0 55	1 37	22 4	0 39	18 32	0 17	5 47	1 9	2 45	16 50	6 4	5 48	6 39	13 14	7 1
M20	10 20	27 31	5 17	8 52	0 29	18 17	0 16	24 45	1 28	0 58	1 36	22 4	0 38	18 31	0 17	5 47	1 9	2 45	16 50	6 3	5 47	6 43	13 14	7 1
T 21	10 42	25 0	5 6	8 9	0 9	18 39	0 19	24 47	1 28	1 0	1 36	22 4	0 38	18 31	0 17	5 47	1 9	2 46	16 50	6 3	5 46	6 46	13 15	7 0
W22	11 3	21 20	4 41	7 30	0n11	19 0	0 22	24 49	1 28	1 2	1 36	22 4	0 38	18 30	0 17	5 48	1 9	2 46	16 50	6 4	5 45	6 49	13 15	7 0
T 23	11 24	16 49	4 3	6 56	0 30	19 21	0 25	24 51	1 28	1 5	1 36	22 4	0 38	18 30	0 17	5 48	1 9	2 46	16 50	6 4	5 43	6 53	13 15	6 59
F 24	11 45	11 44	3 15	6 27	0 48	19 42	0 27	24 52	1 28	1 7	1 36	22 4	0 38	18 29	0 17	5 49	1 9	2 47	16 50	6 5	5 42	6 56	13 15	6 59
S 25	12 6	6 17	2 19	6 3	1 3	20 2	0 30	24 53	1 28	1 9	1 36	22 4	0 38	18 29	0 17	5 49	1 9	2 47	16 50	6 5	5 41	6 59	13 16	6 58
S 26	12 27	0 40	1 18	5 45	1 18	20 21	0 33	24 54	1 28	1 11	1 35	22 4	0 38	18 28	0 17	5 50	1 9	2 47	16 50	6 6	5 40	7 3	13 16	6 58
M27	12 47	4s58	0 13	5 33	1 30	20 40	0 36	24 55	1 28	1 13	1 35	22 4	0 38	18 27	0 17	5 50	1 9	2 48	16 50	6 6	5 38	7 6	13 16	6 57
T 28	13 8	10 27	0s52	5 27	1 41	20 58	0 38	24 55	1 28	1 15	1 35	22 4	0 38	18 27	0 17	5 50	1 9	2 48	16 50	6 6	5 37	7 10	13 16	6 57
W29	13 28	15 35	1 55	5 27	1 50	21 16	0 41	24 55	1 28	1 17	1 35	22 4	0 38	18 26	0 17	5 51	1 9	2 49	16 50	6 5	5 36	7 13	13 17	6 56
T 30	13 47	20 10	2 53	5 32	1 58	21 33	0 44	24 55	1 28	1 19	1 35	22 4	0 38	18 26	0 17	5 51	1 9	2 49	16 50	6 4	5 35	7 16	13 17	6 56
F 31	14s 7	23s58	3s44	5s41	2n 4	21s50	0s46	24s55	1s28	1s20	1s34	22n 4	0s38	18n25	0s17	5s51	1s 9	2s49	16s50	6n 3	5n33	7s20	13s17	6n55

Julian Day Number = 2399223.5, Delta T = 9.93 sec
Ecliptic obliquity = 23°27'38, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°44'24, Lahiri = 21°51'24

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ASTRODIENST EPHEMERIS for the year 1856
geocentric

NOVEMBER 1856 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 41 52	8♏46'57	12♐54	20♎11	5♐48	2♑10	0°R11	14°R13	23°R35	17°R52	4°R35	15°R17	14♈ 2	17♎58	0♒36	S 1
S 2	2 45 49	9°47'05	25°16	21° 6	7° 2	2°55	0♈ 6	14♋12	23♉32	17♓51	4♉34	15♈13	13°58	18° 5	0°38	S 2
M 3	2 49 45	10°47'16	7♑52	22° 7	8°16	3°40	0° 2	14°11	23°30	17°50	4°33	15° 9	13°55	18°11	0°40	M 3
T 4	2 53 42	11°47'27	20°42	23°14	9°30	4°25	29♓58	14°10	23°27	17°49	4°32	15° 6	13°52	18°18	0°42	T 4
W 5	2 57 38	12°47'40	3♒49	24°25	10°44	5°11	29°54	14° 9	23°25	17°48	4°31	15° 5	13°49	18°25	0°44	W 5
T 6	3 1 35	13°47'55	17°16	25°41	11°58	5°56	29°50	14° 8	23°22	17°47	4°29	15°D 4	13°46	18°31	0°46	T 6
F 7	3 5 31	14°48'11	1♓ 4	27° 0	13°12	6°41	29°46	14° 7	23°20	17°47	4°28	15° 5	13°43	18°38	0°48	F 7
S 8	3 9 28	15°48'29	15°14	28°22	14°26	7°26	29°43	14° 5	23°18	17°46	4°27	15° 7	13°39	18°45	0°50	S 8
S 9	3 13 24	16°48'47	29°44	29°47	15°40	8°12	29°40	14° 4	23°15	17°45	4°26	15° 8	13°36	18°51	0°52	S 9
M10	3 17 21	17°49'08	14♈32	1♏13	16°54	8°57	29°37	14° 2	23°13	17°45	4°25	15°R 9	13°33	18°58	0°54	M10
T 11	3 21 18	18°49'30	29°33	2°42	18° 8	9°43	29°34	14° 1	23°10	17°44	4°24	15° 8	13°30	19° 5	0°57	T 11
W12	3 25 14	19°49'53	14♉37	4°11	19°22	10°28	29°31	13°59	23° 8	17°43	4°23	15° 6	13°27	19°11	0°59	W12
T 13	3 29 11	20°50'18	29°36	5°42	20°36	11°14	29°29	13°57	23° 5	17°43	4°22	15° 2	13°23	19°18	1° 1	T 13
F 14	3 33 7	21°50'45	14♊22	7°14	21°50	11°59	29°27	13°55	23° 3	17°42	4°21	14°56	13°20	19°25	1° 4	F 14
S 15	3 37 4	22°51'13	28°46	8°47	23° 4	12°45	29°25	13°53	23° 0	17°42	4°20	14°50	13°17	19°31	1° 7	S 15
S 16	3 41 0	23°51'44	12♋44	10°20	24°17	13°31	29°23	13°51	22°58	17°42	4°19	14°44	13°14	19°38	1° 9	S 16
M17	3 44 57	24°52'16	26°13	11°54	25°31	14°17	29°21	13°48	22°55	17°41	4°18	14°39	13°11	19°44	1°12	M17
T 18	3 48 53	25°52'50	9♌16	13°28	26°45	15° 2	29°20	13°46	22°53	17°41	4°17	14°36	13° 8	19°51	1°15	T 18
W19	3 52 50	26°53'25	21°53	15° 2	27°59	15°48	29°19	13°44	22°50	17°40	4°15	14°D34	13° 4	19°58	1°17	W19
T 20	3 56 47	27°54'02	4♍10	16°36	29°13	16°34	29°18	13°41	22°48	17°40	4°14	14°35	13° 1	20° 4	1°20	T 20
F 21	4 0 43	28°54'41	16°12	18°11	0♑27	17°20	29°17	13°38	22°45	17°40	4°13	14°36	12°58	20°11	1°23	F 21
S 22	4 4 40	29°55'22	28° 4	19°46	1°40	18° 6	29°16	13°35	22°43	17°40	4°12	14°37	12°55	20°18	1°26	S 22
S 23	4 8 36	0♐56'04	9♎51	21°20	2°54	18°52	29°16	13°33	22°40	17°39	4°11	14°R38	12°52	20°24	1°29	S 23
M24	4 12 33	1°56'48	21°37	22°55	4° 8	19°39	29°D16	13°30	22°38	17°39	4°10	14°38	12°49	20°31	1°32	M24
T 25	4 16 29	2°57'33	3♏27	24°29	5°22	20°25	29°16	13°26	22°35	17°39	4° 9	14°36	12°45	20°38	1°36	T 25
W26	4 20 26	3°58'19	15°24	26° 4	6°35	21°11	29°16	13°23	22°33	17°39	4° 8	14°32	12°42	20°44	1°39	W26
T 27	4 24 22	4°59'08	27°29	27°39	7°49	21°57	29°17	13°20	22°30	17°39	4° 8	14°25	12°39	20°51	1°42	T 27
F 28	4 28 19	5°59'57	9♐46	29°13	9° 3	22°44	29°17	13°17	22°28	17°39	4° 7	14°16	12°36	20°58	1°45	F 28
S 29	4 32 16	7° 0'48	22°14	0♑47	10°16	23°30	29°18	13°13	22°25	17°D39	4° 6	14° 6	12°33	21° 4	1°49	S 29
S 30	4 36 12	8♑ 1'39	4♑53	2♑22	11♑30	24♑16	29♓19	13♋10	22♉23	17♓39	4♉ 5	13♈56	12♈29	21♎11	1♒52	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s26	26s45	4s26	5s55	2n 8	22s 6	0s49	24s54	1s27	1s22	1s34	22n 4	0s38	18n24	0s17	5s52	1s 9	2s49	16s50	6n 1	5n32	7s23	13s17	6n55
S 2	14 46	28 18	4 55	6 13	2 11	22 21	0 52	24 53	1 27	1 24	1 34	22 4	0 38	18 24	0 17	5 52	1 9	2 50	16 50	6 0	5 31	7 26	13 17	6 54
M 3	15 4	28 25	5 11	6 34	2 13	22 36	0 54	24 52	1 27	1 25	1 34	22 4	0 38	18 23	0 17	5 52	1 9	2 50	16 50	5 58	5 30	7 30	13 17	6 54
T 4	15 23	27 1	5 12	6 58	2 13	22 50	0 57	24 50	1 27	1 27	1 33	22 5	0 38	18 23	0 17	5 53	1 9	2 50	16 50	5 57	5 29	7 33	13 17	6 53
W 5	15 42	24 8	4 57	7 25	2 13	23 3	0 59	24 49	1 27	1 28	1 33	22 5	0 38	18 22	0 17	5 53	1 9	2 51	16 50	5 57	5 27	7 36	13 18	6 53
T 6	16 0	19 54	4 26	7 53	2 12	23 16	1 2	24 46	1 27	1 29	1 33	22 5	0 38	18 21	0 17	5 53	1 9	2 51	16 49	5 57	5 26	7 40	13 18	6 52
F 7	16 18	14 30	3 38	8 24	2 10	23 28	1 4	24 44	1 27	1 31	1 33	22 5	0 38	18 21	0 17	5 53	1 9	2 51	16 49	5 57	5 25	7 43	13 18	6 52
S 8	16 35	8 14	2 37	8 56	2 7	23 39	1 7	24 42	1 27	1 32	1 32	22 5	0 38	18 20	0 17	5 54	1 9	2 52	16 49	5 57	5 24	7 46	13 18	6 51
S 9	16 52	1 23	1 23	9 29	2 4	23 50	1 9	24 39	1 27	1 33	1 32	22 5	0 38	18 20	0 17	5 54	1 9	2 52	16 49	5 58	5 22	7 50	13 18	6 51
M10	17 9	5n41	0 3	10 2	2 0	24 0	1 12	24 36	1 26	1 34	1 32	22 6	0 38	18 19	0 17	5 54	1 9	2 52	16 49	5 58	5 21	7 53	13 18	6 50
T 11	17 26	12 32	1n18	10 37	1 55	24 9	1 14	24 32	1 26	1 35	1 32	22 6	0 38	18 18	0 17	5 54	1 9	2 52	16 49	5 58	5 20	7 56	13 18	6 50
W12	17 43	18 41	2 34	11 12	1 50	24 18	1 16	24 29	1 26	1 35	1 31	22 6	0 38	18 18	0 17	5 55	1 9	2 53	16 49	5 57	5 19	8 0	13 18	6 49
T 13	17 59	23 39	3 39	11 47	1 45	24 26	1 18	24 25	1 26	1 36	1 31	22 6	0 38	18 17	0 17	5 55	1 9	2 53	16 49	5 55	5 17	8 3	13 18	6 49
F 14	18 15	26 59	4 28	12 23	1 39	24 33	1 21	24 20	1 26	1 37	1 31	22 6	0 38	18 17	0 17	5 55	1 9	2 53	16 49	5 53	5 16	8 6	13 17	6 48
S 15	18 30	28 26	4 59	12 58	1 33	24 40	1 23	24 16	1 26	1 37	1 31	22 7	0 38	18 16	0 17	5 55	1 9	2 53	16 49	5 51	5 15	8 10	13 17	6 48
S 16	18 45	28 0	5 11	13 33	1 27	24 45	1 25	24 11	1 25	1 38	1 30	22 7	0 38	18 15	0 17	5 55	1 9	2 53	16 48	5 49	5 14	8 13	13 17	6 47
M17	19 0	25 54	5 4	14 8	1 21	24 50	1 27	24 6	1 25	1 38	1 30	22 7	0 38	18 15	0 17	5 55	1 9	2 54	16 48	5 47	5 12	8 16	13 17	6 47
T 18	19 15	22 30	4 43	14 43	1 14	24 54	1 29	24 1	1 25	1 38	1 30	22 8	0 37	18 14	0 17	5 56	1 9	2 54	16 48	5 46	5 11	8 20	13 17	6 47
W19	19 29	18 8	4 8	15 17	1 8	24 58	1 31	23 55	1 25	1 39	1 30	22 8	0 37	18 13	0 17	5 56	1 9	2 54	16 48	5 45	5 10	8 23	13 17	6 46
T 20	19 43	13 7	3 22	15 50	1 1	25 1	1 33	23 50	1 24	1 39	1 29	22 8	0 37	18 13	0 17	5 56	1 8	2 54	16 48	5 45	5 9	8 26	13 17	6 46
F 21	19 56	7 43	2 28	16 24	0 54	25 3	1 35	23 44	1 24	1 39	1 29	22 9	0 37	18 12	0 17	5 56	1 8	2 54	16 48	5 45	5 8	8 30	13 16	6 45
S 22	20 9	2 8	1 29	16 56	0 47	25 4	1 37	23 37	1 24	1 39	1 29	22 9	0 37	18 12	0 17	5 56	1 8	2 55	16 47	5 46	5 6	8 33	13 16	6 45
S 23	20 22	3s30	0 26	17 28	0 40	25 4	1 39	23 31	1 24	1 39	1 28	22 9	0 37	18 11	0 17	5 56	1 8	2 55	16 47	5 46	5 5	8 36	13 16	6 44
M24	20 34	9 1	0s38	17 59	0 33	25 4	1 40	23 24	1 23	1 38	1 28	22 10	0 37	18 10	0 17	5 56	1 8	2 55	16 47	5 46	5 4	8 40	13 16	6 44
T 25	20 46	14 14	1 40	18 29	0 26	25 3	1 42	23 17	1 23	1 38	1 28	22 10	0 37	18 10	0 17	5 56	1 8	2 55	16 47	5 46	5 3	8 43	13 16	6 44
W26	20 58	18 59	2 38	18 58	0 19	25 1	1 44	23 9	1 23	1 38	1 28	22 10	0 37	18 9	0 17	5 56	1 8	2 55	16 47	5 44	5 1	8 46	13 15	6 43
T 27	21 9	23 1	3 30	19 27	0 13	24 59	1 45	23 2	1 23	1 37	1 27	22 11	0 37	18 9	0 17	5 56	1 8	2 55	16 47	5 41	5 0	8 50	13 15	6 43
F 28	21 20	26 6	4 12	19 55	0 6	24 56	1 47	22 54	1 22	1 37	1 27	22 11	0 37	18 8	0 17	5 56	1 8	2 55	16 46	5 38	4 59	8 53	13 15	6 42
S 29	21 30	27 57	4 44	20 21	0s 1	24 51	1 48	22 46	1 22	1 36	1 27	22 11	0 37	18 7	0 17	5 56	1 8	2 55	16 46	5 34	4 58	8 56	13 14	6 42
S 30	21s40	28s24	5s 2	20s47	0s 8	24s47	1s49	22s37	1s22	1s36	1s26	22n12	0s37	18n 7	0s17	5s56	1s 8	2s55	16s46	5n30	4n56	9s 0	13s14	6n42

Julian Day Number = 2399254.5, Delta T = 9.91 sec
Ecliptic obliquity = 23°27'37, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°44'28, Lahiri = 21°51'28

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ASTRODIENST EPHEMERIS for the year 1856
geocentric

DECEMBER 1856 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 40 9	9♐ 2'32	17♑45	3♐56	12♑44	25♑ 3	29♓21	13°R 6	22°R21	17♓39	4°R 4	13°R46	12♈26	21♎18	1♒56	M 1
T 2	4 44 5	10° 3'26	0♒49	5°30	13°57	25°49	29°22	13♋ 2	22♉18	17°39	4♉ 3	13♈38	12°23	21°24	1°59	T 2
W 3	4 48 2	11° 4'20	14° 5	7° 5	15°11	26°36	29°24	12°59	22°16	17°39	4° 2	13°32	12°20	21°31	2° 3	W 3
T 4	4 51 58	12° 5'16	27°33	8°39	16°24	27°22	29°26	12°55	22°14	17°39	4° 1	13°29	12°17	21°37	2° 6	T 4
F 5	4 55 55	13° 6'12	11♓16	10°13	17°38	28° 9	29°28	12°51	22°11	17°39	4° 0	13°D28	12°14	21°44	2°10	F 5
S 6	4 59 51	14° 7'08	25°13	11°47	18°51	28°55	29°30	12°47	22° 9	17°40	4° 0	13°28	12°10	21°51	2°14	S 6
S 7	5 3 48	15° 8'05	9♈24	13°21	20° 4	29°42	29°33	12°43	22° 7	17°40	3°59	13°R29	12° 7	21°57	2°17	S 7
M 8	5 7 45	16° 9'03	23°49	14°56	21°18	0♒29	29°35	12°39	22° 5	17°40	3°58	13°28	12° 4	22° 4	2°21	M 8
T 9	5 11 41	17°10'02	8♉25	16°30	22°31	1°15	29°38	12°35	22° 2	17°41	3°57	13°26	12° 1	22°11	2°25	T 9
W10	5 15 38	18°11'01	23° 6	18° 4	23°44	2° 2	29°42	12°30	22° 0	17°41	3°56	13°21	11°58	22°17	2°29	W10
T 11	5 19 34	19°12'01	7♊47	19°39	24°58	2°49	29°45	12°26	21°58	17°41	3°56	13°13	11°55	22°24	2°33	T 11
F 12	5 23 31	20°13'02	22°20	21°13	26°11	3°35	29°48	12°22	21°56	17°42	3°55	13° 3	11°51	22°31	2°37	F 12
S 13	5 27 27	21°14'03	6♋38	22°48	27°24	4°22	29°52	12°17	21°54	17°42	3°54	12°52	11°48	22°37	2°41	S 13
S 14	5 31 24	22°15'05	20°34	24°22	28°37	5° 9	29°56	12°13	21°52	17°43	3°53	12°40	11°45	22°44	2°45	S 14
M15	5 35 21	23°16'08	4♌ 6	25°57	29°50	5°56	0♈ 0	12° 8	21°50	17°43	3°53	12°30	11°42	22°51	2°49	M15
T 16	5 39 17	24°17'12	17°11	27°32	1♒ 3	6°43	0° 4	12° 4	21°48	17°44	3°52	12°22	11°39	22°57	2°53	T 16
W17	5 43 14	25°18'17	29°53	29° 7	2°16	7°29	0° 9	11°59	21°46	17°45	3°51	12°17	11°35	23° 4	2°57	W17
T 18	5 47 10	26°19'22	12♍13	0♑43	3°29	8°16	0°14	11°55	21°44	17°45	3°51	12°14	11°32	23°11	3° 2	T 18
F 19	5 51 7	27°20'28	24°17	2°18	4°42	9° 3	0°18	11°50	21°42	17°46	3°50	12°D13	11°29	23°17	3° 6	F 19
S 20	5 55 3	28°21'35	6♎ 9	3°54	5°55	9°50	0°24	11°45	21°40	17°47	3°50	12°R13	11°26	23°24	3°10	S 20
S 21	5 59 0	29°22'43	17°57	5°30	7° 8	10°37	0°29	11°40	21°38	17°47	3°49	12°13	11°23	23°30	3°14	S 21
M22	6 2 56	0♑23'51	29°44	7° 6	8°20	11°24	0°34	11°36	21°36	17°48	3°48	12°12	11°20	23°37	3°19	M22
T 23	6 6 53	1°25'00	11♏37	8°42	9°33	12°11	0°40	11°31	21°35	17°49	3°48	12° 8	11°16	23°44	3°23	T 23
W24	6 10 50	2°26'09	23°39	10°18	10°46	12°58	0°45	11°26	21°33	17°50	3°47	12° 2	11°13	23°50	3°28	W24
T 25	6 14 46	3°27'19	5♐54	11°55	11°58	13°45	0°51	11°21	21°31	17°51	3°47	11°53	11°10	23°57	3°32	T 25
F 26	6 18 43	4°28'30	18°23	13°32	13°11	14°32	0°58	11°16	21°30	17°52	3°46	11°41	11° 7	24° 4	3°36	F 26
S 27	6 22 39	5°29'41	1♑ 9	15° 8	14°23	15°19	1° 4	11°11	21°28	17°52	3°46	11°28	11° 4	24°10	3°41	S 27
S 28	6 26 36	6°30'52	14°10	16°45	15°36	16° 6	1°10	11° 6	21°26	17°53	3°45	11°14	11° 1	24°17	3°46	S 28
M29	6 30 32	7°32'03	27°24	18°22	16°48	16°53	1°17	11° 1	21°25	17°54	3°45	11° 0	10°57	24°24	3°50	M29
T 30	6 34 29	8°33'14	10♒51	19°59	18° 0	17°40	1°24	10°56	21°23	17°56	3°45	10°49	10°54	24°30	3°55	T 30
W31	6 38 25	9♑34'25	24♒28	21♑36	19♒12	18♒27	1♈31	10♋51	21♉22	17♓57	3♉44	10♈40	10♈51	24♎37	3♒59	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s50	27s19	5s 5	21s12	0s15	24s41	1s51	22s29	1s21	1s35	1s26	22n12	0s37	18n 6	0s17	5s56	1s 8	2s56	16s46	5n26	4n55	9s 3	13s14	6n41
T 2	21 59	24 44	4 52	21 35	0 21	24 35	1 52	22 20	1 21	1 34	1 26	22 13	0 37	18 6	0 17	5 56	1 8	2 56	16 46	5 23	4 54	9 6	13 13	6 41
W 3	22 7	20 49	4 23	21 58	0 28	24 28	1 53	22 10	1 21	1 33	1 26	22 13	0 37	18 5	0 17	5 56	1 8	2 56	16 45	5 21	4 53	9 9	13 13	6 40
T 4	22 16	15 46	3 40	22 20	0 34	24 20	1 54	22 1	1 20	1 32	1 25	22 14	0 37	18 4	0 17	5 56	1 8	2 56	16 45	5 19	4 51	9 13	13 12	6 40
F 5	22 23	9 52	2 43	22 40	0 41	24 12	1 55	21 51	1 20	1 31	1 25	22 14	0 36	18 4	0 17	5 56	1 8	2 56	16 45	5 19	4 50	9 16	13 12	6 40
S 6	22 31	3 22	1 36	23 0	0 47	24 3	1 56	21 42	1 20	1 30	1 25	22 14	0 36	18 3	0 17	5 55	1 8	2 56	16 45	5 19	4 49	9 19	13 11	6 39
S 7	22 38	3n24	0 22	23 18	0 53	23 53	1 57	21 31	1 19	1 28	1 24	22 15	0 36	18 3	0 17	5 55	1 8	2 56	16 44	5 19	4 48	9 23	13 11	6 39
M 8	22 44	10 6	0n55	23 35	0 59	23 42	1 57	21 21	1 19	1 27	1 24	22 15	0 36	18 2	0 17	5 55	1 8	2 56	16 44	5 19	4 46	9 26	13 10	6 39
T 9	22 50	16 21	2 9	23 51	1 5	23 31	1 58	21 10	1 19	1 26	1 24	22 16	0 36	18 2	0 17	5 55	1 8	2 56	16 44	5 18	4 45	9 29	13 10	6 38
W10	22 56	21 42	3 15	24 5	1 10	23 19	1 59	21 0	1 18	1 24	1 24	22 16	0 36	18 1	0 17	5 55	1 8	2 56	16 44	5 16	4 44	9 33	13 9	6 38
T 11	23 1	25 41	4 7	24 19	1 16	23 7	1 59	20 49	1 18	1 22	1 23	22 17	0 36	18 0	0 17	5 55	1 8	2 56	16 43	5 13	4 43	9 36	13 9	6 38
F 12	23 6	27 57	4 43	24 31	1 21	22 53	1 59	20 37	1 17	1 21	1 23	22 17	0 36	18 0	0 17	5 54	1 8	2 56	16 43	5 9	4 41	9 39	13 8	6 37
S 13	23 10	28 18	5 1	24 42	1 26	22 39	2 0	20 26	1 17	1 19	1 23	22 18	0 36	17 59	0 17	5 54	1 8	2 56	16 43	5 5	4 40	9 42	13 8	6 37
S 14	23 14	26 49	5 0	24 51	1 31	22 25	2 0	20 14	1 17	1 17	1 22	22 18	0 36	17 59	0 17	5 54	1 8	2 56	16 42	5 1	4 39	9 46	13 7	6 37
M15	23 17	23 48	4 41	24 59	1 35	22 10	2 0	20 2	1 16	1 15	1 22	22 19	0 36	17 58	0 17	5 54	1 8	2 56	16 42	4 57	4 38	9 49	13 7	6 36
T 16	23 20	19 39	4 9	25 6	1 40	21 54	2 0	19 50	1 16	1 13	1 22	22 19	0 36	17 58	0 17	5 53	1 8	2 56	16 42	4 54	4 37	9 52	13 6	6 36
W17	23 23	14 43	3 25	25 11	1 44	21 37	2 0	19 38	1 15	1 11	1 22	22 20	0 36	17 57	0 17	5 53	1 8	2 56	16 42	4 51	4 35	9 56	13 5	6 36
T 18	23 25	9 20	2 32	25 15	1 48	21 20	2 0	19 25	1 15	1 9	1 21	22 20	0 35	17 57	0 17	5 53	1 8	2 56	16 41	4 50	4 34	9 59	13 5	6 35
F 19	23 26	3 43	1 34	25 18	1 52	21 3	2 0	19 12	1 14	1 7	1 21	22 21	0 35	17 56	0 17	5 53	1 8	2 55	16 41	4 50	4 33	10 2	13 4	6 35
S 20	23 27	1s57	0 32	25 19	1 55	20 44	1 59	18 59	1 14	1 5	1 21	22 21	0 35	17 56	0 16	5 52	1 8	2 55	16 41	4 50	4 32	10 5	13 3	6 35
S 21	23 28	7 31	0s30	25 19	1 58	20 25	1 59	18 46	1 14	1 2	1 21	22 22	0 35	17 55	0 16	5 52	1 8	2 55	16 40	4 50	4 30	10 9	13 3	6 35
M22	23 28	12 49	1 32	25 17	2 1	20 6	1 58	18 33	1 13	1 0	1 20	22 22	0 35	17 55	0 16	5 52	1 8	2 55	16 40	4 49	4 29	10 12	13 2	6 34
T 23	23 27	17 42	2 29	25 13	2 3	19 46	1 58	18 19	1 13	0 58	1 20	22 23	0 35	17 55	0 16	5 51	1 8	2 55	16 40	4 48	4 28	10 15	13 1	6 34
W24	23 26	21 56	3 21	25 8	2 5	19 26	1 57	18 5	1 12	0 55	1 20	22 23	0 35	17 54	0 16	5 51	1 7	2 55	16 40	4 46	4 27	10 18	13 0	6 34
T 25	23 25	25 18	4 4	25 2	2 7	19 5	1 56	17 51	1 12	0 52	1 19	22 24	0 35	17 54	0 16	5 51	1 7	2 55	16 39	4 42	4 25	10 22	13 0	6 34
F 26	23 23	27 32	4 36	24 54	2 8	18 43	1 55	17 37	1 11	0 50	1 19	22 24	0 35	17 53	0 16	5 50	1 7	2 55	16 39	4 37	4 24	10 25	12 59	6 33
S 27	23 21	28 22	4 55	24 44	2 9	18 21	1 54	17 23	1 11	0 47	1 19	22 25	0 35	17 53	0 16	5 50	1 7	2 54	16 39	4 32	4 23	10 28	12 58	6 33
S 28	23 18	27 40	4 59	24 33	2 10	17 59	1 53	17 8	1 10	0 44	1 19	22 25	0 35	17 53	0 16	5 49	1 7	2 54	16 38	4 27	4 22	10 31	12 57	6 33
M29	23 15	25 24	4 48	24 21	2 10	17 36	1 52	16 54	1 10	0 41	1 18	22 26	0 34	17 52	0 16	5 49	1 7	2 54	16 38	4 21	4 20	10 35	12 56	6 33
T 30	23 11	21 42	4 20	24 6	2 10	17 12	1 51	16 39	1 9	0 38	1 18	22 26	0 34	17 52	0 16	5 49	1 7	2 54	16 38	4 17	4 19	10 38	12 56	6 33
W31	23s 7	16s48	3s38	23s51	2s 9	16s49	1s50	16s24	1s 9	0s35	1s18	22n27	0s34	17n51	0s16	5s48	1s 7	2s54	16s37	4n14	4n18	10s41	12s55	6n32

Julian Day Number = 2399284.5, Delta T = 9.88 sec
Ecliptic obliquity = 23°27'37, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°44'32, Lahiri = 21°51'33

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ASTRODIENST EPHEMERIS for the year 1857
geocentric

JANUARY 1857 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 42 22	10♉35'36	8♓12	23♉13	20♒24	19♒14	1♈38	10°R46	21°R21	17♓58	3°R44	10°R35	10♈48	24♎44	4♒ 4	T 1
F 2	6 46 19	11°36'46	22° 3	24°49	21°36	20° 1	1°45	10♋41	21♉19	17°59	3♉44	10♈33	10°45	24°50	4° 9	F 2
S 3	6 50 15	12°37'56	6♈ 0	26°25	22°48	20°48	1°53	10°36	21°18	18° 0	3°43	10°32	10°41	24°57	4°13	S 3
S 4	6 54 12	13°39'06	20° 3	28° 1	24° 0	21°35	2° 0	10°32	21°17	18° 1	3°43	10°32	10°38	25° 4	4°18	S 4
M 5	6 58 8	14°40'15	4♉11	29°35	25°12	22°22	2° 8	10°27	21°15	18° 2	3°43	10°31	10°35	25°10	4°23	M 5
T 6	7 2 5	15°41'24	18°24	1♒ 9	26°23	23° 9	2°16	10°22	21°14	18° 4	3°42	10°28	10°32	25°17	4°27	T 6
W 7	7 6 1	16°42'32	2♊38	2°42	27°35	23°56	2°24	10°17	21°13	18° 5	3°42	10°22	10°29	25°24	4°32	W 7
T 8	7 9 58	17°43'40	16°52	4°13	28°46	24°43	2°32	10°12	21°12	18° 6	3°42	10°14	10°26	25°30	4°37	T 8
F 9	7 13 54	18°44'48	0♋59	5°42	29°58	25°30	2°40	10° 7	21°11	18° 8	3°42	10° 2	10°22	25°37	4°42	F 9
S 10	7 17 51	19°45'55	14°55	7°10	1♓ 9	26°17	2°49	10° 2	21°10	18° 9	3°42	9°50	10°19	25°43	4°46	S 10
S 11	7 21 48	20°47'02	28°35	8°34	2°20	27° 4	2°58	9°57	21° 9	18°10	3°41	9°37	10°16	25°50	4°51	S 11
M12	7 25 44	21°48'08	11♌57	9°56	3°31	27°51	3° 6	9°52	21° 8	18°12	3°41	9°25	10°13	25°57	4°56	M12
T 13	7 29 41	22°49'15	24°57	11°14	4°42	28°38	3°15	9°48	21° 7	18°13	3°41	9°16	10°10	26° 3	5° 1	T 13
W14	7 33 37	23°50'20	7♍36	12°27	5°53	29°25	3°24	9°43	21° 7	18°15	3°41	9° 9	10° 7	26°10	5° 6	W14
T 15	7 37 34	24°51'26	19°57	13°36	7° 4	0♓12	3°33	9°38	21° 6	18°16	3°41	9° 5	10° 3	26°17	5°11	T 15
F 16	7 41 30	25°52'31	2♎ 2	14°38	8°14	0°59	3°43	9°34	21° 5	18°18	3°41	9° 3	10° 0	26°23	5°15	F 16
S 17	7 45 27	26°53'35	13°56	15°34	9°25	1°46	3°52	9°29	21° 4	18°19	3°D41	9°D 3	9°57	26°30	5°20	S 17
S 18	7 49 24	27°54'40	25°44	16°23	10°35	2°33	4° 2	9°24	21° 4	18°21	3°41	9°R 4	9°54	26°37	5°25	S 18
M19	7 53 20	28°55'44	7♏33	17° 3	11°45	3°20	4°11	9°20	21° 3	18°23	3°41	9° 3	9°51	26°43	5°30	M19
T 20	7 57 17	29°56'48	19°27	17°34	12°55	4° 7	4°21	9°15	21° 3	18°24	3°41	9° 1	9°47	26°50	5°35	T 20
W21	8 1 13	0♒57'51	1♐31	17°55	14° 5	4°54	4°31	9°11	21° 2	18°26	3°41	8°57	9°44	26°57	5°40	W21
T 22	8 5 10	1°58'54	13°50	18°R 5	15°15	5°41	4°41	9° 6	21° 2	18°28	3°41	8°50	9°41	27° 3	5°45	T 22
F 23	8 9 6	2°59'56	26°28	18° 5	16°25	6°28	4°52	9° 2	21° 2	18°29	3°41	8°41	9°38	27°10	5°50	F 23
S 24	8 13 3	4° 0'57	9♑26	17°52	17°34	7°15	5° 2	8°58	21° 1	18°31	3°42	8°30	9°35	27°17	5°55	S 24
S 25	8 16 59	5° 1'58	22°44	17°28	18°44	8° 2	5°12	8°54	21° 1	18°33	3°42	8°18	9°32	27°23	6° 0	S 25
M26	8 20 56	6° 2'58	6♒21	16°54	19°53	8°49	5°23	8°50	21° 1	18°35	3°42	8° 7	9°28	27°30	6° 4	M26
T 27	8 24 53	7° 3'57	20°13	16° 8	21° 2	9°36	5°34	8°45	21° 1	18°36	3°42	7°58	9°25	27°37	6° 9	T 27
W28	8 28 49	8° 4'55	4♓16	15°14	22°11	10°22	5°44	8°41	21° 1	18°38	3°42	7°51	9°22	27°43	6°14	W28
T 29	8 32 46	9° 5'52	18°27	14°12	23°19	11° 9	5°55	8°38	21°D 1	18°40	3°43	7°46	9°19	27°50	6°19	T 29
F 30	8 36 42	10° 6'48	2♈40	13° 4	24°28	11°56	6° 6	8°34	21° 1	18°42	3°43	7°D45	9°16	27°57	6°24	F 30
S 31	8 40 39	11♒ 7'42	16♈52	11♒52	25♓36	12♓43	6♈17	8♋30	21♉ 1	18♓44	3♉43	7♈45	9♈13	28♎ 3	6♒29	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 2	11s 0	2s42	23s33	2s 7	16s24	1s48	16s 9	1s 8	0s32	1s18	22n27	0s34	17n51	0s16	5s48	1s 7	2s54	16s37	4n12	4n17	10s44	12s54	6n32
F 2	22 57	4 38	1 36	23 14	2 5	16 0	1 46	15 53	1 8	0 29	1 17	22 28	0 34	17 51	0 16	5 47	1 7	2 53	16 37	4 11	4 15	10 48	12 53	6 32
S 3	22 52	2n 1	0 24	22 54	2 3	15 35	1 45	15 38	1 7	0 26	1 17	22 28	0 34	17 50	0 16	5 47	1 7	2 53	16 36	4 10	4 14	10 51	12 52	6 32
S 4	22 46	8 37	0n50	22 32	2 0	15 9	1 43	15 22	1 7	0 23	1 17	22 29	0 34	17 50	0 16	5 46	1 7	2 53	16 36	4 10	4 13	10 54	12 51	6 32
M 5	22 39	14 50	2 2	22 8	1 56	14 43	1 41	15 6	1 6	0 19	1 17	22 29	0 34	17 50	0 16	5 46	1 7	2 53	16 36	4 10	4 12	10 57	12 50	6 31
T 6	22 32	20 17	3 6	21 44	1 51	14 17	1 39	14 51	1 5	0 16	1 16	22 30	0 34	17 49	0 16	5 45	1 7	2 52	16 35	4 9	4 10	11 1	12 49	6 31
W 7	22 25	24 36	3 58	21 18	1 46	13 50	1 37	14 34	1 5	0 13	1 16	22 30	0 33	17 49	0 16	5 45	1 7	2 52	16 35	4 7	4 9	11 4	12 48	6 31
T 8	22 17	27 23	4 36	20 50	1 40	13 24	1 35	14 18	1 4	0 9	1 16	22 31	0 33	17 49	0 16	5 44	1 7	2 52	16 35	4 3	4 8	11 7	12 48	6 31
F 9	22 9	28 24	4 57	20 22	1 33	12 56	1 33	14 2	1 4	0 6	1 16	22 31	0 33	17 49	0 16	5 44	1 7	2 52	16 34	3 59	4 7	11 10	12 47	6 31
S 10	22 0	27 35	4 59	19 53	1 25	12 29	1 30	13 45	1 3	0 2	1 15	22 32	0 33	17 48	0 16	5 43	1 7	2 51	16 34	3 54	4 5	11 14	12 46	6 31
S 11	21 51	25 6	4 44	19 22	1 17	12 1	1 28	13 29	1 3	0n 2	1 15	22 32	0 33	17 48	0 16	5 42	1 7	2 51	16 33	3 49	4 4	11 17	12 45	6 31
M12	21 42	21 17	4 14	18 51	1 7	11 33	1 25	13 12	1 2	0 5	1 15	22 33	0 33	17 48	0 16	5 42	1 7	2 51	16 33	3 44	4 3	11 20	12 44	6 30
T 13	21 32	16 32	3 31	18 20	0 57	11 4	1 22	12 55	1 2	0 9	1 15	22 33	0 33	17 48	0 16	5 41	1 7	2 50	16 33	3 40	4 2	11 23	12 43	6 30
W14	21 21	11 11	2 39	17 49	0 46	10 36	1 20	12 38	1 1	0 13	1 15	22 34	0 33	17 48	0 16	5 41	1 7	2 50	16 32	3 38	4 0	11 26	12 42	6 30
T 15	21 11	5 31	1 40	17 18	0 33	10 7	1 17	12 21	1 0	0 17	1 14	22 34	0 32	17 47	0 16	5 40	1 7	2 50	16 32	3 36	3 59	11 30	12 41	6 30
F 16	20 59	0s14	0 37	16 47	0 20	9 38	1 14	12 4	1 0	0 21	1 14	22 35	0 32	17 47	0 16	5 39	1 7	2 50	16 32	3 36	3 58	11 33	12 39	6 30
S 17	20 48	5 54	0s26	16 17	0 6	9 8	1 11	11 46	0 59	0 25	1 14	22 35	0 32	17 47	0 16	5 39	1 7	2 49	16 31	3 36	3 57	11 36	12 38	6 30
S 18	20 36	11 19	1 28	15 48	0n 9	8 39	1 8	11 29	0 59	0 29	1 14	22 36	0 32	17 47	0 16	5 38	1 7	2 49	16 31	3 36	3 55	11 39	12 37	6 30
M19	20 24	16 20	2 25	15 20	0 25	8 9	1 4	11 11	0 58	0 33	1 13	22 36	0 32	17 47	0 16	5 38	1 7	2 49	16 31	3 36	3 54	11 43	12 36	6 30
T 20	20 11	20 46	3 18	14 55	0 42	7 39	1 1	10 54	0 57	0 37	1 13	22 36	0 32	17 47	0 16	5 37	1 7	2 48	16 30	3 35	3 53	11 46	12 35	6 30
W21	19 58	24 25	4 1	14 32	0 59	7 9	0 58	10 36	0 57	0 41	1 13	22 37	0 32	17 47	0 16	5 36	1 7	2 48	16 30	3 33	3 52	11 49	12 34	6 30
T 22	19 44	27 2	4 35	14 12	1 17	6 39	0 54	10 18	0 56	0 45	1 13	22 37	0 32	17 47	0 16	5 36	1 7	2 47	16 30	3 30	3 50	11 52	12 33	6 30
F 23	19 30	28 21	4 56	13 55	1 35	6 9	0 50	10 0	0 56	0 49	1 13	22 38	0 31	17 47	0 16	5 35	1 7	2 47	16 29	3 27	3 49	11 55	12 32	6 30
S 24	19 16	28 10	5 3	13 42	1 53	5 38	0 47	9 42	0 55	0 54	1 12	22 38	0 31	17 47	0 16	5 34	1 7	2 47	16 29	3 22	3 48	11 58	12 31	6 30
S 25	19 2	26 22	4 54	13 32	2 11	5 7	0 43	9 24	0 54	0 58	1 12	22 39	0 31	17 46	0 16	5 33	1 7	2 46	16 28	3 18	3 47	12 2	12 30	6 30
M26	18 47	23 1	4 28	13 26	2 28	4 37	0 39	9 6	0 54	1 2	1 12	22 39	0 31	17 46	0 16	5 33	1 7	2 46	16 28	3 13	3 45	12 5	12 28	6 30
T 27	18 31	18 19	3 45	13 25	2 43	4 6	0 35	8 48	0 53	1 7	1 12	22 39	0 31	17 46	0 16	5 32	1 7	2 45	16 28	3 10	3 44	12 8	12 27	6 30
W28	18 16	12 34	2 49	13 27	2 58	3 35	0 31	8 30	0 52	1 11	1 12	22 40	0 31	17 46	0 16	5 31	1 7	2 45	16 27	3 7	3 43	12 11	12 26	6 30
T 29	18 0	6 8	1 41	13 33	3 10	3 4	0 27	8 11	0 52	1 16	1 11	22 40	0 31	17 46	0 16	5 31	1 7	2 45	16 27	3 5	3 42	12 14	12 25	6 30
F 30	17 44	0n39	0 27	13 42	3 21	2 33	0 23	7 53	0 51	1 20	1 11	22 41	0 31	17 47	0 16	5 30	1 7	2 44	16 27	3 5	3 40	12 18	12 24	6 30
S 31	17s27	7n23	0n49	13s53	3n29	2s 2	0s18	7s34	0s51	1n25	1s11	22n41	0s30	17n47	0s16	5s29	1s 7	2s44	16s26	3n 5	3n39	12s21	12s22	6n30

Julian Day Number = 2399315.5, Delta T = 9.85 sec
Ecliptic obliquity = 23°27'37, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°44'36, Lahiri = 21°51'37

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ASTRODIENST EPHEMERIS for the year 1857
geocentric

FEBRUARY 1857 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 44 35	12♒ 8'35	1♉ 3	10°R39	26♓44	13♓30	6♈28	8°R26	21♉ 1	18♓46	3♉43	7♈46	9♈ 9	28♎10	6♒34	S 1
M 2	8 48 32	13° 9'26	15° 9	9♒25	27°52	14°16	6°40	8♋23	21° 1	18°48	3°44	7°R46	9° 6	28°16	6°39	M 2
T 3	8 52 28	14°10'16	29°10	8°14	29° 0	15° 3	6°51	8°19	21° 2	18°50	3°44	7°45	9° 3	28°23	6°44	T 3
W 4	8 56 25	15°11'05	13♊ 5	7° 8	0♈ 8	15°50	7° 3	8°16	21° 2	18°51	3°45	7°42	9° 0	28°30	6°49	W 4
T 5	9 0 22	16°11'52	26°54	6° 6	1°15	16°36	7°14	8°12	21° 2	18°53	3°45	7°36	8°57	28°36	6°53	T 5
F 6	9 4 18	17°12'38	10♋33	5°11	2°22	17°23	7°26	8° 9	21° 3	18°55	3°45	7°29	8°53	28°43	6°58	F 6
S 7	9 8 15	18°13'22	24° 2	4°24	3°29	18° 9	7°38	8° 6	21° 3	18°57	3°46	7°20	8°50	28°50	7° 3	S 7
S 8	9 12 11	19°14'05	7♌17	3°44	4°36	18°56	7°50	8° 3	21° 4	18°59	3°46	7°11	8°47	28°56	7° 8	S 8
M 9	9 16 8	20°14'46	20°18	3°13	5°42	19°43	8° 2	8° 0	21° 4	19° 2	3°47	7° 3	8°44	29° 3	7°13	M 9
T 10	9 20 4	21°15'26	3♍ 3	2°50	6°48	20°29	8°14	7°57	21° 5	19° 4	3°47	6°56	8°41	29°10	7°17	T 10
W11	9 24 1	22°16'05	15°33	2°34	7°54	21°16	8°26	7°54	21° 6	19° 6	3°48	6°52	8°38	29°16	7°22	W11
T 12	9 27 57	23°16'42	27°48	2°27	9° 0	22° 2	8°38	7°51	21° 6	19° 8	3°48	6°50	8°34	29°23	7°27	T 12
F 13	9 31 54	24°17'18	9♎51	2°D27	10° 5	22°48	8°50	7°48	21° 7	19°10	3°49	6°D49	8°31	29°30	7°32	F 13
S 14	9 35 51	25°17'52	21°44	2°33	11°10	23°35	9° 3	7°46	21° 8	19°12	3°49	6°50	8°28	29°36	7°36	S 14
S 15	9 39 47	26°18'26	3♏33	2°46	12°15	24°21	9°15	7°43	21° 9	19°14	3°50	6°52	8°25	29°43	7°41	S 15
M16	9 43 44	27°18'58	15°22	3° 5	13°19	25° 7	9°27	7°41	21°10	19°16	3°51	6°53	8°22	29°50	7°46	M16
T 17	9 47 40	28°19'29	27°16	3°30	14°24	25°54	9°40	7°39	21°11	19°18	3°51	6°R54	8°18	29°56	7°51	T 17
W18	9 51 37	29°19'59	9♐20	4° 0	15°28	26°40	9°53	7°37	21°12	19°20	3°52	6°53	8°15	0♏ 3	7°55	W18
T 19	9 55 33	0♓20'27	21°39	4°35	16°31	27°26	10° 6	7°35	21°13	19°23	3°53	6°51	8°12	0°10	8° 0	T 19
F 20	9 59 30	1°20'54	4♑17	5°14	17°34	28°12	10°18	7°33	21°14	19°25	3°53	6°48	8° 9	0°16	8° 4	F 20
S 21	10 3 26	2°21'20	17°18	5°58	18°37	28°59	10°31	7°31	21°15	19°27	3°54	6°43	8° 6	0°23	8° 9	S 21
S 22	10 7 23	3°21'44	0♒43	6°45	19°40	29°45	10°44	7°29	21°16	19°29	3°55	6°37	8° 3	0°30	8°14	S 22
M23	10 11 20	4°22'06	14°32	7°35	20°42	0♈31	10°57	7°28	21°18	19°31	3°56	6°32	7°59	0°36	8°18	M23
T 24	10 15 16	5°22'27	28°42	8°29	21°44	1°17	11°10	7°26	21°19	19°34	3°56	6°27	7°56	0°43	8°23	T 24
W25	10 19 13	6°22'47	13♓ 9	9°26	22°46	2° 3	11°23	7°25	21°20	19°36	3°57	6°24	7°53	0°50	8°27	W25
T 26	10 23 9	7°23'04	27°46	10°26	23°47	2°49	11°37	7°23	21°22	19°38	3°58	6°22	7°50	0°56	8°32	T 26
F 27	10 27 6	8°23'19	12♈26	11°28	24°48	3°35	11°50	7°22	21°23	19°40	3°59	6°D22	7°47	1° 3	8°36	F 27
S 28	10 31 2	9♓23'33	27♈ 4	12♒33	25♈48	4♈21	12♈ 3	7♋21	21♉25	19♓43	4♉ 0	6♈23	7♈44	1♏10	8♒40	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s10	13n45	2n 2	14s 8	3n35	1s31	0s14	7s16	0s50	1n29	1s11	22n41	0s30	17n47	0s16	5s28	1s 7	2s43	16s26	3n 5	3n38	12s24	12s21	6n30
M 2	16 53	19 22	3 7	14 24	3 39	0 59	0 9	6 57	0 49	1 34	1 11	22 42	0 30	17 47	0 16	5 28	1 7	2 43	16 26	3 5	3 37	12 27	12 20	6 30
T 3	16 36	23 54	4 0	14 41	3 40	0 28	0 5	6 38	0 49	1 39	1 10	22 42	0 30	17 47	0 16	5 27	1 7	2 43	16 25	3 5	3 35	12 30	12 19	6 30
W 4	16 18	27 0	4 39	14 59	3 39	0n 3	0 0	6 20	0 48	1 43	1 10	22 42	0 30	17 47	0 16	5 26	1 7	2 42	16 25	3 3	3 34	12 33	12 18	6 30
T 5	16 0	28 27	5 1	15 17	3 35	0 34	0n 5	6 1	0 47	1 48	1 10	22 43	0 30	17 47	0 15	5 25	1 7	2 42	16 25	3 1	3 33	12 37	12 16	6 30
F 6	15 41	28 8	5 6	15 36	3 30	1 5	0 9	5 42	0 47	1 53	1 10	22 43	0 30	17 47	0 15	5 24	1 7	2 41	16 24	2 58	3 32	12 40	12 15	6 30
S 7	15 23	26 9	4 54	15 54	3 23	1 36	0 14	5 23	0 46	1 58	1 10	22 43	0 29	17 47	0 15	5 24	1 7	2 41	16 24	2 55	3 30	12 43	12 14	6 30
S 8	15 4	22 45	4 26	16 11	3 14	2 7	0 19	5 5	0 45	2 2	1 10	22 44	0 29	17 47	0 15	5 23	1 6	2 40	16 24	2 51	3 29	12 46	12 13	6 30
M 9	14 45	18 16	3 44	16 28	3 5	2 38	0 24	4 46	0 45	2 7	1 9	22 44	0 29	17 48	0 15	5 22	1 6	2 40	16 23	2 48	3 28	12 49	12 11	6 30
T 10	14 26	13 4	2 52	16 43	2 54	3 9	0 29	4 27	0 44	2 12	1 9	22 44	0 29	17 48	0 15	5 21	1 6	2 39	16 23	2 45	3 27	12 52	12 10	6 30
W11	14 6	7 26	1 53	16 58	2 43	3 40	0 34	4 8	0 43	2 17	1 9	22 45	0 29	17 48	0 15	5 20	1 6	2 39	16 23	2 44	3 25	12 56	12 9	6 30
T 12	13 46	1 37	0 49	17 11	2 31	4 11	0 40	3 49	0 43	2 22	1 9	22 45	0 29	17 48	0 15	5 20	1 6	2 38	16 22	2 43	3 24	12 59	12 8	6 30
F 13	13 26	4s 9	0s16	17 23	2 19	4 41	0 45	3 30	0 42	2 27	1 9	22 45	0 29	17 48	0 15	5 19	1 6	2 38	16 22	2 43	3 23	13 2	12 6	6 30
S 14	13 6	9 43	1 20	17 33	2 7	5 12	0 50	3 11	0 41	2 32	1 9	22 46	0 28	17 49	0 15	5 18	1 6	2 37	16 22	2 43	3 22	13 5	12 5	6 31
S 15	12 46	14 54	2 20	17 42	1 54	5 42	0 56	2 52	0 41	2 37	1 9	22 46	0 28	17 49	0 15	5 17	1 6	2 37	16 21	2 44	3 20	13 8	12 4	6 31
M16	12 25	19 33	3 14	17 50	1 42	6 12	1 1	2 33	0 40	2 42	1 8	22 46	0 28	17 49	0 15	5 16	1 6	2 36	16 21	2 44	3 19	13 11	12 3	6 31
T 17	12 4	23 28	4 0	17 56	1 29	6 42	1 7	2 14	0 39	2 47	1 8	22 46	0 28	17 49	0 15	5 15	1 6	2 36	16 21	2 45	3 18	13 14	12 1	6 31
W18	11 43	26 25	4 37	18 1	1 17	7 12	1 12	1 55	0 39	2 52	1 8	22 47	0 28	17 50	0 15	5 14	1 6	2 35	16 20	2 44	3 17	13 17	12 0	6 31
T 19	11 22	28 12	5 1	18 5	1 5	7 42	1 18	1 36	0 38	2 57	1 8	22 47	0 28	17 50	0 15	5 14	1 6	2 35	16 20	2 43	3 15	13 21	11 59	6 31
F 20	11 0	28 35	5 11	18 7	0 53	8 11	1 23	1 17	0 37	3 3	1 8	22 47	0 27	17 50	0 15	5 13	1 6	2 34	16 20	2 42	3 14	13 24	11 57	6 31
S 21	10 39	27 24	5 6	18 8	0 41	8 41	1 29	0 58	0 37	3 8	1 8	22 48	0 27	17 51	0 15	5 12	1 6	2 34	16 19	2 40	3 13	13 27	11 56	6 32
S 22	10 17	24 39	4 45	18 7	0 30	9 10	1 35	0 39	0 36	3 13	1 8	22 48	0 27	17 51	0 15	5 11	1 6	2 33	16 19	2 38	3 12	13 30	11 55	6 32
M23	9 55	20 24	4 6	18 5	0 19	9 39	1 41	0 20	0 35	3 18	1 7	22 48	0 27	17 51	0 15	5 10	1 6	2 33	16 19	2 36	3 10	13 33	11 53	6 32
T 24	9 33	14 56	3 12	18 1	0 8	10 7	1 47	0 1	0 35	3 23	1 7	22 48	0 27	17 52	0 15	5 9	1 6	2 32	16 18	2 34	3 9	13 36	11 52	6 32
W25	9 11	8 32	2 4	17 57	0s 2	10 36	1 52	0n18	0 34	3 29	1 7	22 48	0 27	17 52	0 15	5 8	1 6	2 32	16 18	2 33	3 8	13 39	11 51	6 32
T 26	8 48	1 37	0 47	17 50	0 12	11 4	1 58	0 37	0 33	3 34	1 7	22 49	0 27	17 53	0 15	5 7	1 6	2 31	16 18	2 32	3 7	13 42	11 50	6 32
F 27	8 26	5n26	0n33	17 42	0 22	11 32	2 4	0 56	0 32	3 39	1 7	22 49	0 26	17 53	0 15	5 7	1 6	2 30	16 17	2 32	3 5	13 45	11 48	6 33
S 28	8s 3	12n10	1n51	17s33	0s31	12n 0	2n10	1n15	0s32	3n45	1s 7	22n49	0s26	17n53	0s15	5s 6	1s 6	2s30	16s17	2n32	3n 4	13s49	11s47	6n33

Julian Day Number = 2399346.5, Delta T = 9.82 sec
Ecliptic obliquity = 23°27'37, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°44'41, Lahiri = 21°51'41

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ASTRODIENST EPHEMERIS for the year 1857
geocentric

MARCH 1857 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 34 59	10♓23'45	11♉35	13♒40	26♈48	5♈ 7	12♈17	7°R20	21♉26	19♓45	4♉ 1	6♈25	7♈40	1♏16	8♒45	S 1
M 2	10 38 55	11°23'54	25°53	14°49	27°47	5°52	12°30	7♋19	21°28	19°47	4° 2	6°26	7°37	1°23	8°49	M 2
T 3	10 42 52	12°24'02	9♊58	16° 0	28°46	6°38	12°43	7°19	21°30	19°49	4° 2	6°R27	7°34	1°29	8°53	T 3
W 4	10 46 49	13°24'07	23°48	17°13	29°44	7°24	12°57	7°18	21°31	19°52	4° 3	6°26	7°31	1°36	8°58	W 4
T 5	10 50 45	14°24'10	7♋23	18°28	0♉42	8°10	13°11	7°18	21°33	19°54	4° 4	6°25	7°28	1°43	9° 2	T 5
F 6	10 54 42	15°24'11	20°42	19°45	1°40	8°55	13°24	7°17	21°35	19°56	4° 5	6°22	7°24	1°49	9° 6	F 6
S 7	10 58 38	16°24'10	3♌48	21° 3	2°37	9°41	13°38	7°17	21°37	19°58	4° 6	6°19	7°21	1°56	9°10	S 7
S 8	11 2 35	17°24'06	16°39	22°23	3°33	10°26	13°52	7°17	21°39	20° 1	4° 7	6°16	7°18	2° 3	9°14	S 8
M 9	11 6 31	18°24'01	29°18	23°44	4°29	11°12	14° 5	7°D17	21°41	20° 3	4° 8	6°14	7°15	2° 9	9°18	M 9
T 10	11 10 28	19°23'53	11♍44	25° 7	5°24	11°57	14°19	7°17	21°43	20° 5	4° 9	6°12	7°12	2°16	9°22	T 10
W11	11 14 24	20°23'44	24° 0	26°31	6°19	12°43	14°33	7°17	21°45	20° 8	4°10	6°10	7° 9	2°23	9°26	W11
T 12	11 18 21	21°23'32	6♎ 5	27°57	7°13	13°28	14°47	7°17	21°47	20°10	4°11	6°D10	7° 5	2°29	9°30	T 12
F 13	11 22 18	22°23'19	18° 2	29°24	8° 6	14°14	15° 1	7°18	21°49	20°12	4°12	6°10	7° 2	2°36	9°34	F 13
S 14	11 26 14	23°23'04	29°53	0♓53	8°58	14°59	15°15	7°18	21°51	20°14	4°13	6°11	6°59	2°43	9°38	S 14
S 15	11 30 11	24°22'47	11♏42	2°23	9°50	15°44	15°29	7°19	21°53	20°17	4°14	6°12	6°56	2°49	9°42	S 15
M16	11 34 7	25°22'28	23°31	3°54	10°41	16°29	15°43	7°19	21°55	20°19	4°16	6°13	6°53	2°56	9°46	M16
T 17	11 38 4	26°22'08	5♐25	5°26	11°32	17°15	15°57	7°20	21°58	20°21	4°17	6°14	6°50	3° 3	9°49	T 17
W18	11 42 0	27°21'45	17°29	7° 0	12°21	18° 0	16°11	7°21	22° 0	20°23	4°18	6°15	6°46	3° 9	9°53	W18
T 19	11 45 57	28°21'21	29°45	8°35	13°10	18°45	16°25	7°22	22° 2	20°26	4°19	6°R15	6°43	3°16	9°57	T 19
F 20	11 49 53	29°20'56	12♑20	10°12	13°58	19°30	16°39	7°23	22° 5	20°28	4°20	6°15	6°40	3°23	10° 0	F 20
S 21	11 53 50	0♈20'28	25°17	11°49	14°45	20°15	16°53	7°25	22° 7	20°30	4°21	6°14	6°37	3°29	10° 4	S 21
S 22	11 57 47	1°19'59	8♒39	13°28	15°32	21° 0	17° 8	7°26	22°10	20°33	4°22	6°14	6°34	3°36	10° 7	S 22
M23	12 1 43	2°19'28	22°27	15° 9	16°17	21°45	17°22	7°28	22°12	20°35	4°24	6°13	6°30	3°43	10°11	M23
T 24	12 5 40	3°18'55	6♓41	16°50	17° 1	22°30	17°36	7°29	22°15	20°37	4°25	6°13	6°27	3°49	10°14	T 24
W25	12 9 36	4°18'20	21°18	18°33	17°44	23°14	17°50	7°31	22°17	20°39	4°26	6°13	6°24	3°56	10°18	W25
T 26	12 13 33	5°17'43	6♈11	20°17	18°27	23°59	18° 5	7°33	22°20	20°41	4°27	6°D13	6°21	4° 3	10°21	T 26
F 27	12 17 29	6°17'04	21°13	22° 3	19° 8	24°44	18°19	7°35	22°22	20°44	4°28	6°R13	6°18	4° 9	10°24	F 27
S 28	12 21 26	7°16'23	6♉16	23°50	19°48	25°29	18°33	7°37	22°25	20°46	4°30	6°13	6°15	4°16	10°28	S 28
S 29	12 25 22	8°15'39	21°10	25°38	20°27	26°13	18°48	7°39	22°28	20°48	4°31	6°13	6°11	4°23	10°31	S 29
M30	12 29 19	9°14'54	5♊49	27°28	21° 4	26°58	19° 2	7°41	22°31	20°50	4°32	6°12	6° 8	4°29	10°34	M30
T 31	12 33 15	10♈14'06	20♊ 8	29♓19	21♉41	27♈42	19♈16	7♋43	22♉33	20♓52	4♉33	6♈12	6♈ 5	4♏36	10♒37	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s41	18n12	3n 2	17s23	0s40	12n27	2n16	1n33	0s31	3n50	1s 7	22n49	0s26	17n54	0s15	5s 5	1s 6	2s29	16s17	2n33	3n 3	13s52	11s46	6n33
M 2	7 18	23 7	4 0	17 11	0 49	12 54	2 22	1 52	0 30	3 55	1 7	22 49	0 26	17 54	0 15	5 4	1 6	2 29	16 17	2 33	3 2	13 55	11 44	6 33
T 3	6 55	26 37	4 42	16 58	0 57	13 21	2 28	2 11	0 30	4 1	1 6	22 50	0 26	17 55	0 15	5 3	1 6	2 28	16 16	2 34	3 0	13 58	11 43	6 33
W 4	6 32	28 26	5 7	16 43	1 5	13 48	2 34	2 30	0 29	4 6	1 6	22 50	0 26	17 55	0 15	5 2	1 6	2 28	16 16	2 33	2 59	14 1	11 42	6 34
T 5	6 9	28 30	5 15	16 27	1 13	14 14	2 40	2 48	0 28	4 11	1 6	22 50	0 26	17 56	0 15	5 1	1 6	2 27	16 16	2 33	2 58	14 4	11 40	6 34
F 6	5 45	26 53	5 5	16 10	1 20	14 40	2 46	3 7	0 28	4 17	1 6	22 50	0 25	17 56	0 15	5 0	1 6	2 27	16 15	2 32	2 57	14 7	11 39	6 34
S 7	5 22	23 51	4 40	15 51	1 26	15 5	2 53	3 26	0 27	4 22	1 6	22 50	0 25	17 57	0 15	5 0	1 6	2 26	16 15	2 31	2 55	14 10	11 38	6 34
S 8	4 59	19 40	4 0	15 32	1 33	15 30	2 59	3 44	0 26	4 28	1 6	22 51	0 25	17 57	0 15	4 59	1 6	2 25	16 15	2 30	2 54	14 13	11 37	6 35
M 9	4 35	14 41	3 10	15 10	1 39	15 55	3 5	4 3	0 26	4 33	1 6	22 51	0 25	17 58	0 15	4 58	1 6	2 25	16 15	2 29	2 53	14 16	11 35	6 35
T 10	4 12	9 11	2 11	14 48	1 44	16 20	3 11	4 21	0 25	4 38	1 6	22 51	0 25	17 58	0 15	4 57	1 6	2 24	16 14	2 28	2 52	14 19	11 34	6 35
W11	3 49	3 25	1 7	14 24	1 49	16 44	3 17	4 39	0 24	4 44	1 6	22 51	0 25	17 59	0 15	4 56	1 6	2 24	16 14	2 27	2 50	14 22	11 33	6 35
T 12	3 25	2s25	0 0	13 59	1 54	17 7	3 23	4 58	0 23	4 49	1 6	22 51	0 25	17 59	0 15	4 55	1 6	2 23	16 14	2 27	2 49	14 25	11 31	6 36
F 13	3 1	8 5	1s 5	13 32	1 58	17 31	3 29	5 16	0 23	4 55	1 5	22 51	0 24	18 0	0 15	4 54	1 6	2 23	16 14	2 27	2 48	14 28	11 30	6 36
S 14	2 38	13 26	2 8	13 5	2 2	17 54	3 35	5 34	0 22	5 0	1 5	22 51	0 24	18 0	0 15	4 53	1 6	2 22	16 13	2 28	2 46	14 32	11 29	6 36
S 15	2 14	18 17	3 5	12 36	2 6	18 16	3 41	5 52	0 21	5 6	1 5	22 51	0 24	18 1	0 15	4 52	1 6	2 22	16 13	2 28	2 45	14 35	11 28	6 37
M16	1 50	22 26	3 54	12 5	2 9	18 38	3 47	6 10	0 21	5 11	1 5	22 52	0 24	18 2	0 15	4 52	1 6	2 21	16 13	2 28	2 44	14 38	11 26	6 37
T 17	1 27	25 42	4 33	11 34	2 12	19 0	3 53	6 28	0 20	5 17	1 5	22 52	0 24	18 2	0 15	4 51	1 7	2 20	16 13	2 29	2 43	14 41	11 25	6 37
W18	1 3	27 51	5 1	11 1	2 14	19 21	3 59	6 46	0 19	5 22	1 5	22 52	0 24	18 3	0 15	4 50	1 7	2 20	16 13	2 29	2 41	14 44	11 24	6 37
T 19	0 39	28 43	5 15	10 27	2 16	19 42	4 5	7 4	0 19	5 28	1 5	22 52	0 24	18 4	0 15	4 49	1 7	2 19	16 12	2 29	2 40	14 47	11 23	6 38
F 20	0 16	28 7	5 16	9 52	2 17	20 2	4 11	7 22	0 18	5 33	1 5	22 52	0 23	18 4	0 15	4 48	1 7	2 19	16 12	2 29	2 39	14 50	11 21	6 38
S 21	0n 8	26 1	5 0	9 15	2 18	20 22	4 16	7 39	0 17	5 39	1 5	22 52	0 23	18 5	0 15	4 47	1 7	2 18	16 12	2 29	2 38	14 53	11 20	6 38
S 22	0 32	22 26	4 28	8 38	2 18	20 41	4 22	7 57	0 17	5 44	1 5	22 52	0 23	18 5	0 15	4 46	1 7	2 18	16 12	2 29	2 36	14 56	11 19	6 39
M23	0 56	17 30	3 40	7 59	2 18	21 0	4 28	8 14	0 16	5 50	1 5	22 52	0 23	18 6	0 15	4 45	1 7	2 17	16 12	2 28	2 35	14 59	11 18	6 39
T 24	1 19	11 29	2 37	7 19	2 18	21 18	4 33	8 32	0 15	5 55	1 5	22 52	0 23	18 7	0 15	4 45	1 7	2 16	16 11	2 28	2 34	15 2	11 16	6 39
W25	1 43	4 43	1 22	6 38	2 17	21 36	4 39	8 49	0 15	6 1	1 5	22 52	0 23	18 7	0 15	4 44	1 7	2 16	16 11	2 28	2 33	15 5	11 15	6 40
T 26	2 6	2n27	0 0	5 55	2 15	21 53	4 44	9 6	0 14	6 6	1 4	22 52	0 23	18 8	0 14	4 43	1 7	2 15	16 11	2 28	2 31	15 8	11 14	6 40
F 27	2 30	9 34	1n22	5 12	2 13	22 10	4 50	9 23	0 13	6 12	1 4	22 52	0 22	18 9	0 14	4 42	1 7	2 15	16 11	2 28	2 30	15 11	11 13	6 41
S 28	2 53	16 7	2 39	4 27	2 11	22 26	4 55	9 40	0 12	6 17	1 4	22 52	0 22	18 10	0 14	4 41	1 7	2 14	16 11	2 28	2 29	15 14	11 12	6 41
S 29	3 17	21 41	3 45	3 42	2 8	22 42	5 0	9 57	0 12	6 23	1 4	22 52	0 22	18 10	0 14	4 40	1 7	2 14	16 10	2 28	2 28	15 17	11 10	6 41
M30	3 40	25 47	4 34	2 55	2 5	22 57	5 5	10 14	0 11	6 28	1 4	22 52	0 22	18 11	0 14	4 39	1 7	2 13	16 10	2 28	2 26	15 20	11 9	6 42
T 31	4n 3	28n10	5n 5	2s 7	2s 1	23n11	5n10	10n30	0s10	6n34	1s 4	22n52	0s22	18n12	0s14	4s39	1s 7	2s13	16s10	2n28	2n25	15s23	11s 8	6n42

Julian Day Number = 2399374.5, Delta T = 9.80 sec
Ecliptic obliquity = 23°27'38, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°44'44, Lahiri = 21°51'45

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ASTRODIENST EPHEMERIS for the year 1857
geocentric

APRIL 1857 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 37 12	11♈13'16	4♋ 4	1♈12	22♉16	28♈27	19♈31	7♋46	22♉36	20♓55	4♉35	6°R12	6♈ 2	4♏43	10♒40	W 1
T 2	12 41 9	12°12'24	17°38	3° 5	22°49	29°11	19°45	7°48	22°39	20°57	4°36	6°D12	5°59	4°49	10°43	T 2
F 3	12 45 5	13°11'29	0♌49	5° 1	23°21	29°56	20° 0	7°51	22°42	20°59	4°37	6♈12	5°56	4°56	10°46	F 3
S 4	12 49 2	14°10'32	13°42	6°57	23°52	0♉40	20°14	7°54	22°45	21° 1	4°39	6°13	5°52	5° 3	10°49	S 4
S 5	12 52 58	15° 9'32	26°17	8°55	24°21	1°24	20°28	7°57	22°48	21° 3	4°40	6°14	5°49	5° 9	10°51	S 5
M 6	12 56 55	16° 8'30	8♍39	10°55	24°49	2° 8	20°43	8° 0	22°51	21° 5	4°41	6°14	5°46	5°16	10°54	M 6
T 7	13 0 51	17° 7'26	20°49	12°55	25°15	2°53	20°57	8° 3	22°54	21° 7	4°42	6°15	5°43	5°23	10°57	T 7
W 8	13 4 48	18° 6'20	2♎51	14°57	25°39	3°37	21°12	8° 6	22°57	21° 9	4°44	6°R16	5°40	5°29	10°59	W 8
T 9	13 8 44	19° 5'12	14°47	17° 0	26° 1	4°21	21°26	8° 9	23° 0	21°12	4°45	6°15	5°36	5°36	11° 2	T 9
F 10	13 12 41	20° 4'02	26°39	19° 4	26°22	5° 5	21°41	8°13	23° 3	21°14	4°46	6°15	5°33	5°43	11° 4	F 10
S 11	13 16 38	21° 2'49	8♏28	21° 9	26°40	5°49	21°55	8°16	23° 6	21°16	4°48	6°13	5°30	5°49	11° 7	S 11
S 12	13 20 34	22° 1'35	20°17	23°14	26°57	6°33	22°10	8°20	23° 9	21°18	4°49	6°11	5°27	5°56	11° 9	S 12
M13	13 24 31	23° 0'19	2♐ 9	25°21	27°11	7°17	22°24	8°23	23°12	21°20	4°50	6° 8	5°24	6° 3	11°11	M13
T 14	13 28 27	23°59'02	14° 6	27°27	27°24	8° 0	22°39	8°27	23°15	21°22	4°52	6° 6	5°21	6° 9	11°14	T 14
W15	13 32 24	24°57'42	26°12	29°34	27°34	8°44	22°53	8°31	23°18	21°24	4°53	6° 3	5°17	6°16	11°16	W15
T 16	13 36 20	25°56'21	8♑28	1♉41	27°42	9°28	23° 7	8°35	23°21	21°26	4°55	6° 1	5°14	6°23	11°18	T 16
F 17	13 40 17	26°54'58	21° 1	3°48	27°48	10°12	23°22	8°39	23°25	21°28	4°56	6° 0	5°11	6°29	11°20	F 17
S 18	13 44 13	27°53'34	3♒53	5°54	27°52	10°55	23°36	8°43	23°28	21°30	4°57	6°D 0	5° 8	6°36	11°22	S 18
S 19	13 48 10	28°52'08	17° 7	7°58	27°R53	11°39	23°51	8°47	23°31	21°31	4°59	6° 1	5° 5	6°43	11°24	S 19
M20	13 52 7	29°50'40	0♓47	10° 2	27°52	12°22	24° 5	8°51	23°34	21°33	5° 0	6° 3	5° 1	6°49	11°26	M20
T 21	13 56 3	0♉49'10	14°53	12° 4	27°49	13° 6	24°20	8°56	23°37	21°35	5° 1	6° 4	4°58	6°56	11°28	T 21
W22	14 0 0	1°47'39	29°25	14° 4	27°43	13°49	24°34	9° 0	23°41	21°37	5° 3	6°R 5	4°55	7° 3	11°29	W22
T 23	14 3 56	2°46'06	14♈18	16° 2	27°35	14°33	24°48	9° 5	23°44	21°39	5° 4	6° 5	4°52	7° 9	11°31	T 23
F 24	14 7 53	3°44'31	29°27	17°57	27°24	15°16	25° 3	9° 9	23°47	21°41	5° 5	6° 3	4°49	7°16	11°33	F 24
S 25	14 11 49	4°42'55	14♉41	19°50	27°11	15°59	25°17	9°14	23°51	21°42	5° 7	6° 1	4°46	7°23	11°34	S 25
S 26	14 15 46	5°41'16	29°51	21°39	26°55	16°43	25°31	9°19	23°54	21°44	5° 8	5°57	4°42	7°29	11°36	S 26
M27	14 19 42	6°39'36	14♊47	23°25	26°37	17°26	25°46	9°23	23°57	21°46	5°10	5°53	4°39	7°36	11°37	M27
T 28	14 23 39	7°37'54	29°22	25° 8	26°17	18° 9	26° 0	9°28	24° 1	21°48	5°11	5°48	4°36	7°43	11°38	T 28
W29	14 27 36	8°36'10	13♋30	26°47	25°54	18°52	26°14	9°33	24° 4	21°49	5°12	5°45	4°33	7°49	11°40	W29
T 30	14 31 32	9♉34'24	27♋10	28♉23	25♉29	19♉35	26♈29	9♋39	24♉ 8	21♓51	5♉14	5♈43	4♈30	7♏56	11♒41	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n27	28n41	5n17	1s18	1s56	23n25	5n15	10n47	0s10	6n39	1s 4	22n52	0s22	18n12	0s14	4s38	1s 7	2s12	16s10	2n28	2n24	15s26	11s 7	6n42
T 2	4 50	27 26	5 11	0 28	1 51	23 39	5 20	11 3	0 9	6 45	1 4	22 52	0 22	18 13	0 14	4 37	1 7	2 12	16 10	2 28	2 23	15 29	11 6	6 43
F 3	5 13	24 41	4 49	0n22	1 46	23 51	5 24	11 19	0 8	6 50	1 4	22 52	0 21	18 14	0 14	4 36	1 7	2 11	16 10	2 28	2 21	15 32	11 5	6 43
S 4	5 36	20 45	4 12	1 14	1 40	24 3	5 29	11 36	0 8	6 56	1 4	22 52	0 21	18 15	0 14	4 35	1 7	2 10	16 10	2 28	2 20	15 35	11 4	6 44
S 5	5 59	15 58	3 24	2 6	1 34	24 15	5 33	11 52	0 7	7 1	1 4	22 52	0 21	18 15	0 14	4 34	1 7	2 10	16 9	2 28	2 19	15 38	11 2	6 44
M 6	6 21	10 37	2 27	3 0	1 27	24 26	5 37	12 8	0 6	7 7	1 4	22 52	0 21	18 16	0 14	4 34	1 7	2 9	16 9	2 29	2 18	15 41	11 1	6 44
T 7	6 44	4 56	1 25	3 54	1 19	24 36	5 40	12 23	0 6	7 12	1 4	22 52	0 21	18 17	0 14	4 33	1 7	2 9	16 9	2 29	2 16	15 44	11 0	6 45
W 8	7 6	0s51	0 19	4 48	1 11	24 45	5 44	12 39	0 5	7 17	1 4	22 52	0 21	18 18	0 14	4 32	1 7	2 8	16 9	2 29	2 15	15 47	10 59	6 45
T 9	7 29	6 33	0s47	5 43	1 3	24 54	5 47	12 55	0 4	7 23	1 4	22 52	0 21	18 18	0 14	4 31	1 7	2 8	16 9	2 29	2 14	15 50	10 58	6 46
F 10	7 51	12 0	1 51	6 39	0 54	25 2	5 50	13 10	0 4	7 28	1 4	22 52	0 21	18 19	0 14	4 30	1 7	2 7	16 9	2 29	2 13	15 53	10 57	6 46
S 11	8 13	17 0	2 49	7 34	0 45	25 9	5 53	13 25	0 3	7 34	1 4	22 52	0 20	18 20	0 14	4 30	1 7	2 7	16 9	2 28	2 11	15 56	10 56	6 46
S 12	8 35	21 22	3 40	8 30	0 35	25 15	5 56	13 40	0 2	7 39	1 4	22 52	0 20	18 21	0 14	4 29	1 7	2 6	16 9	2 27	2 10	15 59	10 55	6 47
M13	8 57	24 53	4 22	9 26	0 25	25 21	5 58	13 55	0 2	7 44	1 4	22 52	0 20	18 22	0 14	4 28	1 7	2 6	16 9	2 26	2 9	16 2	10 54	6 47
T 14	9 19	27 21	4 53	10 21	0 15	25 26	6 0	14 10	0 1	7 50	1 4	22 51	0 20	18 22	0 14	4 27	1 7	2 5	16 9	2 25	2 7	16 4	10 53	6 48
W15	9 40	28 35	5 11	11 16	0 4	25 30	6 1	14 25	0 0	7 55	1 4	22 51	0 20	18 23	0 14	4 27	1 7	2 5	16 8	2 24	2 6	16 7	10 52	6 48
T 16	10 2	28 26	5 15	12 11	0n 7	25 33	6 3	14 40	0n 0	8 1	1 4	22 51	0 20	18 24	0 14	4 26	1 7	2 4	16 8	2 24	2 5	16 10	10 51	6 48
F 17	10 23	26 50	5 5	13 4	0 18	25 35	6 3	14 54	0 1	8 6	1 4	22 51	0 20	18 25	0 14	4 25	1 7	2 4	16 8	2 23	2 4	16 13	10 50	6 49
S 18	10 44	23 49	4 39	13 57	0 29	25 36	6 4	15 8	0 2	8 11	1 4	22 51	0 19	18 26	0 14	4 24	1 7	2 3	16 8	2 23	2 2	16 16	10 49	6 49
S 19	11 5	19 30	3 58	14 48	0 40	25 36	6 4	15 23	0 2	8 17	1 4	22 51	0 19	18 26	0 14	4 24	1 7	2 3	16 8	2 24	2 1	16 19	10 48	6 50
M20	11 26	14 3	3 2	15 38	0 50	25 36	6 3	15 36	0 3	8 22	1 4	22 51	0 19	18 27	0 14	4 23	1 7	2 2	16 8	2 24	2 0	16 22	10 47	6 50
T 21	11 46	7 43	1 54	16 26	1 1	25 34	6 2	15 50	0 3	8 27	1 4	22 51	0 19	18 28	0 14	4 22	1 7	2 2	16 8	2 25	1 59	16 25	10 46	6 51
W22	12 6	0 48	0 37	17 13	1 11	25 31	6 1	16 4	0 4	8 33	1 4	22 50	0 19	18 29	0 14	4 21	1 7	2 1	16 8	2 25	1 57	16 28	10 45	6 51
T 23	12 27	6n20	0n45	17 57	1 21	25 27	5 59	16 17	0 5	8 38	1 4	22 50	0 19	18 30	0 14	4 21	1 7	2 1	16 8	2 25	1 56	16 31	10 45	6 52
F 24	12 47	13 14	2 5	18 39	1 31	25 22	5 56	16 31	0 5	8 43	1 4	22 50	0 19	18 31	0 14	4 20	1 7	2 0	16 8	2 24	1 55	16 34	10 44	6 52
S 25	13 6	19 23	3 16	19 19	1 40	25 16	5 53	16 44	0 6	8 48	1 4	22 50	0 19	18 31	0 14	4 19	1 7	2 0	16 8	2 23	1 54	16 37	10 43	6 53
S 26	13 26	24 15	4 13	19 57	1 49	25 8	5 49	16 57	0 7	8 53	1 4	22 50	0 19	18 32	0 14	4 19	1 7	2 0	16 8	2 22	1 52	16 40	10 42	6 53
M27	13 45	27 25	4 52	20 32	1 57	25 0	5 45	17 10	0 7	8 59	1 4	22 49	0 18	18 33	0 14	4 18	1 7	1 59	16 8	2 20	1 51	16 42	10 41	6 53
T 28	14 4	28 38	5 11	21 5	2 4	24 50	5 40	17 23	0 8	9 4	1 4	22 49	0 18	18 34	0 14	4 17	1 8	1 59	16 8	2 19	1 50	16 45	10 40	6 54
W29	14 23	27 55	5 10	21 35	2 11	24 39	5 34	17 35	0 9	9 9	1 4	22 49	0 18	18 35	0 14	4 17	1 8	1 58	16 8	2 17	1 49	16 48	10 40	6 54
T 30	14n42	25n30	4n51	22n 2	2n17	24n27	5n28	17n47	0n 9	9n14	1s 4	22n49	0s18	18n36	0s14	4s16	1s 8	1s58	16s 8	2n16	1n47	16s51	10s39	6n55

Julian Day Number = 2399405.5, Delta T = 9.77 sec
Ecliptic obliquity = 23°27'38, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°44'49, Lahiri = 21°51'49

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ASTRODIENST EPHEMERIS for the year 1857
geocentric

MAY 1857 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 35 29	10♉32'35	10♌24	29♉54	25°R 2	20♉18	26♈43	9♋44	24♉11	21♓53	5♉15	5°D42	4♈27	8♏ 3	11♒42	F 1
S 2	14 39 25	11°30'45	23°13	1♊22	24♉33	21° 1	26°57	9°49	24°14	21°54	5°16	5♈43	4°23	8° 9	11°43	S 2
S 3	14 43 22	12°28'53	5♍42	2°45	24° 3	21°44	27°11	9°54	24°18	21°56	5°18	5°44	4°20	8°16	11°44	S 3
M 4	14 47 18	13°26'58	17°55	4° 5	23°30	22°27	27°25	10° 0	24°21	21°58	5°19	5°46	4°17	8°23	11°45	M 4
T 5	14 51 15	14°25'02	29°56	5°20	22°57	23° 9	27°39	10° 5	24°25	21°59	5°21	5°R47	4°14	8°29	11°46	T 5
W 6	14 55 11	15°23'04	11♎50	6°31	22°22	23°52	27°54	10°11	24°28	22° 1	5°22	5°47	4°11	8°36	11°47	W 6
T 7	14 59 8	16°21'04	23°39	7°37	21°46	24°35	28° 8	10°16	24°32	22° 2	5°23	5°45	4° 7	8°43	11°47	T 7
F 8	15 3 5	17°19'02	5♏28	8°39	21° 9	25°17	28°22	10°22	24°35	22° 4	5°25	5°42	4° 4	8°49	11°48	F 8
S 9	15 7 1	18°16'59	17°18	9°37	20°31	26° 0	28°36	10°28	24°39	22° 5	5°26	5°36	4° 1	8°56	11°49	S 9
S 10	15 10 58	19°14'54	29°10	10°29	19°53	26°42	28°50	10°33	24°42	22° 7	5°27	5°29	3°58	9° 3	11°49	S 10
M11	15 14 54	20°12'48	11♐ 8	11°18	19°16	27°25	29° 4	10°39	24°46	22° 8	5°29	5°21	3°55	9° 9	11°50	M11
T 12	15 18 51	21°10'40	23°12	12° 1	18°38	28° 7	29°18	10°45	24°49	22° 9	5°30	5°12	3°52	9°16	11°50	T 12
W13	15 22 47	22° 8'31	5♑25	12°40	18° 1	28°50	29°31	10°51	24°53	22°11	5°31	5° 4	3°48	9°23	11°50	W13
T 14	15 26 44	23° 6'21	17°48	13°14	17°24	29°32	29°45	10°57	24°56	22°12	5°33	4°58	3°45	9°29	11°50	T 14
F 15	15 30 40	24° 4'09	0♒24	13°43	16°48	0♊14	29°59	11° 3	25° 0	22°13	5°34	4°53	3°42	9°36	11°51	F 15
S 16	15 34 37	25° 1'57	13°15	14° 8	16°14	0°57	0♉13	11°10	25° 3	22°15	5°35	4°51	3°39	9°43	11°51	S 16
S 17	15 38 34	25°59'43	26°25	14°27	15°40	1°39	0°26	11°16	25° 7	22°16	5°37	4°D50	3°36	9°49	11°R51	S 17
M18	15 42 30	26°57'28	9♓57	14°42	15° 9	2°21	0°40	11°22	25°10	22°17	5°38	4°50	3°33	9°56	11°51	M18
T 19	15 46 27	27°55'12	23°52	14°52	14°38	3° 3	0°54	11°28	25°14	22°18	5°39	4°51	3°29	10° 3	11°51	T 19
W20	15 50 23	28°52'54	8♈11	14°56	14°10	3°45	1° 7	11°35	25°17	22°20	5°40	4°R52	3°26	10° 9	11°50	W20
T 21	15 54 20	29°50'36	22°52	14°R57	13°44	4°27	1°21	11°41	25°21	22°21	5°42	4°50	3°23	10°16	11°50	T 21
F 22	15 58 16	0♊48'17	7♉51	14°52	13°20	5° 9	1°34	11°48	25°24	22°22	5°43	4°47	3°20	10°23	11°50	F 22
S 23	16 2 13	1°45'56	23° 0	14°43	12°58	5°51	1°48	11°54	25°28	22°23	5°44	4°41	3°17	10°29	11°50	S 23
S 24	16 6 9	2°43'35	8♊10	14°30	12°38	6°33	2° 1	12° 1	25°31	22°24	5°45	4°33	3°13	10°36	11°49	S 24
M25	16 10 6	3°41'12	23°11	14°13	12°21	7°15	2°15	12° 8	25°35	22°25	5°47	4°25	3°10	10°43	11°49	M25
T 26	16 14 3	4°38'48	7♋52	13°53	12° 5	7°56	2°28	12°14	25°38	22°26	5°48	4°16	3° 7	10°49	11°48	T 26
W27	16 17 59	5°36'23	22° 9	13°29	11°53	8°38	2°41	12°21	25°41	22°27	5°49	4° 8	3° 4	10°56	11°47	W27
T 28	16 21 56	6°33'56	5♌56	13° 2	11°42	9°20	2°54	12°28	25°45	22°28	5°50	4° 2	3° 1	11° 3	11°47	T 28
F 29	16 25 52	7°31'28	19°14	12°32	11°35	10° 1	3° 7	12°35	25°48	22°29	5°52	3°59	2°58	11° 9	11°46	F 29
S 30	16 29 49	8°28'59	2♍ 6	12° 1	11°29	10°43	3°20	12°42	25°52	22°30	5°53	3°57	2°54	11°16	11°45	S 30
S 31	16 33 45	9♊26'28	14♍35	11♊29	11♉26	11♊25	3♉33	12♋49	25♉55	22♓30	5♉54	3°D57	2♈51	11♏23	11♒44	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n 0	21n47	4n17	22n27	2n22	24n13	5n21	18n 0	0n10	9n19	1s 4	22n48	0s18	18n37	0s14	4s16	1s 8	1s57	16s 8	2n16	1n46	16s54	10s38	6n55
S 2	15 18	17 7	3 32	22 50	2 26	23 59	5 13	18 12	0 10	9 24	1 4	22 48	0 18	18 37	0 14	4 15	1 8	1 57	16 8	2 16	1 45	16 57	10 37	6 56
S 3	15 36	11 52	2 37	23 10	2 29	23 43	5 4	18 23	0 11	9 29	1 4	22 48	0 18	18 38	0 14	4 14	1 8	1 57	16 8	2 17	1 44	17 0	10 37	6 56
M 4	15 53	6 15	1 36	23 28	2 32	23 26	4 55	18 35	0 12	9 35	1 4	22 48	0 18	18 39	0 14	4 14	1 8	1 56	16 8	2 17	1 42	17 3	10 36	6 57
T 5	16 11	0 31	0 32	23 43	2 33	23 8	4 46	18 47	0 12	9 40	1 4	22 47	0 17	18 40	0 14	4 13	1 8	1 56	16 8	2 18	1 41	17 5	10 35	6 57
W 6	16 28	5s11	0s33	23 57	2 34	22 49	4 35	18 58	0 13	9 45	1 4	22 47	0 17	18 41	0 14	4 13	1 8	1 55	16 8	2 18	1 40	17 8	10 35	6 58
T 7	16 45	10 40	1 36	24 7	2 34	22 28	4 25	19 9	0 14	9 50	1 4	22 47	0 17	18 42	0 14	4 12	1 8	1 55	16 8	2 17	1 38	17 11	10 34	6 58
F 8	17 1	15 46	2 34	24 16	2 32	22 8	4 13	19 20	0 14	9 55	1 4	22 46	0 17	18 43	0 14	4 11	1 8	1 55	16 8	2 16	1 37	17 14	10 33	6 59
S 9	17 17	20 18	3 26	24 23	2 30	21 46	4 1	19 31	0 15	10 0	1 4	22 46	0 17	18 43	0 14	4 11	1 8	1 54	16 8	2 14	1 36	17 17	10 33	6 59
S 10	17 33	24 2	4 9	24 27	2 26	21 24	3 49	19 41	0 15	10 4	1 4	22 46	0 17	18 44	0 14	4 10	1 8	1 54	16 8	2 11	1 35	17 20	10 32	6 59
M11	17 49	26 46	4 41	24 30	2 22	21 1	3 36	19 52	0 16	10 9	1 4	22 45	0 17	18 45	0 14	4 10	1 8	1 54	16 8	2 8	1 33	17 23	10 32	7 0
T 12	18 4	28 18	5 1	24 31	2 17	20 37	3 22	20 2	0 17	10 14	1 4	22 45	0 17	18 46	0 14	4 9	1 8	1 53	16 8	2 4	1 32	17 25	10 31	7 0
W13	18 19	28 28	5 8	24 29	2 10	20 14	3 9	20 12	0 17	10 19	1 4	22 45	0 17	18 47	0 14	4 9	1 8	1 53	16 8	2 1	1 31	17 28	10 30	7 1
T 14	18 34	27 14	5 0	24 26	2 3	19 50	2 55	20 21	0 18	10 24	1 4	22 44	0 16	18 48	0 14	4 8	1 8	1 53	16 9	1 58	1 30	17 31	10 30	7 1
F 15	18 48	24 36	4 38	24 22	1 54	19 26	2 41	20 31	0 18	10 29	1 4	22 44	0 16	18 48	0 14	4 8	1 8	1 52	16 9	1 57	1 28	17 34	10 29	7 2
S 16	19 2	20 43	4 2	24 15	1 45	19 3	2 26	20 40	0 19	10 34	1 4	22 43	0 16	18 49	0 14	4 7	1 8	1 52	16 9	1 56	1 27	17 37	10 29	7 2
S 17	19 16	15 43	3 12	24 7	1 34	18 39	2 12	20 50	0 19	10 38	1 4	22 43	0 16	18 50	0 14	4 7	1 8	1 52	16 9	1 55	1 26	17 40	10 28	7 3
M18	19 30	9 51	2 10	23 57	1 23	18 16	1 58	20 59	0 20	10 43	1 4	22 42	0 16	18 51	0 14	4 6	1 8	1 51	16 9	1 56	1 25	17 42	10 28	7 3
T 19	19 43	3 20	0 59	23 46	1 10	17 53	1 43	21 7	0 21	10 48	1 4	22 42	0 16	18 52	0 14	4 6	1 8	1 51	16 9	1 56	1 23	17 45	10 28	7 4
W20	19 56	3n31	0n18	23 33	0 57	17 31	1 29	21 16	0 21	10 52	1 4	22 42	0 16	18 53	0 14	4 6	1 8	1 51	16 9	1 56	1 22	17 48	10 27	7 4
T 21	20 8	10 22	1 35	23 19	0 43	17 10	1 15	21 24	0 22	10 57	1 4	22 41	0 16	18 54	0 14	4 5	1 8	1 50	16 9	1 56	1 21	17 51	10 27	7 5
F 22	20 20	16 46	2 47	23 4	0 28	16 49	1 1	21 33	0 22	11 2	1 4	22 41	0 16	18 54	0 14	4 5	1 8	1 50	16 9	1 54	1 20	17 54	10 26	7 5
S 23	20 32	22 13	3 48	22 47	0 12	16 30	0 47	21 41	0 23	11 6	1 4	22 40	0 15	18 55	0 14	4 4	1 8	1 50	16 9	1 52	1 18	17 56	10 26	7 6
S 24	20 43	26 11	4 33	22 30	0s 4	16 11	0 34	21 48	0 24	11 11	1 4	22 40	0 15	18 56	0 14	4 4	1 9	1 50	16 10	1 49	1 17	17 59	10 26	7 6
M25	20 54	28 15	4 59	22 11	0 21	15 53	0 20	21 56	0 24	11 15	1 4	22 39	0 15	18 57	0 14	4 4	1 9	1 49	16 10	1 45	1 16	18 2	10 26	7 6
T 26	21 5	28 17	5 4	21 51	0 38	15 36	0 7	22 3	0 25	11 20	1 4	22 39	0 15	18 58	0 14	4 3	1 9	1 49	16 10	1 42	1 14	18 5	10 25	7 7
W27	21 15	26 24	4 50	21 31	0 55	15 20	0s 5	22 11	0 25	11 24	1 4	22 38	0 15	18 59	0 14	4 3	1 9	1 49	16 10	1 39	1 13	18 7	10 25	7 7
T 28	21 25	22 59	4 19	21 11	1 13	15 5	0 17	22 18	0 26	11 29	1 5	22 38	0 15	18 59	0 14	4 3	1 9	1 49	16 10	1 36	1 12	18 10	10 25	7 8
F 29	21 35	18 28	3 35	20 50	1 30	14 51	0 29	22 24	0 26	11 33	1 5	22 37	0 15	19 0	0 14	4 2	1 9	1 48	16 10	1 35	1 11	18 13	10 25	7 8
S 30	21 44	13 15	2 41	20 28	1 48	14 38	0 41	22 31	0 27	11 38	1 5	22 37	0 15	19 1	0 14	4 2	1 9	1 48	16 10	1 34	1 9	18 16	10 24	7 9
S 31	21n53	7n38	1n41	20n 7	2s 4	14n27	0s52	22n37	0n27	11n42	1s 5	22n36	0s15	19n 2	0s14	4s 2	1s 9	1s48	16s11	1n34	1n 8	18s18	10s24	7n 9

Julian Day Number = 2399435.5, Delta T = 9.74 sec
Ecliptic obliquity = 23°27'37, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°44'53, Lahiri = 21°51'53

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ASTRODIENST EPHEMERIS for the year 1857
geocentric

JUNE 1857 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 37 42	10♊23'56	26♍46	10°R55	11°D25	12♊ 6	3♉46	12♋55	25♉59	22♓31	5♉55	3♈57	2♈48	11♏29	11°R43	M 1
T 2	16 41 38	11°21'22	8♎45	10♊22	11♉27	12°48	3°59	13° 3	26° 2	22°32	5°56	3°R57	2°45	11°36	11♒42	T 2
W 3	16 45 35	12°18'48	20°36	9°48	11°30	13°29	4°12	13°10	26° 5	22°33	5°57	3°56	2°42	11°43	11°41	W 3
T 4	16 49 32	13°16'12	2♏24	9°16	11°36	14°10	4°25	13°17	26° 9	22°34	5°59	3°53	2°39	11°49	11°40	T 4
F 5	16 53 28	14°13'35	14°13	8°45	11°45	14°52	4°37	13°24	26°12	22°34	6° 0	3°46	2°35	11°56	11°39	F 5
S 6	16 57 25	15°10'58	26° 5	8°16	11°55	15°33	4°50	13°31	26°16	22°35	6° 1	3°38	2°32	12° 3	11°37	S 6
S 7	17 1 21	16° 8'19	8♐ 4	7°50	12° 7	16°14	5° 3	13°38	26°19	22°35	6° 2	3°27	2°29	12°10	11°36	S 7
M 8	17 5 18	17° 5'40	20°11	7°26	12°22	16°55	5°15	13°45	26°22	22°36	6° 3	3°14	2°26	12°16	11°35	M 8
T 9	17 9 14	18° 3'00	2♑27	7° 6	12°38	17°36	5°27	13°53	26°26	22°37	6° 4	3° 2	2°23	12°23	11°33	T 9
W10	17 13 11	19° 0'19	14°52	6°50	12°56	18°17	5°40	14° 0	26°29	22°37	6° 5	2°50	2°19	12°30	11°32	W10
T 11	17 17 8	19°57'37	27°28	6°37	13°17	18°58	5°52	14° 7	26°32	22°38	6° 6	2°39	2°16	12°36	11°30	T 11
F 12	17 21 4	20°54'55	10♒15	6°29	13°39	19°39	6° 4	14°15	26°35	22°38	6° 7	2°31	2°13	12°43	11°28	F 12
S 13	17 25 1	21°52'13	23°15	6°D24	14° 2	20°20	6°16	14°22	26°39	22°39	6° 8	2°26	2°10	12°50	11°27	S 13
S 14	17 28 57	22°49'30	6♓29	6°25	14°27	21° 1	6°28	14°30	26°42	22°39	6° 9	2°24	2° 7	12°56	11°25	S 14
M15	17 32 54	23°46'47	19°59	6°30	14°54	21°42	6°40	14°37	26°45	22°39	6°10	2°23	2° 4	13° 3	11°23	M15
T 16	17 36 50	24°44'03	3♈46	6°39	15°23	22°23	6°52	14°44	26°48	22°40	6°11	2°23	2° 0	13°10	11°21	T 16
W17	17 40 47	25°41'20	17°53	6°53	15°53	23° 4	7° 4	14°52	26°51	22°40	6°12	2°22	1°57	13°16	11°19	W17
T 18	17 44 43	26°38'36	2♉18	7°12	16°24	23°44	7°16	14°59	26°55	22°40	6°13	2°20	1°54	13°23	11°17	T 18
F 19	17 48 40	27°35'52	16°59	7°35	16°57	24°25	7°27	15° 7	26°58	22°40	6°14	2°16	1°51	13°30	11°15	F 19
S 20	17 52 37	28°33'08	1♊51	8° 3	17°31	25° 6	7°39	15°15	27° 1	22°41	6°15	2° 8	1°48	13°36	11°13	S 20
S 21	17 56 33	29°30'23	16°45	8°35	18° 6	25°46	7°50	15°22	27° 4	22°41	6°16	1°59	1°45	13°43	11°11	S 21
M22	18 0 30	0♋27'39	1♋35	9°12	18°43	26°27	8° 2	15°30	27° 7	22°41	6°17	1°47	1°41	13°50	11° 9	M22
T 23	18 4 26	1°24'54	16° 9	9°53	19°20	27° 8	8°13	15°37	27°10	22°41	6°18	1°36	1°38	13°56	11° 6	T 23
W24	18 8 23	2°22'08	0♌23	10°39	19°59	27°48	8°24	15°45	27°13	22°41	6°18	1°26	1°35	14° 3	11° 4	W24
T 25	18 12 19	3°19'22	14°10	11°29	20°39	28°28	8°35	15°53	27°16	22°R41	6°19	1°18	1°32	14°10	11° 2	T 25
F 26	18 16 16	4°16'36	27°30	12°23	21°20	29° 9	8°46	16° 1	27°19	22°41	6°20	1°13	1°29	14°16	10°59	F 26
S 27	18 20 12	5°13'49	10♍24	13°21	22° 2	29°49	8°57	16° 8	27°22	22°41	6°21	1°10	1°25	14°23	10°57	S 27
S 28	18 24 9	6°11'02	22°55	14°24	22°45	0♋30	9° 8	16°16	27°25	22°41	6°22	1° 8	1°22	14°30	10°54	S 28
M29	18 28 6	7° 8'14	5♎ 8	15°30	23°29	1°10	9°19	16°24	27°28	22°41	6°22	1° 8	1°19	14°36	10°52	M29
T 30	18 32 2	8♋ 5'26	17♎ 7	16♊41	24♉13	1♋50	9♉29	16♋31	27♉31	22♓41	6♉23	1♈ 8	1♈16	14♏43	10♒49	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 2	1n52	0n38	19n47	2s21	14n16	1s 3	22n44	0n28	11n46	1s 5	22n35	0s14	19n 3	0s14	4s 2	1s 9	1s48	16s11	1n34	1n 7	18s21	10s24	7n10
T 2	22 10	3s52	0s26	19 26	2 36	14 7	1 13	22 49	0 29	11 50	1 5	22 35	0 14	19 3	0 14	4 1	1 9	1 47	16 11	1 34	1 6	18 24	10 24	7 10
W 3	22 17	9 24	1 27	19 7	2 51	13 59	1 23	22 55	0 29	11 55	1 5	22 34	0 14	19 4	0 14	4 1	1 9	1 47	16 11	1 34	1 4	18 27	10 24	7 10
T 4	22 25	14 35	2 25	18 48	3 5	13 52	1 33	23 1	0 30	11 59	1 5	22 34	0 14	19 5	0 14	4 1	1 9	1 47	16 11	1 33	1 3	18 29	10 24	7 11
F 5	22 32	19 15	3 17	18 31	3 18	13 45	1 42	23 6	0 30	12 3	1 5	22 33	0 14	19 6	0 14	4 1	1 9	1 47	16 11	1 30	1 2	18 32	10 24	7 11
S 6	22 38	23 10	4 0	18 15	3 30	13 40	1 50	23 11	0 31	12 7	1 5	22 32	0 14	19 7	0 14	4 0	1 9	1 47	16 12	1 27	1 1	18 35	10 24	7 12
S 7	22 44	26 9	4 32	18 1	3 40	13 36	1 59	23 16	0 31	12 11	1 5	22 32	0 14	19 7	0 14	4 0	1 9	1 47	16 12	1 22	0 59	18 38	10 24	7 12
M 8	22 50	27 58	4 53	17 48	3 50	13 33	2 7	23 21	0 32	12 15	1 5	22 31	0 14	19 8	0 14	4 0	1 9	1 46	16 12	1 17	0 58	18 40	10 23	7 12
T 9	22 55	28 27	5 1	17 37	3 58	13 31	2 14	23 25	0 32	12 19	1 5	22 31	0 14	19 9	0 14	4 0	1 9	1 46	16 12	1 12	0 57	18 43	10 23	7 13
W10	23 0	27 30	4 54	17 27	4 4	13 29	2 21	23 29	0 33	12 24	1 5	22 30	0 14	19 10	0 14	4 0	1 9	1 46	16 12	1 8	0 56	18 46	10 24	7 13
T 11	23 5	25 9	4 34	17 20	4 10	13 29	2 28	23 33	0 33	12 27	1 6	22 29	0 14	19 11	0 14	3 59	1 9	1 46	16 13	1 3	0 54	18 49	10 24	7 14
F 12	23 9	21 31	3 59	17 15	4 14	13 29	2 35	23 37	0 34	12 31	1 6	22 29	0 13	19 11	0 14	3 59	1 9	1 46	16 13	1 0	0 53	18 51	10 24	7 14
S 13	23 13	16 47	3 11	17 11	4 16	13 30	2 41	23 41	0 34	12 35	1 6	22 28	0 13	19 12	0 14	3 59	1 9	1 46	16 13	0 58	0 52	18 54	10 24	7 14
S 14	23 16	11 12	2 12	17 10	4 18	13 32	2 46	23 44	0 35	12 39	1 6	22 27	0 13	19 13	0 14	3 59	1 10	1 46	16 13	0 57	0 50	18 57	10 24	7 15
M15	23 19	4 58	1 5	17 10	4 18	13 35	2 52	23 47	0 35	12 43	1 6	22 26	0 13	19 14	0 14	3 59	1 10	1 46	16 14	0 57	0 49	18 59	10 24	7 15
T 16	23 21	1n37	0n 7	17 13	4 17	13 38	2 57	23 50	0 36	12 47	1 6	22 26	0 13	19 14	0 14	3 59	1 10	1 46	16 14	0 57	0 48	19 2	10 24	7 16
W17	23 23	8 16	1 21	17 17	4 15	13 42	3 2	23 53	0 37	12 51	1 6	22 25	0 13	19 15	0 14	3 59	1 10	1 45	16 14	0 57	0 47	19 5	10 24	7 16
T 18	23 25	14 39	2 31	17 23	4 12	13 47	3 6	23 56	0 37	12 54	1 6	22 24	0 13	19 16	0 14	3 59	1 10	1 45	16 14	0 56	0 45	19 7	10 24	7 16
F 19	23 26	20 19	3 32	17 31	4 8	13 52	3 10	23 58	0 38	12 58	1 6	22 23	0 13	19 16	0 14	3 59	1 10	1 45	16 14	0 54	0 44	19 10	10 25	7 17
S 20	23 27	24 47	4 20	17 40	4 3	13 58	3 14	24 0	0 38	13 2	1 6	22 23	0 13	19 17	0 14	3 59	1 10	1 45	16 15	0 51	0 43	19 13	10 25	7 17
S 21	23 28	27 37	4 50	17 51	3 57	14 4	3 18	24 2	0 39	13 5	1 7	22 22	0 13	19 18	0 14	3 59	1 10	1 45	16 15	0 47	0 42	19 15	10 25	7 17
M22	23 28	28 27	5 0	18 3	3 50	14 11	3 21	24 4	0 39	13 9	1 7	22 21	0 12	19 19	0 14	3 59	1 10	1 45	16 15	0 43	0 40	19 18	10 25	7 18
T 23	23 27	27 18	4 51	18 17	3 43	14 18	3 24	24 5	0 40	13 12	1 7	22 20	0 12	19 19	0 14	3 59	1 10	1 45	16 15	0 38	0 39	19 21	10 26	7 18
W24	23 26	24 22	4 23	18 31	3 35	14 26	3 27	24 7	0 40	13 16	1 7	22 20	0 12	19 20	0 14	3 59	1 10	1 45	16 16	0 34	0 38	19 23	10 26	7 18
T 25	23 25	20 7	3 41	18 47	3 26	14 34	3 29	24 8	0 40	13 19	1 7	22 19	0 12	19 21	0 14	3 59	1 10	1 45	16 16	0 31	0 37	19 26	10 26	7 19
F 26	23 23	14 58	2 48	19 3	3 16	14 42	3 31	24 8	0 41	13 23	1 7	22 18	0 12	19 21	0 14	3 59	1 10	1 45	16 16	0 29	0 35	19 29	10 27	7 19
S 27	23 21	9 20	1 47	19 21	3 6	14 51	3 33	24 9	0 41	13 26	1 7	22 17	0 12	19 22	0 14	3 59	1 10	1 45	16 16	0 28	0 34	19 31	10 27	7 19
S 28	23 19	3 29	0 43	19 38	2 56	15 0	3 35	24 10	0 42	13 29	1 7	22 16	0 12	19 23	0 14	3 59	1 10	1 45	16 17	0 27	0 33	19 34	10 27	7 19
M29	23 16	2s22	0s21	19 57	2 45	15 9	3 37	24 10	0 42	13 33	1 7	22 15	0 12	19 23	0 14	3 59	1 10	1 45	16 17	0 27	0 31	19 36	10 28	7 20
T 30	23n13	8s 1	1s24	20n15	2s33	15n19	3s38	24n10	0n43	13n36	1s 8	22n15	0s12	19n24	0s14	3s59	1s10	1s45	16s17	0n27	0n30	19s39	10s28	7n20

Julian Day Number = 2399466.5, Delta T = 9.71 sec
Ecliptic obliquity = 23°27'37, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°44'57, Lahiri = 21°51'58

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ASTRODIENST EPHEMERIS for the year 1857
geocentric

JULY 1857 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 35 59	9♋ 2'37	28♎59	17♊55	24♉59	2♋30	9♉40	16♋39	27♉33	22°R41	6♉24	1°R 7	1♈13	14♏50	10°R47	W 1
T 2	18 39 55	9°59'48	10♏48	19°13	25°45	3°10	9°50	16°47	27°36	22♓40	6°25	1♈ 3	1°10	14°57	10♒44	T 2
F 3	18 43 52	10°56'59	22°39	20°35	26°32	3°51	10° 0	16°55	27°39	22°40	6°25	0°58	1° 6	15° 3	10°41	F 3
S 4	18 47 48	11°54'10	4♐37	22° 1	27°20	4°31	10°10	17° 2	27°42	22°40	6°26	0°49	1° 3	15°10	10°39	S 4
S 5	18 51 45	12°51'21	16°43	23°31	28° 9	5°11	10°20	17°10	27°44	22°40	6°27	0°39	1° 0	15°17	10°36	S 5
M 6	18 55 41	13°48'32	29° 0	25° 4	28°58	5°51	10°30	17°18	27°47	22°39	6°27	0°26	0°57	15°23	10°33	M 6
T 7	18 59 38	14°45'43	11♑29	26°41	29°48	6°31	10°40	17°26	27°50	22°39	6°28	0°14	0°54	15°30	10°30	T 7
W 8	19 3 35	15°42'54	24°11	28°22	0♊39	7°11	10°50	17°34	27°52	22°39	6°29	0° 2	0°51	15°37	10°27	W 8
T 9	19 7 31	16°40'05	7♒ 5	0♋ 5	1°30	7°50	11° 0	17°41	27°55	22°38	6°29	29♓52	0°47	15°43	10°24	T 9
F 10	19 11 28	17°37'16	20°10	1°52	2°22	8°30	11° 9	17°49	27°58	22°38	6°30	29°44	0°44	15°50	10°21	F 10
S 11	19 15 24	18°34'28	3♓27	3°43	3°15	9°10	11°18	17°57	28° 0	22°37	6°30	29°39	0°41	15°57	10°18	S 11
S 12	19 19 21	19°31'40	16°55	5°36	4° 8	9°50	11°28	18° 5	28° 2	22°37	6°31	29°36	0°38	16° 3	10°15	S 12
M13	19 23 17	20°28'53	0♈34	7°32	5° 2	10°30	11°37	18°13	28° 5	22°36	6°31	29°D36	0°35	16°10	10°12	M13
T 14	19 27 14	21°26'06	14°24	9°30	5°56	11° 9	11°46	18°20	28° 7	22°36	6°32	29°R36	0°31	16°17	10° 9	T 14
W15	19 31 11	22°23'21	28°26	11°30	6°51	11°49	11°55	18°28	28°10	22°35	6°32	29°36	0°28	16°23	10° 6	W15
T 16	19 35 7	23°20'35	12♉40	13°33	7°46	12°29	12° 3	18°36	28°12	22°34	6°33	29°35	0°25	16°30	10° 3	T 16
F 17	19 39 4	24°17'51	27° 3	15°37	8°42	13° 8	12°12	18°44	28°14	22°34	6°33	29°31	0°22	16°37	10° 0	F 17
S 18	19 43 0	25°15'07	11♊32	17°42	9°38	13°48	12°20	18°52	28°17	22°33	6°34	29°25	0°19	16°43	9°57	S 18
S 19	19 46 57	26°12'25	26° 3	19°49	10°35	14°27	12°29	18°59	28°19	22°32	6°34	29°17	0°16	16°50	9°54	S 19
M20	19 50 53	27° 9'43	10♋28	21°56	11°32	15° 7	12°37	19° 7	28°21	22°32	6°34	29° 8	0°12	16°57	9°50	M20
T 21	19 54 50	28° 7'01	24°43	24° 3	12°30	15°46	12°45	19°15	28°23	22°31	6°35	28°58	0° 9	17° 4	9°47	T 21
W22	19 58 46	29° 4'20	8♌41	26°11	13°28	16°26	12°53	19°23	28°25	22°30	6°35	28°49	0° 6	17°10	9°44	W22
T 23	20 2 43	0♌ 1'40	22°18	28°19	14°26	17° 5	13° 1	19°30	28°27	22°29	6°35	28°42	0° 3	17°17	9°41	T 23
F 24	20 6 40	0°59'00	5♍32	0♌26	15°25	17°45	13° 8	19°38	28°29	22°28	6°36	28°38	29♓59	17°24	9°37	F 24
S 25	20 10 36	1°56'20	18°23	2°32	16°24	18°24	13°16	19°46	28°31	22°27	6°36	28°35	29°57	17°30	9°34	S 25
S 26	20 14 33	2°53'41	0♎54	4°37	17°24	19° 3	13°23	19°53	28°33	22°27	6°36	28°D35	29°53	17°37	9°31	S 26
M27	20 18 29	3°51'03	13° 7	6°42	18°23	19°42	13°30	20° 1	28°35	22°26	6°36	28°36	29°50	17°44	9°27	M27
T 28	20 22 26	4°48'25	25° 8	8°45	19°24	20°22	13°38	20° 9	28°37	22°25	6°37	28°37	29°47	17°50	9°24	T 28
W29	20 26 22	5°45'48	7♏ 1	10°47	20°24	21° 1	13°44	20°16	28°39	22°24	6°37	28°R37	29°44	17°57	9°21	W29
T 30	20 30 19	6°43'11	18°52	12°48	21°25	21°40	13°51	20°24	28°41	22°23	6°37	28°36	29°41	18° 4	9°18	T 30
F 31	20 34 15	7♌40'35	0♐45	14♌48	22♊26	22♋19	13♉58	20♋31	28♉42	22♓22	6♉37	28♓33	29♓37	18♏10	9♒14	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 9	13s20	2s22	20n34	2s22	15n29	3s39	24n10	0n43	13n39	1s 8	22n14	0s12	19n25	0s14	3s59	1s10	1s45	16s18	0n27	0n29	19s42	10s29	7n20
T 2	23 5	18 8	3 13	20 52	2 9	15 39	3 40	24 9	0 44	13 42	1 8	22 13	0 12	19 25	0 14	3 59	1 10	1 45	16 18	0 25	0 28	19 44	10 29	7 20
F 3	23 0	22 16	3 57	21 11	1 57	15 49	3 41	24 9	0 44	13 45	1 8	22 12	0 11	19 26	0 14	3 59	1 10	1 45	16 18	0 23	0 26	19 47	10 30	7 21
S 4	22 56	25 30	4 30	21 29	1 45	15 59	3 41	24 8	0 45	13 48	1 8	22 11	0 11	19 27	0 14	4 0	1 10	1 45	16 18	0 20	0 25	19 49	10 30	7 21
S 5	22 50	27 38	4 52	21 46	1 32	16 10	3 42	24 7	0 45	13 51	1 8	22 10	0 11	19 27	0 14	4 0	1 11	1 45	16 19	0 15	0 24	19 52	10 31	7 21
M 6	22 45	28 28	5 1	22 3	1 19	16 20	3 42	24 6	0 46	13 54	1 8	22 9	0 11	19 28	0 14	4 0	1 11	1 46	16 19	0 10	0 23	19 55	10 31	7 21
T 7	22 39	27 52	4 55	22 19	1 6	16 31	3 42	24 4	0 46	13 57	1 8	22 8	0 11	19 28	0 14	4 0	1 11	1 46	16 19	0 5	0 21	19 57	10 32	7 22
W 8	22 32	25 48	4 35	22 33	0 54	16 41	3 42	24 2	0 47	14 0	1 9	22 7	0 11	19 29	0 14	4 0	1 11	1 46	16 20	0 1	0 20	20 0	10 32	7 22
T 9	22 25	22 23	4 0	22 47	0 41	16 52	3 41	24 1	0 47	14 3	1 9	22 7	0 11	19 30	0 14	4 0	1 11	1 46	16 20	0s 3	0 19	20 2	10 33	7 22
F 10	22 18	17 49	3 13	22 58	0 28	17 3	3 41	23 59	0 48	14 6	1 9	22 6	0 11	19 30	0 14	4 1	1 11	1 46	16 20	0 6	0 18	20 5	10 33	7 22
S 11	22 10	12 20	2 14	23 8	0 16	17 13	3 40	23 56	0 48	14 8	1 9	22 5	0 11	19 31	0 14	4 1	1 11	1 46	16 20	0 8	0 16	20 8	10 34	7 22
S 12	22 2	6 12	1 7	23 17	0 4	17 24	3 39	23 54	0 48	14 11	1 9	22 4	0 11	19 31	0 14	4 1	1 11	1 46	16 21	0 9	0 15	20 10	10 35	7 23
M13	21 54	0n18	0n 5	23 22	0n 8	17 34	3 38	23 51	0 49	14 14	1 9	22 3	0 11	19 32	0 14	4 1	1 11	1 46	16 21	0 10	0 14	20 13	10 35	7 23
T 14	21 45	6 53	1 18	23 26	0 19	17 45	3 37	23 49	0 49	14 16	1 9	22 2	0 10	19 32	0 14	4 2	1 11	1 46	16 21	0 10	0 13	20 15	10 36	7 23
W15	21 36	13 13	2 27	23 27	0 30	17 55	3 36	23 46	0 50	14 19	1 10	22 1	0 10	19 33	0 14	4 2	1 11	1 47	16 22	0 10	0 11	20 18	10 37	7 23
T 16	21 26	18 57	3 28	23 26	0 40	18 6	3 35	23 42	0 50	14 22	1 10	22 0	0 10	19 33	0 14	4 2	1 11	1 47	16 22	0 10	0 10	20 20	10 37	7 23
F 17	21 17	23 40	4 17	23 22	0 49	18 16	3 33	23 39	0 51	14 24	1 10	21 59	0 10	19 34	0 14	4 3	1 11	1 47	16 22	0 12	0 9	20 23	10 38	7 23
S 18	21 6	26 57	4 49	23 15	0 58	18 26	3 31	23 35	0 51	14 27	1 10	21 58	0 10	19 34	0 14	4 3	1 11	1 47	16 23	0 14	0 7	20 25	10 39	7 23
S 19	20 56	28 27	5 3	23 6	1 7	18 36	3 30	23 32	0 51	14 29	1 10	21 57	0 10	19 35	0 14	4 3	1 11	1 47	16 23	0 17	0 6	20 28	10 39	7 23
M20	20 45	27 59	4 58	22 53	1 14	18 45	3 28	23 28	0 52	14 31	1 10	21 56	0 10	19 35	0 14	4 3	1 11	1 47	16 23	0 21	0 5	20 30	10 40	7 24
T 21	20 33	25 41	4 34	22 39	1 21	18 55	3 26	23 24	0 52	14 34	1 11	21 55	0 10	19 36	0 14	4 4	1 11	1 48	16 24	0 25	0 4	20 33	10 41	7 24
W22	20 22	21 52	3 54	22 21	1 27	19 4	3 24	23 19	0 53	14 36	1 11	21 54	0 10	19 36	0 14	4 4	1 11	1 48	16 24	0 28	0 2	20 35	10 42	7 24
T 23	20 10	16 57	3 1	22 1	1 32	19 13	3 21	23 15	0 53	14 38	1 11	21 53	0 10	19 37	0 14	4 5	1 11	1 48	16 24	0 31	0 1	20 38	10 42	7 24
F 24	19 57	11 21	2 0	21 39	1 36	19 22	3 19	23 10	0 54	14 40	1 11	21 52	0 10	19 37	0 14	4 5	1 11	1 48	16 25	0 33	0s 0	20 40	10 43	7 24
S 25	19 45	5 26	0 54	21 14	1 40	19 30	3 17	23 5	0 54	14 42	1 11	21 51	0 10	19 38	0 14	4 5	1 11	1 48	16 25	0 34	0 1	20 43	10 44	7 24
S 26	19 32	0s33	0s12	20 47	1 43	19 39	3 14	23 0	0 54	14 44	1 11	21 50	0 9	19 38	0 14	4 6	1 11	1 49	16 25	0 34	0 3	20 45	10 45	7 24
M27	19 18	6 22	1 17	20 18	1 45	19 46	3 11	22 55	0 55	14 46	1 11	21 49	0 9	19 38	0 14	4 6	1 11	1 49	16 25	0 34	0 4	20 48	10 46	7 24
T 28	19 5	11 52	2 18	19 48	1 46	19 54	3 9	22 50	0 55	14 48	1 12	21 48	0 9	19 39	0 14	4 7	1 12	1 49	16 26	0 33	0 5	20 50	10 46	7 24
W29	18 51	16 53	3 11	19 15	1 47	20 1	3 6	22 44	0 56	14 50	1 12	21 47	0 9	19 39	0 14	4 7	1 12	1 49	16 26	0 33	0 6	20 53	10 47	7 24
T 30	18 37	21 14	3 57	18 41	1 47	20 8	3 3	22 38	0 56	14 52	1 12	21 46	0 9	19 40	0 14	4 7	1 12	1 50	16 26	0 33	0 8	20 55	10 48	7 24
F 31	18n22	24s46	4s32	18n 6	1n46	20n15	3s 0	22n32	0n56	14n54	1s12	21n45	0s 9	19n40	0s14	4s 8	1s12	1s50	16s27	0s35	0s 9	20s58	10s49	7n24

Julian Day Number = 2399496.5, Delta T = 9.68 sec
Ecliptic obliquity = 23°27'37, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°45'01, Lahiri = 21°52'02

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ASTRODIENST EPHEMERIS for the year 1857
geocentric

AUGUST 1857 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 38 12	8♌37'59	12♐46	16♌45	23♊28	22♋58	14♉ 4	20♋39	28♉44	22°R21	6♉37	28°R28	29♓34	18♏17	9°R11	S 1
S 2	20 42 9	9°35'25	24°58	18°42	24°29	23°37	14°11	20°47	28°46	22♓19	6°37	28♓22	29°31	18°24	9♒ 8	S 2
M 3	20 46 5	10°32'51	7♑23	20°37	25°31	24°16	14°17	20°54	28°47	22°18	6°37	28°14	29°28	18°31	9° 4	M 3
T 4	20 50 2	11°30'18	20° 5	22°30	26°34	24°55	14°23	21° 2	28°49	22°17	6°37	28° 6	29°25	18°37	9° 1	T 4
W 5	20 53 58	12°27'46	3♒ 2	24°22	27°36	25°34	14°28	21° 9	28°50	22°16	6°37	27°58	29°22	18°44	8°58	W 5
T 6	20 57 55	13°25'14	16°16	26°12	28°39	26°13	14°34	21°16	28°52	22°15	6°R37	27°52	29°18	18°51	8°54	T 6
F 7	21 1 51	14°22'44	29°44	28° 0	29°42	26°52	14°40	21°24	28°53	22°14	6°37	27°47	29°15	18°57	8°51	F 7
S 8	21 5 48	15°20'15	13♓24	29°47	0♋46	27°31	14°45	21°31	28°55	22°12	6°37	27°44	29°12	19° 4	8°48	S 8
S 9	21 9 44	16°17'47	27°15	1♍33	1°50	28°10	14°50	21°39	28°56	22°11	6°37	27°D43	29° 9	19°11	8°45	S 9
M10	21 13 41	17°15'21	11♈13	3°17	2°53	28°48	14°55	21°46	28°57	22°10	6°37	27°44	29° 6	19°17	8°41	M10
T 11	21 17 38	18°12'56	25°17	4°59	3°58	29°27	15° 0	21°53	28°58	22° 9	6°37	27°45	29° 3	19°24	8°38	T 11
W12	21 21 34	19°10'32	9♉26	6°40	5° 2	0♌ 6	15° 4	22° 0	29° 0	22° 7	6°37	27°46	28°59	19°31	8°35	W12
T 13	21 25 31	20° 8'10	23°37	8°20	6° 7	0°45	15° 9	22° 8	29° 1	22° 6	6°37	27°R46	28°56	19°37	8°32	T 13
F 14	21 29 27	21° 5'50	7♊49	9°58	7°11	1°23	15°13	22°15	29° 2	22° 5	6°37	27°45	28°53	19°44	8°28	F 14
S 15	21 33 24	22° 3'31	21°59	11°34	8°17	2° 2	15°17	22°22	29° 3	22° 3	6°37	27°43	28°50	19°51	8°25	S 15
S 16	21 37 20	23° 1'14	6♋ 5	13° 9	9°22	2°40	15°21	22°29	29° 4	22° 2	6°36	27°38	28°47	19°57	8°22	S 16
M17	21 41 17	23°58'59	20° 4	14°43	10°27	3°19	15°25	22°36	29° 5	22° 0	6°36	27°34	28°43	20° 4	8°19	M17
T 18	21 45 13	24°56'45	3♌52	16°15	11°33	3°58	15°28	22°43	29° 6	21°59	6°36	27°28	28°40	20°11	8°16	T 18
W19	21 49 10	25°54'32	17°26	17°46	12°39	4°36	15°32	22°50	29° 7	21°58	6°36	27°24	28°37	20°18	8°13	W19
T 20	21 53 7	26°52'21	0♍43	19°15	13°45	5°15	15°35	22°57	29° 7	21°56	6°35	27°20	28°34	20°24	8°10	T 20
F 21	21 57 3	27°50'11	13°43	20°43	14°51	5°53	15°38	23° 4	29° 8	21°55	6°35	27°18	28°31	20°31	8° 7	F 21
S 22	22 1 0	28°48'03	26°25	22° 9	15°58	6°32	15°41	23°11	29° 9	21°53	6°35	27°D17	28°28	20°38	8° 4	S 22
S 23	22 4 56	29°45'56	8♎50	23°33	17° 4	7°10	15°43	23°18	29°10	21°52	6°35	27°18	28°24	20°44	8° 1	S 23
M24	22 8 53	0♍43'50	21° 1	24°57	18°11	7°48	15°46	23°25	29°10	21°50	6°34	27°19	28°21	20°51	7°58	M24
T 25	22 12 49	1°41'45	3♏ 2	26°18	19°18	8°27	15°48	23°31	29°11	21°49	6°34	27°21	28°18	20°58	7°55	T 25
W26	22 16 46	2°39'42	14°55	27°38	20°25	9° 5	15°50	23°38	29°11	21°47	6°33	27°22	28°15	21° 4	7°52	W26
T 27	22 20 42	3°37'41	26°46	28°56	21°33	9°43	15°52	23°45	29°12	21°46	6°33	27°23	28°12	21°11	7°49	T 27
F 28	22 24 39	4°35'40	8♐40	0♎13	22°40	10°22	15°53	23°51	29°12	21°44	6°33	27°R23	28° 9	21°18	7°46	F 28
S 29	22 28 36	5°33'41	20°41	1°28	23°48	11° 0	15°55	23°58	29°12	21°42	6°32	27°23	28° 5	21°25	7°43	S 29
S 30	22 32 32	6°31'44	2♑54	2°41	24°56	11°38	15°56	24° 4	29°13	21°41	6°32	27°21	28° 2	21°31	7°41	S 30
M31	22 36 29	7♍29'48	15♑23	3♎52	26♋ 4	12♌16	15♉57	24♋10	29♉13	21♓39	6♉31	27♓18	27♓59	21♏38	7♒38	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 7	27s14	4s56	17n29	1n45	20n21	2s57	22n26	0n57	14n55	1s12	21n43	0s 9	19n40	0s14	4s 8	1s12	1s50	16s27	0s36	0s10	21s 0	10s50	7n24
S 2	17 52	28 28	5 7	16 52	1 43	20 27	2 54	22 20	0 57	14 57	1 13	21 42	0 9	19 41	0 14	4 9	1 12	1 50	16 27	0 39	0 11	21 3	10 51	7 24
M 3	17 37	28 18	5 3	16 13	1 40	20 32	2 51	22 14	0 58	14 59	1 13	21 41	0 9	19 41	0 14	4 9	1 12	1 51	16 28	0 42	0 13	21 5	10 51	7 24
T 4	17 21	26 39	4 45	15 34	1 37	20 37	2 48	22 7	0 58	15 0	1 13	21 40	0 9	19 41	0 14	4 10	1 12	1 51	16 28	0 45	0 14	21 8	10 52	7 24
W 5	17 5	23 35	4 12	14 53	1 34	20 42	2 44	22 0	0 58	15 2	1 13	21 39	0 9	19 42	0 14	4 10	1 12	1 51	16 28	0 48	0 15	21 10	10 53	7 24
T 6	16 48	19 14	3 25	14 12	1 30	20 46	2 41	21 53	0 59	15 3	1 13	21 38	0 9	19 42	0 14	4 11	1 12	1 52	16 29	0 51	0 17	21 12	10 54	7 24
F 7	16 32	13 51	2 26	13 31	1 25	20 50	2 37	21 46	0 59	15 5	1 13	21 37	0 8	19 42	0 14	4 11	1 12	1 52	16 29	0 53	0 18	21 15	10 55	7 24
S 8	16 15	7 43	1 17	12 49	1 21	20 54	2 34	21 39	1 0	15 6	1 14	21 36	0 8	19 43	0 14	4 12	1 12	1 52	16 29	0 54	0 19	21 17	10 56	7 24
S 9	15 58	1 8	0 3	12 6	1 15	20 57	2 30	21 32	1 0	15 8	1 14	21 35	0 8	19 43	0 14	4 12	1 12	1 53	16 30	0 55	0 20	21 20	10 57	7 23
M10	15 41	5n33	1n13	11 24	1 10	20 59	2 27	21 24	1 0	15 9	1 14	21 34	0 8	19 43	0 14	4 13	1 12	1 53	16 30	0 54	0 22	21 22	10 58	7 23
T 11	15 23	12 1	2 24	10 41	1 4	21 1	2 23	21 16	1 1	15 10	1 14	21 33	0 8	19 44	0 14	4 13	1 12	1 53	16 30	0 54	0 23	21 24	10 59	7 23
W12	15 5	17 55	3 27	9 58	0 57	21 3	2 19	21 9	1 1	15 11	1 14	21 32	0 8	19 44	0 14	4 14	1 12	1 54	16 31	0 53	0 24	21 27	11 0	7 23
T 13	14 47	22 51	4 18	9 14	0 51	21 4	2 16	21 1	1 1	15 12	1 15	21 31	0 8	19 44	0 14	4 14	1 12	1 54	16 31	0 53	0 25	21 29	11 1	7 23
F 14	14 29	26 26	4 53	8 31	0 44	21 4	2 12	20 52	1 2	15 13	1 15	21 30	0 8	19 44	0 14	4 15	1 12	1 54	16 31	0 54	0 27	21 32	11 2	7 23
S 15	14 10	28 22	5 10	7 48	0 37	21 4	2 8	20 44	1 2	15 14	1 15	21 28	0 8	19 44	0 14	4 16	1 12	1 55	16 32	0 55	0 28	21 34	11 3	7 23
S 16	13 51	28 27	5 8	7 5	0 29	21 4	2 4	20 36	1 3	15 15	1 15	21 27	0 8	19 45	0 14	4 16	1 12	1 55	16 32	0 56	0 29	21 36	11 3	7 23
M17	13 32	26 42	4 48	6 22	0 22	21 3	2 0	20 27	1 3	15 16	1 15	21 26	0 8	19 45	0 14	4 17	1 12	1 55	16 32	0 58	0 30	21 39	11 4	7 22
T 18	13 13	23 22	4 11	5 39	0 14	21 1	1 57	20 18	1 3	15 17	1 15	21 25	0 8	19 45	0 14	4 17	1 12	1 56	16 32	1 0	0 32	21 41	11 5	7 22
W19	12 54	18 48	3 21	4 56	0 6	20 59	1 53	20 10	1 4	15 18	1 16	21 24	0 7	19 45	0 14	4 18	1 12	1 56	16 33	1 2	0 33	21 44	11 6	7 22
T 20	12 34	13 25	2 20	4 13	0s 2	20 57	1 49	20 1	1 4	15 19	1 16	21 23	0 7	19 45	0 14	4 18	1 12	1 56	16 33	1 4	0 34	21 46	11 7	7 22
F 21	12 14	7 32	1 14	3 31	0 11	20 54	1 45	19 51	1 4	15 19	1 16	21 22	0 7	19 46	0 14	4 19	1 12	1 57	16 33	1 4	0 36	21 48	11 8	7 22
S 22	11 54	1 30	0 5	2 50	0 19	20 50	1 41	19 42	1 5	15 20	1 16	21 21	0 7	19 46	0 14	4 20	1 12	1 57	16 34	1 5	0 37	21 51	11 9	7 21
S 23	11 34	4s28	1s 3	2 8	0 28	20 46	1 37	19 33	1 5	15 21	1 16	21 20	0 7	19 46	0 14	4 20	1 12	1 58	16 34	1 5	0 38	21 53	11 10	7 21
M24	11 13	10 10	2 7	1 27	0 37	20 42	1 33	19 23	1 5	15 21	1 17	21 19	0 7	19 46	0 14	4 21	1 12	1 58	16 34	1 4	0 39	21 55	11 11	7 21
T 25	10 53	15 25	3 4	0 47	0 45	20 36	1 29	19 14	1 6	15 21	1 17	21 18	0 7	19 46	0 14	4 22	1 12	1 58	16 35	1 3	0 41	21 58	11 12	7 21
W26	10 32	20 2	3 53	0 7	0 54	20 31	1 25	19 4	1 6	15 22	1 17	21 17	0 7	19 46	0 14	4 22	1 12	1 59	16 35	1 3	0 42	22 0	11 13	7 20
T 27	10 11	23 51	4 31	0s33	1 3	20 24	1 21	18 54	1 6	15 22	1 17	21 16	0 7	19 46	0 14	4 23	1 12	1 59	16 35	1 2	0 43	22 2	11 14	7 20
F 28	9 50	26 41	4 58	1 11	1 12	20 18	1 17	18 44	1 7	15 23	1 17	21 15	0 7	19 46	0 14	4 23	1 12	2 0	16 35	1 2	0 44	22 4	11 15	7 20
S 29	9 29	28 20	5 13	1 50	1 21	20 10	1 13	18 34	1 7	15 23	1 18	21 13	0 7	19 46	0 14	4 24	1 12	2 0	16 36	1 3	0 46	22 7	11 16	7 20
S 30	9 7	28 39	5 13	2 27	1 30	20 2	1 9	18 23	1 7	15 23	1 18	21 12	0 7	19 47	0 14	4 25	1 12	2 0	16 36	1 3	0 47	22 9	11 17	7 19
M31	8n46	27s32	4s59	3s 4	1s40	19n54	1s 5	18n13	1n 8	15n23	1s18	21n11	0s 7	19n47	0s14	4s25	1s13	2s 1	16s36	1s 4	0s48	22s11	11s18	7n19

Julian Day Number = 2399527.5, Delta T = 9.65 sec
Ecliptic obliquity = 23°27'37, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°45'06, Lahiri = 21°52'06

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1857
geocentric

SEPTEMBER 1857 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 40 25	8♍27'53	28♋11	5♎ 1	27♋12	12♌54	15♉58	24♋17	29♉13	21°R38	6°R31	27°R16	27♓56	21♏45	7°R35	T 1
W 2	22 44 22	9°26'00	11♒19	6° 8	28°20	13°32	15°59	24°23	29°13	21♓36	6♉30	27♓13	27°53	21°51	7♒33	W 2
T 3	22 48 18	10°24'08	24°47	7°13	29°29	14°10	15°59	24°29	29°13	21°35	6°30	27°11	27°49	21°58	7°30	T 3
F 4	22 52 15	11°22'18	8♓36	8°15	0♌37	14°48	15°59	24°36	29°R13	21°33	6°29	27° 9	27°46	22° 5	7°28	F 4
S 5	22 56 11	12°20'29	22°40	9°15	1°46	15°26	15°R59	24°42	29°13	21°31	6°28	27°D 9	27°43	22°11	7°25	S 5
S 6	23 0 8	13°18'43	6♈58	10°13	2°55	16° 4	15°59	24°48	29°13	21°30	6°28	27° 9	27°40	22°18	7°23	S 6
M 7	23 4 5	14°16'58	21°23	11° 7	4° 4	16°42	15°59	24°54	29°13	21°28	6°27	27° 9	27°37	22°25	7°20	M 7
T 8	23 8 1	15°15'15	5♉51	11°59	5°13	17°20	15°58	25° 0	29°13	21°26	6°27	27°10	27°34	22°31	7°18	T 8
W 9	23 11 58	16°13'35	20°17	12°47	6°22	17°58	15°58	25° 6	29°13	21°25	6°26	27°11	27°30	22°38	7°16	W 9
T 10	23 15 54	17°11'56	4♊37	13°33	7°32	18°36	15°57	25°11	29°12	21°23	6°25	27°12	27°27	22°45	7°13	T 10
F 11	23 19 51	18°10'20	18°48	14°14	8°41	19°14	15°55	25°17	29°12	21°21	6°25	27°R12	27°24	22°52	7°11	F 11
S 12	23 23 47	19° 8'46	2♋49	14°52	9°51	19°52	15°54	25°23	29°12	21°20	6°24	27°12	27°21	22°58	7° 9	S 12
S 13	23 27 44	20° 7'14	16°38	15°25	11° 1	20°30	15°53	25°28	29°11	21°18	6°23	27°11	27°18	23° 5	7° 7	S 13
M14	23 31 40	21° 5'45	0♌14	15°54	12°11	21° 7	15°51	25°34	29°11	21°16	6°22	27°11	27°15	23°12	7° 5	M14
T 15	23 35 37	22° 4'17	13°36	16°18	13°21	21°45	15°49	25°39	29°10	21°15	6°22	27°10	27°11	23°18	7° 3	T 15
W16	23 39 34	23° 2'51	26°44	16°37	14°31	22°23	15°47	25°45	29°10	21°13	6°21	27° 9	27° 8	23°25	7° 1	W16
T 17	23 43 30	24° 1'28	9♍38	16°51	15°41	23° 1	15°44	25°50	29° 9	21°11	6°20	27° 9	27° 5	23°32	6°59	T 17
F 18	23 47 27	25° 0'06	22°19	16°58	16°52	23°38	15°42	25°55	29° 9	21°10	6°19	27°D 9	27° 2	23°38	6°57	F 18
S 19	23 51 23	25°58'47	4♎47	17°R 0	18° 2	24°16	15°39	26° 1	29° 8	21° 8	6°19	27° 9	26°59	23°45	6°55	S 19
S 20	23 55 20	26°57'29	17° 3	16°54	19°13	24°54	15°36	26° 6	29° 7	21° 7	6°18	27°R 9	26°55	23°52	6°54	S 20
M21	23 59 16	27°56'13	29° 8	16°42	20°24	25°31	15°33	26°11	29° 6	21° 5	6°17	27° 9	26°52	23°59	6°52	M21
T 22	0 3 13	28°54'59	11♏ 6	16°23	21°35	26° 9	15°30	26°16	29° 5	21° 3	6°16	27° 9	26°49	24° 5	6°51	T 22
W23	0 7 9	29°53'47	22°58	15°56	22°46	26°46	15°26	26°20	29° 5	21° 2	6°15	27° 9	26°46	24°12	6°49	W23
T 24	0 11 6	0♎52'37	4♐48	15°22	23°57	27°24	15°22	26°25	29° 4	21° 0	6°14	27° 8	26°43	24°19	6°48	T 24
F 25	0 15 2	1°51'28	16°41	14°41	25° 8	28° 1	15°18	26°30	29° 3	20°58	6°13	27° 8	26°40	24°25	6°46	F 25
S 26	0 18 59	2°50'22	28°40	13°53	26°19	28°39	15°14	26°34	29° 2	20°57	6°12	27°D 8	26°36	24°32	6°45	S 26
S 27	0 22 56	3°49'17	10♑51	12°59	27°31	29°16	15°10	26°39	29° 0	20°55	6°12	27° 8	26°33	24°39	6°44	S 27
M28	0 26 52	4°48'13	23°17	11°59	28°42	29°53	15° 6	26°43	28°59	20°54	6°11	27° 8	26°30	24°45	6°42	M28
T 29	0 30 49	5°47'12	6♒ 3	10°54	29°54	0♍31	15° 1	26°48	28°58	20°52	6°10	27° 9	26°27	24°52	6°41	T 29
W30	0 34 45	6♎46'12	19♒12	9♎47	1♍ 6	1♍ 8	14♉56	26♋52	28♉57	20♓50	6♉ 9	27♓10	26♓24	24♏59	6♒40	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n24	24s57	4s30	3s39	1s49	19n45	1s 1	18n 3	1n 8	15n23	1s18	21n10	0s 6	19n47	0s14	4s26	1s13	2s 1	16s37	1s 5	0s49	22s14	11s19	7n19
W 2	8 2	21 2	3 47	4 14	1 58	19 35	0 57	17 52	1 8	15 23	1 18	21 9	0 6	19 47	0 14	4 27	1 13	2 2	16 37	1 6	0 51	22 16	11 20	7 18
T 3	7 40	15 56	2 49	4 48	2 7	19 25	0 53	17 41	1 9	15 23	1 18	21 8	0 6	19 47	0 14	4 27	1 13	2 2	16 37	1 7	0 52	22 18	11 21	7 18
F 4	7 18	9 55	1 41	5 21	2 15	19 15	0 49	17 31	1 9	15 23	1 19	21 7	0 6	19 47	0 14	4 28	1 13	2 2	16 37	1 8	0 53	22 20	11 22	7 18
S 5	6 56	3 17	0 25	5 53	2 24	19 4	0 45	17 20	1 9	15 23	1 19	21 6	0 6	19 47	0 14	4 29	1 13	2 3	16 38	1 8	0 54	22 23	11 23	7 17
S 6	6 34	3n36	0n54	6 23	2 33	18 52	0 41	17 9	1 10	15 23	1 19	21 5	0 6	19 47	0 14	4 29	1 13	2 3	16 38	1 8	0 56	22 25	11 23	7 17
M 7	6 11	10 21	2 10	6 53	2 41	18 40	0 37	16 57	1 10	15 22	1 19	21 4	0 6	19 47	0 14	4 30	1 13	2 4	16 38	1 8	0 57	22 27	11 24	7 17
T 8	5 49	16 36	3 18	7 20	2 50	18 27	0 33	16 46	1 10	15 22	1 19	21 3	0 6	19 47	0 14	4 31	1 13	2 4	16 38	1 8	0 58	22 29	11 25	7 16
W 9	5 26	21 54	4 13	7 47	2 58	18 14	0 29	16 35	1 11	15 22	1 20	21 2	0 6	19 47	0 14	4 31	1 13	2 5	16 39	1 7	1 0	22 32	11 26	7 16
T 10	5 4	25 52	4 53	8 12	3 5	18 0	0 25	16 23	1 11	15 21	1 20	21 1	0 6	19 46	0 14	4 32	1 13	2 5	16 39	1 7	1 1	22 34	11 27	7 16
F 11	4 41	28 11	5 13	8 35	3 13	17 46	0 21	16 12	1 11	15 21	1 20	21 0	0 6	19 46	0 14	4 33	1 13	2 5	16 39	1 7	1 2	22 36	11 28	7 15
S 12	4 18	28 41	5 15	8 56	3 20	17 31	0 17	16 0	1 12	15 20	1 20	20 59	0 6	19 46	0 14	4 33	1 13	2 6	16 39	1 7	1 3	22 38	11 29	7 15
S 13	3 55	27 22	4 59	9 15	3 26	17 16	0 14	15 49	1 12	15 20	1 20	20 59	0 5	19 46	0 14	4 34	1 13	2 6	16 40	1 7	1 5	22 41	11 30	7 14
M14	3 32	24 27	4 26	9 32	3 33	17 0	0 10	15 37	1 12	15 19	1 20	20 58	0 5	19 46	0 14	4 35	1 13	2 7	16 40	1 7	1 6	22 43	11 31	7 14
T 15	3 9	20 15	3 39	9 46	3 38	16 44	0 6	15 25	1 13	15 18	1 21	20 57	0 5	19 46	0 14	4 35	1 13	2 7	16 40	1 8	1 7	22 45	11 32	7 14
W16	2 46	15 8	2 41	9 58	3 43	16 27	0 3	15 13	1 13	15 17	1 21	20 56	0 5	19 46	0 14	4 36	1 13	2 8	16 40	1 8	1 8	22 47	11 32	7 13
T 17	2 23	9 26	1 36	10 7	3 47	16 10	0n 1	15 1	1 13	15 17	1 21	20 55	0 5	19 46	0 14	4 37	1 13	2 8	16 41	1 8	1 10	22 49	11 33	7 13
F 18	1 59	3 28	0 27	10 13	3 51	15 52	0 5	14 49	1 14	15 16	1 21	20 54	0 5	19 46	0 14	4 37	1 13	2 9	16 41	1 8	1 11	22 52	11 34	7 12
S 19	1 36	2s33	0s42	10 16	3 53	15 34	0 8	14 36	1 14	15 15	1 21	20 53	0 5	19 45	0 14	4 38	1 13	2 9	16 41	1 8	1 12	22 54	11 35	7 12
S 20	1 13	8 22	1 48	10 15	3 54	15 15	0 12	14 24	1 14	15 14	1 21	20 52	0 5	19 45	0 14	4 39	1 13	2 10	16 41	1 8	1 13	22 56	11 36	7 12
M21	0 49	13 48	2 48	10 10	3 54	14 56	0 15	14 12	1 14	15 13	1 21	20 51	0 5	19 45	0 14	4 39	1 13	2 10	16 41	1 8	1 15	22 58	11 37	7 11
T 22	0 26	18 39	3 40	10 2	3 53	14 37	0 18	13 59	1 15	15 12	1 22	20 51	0 5	19 45	0 14	4 40	1 13	2 10	16 42	1 8	1 16	23 0	11 37	7 11
W23	0 2	22 45	4 22	9 49	3 50	14 17	0 22	13 47	1 15	15 10	1 22	20 50	0 5	19 45	0 14	4 40	1 13	2 11	16 42	1 8	1 17	23 2	11 38	7 10
T 24	0s21	25 55	4 53	9 32	3 46	13 57	0 25	13 34	1 15	15 9	1 22	20 49	0 4	19 45	0 14	4 41	1 13	2 11	16 42	1 8	1 19	23 5	11 39	7 10
F 25	0 44	27 58	5 12	9 10	3 40	13 36	0 28	13 21	1 16	15 8	1 22	20 48	0 4	19 44	0 14	4 42	1 13	2 12	16 42	1 9	1 20	23 7	11 40	7 9
S 26	1 8	28 44	5 17	8 44	3 32	13 15	0 31	13 9	1 16	15 7	1 22	20 47	0 4	19 44	0 14	4 42	1 13	2 12	16 42	1 9	1 21	23 9	11 41	7 9
S 27	1 31	28 8	5 8	8 14	3 22	12 53	0 34	12 56	1 16	15 5	1 22	20 46	0 4	19 44	0 14	4 43	1 13	2 13	16 43	1 9	1 22	23 11	11 41	7 8
M28	1 55	26 7	4 45	7 39	3 10	12 31	0 37	12 43	1 16	15 4	1 22	20 46	0 4	19 44	0 14	4 44	1 13	2 13	16 43	1 8	1 24	23 13	11 42	7 8
T 29	2 18	22 45	4 7	7 2	2 57	12 9	0 40	12 30	1 17	15 2	1 23	20 45	0 4	19 43	0 14	4 44	1 13	2 14	16 43	1 8	1 25	23 15	11 43	7 8
W30	2s41	18s10	3s15	6s21	2s41	11n46	0n43	12n17	1n17	15n 1	1s23	20n44	0s 4	19n43	0s14	4s45	1s13	2s14	16s43	1s 8	1s26	23s17	11s43	7n 7

Julian Day Number = 2399558.5, Delta T = 9.62 sec
Ecliptic obliquity = 23°27'38, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°45'10, Lahiri = 21°52'10

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OCTOBER 1857 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 38 42	7♎45'14	2♓46	8°R38	2♍17	1♍45	14°R51	26♋56	28°R56	20°R49	6°R 8	27♓10	26♓20	25♏ 6	6°R39	T 1
F 2	0 42 38	8°44'18	16°45	7♎29	3°29	2°23	14♉46	27° 0	28♉54	20♓47	6♉ 7	27°11	26°17	25°12	6♒38	F 2
S 3	0 46 35	9°43'24	1♈ 7	6°23	4°41	3° 0	14°41	27° 4	28°53	20°46	6° 6	27°R11	26°14	25°19	6°37	S 3
S 4	0 50 31	10°42'32	15°47	5°20	5°53	3°37	14°35	27° 8	28°52	20°44	6° 5	27°11	26°11	25°26	6°36	S 4
M 5	0 54 28	11°41'42	0♉38	4°24	7° 6	4°14	14°30	27°12	28°50	20°43	6° 4	27° 9	26° 8	25°32	6°36	M 5
T 6	0 58 25	12°40'54	15°34	3°34	8°18	4°51	14°24	27°16	28°49	20°41	6° 3	27° 8	26° 5	25°39	6°35	T 6
W 7	1 2 21	13°40'08	0♊24	2°53	9°30	5°28	14°18	27°19	28°47	20°40	6° 2	27° 6	26° 1	25°46	6°34	W 7
T 8	1 6 18	14°39'25	15° 3	2°22	10°43	6° 5	14°12	27°23	28°46	20°38	6° 1	27° 4	25°58	25°53	6°34	T 8
F 9	1 10 14	15°38'44	29°26	2° 1	11°55	6°43	14° 6	27°26	28°44	20°37	6° 0	27° 2	25°55	25°59	6°33	F 9
S 10	1 14 11	16°38'06	13♋29	1°D52	13° 8	7°20	13°59	27°30	28°42	20°35	5°59	27°D 1	25°52	26° 6	6°33	S 10
S 11	1 18 7	17°37'29	27°11	1°53	14°20	7°57	13°53	27°33	28°41	20°34	5°58	27° 2	25°49	26°13	6°33	S 11
M12	1 22 4	18°36'56	10♌33	2° 5	15°33	8°34	13°46	27°36	28°39	20°32	5°57	27° 3	25°46	26°19	6°32	M12
T 13	1 26 0	19°36'24	23°37	2°27	16°46	9°10	13°40	27°39	28°37	20°31	5°55	27° 4	25°42	26°26	6°32	T 13
W14	1 29 57	20°35'55	6♍25	2°59	17°59	9°47	13°33	27°42	28°35	20°30	5°54	27° 6	25°39	26°33	6°32	W14
T 15	1 33 54	21°35'27	18°59	3°40	19°12	10°24	13°26	27°45	28°34	20°28	5°53	27° 7	25°36	26°39	6°D32	T 15
F 16	1 37 50	22°35'02	1♎21	4°30	20°25	11° 1	13°19	27°48	28°32	20°27	5°52	27°R 7	25°33	26°46	6°32	F 16
S 17	1 41 47	23°34'39	13°34	5°27	21°38	11°38	13°11	27°50	28°30	20°25	5°51	27° 6	25°30	26°53	6°32	S 17
S 18	1 45 43	24°34'18	25°39	6°31	22°51	12°15	13° 4	27°53	28°28	20°24	5°50	27° 3	25°26	27° 0	6°32	S 18
M19	1 49 40	25°34'00	7♏38	7°41	24° 5	12°51	12°57	27°55	28°26	20°23	5°49	26°59	25°23	27° 6	6°32	M19
T 20	1 53 36	26°33'43	19°31	8°56	25°18	13°28	12°49	27°58	28°24	20°22	5°48	26°54	25°20	27°13	6°33	T 20
W21	1 57 33	27°33'28	1♐22	10°15	26°31	14° 5	12°42	28° 0	28°22	20°20	5°47	26°49	25°17	27°20	6°33	W21
T 22	2 1 29	28°33'15	13°13	11°39	27°45	14°42	12°34	28° 2	28°20	20°19	5°46	26°43	25°14	27°26	6°34	T 22
F 23	2 5 26	29°33'04	25° 5	13° 5	28°58	15°18	12°26	28° 4	28°18	20°18	5°44	26°38	25°11	27°33	6°34	F 23
S 24	2 9 23	0♏32'54	7♑ 3	14°35	0♎12	15°55	12°18	28° 6	28°16	20°17	5°43	26°34	25° 7	27°40	6°35	S 24
S 25	2 13 19	1°32'47	19°11	16° 6	1°26	16°31	12°10	28° 8	28°13	20°16	5°42	26°32	25° 4	27°47	6°35	S 25
M26	2 17 16	2°32'41	1♒32	17°39	2°39	17° 8	12° 2	28°10	28°11	20°14	5°41	26°D31	25° 1	27°53	6°36	M26
T 27	2 21 12	3°32'36	14°12	19°14	3°53	17°44	11°55	28°11	28° 9	20°13	5°40	26°31	24°58	28° 0	6°37	T 27
W28	2 25 9	4°32'33	27°14	20°50	5° 7	18°21	11°46	28°13	28° 7	20°12	5°39	26°33	24°55	28° 7	6°38	W28
T 29	2 29 5	5°32'32	10♓43	22°27	6°21	18°57	11°38	28°14	28° 5	20°11	5°38	26°34	24°52	28°13	6°38	T 29
F 30	2 33 2	6°32'32	24°39	24° 4	7°35	19°33	11°30	28°15	28° 2	20°10	5°37	26°R35	24°48	28°20	6°39	F 30
S 31	2 36 58	7♏32'34	9♈ 3	25♎42	8♎49	20♍10	11♉22	28♋16	28♉ 0	20♓ 9	5♉35	26♓34	24♓45	28♏27	6♒40	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s 5	12s32	2s11	5s38	2s24	11n23	0n46	12n 4	1n17	14n59	1s23	20n44	0s 4	19n43	0s14	4s46	1s13	2s14	16s43	1s 8	1s27	23s19	11s44	7n 7
F 2	3 28	6 7	0 57	4 54	2 6	11 0	0 49	11 51	1 18	14 58	1 23	20 43	0 4	19 43	0 14	4 46	1 13	2 15	16 43	1 7	1 29	23 22	11 45	7 6
S 3	3 51	0n47	0n22	4 10	1 46	10 36	0 52	11 37	1 18	14 56	1 23	20 42	0 4	19 42	0 14	4 47	1 13	2 15	16 43	1 7	1 30	23 24	11 46	7 6
S 4	4 15	7 46	1 41	3 27	1 26	10 12	0 55	11 24	1 18	14 54	1 23	20 41	0 4	19 42	0 14	4 47	1 13	2 16	16 44	1 7	1 31	23 26	11 46	7 5
M 5	4 38	14 26	2 55	2 45	1 6	9 48	0 57	11 11	1 18	14 53	1 23	20 41	0 4	19 42	0 14	4 48	1 13	2 16	16 44	1 8	1 32	23 28	11 47	7 5
T 6	5 1	20 17	3 56	2 7	0 45	9 23	1 0	10 58	1 19	14 51	1 23	20 40	0 3	19 41	0 14	4 49	1 13	2 17	16 44	1 9	1 34	23 30	11 47	7 4
W 7	5 24	24 51	4 42	1 32	0 25	8 58	1 2	10 44	1 19	14 49	1 23	20 40	0 3	19 41	0 14	4 49	1 13	2 17	16 44	1 9	1 35	23 32	11 48	7 4
T 8	5 47	27 44	5 9	1 2	0 6	8 33	1 5	10 31	1 19	14 47	1 23	20 39	0 3	19 41	0 14	4 50	1 13	2 17	16 44	1 10	1 36	23 34	11 49	7 3
F 9	6 10	28 43	5 15	0 37	0n13	8 8	1 7	10 17	1 19	14 45	1 24	20 38	0 3	19 40	0 14	4 50	1 13	2 18	16 44	1 11	1 37	23 36	11 49	7 3
S 10	6 33	27 48	5 3	0 17	0 30	7 42	1 9	10 4	1 20	14 43	1 24	20 38	0 3	19 40	0 14	4 51	1 13	2 18	16 44	1 11	1 39	23 38	11 50	7 2
S 11	6 55	25 12	4 33	0 3	0 46	7 16	1 11	9 50	1 20	14 41	1 24	20 37	0 3	19 40	0 14	4 51	1 13	2 19	16 44	1 11	1 40	23 40	11 50	7 2
M12	7 18	21 17	3 49	0n 6	1 0	6 50	1 13	9 36	1 20	14 39	1 24	20 37	0 3	19 39	0 14	4 52	1 13	2 19	16 44	1 11	1 41	23 42	11 51	7 1
T 13	7 41	16 24	2 54	0 9	1 13	6 23	1 15	9 23	1 20	14 37	1 24	20 36	0 3	19 39	0 14	4 52	1 13	2 20	16 45	1 10	1 42	23 44	11 52	7 1
W14	8 3	10 54	1 51	0 6	1 24	5 57	1 17	9 9	1 21	14 35	1 24	20 36	0 3	19 38	0 14	4 53	1 13	2 20	16 45	1 9	1 44	23 46	11 52	7 0
T 15	8 25	5 3	0 45	0s 1	1 34	5 30	1 19	8 55	1 21	14 33	1 24	20 35	0 3	19 38	0 14	4 54	1 13	2 20	16 45	1 9	1 45	23 48	11 53	7 0
F 16	8 48	0s54	0s23	0 13	1 42	5 3	1 21	8 42	1 21	14 31	1 24	20 35	0 3	19 38	0 14	4 54	1 13	2 21	16 45	1 9	1 46	23 50	11 53	6 59
S 17	9 10	6 44	1 29	0 30	1 49	4 35	1 23	8 28	1 22	14 29	1 24	20 34	0 2	19 37	0 14	4 55	1 13	2 21	16 45	1 9	1 48	23 52	11 54	6 59
S 18	9 32	12 15	2 30	0 50	1 55	4 8	1 24	8 14	1 22	14 26	1 24	20 34	0 2	19 37	0 14	4 55	1 13	2 22	16 45	1 10	1 49	23 54	11 54	6 58
M19	9 54	17 17	3 24	1 14	1 59	3 40	1 26	8 0	1 22	14 24	1 24	20 34	0 2	19 36	0 14	4 56	1 13	2 22	16 45	1 12	1 50	23 56	11 54	6 58
T 20	10 15	21 36	4 8	1 41	2 2	3 13	1 28	7 46	1 22	14 22	1 24	20 33	0 2	19 36	0 14	4 56	1 13	2 22	16 45	1 14	1 51	23 58	11 55	6 57
W21	10 37	25 3	4 42	2 10	2 4	2 45	1 29	7 32	1 22	14 20	1 24	20 33	0 2	19 35	0 14	4 57	1 13	2 23	16 45	1 16	1 53	24 0	11 55	6 57
T 22	10 58	27 25	5 3	2 42	2 4	2 17	1 30	7 18	1 23	14 17	1 24	20 32	0 2	19 35	0 14	4 57	1 12	2 23	16 45	1 18	1 54	24 2	11 56	6 56
F 23	11 19	28 33	5 11	3 16	2 4	1 48	1 32	7 4	1 23	14 15	1 24	20 32	0 2	19 34	0 14	4 57	1 12	2 23	16 45	1 20	1 55	24 4	11 56	6 56
S 24	11 40	28 22	5 6	3 51	2 3	1 20	1 33	6 50	1 23	14 13	1 24	20 32	0 2	19 34	0 14	4 58	1 12	2 24	16 45	1 22	1 56	24 6	11 56	6 55
S 25	12 1	26 50	4 48	4 28	2 2	0 52	1 34	6 36	1 23	14 10	1 24	20 32	0 2	19 34	0 14	4 58	1 12	2 24	16 45	1 23	1 58	24 8	11 57	6 55
M26	12 22	23 59	4 15	5 6	1 59	0 24	1 35	6 22	1 24	14 8	1 24	20 31	0 2	19 33	0 14	4 59	1 12	2 25	16 45	1 23	1 59	24 10	11 57	6 54
T 27	12 42	19 56	3 30	5 44	1 56	0s 5	1 36	6 8	1 24	14 5	1 24	20 31	0 1	19 33	0 14	4 59	1 12	2 25	16 45	1 23	2 0	24 12	11 57	6 54
W28	13 3	14 50	2 33	6 24	1 53	0 33	1 37	5 54	1 24	14 3	1 24	20 31	0 1	19 32	0 14	5 0	1 12	2 25	16 45	1 23	2 1	24 14	11 58	6 53
T 29	13 23	8 52	1 25	7 4	1 49	1 2	1 37	5 40	1 24	14 1	1 24	20 31	0 1	19 32	0 14	5 0	1 12	2 26	16 45	1 22	2 3	24 16	11 58	6 53
F 30	13 43	2 17	0 10	7 44	1 44	1 30	1 38	5 26	1 25	13 58	1 24	20 31	0 1	19 31	0 14	5 0	1 12	2 26	16 45	1 22	2 4	24 18	11 58	6 52
S 31	14s 2	4n37	1n 7	8s24	1n40	1s59	1n39	5n12	1n25	13n56	1s24	20n30	0s 1	19n31	0s14	5s 1	1s12	2s26	16s45	1s22	2s 5	24s20	11s58	6n52

Julian Day Number = 2399588.5, Delta T = 9.59 sec
Ecliptic obliquity = 23°27'38, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°45'14, Lahiri = 21°52'14

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ASTRODIENST EPHEMERIS for the year 1857
geocentric

NOVEMBER 1857 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 40 55	8♏32'38	23♈52	27♎20	10♎ 3	20♍46	11°R14	28♋17	27°R58	20°R 8	5°R34	26°R32	24♓42	28♏33	6♒42	S 1
M 2	2 44 52	9°32'44	8♉59	28°59	11°17	21°22	11♉ 6	28°18	27♉55	20♓ 7	5♉33	26♓27	24°39	28°40	6°43	M 2
T 3	2 48 48	10°32'51	24°14	0♏37	12°31	21°58	10°58	28°19	27°53	20° 6	5°32	26°21	24°36	28°47	6°44	T 3
W 4	2 52 45	11°33'01	9♊27	2°16	13°45	22°35	10°50	28°20	27°51	20° 5	5°31	26°14	24°32	28°54	6°45	W 4
T 5	2 56 41	12°33'12	24°28	3°54	14°59	23°11	10°41	28°20	27°48	20° 5	5°30	26° 7	24°29	29° 0	6°47	T 5
F 6	3 0 38	13°33'25	9♋ 9	5°33	16°14	23°47	10°33	28°21	27°46	20° 4	5°29	26° 1	24°26	29° 7	6°48	F 6
S 7	3 4 34	14°33'41	23°23	7°11	17°28	24°23	10°25	28°21	27°43	20° 3	5°28	25°57	24°23	29°14	6°50	S 7
S 8	3 8 31	15°33'58	7♌10	8°48	18°42	24°59	10°17	28°21	27°41	20° 2	5°26	25°55	24°20	29°20	6°51	S 8
M 9	3 12 27	16°34'18	20°31	10°26	19°57	25°35	10° 9	28°22	27°39	20° 1	5°25	25°D55	24°17	29°27	6°53	M 9
T 10	3 16 24	17°34'39	3♍28	12° 4	21°11	26°11	10° 1	28°R22	27°36	20° 1	5°24	25°56	24°13	29°34	6°55	T 10
W11	3 20 21	18°35'02	16° 5	13°41	22°26	26°47	9°53	28°22	27°34	20° 0	5°23	25°57	24°10	29°41	6°56	W11
T 12	3 24 17	19°35'27	28°26	15°17	23°40	27°23	9°45	28°21	27°31	19°59	5°22	25°R57	24° 7	29°47	6°58	T 12
F 13	3 28 14	20°35'54	10♎36	16°54	24°55	27°59	9°37	28°21	27°29	19°59	5°21	25°56	24° 4	29°54	7° 0	F 13
S 14	3 32 10	21°36'23	22°37	18°30	26°10	28°34	9°29	28°21	27°26	19°58	5°20	25°52	24° 1	0♐ 1	7° 2	S 14
S 15	3 36 7	22°36'54	4♏33	20° 6	27°24	29°10	9°22	28°20	27°24	19°58	5°19	25°46	23°57	0° 7	7° 4	S 15
M16	3 40 3	23°37'26	16°26	21°42	28°39	29°46	9°14	28°19	27°21	19°57	5°18	25°37	23°54	0°14	7° 6	M16
T 17	3 44 0	24°38'00	28°17	23°18	29°54	0♎22	9° 6	28°19	27°19	19°57	5°17	25°26	23°51	0°21	7° 8	T 17
W18	3 47 56	25°38'35	10♐ 8	24°53	1♏ 8	0°57	8°59	28°18	27°16	19°56	5°16	25°14	23°48	0°28	7°11	W18
T 19	3 51 53	26°39'12	22° 1	26°28	2°23	1°33	8°51	28°17	27°14	19°56	5°15	25° 2	23°45	0°34	7°13	T 19
F 20	3 55 50	27°39'50	3♑57	28° 3	3°38	2° 8	8°44	28°16	27°11	19°55	5°14	24°50	23°42	0°41	7°15	F 20
S 21	3 59 46	28°40'30	15°58	29°38	4°53	2°44	8°37	28°14	27° 9	19°55	5°13	24°40	23°38	0°48	7°18	S 21
S 22	4 3 43	29°41'10	28° 7	1♐12	6° 8	3°19	8°30	28°13	27° 6	19°55	5°11	24°33	23°35	0°54	7°20	S 22
M23	4 7 39	0♐41'52	10♒27	2°47	7°22	3°54	8°23	28°12	27° 4	19°54	5°10	24°29	23°32	1° 1	7°23	M23
T 24	4 11 36	1°42'35	23° 3	4°21	8°37	4°30	8°16	28°10	27° 1	19°54	5° 9	24°27	23°29	1° 8	7°25	T 24
W25	4 15 32	2°43'19	5♓57	5°55	9°52	5° 5	8° 9	28° 8	26°59	19°54	5° 8	24°D26	23°26	1°15	7°28	W25
T 26	4 19 29	3°44'04	19°15	7°29	11° 7	5°40	8° 2	28° 7	26°56	19°54	5° 8	24°R27	23°23	1°21	7°31	T 26
F 27	4 23 25	4°44'49	3♈ 0	9° 3	12°22	6°15	7°56	28° 5	26°54	19°53	5° 7	24°26	23°19	1°28	7°33	F 27
S 28	4 27 22	5°45'36	17°13	10°36	13°37	6°50	7°49	28° 3	26°51	19°53	5° 6	24°25	23°16	1°35	7°36	S 28
S 29	4 31 19	6°46'24	1♉53	12°10	14°52	7°26	7°43	28° 1	26°49	19°53	5° 5	24°20	23°13	1°41	7°39	S 29
M30	4 35 15	7♐47'13	16♉57	13♐44	16♏ 7	8♎ 1	7♉37	27♋59	26♉46	19♓53	5♉ 4	24♓13	23♓10	1♐48	7♒42	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s22	11n28	2n22	9s 4	1n34	2s28	1n39	4n58	1n25	13n53	1s24	20n30	0s 1	19n30	0s14	5s 1	1s12	2s27	16s45	1s23	2s 6	24s22	11s59	6n51
M 2	14 41	17 48	3 29	9 44	1 29	2 56	1 40	4 44	1 25	13 51	1 23	20 30	0 1	19 30	0 14	5 1	1 12	2 27	16 45	1 25	2 8	24 23	11 59	6 51
T 3	15 0	23 4	4 21	10 24	1 23	3 25	1 40	4 30	1 26	13 48	1 23	20 30	0 1	19 29	0 14	5 2	1 12	2 27	16 45	1 27	2 9	24 25	11 59	6 50
W 4	15 19	26 45	4 55	11 4	1 17	3 53	1 40	4 16	1 26	13 46	1 23	20 30	0 1	19 28	0 14	5 2	1 12	2 27	16 45	1 30	2 10	24 27	11 59	6 50
T 5	15 37	28 28	5 8	11 43	1 11	4 22	1 41	4 2	1 26	13 44	1 23	20 30	0 1	19 28	0 14	5 2	1 12	2 28	16 45	1 33	2 11	24 29	11 59	6 49
F 6	15 55	28 8	5 0	12 22	1 5	4 50	1 41	3 47	1 26	13 41	1 23	20 30	0 1	19 27	0 14	5 3	1 12	2 28	16 45	1 35	2 13	24 31	11 59	6 49
S 7	16 13	25 55	4 34	13 0	0 58	5 19	1 41	3 33	1 26	13 39	1 23	20 30	0 0	19 27	0 14	5 3	1 12	2 28	16 45	1 37	2 14	24 33	11 59	6 48
S 8	16 31	22 14	3 52	13 38	0 52	5 47	1 41	3 19	1 27	13 36	1 23	20 30	0 0	19 26	0 14	5 3	1 12	2 29	16 45	1 37	2 15	24 35	12 0	6 48
M 9	16 48	17 29	2 59	14 15	0 45	6 15	1 41	3 5	1 27	13 34	1 23	20 30	0 0	19 26	0 14	5 4	1 12	2 29	16 45	1 37	2 17	24 37	12 0	6 47
T 10	17 5	12 5	1 58	14 51	0 39	6 43	1 41	2 51	1 27	13 31	1 23	20 30	0 0	19 25	0 14	5 4	1 12	2 29	16 44	1 37	2 18	24 38	12 0	6 47
W11	17 22	6 19	0 53	15 27	0 32	7 11	1 40	2 37	1 27	13 29	1 23	20 30	0 0	19 25	0 14	5 4	1 12	2 29	16 44	1 37	2 19	24 40	12 0	6 46
T 12	17 39	0 25	0s13	16 2	0 25	7 39	1 40	2 23	1 27	13 27	1 22	20 31	0n 0	19 24	0 14	5 4	1 12	2 30	16 44	1 37	2 20	24 42	12 0	6 46
F 13	17 55	5s23	1 18	16 36	0 18	8 7	1 40	2 9	1 28	13 24	1 22	20 31	0 0	19 24	0 14	5 5	1 12	2 30	16 44	1 37	2 22	24 44	12 0	6 45
S 14	18 11	10 56	2 18	17 10	0 11	8 34	1 39	1 55	1 28	13 22	1 22	20 31	0 0	19 23	0 14	5 5	1 12	2 30	16 44	1 39	2 23	24 46	12 0	6 45
S 15	18 26	16 3	3 11	17 43	0 5	9 1	1 39	1 41	1 28	13 20	1 22	20 31	0 0	19 22	0 14	5 5	1 12	2 30	16 44	1 41	2 24	24 48	12 0	6 44
M16	18 42	20 32	3 56	18 14	0s 2	9 29	1 38	1 27	1 28	13 17	1 22	20 31	0 0	19 22	0 14	5 5	1 12	2 31	16 44	1 45	2 25	24 49	12 0	6 44
T 17	18 57	24 11	4 30	18 45	0 9	9 56	1 37	1 13	1 28	13 15	1 22	20 32	0 1	19 21	0 14	5 5	1 12	2 31	16 44	1 49	2 27	24 51	12 0	6 43
W18	19 11	26 49	4 52	19 15	0 15	10 22	1 37	0 59	1 29	13 13	1 21	20 32	0 1	19 21	0 14	5 5	1 12	2 31	16 44	1 54	2 28	24 53	11 59	6 43
T 19	19 25	28 15	5 2	19 44	0 22	10 49	1 36	0 45	1 29	13 11	1 21	20 32	0 1	19 20	0 14	5 6	1 12	2 31	16 43	1 59	2 29	24 55	11 59	6 42
F 20	19 39	28 23	4 59	20 12	0 29	11 15	1 35	0 31	1 29	13 9	1 21	20 33	0 1	19 20	0 14	5 6	1 12	2 31	16 43	2 3	2 30	24 57	11 59	6 42
S 21	19 53	27 11	4 42	20 40	0 35	11 41	1 34	0 17	1 29	13 7	1 21	20 33	0 1	19 19	0 14	5 6	1 12	2 31	16 43	2 7	2 32	24 58	11 59	6 42
S 22	20 6	24 41	4 13	21 6	0 41	12 7	1 33	0 3	1 29	13 4	1 21	20 33	0 1	19 18	0 14	5 6	1 12	2 32	16 43	2 10	2 33	25 0	11 59	6 41
M23	20 19	21 1	3 31	21 31	0 48	12 32	1 32	0s11	1 30	13 2	1 20	20 34	0 1	19 18	0 14	5 6	1 12	2 32	16 43	2 12	2 34	25 2	11 59	6 41
T 24	20 31	16 21	2 39	21 55	0 54	12 58	1 31	0 25	1 30	13 0	1 20	20 34	0 1	19 17	0 14	5 6	1 12	2 32	16 43	2 13	2 35	25 4	11 58	6 40
W25	20 43	10 50	1 37	22 17	1 0	13 22	1 29	0 39	1 30	12 58	1 20	20 35	0 1	19 17	0 14	5 6	1 12	2 32	16 42	2 13	2 37	25 5	11 58	6 40
T 26	20 55	4 41	0 28	22 39	1 6	13 47	1 28	0 52	1 30	12 57	1 20	20 35	0 2	19 16	0 14	5 6	1 12	2 32	16 42	2 13	2 38	25 7	11 58	6 39
F 27	21 6	1n53	0n45	23 0	1 11	14 11	1 27	1 6	1 30	12 55	1 20	20 35	0 2	19 16	0 13	5 6	1 12	2 32	16 42	2 13	2 39	25 9	11 58	6 39
S 28	21 17	8 35	1 58	23 19	1 17	14 35	1 25	1 20	1 31	12 53	1 19	20 36	0 2	19 15	0 13	5 6	1 12	2 32	16 42	2 13	2 40	25 11	11 57	6 39
S 29	21 28	15 1	3 4	23 38	1 22	14 59	1 24	1 34	1 31	12 51	1 19	20 36	0 2	19 15	0 13	5 6	1 11	2 33	16 42	2 15	2 42	25 12	11 57	6 38
M30	21s38	20n45	4n 0	23s55	1s27	15s22	1n22	1s47	1n31	12n49	1s19	20n37	0n 2	19n14	0s13	5s 6	1s11	2s33	16s41	2s18	2s43	25s14	11s57	6n38

Julian Day Number = 2399619.5, Delta T = 9.56 sec
Ecliptic obliquity = 23°27'37, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°45'18, Lahiri = 21°52'19

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ASTRODIENST EPHEMERIS for the year 1857
geocentric

DECEMBER 1857 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 39 12	8♐48'03	2♊15	15♐17	17♏22	8♎35	7°R31	27°R56	26°R44	19°D53	5°R 3	24°R 3	23♓ 7	1♐55	7♒45	T 1
W 2	4 43 8	9°48'54	17°37	16°51	18°37	9°10	7♉26	27♋54	26♉41	19♓53	5♉ 2	23♓52	23° 3	2° 2	7°48	W 2
T 3	4 47 5	10°49'46	2♋50	18°24	19°52	9°45	7°20	27°51	26°39	19°53	5° 1	23°41	23° 0	2° 8	7°51	T 3
F 4	4 51 1	11°50'39	17°45	19°58	21° 8	10°20	7°15	27°49	26°36	19°53	5° 0	23°31	22°57	2°15	7°54	F 4
S 5	4 54 58	12°51'34	2♌13	21°31	22°23	10°55	7° 9	27°46	26°34	19°53	4°59	23°23	22°54	2°22	7°57	S 5
S 6	4 58 55	13°52'30	16°12	23° 5	23°38	11°29	7° 4	27°43	26°32	19°54	4°58	23°18	22°51	2°28	8° 1	S 6
M 7	5 2 51	14°53'26	29°40	24°38	24°53	12° 4	6°59	27°41	26°29	19°54	4°58	23°16	22°48	2°35	8° 4	M 7
T 8	5 6 48	15°54'25	12♍40	26°11	26° 8	12°39	6°54	27°38	26°27	19°54	4°57	23°15	22°44	2°42	8° 7	T 8
W 9	5 10 44	16°55'24	25°16	27°45	27°23	13°13	6°50	27°35	26°25	19°54	4°56	23°15	22°41	2°49	8°11	W 9
T 10	5 14 41	17°56'24	7♎35	29°18	28°39	13°47	6°45	27°31	26°22	19°54	4°55	23°15	22°38	2°55	8°14	T 10
F 11	5 18 37	18°57'25	19°39	0♏51	29°54	14°22	6°41	27°28	26°20	19°55	4°54	23°12	22°35	3° 2	8°18	F 11
S 12	5 22 34	19°58'28	1♏35	2°24	1♐ 9	14°56	6°37	27°25	26°18	19°55	4°54	23° 8	22°32	3° 9	8°21	S 12
S 13	5 26 30	20°59'31	13°26	3°57	2°24	15°30	6°33	27°21	26°16	19°56	4°53	23° 0	22°29	3°15	8°25	S 13
M14	5 30 27	22° 0'36	25°16	5°30	3°40	16° 4	6°30	27°18	26°13	19°56	4°52	22°49	22°25	3°22	8°28	M14
T 15	5 34 24	23° 1'41	7♐ 7	7° 2	4°55	16°39	6°26	27°14	26°11	19°56	4°51	22°35	22°22	3°29	8°32	T 15
W16	5 38 20	24° 2'47	19° 1	8°34	6°10	17°13	6°23	27°11	26° 9	19°57	4°51	22°20	22°19	3°36	8°36	W16
T 17	5 42 17	25° 3'53	1♑ 0	10° 6	7°26	17°47	6°20	27° 7	26° 7	19°57	4°50	22° 5	22°16	3°42	8°39	T 17
F 18	5 46 13	26° 5'00	13° 4	11°37	8°41	18°20	6°17	27° 3	26° 5	19°58	4°49	21°50	22°13	3°49	8°43	F 18
S 19	5 50 10	27° 6'08	25°14	13° 7	9°56	18°54	6°15	26°59	26° 3	19°59	4°49	21°38	22°10	3°56	8°47	S 19
S 20	5 54 6	28° 7'16	7♒32	14°37	11°11	19°28	6°12	26°55	26° 1	19°59	4°48	21°29	22° 6	4° 2	8°51	S 20
M21	5 58 3	29° 8'24	19°59	16° 5	12°27	20° 1	6°10	26°51	25°59	20° 0	4°48	21°22	22° 3	4° 9	8°55	M21
T 22	6 1 59	0♑ 9'32	2♓39	17°33	13°42	20°35	6° 8	26°47	25°57	20° 1	4°47	21°19	22° 0	4°16	8°59	T 22
W23	6 5 56	1°10'41	15°33	18°59	14°57	21° 8	6° 6	26°43	25°55	20° 1	4°46	21°18	21°57	4°23	9° 3	W23
T 24	6 9 53	2°11'49	28°47	20°23	16°13	21°42	6° 4	26°39	25°53	20° 2	4°46	21°18	21°54	4°29	9° 7	T 24
F 25	6 13 49	3°12'57	12♈21	21°45	17°28	22°15	6° 3	26°35	25°51	20° 3	4°45	21°17	21°50	4°36	9°11	F 25
S 26	6 17 46	4°14'06	26°20	23° 5	18°43	22°48	6° 2	26°30	25°49	20° 4	4°45	21°16	21°47	4°43	9°15	S 26
S 27	6 21 42	5°15'14	10♉43	24°21	19°59	23°21	6° 1	26°26	25°48	20° 5	4°44	21°12	21°44	4°49	9°19	S 27
M28	6 25 39	6°16'22	25°28	25°34	21°14	23°55	6° 0	26°21	25°46	20° 5	4°44	21° 5	21°41	4°56	9°23	M28
T 29	6 29 35	7°17'31	10♊29	26°44	22°30	24°27	5°59	26°17	25°44	20° 6	4°43	20°56	21°38	5° 3	9°27	T 29
W30	6 33 32	8°18'39	25°38	27°48	23°45	25° 0	5°59	26°12	25°42	20° 7	4°43	20°45	21°35	5°10	9°31	W30
T 31	6 37 29	9♑19'48	10♋45	28♑47	25♐ 0	25♎33	5°D59	26♋ 8	25♉41	20♓ 8	4♉43	20♓34	21♓31	5♐16	9♒35	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s47	25n12	4n40	24s11	1s32	15s44	1n21	2s 1	1n31	12n48	1s19	20n38	0n 2	19n13	0s13	5s 6	1s11	2s33	16s41	2s22	2s44	25s16	11s56	6n37
W 2	21 56	27 51	4 59	24 25	1 37	16 7	1 19	2 14	1 31	12 46	1 18	20 38	0 2	19 13	0 13	5 6	1 11	2 33	16 41	2 26	2 45	25 17	11 56	6 37
T 3	22 5	28 23	4 57	24 39	1 42	16 29	1 17	2 28	1 31	12 44	1 18	20 39	0 2	19 12	0 13	5 6	1 11	2 33	16 41	2 31	2 47	25 19	11 56	6 36
F 4	22 14	26 49	4 35	24 51	1 46	16 50	1 16	2 42	1 32	12 43	1 18	20 39	0 2	19 12	0 13	5 6	1 11	2 33	16 41	2 35	2 48	25 21	11 55	6 36
S 5	22 22	23 30	3 55	25 1	1 50	17 11	1 14	2 55	1 32	12 41	1 18	20 40	0 3	19 11	0 13	5 6	1 11	2 33	16 40	2 38	2 49	25 22	11 55	6 36
S 6	22 29	18 54	3 2	25 11	1 54	17 32	1 12	3 8	1 32	12 40	1 17	20 41	0 3	19 11	0 13	5 6	1 11	2 33	16 40	2 40	2 50	25 24	11 54	6 35
M 7	22 36	13 30	2 1	25 19	1 58	17 52	1 10	3 22	1 32	12 39	1 17	20 41	0 3	19 10	0 13	5 6	1 11	2 33	16 40	2 41	2 52	25 26	11 54	6 35
T 8	22 43	7 40	0 56	25 25	2 1	18 12	1 8	3 35	1 32	12 37	1 17	20 42	0 3	19 10	0 13	5 6	1 11	2 33	16 40	2 41	2 53	25 27	11 54	6 35
W 9	22 49	1 43	0s11	25 31	2 4	18 31	1 6	3 48	1 32	12 36	1 17	20 43	0 3	19 9	0 13	5 6	1 11	2 33	16 39	2 41	2 54	25 29	11 53	6 34
T 10	22 55	4s 9	1 15	25 34	2 7	18 50	1 4	4 2	1 32	12 35	1 16	20 43	0 3	19 9	0 13	5 5	1 11	2 33	16 39	2 41	2 56	25 31	11 53	6 34
F 11	23 0	9 46	2 15	25 37	2 9	19 8	1 2	4 15	1 33	12 34	1 16	20 44	0 3	19 8	0 13	5 5	1 11	2 33	16 39	2 42	2 57	25 32	11 52	6 33
S 12	23 5	14 58	3 7	25 37	2 11	19 25	1 0	4 28	1 33	12 33	1 16	20 45	0 3	19 8	0 13	5 5	1 11	2 33	16 39	2 44	2 58	25 34	11 52	6 33
S 13	23 9	19 34	3 52	25 37	2 13	19 43	0 58	4 41	1 33	12 32	1 15	20 46	0 3	19 7	0 13	5 5	1 11	2 33	16 38	2 47	2 59	25 36	11 51	6 33
M14	23 13	23 24	4 26	25 35	2 14	19 59	0 56	4 54	1 33	12 31	1 15	20 47	0 4	19 7	0 13	5 5	1 11	2 33	16 38	2 51	3 1	25 37	11 50	6 32
T 15	23 17	26 15	4 48	25 31	2 15	20 15	0 54	5 7	1 33	12 30	1 15	20 47	0 4	19 6	0 13	5 5	1 11	2 33	16 38	2 57	3 2	25 39	11 50	6 32
W16	23 20	27 58	4 58	25 26	2 15	20 31	0 52	5 20	1 33	12 29	1 15	20 48	0 4	19 6	0 13	5 4	1 11	2 33	16 38	3 3	3 3	25 40	11 49	6 32
T 17	23 22	28 23	4 55	25 19	2 15	20 45	0 49	5 32	1 33	12 28	1 14	20 49	0 4	19 5	0 13	5 4	1 11	2 33	16 37	3 9	3 4	25 42	11 49	6 31
F 18	23 24	27 27	4 39	25 11	2 14	21 0	0 47	5 45	1 34	12 28	1 14	20 50	0 4	19 5	0 13	5 4	1 11	2 33	16 37	3 14	3 6	25 44	11 48	6 31
S 19	23 26	25 12	4 10	25 1	2 13	21 13	0 45	5 58	1 34	12 27	1 14	20 51	0 4	19 4	0 13	5 4	1 11	2 33	16 37	3 19	3 7	25 45	11 47	6 31
S 20	23 27	21 46	3 29	24 50	2 11	21 26	0 42	6 11	1 34	12 27	1 13	20 52	0 4	19 4	0 13	5 3	1 11	2 33	16 36	3 23	3 8	25 47	11 47	6 31
M21	23 27	17 19	2 37	24 37	2 9	21 39	0 40	6 23	1 34	12 26	1 13	20 52	0 4	19 3	0 13	5 3	1 11	2 33	16 36	3 25	3 9	25 48	11 46	6 30
T 22	23 28	12 3	1 37	24 23	2 6	21 50	0 38	6 36	1 34	12 26	1 13	20 53	0 4	19 3	0 13	5 3	1 11	2 33	16 36	3 27	3 11	25 50	11 45	6 30
W23	23 27	6 10	0 30	24 7	2 2	22 2	0 35	6 48	1 34	12 26	1 12	20 54	0 5	19 2	0 13	5 2	1 11	2 32	16 35	3 27	3 12	25 51	11 44	6 30
T 24	23 27	0n 7	0n39	23 51	1 57	22 12	0 33	7 0	1 34	12 25	1 12	20 55	0 5	19 2	0 13	5 2	1 11	2 32	16 35	3 27	3 13	25 53	11 44	6 29
F 25	23 25	6 33	1 49	23 33	1 52	22 22	0 30	7 13	1 34	12 25	1 12	20 56	0 5	19 2	0 13	5 2	1 11	2 32	16 35	3 27	3 14	25 54	11 43	6 29
S 26	23 24	12 52	2 54	23 13	1 46	22 31	0 28	7 25	1 35	12 25	1 12	20 57	0 5	19 1	0 13	5 1	1 11	2 32	16 35	3 28	3 16	25 56	11 42	6 29
S 27	23 21	18 41	3 50	22 53	1 39	22 39	0 26	7 37	1 35	12 25	1 11	20 58	0 5	19 1	0 13	5 1	1 11	2 32	16 34	3 30	3 17	25 57	11 41	6 29
M28	23 19	23 32	4 32	22 32	1 30	22 47	0 23	7 49	1 35	12 25	1 11	20 59	0 5	19 0	0 13	5 1	1 11	2 32	16 34	3 32	3 18	25 59	11 41	6 28
T 29	23 16	26 55	4 56	22 10	1 21	22 54	0 21	8 1	1 35	12 25	1 11	21 0	0 5	19 0	0 13	5 0	1 11	2 32	16 34	3 36	3 19	26 0	11 40	6 28
W30	23 12	28 23	5 0	21 47	1 11	23 1	0 18	8 13	1 35	12 25	1 10	21 1	0 5	19 0	0 13	5 0	1 10	2 31	16 33	3 40	3 21	26 2	11 39	6 28
T 31	23s 8	27n43	4n43	21s24	1s 0	23s 6	0n16	8s25	1n35	12n26	1s10	21n 2	0n 5	18n59	0s13	4s59	1s10	2s31	16s33	3s45	3s22	26s 3	11s38	6n28

Julian Day Number = 2399649.5, Delta T = 9.54 sec
Ecliptic obliquity = 23°27'36, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°45'22, Lahiri = 21°52'23

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ASTRODIENST EPHEMERIS for the year 1858
geocentric

JANUARY 1858 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 41 25	10♑20'56	25♋39	29♑40	26♐16	26♎ 6	5♉59	26°R 3	25°R39	20♓ 9	4°R42	20°R24	21♓28	5♐23	9♒40	F 1
S 2	6 45 22	11°22'04	10♌12	0♒26	27°31	26°38	5°59	25♋58	25♉38	20°10	4♉42	20♓16	21°25	5°30	9°44	S 2
S 3	6 49 18	12°23'13	24°18	1° 4	28°46	27°11	6° 0	25°54	25°36	20°12	4°42	20°10	21°22	5°36	9°48	S 3
M 4	6 53 15	13°24'21	7♍54	1°33	0♑ 2	27°43	6° 0	25°49	25°35	20°13	4°41	20° 8	21°19	5°43	9°53	M 4
T 5	6 57 11	14°25'30	21° 1	1°52	1°17	28°16	6° 1	25°44	25°33	20°14	4°41	20°D 7	21°16	5°50	9°57	T 5
W 6	7 1 8	15°26'39	3♎44	2°R 1	2°32	28°48	6° 2	25°39	25°32	20°15	4°41	20° 8	21°12	5°57	10° 1	W 6
T 7	7 5 4	16°27'47	16° 6	1°59	3°48	29°20	6° 4	25°35	25°31	20°16	4°40	20°R 8	21° 9	6° 3	10° 6	T 7
F 8	7 9 1	17°28'56	28°12	1°45	5° 3	29°52	6° 5	25°30	25°29	20°17	4°40	20° 7	21° 6	6°10	10°10	F 8
S 9	7 12 58	18°30'05	10♏ 8	1°19	6°19	0♏24	6° 7	25°25	25°28	20°19	4°40	20° 5	21° 3	6°17	10°15	S 9
S 10	7 16 54	19°31'14	21°59	0°41	7°34	0°55	6° 9	25°20	25°27	20°20	4°40	20° 0	21° 0	6°24	10°19	S 10
M11	7 20 51	20°32'23	3♐49	29♑53	8°49	1°27	6°11	25°15	25°26	20°21	4°40	19°52	20°56	6°30	10°24	M11
T 12	7 24 47	21°33'32	15°42	28°54	10° 5	1°59	6°13	25°10	25°25	20°23	4°39	19°42	20°53	6°37	10°28	T 12
W13	7 28 44	22°34'40	27°40	27°48	11°20	2°30	6°16	25° 5	25°24	20°24	4°39	19°31	20°50	6°44	10°33	W13
T 14	7 32 40	23°35'48	9♑46	26°35	12°35	3° 1	6°18	25° 0	25°23	20°26	4°39	19°19	20°47	6°50	10°37	T 14
F 15	7 36 37	24°36'56	22° 0	25°18	13°51	3°32	6°21	24°55	25°22	20°27	4°39	19° 8	20°44	6°57	10°42	F 15
S 16	7 40 33	25°38'03	4♒24	23°59	15° 6	4° 3	6°24	24°50	25°21	20°28	4°39	18°59	20°41	7° 4	10°46	S 16
S 17	7 44 30	26°39'10	16°58	22°42	16°22	4°34	6°28	24°45	25°20	20°30	4°39	18°52	20°37	7°11	10°51	S 17
M18	7 48 27	27°40'15	29°42	21°27	17°37	5° 5	6°31	24°40	25°19	20°31	4°D39	18°48	20°34	7°17	10°56	M18
T 19	7 52 23	28°41'20	12♓37	20°18	18°52	5°36	6°35	24°36	25°18	20°33	4°39	18°D46	20°31	7°24	11° 0	T 19
W20	7 56 20	29°42'24	25°44	19°15	20° 8	6° 6	6°39	24°31	25°18	20°35	4°39	18°46	20°28	7°31	11° 5	W20
T 21	8 0 16	0♒43'27	9♈ 5	18°21	21°23	6°37	6°43	24°26	25°17	20°36	4°39	18°47	20°25	7°37	11° 9	T 21
F 22	8 4 13	1°44'29	22°41	17°34	22°38	7° 7	6°47	24°21	25°16	20°38	4°39	18°48	20°22	7°44	11°14	F 22
S 23	8 8 9	2°45'30	6♉34	16°57	23°54	7°37	6°51	24°16	25°16	20°39	4°39	18°R48	20°18	7°51	11°19	S 23
S 24	8 12 6	3°46'30	20°43	16°29	25° 9	8° 7	6°56	24°11	25°15	20°41	4°39	18°47	20°15	7°58	11°23	S 24
M25	8 16 2	4°47'29	5♊ 7	16°10	26°24	8°36	7° 1	24° 6	25°15	20°43	4°39	18°44	20°12	8° 4	11°28	M25
T 26	8 19 59	5°48'27	19°43	16° 0	27°40	9° 6	7° 6	24° 1	25°14	20°45	4°40	18°39	20° 9	8°11	11°33	T 26
W27	8 23 56	6°49'23	4♋26	15°D58	28°55	9°35	7°11	23°57	25°14	20°46	4°40	18°32	20° 6	8°18	11°37	W27
T 28	8 27 52	7°50'19	19° 8	16° 3	0♒10	10° 5	7°16	23°52	25°14	20°48	4°40	18°25	20° 2	8°24	11°42	T 28
F 29	8 31 49	8°51'13	3♌43	16°16	1°26	10°34	7°22	23°47	25°14	20°50	4°40	18°19	19°59	8°31	11°47	F 29
S 30	8 35 45	9°52'06	18° 3	16°35	2°41	11° 3	7°28	23°43	25°13	20°52	4°40	18°14	19°56	8°38	11°51	S 30
S 31	8 39 42	10♒52'58	2♍ 2	17♑ 1	3♒56	11♏32	7♉34	23♋38	25♉13	20♓54	4♉41	18♓11	19♓53	8♐45	11♒56	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 3	25n 4	4n 7	21s 1	0s48	23s11	0n13	8s37	1n35	12n26	1s10	21n 3	0n 6	18n59	0s13	4s59	1s10	2s31	16s33	3s48	3s23	26s 5	11s37	6n27
S 2	22 58	20 50	3 15	20 38	0 35	23 16	0 11	8 48	1 35	12 26	1 9	21 4	0 6	18 58	0 13	4 58	1 10	2 31	16 32	3 52	3 24	26 6	11 36	6 27
S 3	22 53	15 31	2 13	20 16	0 20	23 19	0 8	9 0	1 35	12 27	1 9	21 5	0 6	18 58	0 13	4 58	1 10	2 31	16 32	3 54	3 26	26 8	11 35	6 27
M 4	22 47	9 37	1 5	19 54	0 4	23 22	0 6	9 11	1 35	12 27	1 9	21 6	0 6	18 58	0 13	4 58	1 10	2 30	16 32	3 55	3 27	26 9	11 34	6 27
T 5	22 41	3 29	0s 5	19 34	0n12	23 24	0 3	9 23	1 35	12 28	1 8	21 7	0 6	18 57	0 13	4 57	1 10	2 30	16 31	3 55	3 28	26 11	11 34	6 26
W 6	22 34	2s35	1 12	19 15	0 30	23 25	0 1	9 34	1 35	12 28	1 8	21 8	0 6	18 57	0 13	4 57	1 10	2 30	16 31	3 55	3 29	26 12	11 33	6 26
T 7	22 27	8 24	2 14	18 58	0 48	23 26	0s 2	9 45	1 35	12 29	1 8	21 9	0 6	18 57	0 13	4 56	1 10	2 30	16 31	3 55	3 31	26 14	11 32	6 26
F 8	22 19	13 46	3 8	18 42	1 7	23 26	0 4	9 57	1 36	12 30	1 8	21 10	0 6	18 57	0 13	4 56	1 10	2 29	16 30	3 55	3 32	26 15	11 31	6 26
S 9	22 11	18 34	3 54	18 30	1 26	23 25	0 7	10 8	1 36	12 31	1 7	21 11	0 6	18 56	0 13	4 55	1 10	2 29	16 30	3 56	3 33	26 16	11 30	6 26
S 10	22 2	22 36	4 29	18 19	1 45	23 24	0 9	10 19	1 36	12 32	1 7	21 12	0 7	18 56	0 13	4 54	1 10	2 29	16 30	3 58	3 34	26 18	11 29	6 25
M11	21 53	25 43	4 52	18 11	2 3	23 22	0 12	10 30	1 36	12 33	1 7	21 13	0 7	18 56	0 13	4 54	1 10	2 29	16 29	4 1	3 36	26 19	11 28	6 25
T 12	21 44	27 43	5 3	18 6	2 21	23 19	0 14	10 40	1 36	12 34	1 6	21 14	0 7	18 55	0 13	4 53	1 10	2 28	16 29	4 5	3 37	26 21	11 27	6 25
W13	21 34	28 27	5 1	18 3	2 37	23 15	0 16	10 51	1 36	12 35	1 6	21 15	0 7	18 55	0 13	4 53	1 10	2 28	16 28	4 9	3 38	26 22	11 26	6 25
T 14	21 24	27 50	4 45	18 3	2 52	23 11	0 19	11 2	1 36	12 36	1 6	21 16	0 7	18 55	0 13	4 52	1 10	2 28	16 28	4 14	3 39	26 23	11 25	6 25
F 15	21 13	25 52	4 16	18 5	3 4	23 5	0 21	11 12	1 36	12 37	1 5	21 17	0 7	18 55	0 13	4 52	1 10	2 28	16 28	4 18	3 41	26 25	11 23	6 25
S 16	21 2	22 39	3 35	18 8	3 14	23 0	0 24	11 23	1 36	12 38	1 5	21 18	0 7	18 55	0 13	4 51	1 10	2 27	16 27	4 22	3 42	26 26	11 22	6 25
S 17	20 51	18 20	2 42	18 14	3 22	22 53	0 26	11 33	1 36	12 40	1 5	21 19	0 7	18 54	0 13	4 50	1 10	2 27	16 27	4 24	3 43	26 28	11 21	6 24
M18	20 39	13 9	1 41	18 20	3 27	22 46	0 28	11 43	1 36	12 41	1 5	21 20	0 7	18 54	0 13	4 50	1 10	2 27	16 27	4 26	3 44	26 29	11 20	6 24
T 19	20 26	7 20	0 33	18 28	3 30	22 38	0 30	11 53	1 36	12 43	1 4	21 21	0 7	18 54	0 13	4 49	1 10	2 26	16 26	4 27	3 46	26 30	11 19	6 24
W20	20 14	1 7	0n38	18 37	3 30	22 29	0 33	12 4	1 36	12 44	1 4	21 22	0 8	18 54	0 13	4 49	1 10	2 26	16 26	4 27	3 47	26 32	11 18	6 24
T 21	20 1	5n15	1 47	18 46	3 28	22 20	0 35	12 13	1 36	12 46	1 4	21 23	0 8	18 54	0 13	4 48	1 10	2 25	16 26	4 27	3 48	26 33	11 17	6 24
F 22	19 47	11 30	2 53	18 56	3 24	22 10	0 37	12 23	1 36	12 48	1 3	21 24	0 8	18 54	0 13	4 47	1 10	2 25	16 25	4 26	3 49	26 34	11 16	6 24
S 23	19 34	17 19	3 49	19 6	3 19	21 59	0 39	12 33	1 36	12 49	1 3	21 25	0 8	18 54	0 13	4 47	1 10	2 25	16 25	4 26	3 51	26 36	11 15	6 24
S 24	19 19	22 19	4 33	19 16	3 12	21 48	0 41	12 43	1 36	12 51	1 3	21 26	0 8	18 53	0 13	4 46	1 10	2 24	16 25	4 27	3 52	26 37	11 13	6 24
M25	19 5	26 5	5 0	19 26	3 4	21 36	0 43	12 52	1 36	12 53	1 3	21 27	0 8	18 53	0 13	4 45	1 10	2 24	16 24	4 28	3 53	26 38	11 12	6 24
T 26	18 50	28 11	5 9	19 36	2 55	21 23	0 45	13 2	1 36	12 55	1 2	21 27	0 8	18 53	0 13	4 44	1 10	2 24	16 24	4 30	3 54	26 40	11 11	6 24
W27	18 35	28 20	4 57	19 46	2 46	21 10	0 47	13 11	1 36	12 57	1 2	21 28	0 8	18 53	0 12	4 44	1 10	2 23	16 23	4 32	3 56	26 41	11 10	6 24
T 28	18 19	26 29	4 26	19 55	2 35	20 56	0 49	13 20	1 36	12 59	1 2	21 29	0 8	18 53	0 12	4 43	1 10	2 23	16 23	4 35	3 57	26 42	11 9	6 23
F 29	18 4	22 52	3 38	20 4	2 25	20 42	0 51	13 29	1 36	13 1	1 1	21 30	0 9	18 53	0 12	4 42	1 10	2 22	16 23	4 37	3 58	26 43	11 7	6 23
S 30	17 47	17 55	2 36	20 13	2 14	20 27	0 53	13 38	1 35	13 3	1 1	21 31	0 9	18 53	0 12	4 42	1 10	2 22	16 22	4 39	3 59	26 45	11 6	6 23
S 31	17s31	12n 7	1n27	20s21	2n 3	20s11	0s55	13s47	1n35	13n 5	1s 1	21n32	0n 9	18n53	0s12	4s41	1s10	2s22	16s22	4s40	4s 1	26s46	11s 5	6n23

Julian Day Number = 2399680.5, Delta T = 9.51 sec
Ecliptic obliquity = 23°27'36, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°45'27, Lahiri = 21°52'27

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ASTRODIENST EPHEMERIS for the year 1858
geocentric

FEBRUARY 1858 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 43 38	11♒53'49	15♍37	17♏32	5♒11	12♏ 0	7♉40	23°R33	25°R13	20♓55	4♉41	18°D10	19♓50	8♐51	12♒ 1	M 1
T 2	8 47 35	12°54'39	28°47	18° 8	6°27	12°29	7°46	23♋29	25°D13	20°57	4°41	18♓11	19°47	8°58	12° 6	T 2
W 3	8 51 31	13°55'28	11♎35	18°49	7°42	12°57	7°52	23°24	25♉13	20°59	4°42	18°12	19°43	9° 5	12°10	W 3
T 4	8 55 28	14°56'17	24° 2	19°34	8°57	13°25	7°59	23°20	25°13	21° 1	4°42	18°14	19°40	9°12	12°15	T 4
F 5	8 59 25	15°57'04	6♏13	20°23	10°12	13°53	8° 5	23°16	25°13	21° 3	4°42	18°15	19°37	9°18	12°20	F 5
S 6	9 3 21	16°57'50	18°12	21°15	11°28	14°20	8°12	23°11	25°13	21° 5	4°43	18°R16	19°34	9°25	12°24	S 6
S 7	9 7 18	17°58'36	0♐ 5	22°11	12°43	14°48	8°19	23° 7	25°14	21° 7	4°43	18°15	19°31	9°32	12°29	S 7
M 8	9 11 14	18°59'20	11°57	23°10	13°58	15°15	8°27	23° 3	25°14	21° 9	4°44	18°13	19°27	9°38	12°34	M 8
T 9	9 15 11	20° 0'04	23°51	24°11	15°13	15°42	8°34	22°59	25°14	21°11	4°44	18° 9	19°24	9°45	12°38	T 9
W10	9 19 7	21° 0'46	5♑53	25°15	16°29	16° 9	8°41	22°55	25°15	21°13	4°45	18° 5	19°21	9°52	12°43	W10
T 11	9 23 4	22° 1'27	18° 4	26°22	17°44	16°36	8°49	22°51	25°15	21°15	4°45	18° 0	19°18	9°59	12°48	T 11
F 12	9 27 0	23° 2'07	0♒28	27°30	18°59	17° 2	8°57	22°47	25°16	21°17	4°46	17°56	19°15	10° 5	12°52	F 12
S 13	9 30 57	24° 2'45	13° 5	28°41	20°14	17°28	9° 5	22°43	25°16	21°19	4°46	17°52	19°12	10°12	12°57	S 13
S 14	9 34 54	25° 3'22	25°57	29°53	21°29	17°54	9°13	22°39	25°17	21°21	4°47	17°49	19° 8	10°19	13° 1	S 14
M15	9 38 50	26° 3'58	9♓ 2	1♒ 7	22°44	18°20	9°21	22°35	25°18	21°23	4°47	17°48	19° 5	10°25	13° 6	M15
T 16	9 42 47	27° 4'31	22°21	2°23	24° 0	18°45	9°29	22°32	25°18	21°25	4°48	17°D48	19° 2	10°32	13°11	T 16
W17	9 46 43	28° 5'03	5♈53	3°40	25°15	19°11	9°38	22°28	25°19	21°27	4°48	17°49	18°59	10°39	13°15	W17
T 18	9 50 40	29° 5'34	19°35	4°59	26°30	19°36	9°47	22°25	25°20	21°30	4°49	17°50	18°56	10°46	13°20	T 18
F 19	9 54 36	0♓ 6'02	3♉27	6°19	27°45	20° 0	9°55	22°21	25°21	21°32	4°50	17°51	18°53	10°52	13°24	F 19
S 20	9 58 33	1° 6'29	17°27	7°41	29° 0	20°25	10° 4	22°18	25°22	21°34	4°50	17°52	18°49	10°59	13°29	S 20
S 21	10 2 29	2° 6'54	1♊35	9° 4	0♓15	20°49	10°13	22°15	25°23	21°36	4°51	17°R53	18°46	11° 6	13°33	S 21
M22	10 6 26	3° 7'17	15°48	10°28	1°30	21°13	10°23	22°12	25°24	21°38	4°52	17°52	18°43	11°13	13°38	M22
T 23	10 10 23	4° 7'38	0♋ 4	11°53	2°45	21°36	10°32	22° 9	25°25	21°40	4°53	17°51	18°40	11°19	13°42	T 23
W24	10 14 19	5° 7'57	14°20	13°19	4° 0	22° 0	10°41	22° 6	25°26	21°43	4°53	17°50	18°37	11°26	13°47	W24
T 25	10 18 16	6° 8'14	28°32	14°47	5°15	22°23	10°51	22° 3	25°27	21°45	4°54	17°48	18°33	11°33	13°51	T 25
F 26	10 22 12	7° 8'29	12♌37	16°16	6°30	22°45	11° 1	22° 0	25°28	21°47	4°55	17°47	18°30	11°39	13°55	F 26
S 27	10 26 9	8° 8'42	26°30	17°46	7°45	23° 8	11°10	21°57	25°29	21°49	4°56	17°46	18°27	11°46	14° 0	S 27
S 28	10 30 5	9♓ 8'53	10♍ 9	19♒17	9♓ 0	23♏30	11♉20	21♋55	25♉31	21♓51	4♉57	17♓45	18♓24	11♐53	14♒ 4	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s14	5n53	0n14	20s28	1n52	19s54	0s57	13s56	1n35	13n 7	1s 1	21n33	0n 9	18n53	0s12	4s40	1s10	2s21	16s22	4s41	4s 2	26s47	11s 4	6n23
T 2	16 57	0s24	0s58	20 34	1 41	19 38	0 59	14 5	1 35	13 10	1 0	21 34	0 9	18 53	0 12	4 39	1 10	2 21	16 21	4 41	4 3	26 48	11 3	6 23
W 3	16 40	6 29	2 4	20 40	1 29	19 20	1 0	14 14	1 35	13 12	1 0	21 35	0 9	18 53	0 12	4 39	1 10	2 20	16 21	4 40	4 4	26 50	11 1	6 23
T 4	16 22	12 10	3 3	20 44	1 18	19 2	1 2	14 22	1 35	13 14	1 0	21 36	0 9	18 53	0 12	4 38	1 10	2 20	16 21	4 39	4 6	26 51	11 0	6 23
F 5	16 4	17 15	3 52	20 48	1 8	18 43	1 4	14 31	1 35	13 17	0 59	21 36	0 9	18 53	0 12	4 37	1 10	2 19	16 20	4 39	4 7	26 52	10 59	6 23
S 6	15 46	21 36	4 31	20 51	0 57	18 24	1 5	14 39	1 35	13 19	0 59	21 37	0 9	18 53	0 12	4 36	1 10	2 19	16 20	4 39	4 8	26 53	10 57	6 23
S 7	15 27	25 1	4 57	20 52	0 46	18 5	1 7	14 47	1 35	13 22	0 59	21 38	0 9	18 53	0 12	4 35	1 10	2 19	16 20	4 39	4 9	26 54	10 56	6 23
M 8	15 9	27 22	5 11	20 53	0 36	17 44	1 8	14 55	1 35	13 24	0 59	21 39	0 10	18 53	0 12	4 35	1 10	2 18	16 19	4 40	4 11	26 56	10 55	6 23
T 9	14 50	28 30	5 11	20 52	0 26	17 24	1 10	15 3	1 34	13 27	0 58	21 40	0 10	18 54	0 12	4 34	1 10	2 18	16 19	4 41	4 12	26 57	10 54	6 23
W10	14 30	28 17	4 58	20 51	0 16	17 3	1 11	15 11	1 34	13 29	0 58	21 40	0 10	18 54	0 12	4 33	1 10	2 17	16 19	4 43	4 13	26 58	10 52	6 23
T 11	14 11	26 43	4 31	20 48	0 6	16 41	1 12	15 19	1 34	13 32	0 58	21 41	0 10	18 54	0 12	4 32	1 10	2 17	16 18	4 45	4 14	26 59	10 51	6 23
F 12	13 51	23 50	3 51	20 44	0s 3	16 19	1 14	15 26	1 34	13 35	0 58	21 42	0 10	18 54	0 12	4 31	1 10	2 16	16 18	4 47	4 16	27 0	10 50	6 23
S 13	13 31	19 46	2 59	20 39	0 12	15 56	1 15	15 34	1 34	13 38	0 57	21 43	0 10	18 54	0 12	4 31	1 10	2 16	16 18	4 48	4 17	27 1	10 48	6 23
S 14	13 11	14 43	1 57	20 32	0 21	15 33	1 16	15 41	1 33	13 40	0 57	21 43	0 10	18 54	0 12	4 30	1 10	2 15	16 17	4 49	4 18	27 3	10 47	6 24
M15	12 50	8 56	0 48	20 24	0 29	15 10	1 17	15 48	1 33	13 43	0 57	21 44	0 10	18 54	0 12	4 29	1 9	2 15	16 17	4 50	4 19	27 4	10 46	6 24
T 16	12 30	2 39	0n25	20 15	0 38	14 46	1 18	15 56	1 33	13 46	0 57	21 45	0 10	18 55	0 12	4 28	1 9	2 14	16 17	4 50	4 21	27 5	10 44	6 24
W17	12 9	3n50	1 38	20 5	0 46	14 21	1 19	16 3	1 33	13 49	0 56	21 45	0 10	18 55	0 12	4 27	1 9	2 14	16 16	4 49	4 22	27 6	10 43	6 24
T 18	11 48	10 14	2 46	19 54	0 53	13 57	1 20	16 10	1 33	13 52	0 56	21 46	0 11	18 55	0 12	4 26	1 9	2 13	16 16	4 49	4 23	27 7	10 42	6 24
F 19	11 27	16 13	3 46	19 41	1 0	13 32	1 21	16 17	1 32	13 55	0 56	21 47	0 11	18 55	0 12	4 26	1 9	2 13	16 16	4 48	4 24	27 8	10 40	6 24
S 20	11 5	21 24	4 32	19 27	1 7	13 6	1 22	16 23	1 32	13 58	0 56	21 47	0 11	18 56	0 12	4 25	1 9	2 12	16 15	4 48	4 26	27 9	10 39	6 24
S 21	10 44	25 26	5 3	19 12	1 14	12 41	1 22	16 30	1 32	14 1	0 55	21 48	0 11	18 56	0 12	4 24	1 9	2 12	16 15	4 48	4 27	27 10	10 38	6 24
M22	10 22	27 56	5 16	18 55	1 20	12 14	1 23	16 36	1 31	14 4	0 55	21 49	0 11	18 56	0 12	4 23	1 9	2 11	16 15	4 48	4 28	27 12	10 36	6 24
T 23	10 0	28 36	5 9	18 37	1 26	11 48	1 24	16 43	1 31	14 7	0 55	21 49	0 11	18 56	0 12	4 22	1 9	2 11	16 14	4 48	4 29	27 13	10 35	6 24
W24	9 38	27 22	4 43	18 18	1 32	11 21	1 24	16 49	1 31	14 11	0 55	21 50	0 11	18 57	0 12	4 21	1 9	2 10	16 14	4 49	4 31	27 14	10 34	6 24
T 25	9 16	24 23	4 0	17 58	1 37	10 54	1 25	16 55	1 30	14 14	0 55	21 50	0 11	18 57	0 12	4 20	1 9	2 9	16 14	4 49	4 32	27 15	10 32	6 25
F 26	8 54	19 57	3 2	17 36	1 42	10 27	1 25	17 1	1 30	14 17	0 54	21 51	0 11	18 57	0 12	4 19	1 9	2 9	16 13	4 50	4 33	27 16	10 31	6 25
S 27	8 31	14 30	1 55	17 13	1 47	9 59	1 25	17 7	1 30	14 20	0 54	21 51	0 11	18 58	0 12	4 19	1 9	2 8	16 13	4 50	4 34	27 17	10 30	6 25
S 28	8s 9	8n25	0n42	16s49	1s51	9s31	1s26	17s13	1n29	14n23	0s54	21n52	0n11	18n58	0s12	4s18	1s 9	2s 8	16s13	4s51	4s36	27s18	10s28	6n25

Julian Day Number = 2399711.5, Delta T = 9.48 sec
Ecliptic obliquity = 23°27'37, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°45'31, Lahiri = 21°52'31

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ASTRODIENST EPHEMERIS for the year 1858
geocentric

MARCH 1858 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 34 2	10♓ 9'03	23♍30	20♒49	10♓15	23♏51	11♉30	21°R52	25♉32	21♓54	4♉57	17°D45	18♓21	12♐ 0	14♒ 8	M 1
T 2	10 37 58	11° 9'10	6♎33	22°22	11°30	24°13	11°40	21♋50	25°34	21°56	4°58	17♓46	18°18	12° 6	14°13	T 2
W 3	10 41 55	12° 9'16	19°17	23°56	12°45	24°34	11°51	21°48	25°35	21°58	4°59	17°46	18°14	12°13	14°17	W 3
T 4	10 45 52	13° 9'21	1♏45	25°32	14° 0	24°55	12° 1	21°46	25°37	22° 0	5° 0	17°47	18°11	12°20	14°21	T 4
F 5	10 49 48	14° 9'23	13°58	27° 8	15°15	25°15	12°11	21°44	25°38	22° 3	5° 1	17°47	18° 8	12°26	14°25	F 5
S 6	10 53 45	15° 9'24	26° 0	28°46	16°30	25°35	12°22	21°42	25°40	22° 5	5° 2	17°48	18° 5	12°33	14°30	S 6
S 7	10 57 41	16° 9'24	7♐55	0♓25	17°45	25°55	12°33	21°40	25°41	22° 7	5° 3	17°48	18° 2	12°40	14°34	S 7
M 8	11 1 38	17° 9'22	19°48	2° 5	19° 0	26°14	12°43	21°38	25°43	22° 9	5° 4	17°R48	17°59	12°47	14°38	M 8
T 9	11 5 34	18° 9'18	1♑43	3°46	20°14	26°33	12°54	21°36	25°45	22°12	5° 5	17°D48	17°55	12°53	14°42	T 9
W10	11 9 31	19° 9'13	13°45	5°28	21°29	26°51	13° 5	21°35	25°47	22°14	5° 6	17°48	17°52	13° 0	14°46	W10
T 11	11 13 27	20° 9'05	25°58	7°11	22°44	27° 9	13°16	21°33	25°48	22°16	5° 7	17°48	17°49	13° 7	14°50	T 11
F 12	11 17 24	21° 8'56	8♒26	8°56	23°59	27°27	13°28	21°32	25°50	22°19	5° 8	17°48	17°46	13°14	14°54	F 12
S 13	11 21 21	22° 8'46	21°12	10°41	25°14	27°44	13°39	21°31	25°52	22°21	5° 9	17°49	17°43	13°20	14°58	S 13
S 14	11 25 17	23° 8'33	4♓17	12°28	26°28	28° 1	13°50	21°30	25°54	22°23	5°10	17°49	17°39	13°27	15° 2	S 14
M15	11 29 14	24° 8'19	17°42	14°16	27°43	28°17	14° 2	21°29	25°56	22°25	5°11	17°R49	17°36	13°34	15° 6	M15
T 16	11 33 10	25° 8'02	1♈25	16° 5	28°58	28°33	14°13	21°28	25°58	22°28	5°12	17°49	17°33	13°40	15°10	T 16
W17	11 37 7	26° 7'44	15°24	17°56	0♈13	28°49	14°25	21°27	26° 0	22°30	5°13	17°48	17°30	13°47	15°14	W17
T 18	11 41 3	27° 7'23	29°35	19°48	1°27	29° 4	14°37	21°26	26° 2	22°32	5°14	17°47	17°27	13°54	15°17	T 18
F 19	11 45 0	28° 7'00	13♉54	21°40	2°42	29°18	14°48	21°26	26° 5	22°34	5°15	17°46	17°24	14° 1	15°21	F 19
S 20	11 48 56	29° 6'35	28°15	23°35	3°57	29°32	15° 0	21°25	26° 7	22°37	5°17	17°45	17°20	14° 7	15°25	S 20
S 21	11 52 53	0♈ 6'08	12♊36	25°30	5°11	29°45	15°12	21°25	26° 9	22°39	5°18	17°44	17°17	14°14	15°28	S 21
M22	11 56 50	1° 5'39	26°51	27°27	6°26	29°58	15°24	21°25	26°11	22°41	5°19	17°D43	17°14	14°21	15°32	M22
T 23	12 0 46	2° 5'07	10♋59	29°24	7°40	0♐11	15°36	21°D25	26°14	22°44	5°20	17°44	17°11	14°28	15°36	T 23
W24	12 4 43	3° 4'33	24°58	1♈23	8°55	0°22	15°49	21°25	26°16	22°46	5°21	17°44	17° 8	14°34	15°39	W24
T 25	12 8 39	4° 3'56	8♌47	3°23	10°10	0°34	16° 1	21°25	26°19	22°48	5°22	17°46	17° 5	14°41	15°43	T 25
F 26	12 12 36	5° 3'17	22°24	5°24	11°24	0°44	16°13	21°25	26°21	22°50	5°24	17°47	17° 1	14°48	15°46	F 26
S 27	12 16 32	6° 2'36	5♍49	7°25	12°39	0°54	16°26	21°25	26°23	22°53	5°25	17°48	16°58	14°54	15°49	S 27
S 28	12 20 29	7° 1'53	19° 2	9°28	13°53	1° 4	16°38	21°26	26°26	22°55	5°26	17°R48	16°55	15° 1	15°53	S 28
M29	12 24 25	8° 1'07	2♎ 2	11°30	15° 8	1°13	16°51	21°26	26°29	22°57	5°27	17°48	16°52	15° 8	15°56	M29
T 30	12 28 22	9° 0'20	14°49	13°34	16°22	1°21	17° 3	21°27	26°31	22°59	5°28	17°46	16°49	15°15	15°59	T 30
W31	12 32 19	9♈59'30	27♎22	15♈37	17♈36	1♐29	17♉16	21♋28	26♉34	23♓ 1	5♉30	17♓43	16♓45	15♐21	16♒ 3	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s46	2n 6	0s32	16s23	1s55	9s 3	1s26	17s19	1n29	14n27	0s54	21n52	0n12	18n58	0s12	4s17	1s 9	2s 7	16s13	4s51	4s37	27s19	10s27	6n25
T 2	7 23	4s10	1 42	15 56	1 59	8 35	1 26	17 25	1 28	14 30	0 53	21 53	0 12	18 59	0 12	4 16	1 9	2 7	16 12	4 50	4 38	27 20	10 26	6 25
W 3	7 0	10 7	2 46	15 28	2 2	8 6	1 26	17 30	1 28	14 33	0 53	21 53	0 12	18 59	0 12	4 15	1 9	2 6	16 12	4 50	4 39	27 21	10 24	6 25
T 4	6 37	15 32	3 40	14 58	2 4	7 37	1 26	17 36	1 28	14 37	0 53	21 54	0 12	18 59	0 12	4 14	1 9	2 6	16 12	4 50	4 40	27 22	10 23	6 26
F 5	6 14	20 14	4 24	14 28	2 7	7 8	1 26	17 41	1 27	14 40	0 53	21 54	0 12	19 0	0 12	4 13	1 9	2 5	16 11	4 50	4 42	27 23	10 22	6 26
S 6	5 51	24 2	4 54	13 55	2 9	6 39	1 26	17 46	1 27	14 44	0 53	21 54	0 12	19 0	0 12	4 12	1 9	2 5	16 11	4 50	4 43	27 24	10 20	6 26
S 7	5 28	26 47	5 12	13 22	2 10	6 10	1 26	17 51	1 26	14 47	0 52	21 55	0 12	19 0	0 12	4 12	1 9	2 4	16 11	4 50	4 44	27 25	10 19	6 26
M 8	5 5	28 20	5 17	12 47	2 11	5 40	1 26	17 56	1 25	14 50	0 52	21 55	0 12	19 1	0 12	4 11	1 9	2 4	16 11	4 50	4 45	27 26	10 17	6 26
T 9	4 41	28 35	5 8	12 11	2 12	5 11	1 25	18 1	1 25	14 54	0 52	21 56	0 12	19 1	0 12	4 10	1 9	2 3	16 10	4 50	4 47	27 27	10 16	6 27
W10	4 18	27 29	4 45	11 34	2 12	4 41	1 25	18 6	1 24	14 57	0 52	21 56	0 12	19 2	0 12	4 9	1 9	2 2	16 10	4 50	4 48	27 28	10 15	6 27
T 11	3 54	25 3	4 9	10 55	2 12	4 11	1 25	18 11	1 24	15 1	0 52	21 56	0 12	19 2	0 12	4 8	1 9	2 2	16 10	4 50	4 49	27 29	10 13	6 27
F 12	3 31	21 24	3 21	10 16	2 11	3 41	1 24	18 16	1 23	15 4	0 51	21 56	0 12	19 3	0 12	4 7	1 9	2 1	16 10	4 49	4 50	27 30	10 12	6 27
S 13	3 7	16 41	2 22	9 34	2 10	3 11	1 24	18 20	1 22	15 8	0 51	21 57	0 13	19 3	0 12	4 6	1 9	2 1	16 9	4 49	4 52	27 31	10 11	6 27
S 14	2 43	11 6	1 14	8 52	2 9	2 40	1 23	18 24	1 22	15 12	0 51	21 57	0 13	19 4	0 12	4 5	1 9	2 0	16 9	4 49	4 53	27 32	10 9	6 28
M15	2 20	4 52	0 1	8 9	2 7	2 10	1 22	18 29	1 21	15 15	0 51	21 57	0 13	19 4	0 12	4 4	1 9	2 0	16 9	4 49	4 54	27 32	10 8	6 28
T 16	1 56	1n42	1n15	7 24	2 4	1 40	1 22	18 33	1 20	15 19	0 51	21 57	0 13	19 5	0 12	4 3	1 9	1 59	16 9	4 49	4 55	27 33	10 7	6 28
W17	1 32	8 20	2 27	6 38	2 1	1 9	1 21	18 37	1 20	15 22	0 51	21 58	0 13	19 5	0 12	4 3	1 10	1 59	16 8	4 49	4 57	27 34	10 5	6 28
T 18	1 9	14 38	3 31	5 51	1 57	0 39	1 20	18 41	1 19	15 26	0 50	21 58	0 13	19 6	0 12	4 2	1 10	1 58	16 8	4 50	4 58	27 35	10 4	6 29
F 19	0 45	20 12	4 23	5 2	1 53	0 8	1 19	18 45	1 18	15 30	0 50	21 58	0 13	19 6	0 12	4 1	1 10	1 57	16 8	4 50	4 59	27 36	10 3	6 29
S 20	0 21	24 38	4 58	4 13	1 49	0n23	1 18	18 49	1 17	15 33	0 50	21 58	0 13	19 7	0 11	4 0	1 10	1 57	16 8	4 51	5 0	27 37	10 1	6 29
S 21	0n 2	27 32	5 15	3 22	1 44	0 53	1 17	18 52	1 16	15 37	0 50	21 58	0 13	19 7	0 11	3 59	1 10	1 56	16 8	4 51	5 2	27 38	10 0	6 29
M22	0 26	28 37	5 12	2 31	1 38	1 24	1 16	18 56	1 15	15 41	0 50	21 58	0 13	19 8	0 11	3 58	1 10	1 56	16 7	4 51	5 3	27 39	9 59	6 30
T 23	0 50	27 50	4 50	1 38	1 32	1 54	1 15	18 59	1 15	15 44	0 49	21 58	0 13	19 8	0 11	3 57	1 10	1 55	16 7	4 51	5 4	27 39	9 58	6 30
W24	1 13	25 17	4 12	0 45	1 25	2 25	1 14	19 3	1 14	15 48	0 49	21 59	0 13	19 9	0 11	3 56	1 10	1 55	16 7	4 51	5 5	27 40	9 56	6 30
T 25	1 37	21 17	3 19	0n 9	1 18	2 55	1 12	19 6	1 13	15 52	0 49	21 59	0 13	19 10	0 11	3 56	1 10	1 54	16 7	4 51	5 7	27 41	9 55	6 30
F 26	2 1	16 12	2 16	1 4	1 10	3 26	1 11	19 9	1 12	15 55	0 49	21 59	0 14	19 10	0 11	3 55	1 10	1 54	16 7	4 50	5 8	27 42	9 54	6 31
S 27	2 24	10 24	1 6	2 0	1 2	3 56	1 10	19 12	1 11	15 59	0 49	21 59	0 14	19 11	0 11	3 54	1 10	1 53	16 6	4 50	5 9	27 43	9 53	6 31
S 28	2 48	4 14	0s 7	2 56	0 53	4 26	1 8	19 15	1 9	16 3	0 49	21 59	0 14	19 11	0 11	3 53	1 10	1 52	16 6	4 50	5 10	27 44	9 51	6 31
M29	3 11	2s 0	1 18	3 53	0 44	4 56	1 7	19 18	1 8	16 7	0 48	21 59	0 14	19 12	0 11	3 52	1 10	1 52	16 6	4 50	5 11	27 44	9 50	6 32
T 30	3 34	8 2	2 23	4 50	0 34	5 26	1 5	19 21	1 7	16 10	0 48	21 59	0 14	19 13	0 11	3 51	1 10	1 51	16 6	4 50	5 13	27 45	9 49	6 32
W31	3n58	13s40	3s21	5n47	0s24	5n56	1s 4	19s24	1n 6	16n14	0s48	21n59	0n14	19n13	0s11	3s50	1s10	1s51	16s 6	4s51	5s14	27s46	9s48	6n32

Julian Day Number = 2399739.5, Delta T = 9.45 sec
Ecliptic obliquity = 23°27'37, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°45'35, Lahiri = 21°52'35

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ASTRODIENST EPHEMERIS for the year 1858
geocentric

APRIL 1858 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 36 15	10♈58'38	9♏43	17♈41	18♈51	1♐36	17♉29	21♋29	26♉36	23♓ 4	5♉31	17°R39	16♓42	15♐28	16♒ 6	T 1
F 2	12 40 12	11°57'45	21°53	19°44	20° 5	1°43	17°41	21°30	26°39	23° 6	5°32	17♓35	16°39	15°35	16° 9	F 2
S 3	12 44 8	12°56'50	3♐55	21°46	21°19	1°49	17°54	21°31	26°42	23° 8	5°33	17°31	16°36	15°41	16°12	S 3
S 4	12 48 5	13°55'53	15°50	23°48	22°34	1°54	18° 7	21°32	26°45	23°10	5°35	17°28	16°33	15°48	16°15	S 4
M 5	12 52 1	14°54'54	27°42	25°48	23°48	1°58	18°20	21°33	26°47	23°12	5°36	17°25	16°30	15°55	16°18	M 5
T 6	12 55 58	15°53'53	9♑37	27°47	25° 2	2° 2	18°33	21°35	26°50	23°14	5°37	17°24	16°26	16° 2	16°21	T 6
W 7	12 59 54	16°52'51	21°37	29°44	26°17	2° 5	18°46	21°36	26°53	23°17	5°39	17°D24	16°23	16° 8	16°24	W 7
T 8	13 3 51	17°51'47	3♒49	1♉38	27°31	2° 8	18°59	21°38	26°56	23°19	5°40	17°25	16°20	16°15	16°26	T 8
F 9	13 7 48	18°50'41	16°16	3°29	28°45	2°10	19°12	21°40	26°59	23°21	5°41	17°26	16°17	16°22	16°29	F 9
S 10	13 11 44	19°49'33	29° 3	5°18	29°59	2°11	19°26	21°42	27° 2	23°23	5°43	17°28	16°14	16°29	16°32	S 10
S 11	13 15 41	20°48'23	12♓14	7° 3	1♉13	2°R11	19°39	21°43	27° 5	23°25	5°44	17°R29	16°10	16°35	16°35	S 11
M12	13 19 37	21°47'12	25°49	8°44	2°28	2°10	19°52	21°46	27° 8	23°27	5°45	17°29	16° 7	16°42	16°37	M12
T 13	13 23 34	22°45'59	9♈49	10°22	3°42	2° 9	20° 6	21°48	27°11	23°29	5°47	17°27	16° 4	16°49	16°40	T 13
W14	13 27 30	23°44'44	24°10	11°55	4°56	2° 7	20°19	21°50	27°14	23°31	5°48	17°24	16° 1	16°55	16°42	W14
T 15	13 31 27	24°43'27	8♉48	13°24	6°10	2° 4	20°32	21°52	27°17	23°33	5°49	17°19	15°58	17° 2	16°44	T 15
F 16	13 35 23	25°42'08	23°34	14°48	7°24	2° 1	20°46	21°55	27°20	23°35	5°51	17°13	15°55	17° 9	16°47	F 16
S 17	13 39 20	26°40'47	8♊23	16° 7	8°38	1°56	20°59	21°57	27°23	23°37	5°52	17° 7	15°51	17°16	16°49	S 17
S 18	13 43 17	27°39'23	23° 5	17°22	9°52	1°51	21°13	22° 0	27°26	23°39	5°53	17° 2	15°48	17°22	16°51	S 18
M19	13 47 13	28°37'58	7♋34	18°31	11° 6	1°46	21°27	22° 3	27°29	23°41	5°55	16°59	15°45	17°29	16°54	M19
T 20	13 51 10	29°36'31	21°47	19°35	12°20	1°39	21°40	22° 6	27°32	23°43	5°56	16°57	15°42	17°36	16°56	T 20
W21	13 55 6	0♉35'01	5♌42	20°34	13°34	1°32	21°54	22° 9	27°36	23°45	5°57	16°D57	15°39	17°43	16°58	W21
T 22	13 59 3	1°33'29	19°19	21°27	14°48	1°24	22° 8	22°12	27°39	23°47	5°59	16°58	15°36	17°49	17° 0	T 22
F 23	14 2 59	2°31'54	2♍38	22°15	16° 2	1°15	22°21	22°15	27°42	23°49	6° 0	16°59	15°32	17°56	17° 2	F 23
S 24	14 6 56	3°30'18	15°43	22°57	17°16	1° 5	22°35	22°18	27°45	23°51	6° 2	17°R 0	15°29	18° 3	17° 4	S 24
S 25	14 10 52	4°28'39	28°33	23°34	18°29	0°55	22°49	22°22	27°49	23°52	6° 3	16°59	15°26	18° 9	17° 5	S 25
M26	14 14 49	5°26'59	11♎13	24° 5	19°43	0°44	23° 3	22°25	27°52	23°54	6° 4	16°56	15°23	18°16	17° 7	M26
T 27	14 18 45	6°25'16	23°41	24°30	20°57	0°32	23°17	22°29	27°55	23°56	6° 6	16°51	15°20	18°23	17° 9	T 27
W28	14 22 42	7°23'32	6♏ 1	24°50	22°11	0°19	23°30	22°32	27°59	23°58	6° 7	16°44	15°16	18°30	17°10	W28
T 29	14 26 39	8°21'46	18°12	25° 4	23°24	0° 6	23°44	22°36	28° 2	24° 0	6° 8	16°35	15°13	18°36	17°12	T 29
F 30	14 30 35	9♉19'59	0♐15	25♉13	24♉38	29♏52	23♉58	22♋40	28♉ 5	24♓ 1	6♉10	16♓25	15♓10	18♐43	17♒14	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n21	18s39	4s 8	6n44	0s13	6n26	1s 2	19s27	1n 5	16n18	0s48	21n58	0n14	19n14	0s11	3s49	1s10	1s50	16s 6	4s53	5s15	27s47	9s46	6n33
F 2	4 44	22 48	4 42	7 41	0 3	6 56	1 0	19 29	1 3	16 21	0 48	21 58	0 14	19 14	0 11	3 49	1 10	1 50	16 5	4 54	5 16	27 48	9 45	6 33
S 3	5 7	25 56	5 4	8 37	0n 8	7 25	0 59	19 32	1 2	16 25	0 48	21 58	0 14	19 15	0 11	3 48	1 10	1 49	16 5	4 56	5 18	27 48	9 44	6 33
S 4	5 30	27 54	5 13	9 33	0 20	7 54	0 57	19 34	1 1	16 29	0 48	21 58	0 14	19 16	0 11	3 47	1 10	1 49	16 5	4 57	5 19	27 49	9 43	6 34
M 5	5 53	28 35	5 8	10 28	0 31	8 24	0 55	19 36	0 59	16 33	0 47	21 58	0 14	19 16	0 11	3 46	1 10	1 48	16 5	4 58	5 20	27 50	9 42	6 34
T 6	6 16	27 56	4 50	11 21	0 42	8 53	0 53	19 38	0 58	16 36	0 47	21 58	0 14	19 17	0 11	3 45	1 10	1 48	16 5	4 59	5 21	27 51	9 40	6 34
W 7	6 38	25 59	4 19	12 14	0 54	9 21	0 51	19 41	0 56	16 40	0 47	21 58	0 14	19 18	0 11	3 44	1 10	1 47	16 5	4 59	5 23	27 51	9 39	6 35
T 8	7 1	22 49	3 36	13 4	1 5	9 50	0 49	19 42	0 55	16 44	0 47	21 58	0 14	19 18	0 11	3 44	1 10	1 47	16 5	4 59	5 24	27 52	9 38	6 35
F 9	7 23	18 33	2 42	13 53	1 16	10 18	0 47	19 44	0 53	16 47	0 47	21 57	0 15	19 19	0 11	3 43	1 10	1 46	16 4	4 58	5 25	27 53	9 37	6 35
S 10	7 46	13 21	1 39	14 40	1 27	10 46	0 45	19 46	0 52	16 51	0 47	21 57	0 15	19 20	0 11	3 42	1 10	1 45	16 4	4 57	5 26	27 53	9 36	6 36
S 11	8 8	7 25	0 29	15 25	1 38	11 14	0 43	19 48	0 50	16 55	0 47	21 57	0 15	19 21	0 11	3 41	1 10	1 45	16 4	4 57	5 28	27 54	9 35	6 36
M12	8 30	0 58	0n45	16 8	1 48	11 42	0 41	19 49	0 48	16 59	0 46	21 57	0 15	19 21	0 11	3 40	1 10	1 44	16 4	4 57	5 29	27 55	9 34	6 36
T 13	8 52	5n42	1 59	16 48	1 57	12 9	0 39	19 51	0 47	17 2	0 46	21 56	0 15	19 22	0 11	3 40	1 10	1 44	16 4	4 58	5 30	27 55	9 33	6 37
W14	9 13	12 16	3 6	17 25	2 6	12 36	0 37	19 52	0 45	17 6	0 46	21 56	0 15	19 23	0 11	3 39	1 10	1 43	16 4	4 59	5 31	27 56	9 31	6 37
T 15	9 35	18 16	4 3	18 1	2 14	13 3	0 35	19 53	0 43	17 10	0 46	21 56	0 15	19 23	0 11	3 38	1 10	1 43	16 4	5 1	5 32	27 57	9 30	6 38
F 16	9 57	23 16	4 44	18 33	2 22	13 29	0 32	19 55	0 41	17 13	0 46	21 55	0 15	19 24	0 11	3 37	1 10	1 42	16 4	5 3	5 34	27 57	9 29	6 38
S 17	10 18	26 45	5 6	19 3	2 29	13 55	0 30	19 56	0 39	17 17	0 46	21 55	0 15	19 25	0 11	3 37	1 10	1 42	16 4	5 5	5 35	27 58	9 28	6 38
S 18	10 39	28 24	5 8	19 30	2 35	14 21	0 28	19 57	0 37	17 21	0 46	21 55	0 15	19 25	0 11	3 36	1 10	1 41	16 4	5 7	5 36	27 59	9 27	6 39
M19	11 0	28 4	4 50	19 54	2 40	14 46	0 25	19 57	0 35	17 24	0 45	21 54	0 15	19 26	0 11	3 35	1 10	1 41	16 4	5 9	5 37	27 59	9 26	6 39
T 20	11 21	25 53	4 14	20 16	2 44	15 11	0 23	19 58	0 33	17 28	0 45	21 54	0 15	19 27	0 11	3 34	1 10	1 41	16 4	5 9	5 39	28 0	9 25	6 39
W21	11 41	22 10	3 25	20 35	2 47	15 36	0 21	19 59	0 31	17 32	0 45	21 53	0 15	19 28	0 11	3 34	1 10	1 40	16 3	5 10	5 40	28 1	9 24	6 40
T 22	12 2	17 19	2 24	20 51	2 49	16 0	0 18	19 59	0 29	17 35	0 45	21 53	0 15	19 28	0 11	3 33	1 10	1 40	16 3	5 9	5 41	28 1	9 23	6 40
F 23	12 22	11 44	1 17	21 5	2 50	16 24	0 16	20 0	0 26	17 39	0 45	21 53	0 16	19 29	0 11	3 32	1 10	1 39	16 3	5 9	5 42	28 2	9 22	6 41
S 24	12 42	5 45	0 7	21 16	2 50	16 47	0 14	20 0	0 24	17 43	0 45	21 52	0 16	19 30	0 11	3 31	1 10	1 39	16 3	5 8	5 44	28 2	9 21	6 41
S 25	13 1	0s22	1s 2	21 24	2 48	17 10	0 11	20 0	0 22	17 46	0 45	21 52	0 16	19 31	0 11	3 31	1 10	1 38	16 3	5 9	5 45	28 3	9 20	6 41
M26	13 21	6 23	2 7	21 29	2 46	17 33	0 9	20 0	0 19	17 50	0 45	21 51	0 16	19 31	0 11	3 30	1 10	1 38	16 3	5 10	5 46	28 4	9 20	6 42
T 27	13 40	12 3	3 4	21 32	2 42	17 55	0 6	20 0	0 17	17 53	0 45	21 51	0 16	19 32	0 11	3 29	1 10	1 37	16 3	5 12	5 47	28 4	9 19	6 42
W28	13 59	17 11	3 52	21 32	2 37	18 16	0 4	20 0	0 14	17 57	0 44	21 50	0 16	19 33	0 11	3 29	1 10	1 37	16 3	5 14	5 48	28 5	9 18	6 43
T 29	14 18	21 34	4 29	21 30	2 31	18 37	0 1	20 0	0 12	18 1	0 44	21 50	0 16	19 34	0 11	3 28	1 10	1 36	16 3	5 18	5 50	28 5	9 17	6 43
F 30	14n37	25s 0	4s53	21n25	2n24	18n58	0n 1	19s59	0n 9	18n 4	0s44	21n49	0n16	19n34	0s11	3s27	1s11	1s36	16s 3	5s22	5s51	28s 6	9s16	6n44

Julian Day Number = 2399770.5, Delta T = 9.43 sec
Ecliptic obliquity = 23°27'37, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°45'39, Lahiri = 21°52'39

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ASTRODIENST EPHEMERIS for the year 1858
geocentric

MAY 1858 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 34 32	10♉18'09	12♐13	25°R16	25♉52	29°R38	24♉12	22♋44	28♉ 9	24♓ 3	6♉11	16°R15	15♓ 7	18♐50	17♒15	S 1
S 2	14 38 28	11°16'18	24° 7	25♉14	27° 6	29♏23	24°26	22°48	28°12	24° 5	6°13	16♓ 6	15° 4	18°56	17°16	S 2
M 3	14 42 25	12°14'26	5♑58	25° 7	28°19	29° 7	24°40	22°52	28°15	24° 6	6°14	15°59	15° 1	19° 3	17°18	M 3
T 4	14 46 21	13°12'32	17°52	24°55	29°33	28°51	24°54	22°56	28°19	24° 8	6°15	15°53	14°57	19°10	17°19	T 4
W 5	14 50 18	14°10'37	29°51	24°39	0♊46	28°34	25° 8	23° 0	28°22	24°10	6°17	15°50	14°54	19°17	17°20	W 5
T 6	14 54 15	15° 8'40	12♒ 0	24°18	2° 0	28°16	25°22	23° 5	28°26	24°11	6°18	15°D49	14°51	19°23	17°21	T 6
F 7	14 58 11	16° 6'42	24°24	23°54	3°13	27°58	25°36	23° 9	28°29	24°13	6°19	15°49	14°48	19°30	17°22	F 7
S 8	15 2 8	17° 4'42	7♓ 8	23°26	4°27	27°39	25°50	23°14	28°33	24°14	6°21	15°50	14°45	19°37	17°23	S 8
S 9	15 6 4	18° 2'42	20°16	22°56	5°40	27°20	26° 4	23°18	28°36	24°16	6°22	15°R50	14°42	19°44	17°24	S 9
M10	15 10 1	19° 0'39	3♈51	22°23	6°54	27° 1	26°18	23°23	28°39	24°17	6°23	15°48	14°38	19°50	17°25	M10
T 11	15 13 57	19°58'36	17°56	21°49	8° 7	26°41	26°33	23°28	28°43	24°19	6°25	15°45	14°35	19°57	17°26	T 11
W12	15 17 54	20°56'31	2♉27	21°14	9°21	26°21	26°47	23°32	28°46	24°20	6°26	15°39	14°32	20° 4	17°27	W12
T 13	15 21 50	21°54'25	17°20	20°38	10°34	26° 0	27° 1	23°37	28°50	24°22	6°27	15°30	14°29	20°10	17°27	T 13
F 14	15 25 47	22°52'17	2♊27	20° 2	11°48	25°39	27°15	23°42	28°53	24°23	6°29	15°21	14°26	20°17	17°28	F 14
S 15	15 29 44	23°50'08	17°37	19°28	13° 1	25°18	27°29	23°47	28°57	24°25	6°30	15°11	14°22	20°24	17°28	S 15
S 16	15 33 40	24°47'58	2♋40	18°55	14°14	24°57	27°43	23°53	29° 0	24°26	6°31	15° 2	14°19	20°31	17°29	S 16
M17	15 37 37	25°45'46	17°28	18°23	15°28	24°36	27°57	23°58	29° 4	24°27	6°33	14°55	14°16	20°37	17°29	M17
T 18	15 41 33	26°43'32	1♌54	17°55	16°41	24°15	28°11	24° 3	29° 7	24°29	6°34	14°51	14°13	20°44	17°30	T 18
W19	15 45 30	27°41'16	15°55	17°29	17°54	23°53	28°26	24° 9	29°11	24°30	6°35	14°49	14°10	20°51	17°30	W19
T 20	15 49 26	28°38'59	29°31	17° 6	19° 7	23°32	28°40	24°14	29°14	24°31	6°37	14°D48	14° 7	20°57	17°30	T 20
F 21	15 53 23	29°36'40	12♍44	16°48	20°21	23°11	28°54	24°19	29°18	24°32	6°38	14°R48	14° 3	21° 4	17°30	F 21
S 22	15 57 19	0♊34'19	25°38	16°33	21°34	22°50	29° 8	24°25	29°21	24°33	6°39	14°48	14° 0	21°11	17°30	S 22
S 23	16 1 16	1°31'57	8♎16	16°22	22°47	22°29	29°22	24°31	29°25	24°35	6°40	14°46	13°57	21°18	17°R30	S 23
M24	16 5 13	2°29'34	20°41	16°15	24° 0	22° 8	29°36	24°36	29°28	24°36	6°42	14°42	13°54	21°24	17°30	M24
T 25	16 9 9	3°27'09	2♏56	16°D13	25°13	21°47	29°50	24°42	29°32	24°37	6°43	14°34	13°51	21°31	17°30	T 25
W26	16 13 6	4°24'43	15° 3	16°16	26°26	21°27	0♊ 4	24°48	29°35	24°38	6°44	14°24	13°48	21°38	17°30	W26
T 27	16 17 2	5°22'15	27° 5	16°23	27°39	21° 7	0°18	24°54	29°39	24°39	6°45	14°12	13°44	21°45	17°30	T 27
F 28	16 20 59	6°19'47	9♐ 2	16°34	28°52	20°47	0°32	25° 0	29°42	24°40	6°47	13°59	13°41	21°51	17°29	F 28
S 29	16 24 55	7°17'17	20°56	16°50	0♋ 5	20°28	0°46	25° 6	29°46	24°41	6°48	13°45	13°38	21°58	17°29	S 29
S 30	16 28 52	8°14'47	2♑48	17°10	1°18	20° 9	1° 1	25°12	29°49	24°42	6°49	13°32	13°35	22° 5	17°29	S 30
M31	16 32 48	9♊12'15	14♑40	17♉35	2♋31	19♏51	1♊15	25♋18	29♉53	24♓43	6♉50	13♓21	13♓32	22♐11	17♒28	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n55	27s18	5s 4	21n17	2n15	19n18	0n 4	19s59	0n 7	18n 8	0s44	21n48	0n16	19n35	0s11	3s27	1s11	1s36	16s 3	5s26	5s52	28s 6	9s15	6n44
S 2	15 13	28 21	5 2	21 7	2 6	19 38	0 6	19 58	0 4	18 11	0 44	21 48	0 16	19 36	0 11	3 26	1 11	1 35	16 3	5 29	5 53	28 7	9 14	6 44
M 3	15 31	28 6	4 47	20 55	1 55	19 57	0 9	19 57	0 1	18 15	0 44	21 47	0 16	19 37	0 11	3 25	1 11	1 35	16 3	5 32	5 55	28 7	9 14	6 45
T 4	15 49	26 33	4 19	20 40	1 42	20 16	0 12	19 56	0s 1	18 18	0 44	21 47	0 16	19 38	0 11	3 25	1 11	1 34	16 3	5 34	5 56	28 8	9 13	6 45
W 5	16 6	23 47	3 40	20 24	1 29	20 34	0 14	19 55	0 4	18 22	0 44	21 46	0 16	19 38	0 11	3 24	1 11	1 34	16 3	5 36	5 57	28 8	9 12	6 46
T 6	16 24	19 56	2 50	20 5	1 15	20 51	0 17	19 54	0 7	18 25	0 44	21 45	0 16	19 39	0 11	3 24	1 11	1 34	16 3	5 36	5 58	28 9	9 11	6 46
F 7	16 40	15 10	1 52	19 44	1 0	21 8	0 19	19 53	0 10	18 28	0 44	21 45	0 16	19 40	0 11	3 23	1 11	1 33	16 3	5 36	6 0	28 9	9 11	6 46
S 8	16 57	9 37	0 46	19 22	0 44	21 24	0 22	19 52	0 13	18 32	0 43	21 44	0 17	19 41	0 11	3 22	1 11	1 33	16 3	5 36	6 1	28 10	9 10	6 47
S 9	17 13	3 30	0n24	18 58	0 28	21 40	0 24	19 50	0 16	18 35	0 43	21 43	0 17	19 41	0 11	3 22	1 11	1 32	16 3	5 36	6 2	28 10	9 9	6 47
M10	17 29	2n59	1 35	18 34	0 11	21 55	0 27	19 48	0 18	18 39	0 43	21 42	0 17	19 42	0 11	3 21	1 11	1 32	16 4	5 36	6 3	28 11	9 9	6 48
T 11	17 45	9 32	2 42	18 8	0s 6	22 10	0 29	19 47	0 21	18 42	0 43	21 42	0 17	19 43	0 11	3 21	1 11	1 32	16 4	5 38	6 4	28 11	9 8	6 48
W12	18 0	15 47	3 41	17 42	0 24	22 24	0 32	19 45	0 24	18 45	0 43	21 41	0 17	19 44	0 11	3 20	1 11	1 31	16 4	5 40	6 6	28 12	9 7	6 49
T 13	18 16	21 17	4 27	17 16	0 41	22 37	0 34	19 43	0 27	18 49	0 43	21 40	0 17	19 44	0 11	3 20	1 11	1 31	16 4	5 43	6 7	28 12	9 7	6 49
F 14	18 30	25 29	4 55	16 49	0 59	22 50	0 37	19 41	0 30	18 52	0 43	21 39	0 17	19 45	0 11	3 19	1 11	1 31	16 4	5 47	6 8	28 13	9 6	6 49
S 15	18 45	27 54	5 2	16 24	1 16	23 2	0 39	19 39	0 33	18 55	0 43	21 39	0 17	19 46	0 11	3 19	1 11	1 30	16 4	5 51	6 9	28 13	9 6	6 50
S 16	18 59	28 14	4 48	15 59	1 32	23 13	0 42	19 37	0 36	18 59	0 43	21 38	0 17	19 47	0 11	3 18	1 11	1 30	16 4	5 54	6 11	28 13	9 5	6 50
M17	19 13	26 32	4 15	15 35	1 49	23 24	0 44	19 34	0 39	19 2	0 43	21 37	0 17	19 48	0 11	3 18	1 11	1 30	16 4	5 57	6 12	28 14	9 5	6 51
T 18	19 26	23 7	3 27	15 12	2 4	23 34	0 46	19 32	0 42	19 5	0 43	21 36	0 17	19 48	0 11	3 17	1 11	1 29	16 4	5 58	6 13	28 14	9 4	6 51
W19	19 40	18 25	2 27	14 51	2 18	23 43	0 49	19 30	0 45	19 8	0 42	21 35	0 17	19 49	0 11	3 17	1 11	1 29	16 4	5 59	6 14	28 15	9 4	6 52
T 20	19 53	12 54	1 20	14 32	2 32	23 52	0 51	19 27	0 48	19 11	0 42	21 34	0 17	19 50	0 11	3 16	1 11	1 29	16 4	5 59	6 15	28 15	9 3	6 52
F 21	20 5	6 57	0 11	14 14	2 44	24 0	0 53	19 25	0 51	19 15	0 42	21 33	0 17	19 51	0 11	3 16	1 11	1 28	16 4	5 59	6 17	28 15	9 3	6 53
S 22	20 17	0 52	0s57	13 59	2 56	24 7	0 56	19 22	0 54	19 18	0 42	21 32	0 17	19 51	0 11	3 15	1 11	1 28	16 4	6 0	6 18	28 16	9 2	6 53
S 23	20 29	5s 8	2 1	13 46	3 6	24 14	0 58	19 20	0 57	19 21	0 42	21 31	0 18	19 52	0 11	3 15	1 11	1 28	16 5	6 0	6 19	28 16	9 2	6 53
M24	20 41	10 49	2 57	13 35	3 16	24 19	1 0	19 17	1 0	19 24	0 42	21 31	0 18	19 53	0 11	3 15	1 12	1 28	16 5	6 2	6 20	28 16	9 1	6 54
T 25	20 52	16 1	3 45	13 27	3 24	24 25	1 2	19 15	1 3	19 27	0 42	21 30	0 18	19 54	0 11	3 14	1 12	1 27	16 5	6 5	6 22	28 17	9 1	6 54
W26	21 3	20 32	4 22	13 21	3 31	24 29	1 4	19 12	1 6	19 30	0 42	21 29	0 18	19 54	0 11	3 14	1 12	1 27	16 5	6 9	6 23	28 17	9 1	6 55
T 27	21 13	24 10	4 47	13 17	3 37	24 33	1 7	19 10	1 9	19 33	0 42	21 28	0 18	19 55	0 11	3 13	1 12	1 27	16 5	6 13	6 24	28 17	9 0	6 55
F 28	21 23	26 44	4 58	13 16	3 42	24 36	1 9	19 7	1 12	19 36	0 42	21 27	0 18	19 56	0 11	3 13	1 12	1 27	16 5	6 19	6 25	28 18	9 0	6 55
S 29	21 33	28 5	4 57	13 16	3 46	24 38	1 11	19 5	1 14	19 39	0 42	21 26	0 18	19 57	0 11	3 13	1 12	1 26	16 5	6 24	6 26	28 18	9 0	6 56
S 30	21 42	28 9	4 43	13 19	3 48	24 40	1 13	19 2	1 17	19 42	0 42	21 25	0 18	19 57	0 11	3 12	1 12	1 26	16 6	6 29	6 28	28 18	8 59	6 56
M31	21n51	26s54	4s17	13n24	3s50	24n41	1n15	19s 0	1s20	19n45	0s42	21n23	0n18	19n58	0s11	3s12	1s12	1s26	16s 6	6s33	6s29	28s18	8s59	6n57

Julian Day Number = 2399800.5, Delta T = 9.40 sec
Ecliptic obliquity = 23°27'37, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°45'43, Lahiri = 21°52'44

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ASTRODIENST EPHEMERIS for the year 1858
geocentric

JUNE 1858 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 36 45	10♊ 9'43	26♉35	18♉ 4	3♋44	19°R33	1♊29	25♋24	29♉56	24♓44	6♉51	13°R13	13♓28	22♐18	17°R27	T 1
W 2	16 40 42	11° 7'10	8♒35	18°37	4°56	19♏16	1°43	25°31	29°59	24°44	6°53	13♓ 7	13°25	22°25	17♒27	W 2
T 3	16 44 38	12° 4'36	20°44	19°14	6° 9	19° 0	1°57	25°37	0♊ 3	24°45	6°54	13° 4	13°22	22°32	17°26	T 3
F 4	16 48 35	13° 2'01	3♓ 7	19°55	7°22	18°44	2°11	25°43	0° 7	24°46	6°55	13° 3	13°19	22°38	17°25	F 4
S 5	16 52 31	13°59'26	15°48	20°40	8°35	18°28	2°25	25°50	0°10	24°47	6°56	13° 3	13°16	22°45	17°25	S 5
S 6	16 56 28	14°56'50	28°51	21°29	9°48	18°13	2°38	25°56	0°14	24°48	6°57	13° 3	13°13	22°52	17°24	S 6
M 7	17 0 24	15°54'13	12♈21	22°22	11° 0	17°59	2°52	26° 3	0°17	24°48	6°58	13° 1	13° 9	22°59	17°23	M 7
T 8	17 4 21	16°51'36	26°21	23°18	12°13	17°46	3° 6	26° 9	0°20	24°49	6°59	12°57	13° 6	23° 5	17°22	T 8
W 9	17 8 17	17°48'59	10♉49	24°18	13°26	17°33	3°20	26°16	0°24	24°50	7° 0	12°51	13° 3	23°12	17°21	W 9
T 10	17 12 14	18°46'21	25°42	25°21	14°38	17°22	3°34	26°22	0°27	24°50	7° 2	12°42	13° 0	23°19	17°19	T 10
F 11	17 16 11	19°43'42	10♊53	26°28	15°51	17°10	3°48	26°29	0°31	24°51	7° 3	12°32	12°57	23°25	17°18	F 11
S 12	17 20 7	20°41'03	26°12	27°38	17° 3	17° 0	4° 2	26°36	0°34	24°51	7° 4	12°21	12°54	23°32	17°17	S 12
S 13	17 24 4	21°38'24	11♋28	28°51	18°16	16°51	4°15	26°43	0°37	24°52	7° 5	12°11	12°50	23°39	17°16	S 13
M14	17 28 0	22°35'43	26°28	0♊ 8	19°28	16°42	4°29	26°50	0°41	24°52	7° 6	12° 3	12°47	23°46	17°14	M14
T 15	17 31 57	23°33'02	11♌ 7	1°28	20°41	16°34	4°43	26°57	0°44	24°53	7° 7	11°58	12°44	23°52	17°13	T 15
W16	17 35 53	24°30'19	25°18	2°51	21°53	16°27	4°56	27° 3	0°47	24°53	7° 8	11°55	12°41	23°59	17°11	W16
T 17	17 39 50	25°27'36	9♍ 0	4°17	23° 6	16°21	5°10	27°10	0°50	24°54	7° 9	11°D54	12°38	24° 6	17°10	T 17
F 18	17 43 46	26°24'52	22°17	5°47	24°18	16°16	5°24	27°17	0°54	24°54	7°10	11°R55	12°34	24°12	17° 8	F 18
S 19	17 47 43	27°22'07	5♎ 9	7°19	25°30	16°11	5°37	27°25	0°57	24°54	7°11	11°54	12°31	24°19	17° 6	S 19
S 20	17 51 40	28°19'22	17°43	8°55	26°43	16° 7	5°51	27°32	1° 0	24°54	7°12	11°53	12°28	24°26	17° 5	S 20
M21	17 55 36	29°16'36	0♏ 2	10°34	27°55	16° 5	6° 4	27°39	1° 3	24°55	7°12	11°49	12°25	24°33	17° 3	M21
T 22	17 59 33	0♋13'49	12° 9	12°15	29° 7	16° 3	6°18	27°46	1° 6	24°55	7°13	11°43	12°22	24°39	17° 1	T 22
W23	18 3 29	1°11'02	24°10	14° 0	0♌19	16° 1	6°31	27°53	1°10	24°55	7°14	11°34	12°19	24°46	16°59	W23
T 24	18 7 26	2° 8'14	6♐ 5	15°47	1°31	16°D 1	6°45	28° 0	1°13	24°55	7°15	11°23	12°15	24°53	16°57	T 24
F 25	18 11 22	3° 5'26	17°58	17°38	2°43	16° 2	6°58	28° 8	1°16	24°55	7°16	11°11	12°12	24°59	16°55	F 25
S 26	18 15 19	4° 2'38	29°51	19°31	3°55	16° 3	7°11	28°15	1°19	24°55	7°17	10°59	12° 9	25° 6	16°53	S 26
S 27	18 19 16	4°59'49	11♑44	21°26	5° 7	16° 5	7°24	28°22	1°22	24°56	7°18	10°47	12° 6	25°13	16°51	S 27
M28	18 23 12	5°57'01	23°40	23°24	6°19	16° 8	7°38	28°30	1°25	24°R56	7°18	10°37	12° 3	25°20	16°49	M28
T 29	18 27 9	6°54'12	5♒39	25°25	7°31	16°12	7°51	28°37	1°28	24°56	7°19	10°30	12° 0	25°26	16°47	T 29
W30	18 31 5	7♋51'23	17♒45	27♊27	8♌43	16♏16	8♊ 4	28♋44	1♊31	24♓55	7♉20	10♓25	11♓56	25♐33	16♒44	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 0	24s26	3s39	13n32	3s51	24n41	1n16	18s58	1s22	19n48	0s42	21n22	0n18	19n59	0s11	3s12	1s12	1s26	16s 6	6s36	6s30	28s19	8s59	6n57
W 2	22 8	20 53	2 51	13 41	3 51	24 40	1 18	18 55	1 25	19 51	0 41	21 21	0 18	20 0	0 11	3 11	1 12	1 26	16 6	6 38	6 31	28 19	8 59	6 58
T 3	22 16	16 25	1 55	13 52	3 50	24 39	1 20	18 53	1 28	19 54	0 41	21 20	0 18	20 0	0 11	3 11	1 12	1 25	16 6	6 39	6 33	28 19	8 59	6 58
F 4	22 23	11 11	0 52	14 5	3 48	24 37	1 22	18 51	1 30	19 56	0 41	21 19	0 18	20 1	0 11	3 11	1 12	1 25	16 6	6 40	6 34	28 19	8 58	6 58
S 5	22 30	5 23	0n15	14 19	3 45	24 34	1 24	18 49	1 33	19 59	0 41	21 18	0 18	20 2	0 11	3 11	1 12	1 25	16 7	6 40	6 35	28 20	8 58	6 59
S 6	22 37	0n48	1 22	14 35	3 41	24 31	1 25	18 47	1 35	20 2	0 41	21 17	0 18	20 3	0 11	3 10	1 12	1 25	16 7	6 40	6 36	28 20	8 58	6 59
M 7	22 43	7 10	2 28	14 53	3 37	24 27	1 27	18 46	1 37	20 5	0 41	21 16	0 19	20 3	0 11	3 10	1 12	1 25	16 7	6 41	6 37	28 20	8 58	7 0
T 8	22 49	13 24	3 27	15 12	3 32	24 22	1 28	18 44	1 40	20 7	0 41	21 15	0 19	20 4	0 11	3 10	1 12	1 24	16 7	6 42	6 39	28 20	8 58	7 0
W 9	22 54	19 7	4 15	15 32	3 26	24 16	1 30	18 43	1 42	20 10	0 41	21 13	0 19	20 5	0 11	3 10	1 12	1 24	16 7	6 45	6 40	28 21	8 58	7 0
T 10	22 59	23 51	4 47	15 53	3 20	24 10	1 31	18 42	1 44	20 13	0 41	21 12	0 19	20 5	0 11	3 10	1 12	1 24	16 7	6 48	6 41	28 21	8 58	7 1
F 11	23 4	27 3	5 0	16 15	3 13	24 3	1 33	18 40	1 46	20 15	0 41	21 11	0 19	20 6	0 11	3 9	1 12	1 24	16 8	6 52	6 42	28 21	8 58	7 1
S 12	23 8	28 16	4 52	16 39	3 5	23 55	1 34	18 39	1 48	20 18	0 41	21 10	0 19	20 7	0 11	3 9	1 12	1 24	16 8	6 56	6 44	28 21	8 58	7 1
S 13	23 12	27 19	4 23	17 3	2 57	23 47	1 35	18 39	1 50	20 21	0 41	21 8	0 19	20 8	0 11	3 9	1 12	1 24	16 8	7 0	6 45	28 21	8 58	7 2
M14	23 15	24 24	3 35	17 27	2 48	23 38	1 36	18 38	1 52	20 23	0 41	21 7	0 19	20 8	0 11	3 9	1 12	1 24	16 8	7 3	6 46	28 22	8 58	7 2
T 15	23 18	19 56	2 35	17 53	2 39	23 28	1 37	18 38	1 54	20 26	0 41	21 6	0 19	20 9	0 11	3 9	1 13	1 24	16 9	7 5	6 47	28 22	8 58	7 3
W16	23 21	14 28	1 27	18 18	2 29	23 18	1 39	18 37	1 56	20 28	0 41	21 5	0 19	20 10	0 11	3 9	1 13	1 23	16 9	7 6	6 48	28 22	8 58	7 3
T 17	23 23	8 26	0 15	18 44	2 19	23 7	1 40	18 37	1 58	20 31	0 41	21 3	0 19	20 10	0 11	3 9	1 13	1 23	16 9	7 6	6 50	28 22	8 58	7 3
F 18	23 25	2 14	0s55	19 10	2 9	22 55	1 40	18 37	2 0	20 33	0 41	21 2	0 19	20 11	0 11	3 8	1 13	1 23	16 9	7 6	6 51	28 22	8 59	7 4
S 19	23 26	3s53	2 0	19 36	1 58	22 43	1 41	18 38	2 1	20 36	0 41	21 1	0 19	20 12	0 11	3 8	1 13	1 23	16 9	7 6	6 52	28 22	8 59	7 4
S 20	23 27	9 42	2 58	20 2	1 47	22 30	1 42	18 38	2 3	20 38	0 41	20 59	0 19	20 12	0 10	3 8	1 13	1 23	16 10	7 7	6 53	28 22	8 59	7 4
M21	23 27	15 1	3 46	20 28	1 36	22 16	1 43	18 39	2 5	20 40	0 40	20 58	0 20	20 13	0 10	3 8	1 13	1 23	16 10	7 8	6 54	28 22	8 59	7 5
T 22	23 28	19 40	4 23	20 53	1 24	22 2	1 43	18 40	2 6	20 43	0 40	20 57	0 20	20 14	0 10	3 8	1 13	1 23	16 10	7 11	6 56	28 23	8 59	7 5
W23	23 27	23 28	4 48	21 18	1 13	21 47	1 44	18 41	2 8	20 45	0 40	20 55	0 20	20 14	0 10	3 8	1 13	1 23	16 10	7 14	6 57	28 23	9 0	7 5
T 24	23 27	26 16	5 0	21 41	1 1	21 32	1 44	18 42	2 9	20 47	0 40	20 54	0 20	20 15	0 10	3 8	1 13	1 23	16 11	7 18	6 58	28 23	9 0	7 6
F 25	23 25	27 53	4 59	22 4	0 49	21 16	1 45	18 44	2 10	20 50	0 40	20 53	0 20	20 16	0 10	3 8	1 13	1 23	16 11	7 23	6 59	28 23	9 0	7 6
S 26	23 24	28 13	4 46	22 26	0 37	20 59	1 45	18 45	2 12	20 52	0 40	20 51	0 20	20 16	0 10	3 8	1 13	1 23	16 11	7 27	7 1	28 23	9 0	7 6
S 27	23 22	27 15	4 19	22 46	0 26	20 42	1 45	18 47	2 13	20 54	0 40	20 50	0 20	20 17	0 10	3 8	1 13	1 23	16 11	7 32	7 2	28 23	9 1	7 7
M28	23 20	25 1	3 42	23 4	0 14	20 25	1 45	18 49	2 14	20 56	0 40	20 48	0 20	20 17	0 10	3 8	1 13	1 23	16 12	7 35	7 3	28 23	9 1	7 7
T 29	23 17	21 41	2 54	23 20	0 2	20 6	1 46	18 52	2 16	20 59	0 40	20 47	0 20	20 18	0 10	3 8	1 13	1 23	16 12	7 38	7 4	28 23	9 1	7 7
W30	23n14	17s23	1s58	23n35	0n 9	19n48	1n46	18s54	2s17	21n 1	0s40	20n46	0n20	20n19	0s10	3s 8	1s13	1s23	16s12	7s40	7s 5	28s23	9s 2	7n 7

Julian Day Number = 2399831.5, Delta T = 9.37 sec
Ecliptic obliquity = 23°27'36, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°45'47, Lahiri = 21°52'48

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ASTRODIENST EPHEMERIS for the year 1858
geocentric

JULY 1858 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 35 2	8♋48'34	0♓ 0	29♊32	9♌55	16♏21	8♊17	28♋52	1♊34	24°R55	7♉21	10°R23	11♓53	25♐40	16°R42	T 1
F 2	18 38 58	9°45'45	12°27	1♋38	11° 7	16°27	8°30	28°59	1°37	24♓55	7°21	10°D22	11°50	25°47	16♒40	F 2
S 3	18 42 55	10°42'57	25°10	3°45	12°18	16°34	8°43	29° 7	1°40	24°55	7°22	10♓23	11°47	25°53	16°37	S 3
S 4	18 46 51	11°40'09	8♈13	5°54	13°30	16°42	8°56	29°14	1°43	24°55	7°23	10°R23	11°44	26° 0	16°35	S 4
M 5	18 50 48	12°37'21	21°38	8° 3	14°42	16°50	9° 9	29°22	1°46	24°55	7°24	10°23	11°40	26° 7	16°33	M 5
T 6	18 54 45	13°34'33	5♉30	10°13	15°53	16°59	9°21	29°29	1°48	24°55	7°24	10°21	11°37	26°13	16°30	T 6
W 7	18 58 41	14°31'46	19°47	12°23	17° 5	17° 9	9°34	29°37	1°51	24°54	7°25	10°17	11°34	26°20	16°27	W 7
T 8	19 2 38	15°29'00	4♊29	14°33	18°17	17°19	9°47	29°45	1°54	24°54	7°26	10°11	11°31	26°27	16°25	T 8
F 9	19 6 34	16°26'14	19°30	16°42	19°28	17°30	9°59	29°52	1°57	24°54	7°26	10° 3	11°28	26°34	16°22	F 9
S 10	19 10 31	17°23'28	4♋41	18°51	20°39	17°42	10°12	29°59	1°59	24°53	7°27	9°56	11°25	26°40	16°20	S 10
S 11	19 14 27	18°20'43	19°52	20°59	21°51	17°55	10°24	0♌ 7	2° 2	24°53	7°27	9°48	11°21	26°47	16°17	S 11
M12	19 18 24	19°17'57	4♌54	23° 6	23° 2	18° 8	10°37	0°15	2° 5	24°52	7°28	9°43	11°18	26°54	16°14	M12
T 13	19 22 20	20°15'12	19°36	25°12	24°14	18°22	10°49	0°23	2° 7	24°52	7°28	9°39	11°15	27° 0	16°11	T 13
W14	19 26 17	21°12'27	3♍53	27°17	25°25	18°36	11° 2	0°30	2°10	24°51	7°29	9°D37	11°12	27° 7	16° 9	W14
T 15	19 30 14	22° 9'42	17°43	29°20	26°36	18°51	11°14	0°38	2°13	24°51	7°29	9°37	11° 9	27°14	16° 6	T 15
F 16	19 34 10	23° 6'57	1♎ 5	1♌22	27°47	19° 7	11°26	0°46	2°15	24°50	7°30	9°39	11° 6	27°21	16° 3	F 16
S 17	19 38 7	24° 4'13	14° 2	3°22	28°58	19°23	11°38	0°54	2°18	24°50	7°30	9°40	11° 2	27°27	16° 0	S 17
S 18	19 42 3	25° 1'28	26°38	5°21	0♍ 9	19°40	11°50	1° 1	2°20	24°49	7°31	9°R40	10°59	27°34	15°57	S 18
M19	19 46 0	25°58'44	8♏56	7°18	1°20	19°58	12° 2	1° 9	2°22	24°49	7°31	9°39	10°56	27°41	15°54	M19
T 20	19 49 56	26°56'00	21° 2	9°13	2°31	20°16	12°14	1°17	2°25	24°48	7°32	9°36	10°53	27°47	15°51	T 20
W21	19 53 53	27°53'17	3♐ 0	11° 6	3°42	20°35	12°26	1°25	2°27	24°47	7°32	9°32	10°50	27°54	15°48	W21
T 22	19 57 49	28°50'34	14°53	12°58	4°53	20°54	12°37	1°32	2°29	24°46	7°32	9°26	10°46	28° 1	15°45	T 22
F 23	20 1 46	29°47'51	26°45	14°48	6° 3	21°14	12°49	1°40	2°32	24°46	7°33	9°19	10°43	28° 8	15°42	F 23
S 24	20 5 43	0♑45'09	8♑39	16°36	7°14	21°34	13° 0	1°48	2°34	24°45	7°33	9°12	10°40	28°14	15°39	S 24
S 25	20 9 39	1°42'27	20°36	18°23	8°25	21°55	13°12	1°56	2°36	24°44	7°33	9° 5	10°37	28°21	15°36	S 25
M26	20 13 36	2°39'46	2♒38	20° 7	9°35	22°16	13°23	2° 3	2°38	24°43	7°33	9° 0	10°34	28°28	15°33	M26
T 27	20 17 32	3°37'06	14°48	21°50	10°46	22°38	13°35	2°11	2°40	24°42	7°34	8°56	10°31	28°35	15°30	T 27
W28	20 21 29	4°34'26	27° 5	23°31	11°56	23° 0	13°46	2°19	2°42	24°41	7°34	8°53	10°27	28°41	15°26	W28
T 29	20 25 25	5°31'48	9♓33	25°11	13° 6	23°23	13°57	2°27	2°44	24°41	7°34	8°D53	10°24	28°48	15°23	T 29
F 30	20 29 22	6°29'10	22°12	26°49	14°16	23°46	14° 8	2°34	2°46	24°40	7°34	8°53	10°21	28°55	15°20	F 30
S 31	20 33 18	7♌26'33	5♈ 6	28♌25	15♍27	24♏10	14♊19	2♌42	2♊48	24♓39	7♉34	8♓55	10♓18	29♐ 1	15♒17	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n10	12s20	0s55	23n47	0n20	19n28	1n45	18s57	2s18	21n 3	0s40	20n44	0n20	20n19	0s10	3s 8	1s13	1s23	16s12	7s41	7s 7	28s23	9s 2	7n 8
F 2	23 6	6 43	0n11	23 57	0 30	19 8	1 45	18 59	2 19	21 5	0 40	20 43	0 20	20 20	0 10	3 9	1 13	1 23	16 13	7 41	7 8	28 23	9 3	7 8
S 3	23 2	0 43	1 18	24 4	0 40	18 48	1 45	19 2	2 20	21 7	0 40	20 41	0 20	20 21	0 10	3 9	1 13	1 23	16 13	7 41	7 9	28 23	9 3	7 8
S 4	22 57	5n27	2 23	24 9	0 49	18 27	1 45	19 6	2 21	21 9	0 40	20 40	0 20	20 21	0 10	3 9	1 13	1 23	16 13	7 41	7 10	28 23	9 3	7 9
M 5	22 52	11 34	3 22	24 11	0 58	18 6	1 44	19 9	2 22	21 11	0 40	20 38	0 21	20 22	0 10	3 9	1 14	1 23	16 14	7 41	7 11	28 23	9 4	7 9
T 6	22 46	17 19	4 11	24 10	1 7	17 44	1 44	19 12	2 23	21 13	0 40	20 37	0 21	20 22	0 10	3 9	1 14	1 23	16 14	7 42	7 13	28 23	9 4	7 9
W 7	22 40	22 18	4 47	24 7	1 14	17 22	1 43	19 16	2 24	21 15	0 40	20 35	0 21	20 23	0 10	3 9	1 14	1 23	16 14	7 43	7 14	28 23	9 5	7 9
T 8	22 34	26 2	5 4	24 0	1 21	16 59	1 43	19 20	2 25	21 17	0 40	20 34	0 21	20 23	0 10	3 9	1 14	1 23	16 14	7 45	7 15	28 23	9 6	7 10
F 9	22 27	28 3	5 2	23 51	1 27	16 36	1 42	19 24	2 25	21 19	0 40	20 32	0 21	20 24	0 10	3 10	1 14	1 24	16 15	7 48	7 16	28 23	9 6	7 10
S 10	22 20	28 0	4 38	23 40	1 32	16 13	1 41	19 28	2 26	21 20	0 40	20 31	0 21	20 24	0 10	3 10	1 14	1 24	16 15	7 51	7 17	28 23	9 7	7 10
S 11	22 12	25 51	3 55	23 25	1 37	15 49	1 40	19 32	2 27	21 22	0 40	20 29	0 21	20 25	0 10	3 10	1 14	1 24	16 15	7 54	7 19	28 23	9 7	7 10
M12	22 4	21 54	2 56	23 8	1 41	15 25	1 39	19 36	2 28	21 24	0 40	20 27	0 21	20 26	0 10	3 10	1 14	1 24	16 16	7 56	7 20	28 23	9 8	7 10
T 13	21 56	16 37	1 46	22 49	1 44	15 0	1 38	19 41	2 28	21 26	0 40	20 26	0 21	20 26	0 10	3 10	1 14	1 24	16 16	7 57	7 21	28 23	9 8	7 11
W14	21 47	10 34	0 31	22 28	1 46	14 35	1 37	19 46	2 29	21 28	0 40	20 24	0 21	20 27	0 10	3 11	1 14	1 24	16 16	7 58	7 22	28 23	9 9	7 11
T 15	21 38	4 11	0s44	22 4	1 48	14 9	1 36	19 50	2 29	21 29	0 40	20 23	0 21	20 27	0 10	3 11	1 14	1 24	16 17	7 58	7 24	28 22	9 10	7 11
F 16	21 29	2s10	1 53	21 38	1 49	13 44	1 34	19 55	2 30	21 31	0 40	20 21	0 21	20 28	0 10	3 11	1 14	1 24	16 17	7 58	7 25	28 22	9 10	7 11
S 17	21 19	8 14	2 55	21 11	1 49	13 17	1 33	20 0	2 31	21 33	0 40	20 20	0 21	20 28	0 10	3 11	1 14	1 25	16 17	7 57	7 26	28 22	9 11	7 11
S 18	21 9	13 48	3 46	20 42	1 49	12 51	1 31	20 5	2 31	21 34	0 40	20 18	0 22	20 29	0 10	3 12	1 14	1 25	16 17	7 57	7 27	28 22	9 12	7 11
M19	20 58	18 41	4 26	20 12	1 48	12 24	1 30	20 11	2 32	21 36	0 40	20 16	0 22	20 29	0 10	3 12	1 14	1 25	16 18	7 57	7 28	28 22	9 12	7 12
T 20	20 47	22 44	4 53	19 40	1 46	11 57	1 28	20 16	2 32	21 37	0 40	20 15	0 22	20 29	0 10	3 12	1 14	1 25	16 18	7 58	7 30	28 22	9 13	7 12
W21	20 36	25 48	5 7	19 7	1 43	11 30	1 26	20 22	2 32	21 39	0 40	20 13	0 22	20 30	0 10	3 13	1 14	1 25	16 18	8 0	7 31	28 22	9 14	7 12
T 22	20 25	27 42	5 8	18 33	1 41	11 2	1 24	20 27	2 33	21 40	0 40	20 11	0 22	20 30	0 10	3 13	1 14	1 25	16 19	8 2	7 32	28 22	9 15	7 12
F 23	20 13	28 20	4 55	17 57	1 37	10 34	1 22	20 33	2 33	21 42	0 40	20 10	0 22	20 31	0 10	3 13	1 14	1 26	16 19	8 5	7 33	28 21	9 15	7 12
S 24	20 0	27 40	4 30	17 21	1 33	10 6	1 20	20 39	2 34	21 43	0 40	20 8	0 22	20 31	0 10	3 14	1 14	1 26	16 19	8 8	7 34	28 21	9 16	7 12
S 25	19 48	25 42	3 52	16 44	1 29	9 38	1 18	20 44	2 34	21 45	0 40	20 6	0 22	20 32	0 10	3 14	1 14	1 26	16 20	8 10	7 36	28 21	9 17	7 12
M26	19 35	22 35	3 4	16 7	1 24	9 9	1 16	20 50	2 34	21 46	0 40	20 5	0 22	20 32	0 10	3 14	1 14	1 26	16 20	8 12	7 37	28 21	9 18	7 12
T 27	19 22	18 26	2 7	15 29	1 19	8 41	1 14	20 56	2 35	21 48	0 40	20 3	0 22	20 33	0 10	3 15	1 15	1 26	16 20	8 14	7 38	28 21	9 19	7 12
W28	19 8	13 30	1 4	14 50	1 13	8 12	1 11	21 2	2 35	21 49	0 40	20 1	0 22	20 33	0 10	3 15	1 15	1 27	16 21	8 15	7 39	28 20	9 20	7 12
T 29	18 54	7 56	0n 4	14 11	1 7	7 42	1 9	21 8	2 35	21 50	0 40	20 0	0 23	20 33	0 10	3 15	1 15	1 27	16 21	8 15	7 40	28 20	9 20	7 12
F 30	18 40	1 59	1 12	13 32	1 0	7 13	1 6	21 14	2 35	21 52	0 40	19 58	0 23	20 34	0 10	3 16	1 15	1 27	16 21	8 15	7 42	28 20	9 21	7 12
S 31	18n26	4n 9	2n18	12n52	0n53	6n43	1n 4	21s20	2s35	21n53	0s40	19n56	0n23	20n34	0s10	3s16	1s15	1s27	16s22	8s14	7s43	28s20	9s22	7n13

Julian Day Number = 2399861.5, Delta T = 9.34 sec
Ecliptic obliquity = 23°27'36, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°45'51, Lahiri = 21°52'52

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ASTRODIENST EPHEMERIS for the year 1858
geocentric

AUGUST 1858 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 37 15	8♌23'58	18♈15	29♌59	16♍37	24♏34	14♊30	2♌50	2♊50	24°R38	7♉35	8♓56	10♓15	29♐ 8	15°R14	S 1
M 2	20 41 12	9°21'23	1♉43	1♍32	17°47	24°59	14°40	2°58	2°52	24♓37	7°35	8°57	10°12	29°15	15♒11	M 2
T 3	20 45 8	10°18'50	15°31	3° 3	18°57	25°24	14°51	3° 5	2°54	24°36	7°35	8°R58	10° 8	29°22	15° 7	T 3
W 4	20 49 5	11°16'19	29°38	4°32	20° 7	25°49	15° 2	3°13	2°56	24°34	7°35	8°56	10° 5	29°28	15° 4	W 4
T 5	20 53 1	12°13'48	14♊ 4	6° 0	21°16	26°15	15°12	3°21	2°57	24°33	7°35	8°54	10° 2	29°35	15° 1	T 5
F 6	20 56 58	13°11'19	28°46	7°25	22°26	26°42	15°22	3°28	2°59	24°32	7°35	8°51	9°59	29°42	14°58	F 6
S 7	21 0 54	14° 8'52	13♋36	8°49	23°36	27° 8	15°33	3°36	3° 1	24°31	7°35	8°48	9°56	29°48	14°54	S 7
S 8	21 4 51	15° 6'25	28°29	10°12	24°45	27°36	15°43	3°44	3° 2	24°30	7°R35	8°45	9°52	29°55	14°51	S 8
M 9	21 8 48	16° 4'00	13♌16	11°32	25°55	28° 3	15°53	3°51	3° 4	24°29	7°35	8°42	9°49	0♑ 2	14°48	M 9
T 10	21 12 44	17° 1'35	27°49	12°51	27° 4	28°31	16° 3	3°59	3° 5	24°28	7°35	8°41	9°46	0° 9	14°45	T 10
W11	21 16 41	17°59'12	12♍ 2	14° 7	28°13	28°59	16°13	4° 7	3° 7	24°26	7°35	8°D41	9°43	0°15	14°42	W11
T 12	21 20 37	18°56'50	25°52	15°22	29°23	29°28	16°22	4°14	3° 8	24°25	7°35	8°41	9°40	0°22	14°38	T 12
F 13	21 24 34	19°54'29	9♎18	16°34	0♎32	29°57	16°32	4°22	3° 9	24°24	7°35	8°43	9°37	0°29	14°35	F 13
S 14	21 28 30	20°52'09	22°19	17°44	1°41	0♐26	16°41	4°29	3°11	24°22	7°35	8°44	9°33	0°35	14°32	S 14
S 15	21 32 27	21°49'50	4♏58	18°53	2°50	0°56	16°51	4°37	3°12	24°21	7°34	8°45	9°30	0°42	14°29	S 15
M16	21 36 23	22°47'32	17°19	19°59	3°59	1°26	17° 0	4°44	3°13	24°20	7°34	8°R46	9°27	0°49	14°26	M16
T 17	21 40 20	23°45'15	29°27	21° 2	5° 8	1°57	17° 9	4°52	3°14	24°18	7°34	8°46	9°24	0°56	14°22	T 17
W18	21 44 16	24°42'59	11♐25	22° 3	6°16	2°27	17°18	4°59	3°16	24°17	7°34	8°45	9°21	1° 2	14°19	W18
T 19	21 48 13	25°40'45	23°18	23° 1	7°25	2°58	17°27	5° 7	3°17	24°16	7°34	8°44	9°18	1° 9	14°16	T 19
F 20	21 52 10	26°38'31	5♑11	23°57	8°33	3°30	17°36	5°14	3°18	24°14	7°33	8°42	9°14	1°16	14°13	F 20
S 21	21 56 6	27°36'19	17° 6	24°49	9°41	4° 1	17°44	5°22	3°19	24°13	7°33	8°41	9°11	1°22	14°10	S 21
S 22	22 0 3	28°34'08	29° 8	25°39	10°50	4°33	17°53	5°29	3°20	24°11	7°33	8°39	9° 8	1°29	14° 7	S 22
M23	22 3 59	29°31'58	11♒19	26°25	11°58	5° 6	18° 1	5°36	3°20	24°10	7°33	8°38	9° 5	1°36	14° 4	M23
T 24	22 7 56	0♍29'50	23°40	27° 8	13° 6	5°38	18°10	5°44	3°21	24° 8	7°32	8°37	9° 2	1°43	14° 1	T 24
W25	22 11 52	1°27'43	6♓13	27°47	14°14	6°11	18°18	5°51	3°22	24° 7	7°32	8°D37	8°58	1°49	13°58	W25
T 26	22 15 49	2°25'38	18°59	28°22	15°21	6°44	18°26	5°58	3°23	24° 5	7°32	8°37	8°55	1°56	13°55	T 26
F 27	22 19 45	3°23'34	1♈59	28°53	16°29	7°18	18°33	6° 5	3°23	24° 4	7°31	8°37	8°52	2° 3	13°52	F 27
S 28	22 23 42	4°21'32	15°12	29°19	17°36	7°51	18°41	6°13	3°24	24° 2	7°31	8°38	8°49	2° 9	13°49	S 28
S 29	22 27 39	5°19'32	28°39	29°41	18°44	8°25	18°49	6°20	3°25	24° 1	7°30	8°38	8°46	2°16	13°46	S 29
M30	22 31 35	6°17'34	12♉19	29°58	19°51	8°59	18°56	6°27	3°25	23°59	7°30	8°38	8°43	2°23	13°43	M30
T 31	22 35 32	7♍15'37	26♉12	0♎ 9	20♎58	9♐34	19♊ 3	6♌34	3♊26	23♓58	7♉29	8♓39	8♓39	2♑30	13♒40	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n11	10n14	3n19	12n12	0n46	6n14	1n 1	21s27	2s36	21n54	0s40	19n55	0n23	20n34	0s10	3s17	1s15	1s28	16s22	8s13	7s44	28s20	9s23	7n13
M 2	17 56	15 59	4 10	11 32	0 38	5 44	0 58	21 33	2 36	21 55	0 40	19 53	0 23	20 35	0 10	3 17	1 15	1 28	16 22	8 13	7 45	28 19	9 24	7 13
T 3	17 40	21 5	4 48	10 52	0 31	5 14	0 55	21 39	2 36	21 57	0 40	19 51	0 23	20 35	0 10	3 18	1 15	1 28	16 23	8 13	7 46	28 19	9 25	7 13
W 4	17 25	25 7	5 9	10 12	0 22	4 44	0 53	21 45	2 36	21 58	0 40	19 50	0 23	20 36	0 10	3 18	1 15	1 29	16 23	8 13	7 48	28 19	9 26	7 13
T 5	17 9	27 40	5 12	9 32	0 14	4 13	0 50	21 52	2 36	21 59	0 40	19 48	0 23	20 36	0 10	3 19	1 15	1 29	16 23	8 14	7 49	28 19	9 27	7 13
F 6	16 52	28 22	4 55	8 52	0 5	3 43	0 46	21 58	2 36	22 0	0 40	19 46	0 23	20 36	0 10	3 19	1 15	1 29	16 23	8 15	7 50	28 18	9 28	7 13
S 7	16 36	27 2	4 18	8 13	0s 4	3 12	0 43	22 4	2 36	22 1	0 40	19 45	0 23	20 37	0 10	3 20	1 15	1 29	16 24	8 17	7 51	28 18	9 28	7 13
S 8	16 19	23 48	3 23	7 33	0 13	2 42	0 40	22 11	2 36	22 2	0 40	19 43	0 23	20 37	0 10	3 20	1 15	1 30	16 24	8 18	7 52	28 18	9 29	7 12
M 9	16 2	19 1	2 15	6 54	0 22	2 11	0 37	22 17	2 36	22 3	0 40	19 41	0 24	20 37	0 10	3 21	1 15	1 30	16 24	8 19	7 54	28 17	9 30	7 12
T 10	15 45	13 10	0 59	6 16	0 31	1 41	0 33	22 23	2 36	22 4	0 40	19 39	0 24	20 37	0 10	3 21	1 15	1 30	16 25	8 19	7 55	28 17	9 31	7 12
W11	15 27	6 46	0s19	5 37	0 41	1 10	0 30	22 29	2 36	22 5	0 40	19 38	0 24	20 38	0 10	3 22	1 15	1 31	16 25	8 19	7 56	28 17	9 32	7 12
T 12	15 9	0 13	1 33	5 0	0 51	0 39	0 26	22 36	2 36	22 6	0 40	19 36	0 24	20 38	0 10	3 22	1 15	1 31	16 25	8 19	7 57	28 16	9 33	7 12
F 13	14 51	6s 9	2 41	4 22	1 1	0 8	0 23	22 42	2 36	22 7	0 40	19 34	0 24	20 38	0 10	3 23	1 15	1 31	16 26	8 19	7 58	28 16	9 34	7 12
S 14	14 33	12 4	3 38	3 46	1 11	0s23	0 19	22 48	2 36	22 8	0 40	19 33	0 24	20 38	0 10	3 23	1 15	1 32	16 26	8 18	8 0	28 16	9 35	7 12
S 15	14 15	17 18	4 23	3 10	1 21	0 53	0 15	22 54	2 36	22 9	0 40	19 31	0 24	20 39	0 10	3 24	1 15	1 32	16 26	8 18	8 1	28 15	9 36	7 12
M16	13 56	21 43	4 54	2 35	1 31	1 24	0 12	23 1	2 36	22 10	0 40	19 29	0 24	20 39	0 10	3 24	1 15	1 32	16 27	8 17	8 2	28 15	9 37	7 12
T 17	13 37	25 7	5 12	2 0	1 41	1 55	0 8	23 7	2 36	22 11	0 40	19 27	0 24	20 39	0 10	3 25	1 15	1 33	16 27	8 17	8 3	28 15	9 38	7 12
W18	13 18	27 22	5 15	1 27	1 52	2 26	0 4	23 13	2 36	22 12	0 40	19 26	0 24	20 39	0 10	3 25	1 15	1 33	16 27	8 18	8 4	28 14	9 39	7 12
T 19	12 58	28 23	5 6	0 54	2 2	2 57	0s 0	23 19	2 36	22 12	0 40	19 24	0 24	20 40	0 10	3 26	1 15	1 33	16 28	8 18	8 6	28 14	9 40	7 11
F 20	12 39	28 4	4 43	0 23	2 12	3 27	0 4	23 25	2 35	22 13	0 40	19 22	0 25	20 40	0 10	3 27	1 15	1 34	16 28	8 19	8 7	28 14	9 41	7 11
S 21	12 19	26 28	4 8	0s 7	2 22	3 58	0 8	23 31	2 35	22 14	0 40	19 21	0 25	20 40	0 10	3 27	1 15	1 34	16 28	8 19	8 8	28 13	9 42	7 11
S 22	11 59	23 38	3 21	0 36	2 32	4 29	0 12	23 37	2 35	22 15	0 40	19 19	0 25	20 40	0 10	3 28	1 15	1 34	16 28	8 20	8 9	28 13	9 43	7 11
M23	11 39	19 44	2 25	1 4	2 42	4 59	0 16	23 42	2 35	22 16	0 40	19 17	0 25	20 40	0 10	3 28	1 15	1 35	16 29	8 20	8 10	28 12	9 44	7 11
T 24	11 18	14 56	1 22	1 30	2 52	5 30	0 21	23 48	2 35	22 16	0 40	19 16	0 25	20 40	0 10	3 29	1 15	1 35	16 29	8 21	8 12	28 12	9 45	7 11
W25	10 58	9 27	0 13	1 54	3 2	6 0	0 25	23 54	2 34	22 17	0 40	19 14	0 25	20 41	0 10	3 30	1 16	1 36	16 29	8 21	8 13	28 11	9 46	7 10
T 26	10 37	3 29	0n57	2 17	3 11	6 30	0 29	23 59	2 34	22 18	0 40	19 12	0 25	20 41	0 10	3 30	1 16	1 36	16 30	8 21	8 14	28 11	9 47	7 10
F 27	10 16	2n43	2 6	2 37	3 21	7 0	0 34	24 4	2 34	22 18	0 40	19 10	0 25	20 41	0 10	3 31	1 16	1 36	16 30	8 21	8 15	28 11	9 48	7 10
S 28	9 55	8 54	3 9	2 56	3 29	7 30	0 38	24 10	2 34	22 19	0 40	19 9	0 25	20 41	0 10	3 32	1 16	1 37	16 30	8 20	8 16	28 10	9 49	7 10
S 29	9 34	14 47	4 3	3 12	3 38	8 0	0 43	24 15	2 33	22 20	0 40	19 7	0 26	20 41	0 10	3 32	1 16	1 37	16 31	8 20	8 17	28 10	9 50	7 10
M30	9 13	20 3	4 44	3 26	3 45	8 30	0 47	24 20	2 33	22 20	0 40	19 5	0 26	20 41	0 10	3 33	1 16	1 38	16 31	8 20	8 19	28 9	9 51	7 9
T 31	8n51	24n20	5n10	3s37	3s53	8s59	0s52	24s25	2s33	22n21	0s40	19n 4	0n26	20n41	0s10	3s33	1s16	1s38	16s31	8s20	8s20	28s 9	9s53	7n 9

Julian Day Number = 2399892.5, Delta T = 9.32 sec
Ecliptic obliquity = 23°27'36, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°45'56, Lahiri = 21°52'56

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ASTRODIENST EPHEMERIS for the year 1858
geocentric

SEPTEMBER 1858 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 39 28	8♍13'43	10♊16	0♎16	22♎ 5	10♐ 8	19♊11	6♌41	3♊26	23°R56	7°R29	8♓39	8♓36	2♉36	13°R37	W 1
T 2	22 43 25	9°11'51	24°31	0°R16	23°12	10°43	19°18	6°48	3°27	23♓55	7♉28	8°39	8°33	2°43	13♒35	T 2
F 3	22 47 21	10°10'01	8♋53	0°10	24°19	11°18	19°24	6°55	3°27	23°53	7°28	8°39	8°30	2°50	13°32	F 3
S 4	22 51 18	11° 8'13	23°19	29♍58	25°25	11°54	19°31	7° 2	3°27	23°51	7°27	8°39	8°27	2°56	13°29	S 4
S 5	22 55 14	12° 6'26	7♌45	29°40	26°32	12°29	19°38	7° 9	3°27	23°50	7°27	8°39	8°24	3° 3	13°26	S 5
M 6	22 59 11	13° 4'42	22° 6	29°15	27°38	13° 5	19°44	7°15	3°28	23°48	7°26	8°39	8°20	3°10	13°24	M 6
T 7	23 3 8	14° 2'59	6♍18	28°43	28°44	13°41	19°50	7°22	3°28	23°47	7°26	8°R40	8°17	3°16	13°21	T 7
W 8	23 7 4	15° 1'18	20°16	28° 6	29°50	14°18	19°56	7°29	3°28	23°45	7°25	8°39	8°14	3°23	13°19	W 8
T 9	23 11 1	15°59'39	3♎56	27°22	0♏56	14°54	20° 2	7°36	3°R28	23°43	7°24	8°39	8°11	3°30	13°16	T 9
F 10	23 14 57	16°58'02	17°16	26°33	2° 1	15°31	20° 8	7°42	3°28	23°42	7°24	8°38	8° 8	3°37	13°14	F 10
S 11	23 18 54	17°56'27	0♏16	25°39	3° 6	16° 8	20°13	7°49	3°28	23°40	7°23	8°37	8° 4	3°43	13°11	S 11
S 12	23 22 50	18°54'53	12°56	24°42	4°12	16°45	20°19	7°55	3°27	23°38	7°22	8°36	8° 1	3°50	13° 9	S 12
M13	23 26 47	19°53'20	25°18	23°41	5°17	17°22	20°24	8° 2	3°27	23°37	7°22	8°34	7°58	3°57	13° 6	M13
T 14	23 30 43	20°51'50	7♐27	22°39	6°22	18° 0	20°29	8° 8	3°27	23°35	7°21	8°34	7°55	4° 3	13° 4	T 14
W15	23 34 40	21°50'21	19°26	21°36	7°26	18°38	20°34	8°14	3°27	23°33	7°20	8°D33	7°52	4°10	13° 2	W15
T 16	23 38 37	22°48'54	1♑19	20°34	8°31	19°16	20°39	8°21	3°26	23°32	7°20	8°33	7°49	4°17	13° 0	T 16
F 17	23 42 33	23°47'28	13°12	19°36	9°35	19°54	20°43	8°27	3°26	23°30	7°19	8°34	7°45	4°24	12°57	F 17
S 18	23 46 30	24°46'04	25° 9	18°41	10°39	20°32	20°48	8°33	3°26	23°28	7°18	8°35	7°42	4°30	12°55	S 18
S 19	23 50 26	25°44'42	7♒13	17°52	11°43	21°11	20°52	8°39	3°25	23°27	7°17	8°37	7°39	4°37	12°53	S 19
M20	23 54 23	26°43'22	19°30	17°10	12°46	21°49	20°56	8°45	3°25	23°25	7°16	8°38	7°36	4°44	12°51	M20
T 21	23 58 19	27°42'03	2♓ 2	16°36	13°49	22°28	21° 0	8°51	3°24	23°23	7°16	8°39	7°33	4°50	12°49	T 21
W22	0 2 16	28°40'46	14°51	16°11	14°52	23° 7	21° 3	8°57	3°23	23°22	7°15	8°R39	7°29	4°57	12°47	W22
T 23	0 6 12	29°39'31	27°57	15°56	15°55	23°46	21° 7	9° 3	3°23	23°20	7°14	8°38	7°26	5° 4	12°46	T 23
F 24	0 10 9	0♎38'18	11♈21	15°D50	16°58	24°26	21°10	9° 9	3°22	23°18	7°13	8°36	7°23	5°11	12°44	F 24
S 25	0 14 6	1°37'07	25° 1	15°54	18° 0	25° 5	21°13	9°15	3°21	23°17	7°12	8°33	7°20	5°17	12°42	S 25
S 26	0 18 2	2°35'58	8♉54	16° 9	19° 2	25°45	21°16	9°20	3°20	23°15	7°11	8°29	7°17	5°24	12°40	S 26
M27	0 21 59	3°34'52	22°56	16°33	20° 3	26°25	21°19	9°26	3°19	23°14	7°10	8°26	7°14	5°31	12°39	M27
T 28	0 25 55	4°33'47	7♊ 5	17° 7	21° 5	27° 5	21°21	9°32	3°19	23°12	7° 9	8°23	7°10	5°37	12°37	T 28
W29	0 29 52	5°32'46	21°18	17°50	22° 6	27°45	21°24	9°37	3°18	23°10	7° 8	8°21	7° 7	5°44	12°36	W29
T 30	0 33 48	6♎31'46	5♋30	18♍41	23♏ 6	28♐25	21♊26	9♌42	3♊17	23♓ 9	7♉ 8	8°D20	7♓ 4	5♉51	12♒34	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n29	27n14	5n17	3s46	3s59	9s29	0s56	24s30	2s32	22n21	0s40	19n 2	0n26	20n41	0s10	3s34	1s16	1s38	16s31	8s20	8s21	28s 8	9s54	7n 9
T 2	8 8	28 25	5 5	3 51	4 5	9 58	1 1	24 35	2 32	22 22	0 40	19 0	0 26	20 41	0 10	3 35	1 16	1 39	16 32	8 20	8 22	28 8	9 55	7 9
F 3	7 46	27 43	4 34	3 53	4 10	10 27	1 5	24 39	2 32	22 22	0 40	18 59	0 26	20 42	0 10	3 35	1 16	1 39	16 32	8 20	8 23	28 7	9 56	7 8
S 4	7 24	25 9	3 46	3 52	4 14	10 56	1 10	24 44	2 31	22 23	0 40	18 57	0 26	20 42	0 10	3 36	1 16	1 40	16 32	8 20	8 25	28 7	9 57	7 8
S 5	7 2	20 58	2 43	3 47	4 16	11 24	1 15	24 48	2 31	22 23	0 40	18 56	0 26	20 42	0 10	3 37	1 16	1 40	16 32	8 20	8 26	28 6	9 58	7 8
M 6	6 39	15 35	1 30	3 38	4 17	11 53	1 20	24 53	2 31	22 24	0 40	18 54	0 26	20 42	0 10	3 37	1 16	1 41	16 33	8 20	8 27	28 6	9 59	7 8
T 7	6 17	9 25	0 13	3 25	4 17	12 21	1 24	24 57	2 30	22 24	0 40	18 52	0 27	20 42	0 10	3 38	1 16	1 41	16 33	8 20	8 28	28 5	10 0	7 7
W 8	5 54	2 53	1s 4	3 9	4 15	12 49	1 29	25 1	2 30	22 25	0 40	18 51	0 27	20 42	0 10	3 39	1 16	1 41	16 33	8 20	8 29	28 4	10 1	7 7
T 9	5 32	3s38	2 15	2 48	4 12	13 16	1 34	25 5	2 29	22 25	0 40	18 49	0 27	20 42	0 10	3 39	1 16	1 42	16 33	8 20	8 31	28 4	10 2	7 7
F 10	5 9	9 50	3 18	2 24	4 7	13 44	1 39	25 8	2 29	22 26	0 40	18 48	0 27	20 42	0 10	3 40	1 16	1 42	16 34	8 20	8 32	28 3	10 3	7 6
S 11	4 46	15 27	4 8	1 56	3 59	14 11	1 43	25 12	2 28	22 26	0 40	18 46	0 27	20 42	0 10	3 41	1 16	1 43	16 34	8 21	8 33	28 3	10 4	7 6
S 12	4 23	20 15	4 45	1 25	3 50	14 38	1 48	25 15	2 28	22 26	0 40	18 44	0 27	20 42	0 10	3 41	1 16	1 43	16 34	8 21	8 34	28 2	10 5	7 6
M13	4 0	24 5	5 8	0 51	3 39	15 4	1 53	25 18	2 28	22 27	0 40	18 43	0 27	20 42	0 10	3 42	1 16	1 44	16 34	8 22	8 35	28 2	10 5	7 5
T 14	3 37	26 46	5 16	0 14	3 26	15 30	1 58	25 22	2 27	22 27	0 40	18 41	0 27	20 42	0 10	3 43	1 16	1 44	16 35	8 22	8 37	28 1	10 6	7 5
W15	3 14	28 12	5 10	0n24	3 11	15 56	2 3	25 24	2 27	22 27	0 40	18 40	0 27	20 42	0 10	3 43	1 16	1 44	16 35	8 22	8 38	28 0	10 7	7 5
T 16	2 51	28 19	4 52	1 3	2 55	16 22	2 7	25 27	2 26	22 28	0 40	18 38	0 28	20 41	0 10	3 44	1 16	1 45	16 35	8 22	8 39	28 0	10 8	7 4
F 17	2 28	27 7	4 20	1 42	2 38	16 47	2 12	25 30	2 26	22 28	0 40	18 37	0 28	20 41	0 10	3 45	1 16	1 45	16 35	8 22	8 40	27 59	10 9	7 4
S 18	2 5	24 41	3 38	2 21	2 19	17 12	2 17	25 32	2 25	22 28	0 40	18 35	0 28	20 41	0 10	3 45	1 16	1 46	16 36	8 21	8 41	27 59	10 10	7 4
S 19	1 42	21 8	2 45	2 58	1 59	17 37	2 22	25 34	2 25	22 29	0 40	18 34	0 28	20 41	0 10	3 46	1 16	1 46	16 36	8 21	8 42	27 58	10 11	7 3
M20	1 18	16 37	1 44	3 33	1 39	18 1	2 27	25 36	2 24	22 29	0 40	18 32	0 28	20 41	0 10	3 47	1 16	1 47	16 36	8 20	8 44	27 57	10 12	7 3
T 21	0 55	11 20	0 36	4 4	1 19	18 25	2 31	25 38	2 23	22 29	0 40	18 31	0 28	20 41	0 10	3 47	1 16	1 47	16 36	8 20	8 45	27 57	10 13	7 2
W22	0 32	5 27	0n34	4 32	0 59	18 48	2 36	25 40	2 23	22 29	0 40	18 29	0 28	20 41	0 10	3 48	1 16	1 48	16 36	8 20	8 46	27 56	10 14	7 2
T 23	0 8	0n47	1 44	4 57	0 40	19 11	2 41	25 41	2 22	22 29	0 40	18 28	0 28	20 41	0 10	3 49	1 16	1 48	16 37	8 20	8 47	27 55	10 15	7 2
F 24	0s15	7 6	2 50	5 16	0 21	19 34	2 46	25 42	2 22	22 30	0 40	18 26	0 29	20 41	0 10	3 49	1 16	1 48	16 37	8 21	8 48	27 55	10 16	7 1
S 25	0 39	13 13	3 48	5 31	0 3	19 56	2 50	25 43	2 21	22 30	0 40	18 25	0 29	20 40	0 10	3 50	1 16	1 49	16 37	8 22	8 50	27 54	10 16	7 1
S 26	1 2	18 47	4 33	5 41	0n14	20 18	2 55	25 44	2 21	22 30	0 40	18 24	0 29	20 40	0 10	3 51	1 16	1 49	16 37	8 24	8 51	27 53	10 17	7 0
M27	1 25	23 23	5 2	5 46	0 29	20 39	2 59	25 45	2 20	22 30	0 40	18 22	0 29	20 40	0 10	3 51	1 16	1 50	16 37	8 25	8 52	27 53	10 18	7 0
T 28	1 49	26 39	5 13	5 46	0 44	21 0	3 4	25 45	2 19	22 30	0 40	18 21	0 29	20 40	0 10	3 52	1 16	1 50	16 38	8 26	8 53	27 52	10 19	7 0
W29	2 12	28 15	5 5	5 41	0 57	21 20	3 8	25 45	2 19	22 30	0 40	18 20	0 29	20 40	0 10	3 52	1 16	1 51	16 38	8 27	8 54	27 51	10 20	6 59
T 30	2s36	27n59	4n39	5n32	1n 9	21s41	3s13	25s45	2s18	22n31	0s40	18n18	0n29	20n40	0s10	3s53	1s16	1s51	16s38	8s27	8s55	27s50	10s21	6n59

Julian Day Number = 2399923.5, Delta T = 9.29 sec
Ecliptic obliquity = 23°27'36, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°46'00, Lahiri = 21°53'00

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OCTOBER 1858 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 37 45	7♎30'49	19♋40	19♍40	24♏ 7	29♐ 5	21♊28	9♌48	3°R15	23°R 7	7°R 7	8♓21	7♓ 1	5♉57	12°R33	F 1
S 2	0 41 41	8°29'54	3♌47	20°46	25° 7	29°46	21°29	9°53	3♊14	23♓ 6	7♉ 6	8°22	6°58	6° 4	12♒31	S 2
S 3	0 45 38	9°29'01	17°48	21°58	26° 7	0♉27	21°31	9°58	3°13	23° 4	7° 5	8°24	6°55	6°11	12°30	S 3
M 4	0 49 35	10°28'11	1♍42	23°16	27° 6	1° 8	21°32	10° 3	3°12	23° 2	7° 4	8°R25	6°51	6°18	12°29	M 4
T 5	0 53 31	11°27'23	15°26	24°39	28° 5	1°48	21°33	10° 8	3°11	23° 1	7° 3	8°25	6°48	6°24	12°28	T 5
W 6	0 57 28	12°26'37	29° 0	26° 6	29° 3	2°30	21°34	10°13	3° 9	22°59	7° 2	8°23	6°45	6°31	12°27	W 6
T 7	1 1 24	13°25'53	12♎21	27°36	0♐ 2	3°11	21°35	10°18	3° 8	22°58	7° 1	8°20	6°42	6°38	12°26	T 7
F 8	1 5 21	14°25'11	25°27	29°10	0°59	3°52	21°36	10°23	3° 7	22°56	7° 0	8°15	6°39	6°44	12°25	F 8
S 9	1 9 17	15°24'31	8♏18	0♎46	1°57	4°34	21°36	10°28	3° 5	22°55	6°59	8° 8	6°35	6°51	12°24	S 9
S 10	1 13 14	16°23'53	20°53	2°24	2°54	5°15	21°R36	10°32	3° 4	22°53	6°58	8° 1	6°32	6°58	12°23	S 10
M11	1 17 10	17°23'18	3♐13	4° 4	3°50	5°57	21°36	10°37	3° 2	22°52	6°57	7°55	6°29	7° 4	12°22	M11
T 12	1 21 7	18°22'44	15°21	5°45	4°46	6°39	21°36	10°41	3° 1	22°50	6°55	7°49	6°26	7°11	12°22	T 12
W13	1 25 4	19°22'11	27°19	7°27	5°41	7°21	21°35	10°46	2°59	22°49	6°54	7°45	6°23	7°18	12°21	W13
T 14	1 29 0	20°21'41	9♑11	9° 9	6°36	8° 3	21°35	10°50	2°58	22°47	6°53	7°42	6°20	7°25	12°20	T 14
F 15	1 32 57	21°21'12	21° 2	10°52	7°31	8°45	21°34	10°54	2°56	22°46	6°52	7°D41	6°16	7°31	12°20	F 15
S 16	1 36 53	22°20'46	2♒57	12°35	8°24	9°27	21°33	10°58	2°54	22°45	6°51	7°42	6°13	7°38	12°19	S 16
S 17	1 40 50	23°20'20	15° 1	14°18	9°17	10°10	21°32	11° 2	2°52	22°43	6°50	7°43	6°10	7°45	12°19	S 17
M18	1 44 46	24°19'57	27°19	16° 1	10°10	10°52	21°30	11° 6	2°51	22°42	6°49	7°44	6° 7	7°51	12°19	M18
T 19	1 48 43	25°19'35	9♓55	17°45	11° 2	11°35	21°29	11°10	2°49	22°41	6°48	7°R45	6° 4	7°58	12°19	T 19
W20	1 52 39	26°19'15	22°53	19°27	11°53	12°18	21°27	11°14	2°47	22°39	6°47	7°44	6° 1	8° 5	12°18	W20
T 21	1 56 36	27°18'57	6♈14	21°10	12°44	13° 0	21°25	11°17	2°45	22°38	6°46	7°40	5°57	8°12	12°18	T 21
F 22	2 0 32	28°18'41	19°59	22°52	13°33	13°43	21°22	11°21	2°43	22°37	6°45	7°35	5°54	8°18	12°D18	F 22
S 23	2 4 29	29°18'27	4♉ 5	24°33	14°22	14°26	21°20	11°24	2°41	22°35	6°43	7°27	5°51	8°25	12°18	S 23
S 24	2 8 26	0♏18'15	18°26	26°15	15°10	15° 9	21°17	11°28	2°39	22°34	6°42	7°19	5°48	8°32	12°18	S 24
M25	2 12 22	1°18'05	2♊58	27°55	15°58	15°53	21°14	11°31	2°37	22°33	6°41	7°10	5°45	8°38	12°19	M25
T 26	2 16 19	2°17'57	17°33	29°36	16°44	16°36	21°11	11°34	2°35	22°32	6°40	7° 2	5°41	8°45	12°19	T 26
W27	2 20 15	3°17'51	2♋ 4	1♏16	17°30	17°19	21° 8	11°37	2°33	22°31	6°39	6°57	5°38	8°52	12°19	W27
T 28	2 24 12	4°17'48	16°27	2°55	18°15	18° 3	21° 5	11°40	2°31	22°29	6°38	6°53	5°35	8°58	12°19	T 28
F 29	2 28 8	5°17'47	0♌39	4°34	18°59	18°46	21° 1	11°43	2°29	22°28	6°37	6°D51	5°32	9° 5	12°20	F 29
S 30	2 32 5	6°17'47	14°37	6°12	19°41	19°30	20°57	11°46	2°27	22°27	6°36	6°52	5°29	9°12	12°20	S 30
S 31	2 36 2	7♏17'50	28♌22	7♏50	20♐23	20♉13	20♊53	11♌48	2♊24	22♓26	6♉34	6♓52	5♓26	9♉19	12♒21	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2s59	25n54	3n56	5n19	1n19	22s 0	3s17	25s45	2s17	22n31	0s40	18n17	0n29	20n39	0s10	3s54	1s16	1s52	16s38	8s27	8s57	27s50	10s21	6n58
S 2	3 22	22 12	2 58	5 1	1 28	22 19	3 22	25 44	2 17	22 31	0 40	18 16	0 30	20 39	0 10	3 54	1 16	1 52	16 38	8 26	8 58	27 49	10 22	6 58
S 3	3 46	17 16	1 50	4 39	1 36	22 38	3 26	25 44	2 16	22 31	0 40	18 14	0 30	20 39	0 10	3 55	1 16	1 52	16 38	8 26	8 59	27 48	10 23	6 57
M 4	4 9	11 27	0 37	4 14	1 42	22 56	3 30	25 43	2 15	22 31	0 40	18 13	0 30	20 39	0 10	3 56	1 16	1 53	16 38	8 25	9 0	27 47	10 24	6 57
T 5	4 32	5 9	0s38	3 46	1 48	23 14	3 34	25 42	2 15	22 31	0 41	18 12	0 30	20 38	0 10	3 56	1 16	1 53	16 39	8 25	9 1	27 47	10 24	6 57
W 6	4 55	1s17	1 50	3 16	1 52	23 31	3 39	25 40	2 14	22 31	0 41	18 11	0 30	20 38	0 10	3 57	1 16	1 54	16 39	8 26	9 3	27 46	10 25	6 56
T 7	5 18	7 33	2 54	2 42	1 55	23 48	3 43	25 39	2 13	22 31	0 41	18 10	0 30	20 38	0 10	3 57	1 16	1 54	16 39	8 27	9 4	27 45	10 26	6 56
F 8	5 41	13 23	3 48	2 7	1 56	24 4	3 46	25 37	2 13	22 31	0 41	18 8	0 30	20 38	0 10	3 58	1 16	1 55	16 39	8 29	9 5	27 44	10 27	6 55
S 9	6 4	18 31	4 29	1 29	1 58	24 20	3 50	25 35	2 12	22 31	0 41	18 7	0 31	20 37	0 10	3 59	1 16	1 55	16 39	8 32	9 6	27 43	10 27	6 55
S 10	6 27	22 45	4 56	0 51	1 58	24 35	3 54	25 32	2 11	22 31	0 41	18 6	0 31	20 37	0 10	3 59	1 16	1 55	16 39	8 34	9 7	27 43	10 28	6 54
M11	6 50	25 52	5 8	0 10	1 57	24 50	3 58	25 30	2 10	22 31	0 41	18 5	0 31	20 37	0 10	4 0	1 16	1 56	16 39	8 37	9 8	27 42	10 29	6 54
T 12	7 13	27 44	5 7	0s31	1 56	25 4	4 1	25 27	2 10	22 31	0 41	18 4	0 31	20 37	0 10	4 0	1 16	1 56	16 39	8 39	9 10	27 41	10 29	6 53
W13	7 35	28 18	4 52	1 13	1 54	25 17	4 5	25 24	2 9	22 31	0 41	18 3	0 31	20 36	0 10	4 1	1 16	1 57	16 40	8 40	9 11	27 40	10 30	6 53
T 14	7 58	27 32	4 24	1 56	1 51	25 30	4 8	25 21	2 8	22 31	0 41	18 2	0 31	20 36	0 10	4 1	1 16	1 57	16 40	8 41	9 12	27 39	10 31	6 52
F 15	8 20	25 32	3 46	2 39	1 48	25 43	4 12	25 17	2 7	22 31	0 41	18 1	0 31	20 36	0 10	4 2	1 16	1 57	16 40	8 42	9 13	27 38	10 31	6 52
S 16	8 42	22 23	2 57	3 23	1 44	25 55	4 15	25 14	2 7	22 31	0 41	18 0	0 32	20 35	0 10	4 3	1 16	1 58	16 40	8 41	9 14	27 38	10 32	6 51
S 17	9 4	18 15	2 0	4 6	1 40	26 6	4 18	25 10	2 6	22 31	0 41	17 59	0 32	20 35	0 10	4 3	1 16	1 58	16 40	8 41	9 15	27 37	10 32	6 51
M18	9 26	13 18	0 56	4 50	1 36	26 17	4 21	25 6	2 5	22 31	0 41	17 58	0 32	20 35	0 10	4 4	1 16	1 59	16 40	8 40	9 17	27 36	10 33	6 50
T 19	9 48	7 41	0n12	5 34	1 31	26 28	4 23	25 1	2 4	22 31	0 41	17 57	0 32	20 34	0 10	4 4	1 16	1 59	16 40	8 40	9 18	27 35	10 33	6 50
W20	10 10	1 36	1 21	6 18	1 26	26 37	4 26	24 56	2 4	22 31	0 41	17 56	0 32	20 34	0 10	4 5	1 16	1 59	16 40	8 41	9 19	27 34	10 34	6 49
T 21	10 32	4n44	2 27	7 1	1 20	26 47	4 28	24 52	2 3	22 30	0 41	17 55	0 32	20 34	0 10	4 5	1 16	2 0	16 40	8 42	9 20	27 33	10 34	6 49
F 22	10 53	11 1	3 27	7 45	1 15	26 55	4 31	24 46	2 2	22 30	0 41	17 55	0 32	20 33	0 10	4 6	1 16	2 0	16 40	8 44	9 21	27 32	10 35	6 49
S 23	11 14	16 54	4 16	8 27	1 9	27 4	4 33	24 41	2 1	22 30	0 41	17 54	0 33	20 33	0 10	4 6	1 16	2 1	16 40	8 47	9 22	27 31	10 35	6 48
S 24	11 35	21 57	4 49	9 10	1 3	27 11	4 35	24 35	2 0	22 30	0 41	17 53	0 33	20 32	0 10	4 7	1 16	2 1	16 40	8 50	9 24	27 30	10 36	6 48
M25	11 56	25 45	5 4	9 52	0 57	27 18	4 37	24 29	1 59	22 30	0 41	17 52	0 33	20 32	0 10	4 7	1 16	2 1	16 40	8 53	9 25	27 30	10 36	6 47
T 26	12 17	27 51	5 0	10 33	0 50	27 25	4 38	24 23	1 59	22 30	0 40	17 51	0 33	20 32	0 10	4 7	1 16	2 2	16 40	8 56	9 26	27 29	10 37	6 47
W27	12 37	28 3	4 37	11 14	0 44	27 31	4 40	24 17	1 58	22 29	0 40	17 51	0 33	20 31	0 10	4 8	1 16	2 2	16 40	8 58	9 27	27 28	10 37	6 46
T 28	12 58	26 21	3 56	11 55	0 37	27 36	4 41	24 10	1 57	22 29	0 40	17 50	0 33	20 31	0 10	4 8	1 16	2 2	16 40	9 0	9 28	27 27	10 37	6 46
F 29	13 18	22 58	3 1	12 34	0 31	27 41	4 42	24 4	1 56	22 29	0 40	17 49	0 33	20 30	0 10	4 9	1 16	2 3	16 40	9 0	9 29	27 26	10 38	6 45
S 30	13 38	18 19	1 56	13 13	0 24	27 46	4 43	23 56	1 55	22 29	0 40	17 49	0 34	20 30	0 10	4 9	1 16	2 3	16 40	9 0	9 31	27 25	10 38	6 45
S 31	13s58	12n46	0n45	13s52	0n17	27s50	4s44	23s49	1s54	22n29	0s40	17n48	0n34	20n30	0s10	4s10	1s16	2s 3	16s40	9s 0	9s32	27s24	10s38	6n44

Julian Day Number = 2399953.5, Delta T = 9.27 sec
Ecliptic obliquity = 23°27'36, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°46'04, Lahiri = 21°53'05

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ASTRODIENST EPHEMERIS for the year 1858
geocentric

NOVEMBER 1858 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 39 58	8♏17'56	11♍54	9♏27	21♐ 4	20♑57	20°R49	11♌51	2°R22	22°R25	6°R33	6°R52	5♓22	9♑25	12♒22	M 1
T 2	2 43 55	9°18'03	25°15	11° 4	21°43	21°41	20♊45	11°53	2♊20	22♓24	6♉32	6♓51	5°19	9°32	12°22	T 2
W 3	2 47 51	10°18'12	8♎24	12°41	22°22	22°25	20°40	11°56	2°18	22°23	6°31	6°47	5°16	9°39	12°23	W 3
T 4	2 51 48	11°18'23	21°23	14°17	22°59	23° 9	20°36	11°58	2°15	22°22	6°30	6°40	5°13	9°45	12°24	T 4
F 5	2 55 44	12°18'36	4♏10	15°53	23°35	23°53	20°31	12° 0	2°13	22°21	6°29	6°30	5°10	9°52	12°25	F 5
S 6	2 59 41	13°18'51	16°46	17°28	24° 9	24°37	20°26	12° 2	2°11	22°20	6°28	6°18	5° 6	9°59	12°26	S 6
S 7	3 3 37	14°19'08	29°10	19° 3	24°43	25°21	20°20	12° 4	2° 8	22°19	6°27	6° 5	5° 3	10° 5	12°27	S 7
M 8	3 7 34	15°19'27	11♐24	20°38	25°15	26° 5	20°15	12° 6	2° 6	22°19	6°25	5°53	5° 0	10°12	12°28	M 8
T 9	3 11 31	16°19'47	23°27	22°12	25°45	26°49	20°10	12° 8	2° 4	22°18	6°24	5°41	4°57	10°19	12°29	T 9
W10	3 15 27	17°20'09	5♑22	23°46	26°14	27°34	20° 4	12° 9	2° 1	22°17	6°23	5°31	4°54	10°26	12°30	W10
T 11	3 19 24	18°20'32	17°12	25°20	26°41	28°18	19°58	12°11	1°59	22°16	6°22	5°24	4°51	10°32	12°32	T 11
F 12	3 23 20	19°20'57	29° 1	26°53	27° 6	29° 3	19°52	12°12	1°56	22°15	6°21	5°20	4°47	10°39	12°33	F 12
S 13	3 27 17	20°21'23	10♒53	28°26	27°30	29°47	19°46	12°13	1°54	22°15	6°20	5°18	4°44	10°46	12°34	S 13
S 14	3 31 13	21°21'50	22°53	29°59	27°52	0♒32	19°39	12°14	1°51	22°14	6°19	5°D18	4°41	10°52	12°36	S 14
M15	3 35 10	22°22'19	5♓ 7	1♐31	28°12	1°16	19°33	12°15	1°49	22°13	6°18	5°R18	4°38	10°59	12°37	M15
T 16	3 39 6	23°22'48	17°41	3° 3	28°30	2° 1	19°26	12°16	1°47	22°13	6°17	5°17	4°35	11° 6	12°39	T 16
W17	3 43 3	24°23'20	0♈39	4°36	28°46	2°46	19°20	12°17	1°44	22°12	6°16	5°15	4°32	11°12	12°41	W17
T 18	3 47 0	25°23'52	14° 4	6° 7	29° 0	3°31	19°13	12°18	1°42	22°12	6°15	5°10	4°28	11°19	12°43	T 18
F 19	3 50 56	26°24'26	27°58	7°39	29°12	4°15	19° 6	12°18	1°39	22°11	6°14	5° 3	4°25	11°26	12°44	F 19
S 20	3 54 53	27°25'01	12♉19	9°10	29°21	5° 0	18°59	12°19	1°36	22°11	6°12	4°53	4°22	11°32	12°46	S 20
S 21	3 58 49	28°25'38	27° 2	10°41	29°29	5°45	18°52	12°19	1°34	22°10	6°11	4°41	4°19	11°39	12°48	S 21
M22	4 2 46	29°26'16	11♊59	12°12	29°34	6°30	18°44	12°20	1°31	22°10	6°10	4°29	4°16	11°46	12°50	M22
T 23	4 6 42	0♐26'55	27° 0	13°43	29°36	7°15	18°37	12°20	1°29	22° 9	6° 9	4°18	4°12	11°53	12°52	T 23
W24	4 10 39	1°27'36	11♋57	15°13	29°R37	8° 0	18°30	12°R20	1°26	22° 9	6° 8	4°10	4° 9	11°59	12°54	W24
T 25	4 14 35	2°28'19	26°40	16°43	29°35	8°45	18°22	12°20	1°24	22° 9	6° 7	4° 4	4° 6	12° 6	12°56	T 25
F 26	4 18 32	3°29'03	11♌ 5	18°12	29°30	9°30	18°14	12°19	1°21	22° 8	6° 6	4° 1	4° 3	12°13	12°59	F 26
S 27	4 22 29	4°29'49	25° 9	19°42	29°23	10°15	18° 7	12°19	1°19	22° 8	6° 5	4° 0	4° 0	12°19	13° 1	S 27
S 28	4 26 25	5°30'36	8♍52	21°11	29°13	11° 0	17°59	12°19	1°16	22° 8	6° 4	4° 0	3°57	12°26	13° 3	S 28
M29	4 30 22	6°31'25	22°16	22°39	29° 2	11°45	17°51	12°18	1°14	22° 8	6° 4	3°59	3°53	12°33	13° 6	M29
T 30	4 34 18	7♐32'15	5♎22	24♐ 7	28♐47	12♒31	17♊43	12♌18	1♊11	22♓ 8	6♉ 3	3♓57	3♓50	12♑39	13♒ 8	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s17	6n41	0s27	14s29	0n11	27s53	4s44	23s42	1s53	22n28	0s40	17n48	0n34	20n29	0s10	4s10	1s15	2s 4	16s40	9s 0	9s33	27s23	10s39	6n44
T 2	14 36	0 25	1 36	15 6	0 4	27 56	4 44	23 34	1 53	22 28	0 40	17 47	0 34	20 29	0 10	4 10	1 15	2 4	16 40	9 0	9 34	27 22	10 39	6 43
W 3	14 55	5s47	2 40	15 42	0s 3	27 58	4 44	23 26	1 52	22 28	0 40	17 47	0 34	20 28	0 10	4 11	1 15	2 4	16 40	9 2	9 35	27 21	10 39	6 43
T 4	15 14	11 38	3 33	16 17	0 10	28 0	4 44	23 18	1 51	22 27	0 40	17 46	0 34	20 28	0 10	4 11	1 15	2 5	16 40	9 4	9 36	27 20	10 39	6 42
F 5	15 33	16 55	4 16	16 52	0 16	28 1	4 43	23 9	1 50	22 27	0 40	17 46	0 35	20 27	0 10	4 11	1 15	2 5	16 40	9 8	9 38	27 19	10 40	6 42
S 6	15 51	21 24	4 44	17 26	0 23	28 2	4 42	23 0	1 49	22 27	0 40	17 45	0 35	20 27	0 10	4 12	1 15	2 5	16 40	9 12	9 39	27 18	10 40	6 41
S 7	16 9	24 51	4 59	17 58	0 29	28 2	4 41	22 51	1 48	22 26	0 40	17 45	0 35	20 26	0 10	4 12	1 15	2 5	16 40	9 17	9 40	27 17	10 40	6 41
M 8	16 27	27 7	5 0	18 30	0 36	28 2	4 39	22 42	1 47	22 26	0 40	17 45	0 35	20 26	0 10	4 12	1 15	2 6	16 40	9 22	9 41	27 16	10 40	6 40
T 9	16 44	28 5	4 47	19 1	0 42	28 1	4 38	22 33	1 46	22 26	0 40	17 44	0 35	20 26	0 10	4 13	1 15	2 6	16 40	9 26	9 42	27 15	10 40	6 40
W10	17 1	27 43	4 22	19 31	0 49	28 0	4 35	22 23	1 45	22 25	0 40	17 44	0 35	20 25	0 10	4 13	1 15	2 6	16 40	9 30	9 43	27 14	10 40	6 39
T 11	17 18	26 5	3 46	20 0	0 55	27 58	4 33	22 13	1 44	22 25	0 40	17 44	0 36	20 25	0 10	4 13	1 15	2 7	16 39	9 32	9 45	27 13	10 40	6 39
F 12	17 35	23 18	3 0	20 28	1 1	27 56	4 30	22 3	1 44	22 25	0 40	17 43	0 36	20 24	0 10	4 14	1 15	2 7	16 39	9 34	9 46	27 12	10 41	6 38
S 13	17 51	19 32	2 6	20 55	1 7	27 53	4 27	21 53	1 43	22 24	0 40	17 43	0 36	20 24	0 10	4 14	1 15	2 7	16 39	9 35	9 47	27 10	10 41	6 38
S 14	18 7	14 56	1 5	21 21	1 13	27 50	4 23	21 43	1 42	22 24	0 40	17 43	0 36	20 23	0 10	4 14	1 15	2 7	16 39	9 35	9 48	27 9	10 41	6 37
M15	18 23	9 39	0 1	21 46	1 19	27 46	4 19	21 32	1 41	22 23	0 40	17 43	0 36	20 23	0 10	4 14	1 15	2 7	16 39	9 35	9 49	27 8	10 41	6 37
T 16	18 38	3 52	1n 5	22 10	1 25	27 42	4 15	21 21	1 40	22 23	0 40	17 43	0 36	20 22	0 10	4 14	1 15	2 8	16 39	9 35	9 50	27 7	10 41	6 36
W17	18 53	2n15	2 10	22 33	1 30	27 37	4 10	21 10	1 39	22 22	0 40	17 43	0 36	20 22	0 10	4 15	1 15	2 8	16 39	9 36	9 52	27 6	10 41	6 36
T 18	19 8	8 28	3 10	22 55	1 35	27 32	4 4	20 58	1 38	22 22	0 39	17 43	0 37	20 21	0 10	4 15	1 15	2 8	16 39	9 37	9 53	27 5	10 41	6 36
F 19	19 22	14 30	4 0	23 15	1 40	27 26	3 59	20 47	1 37	22 21	0 39	17 43	0 37	20 21	0 10	4 15	1 15	2 8	16 39	9 40	9 54	27 4	10 41	6 35
S 20	19 36	19 57	4 37	23 35	1 45	27 20	3 52	20 35	1 36	22 21	0 39	17 43	0 37	20 20	0 10	4 15	1 15	2 9	16 38	9 44	9 55	27 3	10 41	6 35
S 21	19 50	24 20	4 57	23 53	1 50	27 13	3 46	20 23	1 35	22 20	0 39	17 43	0 37	20 20	0 10	4 15	1 15	2 9	16 38	9 48	9 56	27 2	10 40	6 34
M22	20 3	27 9	4 57	24 10	1 54	27 6	3 38	20 11	1 34	22 20	0 39	17 43	0 37	20 19	0 10	4 15	1 15	2 9	16 38	9 52	9 57	27 0	10 40	6 34
T 23	20 16	28 3	4 37	24 25	1 58	26 58	3 31	19 59	1 33	22 19	0 39	17 43	0 37	20 19	0 10	4 16	1 15	2 9	16 38	9 56	9 58	26 59	10 40	6 33
W24	20 28	26 52	3 58	24 40	2 2	26 50	3 22	19 46	1 32	22 19	0 39	17 43	0 38	20 18	0 10	4 16	1 15	2 9	16 38	10 0	10 0	26 58	10 40	6 33
T 25	20 40	23 50	3 3	24 53	2 6	26 41	3 13	19 33	1 31	22 18	0 39	17 43	0 38	20 18	0 10	4 16	1 15	2 9	16 38	10 2	10 1	26 57	10 40	6 32
F 26	20 52	19 21	1 58	25 5	2 9	26 32	3 4	19 20	1 30	22 18	0 39	17 44	0 38	20 17	0 10	4 16	1 15	2 9	16 37	10 3	10 2	26 56	10 40	6 32
S 27	21 3	13 53	0 47	25 15	2 12	26 22	2 54	19 7	1 29	22 17	0 39	17 44	0 38	20 17	0 10	4 16	1 15	2 10	16 37	10 3	10 3	26 55	10 39	6 32
S 28	21 14	7 51	0s26	25 25	2 15	26 11	2 44	18 54	1 28	22 17	0 39	17 44	0 38	20 16	0 10	4 16	1 15	2 10	16 37	10 3	10 4	26 53	10 39	6 31
M29	21 25	1 37	1 35	25 32	2 17	26 0	2 33	18 40	1 27	22 16	0 38	17 44	0 38	20 16	0 10	4 16	1 15	2 10	16 37	10 3	10 5	26 52	10 39	6 31
T 30	21s35	4s33	2s37	25s39	2s19	25s49	2s21	18s27	1s26	22n15	0s38	17n45	0n39	20n15	0s10	4s16	1s15	2s10	16s37	10s 4	10s 7	26s51	10s39	6n30

Julian Day Number = 2399984.5, Delta T = 9.24 sec
Ecliptic obliquity = 23°27'36, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°46'08, Lahiri = 21°53'09

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ASTRODIENST EPHEMERIS for the year 1858
geocentric

DECEMBER 1858 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 38 15	8♐33'06	18♎14	25♐34	28°R30	13♒16	17°R35	12°R17	1°R 9	22°R 8	6°R 2	3°R52	3♓47	12♑46	13♒11	W 1
T 2	4 42 11	9°33'59	0♏54	27° 1	28♐11	14° 1	17♊27	12♌16	1♊ 6	22♓ 8	6♉ 1	3♓44	3°44	12°53	13°13	T 2
F 3	4 46 8	10°34'54	13°23	28°26	27°50	14°46	17°19	12°15	1° 4	22° 7	6° 0	3°33	3°41	12°59	13°16	F 3
S 4	4 50 4	11°35'49	25°43	29°51	27°26	15°32	17°11	12°14	1° 1	22°D 7	5°59	3°20	3°38	13° 6	13°19	S 4
S 5	4 54 1	12°36'46	7♐55	1♑14	27° 1	16°17	17° 3	12°13	0°59	22° 7	5°58	3° 5	3°34	13°13	13°21	S 5
M 6	4 57 58	13°37'43	19°59	2°37	26°33	17° 2	16°55	12°11	0°56	22° 8	5°57	2°50	3°31	13°20	13°24	M 6
T 7	5 1 54	14°38'42	1♑56	3°57	26° 4	17°48	16°47	12°10	0°54	22° 8	5°56	2°37	3°28	13°26	13°27	T 7
W 8	5 5 51	15°39'42	13°48	5°16	25°33	18°33	16°38	12° 8	0°52	22° 8	5°55	2°26	3°25	13°33	13°30	W 8
T 9	5 9 47	16°40'42	25°36	6°33	25° 0	19°19	16°30	12° 7	0°49	22° 8	5°55	2°17	3°22	13°40	13°33	T 9
F 10	5 13 44	17°41'43	7♒24	7°47	24°27	20° 4	16°22	12° 5	0°47	22° 8	5°54	2°12	3°18	13°46	13°36	F 10
S 11	5 17 40	18°42'44	19°15	8°59	23°52	20°49	16°14	12° 3	0°44	22° 8	5°53	2° 9	3°15	13°53	13°39	S 11
S 12	5 21 37	19°43'46	1♓13	10° 7	23°16	21°35	16° 6	12° 1	0°42	22° 9	5°52	2°D 8	3°12	14° 0	13°42	S 12
M13	5 25 33	20°44'49	13°24	11°11	22°40	22°20	15°58	11°59	0°40	22° 9	5°51	2° 8	3° 9	14° 6	13°45	M13
T 14	5 29 30	21°45'52	25°52	12°11	22° 4	23° 6	15°49	11°57	0°37	22° 9	5°51	2°R 8	3° 6	14°13	13°48	T 14
W15	5 33 27	22°46'55	8♈44	13° 6	21°27	23°51	15°41	11°55	0°35	22°10	5°50	2° 7	3° 3	14°20	13°51	W15
T 16	5 37 23	23°47'59	22° 3	13°56	20°51	24°37	15°33	11°52	0°33	22°10	5°49	2° 4	2°59	14°26	13°55	T 16
F 17	5 41 20	24°49'03	5♉52	14°38	20°15	25°22	15°25	11°50	0°31	22°11	5°49	1°58	2°56	14°33	13°58	F 17
S 18	5 45 16	25°50'07	20°12	15°13	19°40	26° 8	15°17	11°47	0°28	22°11	5°48	1°50	2°53	14°40	14° 1	S 18
S 19	5 49 13	26°51'12	4♊58	15°40	19° 5	26°53	15°10	11°45	0°26	22°12	5°47	1°40	2°50	14°47	14° 5	S 19
M20	5 53 9	27°52'18	20° 5	15°58	18°32	27°39	15° 2	11°42	0°24	22°12	5°47	1°30	2°47	14°53	14° 8	M20
T 21	5 57 6	28°53'24	5♋22	16°R 5	18° 1	28°25	14°54	11°39	0°22	22°13	5°46	1°20	2°44	15° 0	14°12	T 21
W22	6 1 3	29°54'30	20°38	16° 2	17°31	29°10	14°46	11°36	0°20	22°13	5°45	1°13	2°40	15° 7	14°15	W22
T 23	6 4 59	0♑55'37	5♌42	15°47	17° 2	29°56	14°39	11°33	0°18	22°14	5°45	1° 8	2°37	15°13	14°19	T 23
F 24	6 8 56	1°56'44	20°27	15°21	16°36	0♓41	14°31	11°30	0°16	22°15	5°44	1° 5	2°34	15°20	14°23	F 24
S 25	6 12 52	2°57'52	4♍46	14°42	16°12	1°27	14°24	11°27	0°14	22°15	5°44	1°D 5	2°31	15°27	14°26	S 25
S 26	6 16 49	3°59'00	18°40	13°53	15°50	2°12	14°17	11°23	0°12	22°16	5°43	1° 5	2°28	15°33	14°30	S 26
M27	6 20 45	5° 0'09	2♎ 8	12°53	15°30	2°58	14°10	11°20	0°10	22°17	5°43	1°R 6	2°24	15°40	14°34	M27
T 28	6 24 42	6° 1'18	15°13	11°44	15°13	3°43	14° 2	11°16	0° 8	22°18	5°42	1° 6	2°21	15°47	14°37	T 28
W29	6 28 38	7° 2'28	27°59	10°29	14°58	4°29	13°55	11°13	0° 6	22°19	5°42	1° 3	2°18	15°53	14°41	W29
T 30	6 32 35	8° 3'38	10♏29	9° 9	14°45	5°14	13°49	11° 9	0° 4	22°19	5°41	0°58	2°15	16° 0	14°45	T 30
F 31	6 36 32	9♑ 4'48	22♏47	7♑47	14♐35	6♓ 0	13♊42	11♌ 5	0♊ 2	22♓20	5♉41	0♓51	2♓12	16♑ 7	14♒49	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s45	10s24	3s31	25s44	2s21	25s36	2s 9	18s13	1s25	22n15	0s38	17n45	0n39	20n15	0s10	4s16	1s15	2s10	16s37	10s 6	10s 8	26s50	10s38	6n30
T 2	21 54	15 44	4 13	25 47	2 22	25 24	1 57	17 59	1 24	22 14	0 38	17 45	0 39	20 14	0 10	4 16	1 15	2 10	16 36	10 9	10 9	26 49	10 38	6 29
F 3	22 3	20 20	4 42	25 49	2 22	25 10	1 44	17 45	1 23	22 13	0 38	17 46	0 39	20 14	0 10	4 16	1 15	2 10	16 36	10 13	10 10	26 47	10 38	6 29
S 4	22 12	24 1	4 57	25 50	2 22	24 56	1 30	17 30	1 22	22 13	0 38	17 46	0 39	20 13	0 10	4 16	1 14	2 10	16 36	10 18	10 11	26 46	10 37	6 29
S 5	22 20	26 33	4 59	25 49	2 22	24 42	1 16	17 16	1 21	22 12	0 38	17 47	0 39	20 13	0 10	4 16	1 14	2 10	16 36	10 23	10 12	26 45	10 37	6 28
M 6	22 27	27 51	4 47	25 47	2 21	24 27	1 2	17 1	1 20	22 11	0 38	17 47	0 40	20 12	0 10	4 16	1 14	2 10	16 35	10 28	10 13	26 44	10 37	6 28
T 7	22 35	27 49	4 22	25 43	2 19	24 12	0 48	16 46	1 19	22 11	0 38	17 48	0 40	20 12	0 10	4 16	1 14	2 10	16 35	10 33	10 15	26 42	10 36	6 27
W 8	22 41	26 30	3 46	25 38	2 17	23 56	0 33	16 31	1 18	22 10	0 37	17 49	0 40	20 11	0 10	4 16	1 14	2 10	16 35	10 37	10 16	26 41	10 36	6 27
T 9	22 48	24 0	3 1	25 31	2 14	23 39	0 17	16 16	1 17	22 9	0 37	17 49	0 40	20 11	0 10	4 16	1 14	2 10	16 35	10 40	10 17	26 40	10 35	6 27
F 10	22 53	20 29	2 7	25 23	2 10	23 23	0 2	16 1	1 16	22 9	0 37	17 50	0 40	20 10	0 10	4 16	1 14	2 11	16 34	10 42	10 18	26 39	10 35	6 26
S 11	22 59	16 8	1 8	25 14	2 5	23 5	0n14	15 45	1 15	22 8	0 37	17 50	0 40	20 10	0 10	4 15	1 14	2 11	16 34	10 43	10 19	26 37	10 34	6 26
S 12	23 4	11 8	0 5	25 4	1 59	22 48	0 29	15 30	1 14	22 7	0 37	17 51	0 41	20 9	0 10	4 15	1 14	2 11	16 34	10 43	10 20	26 36	10 34	6 26
M13	23 8	5 37	1n 0	24 52	1 53	22 31	0 45	15 14	1 13	22 7	0 37	17 52	0 41	20 9	0 10	4 15	1 14	2 11	16 34	10 43	10 22	26 35	10 33	6 25
T 14	23 12	0n14	2 3	24 39	1 45	22 13	1 1	14 58	1 12	22 6	0 37	17 53	0 41	20 8	0 10	4 15	1 14	2 10	16 33	10 43	10 23	26 33	10 33	6 25
W15	23 16	6 15	3 2	24 25	1 37	21 55	1 16	14 42	1 11	22 5	0 36	17 53	0 41	20 8	0 10	4 15	1 14	2 10	16 33	10 44	10 24	26 32	10 32	6 24
T 16	23 19	12 12	3 53	24 10	1 27	21 38	1 31	14 26	1 10	22 5	0 36	17 54	0 41	20 7	0 10	4 15	1 14	2 10	16 33	10 45	10 25	26 31	10 32	6 24
F 17	23 21	17 46	4 33	23 55	1 16	21 20	1 46	14 10	1 9	22 4	0 36	17 55	0 41	20 7	0 10	4 14	1 14	2 10	16 33	10 47	10 26	26 30	10 31	6 24
S 18	23 24	22 34	4 57	23 39	1 4	21 3	2 1	13 53	1 8	22 3	0 36	17 56	0 42	20 6	0 10	4 14	1 14	2 10	16 32	10 50	10 27	26 28	10 30	6 23
S 19	23 25	26 6	5 3	23 22	0 50	20 46	2 16	13 37	1 7	22 2	0 36	17 57	0 42	20 6	0 10	4 14	1 14	2 10	16 32	10 53	10 28	26 27	10 30	6 23
M20	23 27	27 52	4 48	23 6	0 36	20 29	2 30	13 20	1 6	22 2	0 36	17 58	0 42	20 6	0 10	4 14	1 14	2 10	16 32	10 57	10 30	26 26	10 29	6 23
T 21	23 27	27 33	4 12	22 49	0 20	20 13	2 43	13 4	1 5	22 1	0 35	17 59	0 42	20 5	0 10	4 13	1 14	2 10	16 31	11 1	10 31	26 24	10 29	6 22
W22	23 28	25 8	3 18	22 32	0 3	19 57	2 56	12 47	1 4	22 0	0 35	18 0	0 42	20 5	0 10	4 13	1 14	2 10	16 31	11 3	10 32	26 23	10 28	6 22
T 23	23 27	20 59	2 11	22 16	0n15	19 42	3 9	12 30	1 4	22 0	0 35	18 1	0 42	20 4	0 10	4 13	1 14	2 10	16 31	11 5	10 33	26 21	10 27	6 22
F 24	23 27	15 35	0 57	22 0	0 34	19 27	3 21	12 13	1 3	21 59	0 35	18 2	0 43	20 4	0 10	4 13	1 14	2 10	16 31	11 6	10 34	26 20	10 26	6 21
S 25	23 26	9 28	0s20	21 45	0 54	19 14	3 32	11 56	1 2	21 58	0 35	18 3	0 43	20 3	0 10	4 12	1 14	2 10	16 30	11 6	10 35	26 19	10 26	6 21
S 26	23 24	3 4	1 33	21 31	1 14	19 1	3 43	11 38	1 1	21 58	0 35	18 4	0 43	20 3	0 10	4 12	1 14	2 10	16 30	11 6	10 36	26 17	10 25	6 21
M27	23 22	3s16	2 38	21 17	1 33	18 48	3 53	11 21	1 0	21 57	0 34	18 5	0 43	20 3	0 10	4 12	1 14	2 9	16 30	11 6	10 38	26 16	10 24	6 21
T 28	23 19	9 17	3 34	21 5	1 52	18 37	4 3	11 4	0 59	21 56	0 34	18 6	0 43	20 2	0 10	4 11	1 14	2 9	16 29	11 6	10 39	26 14	10 23	6 20
W29	23 16	14 46	4 17	20 53	2 10	18 27	4 12	10 46	0 58	21 56	0 34	18 7	0 43	20 2	0 10	4 11	1 14	2 9	16 29	11 7	10 40	26 13	10 23	6 20
T 30	23 13	19 31	4 47	20 43	2 26	18 17	4 20	10 29	0 57	21 55	0 34	18 8	0 43	20 2	0 10	4 10	1 14	2 9	16 29	11 8	10 41	26 12	10 22	6 20
F 31	23s 9	23s22	5s 3	20s33	2n41	18s 8	4n28	10s11	0s56	21n54	0s34	18n10	0n44	20n 1	0s10	4s10	1s14	2s 9	16s28	11s11	10s42	26s10	10s21	6n19

Julian Day Number = 2400014.5, Delta T = 9.22 sec
Ecliptic obliquity = 23°27'35, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°46'13, Lahiri = 21°53'13

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ASTRODIENST EPHEMERIS for the year 1859
geocentric

JANUARY 1859 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 40 28	10♑ 5'59	4♐55	6°R27	14°R28	6♓45	13°R35	11°R 2	0°R 1	22♓21	5°R40	0°R42	2♓ 9	16♑14	14♒53	S 1
S 2	6 44 25	11° 7'10	16°55	5♑ 9	14♐23	7°31	13♊29	10♌58	29♉59	22°22	5♉40	0♓32	2° 5	16°20	14°57	S 2
M 3	6 48 21	12° 8'22	28°51	3°58	14°20	8°16	13°23	10°54	29°57	22°23	5°40	0°22	2° 2	16°27	15° 1	M 3
T 4	6 52 18	13° 9'33	10♑43	2°54	14°D20	9° 2	13°16	10°50	29°55	22°24	5°39	0°13	1°59	16°34	15° 5	T 4
W 5	6 56 14	14°10'44	22°32	1°59	14°22	9°47	13°10	10°46	29°54	22°25	5°39	0° 5	1°56	16°40	15° 9	W 5
T 6	7 0 11	15°11'55	4♒21	1°13	14°27	10°32	13° 4	10°42	29°52	22°26	5°39	29♒59	1°53	16°47	15°13	T 6
F 7	7 4 7	16°13'05	16°12	0°38	14°34	11°18	12°59	10°38	29°51	22°28	5°38	29°56	1°50	16°54	15°17	F 7
S 8	7 8 4	17°14'15	28° 7	0°12	14°44	12° 3	12°53	10°33	29°49	22°29	5°38	29°D55	1°46	17° 0	15°21	S 8
S 9	7 12 1	18°15'25	10♓ 8	29♐57	14°55	12°49	12°48	10°29	29°48	22°30	5°38	29°55	1°43	17° 7	15°25	S 9
M10	7 15 57	19°16'34	22°21	29°D50	15° 9	13°34	12°43	10°25	29°46	22°31	5°38	29°57	1°40	17°14	15°29	M10
T 11	7 19 54	20°17'43	4♈49	29°52	15°25	14°20	12°37	10°20	29°45	22°32	5°37	29°59	1°37	17°20	15°33	T 11
W12	7 23 50	21°18'51	17°37	0♑ 3	15°42	15° 5	12°33	10°16	29°44	22°34	5°37	29°R59	1°34	17°27	15°38	W12
T 13	7 27 47	22°19'58	0♉48	0°21	16° 2	15°50	12°28	10°11	29°43	22°35	5°37	29°59	1°30	17°34	15°42	T 13
F 14	7 31 43	23°21'05	14°27	0°46	16°24	16°36	12°23	10° 7	29°41	22°36	5°37	29°57	1°27	17°40	15°46	F 14
S 15	7 35 40	24°22'10	28°33	1°17	16°47	17°21	12°19	10° 2	29°40	22°38	5°37	29°54	1°24	17°47	15°50	S 15
S 16	7 39 36	25°23'16	13♊ 7	1°54	17°13	18° 6	12°15	9°57	29°39	22°39	5°37	29°49	1°21	17°54	15°55	S 16
M17	7 43 33	26°24'20	28° 4	2°35	17°40	18°51	12°11	9°53	29°38	22°41	5°37	29°44	1°18	18° 0	15°59	M17
T 18	7 47 30	27°25'24	13♋16	3°22	18° 9	19°37	12° 7	9°48	29°37	22°42	5°37	29°39	1°15	18° 7	16° 3	T 18
W19	7 51 26	28°26'27	28°33	4°12	18°39	20°22	12° 4	9°43	29°36	22°44	5°37	29°35	1°11	18°14	16° 8	W19
T 20	7 55 23	29°27'29	13♌45	5° 6	19°11	21° 7	12° 0	9°38	29°35	22°45	5°D37	29°33	1° 8	18°21	16°12	T 20
F 21	7 59 19	0♒28'31	28°42	6° 4	19°44	21°52	11°57	9°34	29°34	22°47	5°37	29°D32	1° 5	18°27	16°16	F 21
S 22	8 3 16	1°29'31	13♍16	7° 5	20°19	22°37	11°54	9°29	29°33	22°48	5°37	29°32	1° 2	18°34	16°21	S 22
S 23	8 7 12	2°30'32	27°24	8° 8	20°55	23°22	11°51	9°24	29°32	22°50	5°37	29°34	0°59	18°41	16°25	S 23
M24	8 11 9	3°31'31	11♎ 4	9°14	21°33	24° 8	11°48	9°19	29°32	22°51	5°37	29°36	0°56	18°47	16°30	M24
T 25	8 15 5	4°32'31	24°18	10°22	22°11	24°53	11°46	9°14	29°31	22°53	5°37	29°37	0°52	18°54	16°34	T 25
W26	8 19 2	5°33'29	7♏ 8	11°32	22°51	25°38	11°44	9° 9	29°30	22°55	5°37	29°R37	0°49	19° 1	16°38	W26
T 27	8 22 59	6°34'27	19°38	12°44	23°33	26°23	11°42	9° 4	29°30	22°56	5°37	29°36	0°46	19° 7	16°43	T 27
F 28	8 26 55	7°35'25	1♐52	13°58	24°15	27° 8	11°40	8°59	29°29	22°58	5°37	29°35	0°43	19°14	16°47	F 28
S 29	8 30 52	8°36'22	13°55	15°13	24°58	27°53	11°38	8°55	29°29	23° 0	5°38	29°32	0°40	19°21	16°52	S 29
S 30	8 34 48	9°37'18	25°50	16°30	25°43	28°37	11°37	8°50	29°28	23° 2	5°38	29°29	0°36	19°27	16°56	S 30
M31	8 38 45	10♒38'13	7♑40	17♑49	26♐28	29♓22	11♊36	8♌45	29♉28	23♓ 3	5♉38	29♒25	0♓33	19♑34	17♒ 1	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 5	26s 8	5s 5	20s26	2n53	18s 0	4n35	9s53	0s55	21n54	0s33	18n11	0n44	20n 1	0s10	4s10	1s14	2s 9	16s28	11s14	10s43	26s 9	10s20	6n19
S 2	23 0	27 41	4 54	20 19	3 2	17 53	4 41	9 35	0 54	21 53	0 33	18 12	0 44	20 0	0 10	4 9	1 13	2 8	16 28	11 17	10 44	26 7	10 19	6 19
M 3	22 54	27 57	4 30	20 15	3 9	17 47	4 47	9 17	0 53	21 53	0 33	18 13	0 44	20 0	0 10	4 9	1 13	2 8	16 27	11 21	10 46	26 6	10 18	6 19
T 4	22 49	26 55	3 54	20 12	3 14	17 42	4 53	8 59	0 52	21 52	0 33	18 14	0 44	20 0	0 10	4 8	1 13	2 8	16 27	11 24	10 47	26 4	10 17	6 18
W 5	22 42	24 40	3 8	20 10	3 16	17 37	4 58	8 41	0 51	21 52	0 33	18 16	0 44	19 59	0 10	4 8	1 13	2 8	16 27	11 27	10 48	26 3	10 16	6 18
T 6	22 36	21 21	2 14	20 11	3 17	17 33	5 2	8 23	0 50	21 51	0 32	18 17	0 44	19 59	0 10	4 7	1 13	2 8	16 26	11 29	10 49	26 2	10 16	6 18
F 7	22 28	17 10	1 14	20 13	3 15	17 30	5 6	8 5	0 49	21 51	0 32	18 18	0 45	19 59	0 9	4 7	1 13	2 7	16 26	11 30	10 50	26 0	10 15	6 18
S 8	22 21	12 18	0 10	20 16	3 11	17 28	5 9	7 47	0 48	21 50	0 32	18 19	0 45	19 59	0 9	4 7	1 13	2 7	16 26	11 31	10 51	25 59	10 14	6 18
S 9	22 13	6 55	0n55	20 21	3 6	17 26	5 12	7 29	0 47	21 50	0 32	18 21	0 45	19 58	0 9	4 6	1 13	2 7	16 25	11 30	10 52	25 57	10 13	6 17
M10	22 4	1 13	1 59	20 27	3 0	17 25	5 15	7 10	0 46	21 49	0 32	18 22	0 45	19 58	0 9	4 6	1 13	2 7	16 25	11 30	10 53	25 56	10 12	6 17
T 11	21 55	4n39	2 58	20 34	2 53	17 25	5 17	6 52	0 45	21 49	0 31	18 23	0 45	19 58	0 9	4 5	1 13	2 6	16 25	11 29	10 55	25 54	10 11	6 17
W12	21 46	10 28	3 51	20 42	2 45	17 25	5 18	6 33	0 44	21 48	0 31	18 25	0 45	19 57	0 9	4 4	1 13	2 6	16 24	11 29	10 56	25 53	10 10	6 17
T 13	21 36	16 1	4 32	20 51	2 37	17 26	5 19	6 15	0 43	21 48	0 31	18 26	0 45	19 57	0 9	4 4	1 13	2 6	16 24	11 29	10 57	25 51	10 9	6 17
F 14	21 26	20 58	5 0	20 59	2 28	17 27	5 20	5 57	0 42	21 47	0 31	18 27	0 46	19 57	0 9	4 3	1 13	2 5	16 24	11 30	10 58	25 50	10 8	6 16
S 15	21 16	24 55	5 12	21 9	2 19	17 29	5 21	5 38	0 41	21 47	0 31	18 29	0 46	19 57	0 9	4 3	1 13	2 5	16 23	11 31	10 59	25 48	10 7	6 16
S 16	21 5	27 24	5 3	21 18	2 9	17 31	5 21	5 19	0 40	21 47	0 30	18 30	0 46	19 56	0 9	4 2	1 13	2 5	16 23	11 33	11 0	25 46	10 5	6 16
M17	20 53	28 1	4 35	21 27	1 59	17 34	5 21	5 1	0 39	21 46	0 30	18 32	0 46	19 56	0 9	4 2	1 13	2 5	16 23	11 35	11 1	25 45	10 4	6 16
T 18	20 42	26 33	3 46	21 36	1 49	17 37	5 20	4 42	0 38	21 46	0 30	18 33	0 46	19 56	0 9	4 1	1 13	2 4	16 22	11 36	11 3	25 43	10 3	6 16
W19	20 29	23 6	2 42	21 44	1 39	17 40	5 19	4 24	0 37	21 46	0 30	18 34	0 46	19 56	0 9	4 0	1 13	2 4	16 22	11 38	11 4	25 42	10 2	6 15
T 20	20 17	18 5	1 25	21 52	1 30	17 44	5 18	4 5	0 36	21 46	0 30	18 36	0 46	19 56	0 9	4 0	1 13	2 4	16 21	11 38	11 5	25 40	10 1	6 15
F 21	20 4	12 1	0 5	22 0	1 20	17 48	5 17	3 46	0 35	21 45	0 29	18 37	0 46	19 55	0 9	3 59	1 13	2 3	16 21	11 39	11 6	25 39	10 0	6 15
S 22	19 51	5 26	1s15	22 7	1 10	17 52	5 15	3 28	0 35	21 45	0 29	18 39	0 47	19 55	0 9	3 58	1 13	2 3	16 21	11 39	11 7	25 37	9 59	6 15
S 23	19 37	1s13	2 27	22 13	1 0	17 56	5 14	3 9	0 34	21 45	0 29	18 40	0 47	19 55	0 9	3 58	1 13	2 3	16 20	11 38	11 8	25 35	9 58	6 15
M24	19 23	7 35	3 29	22 18	0 50	18 0	5 12	2 50	0 33	21 45	0 29	18 41	0 47	19 55	0 9	3 57	1 13	2 2	16 20	11 37	11 9	25 34	9 56	6 15
T 25	19 9	13 25	4 17	22 23	0 41	18 5	5 9	2 31	0 32	21 45	0 28	18 43	0 47	19 55	0 9	3 57	1 13	2 2	16 20	11 37	11 10	25 32	9 55	6 15
W26	18 54	18 29	4 51	22 26	0 32	18 10	5 7	2 13	0 31	21 45	0 28	18 44	0 47	19 55	0 9	3 56	1 13	2 1	16 19	11 37	11 12	25 31	9 54	6 15
T 27	18 39	22 38	5 10	22 29	0 22	18 14	5 4	1 54	0 30	21 45	0 28	18 46	0 47	19 55	0 9	3 55	1 13	2 1	16 19	11 37	11 13	25 29	9 53	6 14
F 28	18 23	25 41	5 14	22 30	0 13	18 19	5 1	1 35	0 29	21 45	0 28	18 47	0 47	19 55	0 9	3 54	1 13	2 1	16 19	11 38	11 14	25 27	9 52	6 14
S 29	18 8	27 32	5 5	22 31	0 5	18 24	4 58	1 17	0 28	21 45	0 28	18 48	0 47	19 54	0 9	3 54	1 13	2 0	16 18	11 39	11 15	25 26	9 50	6 14
S 30	17 51	28 6	4 42	22 30	0s 4	18 28	4 55	0 58	0 27	21 45	0 27	18 50	0 47	19 54	0 9	3 53	1 13	2 0	16 18	11 40	11 16	25 24	9 49	6 14
M31	17s35	27s22	4s 8	22s29	0s12	18s33	4n52	0s39	0s26	21n45	0s27	18n51	0n48	19n54	0s 9	3s52	1s13	1s59	16s18	11s41	11s17	25s23	9s48	6n14

Julian Day Number = 2400045.5, Delta T = 9.20 sec
Ecliptic obliquity = 23°27'35, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°46'17, Lahiri = 21°53'17

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ASTRODIENST EPHEMERIS for the year 1859
geocentric

FEBRUARY 1859 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 42 41	11♒39'07	19♑29	19♑ 8	27♐14	0♈ 7	11°R35	8°R40	29°R28	23♓ 5	5♉38	29°R22	0♓30	19♑41	17♒ 5	T 1
W 2	8 46 38	12°40'00	1♒19	20°29	28° 2	0°52	11♊34	8♌35	29♉27	23° 7	5°39	29♒20	0°27	19°47	17°10	W 2
T 3	8 50 35	13°40'52	13°12	21°51	28°50	1°37	11°33	8°30	29°27	23° 9	5°39	29°18	0°24	19°54	17°14	T 3
F 4	8 54 31	14°41'43	25° 9	23°14	29°39	2°22	11°33	8°25	29°27	23°11	5°39	29°D17	0°21	20° 1	17°19	F 4
S 5	8 58 28	15°42'33	7♓14	24°39	0♑28	3° 6	11°D33	8°20	29°27	23°13	5°40	29°18	0°17	20° 7	17°23	S 5
S 6	9 2 24	16°43'21	19°27	26° 4	1°19	3°51	11°33	8°15	29°27	23°14	5°40	29°18	0°14	20°14	17°28	S 6
M 7	9 6 21	17°44'08	1♈50	27°30	2°10	4°36	11°33	8°11	29°D27	23°16	5°40	29°19	0°11	20°21	17°32	M 7
T 8	9 10 17	18°44'53	14°28	28°57	3° 2	5°20	11°33	8° 6	29°27	23°18	5°41	29°20	0° 8	20°27	17°37	T 8
W 9	9 14 14	19°45'37	27°21	0♒25	3°55	6° 5	11°34	8° 1	29°27	23°20	5°41	29°21	0° 5	20°34	17°41	W 9
T 10	9 18 10	20°46'19	10♉32	1°55	4°48	6°50	11°35	7°56	29°27	23°22	5°42	29°22	0° 2	20°41	17°46	T 10
F 11	9 22 7	21°46'59	24° 4	3°25	5°42	7°34	11°36	7°52	29°27	23°24	5°42	29°R22	29♒58	20°47	17°50	F 11
S 12	9 26 4	22°47'38	7♊58	4°55	6°36	8°19	11°37	7°47	29°28	23°26	5°43	29°22	29°55	20°54	17°55	S 12
S 13	9 30 0	23°48'16	22°14	6°27	7°32	9° 3	11°38	7°42	29°28	23°28	5°43	29°21	29°52	21° 1	17°59	S 13
M14	9 33 57	24°48'51	6♋49	8° 0	8°27	9°48	11°40	7°38	29°28	23°30	5°44	29°21	29°49	21° 7	18° 4	M14
T 15	9 37 53	25°49'25	21°39	9°33	9°23	10°32	11°42	7°33	29°29	23°32	5°44	29°20	29°46	21°14	18° 8	T 15
W16	9 41 50	26°49'57	6♌39	11° 8	10°20	11°16	11°44	7°29	29°29	23°34	5°45	29°20	29°42	21°21	18°13	W16
T 17	9 45 46	27°50'27	21°38	12°43	11°17	12° 1	11°46	7°24	29°30	23°37	5°45	29°20	29°39	21°28	18°17	T 17
F 18	9 49 43	28°50'56	6♍30	14°20	12°15	12°45	11°48	7°20	29°30	23°39	5°46	29°20	29°36	21°34	18°22	F 18
S 19	9 53 39	29°51'23	21° 6	15°57	13°13	13°29	11°51	7°15	29°31	23°41	5°47	29°20	29°33	21°41	18°26	S 19
S 20	9 57 36	0♓51'48	5♎20	17°35	14°12	14°13	11°54	7°11	29°32	23°43	5°47	29°20	29°30	21°48	18°30	S 20
M21	10 1 33	1°52'13	19°10	19°14	15°11	14°58	11°57	7° 7	29°33	23°45	5°48	29°20	29°27	21°54	18°35	M21
T 22	10 5 29	2°52'35	2♏33	20°54	16°11	15°42	12° 0	7° 3	29°33	23°47	5°49	29°19	29°23	22° 1	18°39	T 22
W23	10 9 26	3°52'57	15°31	22°35	17°11	16°26	12° 3	6°59	29°34	23°49	5°49	29°19	29°20	22° 8	18°44	W23
T 24	10 13 22	4°53'17	28° 6	24°17	18°11	17°10	12° 7	6°55	29°35	23°51	5°50	29°19	29°17	22°14	18°48	T 24
F 25	10 17 19	5°53'35	10♐23	26° 0	19°12	17°54	12°10	6°51	29°36	23°54	5°51	29°D19	29°14	22°21	18°52	F 25
S 26	10 21 15	6°53'52	22°27	27°44	20°13	18°38	12°14	6°47	29°37	23°56	5°52	29°19	29°11	22°28	18°57	S 26
S 27	10 25 12	7°54'08	4♑20	29°29	21°14	19°22	12°18	6°43	29°38	23°58	5°52	29°20	29° 8	22°34	19° 1	S 27
M28	10 29 8	8♓54'22	16♑ 9	1♓15	22♑16	20♈ 6	12♊23	6♌39	29♉39	24♓ 0	5♉53	29♒20	29♒ 4	22♑41	19♒ 5	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s18	25s23	3s23	22s26	0s20	18s38	4n48	0s20	0s25	21n45	0s27	18n53	0n48	19n54	0s 9	3s52	1s13	1s59	16s17	11s42	11s18	25s21	9s47	6n14
W 2	17 1	22 18	2 29	22 22	0 28	18 42	4 45	0 2	0 25	21 45	0 27	18 54	0 48	19 54	0 9	3 51	1 13	1 59	16 17	11 43	11 19	25 19	9 45	6 14
T 3	16 44	18 17	1 28	22 16	0 36	18 47	4 41	0n17	0 24	21 45	0 27	18 55	0 48	19 54	0 9	3 50	1 13	1 58	16 17	11 44	11 21	25 18	9 44	6 14
F 4	16 26	13 30	0 23	22 10	0 43	18 51	4 37	0 35	0 23	21 45	0 26	18 57	0 48	19 54	0 9	3 49	1 13	1 58	16 16	11 44	11 22	25 16	9 43	6 14
S 5	16 8	8 11	0n44	22 2	0 50	18 55	4 33	0 54	0 22	21 45	0 26	18 58	0 48	19 54	0 9	3 49	1 13	1 57	16 16	11 44	11 23	25 14	9 42	6 14
S 6	15 50	2 30	1 49	21 53	0 57	18 59	4 29	1 13	0 21	21 45	0 26	18 59	0 48	19 54	0 9	3 48	1 13	1 57	16 15	11 44	11 24	25 13	9 40	6 14
M 7	15 32	3n21	2 51	21 43	1 4	19 2	4 24	1 31	0 20	21 46	0 26	19 1	0 48	19 54	0 9	3 47	1 13	1 56	16 15	11 43	11 25	25 11	9 39	6 14
T 8	15 13	9 10	3 45	21 32	1 10	19 5	4 20	1 50	0 19	21 46	0 26	19 2	0 48	19 54	0 9	3 46	1 13	1 56	16 15	11 43	11 26	25 9	9 38	6 14
W 9	14 54	14 43	4 29	21 19	1 16	19 9	4 16	2 8	0 18	21 46	0 25	19 3	0 48	19 54	0 9	3 45	1 13	1 55	16 14	11 42	11 27	25 7	9 36	6 14
T 10	14 35	19 45	5 1	21 5	1 22	19 11	4 11	2 27	0 18	21 47	0 25	19 5	0 48	19 54	0 9	3 45	1 13	1 55	16 14	11 42	11 28	25 6	9 35	6 14
F 11	14 15	23 54	5 16	20 49	1 27	19 14	4 6	2 45	0 17	21 47	0 25	19 6	0 49	19 54	0 9	3 44	1 13	1 55	16 14	11 42	11 29	25 4	9 34	6 14
S 12	13 56	26 49	5 14	20 33	1 32	19 16	4 2	3 3	0 16	21 47	0 25	19 7	0 49	19 54	0 9	3 43	1 13	1 54	16 13	11 42	11 31	25 2	9 32	6 14
S 13	13 36	28 6	4 53	20 15	1 37	19 18	3 57	3 22	0 15	21 48	0 25	19 9	0 49	19 55	0 9	3 42	1 12	1 54	16 13	11 42	11 32	25 1	9 31	6 14
M14	13 16	27 29	4 12	19 55	1 42	19 20	3 52	3 40	0 14	21 48	0 24	19 10	0 49	19 55	0 9	3 41	1 12	1 53	16 13	11 43	11 33	24 59	9 30	6 14
T 15	12 55	24 55	3 14	19 34	1 46	19 21	3 47	3 58	0 13	21 49	0 24	19 11	0 49	19 55	0 9	3 41	1 12	1 53	16 12	11 43	11 34	24 57	9 28	6 14
W16	12 35	20 37	2 3	19 12	1 50	19 22	3 42	4 16	0 12	21 49	0 24	19 12	0 49	19 55	0 9	3 40	1 12	1 52	16 12	11 43	11 35	24 55	9 27	6 14
T 17	12 14	14 59	0 43	18 49	1 53	19 22	3 37	4 34	0 12	21 50	0 24	19 13	0 49	19 55	0 9	3 39	1 12	1 52	16 12	11 43	11 36	24 54	9 26	6 14
F 18	11 53	8 31	0s40	18 24	1 56	19 22	3 32	4 52	0 11	21 50	0 24	19 15	0 49	19 55	0 9	3 38	1 12	1 51	16 11	11 43	11 37	24 52	9 24	6 14
S 19	11 32	1 43	1 58	17 58	1 59	19 22	3 27	5 10	0 10	21 51	0 23	19 16	0 49	19 55	0 9	3 37	1 12	1 51	16 11	11 43	11 38	24 50	9 23	6 14
S 20	11 11	4s59	3 7	17 30	2 2	19 21	3 22	5 28	0 9	21 51	0 23	19 17	0 49	19 55	0 9	3 36	1 12	1 50	16 11	11 43	11 40	24 48	9 22	6 14
M21	10 49	11 15	4 3	17 1	2 4	19 20	3 17	5 46	0 8	21 52	0 23	19 18	0 49	19 56	0 9	3 36	1 12	1 50	16 10	11 43	11 41	24 47	9 20	6 14
T 22	10 27	16 48	4 44	16 31	2 5	19 19	3 11	6 4	0 8	21 52	0 23	19 19	0 49	19 56	0 9	3 35	1 12	1 49	16 10	11 43	11 42	24 45	9 19	6 14
W23	10 6	21 25	5 8	16 0	2 7	19 17	3 6	6 22	0 7	21 53	0 23	19 20	0 49	19 56	0 9	3 34	1 12	1 49	16 10	11 43	11 43	24 43	9 18	6 14
T 24	9 44	24 54	5 17	15 27	2 8	19 14	3 1	6 39	0 6	21 54	0 22	19 21	0 49	19 56	0 9	3 33	1 12	1 48	16 10	11 43	11 44	24 41	9 16	6 14
F 25	9 21	27 10	5 12	14 52	2 8	19 11	2 55	6 57	0 5	21 54	0 22	19 23	0 49	19 56	0 9	3 32	1 12	1 48	16 9	11 43	11 45	24 39	9 15	6 14
S 26	8 59	28 6	4 52	14 16	2 8	19 8	2 50	7 14	0 4	21 55	0 22	19 24	0 49	19 57	0 9	3 31	1 12	1 47	16 9	11 43	11 46	24 38	9 13	6 14
S 27	8 37	27 43	4 20	13 39	2 8	19 4	2 45	7 32	0 4	21 56	0 22	19 25	0 50	19 57	0 9	3 30	1 12	1 46	16 9	11 43	11 47	24 36	9 12	6 14
M28	8s14	26s 5	3s38	13s 1	2s 7	19s 0	2n39	7n49	0s 3	21n56	0s22	19n26	0n50	19n57	0s 9	3s29	1s12	1s46	16s 8	11s43	11s48	24s34	9s11	6n14

Julian Day Number = 2400076.5, Delta T = 9.17 sec
Ecliptic obliquity = 23°27'35, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°46'21, Lahiri = 21°53'21

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ASTRODIENST EPHEMERIS for the year 1859
geocentric

MARCH 1859 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 33 5	9♓54'35	27♉58	3♓ 2	23♉18	20♈49	12♊27	6°R35	29♉40	24♓ 2	5♉54	29♒22	29♒ 1	22♉48	19♒ 9	T 1
W 2	10 37 2	10°54'45	9♒50	4°50	24°20	21°33	12°32	6♌32	29°42	24° 5	5°55	29°23	28°58	22°54	19°14	W 2
T 3	10 40 58	11°54'54	21°48	6°40	25°23	22°17	12°37	6°28	29°43	24° 7	5°56	29°23	28°55	23° 1	19°18	T 3
F 4	10 44 55	12°55'02	3♓55	8°30	26°26	23° 1	12°42	6°25	29°44	24° 9	5°57	29°R23	28°52	23° 8	19°22	F 4
S 5	10 48 51	13°55'07	16°12	10°21	27°29	23°44	12°47	6°21	29°45	24°11	5°58	29°23	28°48	23°14	19°26	S 5
S 6	10 52 48	14°55'11	28°42	12°14	28°33	24°28	12°52	6°18	29°47	24°14	5°58	29°21	28°45	23°21	19°30	S 6
M 7	10 56 44	15°55'12	11♈25	14° 7	29°37	25°12	12°58	6°15	29°48	24°16	5°59	29°19	28°42	23°28	19°35	M 7
T 8	11 0 41	16°55'12	24°21	16° 1	0♒41	25°55	13° 3	6°12	29°50	24°18	6° 0	29°16	28°39	23°34	19°39	T 8
W 9	11 4 37	17°55'10	7♉31	17°57	1°45	26°39	13° 9	6° 9	29°51	24°20	6° 1	29°14	28°36	23°41	19°43	W 9
T 10	11 8 34	18°55'05	20°55	19°53	2°49	27°22	13°15	6° 6	29°53	24°23	6° 2	29°11	28°33	23°48	19°47	T 10
F 11	11 12 30	19°54'58	4♊32	21°50	3°54	28° 6	13°21	6° 3	29°55	24°25	6° 3	29°10	28°29	23°54	19°51	F 11
S 12	11 16 27	20°54'49	18°23	23°48	4°59	28°49	13°27	6° 0	29°56	24°27	6° 4	29°D 9	28°26	24° 1	19°55	S 12
S 13	11 20 24	21°54'38	2♋28	25°46	6° 4	29°32	13°34	5°57	29°58	24°30	6° 5	29° 9	28°23	24° 8	19°59	S 13
M14	11 24 20	22°54'25	16°44	27°45	7°10	0♉16	13°41	5°55	29°59	24°32	6° 6	29°10	28°20	24°14	20° 3	M14
T 15	11 28 17	23°54'09	1♌10	29°44	8°15	0°59	13°47	5°52	0♊ 2	24°34	6° 7	29°12	28°17	24°21	20° 7	T 15
W16	11 32 13	24°53'51	15°42	1♈44	9°21	1°42	13°54	5°50	0° 3	24°36	6° 8	29°13	28°14	24°28	20°11	W16
T 17	11 36 10	25°53'31	0♍16	3°43	10°27	2°25	14° 1	5°48	0° 5	24°39	6°10	29°R14	28°10	24°34	20°14	T 17
F 18	11 40 6	26°53'08	14°46	5°42	11°33	3° 8	14° 9	5°46	0° 7	24°41	6°11	29°13	28° 7	24°41	20°18	F 18
S 19	11 44 3	27°52'44	29° 7	7°41	12°39	3°52	14°16	5°44	0° 9	24°43	6°12	29°11	28° 4	24°48	20°22	S 19
S 20	11 47 59	28°52'17	13♎13	9°38	13°46	4°35	14°23	5°42	0°11	24°45	6°13	29° 7	28° 1	24°54	20°26	S 20
M21	11 51 56	29°51'49	26°59	11°34	14°52	5°18	14°31	5°40	0°13	24°48	6°14	29° 2	27°58	25° 1	20°30	M21
T 22	11 55 53	0♈51'18	10♏23	13°29	15°59	6° 0	14°39	5°38	0°16	24°50	6°15	28°57	27°54	25° 8	20°33	T 22
W23	11 59 49	1°50'46	23°24	15°21	17° 6	6°43	14°47	5°36	0°18	24°52	6°16	28°52	27°51	25°14	20°37	W23
T 24	12 3 46	2°50'12	6♐ 4	17°11	18°13	7°26	14°55	5°35	0°20	24°55	6°17	28°48	27°48	25°21	20°40	T 24
F 25	12 7 42	3°49'36	18°24	18°58	19°20	8° 9	15° 3	5°33	0°22	24°57	6°19	28°45	27°45	25°28	20°44	F 25
S 26	12 11 39	4°48'59	0♑29	20°41	20°28	8°52	15°11	5°32	0°24	24°59	6°20	28°D44	27°42	25°34	20°48	S 26
S 27	12 15 35	5°48'20	12°24	22°21	21°35	9°35	15°20	5°31	0°27	25° 1	6°21	28°44	27°39	25°41	20°51	S 27
M28	12 19 32	6°47'39	24°14	23°56	22°43	10°17	15°28	5°29	0°29	25° 4	6°22	28°45	27°35	25°48	20°54	M28
T 29	12 23 28	7°46'56	6♒ 3	25°27	23°51	11° 0	15°37	5°28	0°31	25° 6	6°23	28°47	27°32	25°54	20°58	T 29
W30	12 27 25	8°46'11	17°57	26°53	24°59	11°42	15°46	5°27	0°34	25° 8	6°25	28°48	27°29	26° 1	21° 1	W30
T 31	12 31 22	9♈45'24	0♓ 0	28♈14	26♒ 7	12♉25	15♊55	5♌27	0♊36	25♓10	6♉26	28°R49	27♒26	26♉ 8	21♒ 5	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s52	23s17	2s46	12s21	2s 5	18s55	2n34	8n 6	0s 2	21n57	0s21	19n27	0n50	19n57	0s 9	3s29	1s12	1s45	16s 8	11s42	11s50	24s32	9s 9	6n15
W 2	7 29	19 31	1 46	11 40	2 4	18 50	2 29	8 23	0 1	21 58	0 21	19 28	0 50	19 58	0 9	3 28	1 12	1 45	16 8	11 42	11 51	24 30	9 8	6 15
T 3	7 6	14 55	0 42	10 57	2 1	18 44	2 23	8 40	0 0	21 59	0 21	19 28	0 50	19 58	0 9	3 27	1 12	1 44	16 7	11 42	11 52	24 28	9 6	6 15
F 4	6 43	9 42	0n25	10 13	1 59	18 38	2 18	8 57	0n 0	22 0	0 21	19 29	0 50	19 58	0 9	3 26	1 12	1 44	16 7	11 42	11 53	24 27	9 5	6 15
S 5	6 20	4 2	1 32	9 28	1 55	18 31	2 12	9 14	0 1	22 0	0 21	19 30	0 50	19 59	0 9	3 25	1 12	1 43	16 7	11 42	11 54	24 25	9 4	6 15
S 6	5 57	1n51	2 35	8 42	1 52	18 24	2 7	9 31	0 2	22 1	0 21	19 31	0 50	19 59	0 9	3 24	1 12	1 43	16 7	11 43	11 55	24 23	9 2	6 15
M 7	5 33	7 46	3 32	7 54	1 47	18 16	2 2	9 48	0 3	22 2	0 20	19 32	0 50	19 59	0 9	3 23	1 12	1 42	16 6	11 43	11 56	24 21	9 1	6 15
T 8	5 10	13 27	4 19	7 5	1 42	18 8	1 56	10 4	0 3	22 3	0 20	19 33	0 50	20 0	0 8	3 22	1 12	1 42	16 6	11 44	11 57	24 19	8 59	6 15
W 9	4 47	18 39	4 53	6 15	1 37	17 59	1 51	10 21	0 4	22 4	0 20	19 34	0 50	20 0	0 8	3 21	1 12	1 41	16 6	11 45	11 58	24 17	8 58	6 16
T 10	4 23	23 0	5 12	5 24	1 31	17 50	1 46	10 37	0 5	22 5	0 20	19 34	0 50	20 0	0 8	3 21	1 12	1 41	16 6	11 46	11 59	24 15	8 57	6 16
F 11	4 0	26 12	5 14	4 32	1 24	17 40	1 40	10 53	0 5	22 6	0 20	19 35	0 50	20 1	0 8	3 20	1 12	1 40	16 5	11 47	12 1	24 13	8 55	6 16
S 12	3 36	27 54	4 58	3 39	1 17	17 30	1 35	11 10	0 6	22 7	0 19	19 36	0 50	20 1	0 8	3 19	1 12	1 39	16 5	11 47	12 2	24 12	8 54	6 16
S 13	3 13	27 50	4 24	2 45	1 10	17 19	1 30	11 26	0 7	22 8	0 19	19 36	0 50	20 1	0 8	3 18	1 12	1 39	16 5	11 47	12 3	24 10	8 53	6 16
M14	2 49	25 56	3 33	1 50	1 1	17 8	1 25	11 42	0 8	22 9	0 19	19 37	0 50	20 2	0 8	3 17	1 12	1 38	16 5	11 46	12 4	24 8	8 51	6 16
T 15	2 25	22 20	2 28	0 55	0 53	16 56	1 20	11 57	0 8	22 10	0 19	19 38	0 50	20 2	0 8	3 16	1 12	1 38	16 4	11 46	12 5	24 6	8 50	6 17
W16	2 2	17 19	1 14	0n 2	0 43	16 44	1 14	12 13	0 9	22 11	0 19	19 38	0 50	20 3	0 8	3 15	1 12	1 37	16 4	11 45	12 6	24 4	8 48	6 17
T 17	1 38	11 18	0s 6	0 58	0 34	16 31	1 9	12 29	0 10	22 12	0 19	19 39	0 50	20 3	0 8	3 14	1 12	1 37	16 4	11 45	12 7	24 2	8 47	6 17
F 18	1 14	4 42	1 24	1 55	0 23	16 18	1 4	12 44	0 10	22 13	0 18	19 40	0 50	20 3	0 8	3 13	1 12	1 36	16 4	11 45	12 8	24 0	8 46	6 17
S 19	0 51	2s 3	2 37	2 51	0 13	16 5	0 59	12 59	0 11	22 14	0 18	19 40	0 50	20 4	0 8	3 12	1 12	1 36	16 3	11 46	12 9	23 58	8 44	6 17
S 20	0 27	8 34	3 38	3 48	0 1	15 51	0 54	13 15	0 12	22 15	0 18	19 41	0 50	20 4	0 8	3 12	1 12	1 35	16 3	11 47	12 10	23 56	8 43	6 18
M21	0 3	14 31	4 25	4 44	0n10	15 36	0 49	13 30	0 13	22 16	0 18	19 41	0 50	20 5	0 8	3 11	1 12	1 34	16 3	11 49	12 12	23 54	8 42	6 18
T 22	0n20	19 38	4 56	5 40	0 22	15 21	0 44	13 45	0 13	22 17	0 18	19 42	0 50	20 5	0 8	3 10	1 12	1 34	16 3	11 51	12 13	23 52	8 40	6 18
W23	0 44	23 39	5 11	6 34	0 34	15 6	0 40	13 59	0 14	22 18	0 18	19 42	0 50	20 6	0 8	3 9	1 12	1 33	16 3	11 53	12 14	23 50	8 39	6 18
T 24	1 8	26 25	5 10	7 28	0 46	14 50	0 35	14 14	0 15	22 19	0 17	19 42	0 50	20 6	0 8	3 8	1 12	1 33	16 2	11 54	12 15	23 48	8 38	6 18
F 25	1 31	27 50	4 54	8 20	0 58	14 33	0 30	14 29	0 15	22 20	0 17	19 43	0 50	20 7	0 8	3 7	1 12	1 32	16 2	11 55	12 16	23 46	8 36	6 19
S 26	1 55	27 53	4 26	9 10	1 10	14 17	0 25	14 43	0 16	22 21	0 17	19 43	0 50	20 7	0 8	3 6	1 13	1 32	16 2	11 55	12 17	23 44	8 35	6 19
S 27	2 18	26 38	3 46	9 59	1 22	13 59	0 21	14 57	0 17	22 22	0 17	19 43	0 50	20 8	0 8	3 5	1 13	1 31	16 2	11 55	12 18	23 42	8 34	6 19
M28	2 42	24 12	2 57	10 45	1 34	13 42	0 16	15 11	0 17	22 23	0 17	19 44	0 50	20 8	0 8	3 4	1 13	1 31	16 2	11 55	12 19	23 40	8 32	6 19
T 29	3 5	20 43	2 1	11 30	1 46	13 24	0 12	15 25	0 18	22 24	0 17	19 44	0 50	20 9	0 8	3 4	1 13	1 30	16 1	11 54	12 20	23 38	8 31	6 20
W30	3 29	16 24	0 59	12 11	1 57	13 5	0 7	15 39	0 18	22 25	0 17	19 44	0 50	20 9	0 8	3 3	1 13	1 30	16 1	11 54	12 21	23 36	8 30	6 20
T 31	3n52	11s23	0n 6	12n50	2n 8	12s47	0n 3	15n53	0n19	22n27	0s16	19n44	0n50	20n10	0s 8	3s 2	1s13	1s29	16s 1	11s54	12s22	23s34	8s28	6n20

Julian Day Number = 2400104.5, Delta T = 9.16 sec
Ecliptic obliquity = 23°27'36, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°46'25, Lahiri = 21°53'25

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ASTRODIENST EPHEMERIS for the year 1859
geocentric

APRIL 1859 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 35 18	10♈44'36	12♓16	29♈29	27♒15	13♉ 8	16♊ 4	5°R26	0♊39	25♓12	6♉27	28°R48	27♒23	26♋14	21♒ 8	F 1
S 2	12 39 15	11°43'45	24°46	0♉39	28°24	13°50	16°13	5♌25	0°41	25°15	6°28	28♒45	27°19	26°21	21°11	S 2
S 3	12 43 11	12°42'53	7♈34	1°42	29°32	14°32	16°22	5°25	0°44	25°17	6°30	28°40	27°16	26°28	21°14	S 3
M 4	12 47 8	13°41'58	20°39	2°39	0♓40	15°15	16°32	5°24	0°47	25°19	6°31	28°33	27°13	26°34	21°17	M 4
T 5	12 51 4	14°41'02	3♉59	3°30	1°49	15°57	16°41	5°24	0°49	25°21	6°32	28°26	27°10	26°41	21°21	T 5
W 6	12 55 1	15°40'03	17°34	4°15	2°58	16°40	16°51	5°24	0°52	25°23	6°33	28°18	27° 7	26°48	21°24	W 6
T 7	12 58 57	16°39'03	1♊20	4°52	4° 7	17°22	17° 1	5°D24	0°55	25°26	6°35	28°10	27° 4	26°54	21°27	T 7
F 8	13 2 54	17°38'00	15°15	5°23	5°16	18° 4	17°11	5°24	0°57	25°28	6°36	28° 4	27° 0	27° 1	21°30	F 8
S 9	13 6 51	18°36'55	29°17	5°48	6°25	18°46	17°21	5°24	1° 0	25°30	6°37	28° 1	26°57	27° 8	21°32	S 9
S 10	13 10 47	19°35'47	13♋22	6° 5	7°34	19°28	17°31	5°25	1° 3	25°32	6°39	27°D59	26°54	27°14	21°35	S 10
M11	13 14 44	20°34'37	27°31	6°17	8°43	20°10	17°41	5°25	1° 6	25°34	6°40	27°59	26°51	27°21	21°38	M11
T 12	13 18 40	21°33'25	11♌40	6°R21	9°52	20°52	17°51	5°25	1° 9	25°36	6°41	28° 0	26°48	27°28	21°41	T 12
W13	13 22 37	22°32'11	25°49	6°19	11° 1	21°34	18° 2	5°26	1°12	25°38	6°43	28°R 0	26°45	27°34	21°44	W13
T 14	13 26 33	23°30'54	9♍57	6°12	12°11	22°16	18°12	5°27	1°15	25°40	6°44	28° 0	26°41	27°41	21°46	T 14
F 15	13 30 30	24°29'35	24° 0	5°58	13°20	22°58	18°23	5°28	1°18	25°42	6°45	27°57	26°38	27°48	21°49	F 15
S 16	13 34 26	25°28'14	7♎55	5°39	14°30	23°40	18°33	5°28	1°20	25°44	6°47	27°52	26°35	27°54	21°51	S 16
S 17	13 38 23	26°26'51	21°40	5°15	15°39	24°22	18°44	5°30	1°23	25°46	6°48	27°44	26°32	28° 1	21°54	S 17
M18	13 42 20	27°25'26	5♏10	4°47	16°49	25° 4	18°55	5°31	1°27	25°48	6°49	27°35	26°29	28° 8	21°56	M18
T 19	13 46 16	28°23'59	18°24	4°14	17°59	25°45	19° 6	5°32	1°30	25°50	6°51	27°24	26°25	28°14	21°59	T 19
W20	13 50 13	29°22'30	1♐19	3°39	19° 9	26°27	19°17	5°33	1°33	25°52	6°52	27°14	26°22	28°21	22° 1	W20
T 21	13 54 9	0♑21'00	13°56	3° 1	20°19	27° 9	19°28	5°35	1°36	25°54	6°53	27° 5	26°19	28°28	22° 3	T 21
F 22	13 58 6	1°19'28	26°15	2°21	21°29	27°50	19°39	5°36	1°39	25°56	6°55	26°57	26°16	28°34	22° 6	F 22
S 23	14 2 2	2°17'54	8♒21	1°41	22°39	28°32	19°50	5°38	1°42	25°58	6°56	26°52	26°13	28°41	22° 8	S 23
S 24	14 5 59	3°16'18	20°16	1° 0	23°49	29°13	20° 2	5°40	1°45	26° 0	6°57	26°49	26°10	28°48	22°10	S 24
M25	14 9 55	4°14'41	2♓ 6	0°19	24°59	29°55	20°13	5°42	1°48	26° 2	6°59	26°D48	26° 6	28°54	22°12	M25
T 26	14 13 52	5°13'03	13°55	29♈40	26° 9	0♊36	20°25	5°44	1°52	26° 4	7° 0	26°48	26° 3	29° 1	22°14	T 26
W27	14 17 49	6°11'23	25°50	29° 2	27°20	1°18	20°36	5°46	1°55	26° 6	7° 2	26°R49	26° 0	29° 8	22°16	W27
T 28	14 21 45	7° 9'41	7♓55	28°28	28°30	1°59	20°48	5°48	1°58	26° 8	7° 3	26°48	25°57	29°14	22°18	T 28
F 29	14 25 42	8° 7'57	20°16	27°56	29°40	2°40	21° 0	5°50	2° 1	26° 9	7° 4	26°46	25°54	29°21	22°20	F 29
S 30	14 29 38	9♉ 6'12	2♈56	27♈27	0♈51	3♊22	21♊12	5♌53	2♊ 5	26♓11	7♉ 6	26♒41	25♒51	29♋28	22♒21	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n15	5s51	1n12	13n27	2n18	12s27	0s 1	16n 6	0n20	22n28	0s16	19n45	0n50	20n10	0s 8	3s 1	1s13	1s28	16s 1	11s54	12s24	23s32	8s27	6n20
S 2	4 39	0n 0	2 16	14 0	2 27	12 8	0 6	16 20	0 20	22 29	0 16	19 45	0 50	20 11	0 8	3 0	1 13	1 28	16 1	11 55	12 25	23 30	8 26	6 21
S 3	5 2	5 59	3 14	14 30	2 35	11 48	0 10	16 33	0 21	22 30	0 16	19 45	0 50	20 11	0 8	2 59	1 13	1 27	16 1	11 57	12 26	23 28	8 25	6 21
M 4	5 25	11 49	4 3	14 58	2 43	11 28	0 14	16 46	0 22	22 31	0 16	19 45	0 50	20 12	0 8	2 58	1 13	1 27	16 0	11 59	12 27	23 26	8 23	6 21
T 5	5 48	17 15	4 40	15 21	2 50	11 7	0 18	16 59	0 22	22 32	0 16	19 45	0 50	20 13	0 8	2 58	1 13	1 26	16 0	12 2	12 28	23 24	8 22	6 22
W 6	6 10	21 55	5 2	15 42	2 56	10 46	0 22	17 12	0 23	22 33	0 15	19 45	0 50	20 13	0 8	2 57	1 13	1 26	16 0	12 5	12 29	23 22	8 21	6 22
T 7	6 33	25 27	5 7	15 59	3 1	10 25	0 26	17 24	0 23	22 34	0 15	19 45	0 50	20 14	0 8	2 56	1 13	1 25	16 0	12 7	12 30	23 20	8 20	6 22
F 8	6 56	27 31	4 54	16 13	3 4	10 3	0 29	17 37	0 24	22 35	0 15	19 45	0 50	20 14	0 8	2 55	1 13	1 25	16 0	12 9	12 31	23 18	8 19	6 22
S 9	7 18	27 51	4 23	16 24	3 6	9 41	0 33	17 49	0 25	22 36	0 15	19 45	0 50	20 15	0 8	2 54	1 13	1 24	16 0	12 11	12 32	23 16	8 17	6 23
S 10	7 40	26 23	3 36	16 30	3 7	9 19	0 37	18 1	0 25	22 38	0 15	19 45	0 50	20 15	0 8	2 53	1 13	1 24	16 0	12 11	12 33	23 14	8 16	6 23
M11	8 3	23 14	2 36	16 34	3 7	8 56	0 40	18 13	0 26	22 39	0 15	19 45	0 50	20 16	0 8	2 53	1 13	1 23	16 0	12 11	12 34	23 12	8 15	6 23
T 12	8 25	18 41	1 27	16 34	3 5	8 33	0 44	18 25	0 26	22 40	0 15	19 45	0 50	20 17	0 8	2 52	1 13	1 23	15 59	12 11	12 36	23 10	8 14	6 24
W13	8 47	13 6	0 12	16 30	3 2	8 10	0 47	18 36	0 27	22 41	0 15	19 45	0 50	20 17	0 8	2 51	1 13	1 22	15 59	12 11	12 37	23 8	8 13	6 24
T 14	9 8	6 52	1s 4	16 23	2 58	7 47	0 51	18 48	0 28	22 42	0 14	19 44	0 50	20 18	0 8	2 50	1 13	1 22	15 59	12 11	12 38	23 6	8 12	6 24
F 15	9 30	0 20	2 15	16 13	2 52	7 23	0 54	18 59	0 28	22 43	0 14	19 44	0 50	20 18	0 8	2 49	1 13	1 21	15 59	12 12	12 39	23 3	8 10	6 25
S 16	9 51	6s 9	3 17	16 0	2 44	6 59	0 57	19 10	0 29	22 44	0 14	19 44	0 50	20 19	0 8	2 49	1 13	1 21	15 59	12 13	12 40	23 1	8 9	6 25
S 17	10 13	12 15	4 6	15 43	2 35	6 35	1 0	19 21	0 29	22 45	0 14	19 44	0 50	20 20	0 8	2 48	1 13	1 20	15 59	12 16	12 41	22 59	8 8	6 25
M18	10 34	17 40	4 41	15 24	2 25	6 11	1 3	19 32	0 30	22 46	0 14	19 43	0 50	20 20	0 8	2 47	1 13	1 20	15 59	12 19	12 42	22 57	8 7	6 26
T 19	10 55	22 7	5 0	15 2	2 13	5 46	1 6	19 42	0 30	22 47	0 14	19 43	0 50	20 21	0 8	2 46	1 13	1 19	15 59	12 23	12 43	22 55	8 6	6 26
W20	11 16	25 23	5 3	14 38	2 0	5 21	1 9	19 53	0 31	22 48	0 14	19 43	0 50	20 22	0 8	2 46	1 13	1 19	15 59	12 27	12 44	22 53	8 5	6 26
T 21	11 36	27 18	4 51	14 12	1 47	4 56	1 12	20 3	0 31	22 49	0 13	19 42	0 50	20 22	0 8	2 45	1 13	1 18	15 59	12 30	12 45	22 51	8 4	6 27
F 22	11 57	27 50	4 26	13 44	1 32	4 31	1 14	20 13	0 32	22 50	0 13	19 42	0 50	20 23	0 8	2 44	1 13	1 18	15 59	12 32	12 46	22 49	8 3	6 27
S 23	12 17	27 0	3 48	13 15	1 16	4 6	1 17	20 23	0 32	22 51	0 13	19 42	0 50	20 23	0 8	2 43	1 13	1 17	15 59	12 34	12 47	22 46	8 2	6 27
S 24	12 37	24 56	3 2	12 46	1 0	3 40	1 19	20 32	0 33	22 52	0 13	19 41	0 50	20 24	0 8	2 43	1 13	1 17	15 59	12 35	12 49	22 44	8 1	6 28
M25	12 57	21 47	2 8	12 16	0 43	3 15	1 22	20 42	0 34	22 53	0 13	19 41	0 50	20 25	0 8	2 42	1 13	1 16	15 58	12 35	12 50	22 42	8 0	6 28
T 26	13 16	17 45	1 8	11 46	0 26	2 49	1 24	20 51	0 34	22 54	0 13	19 40	0 50	20 25	0 8	2 41	1 13	1 16	15 58	12 35	12 51	22 40	7 59	6 28
W27	13 36	13 0	0 5	11 17	0 9	2 23	1 26	21 0	0 35	22 55	0 13	19 40	0 50	20 26	0 8	2 40	1 13	1 16	15 58	12 35	12 52	22 38	7 58	6 29
T 28	13 55	7 42	0n59	10 48	0s 8	1 57	1 28	21 9	0 35	22 56	0 13	19 39	0 50	20 27	0 8	2 40	1 13	1 15	15 58	12 35	12 53	22 36	7 57	6 29
F 29	14 14	2 0	2 1	10 21	0 25	1 30	1 30	21 18	0 36	22 57	0 12	19 39	0 50	20 27	0 8	2 39	1 13	1 15	15 58	12 36	12 54	22 33	7 56	6 29
S 30	14n33	3n54	2n59	9n55	0s42	1s 4	1s32	21n26	0n36	22n58	0s12	19n38	0n50	20n28	0s 8	2s38	1s13	1s14	15s58	12s38	12s55	22s31	7s55	6n30

Julian Day Number = 2400135.5, Delta T = 9.13 sec
Ecliptic obliquity = 23°27'36, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°46'29, Lahiri = 21°53'30

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ASTRODIENST EPHEMERIS for the year 1859
geocentric

MAY 1859 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 33 35	10♉ 4'26	15♈56	27°R 2	2♈ 1	4♊ 3	21♊23	5♌55	2♊ 8	26♓13	7♉ 7	26°R34	25♒47	29♑34	22♒23	S 1
M 2	14 37 31	11° 2'38	29°19	26♈42	3°12	4°44	21°35	5°58	2°11	26°15	7° 8	26♒24	25°44	29°41	22°25	M 2
T 3	14 41 28	12° 0'48	13♉ 3	26°26	4°23	5°25	21°47	6° 0	2°15	26°16	7°10	26°13	25°41	29°48	22°26	T 3
W 4	14 45 24	12°58'57	27° 4	26°14	5°33	6° 6	22° 0	6° 3	2°18	26°18	7°11	26° 1	25°38	29°54	22°28	W 4
T 5	14 49 21	13°57'04	11♊17	26° 7	6°44	6°48	22°12	6° 6	2°21	26°20	7°13	25°50	25°35	0♒ 1	22°29	T 5
F 6	14 53 18	14°55'09	25°37	26°D 5	7°55	7°29	22°24	6° 9	2°25	26°22	7°14	25°42	25°31	0° 7	22°31	F 6
S 7	14 57 14	15°53'12	9♋59	26° 7	9° 6	8°10	22°36	6°12	2°28	26°23	7°15	25°35	25°28	0°14	22°32	S 7
S 8	15 1 11	16°51'14	24°18	26°15	10°16	8°51	22°48	6°15	2°32	26°25	7°17	25°32	25°25	0°21	22°33	S 8
M 9	15 5 7	17°49'13	8♌31	26°26	11°27	9°32	23° 1	6°19	2°35	26°26	7°18	25°30	25°22	0°27	22°35	M 9
T 10	15 9 4	18°47'11	22°36	26°43	12°38	10°12	23°13	6°22	2°38	26°28	7°19	25°30	25°19	0°34	22°36	T 10
W11	15 13 0	19°45'06	6♍34	27° 4	13°49	10°53	23°26	6°25	2°42	26°29	7°21	25°30	25°16	0°41	22°37	W11
T 12	15 16 57	20°43'00	20°22	27°29	15° 0	11°34	23°38	6°29	2°45	26°31	7°22	25°28	25°12	0°47	22°38	T 12
F 13	15 20 53	21°40'52	4♎ 2	27°58	16°11	12°15	23°51	6°33	2°49	26°32	7°23	25°25	25° 9	0°54	22°39	F 13
S 14	15 24 50	22°38'42	17°33	28°32	17°22	12°56	24° 4	6°36	2°52	26°34	7°25	25°18	25° 6	1° 1	22°40	S 14
S 15	15 28 47	23°36'31	0♏54	29° 9	18°33	13°36	24°16	6°40	2°56	26°35	7°26	25° 8	25° 3	1° 7	22°41	S 15
M16	15 32 43	24°34'18	14° 2	29°50	19°44	14°17	24°29	6°44	2°59	26°37	7°27	24°57	25° 0	1°14	22°41	M16
T 17	15 36 40	25°32'04	26°57	0♑35	20°56	14°57	24°42	6°48	3° 3	26°38	7°29	24°44	24°57	1°21	22°42	T 17
W18	15 40 36	26°29'48	9♐39	1°24	22° 7	15°38	24°55	6°52	3° 6	26°40	7°30	24°31	24°53	1°27	22°43	W18
T 19	15 44 33	27°27'31	22° 6	2°15	23°18	16°19	25° 8	6°56	3°10	26°41	7°31	24°19	24°50	1°34	22°43	T 19
F 20	15 48 29	28°25'13	4♑19	3°11	24°29	16°59	25°21	7° 1	3°13	26°42	7°33	24° 9	24°47	1°41	22°44	F 20
S 21	15 52 26	29°22'54	16°21	4° 9	25°41	17°40	25°33	7° 5	3°17	26°43	7°34	24° 2	24°44	1°47	22°44	S 21
S 22	15 56 22	0♊20'33	28°14	5°11	26°52	18°20	25°47	7° 9	3°20	26°45	7°35	23°58	24°41	1°54	22°45	S 22
M23	16 0 19	1°18'12	10♒ 3	6°16	28° 3	19° 0	26° 0	7°14	3°24	26°46	7°36	23°55	24°37	2° 1	22°45	M23
T 24	16 4 16	2°15'49	21°51	7°24	29°15	19°41	26°13	7°18	3°27	26°47	7°38	23°D55	24°34	2° 7	22°45	T 24
W25	16 8 12	3°13'26	3♓46	8°34	0♑26	20°21	26°26	7°23	3°31	26°48	7°39	23°R55	24°31	2°14	22°46	W25
T 26	16 12 9	4°11'01	15°51	9°48	1°38	21° 1	26°39	7°28	3°34	26°49	7°40	23°55	24°28	2°21	22°46	T 26
F 27	16 16 5	5° 8'36	28°13	11° 4	2°49	21°42	26°52	7°33	3°38	26°51	7°41	23°53	24°25	2°27	22°46	F 27
S 28	16 20 2	6° 6'09	10♈55	12°23	4° 1	22°22	27° 5	7°37	3°41	26°52	7°43	23°49	24°22	2°34	22°R46	S 28
S 29	16 23 58	7° 3'42	24° 2	13°45	5°12	23° 2	27°19	7°42	3°45	26°53	7°44	23°42	24°18	2°41	22°46	S 29
M30	16 27 55	8° 1'14	7♉35	15°10	6°24	23°42	27°32	7°48	3°48	26°54	7°45	23°33	24°15	2°47	22°46	M30
T 31	16 31 51	8♊58'45	21♉33	16♉37	7♉36	24♊22	27♊45	7♌53	3♊52	26♓55	7♉46	23♒23	24♒12	2♒54	22♒45	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n51	9n48	3n50	9n32	0s58	0s38	1s34	21n34	0n37	22n59	0s12	19n37	0n50	20n29	0s 8	2s38	1s13	1s14	15s58	12s40	12s56	22s29	7s54	6n30
M 2	15 9	15 26	4 29	9 10	1 13	0 11	1 36	21 43	0 37	23 0	0 12	19 37	0 50	20 29	0 8	2 37	1 13	1 13	15 58	12 44	12 57	22 27	7 53	6 31
T 3	15 27	20 25	4 53	8 50	1 28	0n15	1 37	21 50	0 38	23 0	0 12	19 36	0 50	20 30	0 8	2 36	1 13	1 13	15 58	12 47	12 58	22 25	7 53	6 31
W 4	15 45	24 24	5 1	8 33	1 42	0 42	1 39	21 58	0 38	23 1	0 12	19 35	0 50	20 31	0 8	2 36	1 14	1 13	15 58	12 51	12 59	22 23	7 52	6 31
T 5	16 2	26 57	4 50	8 18	1 55	1 8	1 40	22 6	0 39	23 2	0 12	19 35	0 50	20 31	0 8	2 35	1 14	1 12	15 58	12 55	13 0	22 20	7 51	6 32
F 6	16 20	27 45	4 21	8 6	2 8	1 35	1 42	22 13	0 39	23 3	0 12	19 34	0 50	20 32	0 8	2 34	1 14	1 12	15 58	12 58	13 1	22 18	7 50	6 32
S 7	16 36	26 40	3 36	7 56	2 19	2 2	1 43	22 20	0 39	23 4	0 11	19 33	0 50	20 33	0 8	2 34	1 14	1 11	15 58	13 0	13 2	22 16	7 49	6 32
S 8	16 53	23 51	2 37	7 49	2 29	2 28	1 44	22 27	0 40	23 5	0 11	19 32	0 50	20 34	0 8	2 33	1 14	1 11	15 58	13 1	13 4	22 14	7 49	6 33
M 9	17 9	19 35	1 29	7 44	2 39	2 55	1 45	22 34	0 40	23 5	0 11	19 32	0 50	20 34	0 8	2 33	1 14	1 11	15 59	13 2	13 5	22 11	7 48	6 33
T 10	17 26	14 14	0 15	7 42	2 48	3 22	1 46	22 40	0 41	23 6	0 11	19 31	0 50	20 35	0 8	2 32	1 14	1 10	15 59	13 2	13 6	22 9	7 47	6 34
W11	17 41	8 13	0s58	7 42	2 55	3 48	1 47	22 47	0 41	23 7	0 11	19 30	0 50	20 36	0 8	2 31	1 14	1 10	15 59	13 2	13 7	22 7	7 46	6 34
T 12	17 57	1 52	2 7	7 45	3 2	4 15	1 48	22 53	0 42	23 8	0 11	19 29	0 50	20 36	0 8	2 31	1 14	1 10	15 59	13 2	13 8	22 5	7 46	6 34
F 13	18 12	4s29	3 9	7 50	3 8	4 42	1 49	22 59	0 42	23 8	0 11	19 28	0 50	20 37	0 8	2 30	1 14	1 9	15 59	13 4	13 9	22 2	7 45	6 35
S 14	18 27	10 34	3 58	7 57	3 13	5 8	1 50	23 4	0 43	23 9	0 11	19 27	0 50	20 38	0 8	2 30	1 14	1 9	15 59	13 6	13 10	22 0	7 44	6 35
S 15	18 41	16 4	4 34	8 7	3 17	5 35	1 50	23 10	0 43	23 10	0 11	19 26	0 50	20 38	0 8	2 29	1 14	1 9	15 59	13 9	13 11	21 58	7 44	6 36
M16	18 56	20 45	4 55	8 18	3 20	6 1	1 51	23 15	0 44	23 10	0 10	19 25	0 50	20 39	0 8	2 29	1 14	1 8	15 59	13 13	13 12	21 56	7 43	6 36
T 17	19 10	24 21	5 0	8 31	3 23	6 28	1 51	23 20	0 44	23 11	0 10	19 24	0 50	20 40	0 8	2 28	1 14	1 8	15 59	13 17	13 13	21 53	7 42	6 36
W18	19 23	26 41	4 50	8 46	3 24	6 54	1 51	23 25	0 44	23 12	0 10	19 23	0 50	20 40	0 8	2 28	1 14	1 8	15 59	13 22	13 14	21 51	7 42	6 37
T 19	19 37	27 39	4 26	9 3	3 25	7 20	1 52	23 30	0 45	23 12	0 10	19 22	0 50	20 41	0 8	2 27	1 14	1 7	15 59	13 26	13 15	21 49	7 41	6 37
F 20	19 49	27 14	3 50	9 22	3 25	7 46	1 52	23 34	0 45	23 13	0 10	19 21	0 50	20 42	0 8	2 27	1 14	1 7	15 59	13 29	13 16	21 47	7 41	6 38
S 21	20 2	25 31	3 5	9 42	3 24	8 12	1 52	23 39	0 46	23 13	0 10	19 20	0 50	20 42	0 8	2 26	1 14	1 7	15 59	13 31	13 17	21 44	7 40	6 38
S 22	20 14	22 41	2 12	10 4	3 23	8 38	1 52	23 43	0 46	23 14	0 10	19 19	0 50	20 43	0 8	2 26	1 14	1 6	15 59	13 33	13 18	21 42	7 40	6 38
M23	20 26	18 55	1 13	10 28	3 21	9 3	1 52	23 47	0 46	23 14	0 10	19 18	0 51	20 44	0 8	2 25	1 14	1 6	16 0	13 33	13 20	21 40	7 39	6 39
T 24	20 38	14 24	0 11	10 52	3 18	9 29	1 51	23 50	0 47	23 15	0 10	19 16	0 51	20 44	0 8	2 25	1 14	1 6	16 0	13 34	13 21	21 37	7 39	6 39
W25	20 49	9 20	0n52	11 18	3 14	9 54	1 51	23 54	0 47	23 15	0 9	19 15	0 51	20 45	0 8	2 25	1 14	1 5	16 0	13 34	13 22	21 35	7 38	6 40
T 26	21 0	3 50	1 54	11 45	3 10	10 19	1 51	23 57	0 48	23 16	0 9	19 14	0 51	20 46	0 7	2 24	1 14	1 5	16 0	13 34	13 23	21 33	7 38	6 40
F 27	21 11	1n54	2 51	12 13	3 6	10 44	1 50	24 0	0 48	23 16	0 9	19 13	0 51	20 46	0 7	2 24	1 14	1 5	16 0	13 34	13 24	21 30	7 37	6 40
S 28	21 21	7 43	3 42	12 42	3 0	11 9	1 50	24 3	0 48	23 17	0 9	19 12	0 51	20 47	0 7	2 23	1 15	1 5	16 0	13 36	13 25	21 28	7 37	6 41
S 29	21 30	13 24	4 23	13 12	2 54	11 33	1 49	24 5	0 49	23 17	0 9	19 10	0 51	20 48	0 7	2 23	1 15	1 4	16 0	13 38	13 26	21 26	7 37	6 41
M30	21 40	18 37	4 50	13 43	2 48	11 57	1 49	24 8	0 49	23 17	0 9	19 9	0 51	20 48	0 7	2 23	1 15	1 4	16 0	13 41	13 27	21 23	7 36	6 42
T 31	21n49	23n 1	5n 2	14n15	2s41	12n21	1s48	24n10	0n50	23n18	0s 9	19n 8	0n51	20n49	0s 7	2s22	1s15	1s 4	16s 1	13s44	13s28	21s21	7s36	6n42

Julian Day Number = 2400165.5, Delta T = 9.12 sec
Ecliptic obliquity = 23°27'35, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°46'33, Lahiri = 21°53'34

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ASTRODIENST EPHEMERIS for the year 1859
geocentric

JUNE 1859 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 35 48	9♊56'16	5♊53	18♉ 6	8♉47	25♊ 2	27♊59	7♌58	3♊55	26♓56	7♉47	23°R12	24♒ 9	3♒ 1	22°R45	W 1
T 2	16 39 45	10°53'45	20°29	19°39	9°59	25°42	28°12	8° 3	3°59	26°57	7°49	23♒ 1	24° 6	3° 7	22♒45	T 2
F 3	16 43 41	11°51'14	5♋14	21°14	11°11	26°23	28°25	8° 8	4° 2	26°58	7°50	22°53	24° 3	3°14	22°45	F 3
S 4	16 47 38	12°48'41	19°59	22°51	12°23	27° 3	28°39	8°14	4° 6	26°58	7°51	22°47	23°59	3°21	22°44	S 4
S 5	16 51 34	13°46'07	4♌39	24°31	13°34	27°42	28°52	8°19	4° 9	26°59	7°52	22°44	23°56	3°27	22°44	S 5
M 6	16 55 31	14°43'32	19° 6	26°14	14°46	28°22	29° 6	8°25	4°13	27° 0	7°53	22°D43	23°53	3°34	22°43	M 6
T 7	16 59 27	15°40'56	3♍20	27°59	15°58	29° 2	29°19	8°30	4°16	27° 1	7°54	22°43	23°50	3°41	22°42	T 7
W 8	17 3 24	16°38'18	17°17	29°47	17°10	29°42	29°33	8°36	4°20	27° 2	7°56	22°R43	23°47	3°47	22°42	W 8
T 9	17 7 20	17°35'40	0♎59	1♊37	18°22	0♋22	29°46	8°42	4°23	27° 2	7°57	22°42	23°43	3°54	22°41	T 9
F 10	17 11 17	18°33'00	14°26	3°30	19°34	1° 2	29°59	8°48	4°27	27° 3	7°58	22°40	23°40	4° 0	22°40	F 10
S 11	17 15 14	19°30'19	27°39	5°25	20°46	1°42	0♋13	8°54	4°30	27° 4	7°59	22°34	23°37	4° 7	22°39	S 11
S 12	17 19 10	20°27'38	10♏39	7°22	21°58	2°21	0°27	8°59	4°34	27° 4	8° 0	22°27	23°34	4°14	22°38	S 12
M13	17 23 7	21°24'56	23°27	9°21	23°10	3° 1	0°41	9° 5	4°37	27° 5	8° 1	22°18	23°31	4°20	22°37	M13
T 14	17 27 3	22°22'13	6♐ 3	11°23	24°22	3°41	0°54	9°11	4°40	27° 5	8° 2	22° 7	23°28	4°27	22°36	T 14
W15	17 31 0	23°19'29	18°28	13°27	25°34	4°20	1° 8	9°18	4°44	27° 6	8° 3	21°57	23°24	4°34	22°35	W15
T 16	17 34 56	24°16'45	0♑42	15°32	26°46	5° 0	1°21	9°24	4°47	27° 6	8° 4	21°47	23°21	4°40	22°34	T 16
F 17	17 38 53	25°14'00	12°46	17°39	27°58	5°39	1°35	9°30	4°50	27° 7	8° 5	21°39	23°18	4°47	22°33	F 17
S 18	17 42 50	26°11'15	24°42	19°48	29°10	6°19	1°49	9°36	4°54	27° 7	8° 6	21°33	23°15	4°54	22°32	S 18
S 19	17 46 46	27° 8'29	6♒31	21°57	0♊22	6°59	2° 2	9°43	4°57	27° 8	8° 7	21°30	23°12	5° 0	22°30	S 19
M20	17 50 43	28° 5'43	18°19	24° 8	1°34	7°38	2°16	9°49	5° 0	27° 8	8° 8	21°D28	23° 9	5° 7	22°29	M20
T 21	17 54 39	29° 2'57	0♓ 7	26°19	2°46	8°17	2°30	9°55	5° 4	27° 8	8° 9	21°29	23° 5	5°14	22°28	T 21
W22	17 58 36	0♋ 0'10	12° 1	28°30	3°59	8°57	2°43	10° 2	5° 7	27° 9	8°10	21°30	23° 2	5°20	22°26	W22
T 23	18 2 32	0°57'24	24° 6	0♋42	5°11	9°36	2°57	10° 8	5°10	27° 9	8°11	21°31	22°59	5°27	22°25	T 23
F 24	18 6 29	1°54'37	6♈26	2°53	6°23	10°16	3°11	10°15	5°14	27° 9	8°12	21°R31	22°56	5°34	22°23	F 24
S 25	18 10 25	2°51'51	19° 7	5° 4	7°36	10°55	3°24	10°22	5°17	27° 9	8°12	21°30	22°53	5°40	22°21	S 25
S 26	18 14 22	3°49'04	2♉13	7°14	8°48	11°34	3°38	10°28	5°20	27°10	8°13	21°26	22°49	5°47	22°20	S 26
M27	18 18 19	4°46'18	15°46	9°23	10° 0	12°14	3°52	10°35	5°23	27°10	8°14	21°21	22°46	5°54	22°18	M27
T 28	18 22 15	5°43'31	29°48	11°31	11°13	12°53	4° 5	10°42	5°26	27°10	8°15	21°15	22°43	6° 0	22°16	T 28
W29	18 26 12	6°40'45	14♊15	13°37	12°25	13°32	4°19	10°48	5°29	27°10	8°16	21° 8	22°40	6° 7	22°14	W29
T 30	18 30 8	7♋37'59	29♊ 3	15♋42	13♊38	14♋12	4♋33	10♌55	5♊33	27♓10	8♉17	21♒ 2	22♒37	6♒14	22♒12	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n58	26n 8	4n54	14n47	2s34	12n45	1s47	24n12	0n50	23n18	0s 9	19n 6	0n51	20n50	0s 7	2s22	1s15	1s 4	16s 1	13s48	13s29	21s19	7s36	6n42
T 2	22 6	27 35	4 28	15 19	2 26	13 8	1 46	24 14	0 50	23 18	0 9	19 5	0 51	20 50	0 7	2 22	1 15	1 4	16 1	13 51	13 30	21 16	7 36	6 43
F 3	22 14	27 5	3 44	15 53	2 17	13 32	1 45	24 15	0 51	23 19	0 8	19 4	0 51	20 51	0 7	2 21	1 15	1 3	16 1	13 54	13 31	21 14	7 35	6 43
S 4	22 21	24 41	2 45	16 26	2 8	13 54	1 44	24 17	0 51	23 19	0 8	19 2	0 51	20 52	0 7	2 21	1 15	1 3	16 1	13 56	13 32	21 12	7 35	6 43
S 5	22 28	20 39	1 35	17 0	1 59	14 17	1 43	24 18	0 51	23 19	0 8	19 1	0 51	20 52	0 7	2 21	1 15	1 3	16 1	13 57	13 33	21 9	7 35	6 44
M 6	22 35	15 25	0 19	17 33	1 49	14 39	1 42	24 19	0 52	23 19	0 8	18 59	0 51	20 53	0 7	2 20	1 15	1 3	16 2	13 57	13 34	21 7	7 35	6 44
T 7	22 41	9 25	0s56	18 7	1 39	15 1	1 41	24 19	0 52	23 19	0 8	18 58	0 51	20 54	0 7	2 20	1 15	1 3	16 2	13 57	13 35	21 4	7 35	6 45
W 8	22 47	3 5	2 7	18 40	1 29	15 23	1 40	24 20	0 52	23 20	0 8	18 56	0 51	20 54	0 7	2 20	1 15	1 2	16 2	13 57	13 36	21 2	7 34	6 45
T 9	22 53	3s17	3 9	19 13	1 18	15 44	1 38	24 20	0 53	23 20	0 8	18 55	0 51	20 55	0 7	2 20	1 15	1 2	16 2	13 58	13 37	21 0	7 34	6 45
F 10	22 58	9 22	3 59	19 46	1 8	16 5	1 37	24 20	0 53	23 20	0 8	18 53	0 51	20 56	0 7	2 19	1 15	1 2	16 2	13 58	13 38	20 57	7 34	6 46
S 11	23 3	14 56	4 36	20 18	0 57	16 26	1 35	24 20	0 53	23 20	0 8	18 52	0 51	20 56	0 7	2 19	1 15	1 2	16 3	14 0	13 40	20 55	7 34	6 46
S 12	23 7	19 44	4 58	20 49	0 46	16 46	1 34	24 20	0 54	23 20	0 8	18 50	0 51	20 57	0 7	2 19	1 15	1 2	16 3	14 3	13 41	20 53	7 34	6 46
M13	23 11	23 33	5 4	21 18	0 34	17 5	1 32	24 20	0 54	23 20	0 7	18 49	0 51	20 58	0 7	2 19	1 15	1 2	16 3	14 6	13 42	20 50	7 34	6 47
T 14	23 14	26 11	4 55	21 47	0 23	17 25	1 31	24 19	0 54	23 20	0 7	18 47	0 51	20 58	0 7	2 19	1 15	1 2	16 3	14 9	13 43	20 48	7 34	6 47
W15	23 17	27 29	4 32	22 14	0 12	17 44	1 29	24 18	0 55	23 20	0 7	18 46	0 51	20 59	0 7	2 18	1 15	1 2	16 3	14 12	13 44	20 45	7 34	6 47
T 16	23 20	27 25	3 57	22 39	0 1	18 2	1 27	24 17	0 55	23 20	0 7	18 44	0 51	20 59	0 7	2 18	1 15	1 1	16 4	14 15	13 45	20 43	7 34	6 48
F 17	23 22	26 2	3 12	23 3	0n10	18 20	1 25	24 16	0 55	23 20	0 7	18 42	0 51	21 0	0 7	2 18	1 16	1 1	16 4	14 18	13 46	20 40	7 34	6 48
S 18	23 24	23 29	2 19	23 24	0 20	18 38	1 23	24 14	0 56	23 20	0 7	18 41	0 51	21 1	0 7	2 18	1 16	1 1	16 4	14 20	13 47	20 38	7 34	6 49
S 19	23 26	19 56	1 20	23 44	0 31	18 55	1 22	24 12	0 56	23 20	0 7	18 39	0 51	21 1	0 7	2 18	1 16	1 1	16 4	14 21	13 48	20 36	7 34	6 49
M20	23 27	15 37	0 17	24 0	0 41	19 12	1 20	24 11	0 56	23 20	0 7	18 37	0 51	21 2	0 7	2 18	1 16	1 1	16 4	14 21	13 49	20 33	7 34	6 49
T 21	23 27	10 43	0n46	24 14	0 50	19 28	1 18	24 9	0 57	23 20	0 7	18 36	0 51	21 2	0 7	2 18	1 16	1 1	16 5	14 21	13 50	20 31	7 35	6 50
W22	23 28	5 23	1 49	24 26	0 59	19 43	1 16	24 6	0 57	23 19	0 7	18 34	0 51	21 3	0 7	2 18	1 16	1 1	16 5	14 21	13 51	20 28	7 35	6 50
T 23	23 27	0n12	2 47	24 35	1 7	19 59	1 13	24 4	0 57	23 19	0 6	18 32	0 51	21 4	0 7	2 18	1 16	1 1	16 5	14 21	13 52	20 26	7 35	6 50
F 24	23 27	5 54	3 39	24 41	1 15	20 13	1 11	24 1	0 58	23 19	0 6	18 30	0 51	21 4	0 7	2 18	1 16	1 1	16 5	14 21	13 53	20 23	7 35	6 50
S 25	23 26	11 31	4 21	24 44	1 22	20 27	1 9	23 58	0 58	23 19	0 6	18 29	0 51	21 5	0 7	2 18	1 16	1 1	16 6	14 21	13 54	20 21	7 35	6 51
S 26	23 24	16 49	4 52	24 44	1 28	20 41	1 7	23 55	0 58	23 18	0 6	18 27	0 51	21 5	0 7	2 18	1 16	1 1	16 6	14 22	13 55	20 18	7 36	6 51
M27	23 22	21 28	5 7	24 41	1 34	20 54	1 5	23 52	0 58	23 18	0 6	18 25	0 51	21 6	0 7	2 18	1 16	1 1	16 6	14 24	13 56	20 16	7 36	6 51
T 28	23 20	25 5	5 5	24 36	1 39	21 7	1 2	23 48	0 59	23 18	0 6	18 23	0 51	21 7	0 7	2 18	1 16	1 1	16 6	14 26	13 57	20 13	7 36	6 52
W29	23 17	27 14	4 44	24 28	1 43	21 19	1 0	23 45	0 59	23 17	0 6	18 21	0 51	21 7	0 7	2 18	1 16	1 1	16 7	14 28	13 58	20 11	7 36	6 52
T 30	23n14	27n31	4n 4	24n18	1n46	21n30	0s58	23n41	0n59	23n17	0s 6	18n20	0n51	21n 8	0s 7	2s18	1s16	1s 1	16s 7	14s30	13s59	20s 8	7s37	6n52

Julian Day Number = 2400196.5, Delta T = 9.10 sec
Ecliptic obliquity = 23°27'34, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°46'38, Lahiri = 21°53'38

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ASTRODIENST EPHEMERIS for the year 1859
geocentric

JULY 1859 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 34 5	8♋35'12	14♋ 3	17♋46	14♊50	14♋51	4♋46	11♌ 2	5♊36	27°R10	8♉17	20°R57	22♒34	6♒20	22°R10	F 1
S 2	18 38 1	9°32'26	29° 8	19°48	16° 3	15°30	5° 0	11° 9	5°39	27♓10	8°18	20♒53	22°30	6°27	22♒ 8	S 2
S 3	18 41 58	10°29'39	14♌ 7	21°48	17°16	16° 9	5°14	11°16	5°42	27°10	8°19	20°D51	22°27	6°33	22° 6	S 3
M 4	18 45 54	11°26'52	28°53	23°46	18°28	16°48	5°27	11°23	5°45	27°10	8°20	20°51	22°24	6°40	22° 4	M 4
T 5	18 49 51	12°24'05	13♍21	25°43	19°41	17°27	5°41	11°30	5°48	27°10	8°20	20°53	22°21	6°47	22° 2	T 5
W 6	18 53 48	13°21'18	27°28	27°37	20°53	18° 6	5°54	11°37	5°51	27° 9	8°21	20°54	22°18	6°53	22° 0	W 6
T 7	18 57 44	14°18'30	11♎13	29°30	22° 6	18°45	6° 8	11°44	5°54	27° 9	8°22	20°R55	22°15	7° 0	21°57	T 7
F 8	19 1 41	15°15'42	24°37	1♌20	23°19	19°25	6°22	11°52	5°57	27° 9	8°22	20°54	22°11	7° 7	21°55	F 8
S 9	19 5 37	16°12'54	7♏42	3° 9	24°32	20° 4	6°35	11°59	5°59	27° 9	8°23	20°52	22° 8	7°13	21°53	S 9
S 10	19 9 34	17°10'06	20°30	4°56	25°44	20°43	6°49	12° 6	6° 2	27° 8	8°23	20°49	22° 5	7°20	21°50	S 10
M11	19 13 30	18° 7'18	3♐ 3	6°40	26°57	21°21	7° 2	12°13	6° 5	27° 8	8°24	20°45	22° 2	7°27	21°48	M11
T 12	19 17 27	19° 4'31	15°24	8°23	28°10	22° 0	7°16	12°20	6° 8	27° 8	8°25	20°39	21°59	7°33	21°45	T 12
W13	19 21 23	20° 1'43	27°34	10° 4	29°23	22°39	7°29	12°28	6°11	27° 7	8°25	20°34	21°55	7°40	21°43	W13
T 14	19 25 20	20°58'55	9♑36	11°43	0♋36	23°18	7°43	12°35	6°13	27° 7	8°26	20°29	21°52	7°47	21°40	T 14
F 15	19 29 17	21°56'08	21°32	13°20	1°49	23°57	7°56	12°42	6°16	27° 7	8°26	20°26	21°49	7°53	21°38	F 15
S 16	19 33 13	22°53'22	3♒22	14°55	3° 1	24°36	8° 9	12°50	6°19	27° 6	8°27	20°23	21°46	8° 0	21°35	S 16
S 17	19 37 10	23°50'35	15°10	16°27	4°14	25°15	8°23	12°57	6°21	27° 6	8°27	20°D22	21°43	8° 7	21°33	S 17
M18	19 41 6	24°47'49	26°58	17°58	5°27	25°54	8°36	13° 5	6°24	27° 5	8°28	20°22	21°40	8°13	21°30	M18
T 19	19 45 3	25°45'04	8♓48	19°27	6°40	26°32	8°49	13°12	6°27	27° 4	8°28	20°23	21°36	8°20	21°27	T 19
W20	19 48 59	26°42'19	20°45	20°54	7°54	27°11	9° 3	13°20	6°29	27° 4	8°29	20°24	21°33	8°27	21°24	W20
T 21	19 52 56	27°39'35	2♈51	22°19	9° 7	27°50	9°16	13°27	6°32	27° 3	8°29	20°26	21°30	8°33	21°22	T 21
F 22	19 56 52	28°36'52	15°12	23°42	10°20	28°29	9°29	13°35	6°34	27° 3	8°29	20°27	21°27	8°40	21°19	F 22
S 23	20 0 49	29°34'10	27°52	25° 3	11°33	29° 7	9°43	13°42	6°37	27° 2	8°30	20°R28	21°24	8°46	21°16	S 23
S 24	20 4 46	0♌31'29	10♉54	26°21	12°46	29°46	9°56	13°50	6°39	27° 1	8°30	20°27	21°21	8°53	21°13	S 24
M25	20 8 42	1°28'49	24°22	27°38	13°59	0♌25	10° 9	13°57	6°41	27° 0	8°30	20°26	21°17	9° 0	21°10	M25
T 26	20 12 39	2°26'09	8♊17	28°52	15°13	1° 3	10°22	14° 5	6°44	27° 0	8°31	20°25	21°14	9° 6	21° 7	T 26
W27	20 16 35	3°23'31	22°38	0♍ 4	16°26	1°42	10°35	14°12	6°46	26°59	8°31	20°22	21°11	9°13	21° 4	W27
T 28	20 20 32	4°20'54	7♋23	1°14	17°39	2°21	10°48	14°20	6°48	26°58	8°31	20°20	21° 8	9°20	21° 1	T 28
F 29	20 24 28	5°18'18	22°25	2°21	18°53	2°59	11° 1	14°28	6°50	26°57	8°31	20°19	21° 5	9°26	20°58	F 29
S 30	20 28 25	6°15'42	7♌36	3°25	20° 6	3°38	11°14	14°35	6°53	26°56	8°32	20°18	21° 1	9°33	20°55	S 30
S 31	20 32 22	7♌13'08	22♌46	4♍27	21♋20	4♌16	11♋27	14♌43	6♊55	26♓55	8♉32	20°D18	20♒58	9♒40	20♒52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n11	25n48	3n 6	24n 5	1n49	21n41	0s55	23n37	0n59	23n17	0s 6	18n18	0n51	21n 8	0s 7	2s18	1s16	1s 1	16s 7	14s32	14s 0	20s 6	7s37	6n53
S 2	23 7	22 14	1 55	23 50	1 51	21 51	0 53	23 33	1 0	23 16	0 6	18 16	0 51	21 9	0 7	2 18	1 16	1 1	16 7	14 33	14 1	20 3	7 37	6 53
S 3	23 3	17 12	0 37	23 32	1 52	22 0	0 51	23 28	1 0	23 16	0 5	18 14	0 51	21 9	0 7	2 18	1 16	1 1	16 8	14 33	14 2	20 1	7 38	6 53
M 4	22 58	11 11	0s44	23 13	1 53	22 9	0 48	23 24	1 0	23 15	0 5	18 12	0 51	21 10	0 7	2 18	1 16	1 1	16 8	14 33	14 3	19 58	7 38	6 53
T 5	22 53	4 43	1 59	22 52	1 52	22 18	0 46	23 19	1 0	23 15	0 5	18 10	0 51	21 10	0 7	2 18	1 16	1 1	16 8	14 33	14 4	19 56	7 39	6 54
W 6	22 47	1s50	3 6	22 29	1 52	22 26	0 43	23 14	1 1	23 14	0 5	18 8	0 51	21 11	0 7	2 18	1 16	1 1	16 9	14 33	14 6	19 53	7 39	6 54
T 7	22 41	8 7	4 0	22 4	1 50	22 33	0 41	23 9	1 1	23 14	0 5	18 6	0 51	21 11	0 7	2 18	1 17	1 1	16 9	14 32	14 7	19 51	7 40	6 54
F 8	22 35	13 53	4 40	21 38	1 48	22 39	0 38	23 4	1 1	23 13	0 5	18 4	0 52	21 12	0 7	2 18	1 17	1 1	16 9	14 32	14 8	19 48	7 40	6 54
S 9	22 28	18 52	5 4	21 10	1 45	22 45	0 36	22 58	1 1	23 13	0 5	18 2	0 52	21 12	0 7	2 18	1 17	1 1	16 9	14 33	14 9	19 46	7 41	6 55
S 10	22 21	22 54	5 12	20 42	1 42	22 50	0 33	22 53	1 2	23 12	0 5	18 0	0 52	21 13	0 7	2 19	1 17	1 1	16 10	14 34	14 10	19 43	7 41	6 55
M11	22 14	25 46	5 5	20 12	1 38	22 55	0 31	22 47	1 2	23 12	0 5	17 58	0 52	21 13	0 7	2 19	1 17	1 2	16 10	14 35	14 11	19 41	7 42	6 55
T 12	22 6	27 21	4 44	19 41	1 33	22 59	0 28	22 41	1 2	23 11	0 5	17 56	0 52	21 14	0 7	2 19	1 17	1 2	16 10	14 37	14 12	19 38	7 42	6 55
W13	21 58	27 36	4 10	19 9	1 28	23 2	0 25	22 35	1 2	23 10	0 5	17 54	0 52	21 14	0 7	2 19	1 17	1 2	16 11	14 39	14 13	19 36	7 43	6 56
T 14	21 49	26 31	3 25	18 37	1 23	23 5	0 23	22 28	1 3	23 10	0 4	17 52	0 52	21 15	0 7	2 19	1 17	1 2	16 11	14 40	14 14	19 33	7 43	6 56
F 15	21 40	24 14	2 32	18 4	1 17	23 7	0 20	22 22	1 3	23 9	0 4	17 50	0 52	21 15	0 7	2 20	1 17	1 2	16 11	14 42	14 15	19 31	7 44	6 56
S 16	21 31	20 55	1 32	17 30	1 11	23 8	0 18	22 15	1 3	23 8	0 4	17 48	0 52	21 16	0 7	2 20	1 17	1 2	16 11	14 42	14 16	19 28	7 45	6 56
S 17	21 21	16 45	0 29	16 56	1 4	23 8	0 15	22 9	1 3	23 7	0 4	17 46	0 52	21 16	0 7	2 20	1 17	1 2	16 12	14 43	14 17	19 26	7 45	6 56
M18	21 11	11 58	0n36	16 21	0 56	23 8	0 12	22 2	1 4	23 7	0 4	17 44	0 52	21 17	0 7	2 20	1 17	1 2	16 12	14 43	14 18	19 23	7 46	6 56
T 19	21 1	6 44	1 40	15 46	0 49	23 8	0 10	21 54	1 4	23 6	0 4	17 42	0 52	21 17	0 7	2 21	1 17	1 3	16 12	14 42	14 19	19 20	7 47	6 57
W20	20 50	1 13	2 40	15 11	0 41	23 6	0 7	21 47	1 4	23 5	0 4	17 40	0 52	21 18	0 7	2 21	1 17	1 3	16 13	14 42	14 20	19 18	7 47	6 57
T 21	20 39	4n24	3 33	14 35	0 32	23 4	0 5	21 40	1 4	23 4	0 4	17 38	0 52	21 18	0 7	2 21	1 17	1 3	16 13	14 41	14 21	19 15	7 48	6 57
F 22	20 27	9 58	4 18	14 0	0 23	23 1	0 2	21 32	1 4	23 4	0 4	17 36	0 52	21 18	0 7	2 21	1 17	1 3	16 13	14 41	14 22	19 13	7 49	6 57
S 23	20 15	15 15	4 52	13 24	0 14	22 58	0n 0	21 24	1 5	23 3	0 4	17 34	0 52	21 19	0 7	2 22	1 17	1 3	16 14	14 41	14 23	19 10	7 50	6 57
S 24	20 3	20 2	5 12	12 49	0 5	22 54	0 3	21 16	1 5	23 2	0 4	17 32	0 52	21 19	0 7	2 22	1 17	1 4	16 14	14 41	14 24	19 8	7 50	6 57
M25	19 51	23 58	5 15	12 14	0s 5	22 49	0 6	21 8	1 5	23 1	0 3	17 29	0 52	21 20	0 7	2 22	1 17	1 4	16 14	14 41	14 25	19 5	7 51	6 57
T 26	19 38	26 39	5 1	11 38	0 15	22 43	0 8	21 0	1 5	23 0	0 3	17 27	0 52	21 20	0 7	2 23	1 17	1 4	16 15	14 42	14 26	19 2	7 52	6 58
W27	19 25	27 42	4 27	11 4	0 25	22 37	0 11	20 52	1 5	22 59	0 3	17 25	0 53	21 20	0 7	2 23	1 17	1 4	16 15	14 43	14 27	19 0	7 53	6 58
T 28	19 11	26 51	3 36	10 29	0 36	22 31	0 13	20 43	1 5	22 58	0 3	17 23	0 53	21 21	0 7	2 23	1 18	1 4	16 15	14 43	14 28	18 57	7 54	6 58
F 29	18 58	24 2	2 28	9 55	0 47	22 23	0 16	20 34	1 6	22 57	0 3	17 21	0 53	21 21	0 7	2 24	1 18	1 5	16 15	14 44	14 29	18 55	7 55	6 58
S 30	18 43	19 31	1 10	9 22	0 58	22 15	0 18	20 25	1 6	22 56	0 3	17 19	0 53	21 22	0 7	2 24	1 18	1 5	16 16	14 44	14 30	18 52	7 55	6 58
S 31	18n29	13n43	0s14	8n49	1s 9	22n 6	0n20	20n16	1n 6	22n55	0s 3	17n16	0n53	21n22	0s 7	2s25	1s18	1s 5	16s16	14s44	14s31	18s49	7s56	6n58

Julian Day Number = 2400226.5, Delta T = 9.08 sec
Ecliptic obliquity = 23°27'34, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°46'42, Lahiri = 21°53'42

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ASTRODIENST EPHEMERIS for the year 1859
geocentric

AUGUST 1859 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 36 18	8♌10'34	7♍46	5♍26	22♋33	4♌55	11♋40	14♌51	6♊57	26°R55	8♉32	20♒18	20♒55	9♒46	20°R49	M 1
T 2	20 40 15	9° 8'00	22°29	6°23	23°46	5°34	11°53	14°58	6°59	26♓54	8°32	20°19	20°52	9°53	20♒46	T 2
W 3	20 44 11	10° 5'28	6♎49	7°16	25° 0	6°12	12° 6	15° 6	7° 1	26°53	8°32	20°20	20°49	10° 0	20°43	W 3
T 4	20 48 8	11° 2'56	20°43	8° 6	26°14	6°51	12°18	15°14	7° 3	26°52	8°32	20°20	20°46	10° 6	20°40	T 4
F 5	20 52 4	12° 0'25	4♏12	8°53	27°27	7°29	12°31	15°21	7° 5	26°50	8°32	20°21	20°42	10°13	20°37	F 5
S 6	20 56 1	12°57'55	17°17	9°36	28°41	8° 8	12°44	15°29	7° 7	26°49	8°32	20°R21	20°39	10°20	20°34	S 6
S 7	20 59 57	13°55'25	0♐ 1	10°16	29°54	8°46	12°56	15°37	7° 9	26°48	8°33	20°21	20°36	10°26	20°31	S 7
M 8	21 3 54	14°52'56	12°27	10°52	1♑ 8	9°24	13° 9	15°45	7°10	26°47	8°33	20°20	20°33	10°33	20°28	M 8
T 9	21 7 51	15°50'29	24°39	11°24	2°22	10° 3	13°21	15°52	7°12	26°46	8°R33	20°19	20°30	10°40	20°25	T 9
W10	21 11 47	16°48'02	6♑40	11°52	3°35	10°41	13°34	16° 0	7°14	26°45	8°33	20°19	20°27	10°46	20°21	W10
T 11	21 15 44	17°45'36	18°34	12°15	4°49	11°20	13°46	16° 8	7°16	26°44	8°33	20°19	20°23	10°53	20°18	T 11
F 12	21 19 40	18°43'11	0♒24	12°33	6° 3	11°58	13°58	16°15	7°17	26°43	8°32	20°18	20°20	10°59	20°15	F 12
S 13	21 23 37	19°40'47	12°12	12°47	7°17	12°36	14°11	16°23	7°19	26°41	8°32	20°18	20°17	11° 6	20°12	S 13
S 14	21 27 33	20°38'25	24° 0	12°56	8°31	13°15	14°23	16°31	7°20	26°40	8°32	20°18	20°14	11°13	20° 9	S 14
M15	21 31 30	21°36'03	5♓52	12°R59	9°44	13°53	14°35	16°38	7°22	26°39	8°32	20°18	20°11	11°19	20° 6	M15
T 16	21 35 26	22°33'43	17°48	12°57	10°58	14°31	14°47	16°46	7°23	26°38	8°32	20°18	20° 7	11°26	20° 3	T 16
W17	21 39 23	23°31'25	29°52	12°49	12°12	15°10	14°59	16°54	7°25	26°36	8°32	20°18	20° 4	11°33	20° 0	W17
T 18	21 43 19	24°29'07	12♈ 7	12°35	13°26	15°48	15°11	17° 1	7°26	26°35	8°32	20°17	20° 1	11°39	19°56	T 18
F 19	21 47 16	25°26'52	24°34	12°16	14°40	16°26	15°23	17° 9	7°27	26°34	8°31	20°17	19°58	11°46	19°53	F 19
S 20	21 51 13	26°24'38	7♉16	11°51	15°54	17° 5	15°35	17°17	7°29	26°32	8°31	20°16	19°55	11°53	19°50	S 20
S 21	21 55 9	27°22'26	20°18	11°21	17° 8	17°43	15°46	17°24	7°30	26°31	8°31	20°16	19°52	11°59	19°47	S 21
M22	21 59 6	28°20'16	3♊40	10°45	18°22	18°21	15°58	17°32	7°31	26°29	8°31	20°D16	19°48	12° 6	19°44	M22
T 23	22 3 2	29°18'07	17°26	10° 4	19°36	18°59	16°10	17°39	7°32	26°28	8°30	20°16	19°45	12°13	19°41	T 23
W24	22 6 59	0♍16'00	1♋35	9°19	20°51	19°38	16°21	17°47	7°33	26°27	8°30	20°17	19°42	12°19	19°38	W24
T 25	22 10 55	1°13'55	16° 6	8°30	22° 5	20°16	16°33	17°55	7°34	26°25	8°30	20°18	19°39	12°26	19°35	T 25
F 26	22 14 52	2°11'52	0♌55	7°38	23°19	20°54	16°44	18° 2	7°35	26°24	8°29	20°19	19°36	12°32	19°32	F 26
S 27	22 18 49	3° 9'50	15°57	6°43	24°33	21°32	16°55	18°10	7°36	26°22	8°29	20°R19	19°32	12°39	19°29	S 27
S 28	22 22 45	4° 7'50	1♍ 3	5°47	25°47	22°11	17° 7	18°17	7°37	26°21	8°29	20°19	19°29	12°46	19°26	S 28
M29	22 26 42	5° 5'52	16° 5	4°52	27° 2	22°49	17°18	18°25	7°38	26°19	8°28	20°18	19°26	12°52	19°23	M29
T 30	22 30 38	6° 3'55	0♎53	3°57	28°16	23°27	17°29	18°32	7°38	26°18	8°28	20°16	19°23	12°59	19°20	T 30
W31	22 34 35	7♍ 2'00	15♎22	3♍ 5	29♌30	24♌ 5	17♋40	18♌40	7♊39	26♓16	8♉27	20♒14	19♒20	13♒ 6	19♒17	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	18n14	7n11	1s35	8n17	1s20	21n57	0n23	20n 7	1n 6	22n54	0s 3	17n14	0n53	21n22	0s 7	2s25	1s18	1s 5	16s16	14s44	14s32	18s47	7s57	6n58	M 1
T 2	17 59	0 24	2 49	7 45	1 32	21 47	0 25	19 58	1 6	22 53	0 3	17 12	0 53	21 23	0 7	2 26	1 18	1 6	16 17	14 44	14 33	18 44	7 58	6 58	T 2
W 3	17 44	6s14	3 50	7 15	1 43	21 36	0 28	19 49	1 7	22 52	0 3	17 10	0 53	21 23	0 7	2 26	1 18	1 6	16 17	14 43	14 34	18 41	7 59	6 58	W 3
T 4	17 28	12 21	4 36	6 46	1 55	21 25	0 30	19 39	1 7	22 51	0 2	17 8	0 53	21 23	0 7	2 26	1 18	1 6	16 17	14 43	14 35	18 39	8 0	6 58	T 4
F 5	17 12	17 42	5 5	6 17	2 7	21 13	0 32	19 29	1 7	22 50	0 2	17 5	0 53	21 24	0 7	2 27	1 18	1 6	16 18	14 43	14 36	18 36	8 1	6 58	F 5
S 6	16 56	22 4	5 17	5 50	2 19	21 0	0 34	19 20	1 7	22 49	0 2	17 3	0 53	21 24	0 7	2 27	1 18	1 7	16 18	14 43	14 37	18 33	8 2	6 58	S 6
S 7	16 40	25 16	5 13	5 24	2 30	20 47	0 37	19 10	1 7	22 48	0 2	17 1	0 53	21 24	0 7	2 28	1 18	1 7	16 18	14 43	14 38	18 31	8 3	6 58	S 7
M 8	16 23	27 10	4 54	5 0	2 42	20 33	0 39	19 0	1 7	22 47	0 2	16 59	0 53	21 25	0 7	2 28	1 18	1 7	16 19	14 43	14 39	18 28	8 4	6 58	M 8
T 9	16 6	27 43	4 22	4 37	2 53	20 19	0 41	18 50	1 7	22 45	0 2	16 57	0 53	21 25	0 7	2 29	1 18	1 8	16 19	14 43	14 40	18 26	8 5	6 58	T 9
W10	15 49	26 57	3 39	4 16	3 5	20 4	0 43	18 39	1 8	22 44	0 2	16 54	0 54	21 25	0 7	2 29	1 18	1 8	16 19	14 44	14 41	18 23	8 6	6 58	W10
T 11	15 31	24 56	2 47	3 57	3 16	19 48	0 45	18 29	1 8	22 43	0 2	16 52	0 54	21 25	0 7	2 30	1 18	1 8	16 20	14 44	14 42	18 20	8 7	6 58	T 11
F 12	15 14	21 51	1 48	3 40	3 27	19 32	0 47	18 18	1 8	22 42	0 2	16 50	0 54	21 26	0 7	2 30	1 18	1 8	16 20	14 44	14 43	18 18	8 7	6 58	F 12
S 13	14 56	17 52	0 45	3 25	3 37	19 16	0 49	18 8	1 8	22 41	0 2	16 48	0 54	21 26	0 7	2 31	1 18	1 9	16 20	14 44	14 44	18 15	8 8	6 58	S 13
S 14	14 37	13 13	0n21	3 13	3 47	18 58	0 51	17 57	1 8	22 39	0 1	16 45	0 54	21 26	0 7	2 31	1 18	1 9	16 21	14 44	14 45	18 12	8 10	6 58	S 14
M15	14 19	8 3	1 25	3 3	3 57	18 41	0 53	17 46	1 8	22 38	0 1	16 43	0 54	21 26	0 7	2 32	1 18	1 9	16 21	14 44	14 46	18 10	8 11	6 58	M15
T 16	14 0	2 34	2 27	2 55	4 6	18 22	0 55	17 35	1 8	22 37	0 1	16 41	0 54	21 27	0 7	2 32	1 18	1 10	16 21	14 44	14 47	18 7	8 12	6 58	T 16
W17	13 41	3n 3	3 23	2 51	4 14	18 4	0 57	17 24	1 9	22 36	0 1	16 39	0 54	21 27	0 7	2 33	1 18	1 10	16 21	14 44	14 48	18 4	8 13	6 58	W17
T 18	13 22	8 37	4 10	2 49	4 21	17 44	0 59	17 12	1 9	22 35	0 1	16 37	0 54	21 27	0 7	2 33	1 18	1 10	16 22	14 44	14 49	18 1	8 14	6 58	T 18
F 19	13 3	13 57	4 46	2 51	4 27	17 24	1 0	17 1	1 9	22 33	0 1	16 34	0 54	21 27	0 7	2 34	1 18	1 11	16 22	14 44	14 50	17 59	8 15	6 58	F 19
S 20	12 43	18 49	5 9	2 56	4 32	17 4	1 2	16 49	1 9	22 32	0 1	16 32	0 54	21 28	0 7	2 35	1 18	1 11	16 22	14 44	14 51	17 56	8 16	6 58	S 20
S 21	12 24	22 56	5 17	3 4	4 35	16 43	1 4	16 38	1 9	22 31	0 1	16 30	0 55	21 28	0 7	2 35	1 18	1 12	16 23	14 45	14 52	17 53	8 17	6 58	S 21
M22	12 4	25 57	5 9	3 16	4 37	16 22	1 5	16 26	1 9	22 30	0 1	16 28	0 55	21 28	0 7	2 36	1 18	1 12	16 23	14 45	14 53	17 51	8 18	6 57	M22
T 23	11 44	27 33	4 43	3 30	4 38	16 0	1 7	16 14	1 9	22 28	0 1	16 25	0 55	21 28	0 7	2 36	1 18	1 12	16 23	14 44	14 54	17 48	8 19	6 57	T 23
W24	11 23	27 26	3 59	3 48	4 37	15 38	1 8	16 2	1 9	22 27	0 0	16 23	0 55	21 28	0 7	2 37	1 18	1 13	16 24	14 44	14 55	17 45	8 20	6 57	W24
T 25	11 3	25 27	2 59	4 9	4 34	15 15	1 9	15 50	1 9	22 26	0 0	16 21	0 55	21 29	0 7	2 38	1 19	1 13	16 24	14 44	14 56	17 43	8 21	6 57	T 25
F 26	10 42	21 41	1 46	4 33	4 29	14 52	1 11	15 38	1 10	22 24	0 0	16 19	0 55	21 29	0 7	2 38	1 19	1 13	16 24	14 44	14 57	17 40	8 22	6 57	F 26
S 27	10 21	16 27	0 24	5 0	4 22	14 29	1 12	15 26	1 10	22 23	0 0	16 16	0 55	21 29	0 7	2 39	1 19	1 14	16 24	14 44	14 58	17 37	8 23	6 57	S 27
S 28	10 0	10 11	0s59	5 28	4 13	14 5	1 13	15 14	1 10	22 22	0 0	16 14	0 55	21 29	0 7	2 39	1 19	1 14	16 25	14 44	14 59	17 34	8 24	6 57	S 28
M29	9 39	3 23	2 18	5 58	4 3	13 41	1 15	15 1	1 10	22 20	0n 0	16 12	0 55	21 29	0 7	2 40	1 19	1 15	16 25	14 44	15 0	17 32	8 25	6 56	M29
T 30	9 18	3s30	3 26	6 29	3 50	13 16	1 16	14 49	1 10	22 19	0 0	16 10	0 55	21 29	0 7	2 41	1 19	1 15	16 25	14 44	15 1	17 29	8 26	6 56	T 30
W31	8n56	10s 2	4s20	7n 1	3s36	12n51	1n17	14n36	1n10	22n18	0n 0	16n 7	0n56	21n29	0s 7	2s41	1s19	1s15	16s26	14s45	15s 2	17s26	8s27	6n56	W31

Julian Day Number = 2400257.5, Delta T = 9.06 sec
Ecliptic obliquity = 23°27'34, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°46'46, Lahiri = 21°53'46

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ASTRODIENST EPHEMERIS for the year 1859
geocentric

SEPTEMBER 1859 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 38 31	8♍ 0'06	29♎25	2°R16	0♍45	24♌43	17♋51	18♌47	7♊40	26°R14	8°R27	20°R12	19♒17	13♒12	19°R14	T 1
F 2	22 42 28	8°58'13	13♏ 1	1♍31	1°59	25°21	18° 1	18°55	7°40	26♓13	8♉27	20♒10	19°13	13°19	19♒11	F 2
S 3	22 46 24	9°56'23	26°11	0°53	3°13	26° 0	18°12	19° 2	7°41	26°11	8°26	20° 9	19°10	13°26	19° 8	S 3
S 4	22 50 21	10°54'33	8♐56	0°21	4°28	26°38	18°23	19° 9	7°41	26°10	8°25	20°D 8	19° 7	13°32	19° 5	S 4
M 5	22 54 17	11°52'45	21°21	29♌56	5°42	27°16	18°33	19°17	7°42	26° 8	8°25	20° 8	19° 4	13°39	19° 2	M 5
T 6	22 58 14	12°50'59	3♑30	29°40	6°57	27°54	18°44	19°24	7°42	26° 7	8°24	20° 9	19° 1	13°46	19° 0	T 6
W 7	23 2 11	13°49'14	15°27	29°D32	8°11	28°32	18°54	19°31	7°43	26° 5	8°24	20°11	18°58	13°52	18°57	W 7
T 8	23 6 7	14°47'30	27°17	29°33	9°26	29°10	19° 4	19°38	7°43	26° 3	8°23	20°13	18°54	13°59	18°54	T 8
F 9	23 10 4	15°45'48	9♒ 5	29°43	10°40	29°48	19°14	19°46	7°43	26° 2	8°23	20°14	18°51	14° 6	18°52	F 9
S 10	23 14 0	16°44'08	20°53	0♍ 2	11°55	0♍26	19°24	19°53	7°43	26° 0	8°22	20°R15	18°48	14°12	18°49	S 10
S 11	23 17 57	17°42'29	2♓45	0°30	13° 9	1° 4	19°34	20° 0	7°44	25°58	8°21	20°14	18°45	14°19	18°46	S 11
M12	23 21 53	18°40'53	14°44	1° 6	14°24	1°42	19°44	20° 7	7°44	25°57	8°21	20°12	18°42	14°25	18°44	M12
T 13	23 25 50	19°39'18	26°52	1°51	15°38	2°20	19°54	20°14	7°R44	25°55	8°20	20° 8	18°38	14°32	18°41	T 13
W14	23 29 46	20°37'44	9♈ 9	2°45	16°53	2°58	20° 4	20°21	7°44	25°54	8°19	20° 4	18°35	14°39	18°39	W14
T 15	23 33 43	21°36'13	21°38	3°45	18° 8	3°36	20°13	20°28	7°44	25°52	8°19	19°58	18°32	14°45	18°36	T 15
F 16	23 37 40	22°34'44	4♉19	4°53	19°22	4°14	20°22	20°35	7°44	25°50	8°18	19°53	18°29	14°52	18°34	F 16
S 17	23 41 36	23°33'17	17°13	6° 7	20°37	4°52	20°32	20°42	7°43	25°49	8°17	19°48	18°26	14°59	18°31	S 17
S 18	23 45 33	24°31'53	0♊21	7°27	21°52	5°30	20°41	20°49	7°43	25°47	8°16	19°44	18°23	15° 5	18°29	S 18
M19	23 49 29	25°30'30	13°45	8°52	23° 6	6° 8	20°50	20°56	7°43	25°45	8°16	19°42	18°19	15°12	18°27	M19
T 20	23 53 26	26°29'10	27°26	10°22	24°21	6°46	20°59	21° 2	7°43	25°44	8°15	19°D42	18°16	15°19	18°25	T 20
W21	23 57 22	27°27'52	11♋23	11°56	25°36	7°24	21° 8	21° 9	7°42	25°42	8°14	19°42	18°13	15°25	18°22	W21
T 22	0 1 19	28°26'37	25°37	13°33	26°51	8° 2	21°16	21°16	7°42	25°40	8°13	19°44	18°10	15°32	18°20	T 22
F 23	0 5 15	29°25'23	10♌ 6	15°13	28° 5	8°40	21°25	21°22	7°42	25°39	8°12	19°45	18° 7	15°39	18°18	F 23
S 24	0 9 12	0♎24'12	24°47	16°55	29°20	9°18	21°33	21°29	7°41	25°37	8°12	19°R45	18° 4	15°45	18°16	S 24
S 25	0 13 9	1°23'03	9♍35	18°40	0♎35	9°56	21°42	21°36	7°40	25°35	8°11	19°43	18° 0	15°52	18°14	S 25
M26	0 17 5	2°21'56	24°23	20°25	1°50	10°34	21°50	21°42	7°40	25°34	8°10	19°40	17°57	15°58	18°12	M26
T 27	0 21 2	3°20'51	9♎ 4	22°12	3° 5	11°12	21°58	21°49	7°39	25°32	8° 9	19°35	17°54	16° 5	18°10	T 27
W28	0 24 58	4°19'48	23°29	23°59	4°20	11°50	22° 6	21°55	7°38	25°30	8° 8	19°28	17°51	16°12	18° 8	W28
T 29	0 28 55	5°18'47	7♏33	25°47	5°35	12°28	22°14	22° 1	7°38	25°29	8° 7	19°20	17°48	16°18	18° 6	T 29
F 30	0 32 51	6♎17'48	21♏12	27♍36	6♎49	13♍ 6	22♋21	22♌ 7	7♊37	25♓27	8♉ 6	19♒13	17♒44	16♒25	18♒ 5	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n35	15s53	4s55	7n33	3s21	12n26	1n18	14n24	1n10	22n16	0n 0	16n 5	0n56	21n30	0s 7	2s42	1s19	1s16	16s26	14s46	15s 3	17s23	8s28	6n56
F 2	8 13	20 44	5 13	8 5	3 4	12 0	1 19	14 11	1 10	22 15	0 0	16 3	0 56	21 30	0 7	2 43	1 19	1 16	16 26	14 46	15 4	17 21	8 30	6 56
S 3	7 51	24 24	5 14	8 35	2 46	11 34	1 20	13 58	1 10	22 14	0 1	16 1	0 56	21 30	0 7	2 43	1 19	1 17	16 26	14 47	15 5	17 18	8 31	6 55
S 4	7 29	26 44	4 59	9 3	2 28	11 8	1 20	13 45	1 10	22 12	0 1	15 59	0 56	21 30	0 7	2 44	1 19	1 17	16 27	14 47	15 6	17 15	8 32	6 55
M 5	7 7	27 40	4 30	9 30	2 9	10 41	1 21	13 32	1 10	22 11	0 1	15 56	0 56	21 30	0 7	2 45	1 19	1 17	16 27	14 47	15 7	17 12	8 33	6 55
T 6	6 44	27 15	3 50	9 53	1 50	10 14	1 22	13 19	1 11	22 10	0 1	15 54	0 56	21 30	0 7	2 45	1 19	1 18	16 27	14 47	15 8	17 10	8 34	6 55
W 7	6 22	25 33	3 0	10 14	1 30	9 47	1 22	13 6	1 11	22 8	0 1	15 52	0 56	21 30	0 7	2 46	1 19	1 18	16 28	14 46	15 9	17 7	8 35	6 55
T 8	6 0	22 44	2 3	10 32	1 11	9 19	1 23	12 53	1 11	22 7	0 1	15 50	0 56	21 30	0 7	2 46	1 19	1 19	16 28	14 46	15 10	17 4	8 36	6 54
F 9	5 37	18 59	1 1	10 46	0 53	8 52	1 23	12 39	1 11	22 6	0 1	15 48	0 57	21 30	0 7	2 47	1 19	1 19	16 28	14 45	15 11	17 1	8 37	6 54
S 10	5 14	14 29	0n 4	10 56	0 35	8 24	1 24	12 26	1 11	22 5	0 1	15 46	0 57	21 30	0 7	2 48	1 19	1 20	16 28	14 45	15 12	16 59	8 38	6 54
S 11	4 52	9 26	1 8	11 2	0 17	7 55	1 24	12 12	1 11	22 3	0 1	15 44	0 57	21 30	0 7	2 48	1 19	1 20	16 29	14 45	15 13	16 56	8 39	6 53
M12	4 29	4 1	2 10	11 5	0 1	7 27	1 25	11 59	1 11	22 2	0 1	15 41	0 57	21 30	0 7	2 49	1 19	1 20	16 29	14 46	15 14	16 53	8 40	6 53
T 13	4 6	1n37	3 7	11 3	0n14	6 58	1 25	11 45	1 11	22 1	0 2	15 39	0 57	21 30	0 7	2 50	1 19	1 21	16 29	14 47	15 15	16 50	8 41	6 53
W14	3 43	7 15	3 56	10 57	0 29	6 29	1 25	11 32	1 11	21 59	0 2	15 37	0 57	21 30	0 7	2 50	1 19	1 21	16 29	14 48	15 16	16 48	8 42	6 53
T 15	3 20	12 41	4 35	10 48	0 42	6 0	1 25	11 18	1 11	21 58	0 2	15 35	0 57	21 30	0 7	2 51	1 19	1 22	16 30	14 50	15 17	16 45	8 43	6 52
F 16	2 57	17 41	5 0	10 34	0 54	5 31	1 25	11 4	1 11	21 57	0 2	15 33	0 57	21 30	0 7	2 52	1 19	1 22	16 30	14 52	15 18	16 42	8 44	6 52
S 17	2 34	21 58	5 11	10 17	1 5	5 1	1 25	10 50	1 11	21 55	0 2	15 31	0 58	21 30	0 7	2 52	1 19	1 23	16 30	14 53	15 19	16 39	8 45	6 52
S 18	2 10	25 14	5 6	9 56	1 15	4 32	1 25	10 36	1 11	21 54	0 2	15 29	0 58	21 30	0 7	2 53	1 19	1 23	16 30	14 55	15 20	16 36	8 46	6 51
M19	1 47	27 11	4 45	9 32	1 23	4 2	1 25	10 22	1 11	21 53	0 2	15 27	0 58	21 30	0 7	2 54	1 19	1 23	16 30	14 55	15 21	16 34	8 47	6 51
T 20	1 24	27 33	4 7	9 5	1 31	3 32	1 25	10 8	1 11	21 52	0 2	15 25	0 58	21 30	0 7	2 54	1 19	1 24	16 31	14 55	15 22	16 31	8 48	6 51
W21	1 1	26 11	3 14	8 35	1 37	3 2	1 24	9 54	1 11	21 50	0 3	15 23	0 58	21 30	0 7	2 55	1 19	1 24	16 31	14 55	15 23	16 28	8 49	6 50
T 22	0 37	23 8	2 8	8 2	1 42	2 32	1 24	9 40	1 11	21 49	0 3	15 21	0 58	21 30	0 7	2 56	1 19	1 25	16 31	14 55	15 24	16 25	8 50	6 50
F 23	0 14	18 34	0 52	7 27	1 46	2 2	1 24	9 26	1 11	21 48	0 3	15 19	0 58	21 30	0 7	2 56	1 19	1 25	16 31	14 54	15 25	16 22	8 51	6 50
S 24	0s10	12 50	0s27	6 50	1 49	1 32	1 23	9 11	1 11	21 47	0 3	15 17	0 59	21 30	0 7	2 57	1 19	1 26	16 31	14 54	15 26	16 20	8 52	6 49
S 25	0 33	6 21	1 46	6 12	1 51	1 2	1 23	8 57	1 11	21 46	0 3	15 15	0 59	21 30	0 7	2 58	1 19	1 26	16 32	14 55	15 27	16 17	8 53	6 49
M26	0 56	0s28	2 57	5 31	1 52	0 31	1 22	8 43	1 11	21 44	0 3	15 13	0 59	21 30	0 7	2 58	1 19	1 27	16 32	14 56	15 28	16 14	8 54	6 49
T 27	1 20	7 12	3 55	4 49	1 53	0 1	1 21	8 28	1 11	21 43	0 3	15 11	0 59	21 29	0 7	2 59	1 19	1 27	16 32	14 58	15 29	16 11	8 55	6 48
W28	1 43	13 25	4 38	4 6	1 52	0s29	1 21	8 14	1 12	21 42	0 3	15 9	0 59	21 29	0 7	3 0	1 19	1 27	16 32	15 0	15 30	16 8	8 56	6 48
T 29	2 7	18 48	5 2	3 22	1 51	1 0	1 20	7 59	1 12	21 41	0 3	15 7	0 59	21 29	0 7	3 0	1 19	1 28	16 32	15 2	15 31	16 5	8 57	6 48
F 30	2s30	23s 2	5s 8	2n38	1n49	1s30	1n19	7n45	1n12	21n40	0n 4	15n 5	0n59	21n29	0s 7	3s 1	1s19	1s28	16s33	15s 4	15s32	16s 3	8s58	6n47

Julian Day Number = 2400288.5, Delta T = 9.05 sec
Ecliptic obliquity = 23°27'35, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°46'50, Lahiri = 21°53'51

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ASTRODIENST EPHEMERIS for the year 1859
geocentric

OCTOBER 1859 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 36 48	7♎16'51	4♐26	29♍24	8♎ 4	13♍44	22♋29	22♌14	7°R36	25°R25	8°R 5	19°R 7	17♒41	16♒32	18°R 3	S 1
S 2	0 40 44	8°15'55	17°14	1♎12	9°19	14°22	22°36	22°20	7♊35	25♓24	8♉ 4	19♒ 3	17°38	16°38	18♒ 1	S 2
M 3	0 44 41	9°15'02	29°41	3° 0	10°34	15° 0	22°43	22°26	7°34	25°22	8° 3	19° 0	17°35	16°45	18° 0	M 3
T 4	0 48 38	10°14'10	11♑50	4°48	11°49	15°38	22°50	22°32	7°33	25°21	8° 2	19°D 0	17°32	16°52	17°58	T 4
W 5	0 52 34	11°13'20	23°46	6°35	13° 4	16°16	22°57	22°38	7°32	25°19	8° 1	19° 0	17°29	16°58	17°57	W 5
T 6	0 56 31	12°12'31	5♒36	8°21	14°19	16°53	23° 4	22°44	7°31	25°17	8° 0	19° 2	17°25	17° 5	17°55	T 6
F 7	1 0 27	13°11'45	17°23	10° 7	15°34	17°31	23°11	22°50	7°30	25°16	7°59	19°R 2	17°22	17°12	17°54	F 7
S 8	1 4 24	14°11'00	29°14	11°53	16°49	18° 9	23°17	22°55	7°29	25°14	7°58	19° 2	17°19	17°18	17°53	S 8
S 9	1 8 20	15°10'17	11♓11	13°37	18° 4	18°47	23°24	23° 1	7°27	25°13	7°57	18°59	17°16	17°25	17°51	S 9
M10	1 12 17	16° 9'36	23°18	15°21	19°19	19°25	23°30	23° 7	7°26	25°11	7°56	18°54	17°13	17°31	17°50	M10
T 11	1 16 13	17° 8'57	5♈38	17° 4	20°34	20° 3	23°36	23°12	7°25	25°10	7°55	18°47	17° 9	17°38	17°49	T 11
W12	1 20 10	18° 8'20	18°12	18°47	21°49	20°41	23°42	23°18	7°24	25° 8	7°54	18°37	17° 6	17°45	17°48	W12
T 13	1 24 6	19° 7'45	1♉ 1	20°29	23° 4	21°18	23°47	23°23	7°22	25° 7	7°53	18°26	17° 3	17°51	17°47	T 13
F 14	1 28 3	20° 7'12	14° 2	22°10	24°19	21°56	23°53	23°29	7°21	25° 5	7°52	18°15	17° 0	17°58	17°46	F 14
S 15	1 32 0	21° 6'41	27°17	23°51	25°34	22°34	23°58	23°34	7°19	25° 4	7°51	18° 5	16°57	18° 5	17°45	S 15
S 16	1 35 56	22° 6'13	10♊43	25°31	26°49	23°12	24° 3	23°39	7°18	25° 2	7°50	17°57	16°54	18°11	17°44	S 16
M17	1 39 53	23° 5'47	24°19	27°10	28° 4	23°50	24° 9	23°44	7°16	25° 1	7°49	17°51	16°50	18°18	17°44	M17
T 18	1 43 49	24° 5'23	8♋ 4	28°48	29°19	24°28	24°13	23°49	7°14	25° 0	7°48	17°48	16°47	18°25	17°43	T 18
W19	1 47 46	25° 5'01	21°59	0♏26	0♏34	25° 6	24°18	23°54	7°13	24°58	7°47	17°D47	16°44	18°31	17°42	W19
T 20	1 51 42	26° 4'42	6♌ 2	2° 4	1°49	25°43	24°23	23°59	7°11	24°57	7°46	17°47	16°41	18°38	17°42	T 20
F 21	1 55 39	27° 4'25	20°14	3°40	3° 4	26°21	24°27	24° 4	7° 9	24°55	7°45	17°R47	16°38	18°45	17°41	F 21
S 22	1 59 36	28° 4'10	4♍32	5°16	4°19	26°59	24°31	24° 9	7° 8	24°54	7°43	17°46	16°35	18°51	17°41	S 22
S 23	2 3 32	29° 3'58	18°55	6°52	5°34	27°37	24°35	24°14	7° 6	24°53	7°42	17°43	16°31	18°58	17°40	S 23
M24	2 7 29	0♏ 3'47	3♎19	8°27	6°49	28°15	24°39	24°18	7° 4	24°52	7°41	17°37	16°28	19° 5	17°40	M24
T 25	2 11 25	1° 3'39	17°37	10° 1	8° 5	28°52	24°43	24°23	7° 2	24°50	7°40	17°28	16°25	19°11	17°40	T 25
W26	2 15 22	2° 3'33	1♏46	11°35	9°20	29°30	24°46	24°27	7° 0	24°49	7°39	17°17	16°22	19°18	17°40	W26
T 27	2 19 18	3° 3'29	15°38	13° 9	10°35	0♎ 8	24°49	24°31	6°58	24°48	7°38	17° 4	16°19	19°24	17°40	T 27
F 28	2 23 15	4° 3'26	29°10	14°42	11°50	0°46	24°53	24°36	6°56	24°47	7°37	16°52	16°15	19°31	17°D40	F 28
S 29	2 27 11	5° 3'26	12♐21	16°14	13° 5	1°24	24°55	24°40	6°54	24°45	7°36	16°42	16°12	19°38	17°40	S 29
S 30	2 31 8	6° 3'27	25° 8	17°46	14°20	2° 1	24°58	24°44	6°52	24°44	7°34	16°33	16° 9	19°44	17°40	S 30
M31	2 35 5	7♏ 3'30	7♑35	19♏18	15♏35	2♎39	25♋ 1	24♌48	6♊50	24♓43	7♉33	16♒27	16♒ 6	19♒51	17♒40	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s54	25s55	4s58	1n53	1n47	2s 1	1n18	7n30	1n12	21n39	0n 4	15n 3	1n 0	21n29	0s 7	3s 2	1s19	1s29	16s33	15s 6	15s33	16s 0	8s58	6n47
S 2	3 17	27 22	4 32	1 7	1 44	2 31	1 17	7 16	1 12	21 38	0 4	15 1	1 0	21 29	0 7	3 2	1 19	1 29	16 33	15 8	15 34	15 57	8 59	6 46
M 3	3 40	27 22	3 54	0 21	1 41	3 1	1 16	7 1	1 12	21 36	0 4	14 59	1 0	21 29	0 7	3 3	1 19	1 30	16 33	15 8	15 35	15 54	9 0	6 46
T 4	4 3	26 2	3 7	0s25	1 37	3 32	1 15	6 46	1 12	21 35	0 4	14 58	1 0	21 29	0 7	3 4	1 19	1 30	16 33	15 8	15 36	15 51	9 1	6 46
W 5	4 27	23 32	2 12	1 11	1 33	4 2	1 14	6 31	1 12	21 34	0 4	14 56	1 0	21 28	0 7	3 4	1 19	1 30	16 33	15 8	15 37	15 48	9 2	6 45
T 6	4 50	20 3	1 12	1 58	1 29	4 32	1 13	6 17	1 12	21 33	0 4	14 54	1 0	21 28	0 7	3 5	1 19	1 31	16 33	15 8	15 38	15 45	9 3	6 45
F 7	5 13	15 47	0 9	2 44	1 24	5 2	1 11	6 2	1 12	21 32	0 4	14 52	1 0	21 28	0 7	3 5	1 19	1 31	16 34	15 8	15 38	15 43	9 3	6 44
S 8	5 36	10 54	0n55	3 30	1 18	5 32	1 10	5 47	1 12	21 31	0 5	14 50	1 1	21 28	0 7	3 6	1 19	1 32	16 34	15 8	15 39	15 40	9 4	6 44
S 9	5 59	5 35	1 56	4 15	1 13	6 2	1 9	5 32	1 12	21 30	0 5	14 49	1 1	21 28	0 7	3 7	1 19	1 32	16 34	15 9	15 40	15 37	9 5	6 43
M10	6 22	0 1	2 53	5 1	1 7	6 32	1 7	5 17	1 11	21 30	0 5	14 47	1 1	21 27	0 7	3 7	1 19	1 33	16 34	15 10	15 41	15 34	9 6	6 43
T 11	6 44	5n39	3 43	5 46	1 2	7 1	1 6	5 2	1 11	21 29	0 5	14 45	1 1	21 27	0 7	3 8	1 19	1 33	16 34	15 13	15 42	15 31	9 6	6 43
W12	7 7	11 11	4 22	6 31	0 55	7 31	1 4	4 48	1 11	21 28	0 5	14 44	1 1	21 27	0 7	3 8	1 19	1 33	16 34	15 15	15 43	15 28	9 7	6 42
T 13	7 30	16 21	4 50	7 15	0 49	8 0	1 3	4 33	1 11	21 27	0 5	14 42	1 1	21 27	0 7	3 9	1 19	1 34	16 34	15 19	15 44	15 25	9 8	6 42
F 14	7 52	20 53	5 3	7 59	0 43	8 29	1 1	4 18	1 11	21 26	0 5	14 40	1 2	21 27	0 7	3 10	1 19	1 34	16 34	15 22	15 45	15 23	9 9	6 41
S 15	8 15	24 26	5 0	8 42	0 36	8 58	0 59	4 3	1 11	21 25	0 5	14 39	1 2	21 26	0 7	3 10	1 19	1 35	16 34	15 25	15 46	15 20	9 9	6 41
S 16	8 37	26 42	4 40	9 24	0 30	9 27	0 58	3 48	1 11	21 24	0 6	14 37	1 2	21 26	0 7	3 11	1 19	1 35	16 34	15 28	15 47	15 17	9 10	6 40
M17	8 59	27 25	4 5	10 7	0 23	9 55	0 56	3 33	1 11	21 24	0 6	14 36	1 2	21 26	0 7	3 11	1 19	1 35	16 35	15 30	15 48	15 14	9 11	6 40
T 18	9 21	26 27	3 15	10 48	0 17	10 24	0 54	3 18	1 11	21 23	0 6	14 34	1 2	21 26	0 7	3 12	1 19	1 36	16 35	15 31	15 49	15 11	9 11	6 40
W19	9 43	23 51	2 13	11 29	0 10	10 52	0 52	3 2	1 11	21 22	0 6	14 33	1 2	21 25	0 7	3 12	1 19	1 36	16 35	15 31	15 50	15 8	9 12	6 39
T 20	10 5	19 47	1 2	12 9	0 3	11 20	0 50	2 47	1 11	21 22	0 6	14 31	1 3	21 25	0 7	3 13	1 19	1 37	16 35	15 31	15 51	15 5	9 12	6 39
F 21	10 26	14 33	0s13	12 49	0s 4	11 47	0 48	2 32	1 11	21 21	0 6	14 30	1 3	21 25	0 7	3 13	1 19	1 37	16 35	15 31	15 52	15 2	9 13	6 38
S 22	10 48	8 29	1 28	13 27	0 11	12 15	0 46	2 17	1 11	21 20	0 6	14 28	1 3	21 24	0 7	3 14	1 19	1 37	16 35	15 31	15 53	14 59	9 14	6 38
S 23	11 9	1 59	2 37	14 5	0 17	12 42	0 44	2 2	1 11	21 20	0 7	14 27	1 3	21 24	0 7	3 14	1 19	1 38	16 35	15 32	15 54	14 57	9 14	6 37
M24	11 30	4s38	3 37	14 43	0 24	13 8	0 42	1 47	1 11	21 19	0 7	14 26	1 3	21 24	0 7	3 15	1 19	1 38	16 35	15 34	15 55	14 54	9 15	6 37
T 25	11 51	10 57	4 22	15 19	0 31	13 35	0 40	1 32	1 11	21 19	0 7	14 24	1 4	21 24	0 7	3 15	1 19	1 38	16 35	15 37	15 56	14 51	9 15	6 36
W26	12 12	16 38	4 50	15 55	0 38	14 1	0 38	1 17	1 11	21 18	0 7	14 23	1 4	21 23	0 7	3 16	1 19	1 39	16 35	15 40	15 57	14 48	9 16	6 36
T 27	12 33	21 20	5 1	16 30	0 44	14 26	0 36	1 2	1 11	21 18	0 7	14 22	1 4	21 23	0 7	3 16	1 19	1 39	16 35	15 44	15 58	14 45	9 16	6 35
F 28	12 53	24 47	4 54	17 4	0 51	14 52	0 34	0 47	1 11	21 17	0 7	14 21	1 4	21 23	0 7	3 17	1 19	1 40	16 35	15 48	15 59	14 42	9 17	6 35
S 29	13 13	26 47	4 32	17 37	0 57	15 17	0 32	0 32	1 11	21 17	0 7	14 19	1 4	21 22	0 7	3 17	1 19	1 40	16 35	15 51	16 0	14 39	9 17	6 34
S 30	13 33	27 18	3 56	18 10	1 4	15 41	0 29	0 16	1 11	21 17	0 8	14 18	1 5	21 22	0 7	3 18	1 19	1 40	16 35	15 53	16 1	14 36	9 17	6 34
M31	13s53	26s24	3s10	18s41	1s10	16s 5	0n27	0n 1	1n10	21n16	0n 8	14n17	1n 5	21n22	0s 7	3s18	1s19	1s41	16s35	15s55	16s 1	14s33	9s18	6n34

Julian Day Number = 2400318.5, Delta T = 9.03 sec
Ecliptic obliquity = 23°27'34, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°46'54, Lahiri = 21°53'55

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ASTRODIENST EPHEMERIS for the year 1859
geocentric

NOVEMBER 1859 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 39 1	8♏ 3'35	19♑45	20♏49	16♏50	3♎17	25♋ 3	24♌52	6°R48	24°R42	7°R32	16°R24	16♒ 3	19♒58	17♒40	T 1
W 2	2 42 58	9° 3'41	1♒42	22°19	18° 5	3°55	25° 5	24°56	6♊46	24♓41	7♉31	16♒23	16° 0	20° 4	17°40	W 2
T 3	2 46 54	10° 3'48	13°31	23°50	19°21	4°32	25° 7	24°59	6°44	24°40	7°30	16°23	15°56	20°11	17°41	T 3
F 4	2 50 51	11° 3'58	25°19	25°19	20°36	5°10	25° 9	25° 3	6°42	24°39	7°29	16°23	15°53	20°18	17°41	F 4
S 5	2 54 47	12° 4'08	7♓10	26°49	21°51	5°48	25°10	25° 6	6°39	24°38	7°28	16°21	15°50	20°24	17°42	S 5
S 6	2 58 44	13° 4'21	19°11	28°17	23° 6	6°26	25°12	25°10	6°37	24°37	7°27	16°18	15°47	20°31	17°42	S 6
M 7	3 2 40	14° 4'34	1♈24	29°46	24°21	7° 3	25°13	25°13	6°35	24°36	7°25	16°12	15°44	20°38	17°43	M 7
T 8	3 6 37	15° 4'50	13°54	1♗14	25°36	7°41	25°14	25°16	6°32	24°35	7°24	16° 3	15°41	20°44	17°43	T 8
W 9	3 10 33	16° 5'07	26°43	2°41	26°51	8°19	25°15	25°19	6°30	24°34	7°23	15°51	15°37	20°51	17°44	W 9
T 10	3 14 30	17° 5'25	9♉50	4° 8	28° 6	8°56	25°15	25°23	6°28	24°33	7°22	15°39	15°34	20°57	17°45	T 10
F 11	3 18 27	18° 5'46	23°15	5°34	29°21	9°34	25°16	25°25	6°26	24°32	7°21	15°25	15°31	21° 4	17°46	F 11
S 12	3 22 23	19° 6'08	6♊55	6°59	0♗37	10°12	25°16	25°28	6°23	24°32	7°20	15°13	15°28	21°11	17°47	S 12
S 13	3 26 20	20° 6'32	20°46	8°24	1°52	10°50	25°R16	25°31	6°21	24°31	7°19	15° 3	15°25	21°17	17°48	S 13
M14	3 30 16	21° 6'58	4♋45	9°48	3° 7	11°27	25°16	25°34	6°18	24°30	7°18	14°55	15°21	21°24	17°49	M14
T 15	3 34 13	22° 7'25	18°49	11°11	4°22	12° 5	25°15	25°36	6°16	24°29	7°17	14°51	15°18	21°31	17°50	T 15
W16	3 38 9	23° 7'55	2♌54	12°34	5°37	12°43	25°15	25°39	6°14	24°29	7°16	14°49	15°15	21°37	17°51	W16
T 17	3 42 6	24° 8'26	17° 0	13°55	6°52	13°20	25°14	25°41	6°11	24°28	7°14	14°48	15°12	21°44	17°52	T 17
F 18	3 46 3	25° 8'59	1♍ 5	15°15	8° 7	13°58	25°13	25°43	6° 9	24°27	7°13	14°48	15° 9	21°51	17°54	F 18
S 19	3 49 59	26° 9'33	15° 8	16°34	9°22	14°36	25°12	25°45	6° 6	24°27	7°12	14°47	15° 6	21°57	17°55	S 19
S 20	3 53 56	27°10'10	29°10	17°51	10°38	15°13	25°10	25°47	6° 4	24°26	7°11	14°44	15° 2	22° 4	17°57	S 20
M21	3 57 52	28°10'48	13♎ 7	19° 7	11°53	15°51	25° 9	25°49	6° 1	24°26	7°10	14°38	14°59	22°11	17°58	M21
T 22	4 1 49	29°11'28	26°59	20°20	13° 8	16°29	25° 7	25°51	5°59	24°25	7° 9	14°29	14°56	22°17	18° 0	T 22
W23	4 5 45	0♗12'10	10♏41	21°32	14°23	17° 6	25° 5	25°52	5°56	24°25	7° 8	14°17	14°53	22°24	18° 1	W23
T 24	4 9 42	1°12'53	24°11	22°41	15°38	17°44	25° 3	25°54	5°54	24°24	7° 7	14° 5	14°50	22°31	18° 3	T 24
F 25	4 13 38	2°13'37	7♗26	23°47	16°53	18°21	25° 0	25°56	5°51	24°24	7° 6	13°52	14°47	22°37	18° 5	F 25
S 26	4 17 35	3°14'23	20°23	24°50	18° 8	18°59	24°58	25°57	5°49	24°23	7° 5	13°41	14°43	22°44	18° 7	S 26
S 27	4 21 32	4°15'10	3♑ 3	25°49	19°23	19°37	24°55	25°58	5°46	24°23	7° 4	13°32	14°40	22°50	18° 8	S 27
M28	4 25 28	5°15'59	15°25	26°44	20°39	20°14	24°52	25°59	5°43	24°23	7° 3	13°26	14°37	22°57	18°10	M28
T 29	4 29 25	6°16'48	27°33	27°35	21°54	20°52	24°49	26° 0	5°41	24°23	7° 2	13°22	14°34	23° 4	18°12	T 29
W30	4 33 21	7♗17'38	9♒29	28♗19	23♗ 9	21♎29	24♋46	26♌ 1	5♊38	24♓22	7♉ 1	13°D21	14♒31	23♒10	18♒14	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s12	24s15	2s16	19s12	1s16	16s29	0n25	0s14	1n10	21n16	0n 8	14n16	1n 5	21n21	0s 7	3s19	1s19	1s41	16s35	15s56	16s 2	14s30	9s18	6n33
W 2	14 32	21 3	1 17	19 41	1 22	16 52	0 23	0 29	1 10	21 16	0 8	14 15	1 5	21 21	0 7	3 19	1 19	1 41	16 35	15 56	16 3	14 27	9 19	6 33
T 3	14 51	17 1	0 15	20 10	1 28	17 15	0 20	0 44	1 10	21 16	0 8	14 14	1 5	21 20	0 7	3 19	1 19	1 41	16 35	15 56	16 4	14 24	9 19	6 32
F 4	15 10	12 21	0n47	20 38	1 34	17 38	0 18	0 59	1 10	21 15	0 8	14 13	1 5	21 20	0 7	3 20	1 18	1 42	16 35	15 56	16 5	14 21	9 19	6 32
S 5	15 28	7 13	1 48	21 4	1 39	18 0	0 15	1 14	1 10	21 15	0 8	14 12	1 6	21 20	0 7	3 20	1 18	1 42	16 35	15 57	16 6	14 19	9 20	6 31
S 6	15 47	1 46	2 44	21 30	1 45	18 21	0 13	1 29	1 10	21 15	0 9	14 11	1 6	21 19	0 7	3 20	1 18	1 42	16 35	15 58	16 7	14 16	9 20	6 31
M 7	16 5	3n50	3 34	21 54	1 50	18 42	0 11	1 44	1 10	21 15	0 9	14 10	1 6	21 19	0 7	3 21	1 18	1 43	16 35	16 0	16 8	14 13	9 20	6 30
T 8	16 22	9 24	4 15	22 18	1 55	19 3	0 8	1 59	1 10	21 15	0 9	14 9	1 6	21 19	0 7	3 21	1 18	1 43	16 35	16 2	16 9	14 10	9 20	6 30
W 9	16 40	14 43	4 44	22 40	2 0	19 23	0 6	2 14	1 10	21 15	0 9	14 8	1 6	21 18	0 7	3 22	1 18	1 43	16 35	16 6	16 10	14 7	9 21	6 29
T 10	16 57	19 29	4 59	23 1	2 4	19 42	0 3	2 29	1 10	21 15	0 9	14 7	1 7	21 18	0 7	3 22	1 18	1 43	16 34	16 10	16 11	14 4	9 21	6 29
F 11	17 14	23 24	4 57	23 21	2 9	20 1	0 1	2 44	1 9	21 15	0 9	14 6	1 7	21 17	0 7	3 22	1 18	1 44	16 34	16 14	16 12	14 1	9 21	6 28
S 12	17 31	26 4	4 39	23 40	2 13	20 19	0s 1	2 59	1 9	21 15	0 9	14 6	1 7	21 17	0 7	3 22	1 18	1 44	16 34	16 17	16 13	13 58	9 21	6 28
S 13	17 47	27 12	4 4	23 58	2 16	20 37	0 4	3 14	1 9	21 16	0 10	14 5	1 7	21 17	0 7	3 23	1 18	1 44	16 34	16 20	16 14	13 55	9 21	6 27
M14	18 3	26 37	3 15	24 14	2 20	20 54	0 6	3 28	1 9	21 16	0 10	14 4	1 8	21 16	0 7	3 23	1 18	1 44	16 34	16 22	16 15	13 52	9 21	6 27
T 15	18 19	24 20	2 13	24 29	2 23	21 11	0 9	3 43	1 9	21 16	0 10	14 4	1 8	21 16	0 7	3 23	1 18	1 45	16 34	16 24	16 16	13 49	9 22	6 27
W16	18 34	20 32	1 3	24 43	2 25	21 27	0 11	3 58	1 9	21 16	0 10	14 3	1 8	21 15	0 7	3 23	1 18	1 45	16 34	16 24	16 17	13 46	9 22	6 26
T 17	18 49	15 34	0s12	24 56	2 28	21 42	0 14	4 13	1 9	21 16	0 10	14 2	1 8	21 15	0 7	3 24	1 18	1 45	16 34	16 24	16 17	13 43	9 22	6 26
F 18	19 4	9 46	1 25	25 7	2 29	21 57	0 16	4 28	1 9	21 17	0 10	14 2	1 8	21 15	0 7	3 24	1 18	1 45	16 34	16 24	16 18	13 40	9 22	6 25
S 19	19 19	3 30	2 33	25 17	2 31	22 11	0 19	4 42	1 8	21 17	0 11	14 1	1 9	21 14	0 7	3 24	1 18	1 46	16 34	16 25	16 19	13 37	9 22	6 25
S 20	19 33	2s54	3 32	25 25	2 32	22 24	0 21	4 57	1 8	21 18	0 11	14 1	1 9	21 14	0 7	3 24	1 18	1 46	16 33	16 26	16 20	13 34	9 22	6 24
M21	19 46	9 8	4 17	25 32	2 32	22 37	0 24	5 12	1 8	21 18	0 11	14 0	1 9	21 13	0 7	3 25	1 18	1 46	16 33	16 27	16 21	13 31	9 22	6 24
T 22	20 0	14 52	4 48	25 38	2 32	22 49	0 26	5 26	1 8	21 19	0 11	14 0	1 9	21 13	0 7	3 25	1 18	1 46	16 33	16 30	16 22	13 28	9 22	6 23
W23	20 13	19 48	5 1	25 42	2 31	23 1	0 28	5 41	1 8	21 19	0 11	14 0	1 9	21 12	0 7	3 25	1 18	1 46	16 33	16 33	16 23	13 25	9 22	6 23
T 24	20 25	23 37	4 57	25 44	2 29	23 12	0 31	5 55	1 8	21 20	0 11	13 59	1 10	21 12	0 7	3 25	1 18	1 46	16 33	16 37	16 24	13 22	9 21	6 23
F 25	20 37	26 7	4 37	25 46	2 27	23 22	0 33	6 10	1 7	21 20	0 12	13 59	1 10	21 12	0 7	3 25	1 18	1 47	16 33	16 41	16 25	13 19	9 21	6 22
S 26	20 49	27 8	4 3	25 45	2 24	23 31	0 36	6 24	1 7	21 21	0 12	13 59	1 10	21 11	0 7	3 25	1 18	1 47	16 32	16 44	16 26	13 16	9 21	6 22
S 27	21 1	26 42	3 17	25 43	2 20	23 40	0 38	6 39	1 7	21 21	0 12	13 58	1 10	21 11	0 6	3 25	1 18	1 47	16 32	16 47	16 27	13 13	9 21	6 21
M28	21 12	24 56	2 23	25 40	2 15	23 48	0 40	6 53	1 7	21 22	0 12	13 58	1 10	21 10	0 6	3 25	1 18	1 47	16 32	16 48	16 28	13 10	9 21	6 21
T 29	21 22	22 2	1 23	25 35	2 9	23 55	0 43	7 7	1 7	21 23	0 12	13 58	1 11	21 10	0 6	3 25	1 18	1 47	16 32	16 49	16 29	13 7	9 21	6 20
W30	21s33	18s13	0s21	25s29	2s 2	24s 2	0s45	7s21	1n 7	21n24	0n12	13n58	1n11	21n 9	0s 6	3s26	1s18	1s47	16s32	16s50	16s30	13s 4	9s21	6n20

Julian Day Number = 2400349.5, Delta T = 9.02 sec
Ecliptic obliquity = 23°27'34, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°46'59, Lahiri = 21°53'59

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ASTRODIENST EPHEMERIS for the year 1859
geocentric

DECEMBER 1859 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 37 18	8♐18'29	21♒18	28♐58	24♐24	22♎ 7	24°R42	26♌ 2	5°R36	24°R22	7°R 0	13♒21	14♒27	23♒17	18♒16	T 1
F 2	4 41 14	9°19'21	3♓ 5	29°30	25°39	22°44	24♋38	26° 3	5♊33	24♓22	6♉59	13°21	14°24	23°24	18°19	F 2
S 3	4 45 11	10°20'14	14°56	29°54	26°54	23°22	24°34	26° 3	5°31	24°22	6°58	13°R21	14°21	23°30	18°21	S 3
S 4	4 49 7	11°21'07	26°56	0♑ 9	28° 9	23°59	24°30	26° 4	5°28	24°22	6°57	13°20	14°18	23°37	18°23	S 4
M 5	4 53 4	12°22'02	9♈11	0°R15	29°24	24°37	24°26	26° 4	5°26	24°22	6°57	13°16	14°15	23°44	18°25	M 5
T 6	4 57 1	13°22'57	21°44	0°10	0♑39	25°14	24°22	26° 4	5°23	24°D22	6°56	13°10	14°12	23°50	18°28	T 6
W 7	5 0 57	14°23'53	4♉39	29♐55	1°55	25°52	24°17	26°R 4	5°21	24°22	6°55	13° 2	14° 8	23°57	18°30	W 7
T 8	5 4 54	15°24'50	17°58	29°28	3°10	26°29	24°12	26° 4	5°18	24°22	6°54	12°52	14° 5	24° 4	18°33	T 8
F 9	5 8 50	16°25'47	1♊39	28°50	4°25	27° 7	24° 7	26° 4	5°16	24°22	6°53	12°42	14° 2	24°10	18°35	F 9
S 10	5 12 47	17°26'46	15°41	28° 1	5°40	27°44	24° 2	26° 4	5°13	24°22	6°52	12°33	13°59	24°17	18°38	S 10
S 11	5 16 43	18°27'45	29°58	27° 2	6°55	28°22	23°57	26° 4	5°11	24°22	6°52	12°25	13°56	24°24	18°40	S 11
M12	5 20 40	19°28'45	14♋25	25°53	8°10	28°59	23°51	26° 3	5° 9	24°22	6°51	12°19	13°53	24°30	18°43	M12
T 13	5 24 36	20°29'46	28°55	24°37	9°25	29°37	23°46	26° 3	5° 6	24°23	6°50	12°16	13°49	24°37	18°46	T 13
W14	5 28 33	21°30'48	13♌24	23°16	10°40	0♏14	23°40	26° 2	5° 4	24°23	6°49	12°D16	13°46	24°43	18°49	W14
T 15	5 32 30	22°31'51	27°46	21°53	11°55	0°51	23°34	26° 1	5° 1	24°23	6°48	12°16	13°43	24°50	18°52	T 15
F 16	5 36 26	23°32'55	11♍59	20°31	13°10	1°29	23°28	26° 0	4°59	24°23	6°48	12°18	13°40	24°57	18°54	F 16
S 17	5 40 23	24°33'59	26° 2	19°12	14°25	2° 6	23°22	25°59	4°57	24°24	6°47	12°R18	13°37	25° 3	18°57	S 17
S 18	5 44 19	25°35'05	9♎54	17°59	15°40	2°43	23°16	25°58	4°54	24°24	6°46	12°17	13°33	25°10	19° 0	S 18
M19	5 48 16	26°36'11	23°35	16°54	16°55	3°21	23° 9	25°57	4°52	24°25	6°46	12°14	13°30	25°17	19° 3	M19
T 20	5 52 12	27°37'19	7♏ 4	15°58	18°10	3°58	23° 2	25°55	4°50	24°25	6°45	12° 9	13°27	25°23	19° 6	T 20
W21	5 56 9	28°38'27	20°21	15°12	19°25	4°35	22°56	25°54	4°47	24°25	6°44	12° 2	13°24	25°30	19°10	W21
T 22	6 0 5	29°39'35	3♐25	14°37	20°40	5°13	22°49	25°52	4°45	24°26	6°44	11°54	13°21	25°37	19°13	T 22
F 23	6 4 2	0♑40'45	16°17	14°13	21°55	5°50	22°42	25°51	4°43	24°27	6°43	11°46	13°18	25°43	19°16	F 23
S 24	6 7 59	1°41'54	28°56	14° 0	23°10	6°27	22°35	25°49	4°41	24°27	6°42	11°39	13°14	25°50	19°19	S 24
S 25	6 11 55	2°43'04	11♑21	13°D56	24°25	7° 5	22°28	25°47	4°39	24°28	6°42	11°34	13°11	25°57	19°23	S 25
M26	6 15 52	3°44'15	23°34	14° 2	25°40	7°42	22°20	25°45	4°36	24°28	6°41	11°30	13° 8	26° 3	19°26	M26
T 27	6 19 48	4°45'25	5♒35	14°17	26°55	8°19	22°13	25°43	4°34	24°29	6°41	11°28	13° 5	26°10	19°29	T 27
W28	6 23 45	5°46'36	17°29	14°39	28° 9	8°56	22° 6	25°41	4°32	24°30	6°40	11°D28	13° 2	26°17	19°33	W28
T 29	6 27 41	6°47'46	29°17	15° 9	29°24	9°33	21°58	25°39	4°30	24°31	6°40	11°29	12°59	26°23	19°36	T 29
F 30	6 31 38	7°48'57	11♓ 3	15°45	0♒39	10°11	21°50	25°36	4°28	24°32	6°39	11°31	12°55	26°30	19°40	F 30
S 31	6 35 35	8♑50'07	22♓53	16♐27	1♒54	10♏48	21♋43	25♌34	4♊26	24♓32	6♉39	11♒33	12♒52	26♒37	19♒43	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s43	13s45	0n42	25s21	1s54	24s 8	0s47	7s36	1n 6	21n24	0n12	13n58	1n11	21n 9	0s 6	3s26	1s18	1s47	16s32	16s50	16s30	13s 1	9s20	6n20
F 2	21 52	8 46	1 44	25 12	1 44	24 13	0 49	7 50	1 6	21 25	0 13	13 58	1 11	21 9	0 6	3 26	1 18	1 47	16 31	16 50	16 31	12 58	9 20	6 19
S 3	22 1	3 28	2 41	25 1	1 34	24 17	0 52	8 4	1 6	21 26	0 13	13 58	1 12	21 8	0 6	3 26	1 18	1 48	16 31	16 50	16 32	12 55	9 20	6 19
S 4	22 10	2n 1	3 31	24 49	1 21	24 21	0 54	8 18	1 6	21 27	0 13	13 58	1 12	21 8	0 6	3 26	1 18	1 48	16 31	16 50	16 33	12 52	9 20	6 18
M 5	22 18	7 31	4 13	24 35	1 8	24 23	0 56	8 32	1 6	21 28	0 13	13 58	1 12	21 7	0 6	3 26	1 17	1 48	16 31	16 51	16 34	12 49	9 19	6 18
T 6	22 25	12 52	4 44	24 21	0 53	24 25	0 58	8 46	1 5	21 29	0 13	13 58	1 12	21 7	0 6	3 26	1 17	1 48	16 30	16 53	16 35	12 46	9 19	6 18
W 7	22 33	17 49	5 2	24 4	0 37	24 27	1 0	8 59	1 5	21 30	0 13	13 58	1 12	21 6	0 6	3 26	1 17	1 48	16 30	16 55	16 36	12 43	9 19	6 17
T 8	22 40	22 3	5 4	23 47	0 19	24 27	1 2	9 13	1 5	21 31	0 14	13 59	1 13	21 6	0 6	3 26	1 17	1 48	16 30	16 58	16 37	12 40	9 18	6 17
F 9	22 46	25 13	4 49	23 28	0 1	24 27	1 4	9 27	1 5	21 32	0 14	13 59	1 13	21 6	0 6	3 25	1 17	1 48	16 30	17 1	16 38	12 37	9 18	6 16
S 10	22 52	26 56	4 16	23 8	0n19	24 26	1 6	9 40	1 5	21 33	0 14	13 59	1 13	21 5	0 6	3 25	1 17	1 48	16 30	17 3	16 39	12 34	9 17	6 16
S 11	22 57	26 55	3 27	22 46	0 39	24 25	1 8	9 54	1 4	21 34	0 14	13 59	1 13	21 5	0 6	3 25	1 17	1 48	16 29	17 5	16 40	12 31	9 17	6 16
M12	23 3	25 4	2 24	22 24	0 59	24 22	1 10	10 7	1 4	21 35	0 14	14 0	1 14	21 4	0 6	3 25	1 17	1 48	16 29	17 7	16 41	12 28	9 16	6 15
T 13	23 7	21 33	1 11	22 2	1 19	24 19	1 12	10 21	1 4	21 36	0 14	14 0	1 14	21 4	0 6	3 25	1 17	1 48	16 29	17 8	16 41	12 25	9 16	6 15
W14	23 11	16 43	0s 6	21 39	1 38	24 15	1 13	10 34	1 4	21 37	0 15	14 1	1 14	21 3	0 6	3 25	1 17	1 48	16 29	17 8	16 42	12 22	9 16	6 14
T 15	23 15	10 58	1 23	21 17	1 56	24 10	1 15	10 48	1 3	21 39	0 15	14 1	1 14	21 3	0 6	3 25	1 17	1 48	16 28	17 8	16 43	12 19	9 15	6 14
F 16	23 18	4 42	2 33	20 55	2 12	24 5	1 17	11 1	1 3	21 40	0 15	14 2	1 14	21 3	0 6	3 25	1 17	1 48	16 28	17 8	16 44	12 16	9 14	6 14
S 17	23 21	1s42	3 34	20 36	2 26	23 59	1 19	11 14	1 3	21 41	0 15	14 2	1 15	21 2	0 6	3 24	1 17	1 48	16 28	17 7	16 45	12 13	9 14	6 13
S 18	23 23	7 55	4 21	20 18	2 38	23 52	1 20	11 27	1 3	21 42	0 15	14 3	1 15	21 2	0 6	3 24	1 17	1 48	16 27	17 8	16 46	12 10	9 13	6 13
M19	23 25	13 41	4 53	20 3	2 47	23 44	1 22	11 40	1 2	21 43	0 15	14 3	1 15	21 1	0 6	3 24	1 17	1 48	16 27	17 9	16 47	12 7	9 13	6 13
T 20	23 26	18 43	5 8	19 50	2 54	23 36	1 23	11 53	1 2	21 45	0 16	14 4	1 15	21 1	0 6	3 24	1 17	1 48	16 27	17 10	16 48	12 4	9 12	6 12
W21	23 27	22 45	5 6	19 41	2 58	23 27	1 25	12 6	1 2	21 46	0 16	14 5	1 15	21 1	0 6	3 24	1 17	1 48	16 27	17 12	16 49	12 1	9 12	6 12
T 22	23 28	25 33	4 47	19 35	3 1	23 17	1 26	12 18	1 1	21 47	0 16	14 5	1 16	21 0	0 6	3 23	1 17	1 48	16 26	17 14	16 50	11 58	9 11	6 12
F 23	23 27	26 59	4 15	19 31	3 1	23 7	1 27	12 31	1 1	21 49	0 16	14 6	1 16	21 0	0 6	3 23	1 17	1 47	16 26	17 16	16 51	11 55	9 10	6 11
S 24	23 27	26 58	3 31	19 31	3 0	22 55	1 28	12 44	1 1	21 50	0 16	14 7	1 16	20 59	0 6	3 23	1 17	1 47	16 26	17 18	16 52	11 52	9 10	6 11
S 25	23 26	25 34	2 37	19 33	2 58	22 43	1 30	12 56	1 0	21 51	0 16	14 8	1 16	20 59	0 6	3 23	1 17	1 47	16 25	17 20	16 52	11 49	9 9	6 11
M26	23 24	22 59	1 36	19 38	2 54	22 31	1 31	13 8	1 0	21 53	0 17	14 9	1 16	20 59	0 6	3 22	1 17	1 47	16 25	17 21	16 53	11 46	9 8	6 10
T 27	23 22	19 24	0 32	19 44	2 49	22 18	1 32	13 21	1 0	21 54	0 17	14 10	1 17	20 58	0 6	3 22	1 17	1 47	16 25	17 21	16 54	11 42	9 7	6 10
W28	23 20	15 5	0n33	19 53	2 43	22 4	1 33	13 33	1 0	21 55	0 17	14 11	1 17	20 58	0 6	3 22	1 17	1 47	16 25	17 21	16 55	11 39	9 7	6 10
T 29	23 17	10 14	1 36	20 3	2 36	21 49	1 34	13 45	0 59	21 57	0 17	14 12	1 17	20 58	0 6	3 21	1 17	1 47	16 24	17 21	16 56	11 36	9 6	6 9
F 30	23 14	5 2	2 35	20 14	2 29	21 34	1 35	13 57	0 59	21 58	0 17	14 13	1 17	20 57	0 6	3 21	1 17	1 47	16 24	17 20	16 57	11 33	9 5	6 9
S 31	23s10	0n21	3n28	20s26	2n21	21s18	1s35	14s 9	0n59	21n59	0n17	14n14	1n18	20n57	0s 6	3s21	1s17	1s46	16s24	17s20	16s58	11s30	9s 4	6n 9

Julian Day Number = 2400379.5, Delta T = 9.01 sec
Ecliptic obliquity = 23°27'33, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°47'03, Lahiri = 21°54'03

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ASTRODIENST EPHEMERIS for the year 1860
geocentric

JANUARY 1860 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 39 31	9♑51'17	4♈52	17♐14	3♒ 9	11♏25	21°R35	25°R31	4°R24	24♓33	6°R38	11°R34	12♒49	26♒43	19♒47	S 1
M 2	6 43 28	10°52'27	17° 3	18° 6	4°24	12° 2	21♋27	25♌29	4♊22	24°34	6♉38	11♒34	12°46	26°50	19°50	M 2
T 3	6 47 24	11°53'36	29°33	19° 1	5°39	12°39	21°19	25°26	4°21	24°35	6°38	11°33	12°43	26°56	19°54	T 3
W 4	6 51 21	12°54'45	12♉26	20° 0	6°53	13°16	21°11	25°23	4°19	24°36	6°37	11°30	12°39	27° 3	19°58	W 4
T 5	6 55 17	13°55'54	25°43	21° 3	8° 8	13°53	21° 3	25°20	4°17	24°37	6°37	11°26	12°36	27°10	20° 1	T 5
F 6	6 59 14	14°57'03	9♊28	22° 8	9°23	14°30	20°55	25°17	4°15	24°38	6°37	11°22	12°33	27°16	20° 5	F 6
S 7	7 3 10	15°58'11	23°38	23°16	10°37	15° 7	20°47	25°14	4°13	24°39	6°36	11°18	12°30	27°23	20° 9	S 7
S 8	7 7 7	16°59'19	8♋11	24°26	11°52	15°44	20°39	25°11	4°12	24°40	6°36	11°15	12°27	27°30	20°13	S 8
M 9	7 11 4	18° 0'27	22°58	25°38	13° 7	16°21	20°31	25° 7	4°10	24°41	6°36	11°12	12°24	27°36	20°17	M 9
T 10	7 15 0	19° 1'35	7♌54	26°52	14°21	16°58	20°23	25° 4	4° 9	24°42	6°35	11°D12	12°20	27°43	20°20	T 10
W11	7 18 57	20° 2'42	22°50	28° 8	15°36	17°35	20°15	25° 0	4° 7	24°44	6°35	11°12	12°17	27°50	20°24	W11
T 12	7 22 53	21° 3'49	7♍38	29°25	16°51	18°12	20° 7	24°57	4° 6	24°45	6°35	11°13	12°14	27°56	20°28	T 12
F 13	7 26 50	22° 4'55	22°12	0♑44	18° 5	18°48	19°59	24°53	4° 4	24°46	6°35	11°14	12°11	28° 3	20°32	F 13
S 14	7 30 46	23° 6'02	6♎28	2° 4	19°20	19°25	19°51	24°50	4° 3	24°47	6°35	11°16	12° 8	28°10	20°36	S 14
S 15	7 34 43	24° 7'08	20°25	3°25	20°34	20° 2	19°43	24°46	4° 1	24°49	6°35	11°R16	12° 5	28°16	20°40	S 15
M16	7 38 39	25° 8'15	4♏ 2	4°47	21°49	20°39	19°35	24°42	4° 0	24°50	6°34	11°16	12° 1	28°23	20°44	M16
T 17	7 42 36	26° 9'21	17°20	6°10	23° 3	21°16	19°27	24°38	3°59	24°51	6°34	11°15	11°58	28°30	20°48	T 17
W18	7 46 33	27°10'27	0♐21	7°34	24°18	21°52	19°19	24°34	3°57	24°53	6°34	11°13	11°55	28°36	20°52	W18
T 19	7 50 29	28°11'32	13° 6	8°59	25°32	22°29	19°11	24°30	3°56	24°54	6°34	11°12	11°52	28°43	20°56	T 19
F 20	7 54 26	29°12'37	25°38	10°25	26°46	23° 6	19° 3	24°26	3°55	24°56	6°34	11°10	11°49	28°50	21° 0	F 20
S 21	7 58 22	0♒13'42	7♑57	11°51	28° 1	23°42	18°55	24°22	3°54	24°57	6°D34	11° 8	11°45	28°56	21° 5	S 21
S 22	8 2 19	1°14'46	20° 7	13°19	29°15	24°19	18°47	24°18	3°53	24°59	6°34	11° 7	11°42	29° 3	21° 9	S 22
M23	8 6 15	2°15'49	2♒ 8	14°47	0♓29	24°56	18°40	24°13	3°52	25° 0	6°34	11° 6	11°39	29° 9	21°13	M23
T 24	8 10 12	3°16'51	14° 3	16°16	1°44	25°32	18°32	24° 9	3°51	25° 2	6°34	11°D 6	11°36	29°16	21°17	T 24
W25	8 14 8	4°17'52	25°52	17°45	2°58	26° 9	18°25	24° 4	3°50	25° 3	6°34	11° 6	11°33	29°23	21°21	W25
T 26	8 18 5	5°18'53	7♓40	19°15	4°12	26°45	18°17	24° 0	3°49	25° 5	6°34	11° 7	11°30	29°29	21°25	T 26
F 27	8 22 2	6°19'52	19°27	20°46	5°26	27°21	18°10	23°56	3°48	25° 6	6°35	11° 7	11°26	29°36	21°30	F 27
S 28	8 25 58	7°20'50	1♈19	22°18	6°40	27°58	18° 2	23°51	3°48	25° 8	6°35	11° 8	11°23	29°43	21°34	S 28
S 29	8 29 55	8°21'47	13°17	23°50	7°54	28°34	17°55	23°46	3°47	25°10	6°35	11° 8	11°20	29°49	21°38	S 29
M30	8 33 51	9°22'43	25°27	25°23	9° 8	29°10	17°48	23°42	3°46	25°11	6°35	11° 9	11°17	29°56	21°42	M30
T 31	8 37 48	10♒23'38	7♉53	26♑57	10♓22	29♏47	17♋41	23♌37	3♊46	25♓13	6♉35	11♒ 9	11♒14	0♓ 3	21♒47	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 6	5n47	4n12	20s38	2n13	21s 2	1s36	14s21	0n58	22n 1	0n17	14n15	1n18	20n56	0s 6	3s20	1s17	1s46	16s23	17s20	16s59	11s27	9s 3	6n 9
M 2	23 1	11 6	4 46	20 51	2 5	20 45	1 37	14 32	0 58	22 2	0 18	14 16	1 18	20 56	0 6	3 20	1 16	1 46	16 23	17 20	17 0	11 24	9 3	6 8
T 3	22 56	16 6	5 7	21 5	1 56	20 27	1 37	14 44	0 58	22 4	0 18	14 17	1 18	20 56	0 6	3 19	1 16	1 46	16 23	17 20	17 1	11 21	9 2	6 8
W 4	22 50	20 33	5 14	21 18	1 47	20 9	1 38	14 56	0 57	22 5	0 18	14 18	1 18	20 55	0 6	3 19	1 16	1 46	16 22	17 21	17 1	11 18	9 1	6 8
T 5	22 44	24 8	5 4	21 31	1 38	19 50	1 38	15 7	0 57	22 6	0 18	14 19	1 19	20 55	0 6	3 19	1 16	1 45	16 22	17 22	17 2	11 15	9 0	6 7
F 6	22 37	26 27	4 37	21 44	1 30	19 30	1 39	15 18	0 56	22 8	0 18	14 20	1 19	20 55	0 6	3 18	1 16	1 45	16 22	17 23	17 3	11 12	8 59	6 7
S 7	22 30	27 11	3 53	21 57	1 21	19 11	1 39	15 29	0 56	22 9	0 18	14 22	1 19	20 55	0 6	3 18	1 16	1 45	16 21	17 24	17 4	11 9	8 58	6 7
S 8	22 23	26 4	2 52	22 9	1 12	18 50	1 39	15 41	0 56	22 10	0 18	14 23	1 19	20 54	0 6	3 17	1 16	1 45	16 21	17 25	17 5	11 6	8 57	6 7
M 9	22 15	23 8	1 39	22 20	1 3	18 29	1 40	15 52	0 55	22 12	0 19	14 24	1 19	20 54	0 6	3 17	1 16	1 44	16 21	17 26	17 6	11 3	8 56	6 6
T 10	22 6	18 36	0 18	22 31	0 54	18 8	1 40	16 2	0 55	22 13	0 19	14 25	1 19	20 54	0 6	3 16	1 16	1 44	16 20	17 26	17 7	10 59	8 55	6 6
W11	21 58	12 55	1s 4	22 42	0 45	17 45	1 40	16 13	0 54	22 15	0 19	14 27	1 20	20 53	0 6	3 16	1 16	1 44	16 20	17 26	17 8	10 56	8 54	6 6
T 12	21 48	6 32	2 21	22 51	0 37	17 23	1 40	16 24	0 54	22 16	0 19	14 28	1 20	20 53	0 6	3 15	1 16	1 44	16 20	17 26	17 9	10 53	8 53	6 6
F 13	21 39	0s 5	3 28	22 59	0 28	17 0	1 39	16 34	0 54	22 17	0 19	14 30	1 20	20 53	0 6	3 15	1 16	1 43	16 19	17 25	17 9	10 50	8 52	6 6
S 14	21 29	6 33	4 20	23 7	0 20	16 36	1 39	16 45	0 53	22 18	0 19	14 31	1 20	20 53	0 6	3 14	1 16	1 43	16 19	17 25	17 10	10 47	8 51	6 5
S 15	21 18	12 33	4 56	23 13	0 11	16 13	1 39	16 55	0 53	22 20	0 19	14 32	1 20	20 52	0 6	3 14	1 16	1 43	16 19	17 25	17 11	10 44	8 50	6 5
M16	21 7	17 48	5 14	23 19	0 3	15 48	1 39	17 5	0 52	22 21	0 20	14 34	1 21	20 52	0 6	3 13	1 16	1 43	16 18	17 25	17 12	10 41	8 49	6 5
T 17	20 56	22 3	5 15	23 24	0s 5	15 23	1 38	17 15	0 52	22 22	0 20	14 35	1 21	20 52	0 6	3 12	1 16	1 42	16 18	17 25	17 13	10 38	8 48	6 5
W18	20 45	25 7	4 59	23 27	0 12	14 58	1 38	17 25	0 51	22 24	0 20	14 37	1 21	20 52	0 6	3 12	1 16	1 42	16 17	17 25	17 14	10 35	8 47	6 5
T 19	20 32	26 50	4 29	23 29	0 20	14 33	1 37	17 35	0 51	22 25	0 20	14 38	1 21	20 51	0 6	3 11	1 16	1 42	16 17	17 26	17 15	10 32	8 46	6 4
F 20	20 20	27 9	3 46	23 30	0 27	14 7	1 36	17 45	0 50	22 26	0 20	14 40	1 21	20 51	0 6	3 11	1 16	1 41	16 17	17 26	17 16	10 29	8 45	6 4
S 21	20 7	26 7	2 54	23 30	0 34	13 40	1 36	17 55	0 50	22 27	0 20	14 41	1 21	20 51	0 6	3 10	1 16	1 41	16 16	17 27	17 17	10 26	8 44	6 4
S 22	19 54	23 50	1 54	23 29	0 41	13 14	1 35	18 4	0 49	22 29	0 20	14 43	1 22	20 51	0 6	3 9	1 16	1 41	16 16	17 27	17 17	10 22	8 43	6 4
M23	19 40	20 30	0 50	23 26	0 48	12 46	1 34	18 13	0 49	22 30	0 20	14 45	1 22	20 51	0 6	3 9	1 16	1 40	16 16	17 27	17 18	10 19	8 42	6 4
T 24	19 26	16 22	0n16	23 22	0 55	12 19	1 33	18 23	0 48	22 31	0 21	14 46	1 22	20 51	0 6	3 8	1 16	1 40	16 15	17 27	17 19	10 16	8 40	6 3
W25	19 12	11 38	1 21	23 17	1 1	11 51	1 32	18 32	0 48	22 32	0 21	14 48	1 22	20 50	0 6	3 8	1 16	1 40	16 15	17 27	17 20	10 13	8 39	6 3
T 26	18 57	6 30	2 22	23 11	1 7	11 23	1 31	18 41	0 47	22 33	0 21	14 49	1 22	20 50	0 6	3 7	1 16	1 39	16 15	17 27	17 21	10 10	8 38	6 3
F 27	18 42	1 9	3 18	23 3	1 13	10 55	1 30	18 50	0 47	22 34	0 21	14 51	1 22	20 50	0 6	3 6	1 16	1 39	16 14	17 27	17 22	10 7	8 37	6 3
S 28	18 27	4n16	4 5	22 54	1 18	10 26	1 28	18 58	0 46	22 35	0 21	14 53	1 22	20 50	0 6	3 6	1 16	1 38	16 14	17 27	17 23	10 4	8 36	6 3
S 29	18 11	9 34	4 41	22 44	1 24	9 57	1 27	19 7	0 46	22 36	0 21	14 54	1 23	20 50	0 6	3 5	1 16	1 38	16 14	17 27	17 24	10 1	8 34	6 3
M30	17 55	14 36	5 6	22 32	1 29	9 28	1 26	19 15	0 45	22 37	0 21	14 56	1 23	20 50	0 6	3 4	1 16	1 38	16 13	17 27	17 24	9 58	8 33	6 3
T 31	17s39	19n 9	5n18	22s19	1s33	8s59	1s24	19s24	0n45	22n38	0n21	14n58	1n23	20n50	0s 6	3s 3	1s16	1s37	16s13	17s27	17s25	9s54	8s32	6n 3

Julian Day Number = 2400410.5, Delta T = 9.00 sec
Ecliptic obliquity = 23°27'33, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°47'07, Lahiri = 21°54'07

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ASTRODIENST EPHEMERIS for the year 1860
geocentric

FEBRUARY 1860 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 41 44	11♒24'31	20♉39	28♑32	11♓36	0♐23	17°R34	23°R32	3°R45	25♓15	6♉36	11♒ 9	11♒11	0♓ 9	21♒51	W 1
T 2	8 45 41	12°25'23	3♊49	0♒ 7	12°50	0°59	17♋28	23♌28	3♊45	25°17	6°36	11° 9	11° 7	0°16	21°55	T 2
F 3	8 49 37	13°26'13	17°25	1°43	14° 4	1°35	17°21	23°23	3°44	25°19	6°36	11° 9	11° 4	0°23	22° 0	F 3
S 4	8 53 34	14°27'03	1♋29	3°19	15°18	2°11	17°15	23°18	3°44	25°20	6°36	11° 9	11° 1	0°29	22° 4	S 4
S 5	8 57 31	15°27'50	15°59	4°57	16°32	2°48	17° 8	23°13	3°43	25°22	6°37	11°10	10°58	0°36	22° 8	S 5
M 6	9 1 27	16°28'37	0♌50	6°35	17°45	3°24	17° 2	23° 9	3°43	25°24	6°37	11°10	10°55	0°43	22°13	M 6
T 7	9 5 24	17°29'21	15°57	8°14	18°59	4° 0	16°56	23° 4	3°43	25°26	6°37	11°R10	10°51	0°49	22°17	T 7
W 8	9 9 20	18°30'05	1♍11	9°53	20°12	4°36	16°50	22°59	3°43	25°28	6°38	11°10	10°48	0°56	22°21	W 8
T 9	9 13 17	19°30'47	16°20	11°34	21°26	5°11	16°44	22°54	3°43	25°30	6°38	11° 9	10°45	1° 3	22°26	T 9
F 10	9 17 13	20°31'28	1♎17	13°15	22°39	5°47	16°39	22°49	3°42	25°32	6°39	11° 8	10°42	1° 9	22°30	F 10
S 11	9 21 10	21°32'08	15°53	14°57	23°53	6°23	16°33	22°44	3°D42	25°34	6°39	11° 7	10°39	1°16	22°34	S 11
S 12	9 25 6	22°32'47	0♏ 5	16°40	25° 6	6°59	16°28	22°40	3°42	25°36	6°40	11° 5	10°36	1°23	22°39	S 12
M13	9 29 3	23°33'25	13°51	18°24	26°19	7°35	16°23	22°35	3°43	25°38	6°40	11° 5	10°32	1°29	22°43	M13
T 14	9 33 0	24°34'01	27°11	20° 9	27°33	8°10	16°18	22°30	3°43	25°40	6°41	11°D 5	10°29	1°36	22°47	T 14
W15	9 36 56	25°34'37	10♐ 7	21°54	28°46	8°46	16°13	22°25	3°43	25°42	6°41	11° 5	10°26	1°43	22°52	W15
T 16	9 40 53	26°35'11	22°43	23°41	29°59	9°22	16° 8	22°20	3°43	25°44	6°42	11° 6	10°23	1°49	22°56	T 16
F 17	9 44 49	27°35'44	5♑ 2	25°28	1♈12	9°57	16° 4	22°15	3°43	25°46	6°42	11° 7	10°20	1°56	23° 0	F 17
S 18	9 48 46	28°36'16	17°10	27°16	2°25	10°33	15°59	22°10	3°44	25°48	6°43	11° 9	10°17	2° 2	23° 5	S 18
S 19	9 52 42	29°36'46	29° 7	29° 5	3°38	11° 8	15°55	22° 6	3°44	25°50	6°43	11°10	10°13	2° 9	23° 9	S 19
M20	9 56 39	0♓37'15	10♒59	0♓55	4°51	11°43	15°51	22° 1	3°45	25°52	6°44	11°R11	10°10	2°16	23°13	M20
T 21	10 0 36	1°37'42	22°48	2°46	6° 3	12°19	15°48	21°56	3°45	25°54	6°45	11°10	10° 7	2°22	23°17	T 21
W22	10 4 32	2°38'07	4♓36	4°38	7°16	12°54	15°44	21°51	3°46	25°56	6°45	11° 8	10° 4	2°29	23°22	W22
T 23	10 8 29	3°38'31	16°24	6°30	8°29	13°29	15°41	21°47	3°46	25°58	6°46	11° 6	10° 1	2°36	23°26	T 23
F 24	10 12 25	4°38'53	28°16	8°23	9°41	14° 4	15°37	21°42	3°47	26° 0	6°47	11° 2	9°57	2°42	23°30	F 24
S 25	10 16 22	5°39'13	10♈13	10°17	10°54	14°39	15°34	21°37	3°48	26° 2	6°47	10°58	9°54	2°49	23°35	S 25
S 26	10 20 18	6°39'31	22°17	12°11	12° 6	15°14	15°32	21°33	3°48	26° 5	6°48	10°53	9°51	2°56	23°39	S 26
M27	10 24 15	7°39'48	4♉31	14° 5	13°19	15°49	15°29	21°28	3°49	26° 7	6°49	10°49	9°48	3° 2	23°43	M27
T 28	10 28 11	8°40'02	16°59	16° 0	14°31	16°24	15°26	21°23	3°50	26° 9	6°50	10°46	9°45	3° 9	23°47	T 28
W29	10 32 8	9♓40'15	29♉42	17♓55	15♈43	16♐59	15♋24	21♌19	3♊51	26♓11	6♉51	10♒44	9♒42	3♓16	23♒51	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s22	22n58	5n14	22s 4	1s38	8s29	1s23	19s32	0n44	22n39	0n21	14n59	1n23	20n50	0s 6	3s 3	1s16	1s37	16s13	17s27	17s26	9s51	8s31	6n 2
T 2	17 5	25 44	4 54	21 48	1 42	8 0	1 21	19 40	0 43	22 40	0 21	15 1	1 23	20 49	0 6	3 2	1 16	1 36	16 12	17 27	17 27	9 48	8 29	6 2
F 3	16 48	27 7	4 17	21 31	1 46	7 30	1 19	19 48	0 43	22 41	0 22	15 3	1 23	20 49	0 6	3 1	1 16	1 36	16 12	17 27	17 28	9 45	8 28	6 2
S 4	16 31	26 50	3 23	21 12	1 49	6 59	1 17	19 56	0 42	22 42	0 22	15 4	1 23	20 49	0 6	3 1	1 16	1 36	16 11	17 27	17 29	9 42	8 27	6 2
S 5	16 13	24 45	2 16	20 52	1 53	6 29	1 16	20 3	0 41	22 43	0 22	15 6	1 23	20 49	0 6	3 0	1 16	1 35	16 11	17 26	17 30	9 39	8 26	6 2
M 6	15 55	20 55	0 57	20 30	1 56	5 58	1 14	20 11	0 41	22 44	0 22	15 8	1 24	20 49	0 6	2 59	1 15	1 35	16 11	17 26	17 31	9 36	8 24	6 2
T 7	15 36	15 39	0s27	20 7	1 58	5 28	1 12	20 18	0 40	22 45	0 22	15 9	1 24	20 49	0 6	2 58	1 15	1 34	16 10	17 26	17 31	9 33	8 23	6 2
W 8	15 18	9 22	1 49	19 43	2 0	4 57	1 10	20 26	0 40	22 46	0 22	15 11	1 24	20 49	0 6	2 58	1 15	1 34	16 10	17 26	17 32	9 30	8 22	6 2
T 9	14 59	2 35	3 3	19 17	2 2	4 26	1 7	20 33	0 39	22 47	0 22	15 13	1 24	20 49	0 6	2 57	1 15	1 33	16 10	17 27	17 33	9 26	8 20	6 2
F 10	14 40	4s14	4 4	18 50	2 4	3 55	1 5	20 40	0 38	22 47	0 22	15 15	1 24	20 49	0 6	2 56	1 15	1 33	16 9	17 27	17 34	9 23	8 19	6 2
S 11	14 20	10 40	4 47	18 21	2 5	3 24	1 3	20 47	0 37	22 48	0 22	15 16	1 24	20 49	0 6	2 55	1 15	1 33	16 9	17 27	17 35	9 20	8 18	6 2
S 12	14 1	16 22	5 11	17 51	2 5	2 53	1 1	20 53	0 37	22 49	0 22	15 18	1 24	20 49	0 6	2 54	1 15	1 32	16 9	17 28	17 36	9 17	8 16	6 2
M13	13 41	21 3	5 17	17 19	2 6	2 21	0 58	21 0	0 36	22 50	0 22	15 20	1 24	20 49	0 5	2 54	1 15	1 32	16 8	17 28	17 37	9 14	8 15	6 2
T 14	13 21	24 29	5 5	16 46	2 5	1 50	0 56	21 6	0 35	22 50	0 23	15 21	1 24	20 49	0 5	2 53	1 15	1 31	16 8	17 28	17 37	9 11	8 14	6 2
W15	13 0	26 34	4 38	16 11	2 5	1 18	0 53	21 13	0 35	22 51	0 23	15 23	1 24	20 49	0 5	2 52	1 15	1 31	16 8	17 28	17 38	9 8	8 12	6 2
T 16	12 40	27 13	3 57	15 35	2 4	0 47	0 51	21 19	0 34	22 52	0 23	15 25	1 25	20 49	0 5	2 51	1 15	1 30	16 7	17 27	17 39	9 4	8 11	6 2
F 17	12 19	26 29	3 7	14 58	2 2	0 15	0 48	21 25	0 33	22 52	0 23	15 26	1 25	20 49	0 5	2 50	1 15	1 30	16 7	17 27	17 40	9 1	8 10	6 2
S 18	11 58	24 29	2 9	14 19	2 0	0n16	0 45	21 31	0 32	22 53	0 23	15 28	1 25	20 50	0 5	2 49	1 15	1 29	16 7	17 27	17 41	8 58	8 8	6 1
S 19	11 37	21 26	1 6	13 38	1 58	0 48	0 43	21 37	0 31	22 53	0 23	15 30	1 25	20 50	0 5	2 49	1 15	1 29	16 6	17 26	17 42	8 55	8 7	6 1
M20	11 16	17 30	0 1	12 56	1 55	1 19	0 40	21 42	0 31	22 54	0 23	15 31	1 25	20 50	0 5	2 48	1 15	1 28	16 6	17 26	17 43	8 52	8 6	6 1
T 21	10 54	12 55	1n 4	12 13	1 51	1 51	0 37	21 48	0 30	22 54	0 23	15 33	1 25	20 50	0 5	2 47	1 15	1 28	16 6	17 26	17 43	8 49	8 4	6 2
W22	10 33	7 53	2 6	11 29	1 47	2 22	0 34	21 53	0 29	22 55	0 23	15 34	1 25	20 50	0 5	2 46	1 15	1 27	16 5	17 27	17 44	8 46	8 3	6 2
T 23	10 11	2 34	3 2	10 43	1 42	2 54	0 31	21 58	0 28	22 55	0 23	15 36	1 25	20 50	0 5	2 45	1 15	1 27	16 5	17 28	17 45	8 43	8 1	6 2
F 24	9 49	2n51	3 51	9 56	1 37	3 25	0 28	22 3	0 27	22 56	0 23	15 38	1 25	20 50	0 5	2 44	1 15	1 26	16 5	17 29	17 46	8 39	8 0	6 2
S 25	9 27	8 11	4 30	9 8	1 31	3 56	0 25	22 8	0 26	22 56	0 23	15 39	1 25	20 50	0 5	2 44	1 15	1 26	16 4	17 30	17 47	8 36	7 59	6 2
S 26	9 4	13 17	4 58	8 18	1 25	4 27	0 22	22 13	0 26	22 57	0 23	15 41	1 25	20 51	0 5	2 43	1 15	1 25	16 4	17 31	17 48	8 33	7 57	6 2
M27	8 42	17 56	5 12	7 28	1 18	4 59	0 18	22 18	0 25	22 57	0 23	15 42	1 25	20 51	0 5	2 42	1 15	1 25	16 4	17 32	17 49	8 30	7 56	6 2
T 28	8 20	21 54	5 12	6 36	1 10	5 30	0 15	22 22	0 24	22 57	0 24	15 44	1 25	20 51	0 5	2 41	1 15	1 24	16 4	17 33	17 49	8 27	7 54	6 2
W29	7s57	24n56	4n57	5s44	1s 2	6n 1	0s12	22s27	0n23	22n58	0n24	15n45	1n25	20n51	0s 5	2s40	1s15	1s24	16s 3	17s33	17s50	8s24	7s53	6n 2

Julian Day Number = 2400441.5, Delta T = 8.99 sec
Ecliptic obliquity = 23°27'33, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°47'11, Lahiri = 21°54'12

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ASTRODIENST EPHEMERIS for the year 1860
geocentric

MARCH 1860 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 36 4	10♓40'25	12♊45	19♓49	16♈55	17♐33	15°R22	21°R14	3♊52	26♓13	6♉51	10°D44	9♒38	3♓22	23♒56	T 1
F 2	10 40 1	11°40'33	26°10	21°44	18° 7	18° 8	15♋20	21♌10	3°53	26°16	6°52	10♒45	9°35	3°29	24° 0	F 2
S 3	10 43 58	12°40'40	10♋ 0	23°37	19°19	18°42	15°19	21° 6	3°54	26°18	6°53	10°46	9°32	3°36	24° 4	S 3
S 4	10 47 54	13°40'44	24°16	25°30	20°31	19°17	15°17	21° 1	3°55	26°20	6°54	10°48	9°29	3°42	24° 8	S 4
M 5	10 51 51	14°40'45	8♌56	27°21	21°43	19°51	15°16	20°57	3°56	26°22	6°55	10°R48	9°26	3°49	24°12	M 5
T 6	10 55 47	15°40'45	23°55	29°10	22°54	20°26	15°15	20°53	3°58	26°25	6°56	10°48	9°22	3°56	24°16	T 6
W 7	10 59 44	16°40'43	9♍ 7	0♈57	24° 6	21° 0	15°14	20°49	3°59	26°27	6°57	10°45	9°19	4° 2	24°20	W 7
T 8	11 3 40	17°40'38	24°21	2°42	25°17	21°34	15°13	20°45	4° 0	26°29	6°58	10°41	9°16	4° 9	24°24	T 8
F 9	11 7 37	18°40'32	9♎29	4°23	26°29	22° 8	15°13	20°41	4° 2	26°31	6°59	10°36	9°13	4°16	24°29	F 9
S 10	11 11 33	19°40'24	24°19	6° 1	27°40	22°42	15°12	20°37	4° 3	26°34	7° 0	10°30	9°10	4°22	24°33	S 10
S 11	11 15 30	20°40'14	8♏45	7°34	28°51	23°16	15°D12	20°33	4° 5	26°36	7° 1	10°24	9° 7	4°29	24°37	S 11
M12	11 19 27	21°40'03	22°43	9° 3	0♉ 2	23°50	15°12	20°29	4° 6	26°38	7° 2	10°19	9° 3	4°36	24°41	M12
T 13	11 23 23	22°39'50	6♐11	10°26	1°13	24°24	15°13	20°25	4° 8	26°40	7° 3	10°16	9° 0	4°42	24°44	T 13
W14	11 27 20	23°39'35	19°12	11°44	2°24	24°57	15°13	20°22	4° 9	26°43	7° 4	10°D15	8°57	4°49	24°48	W14
T 15	11 31 16	24°39'19	1♑48	12°56	3°35	25°31	15°14	20°18	4°11	26°45	7° 5	10°15	8°54	4°56	24°52	T 15
F 16	11 35 13	25°39'00	14° 5	14° 1	4°45	26° 4	15°15	20°15	4°13	26°47	7° 6	10°16	8°51	5° 2	24°56	F 16
S 17	11 39 9	26°38'40	26° 7	14°59	5°56	26°37	15°16	20°11	4°14	26°49	7° 7	10°18	8°48	5° 9	25° 0	S 17
S 18	11 43 6	27°38'19	8♒ 0	15°50	7° 6	27°11	15°17	20° 8	4°16	26°52	7° 8	10°R18	8°44	5°16	25° 4	S 18
M19	11 47 2	28°37'55	19°47	16°34	8°16	27°44	15°18	20° 4	4°18	26°54	7° 9	10°18	8°41	5°22	25° 8	M19
T 20	11 50 59	29°37'29	1♓34	17°10	9°26	28°17	15°20	20° 1	4°20	26°56	7°10	10°15	8°38	5°29	25°11	T 20
W21	11 54 56	0♈37'02	13°22	17°38	10°36	28°50	15°22	19°58	4°22	26°59	7°11	10°10	8°35	5°36	25°15	W21
T 22	11 58 52	1°36'32	25°15	17°58	11°46	29°23	15°24	19°55	4°24	27° 1	7°12	10° 3	8°32	5°42	25°19	T 22
F 23	12 2 49	2°36'01	7♈14	18°11	12°56	29°55	15°26	19°52	4°26	27° 3	7°13	9°54	8°28	5°49	25°22	F 23
S 24	12 6 45	3°35'27	19°21	18°R15	14° 6	0♑28	15°28	19°49	4°28	27° 5	7°15	9°44	8°25	5°56	25°26	S 24
S 25	12 10 42	4°34'52	1♉36	18°12	15°15	1° 0	15°31	19°47	4°30	27° 8	7°16	9°33	8°22	6° 2	25°30	S 25
M26	12 14 38	5°34'14	14° 2	18° 2	16°25	1°32	15°34	19°44	4°32	27°10	7°17	9°24	8°19	6° 9	25°33	M26
T 27	12 18 35	6°33'34	26°39	17°44	17°34	2° 5	15°37	19°41	4°34	27°12	7°18	9°15	8°16	6°15	25°37	T 27
W28	12 22 31	7°32'52	9♊29	17°21	18°43	2°37	15°40	19°39	4°37	27°14	7°19	9°10	8°13	6°22	25°40	W28
T 29	12 26 28	8°32'07	22°33	16°51	19°52	3° 9	15°43	19°37	4°39	27°17	7°21	9° 6	8° 9	6°29	25°44	T 29
F 30	12 30 25	9°31'21	5♋55	16°16	21° 1	3°40	15°47	19°34	4°41	27°19	7°22	9°D 5	8° 6	6°35	25°47	F 30
S 31	12 34 21	10♈30'31	19♋36	15♈37	22♉ 9	4♑12	15♋50	19♌32	4♊44	27♓21	7♉23	9♒ 5	8♒ 3	6♓42	25♒50	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s34	26n45	4n26	4s51	0s53	6n31	0s 9	22s31	0n22	22n58	0n24	15n47	1n25	20n51	0s 5	2s39	1s15	1s23	16s 3	17s33	17s51	8s21	7s52	6n 2
F 2	7 11	27 5	3 40	3 57	0 43	7 2	0 5	22 35	0 21	22 58	0 24	15 48	1 25	20 51	0 5	2 38	1 15	1 22	16 3	17 33	17 52	8 17	7 50	6 2
S 3	6 48	25 45	2 41	3 3	0 33	7 32	0 2	22 39	0 20	22 58	0 24	15 50	1 25	20 52	0 5	2 37	1 15	1 22	16 2	17 33	17 53	8 14	7 49	6 2
S 4	6 25	22 45	1 29	2 8	0 23	8 3	0n 2	22 43	0 19	22 59	0 24	15 51	1 25	20 52	0 5	2 36	1 15	1 21	16 2	17 32	17 54	8 11	7 47	6 2
M 5	6 2	18 12	0 10	1 14	0 12	8 33	0 5	22 46	0 18	22 59	0 24	15 52	1 25	20 52	0 5	2 36	1 15	1 21	16 2	17 32	17 55	8 8	7 46	6 2
T 6	5 39	12 27	1s11	0 20	0n 0	9 3	0 9	22 50	0 17	22 59	0 24	15 54	1 25	20 52	0 5	2 35	1 15	1 20	16 2	17 32	17 55	8 5	7 44	6 2
W 7	5 16	5 52	2 28	0n34	0 12	9 33	0 12	22 53	0 16	22 59	0 24	15 55	1 25	20 53	0 5	2 34	1 15	1 20	16 1	17 33	17 56	8 2	7 43	6 2
T 8	4 52	1s 3	3 35	1 27	0 25	10 2	0 16	22 57	0 15	22 59	0 24	15 56	1 25	20 53	0 5	2 33	1 15	1 19	16 1	17 34	17 57	7 58	7 42	6 2
F 9	4 29	7 50	4 26	2 19	0 37	10 31	0 19	23 0	0 14	22 59	0 24	15 58	1 25	20 53	0 5	2 32	1 15	1 19	16 1	17 36	17 58	7 55	7 40	6 3
S 10	4 6	14 3	4 58	3 10	0 50	11 0	0 23	23 3	0 13	22 59	0 24	15 59	1 25	20 53	0 5	2 31	1 15	1 18	16 0	17 37	17 59	7 52	7 39	6 3
S 11	3 42	19 19	5 10	3 59	1 4	11 29	0 27	23 6	0 12	22 59	0 24	16 0	1 25	20 54	0 5	2 30	1 15	1 18	16 0	17 39	18 0	7 49	7 37	6 3
M12	3 18	23 21	5 3	4 46	1 17	11 58	0 30	23 9	0 10	23 0	0 24	16 1	1 25	20 54	0 5	2 29	1 15	1 17	16 0	17 40	18 0	7 46	7 36	6 3
T 13	2 55	25 57	4 40	5 31	1 30	12 26	0 34	23 11	0 9	23 0	0 24	16 3	1 26	20 54	0 5	2 28	1 15	1 17	16 0	17 41	18 1	7 43	7 35	6 3
W14	2 31	27 2	4 2	6 13	1 43	12 54	0 38	23 14	0 8	23 0	0 24	16 4	1 25	20 55	0 5	2 28	1 15	1 16	15 59	17 41	18 2	7 40	7 33	6 3
T 15	2 8	26 40	3 14	6 53	1 56	13 22	0 41	23 16	0 7	22 59	0 24	16 5	1 25	20 55	0 5	2 27	1 15	1 15	15 59	17 41	18 3	7 36	7 32	6 3
F 16	1 44	24 59	2 17	7 30	2 8	13 49	0 45	23 18	0 6	22 59	0 24	16 6	1 25	20 55	0 5	2 26	1 15	1 15	15 59	17 41	18 4	7 33	7 30	6 3
S 17	1 20	22 11	1 16	8 3	2 20	14 16	0 49	23 21	0 4	22 59	0 24	16 7	1 25	20 56	0 5	2 25	1 15	1 14	15 59	17 41	18 5	7 30	7 29	6 4
S 18	0 56	18 29	0 13	8 34	2 31	14 43	0 52	23 23	0 3	22 59	0 24	16 8	1 25	20 56	0 5	2 24	1 15	1 14	15 59	17 40	18 5	7 27	7 28	6 4
M19	0 33	14 5	0n51	9 0	2 42	15 10	0 56	23 24	0 2	22 59	0 24	16 9	1 25	20 56	0 5	2 23	1 15	1 13	15 58	17 41	18 6	7 24	7 26	6 4
T 20	0 9	9 11	1 52	9 23	2 51	15 36	1 0	23 26	0 1	22 59	0 25	16 10	1 25	20 57	0 5	2 22	1 15	1 13	15 58	17 41	18 7	7 21	7 25	6 4
W21	0n15	3 57	2 49	9 42	3 0	16 1	1 4	23 28	0s 1	22 59	0 25	16 11	1 25	20 57	0 5	2 21	1 15	1 12	15 58	17 43	18 8	7 17	7 23	6 4
T 22	0 38	1n26	3 38	9 56	3 7	16 27	1 7	23 29	0 2	22 59	0 25	16 12	1 25	20 57	0 5	2 20	1 15	1 12	15 58	17 44	18 9	7 14	7 22	6 4
F 23	1 2	6 49	4 18	10 7	3 13	16 52	1 11	23 31	0 3	22 58	0 25	16 13	1 25	20 58	0 5	2 19	1 15	1 11	15 57	17 47	18 10	7 11	7 21	6 5
S 24	1 26	11 59	4 46	10 13	3 18	17 16	1 15	23 32	0 5	22 58	0 25	16 14	1 25	20 58	0 5	2 19	1 15	1 10	15 57	17 50	18 10	7 8	7 19	6 5
S 25	1 49	16 46	5 2	10 15	3 22	17 41	1 19	23 33	0 6	22 58	0 25	16 15	1 25	20 59	0 5	2 18	1 15	1 10	15 57	17 52	18 11	7 5	7 18	6 5
M26	2 13	20 54	5 4	10 13	3 24	18 4	1 22	23 35	0 8	22 58	0 25	16 16	1 25	20 59	0 5	2 17	1 15	1 9	15 57	17 55	18 12	7 2	7 17	6 5
T 27	2 36	24 9	4 51	10 7	3 24	18 28	1 26	23 36	0 9	22 57	0 25	16 16	1 25	20 59	0 5	2 16	1 15	1 9	15 57	17 57	18 13	6 58	7 15	6 5
W28	3 0	26 14	4 24	9 56	3 23	18 51	1 30	23 36	0 10	22 57	0 25	16 17	1 25	21 0	0 5	2 15	1 15	1 8	15 56	17 59	18 14	6 55	7 14	6 6
T 29	3 23	26 57	3 42	9 42	3 20	19 13	1 33	23 37	0 12	22 57	0 25	16 18	1 25	21 0	0 5	2 14	1 15	1 8	15 56	18 0	18 15	6 52	7 13	6 6
F 30	3 47	26 7	2 48	9 24	3 15	19 35	1 37	23 38	0 13	22 56	0 25	16 19	1 25	21 1	0 5	2 13	1 15	1 7	15 56	18 0	18 15	6 49	7 11	6 6
S 31	4n10	23n43	1n42	9n 3	3n 8	19n57	1n41	23s39	0s15	22n56	0n25	16n19	1n25	21n 1	0s 5	2s12	1s15	1s 7	15s56	18s 0	18s16	6s46	7s10	6n 6

Julian Day Number = 2400470.5, Delta T = 8.98 sec
Ecliptic obliquity = 23°27'33, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°47'15, Lahiri = 21°54'16

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ASTRODIENST EPHEMERIS for the year 1860
geocentric

APRIL 1860 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 38 18	11♈29'40	3♌37	14°R54	23♉18	4♎43	15♋54	19°R30	4♊46	27♓23	7♉24	9°R 6	8♒ 0	6♓49	25♒54	S 1
M 2	12 42 14	12°28'46	17°59	14♈ 8	24°26	5°15	15°58	19♌28	4°48	27°26	7°26	9♒ 5	7°57	6°55	25°57	M 2
T 3	12 46 11	13°27'50	2♍39	13°21	25°34	5°46	16° 2	19°26	4°51	27°28	7°27	9° 3	7°54	7° 2	26° 0	T 3
W 4	12 50 7	14°26'51	17°33	12°33	26°42	6°17	16° 7	19°24	4°53	27°30	7°28	8°59	7°50	7° 9	26° 3	W 4
T 5	12 54 4	15°25'50	2♎35	11°45	27°50	6°48	16°11	19°23	4°56	27°32	7°29	8°52	7°47	7°15	26° 7	T 5
F 6	12 58 0	16°24'47	17°34	10°58	28°58	7°19	16°16	19°21	4°58	27°34	7°31	8°42	7°44	7°22	26°10	F 6
S 7	13 1 57	17°23'43	2♏22	10°13	0♊ 5	7°49	16°21	19°20	5° 1	27°37	7°32	8°32	7°41	7°29	26°13	S 7
S 8	13 5 53	18°22'36	16°50	9°31	1°12	8°20	16°26	19°18	5° 4	27°39	7°33	8°22	7°38	7°35	26°16	S 8
M 9	13 9 50	19°21'27	0♐53	8°52	2°19	8°50	16°31	19°17	5° 6	27°41	7°34	8°13	7°34	7°42	26°19	M 9
T 10	13 13 47	20°20'17	14°27	8°17	3°26	9°20	16°36	19°16	5° 9	27°43	7°36	8° 5	7°31	7°49	26°22	T 10
W11	13 17 43	21°19'05	27°33	7°47	4°33	9°50	16°42	19°15	5°12	27°45	7°37	8° 1	7°28	7°55	26°25	W11
T 12	13 21 40	22°17'51	10♑13	7°21	5°40	10°19	16°47	19°14	5°15	27°47	7°38	7°59	7°25	8° 2	26°28	T 12
F 13	13 25 36	23°16'36	22°33	7° 0	6°46	10°49	16°53	19°13	5°17	27°49	7°40	7°D58	7°22	8° 9	26°30	F 13
S 14	13 29 33	24°15'18	4♒36	6°44	7°52	11°18	16°59	19°12	5°20	27°51	7°41	7°R58	7°19	8°15	26°33	S 14
S 15	13 33 29	25°13'59	16°29	6°33	8°58	11°47	17° 5	19°12	5°23	27°53	7°42	7°58	7°15	8°22	26°36	S 15
M16	13 37 26	26°12'38	28°16	6°28	10° 3	12°16	17°11	19°11	5°26	27°56	7°44	7°56	7°12	8°29	26°38	M16
T 17	13 41 22	27°11'16	10♓ 4	6°D27	11° 9	12°45	17°18	19°11	5°29	27°58	7°45	7°52	7° 9	8°35	26°41	T 17
W18	13 45 19	28° 9'52	21°55	6°32	12°14	13°13	17°24	19°10	5°32	28° 0	7°46	7°46	7° 6	8°42	26°44	W18
T 19	13 49 16	29° 8'26	3♈53	6°42	13°19	13°42	17°31	19°10	5°35	28° 2	7°48	7°36	7° 3	8°49	26°46	T 19
F 20	13 53 12	0♉ 6'58	16° 2	6°57	14°24	14°10	17°38	19°D10	5°38	28° 4	7°49	7°25	6°59	8°55	26°49	F 20
S 21	13 57 9	1° 5'28	28°21	7°16	15°28	14°38	17°45	19°10	5°41	28° 6	7°51	7°11	6°56	9° 2	26°51	S 21
S 22	14 1 5	2° 3'57	10♉52	7°40	16°32	15° 5	17°52	19°10	5°44	28° 8	7°52	6°58	6°53	9° 9	26°53	S 22
M23	14 5 2	3° 2'23	23°35	8° 8	17°36	15°32	17°59	19°11	5°47	28°10	7°53	6°45	6°50	9°15	26°56	M23
T 24	14 8 58	4° 0'48	6♊29	8°40	18°40	15°59	18° 6	19°11	5°50	28°12	7°55	6°34	6°47	9°22	26°58	T 24
W25	14 12 55	4°59'11	19°35	9°17	19°44	16°26	18°14	19°11	5°53	28°13	7°56	6°26	6°44	9°29	27° 0	W25
T 26	14 16 51	5°57'31	2♋52	9°57	20°47	16°53	18°22	19°12	5°56	28°15	7°57	6°20	6°40	9°35	27° 2	T 26
F 27	14 20 48	6°55'50	16°21	10°41	21°50	17°19	18°29	19°13	6° 0	28°17	7°59	6°18	6°37	9°42	27° 4	F 27
S 28	14 24 45	7°54'07	0♌ 3	11°28	22°52	17°45	18°37	19°13	6° 3	28°19	8° 0	6°17	6°34	9°49	27° 6	S 28
S 29	14 28 41	8°52'21	13°58	12°19	23°54	18°11	18°45	19°14	6° 6	28°21	8° 1	6°17	6°31	9°55	27° 8	S 29
M30	14 32 38	9♉50'34	28♌ 7	13♈13	24♊56	18♎36	18♋54	19♌15	6♊ 9	28♓23	8♉ 3	6♒16	6♒28	10♓ 2	27♒10	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n33	19n50	0n29	8n39	3n 0	20n18	1n44	23s39	0s17	22n55	0n25	16n20	1n25	21n 2	0s 5	2s12	1s15	1s 6	15s56	18s 0	18s17	6s43	7s 9	6n 6
M 2	4 56	14 42	0s47	8 12	2 51	20 38	1 48	23 39	0 18	22 55	0 25	16 20	1 25	21 2	0 5	2 11	1 15	1 6	15 56	18 0	18 18	6 39	7 7	6 7
T 3	5 19	8 38	2 2	7 43	2 39	20 58	1 51	23 40	0 20	22 55	0 25	16 21	1 25	21 3	0 5	2 10	1 15	1 5	15 55	18 0	18 19	6 36	7 6	6 7
W 4	5 42	2 1	3 10	7 13	2 27	21 18	1 55	23 40	0 21	22 54	0 25	16 21	1 25	21 3	0 5	2 9	1 15	1 5	15 55	18 2	18 19	6 33	7 5	6 7
T 5	6 5	4s46	4 5	6 42	2 14	21 37	1 58	23 40	0 23	22 54	0 25	16 22	1 25	21 3	0 5	2 8	1 15	1 4	15 55	18 3	18 20	6 30	7 3	6 7
F 6	6 28	11 15	4 43	6 10	1 59	21 55	2 2	23 40	0 25	22 53	0 25	16 22	1 25	21 4	0 5	2 7	1 15	1 4	15 55	18 6	18 21	6 27	7 2	6 8
S 7	6 50	17 0	5 1	5 38	1 44	22 13	2 5	23 40	0 27	22 52	0 25	16 23	1 25	21 4	0 5	2 6	1 15	1 3	15 55	18 9	18 22	6 23	7 1	6 8
S 8	7 13	21 39	4 59	5 7	1 28	22 31	2 8	23 40	0 28	22 52	0 25	16 23	1 25	21 5	0 5	2 6	1 16	1 3	15 55	18 11	18 23	6 20	7 0	6 8
M 9	7 35	24 54	4 40	4 37	1 12	22 48	2 12	23 40	0 30	22 51	0 25	16 23	1 25	21 5	0 5	2 5	1 16	1 2	15 55	18 14	18 24	6 17	6 58	6 8
T 10	7 57	26 36	4 4	4 8	0 55	23 4	2 15	23 40	0 32	22 51	0 25	16 24	1 25	21 6	0 5	2 4	1 16	1 1	15 55	18 16	18 24	6 14	6 57	6 9
W11	8 19	26 43	3 17	3 41	0 39	23 20	2 18	23 39	0 34	22 50	0 25	16 24	1 25	21 6	0 5	2 3	1 16	1 1	15 54	18 17	18 25	6 11	6 56	6 9
T 12	8 41	25 25	2 22	3 16	0 22	23 35	2 21	23 39	0 36	22 49	0 25	16 24	1 25	21 7	0 5	2 2	1 16	1 0	15 54	18 17	18 26	6 8	6 55	6 9
F 13	9 3	22 54	1 21	2 52	0 6	23 50	2 24	23 38	0 38	22 49	0 25	16 25	1 24	21 7	0 5	2 1	1 16	1 0	15 54	18 17	18 27	6 4	6 54	6 9
S 14	9 25	19 25	0 18	2 32	0s10	24 4	2 27	23 38	0 39	22 48	0 25	16 25	1 24	21 8	0 5	2 1	1 16	0 59	15 54	18 17	18 28	6 1	6 52	6 10
S 15	9 46	15 12	0n45	2 13	0 25	24 17	2 30	23 37	0 41	22 47	0 25	16 25	1 24	21 8	0 5	2 0	1 16	0 59	15 54	18 17	18 28	5 58	6 51	6 10
M16	10 8	10 26	1 46	1 58	0 40	24 30	2 33	23 37	0 43	22 46	0 25	16 25	1 24	21 9	0 5	1 59	1 16	0 58	15 54	18 18	18 29	5 55	6 50	6 10
T 17	10 29	5 19	2 41	1 45	0 54	24 42	2 36	23 36	0 45	22 46	0 25	16 25	1 24	21 10	0 5	1 58	1 16	0 58	15 54	18 19	18 30	5 52	6 49	6 11
W18	10 50	0n 1	3 30	1 34	1 7	24 54	2 39	23 35	0 48	22 45	0 25	16 25	1 24	21 10	0 5	1 57	1 16	0 58	15 54	18 21	18 31	5 48	6 48	6 11
T 19	11 11	5 23	4 10	1 26	1 20	25 5	2 41	23 35	0 50	22 44	0 26	16 25	1 24	21 11	0 5	1 57	1 16	0 57	15 54	18 23	18 32	5 45	6 47	6 11
F 20	11 31	10 37	4 40	1 21	1 32	25 16	2 44	23 34	0 52	22 43	0 26	16 25	1 24	21 11	0 5	1 56	1 16	0 57	15 54	18 26	18 32	5 42	6 46	6 11
S 21	11 52	15 30	4 56	1 18	1 43	25 25	2 46	23 33	0 54	22 42	0 26	16 25	1 24	21 12	0 5	1 55	1 16	0 56	15 54	18 29	18 33	5 39	6 45	6 12
S 22	12 12	19 50	4 59	1 18	1 54	25 35	2 49	23 32	0 56	22 41	0 26	16 25	1 24	21 12	0 5	1 54	1 16	0 56	15 54	18 33	18 34	5 36	6 43	6 12
M23	12 32	23 19	4 47	1 20	2 4	25 43	2 51	23 31	0 58	22 40	0 26	16 25	1 24	21 13	0 5	1 54	1 16	0 55	15 53	18 36	18 35	5 33	6 42	6 12
T 24	12 52	25 41	4 21	1 24	2 13	25 51	2 53	23 30	1 1	22 39	0 26	16 25	1 24	21 13	0 5	1 53	1 16	0 55	15 53	18 39	18 36	5 29	6 41	6 13
W25	13 12	26 42	3 40	1 31	2 21	25 59	2 56	23 29	1 3	22 38	0 26	16 24	1 24	21 14	0 5	1 52	1 16	0 54	15 53	18 41	18 36	5 26	6 40	6 13
T 26	13 31	26 12	2 47	1 40	2 28	26 5	2 58	23 28	1 5	22 37	0 26	16 24	1 24	21 14	0 5	1 51	1 16	0 54	15 53	18 42	18 37	5 23	6 39	6 13
F 27	13 50	24 10	1 43	1 51	2 35	26 12	3 0	23 27	1 8	22 36	0 26	16 24	1 24	21 15	0 5	1 51	1 16	0 53	15 53	18 43	18 38	5 20	6 38	6 14
S 28	14 9	20 42	0 33	2 4	2 41	26 17	3 1	23 26	1 10	22 35	0 26	16 24	1 23	21 16	0 5	1 50	1 16	0 53	15 53	18 43	18 39	5 17	6 37	6 14
S 29	14 28	16 0	0s41	2 19	2 46	26 22	3 3	23 25	1 13	22 34	0 26	16 23	1 23	21 16	0 5	1 49	1 16	0 53	15 53	18 43	18 40	5 13	6 36	6 14
M30	14n47	10n22	1s53	2n36	2s51	26n26	3n 5	23s24	1s15	22n33	0n26	16n23	1n23	21n17	0s 5	1s49	1s16	0s52	15s53	18s43	18s40	5s10	6s35	6n15

Julian Day Number = 2400501.5, Delta T = 8.97 sec
Ecliptic obliquity = 23°27'33, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°47'20, Lahiri = 21°54'20

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ASTRODIENST EPHEMERIS for the year 1860
geocentric

MAY 1860 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 36 34	10♉48'44	12♍29	14♈10	25♊58	19♑ 1	19♋ 2	19♌16	6♊12	28♓25	8♉ 4	6°R14	6♒25	10♓ 9	27♒12	T 1
W 2	14 40 31	11°46'52	27° 1	15°10	26°59	19°26	19°10	19°17	6°16	28°26	8° 6	6♒ 9	6°21	10°15	27°14	W 2
T 3	14 44 27	12°44'58	11♎39	16°13	28° 0	19°50	19°19	19°19	6°19	28°28	8° 7	6° 1	6°18	10°22	27°16	T 3
F 4	14 48 24	13°43'03	26°16	17°19	29° 0	20°15	19°27	19°20	6°22	28°30	8° 8	5°51	6°15	10°29	27°18	F 4
S 5	14 52 20	14°41'05	10♏46	18°27	0♋ 0	20°38	19°36	19°22	6°26	28°32	8°10	5°40	6°12	10°35	27°19	S 5
S 6	14 56 17	15°39'07	25° 0	19°39	1° 0	21° 2	19°45	19°23	6°29	28°33	8°11	5°29	6° 9	10°42	27°21	S 6
M 7	15 0 14	16°37'06	8♐54	20°52	1°59	21°25	19°54	19°25	6°32	28°35	8°12	5°18	6° 5	10°49	27°22	M 7
T 8	15 4 10	17°35'04	22°25	22° 8	2°58	21°48	20° 3	19°27	6°36	28°37	8°14	5°10	6° 2	10°55	27°24	T 8
W 9	15 8 7	18°33'01	5♑30	23°27	3°57	22°11	20°12	19°29	6°39	28°38	8°15	5° 5	5°59	11° 2	27°25	W 9
T 10	15 12 3	19°30'56	18°11	24°48	4°55	22°33	20°22	19°31	6°42	28°40	8°16	5° 1	5°56	11° 9	27°27	T 10
F 11	15 16 0	20°28'50	0♒33	26°11	5°53	22°55	20°31	19°33	6°46	28°41	8°18	5°D 0	5°53	11°15	27°28	F 11
S 12	15 19 56	21°26'43	12°38	27°37	6°50	23°16	20°41	19°35	6°49	28°43	8°19	5° 0	5°50	11°22	27°29	S 12
S 13	15 23 53	22°24'35	24°33	29° 4	7°46	23°37	20°50	19°37	6°53	28°44	8°20	5°R 1	5°46	11°29	27°30	S 13
M14	15 27 49	23°22'25	6♓23	0♉34	8°43	23°57	21° 0	19°40	6°56	28°46	8°22	5° 0	5°43	11°35	27°31	M14
T 15	15 31 46	24°20'14	18°13	2° 7	9°38	24°18	21°10	19°42	7° 0	28°47	8°23	4°57	5°40	11°42	27°32	T 15
W16	15 35 43	25°18'02	0♈ 7	3°41	10°33	24°37	21°20	19°45	7° 3	28°49	8°24	4°52	5°37	11°49	27°33	W16
T 17	15 39 39	26°15'48	12°11	5°18	11°28	24°57	21°30	19°48	7° 7	28°50	8°26	4°45	5°34	11°56	27°34	T 17
F 18	15 43 36	27°13'34	24°27	6°56	12°22	25°15	21°40	19°50	7°10	28°52	8°27	4°35	5°31	12° 2	27°35	F 18
S 19	15 47 32	28°11'18	6♉58	8°37	13°15	25°34	21°50	19°53	7°14	28°53	8°28	4°24	5°27	12° 9	27°36	S 19
S 20	15 51 29	29° 9'01	19°44	10°21	14° 8	25°52	22° 0	19°56	7°17	28°54	8°30	4°13	5°24	12°16	27°37	S 20
M21	15 55 25	0♊ 6'43	2♊46	12° 6	15° 1	26° 9	22°11	19°59	7°21	28°56	8°31	4° 2	5°21	12°22	27°38	M21
T 22	15 59 22	1° 4'23	16° 1	13°53	15°52	26°26	22°21	20° 3	7°24	28°57	8°32	3°53	5°18	12°29	27°38	T 22
W23	16 3 18	2° 2'03	29°29	15°43	16°43	26°42	22°32	20° 6	7°28	28°58	8°33	3°46	5°15	12°36	27°39	W23
T 24	16 7 15	2°59'41	13♋ 8	17°35	17°33	26°58	22°42	20° 9	7°31	29° 0	8°35	3°42	5°11	12°42	27°39	T 24
F 25	16 11 12	3°57'17	26°56	19°29	18°23	27°13	22°53	20°13	7°35	29° 1	8°36	3°40	5° 8	12°49	27°40	F 25
S 26	16 15 8	4°54'52	10♌51	21°25	19°12	27°28	23° 4	20°16	7°38	29° 2	8°37	3°D40	5° 5	12°56	27°40	S 26
S 27	16 19 5	5°52'26	24°52	23°23	20° 0	27°42	23°15	20°20	7°42	29° 3	8°38	3°41	5° 2	13° 2	27°40	S 27
M28	16 23 1	6°49'58	8♍59	25°23	20°47	27°56	23°26	20°24	7°45	29° 4	8°40	3°R41	4°59	13° 9	27°41	M28
T 29	16 26 58	7°47'29	23°11	27°25	21°33	28° 9	23°37	20°28	7°49	29° 5	8°41	3°40	4°56	13°16	27°41	T 29
W30	16 30 54	8°44'58	7♎26	29°29	22°19	28°22	23°48	20°31	7°52	29° 6	8°42	3°37	4°52	13°22	27°41	W30
T 31	16 34 51	9♊42'26	21♎40	1♊35	23♋ 3	28♑34	23♋59	20♌35	7♊56	29♓ 7	8♉43	3♒32	4♒49	13♓29	27♒41	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 5	4n 8	2s59	2n54	2s55	26n30	3n 6	23s23	1s18	22n32	0n26	16n22	1n23	21n17	0s 5	1s48	1s16	0s52	15s53	18s44	18s41	5s 7	6s34	6n15
W 2	15 23	2s24	3 54	3 15	2 58	26 33	3 8	23 23	1 20	22 31	0 26	16 22	1 23	21 18	0 4	1 47	1 16	0 51	15 53	18 45	18 42	5 4	6 34	6 15
T 3	15 41	8 49	4 34	3 37	3 0	26 36	3 9	23 22	1 23	22 30	0 26	16 21	1 23	21 18	0 4	1 47	1 16	0 51	15 53	18 47	18 43	5 1	6 33	6 16
F 4	15 58	14 45	4 56	4 0	3 2	26 37	3 10	23 21	1 26	22 28	0 26	16 21	1 23	21 19	0 4	1 46	1 16	0 50	15 53	18 49	18 44	4 58	6 32	6 16
S 5	16 15	19 48	4 59	4 25	3 3	26 39	3 11	23 20	1 28	22 27	0 26	16 20	1 23	21 20	0 4	1 45	1 16	0 50	15 53	18 52	18 44	4 54	6 31	6 16
S 6	16 32	23 37	4 44	4 52	3 3	26 39	3 12	23 19	1 31	22 26	0 26	16 20	1 23	21 20	0 4	1 45	1 16	0 50	15 53	18 55	18 45	4 51	6 30	6 17
M 7	16 49	25 56	4 11	5 19	3 3	26 40	3 13	23 18	1 34	22 25	0 26	16 19	1 23	21 21	0 4	1 44	1 16	0 49	15 53	18 57	18 46	4 48	6 29	6 17
T 8	17 5	26 39	3 25	5 48	3 2	26 39	3 14	23 17	1 37	22 23	0 26	16 19	1 23	21 21	0 4	1 43	1 16	0 49	15 53	18 59	18 47	4 45	6 28	6 17
W 9	17 22	25 50	2 30	6 19	3 1	26 38	3 14	23 16	1 40	22 22	0 26	16 18	1 23	21 22	0 4	1 43	1 16	0 49	15 53	19 1	18 47	4 42	6 28	6 18
T 10	17 37	23 41	1 28	6 50	2 59	26 36	3 14	23 16	1 43	22 21	0 26	16 17	1 23	21 22	0 4	1 42	1 17	0 48	15 53	19 2	18 48	4 38	6 27	6 18
F 11	17 53	20 26	0 24	7 23	2 56	26 34	3 15	23 15	1 46	22 19	0 26	16 16	1 23	21 23	0 4	1 42	1 17	0 48	15 53	19 2	18 49	4 35	6 26	6 18
S 12	18 8	16 23	0n40	7 56	2 53	26 31	3 15	23 14	1 49	22 18	0 26	16 16	1 23	21 24	0 4	1 41	1 17	0 47	15 54	19 2	18 50	4 32	6 25	6 19
S 13	18 23	11 45	1 42	8 31	2 49	26 28	3 15	23 14	1 52	22 17	0 26	16 15	1 22	21 24	0 4	1 40	1 17	0 47	15 54	19 2	18 51	4 29	6 25	6 19
M14	18 38	6 43	2 39	9 7	2 45	26 24	3 14	23 13	1 55	22 15	0 26	16 14	1 22	21 25	0 4	1 40	1 17	0 47	15 54	19 2	18 51	4 26	6 24	6 19
T 15	18 52	1 28	3 28	9 43	2 40	26 20	3 14	23 13	1 58	22 14	0 26	16 13	1 22	21 25	0 4	1 39	1 17	0 46	15 54	19 3	18 52	4 22	6 23	6 20
W16	19 6	3n52	4 9	10 20	2 34	26 15	3 14	23 12	2 1	22 12	0 26	16 12	1 22	21 26	0 4	1 39	1 17	0 46	15 54	19 4	18 53	4 19	6 22	6 20
T 17	19 20	9 7	4 40	10 58	2 28	26 10	3 13	23 12	2 5	22 11	0 26	16 11	1 22	21 27	0 4	1 38	1 17	0 46	15 54	19 6	18 54	4 16	6 22	6 20
F 18	19 33	14 6	4 58	11 37	2 22	26 4	3 12	23 12	2 8	22 9	0 26	16 10	1 22	21 27	0 4	1 38	1 17	0 45	15 54	19 8	18 55	4 13	6 21	6 21
S 19	19 46	18 36	5 2	12 16	2 15	25 58	3 11	23 12	2 11	22 7	0 26	16 9	1 22	21 28	0 4	1 37	1 17	0 45	15 54	19 11	18 55	4 10	6 21	6 21
S 20	19 59	22 22	4 52	12 55	2 7	25 51	3 10	23 12	2 15	22 6	0 27	16 8	1 22	21 28	0 4	1 37	1 17	0 45	15 54	19 13	18 56	4 7	6 20	6 22
M21	20 11	25 4	4 26	13 35	1 59	25 44	3 8	23 12	2 18	22 4	0 27	16 7	1 22	21 29	0 4	1 36	1 17	0 45	15 54	19 16	18 57	4 3	6 19	6 22
T 22	20 23	26 28	3 45	14 15	1 51	25 36	3 6	23 12	2 22	22 2	0 27	16 6	1 22	21 30	0 4	1 36	1 17	0 44	15 54	19 18	18 58	4 0	6 19	6 22
W23	20 35	26 19	2 52	14 56	1 42	25 28	3 5	23 12	2 25	22 1	0 27	16 5	1 22	21 30	0 4	1 35	1 17	0 44	15 54	19 20	18 58	3 57	6 18	6 23
T 24	20 46	24 35	1 47	15 36	1 33	25 19	3 3	23 13	2 29	21 59	0 27	16 4	1 22	21 31	0 4	1 35	1 17	0 44	15 55	19 21	18 59	3 54	6 18	6 23
F 25	20 57	21 23	0 36	16 17	1 23	25 10	3 0	23 13	2 33	21 57	0 27	16 3	1 22	21 31	0 4	1 34	1 17	0 43	15 55	19 21	19 0	3 51	6 17	6 23
S 26	21 8	16 55	0s38	16 57	1 14	25 1	2 58	23 14	2 36	21 55	0 27	16 2	1 22	21 32	0 4	1 34	1 17	0 43	15 55	19 21	19 1	3 47	6 17	6 24
S 27	21 18	11 30	1 51	17 37	1 4	24 51	2 55	23 15	2 40	21 54	0 27	16 1	1 22	21 32	0 4	1 33	1 17	0 43	15 55	19 21	19 1	3 44	6 16	6 24
M28	21 28	5 28	2 57	18 16	0 53	24 41	2 52	23 16	2 44	21 52	0 27	15 59	1 21	21 33	0 4	1 33	1 17	0 43	15 55	19 21	19 2	3 41	6 16	6 24
T 29	21 38	0s52	3 53	18 55	0 43	24 31	2 49	23 17	2 48	21 50	0 27	15 58	1 21	21 34	0 4	1 33	1 17	0 42	15 55	19 21	19 3	3 38	6 16	6 25
W30	21 47	7 9	4 35	19 32	0 32	24 20	2 46	23 18	2 52	21 48	0 27	15 57	1 21	21 34	0 4	1 32	1 17	0 42	15 55	19 22	19 4	3 35	6 15	6 25
T 31	21n55	13s 5	5s 0	20n 9	0s21	24n 9	2n42	23s20	2s56	21n46	0n27	15n55	1n21	21n35	0s 4	1s32	1s17	0s42	15s55	19s23	19s 5	3s31	6s15	6n26

Julian Day Number = 2400531.5, Delta T = 8.97 sec
Ecliptic obliquity = 23°27'32, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°47'24, Lahiri = 21°54'24

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ASTRODIENST EPHEMERIS for the year 1860
geocentric

JUNE 1860 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 38 48	10♊39'53	5♏51	3♊42	23♋47	28♑45	24♋10	20♌40	7♊59	29♓ 9	8♉45	3°R25	4♒46	13♓36	27°R41	F 1
S 2	16 42 44	11°37'18	19°54	5°51	24°29	28°56	24°22	20°44	8° 3	29° 9	8°46	3♒17	4°43	13°42	27♒41	S 2
S 3	16 46 41	12°34'43	3♐44	8° 0	25°11	29° 6	24°33	20°48	8° 6	29°10	8°47	3° 8	4°40	13°49	27°41	S 3
M 4	16 50 37	13°32'07	17°18	10°11	25°52	29°16	24°45	20°52	8°10	29°11	8°48	3° 1	4°37	13°56	27°41	M 4
T 5	16 54 34	14°29'30	0♑34	12°22	26°31	29°24	24°56	20°57	8°13	29°12	8°49	2°55	4°33	14° 2	27°41	T 5
W 6	16 58 30	15°26'52	13°29	14°34	27° 9	29°33	25° 8	21° 1	8°17	29°13	8°50	2°51	4°30	14° 9	27°40	W 6
T 7	17 2 27	16°24'13	26° 6	16°46	27°46	29°40	25°19	21° 6	8°20	29°14	8°52	2°49	4°27	14°16	27°40	T 7
F 8	17 6 23	17°21'34	8♒25	18°58	28°22	29°47	25°31	21°10	8°24	29°15	8°53	2°D49	4°24	14°22	27°39	F 8
S 9	17 10 20	18°18'54	20°31	21°10	28°57	29°53	25°43	21°15	8°27	29°15	8°54	2°50	4°21	14°29	27°39	S 9
S 10	17 14 17	19°16'14	2♓27	23°21	29°30	29°59	25°55	21°20	8°31	29°16	8°55	2°52	4°17	14°36	27°38	S 10
M11	17 18 13	20°13'33	14°18	25°31	0♌ 2	0♒ 4	26° 7	21°25	8°34	29°17	8°56	2°53	4°14	14°42	27°38	M11
T 12	17 22 10	21°10'52	26° 9	27°40	0°33	0° 8	26°19	21°30	8°38	29°18	8°57	2°R53	4°11	14°49	27°37	T 12
W13	17 26 6	22° 8'10	8♈ 6	29°48	1° 2	0°11	26°31	21°35	8°41	29°18	8°58	2°52	4° 8	14°56	27°36	W13
T 14	17 30 3	23° 5'28	20°12	1♋54	1°29	0°13	26°43	21°40	8°45	29°19	8°59	2°49	4° 5	15° 2	27°36	T 14
F 15	17 33 59	24° 2'46	2♉33	3°59	1°55	0°15	26°55	21°45	8°48	29°19	9° 0	2°44	4° 2	15° 9	27°35	F 15
S 16	17 37 56	25° 0'03	15°11	6° 2	2°20	0°16	27° 7	21°50	8°52	29°20	9° 1	2°38	3°58	15°16	27°34	S 16
S 17	17 41 52	25°57'20	28° 8	8° 3	2°42	0°R17	27°19	21°55	8°55	29°20	9° 2	2°32	3°55	15°22	27°33	S 17
M18	17 45 49	26°54'37	11♊24	10° 2	3° 3	0°16	27°32	22° 1	8°58	29°21	9° 3	2°26	3°52	15°29	27°32	M18
T 19	17 49 46	27°51'53	24°59	11°59	3°22	0°15	27°44	22° 6	9° 2	29°21	9° 4	2°22	3°49	15°36	27°31	T 19
W20	17 53 42	28°49'09	8♋50	13°53	3°40	0°13	27°56	22°12	9° 5	29°22	9° 5	2°18	3°46	15°43	27°30	W20
T 21	17 57 39	29°46'25	22°54	15°46	3°55	0°10	28° 9	22°17	9° 9	29°22	9° 6	2°16	3°43	15°49	27°29	T 21
F 22	18 1 35	0♌43'40	7♌ 7	17°36	4° 8	0° 7	28°21	22°23	9°12	29°23	9° 7	2°D16	3°39	15°56	27°27	F 22
S 23	18 5 32	1°40'54	21°24	19°25	4°19	0° 2	28°34	22°29	9°15	29°23	9° 8	2°17	3°36	16° 3	27°26	S 23
S 24	18 9 28	2°38'08	5♍43	21°11	4°29	29♑57	28°46	22°34	9°19	29°23	9° 9	2°18	3°33	16° 9	27°25	S 24
M25	18 13 25	3°35'21	20° 0	22°54	4°36	29°52	28°59	22°40	9°22	29°23	9°10	2°20	3°30	16°16	27°23	M25
T 26	18 17 21	4°32'34	4♎13	24°36	4°40	29°45	29°12	22°46	9°25	29°24	9°10	2°R20	3°27	16°23	27°22	T 26
W27	18 21 18	5°29'46	18°19	26°15	4°43	29°38	29°24	22°52	9°28	29°24	9°11	2°20	3°23	16°29	27°20	W27
T 28	18 25 15	6°26'58	2♏17	27°52	4°R43	29°30	29°37	22°58	9°32	29°24	9°12	2°18	3°20	16°36	27°19	T 28
F 29	18 29 11	7°24'09	16° 6	29°27	4°41	29°22	29°50	23° 4	9°35	29°24	9°13	2°15	3°17	16°43	27°17	F 29
S 30	18 33 8	8♋21'20	29♏43	1♌ 0	4♌36	29♑12	0♌ 2	23♌10	9♊38	29♓24	9♉14	2♒12	3♒14	16♓49	27♒16	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 4	18s17	5s 6	20n44	0s10	23n58	2n38	23s21	3s 0	21n44	0n27	15n54	1n21	21n35	0s 4	1s32	1s17	0s42	15s56	19s24	19s 5	3s28	6s14	6n26
S 2	22 12	22 26	4 53	21 18	0n 0	23 46	2 34	23 23	3 4	21 42	0 27	15 53	1 21	21 36	0 4	1 31	1 18	0 42	15 56	19 26	19 6	3 25	6 14	6 26
S 3	22 19	25 14	4 24	21 50	0 11	23 34	2 30	23 25	3 8	21 40	0 27	15 51	1 21	21 36	0 4	1 31	1 18	0 41	15 56	19 28	19 7	3 22	6 14	6 27
M 4	22 27	26 30	3 40	22 21	0 21	23 22	2 25	23 27	3 12	21 38	0 27	15 50	1 21	21 37	0 4	1 31	1 18	0 41	15 56	19 30	19 8	3 19	6 14	6 27
T 5	22 33	26 12	2 45	22 49	0 32	23 10	2 21	23 29	3 16	21 36	0 27	15 48	1 21	21 38	0 4	1 30	1 18	0 41	15 56	19 31	19 8	3 16	6 13	6 27
W 6	22 40	24 28	1 42	23 15	0 41	22 58	2 15	23 31	3 20	21 34	0 27	15 47	1 21	21 38	0 4	1 30	1 18	0 41	15 56	19 32	19 9	3 12	6 13	6 28
T 7	22 46	21 32	0 36	23 39	0 51	22 45	2 10	23 34	3 24	21 32	0 27	15 45	1 21	21 39	0 4	1 30	1 18	0 41	15 57	19 33	19 10	3 9	6 13	6 28
F 8	22 51	17 41	0n30	24 0	1 0	22 32	2 4	23 37	3 29	21 30	0 27	15 44	1 21	21 39	0 4	1 29	1 18	0 40	15 57	19 33	19 11	3 6	6 13	6 28
S 9	22 57	13 10	1 34	24 18	1 9	22 19	1 58	23 40	3 33	21 28	0 27	15 42	1 21	21 40	0 4	1 29	1 18	0 40	15 57	19 32	19 11	3 3	6 13	6 29
S 10	23 1	8 13	2 34	24 34	1 16	22 6	1 52	23 43	3 37	21 26	0 27	15 41	1 21	21 40	0 4	1 29	1 18	0 40	15 57	19 32	19 12	3 0	6 12	6 29
M11	23 6	3 1	3 26	24 47	1 24	21 53	1 46	23 46	3 42	21 24	0 27	15 39	1 21	21 41	0 4	1 29	1 18	0 40	15 57	19 32	19 13	2 56	6 12	6 29
T 12	23 10	2n17	4 9	24 57	1 30	21 39	1 39	23 49	3 46	21 21	0 27	15 37	1 21	21 42	0 4	1 28	1 18	0 40	15 58	19 32	19 14	2 53	6 12	6 30
W13	23 14	7 32	4 42	25 4	1 36	21 26	1 31	23 53	3 51	21 19	0 28	15 36	1 21	21 42	0 4	1 28	1 18	0 40	15 58	19 32	19 14	2 50	6 12	6 30
T 14	23 17	12 34	5 3	25 8	1 42	21 12	1 24	23 57	3 55	21 17	0 28	15 34	1 21	21 43	0 4	1 28	1 18	0 40	15 58	19 33	19 15	2 47	6 12	6 30
F 15	23 19	17 13	5 10	25 10	1 46	20 59	1 16	24 1	4 0	21 15	0 28	15 32	1 21	21 43	0 4	1 28	1 18	0 40	15 58	19 34	19 16	2 44	6 12	6 31
S 16	23 22	21 13	5 3	25 9	1 50	20 46	1 8	24 5	4 4	21 12	0 28	15 31	1 21	21 44	0 4	1 28	1 18	0 39	15 58	19 35	19 17	2 41	6 12	6 31
S 17	23 24	24 18	4 40	25 6	1 53	20 32	0 59	24 9	4 9	21 10	0 28	15 29	1 20	21 44	0 4	1 28	1 18	0 39	15 59	19 37	19 17	2 37	6 12	6 31
M18	23 25	26 10	4 2	25 0	1 55	20 19	0 50	24 14	4 13	21 8	0 28	15 27	1 20	21 45	0 4	1 27	1 18	0 39	15 59	19 38	19 18	2 34	6 12	6 32
T 19	23 26	26 31	3 9	24 52	1 57	20 5	0 41	24 19	4 18	21 5	0 28	15 25	1 20	21 45	0 4	1 27	1 18	0 39	15 59	19 39	19 19	2 31	6 12	6 32
W20	23 27	25 14	2 4	24 41	1 58	19 52	0 32	24 23	4 22	21 3	0 28	15 23	1 20	21 46	0 4	1 27	1 18	0 39	15 59	19 40	19 20	2 28	6 12	6 32
T 21	23 28	22 21	0 51	24 29	1 58	19 39	0 22	24 29	4 27	21 0	0 28	15 22	1 20	21 46	0 4	1 27	1 19	0 39	15 59	19 40	19 20	2 25	6 12	6 33
F 22	23 27	18 5	0s26	24 14	1 57	19 25	0 12	24 34	4 32	20 58	0 28	15 20	1 20	21 47	0 4	1 27	1 19	0 39	16 0	19 40	19 21	2 21	6 12	6 33
S 23	23 27	12 45	1 43	23 58	1 56	19 13	0 1	24 39	4 36	20 55	0 28	15 18	1 20	21 47	0 4	1 27	1 19	0 39	16 0	19 40	19 22	2 18	6 13	6 33
S 24	23 26	6 44	2 53	23 40	1 54	19 0	0s10	24 45	4 41	20 53	0 28	15 16	1 20	21 48	0 4	1 27	1 19	0 39	16 0	19 40	19 23	2 15	6 13	6 34
M25	23 25	0 24	3 52	23 20	1 51	18 47	0 21	24 50	4 45	20 50	0 28	15 14	1 20	21 48	0 4	1 27	1 19	0 39	16 0	19 39	19 23	2 12	6 13	6 34
T 26	23 23	5s54	4 37	23 0	1 48	18 35	0 33	24 56	4 50	20 48	0 28	15 12	1 20	21 49	0 4	1 27	1 19	0 39	16 1	19 39	19 24	2 9	6 13	6 34
W27	23 21	11 52	5 4	22 37	1 44	18 22	0 45	25 2	4 54	20 45	0 28	15 10	1 20	21 49	0 4	1 27	1 19	0 39	16 1	19 39	19 25	2 6	6 13	6 35
T 28	23 18	17 11	5 14	22 14	1 40	18 10	0 57	25 8	4 58	20 43	0 28	15 8	1 20	21 50	0 4	1 27	1 19	0 39	16 1	19 40	19 26	2 2	6 14	6 35
F 29	23 15	21 31	5 5	21 49	1 34	17 59	1 10	25 14	5 3	20 40	0 28	15 6	1 20	21 50	0 4	1 27	1 19	0 39	16 1	19 40	19 26	1 59	6 14	6 35
S 30	23n12	24s38	4s39	21n24	1n29	17n47	1s23	25s20	5s 7	20n37	0n28	15n 4	1n20	21n51	0s 4	1s27	1s19	0s39	16s 2	19s41	19s27	1s56	6s14	6n35

Julian Day Number = 2400562.5, Delta T = 8.96 sec
Ecliptic obliquity = 23°27'32, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°47'28, Lahiri = 21°54'28

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ASTRODIENST EPHEMERIS for the year 1860
geocentric

JULY 1860 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 37 4	9♋18'31	13♐ 7	2♌30	4°R29	29°R 2	0♌15	23♌17	9♊41	29♓24	9♉14	2°R 9	3♒11	16♓56	27°R14	S 1
M 2	18 41 1	10°15'42	26°16	3°58	4♌20	28♑52	0°28	23°23	9°44	29°R24	9°15	2♒ 6	3° 8	17° 3	27♒12	M 2
T 3	18 44 57	11°12'52	9♑11	5°23	4° 8	28°41	0°41	23°29	9°48	29°24	9°16	2° 3	3° 4	17° 9	27°10	T 3
W 4	18 48 54	12°10'03	21°51	6°47	3°54	28°29	0°54	23°35	9°51	29°24	9°17	2° 2	3° 1	17°16	27° 8	W 4
T 5	18 52 51	13° 7'14	4♒16	8° 7	3°37	28°17	1° 7	23°42	9°54	29°24	9°17	2°D 2	2°58	17°23	27° 6	T 5
F 6	18 56 47	14° 4'24	16°29	9°26	3°18	28° 4	1°20	23°48	9°57	29°24	9°18	2° 2	2°55	17°29	27° 4	F 6
S 7	19 0 44	15° 1'35	28°31	10°42	2°57	27°50	1°33	23°55	10° 0	29°24	9°19	2° 3	2°52	17°36	27° 2	S 7
S 8	19 4 40	15°58'47	10♓26	11°55	2°34	27°37	1°46	24° 1	10° 3	29°24	9°19	2° 5	2°49	17°43	27° 0	S 8
M 9	19 8 37	16°55'59	22°17	13° 6	2° 9	27°22	1°59	24° 8	10° 6	29°23	9°20	2° 6	2°45	17°50	26°58	M 9
T 10	19 12 33	17°53'11	4♈ 8	14°14	1°41	27° 7	2°12	24°14	10° 9	29°23	9°21	2° 7	2°42	17°56	26°56	T 10
W11	19 16 30	18°50'23	16° 5	15°20	1°12	26°52	2°25	24°21	10°12	29°23	9°21	2°R 8	2°39	18° 3	26°54	W11
T 12	19 20 26	19°47'37	28°12	16°22	0°41	26°37	2°38	24°28	10°15	29°23	9°22	2° 7	2°36	18°10	26°52	T 12
F 13	19 24 23	20°44'50	10♉32	17°22	0° 9	26°21	2°51	24°34	10°18	29°22	9°22	2° 7	2°33	18°16	26°49	F 13
S 14	19 28 19	21°42'05	23°11	18°19	29♋35	26° 5	3° 4	24°41	10°21	29°22	9°23	2° 6	2°29	18°23	26°47	S 14
S 15	19 32 16	22°39'20	6♊12	19°12	29° 0	25°48	3°17	24°48	10°23	29°22	9°23	2° 5	2°26	18°30	26°45	S 15
M16	19 36 13	23°36'36	19°35	20° 2	28°24	25°32	3°31	24°55	10°26	29°21	9°24	2° 3	2°23	18°36	26°42	M16
T 17	19 40 9	24°33'52	3♋22	20°49	27°48	25°15	3°44	25° 2	10°29	29°21	9°24	2° 3	2°20	18°43	26°40	T 17
W18	19 44 6	25°31'09	17°30	21°33	27°11	24°58	3°57	25° 9	10°32	29°20	9°25	2° 2	2°17	18°50	26°37	W18
T 19	19 48 2	26°28'27	1♌56	22°12	26°33	24°41	4°10	25°16	10°34	29°20	9°25	2°D 2	2°14	18°56	26°35	T 19
F 20	19 51 59	27°25'45	16°33	22°48	25°56	24°24	4°23	25°23	10°37	29°19	9°26	2° 2	2°10	19° 3	26°32	F 20
S 21	19 55 55	28°23'03	1♍17	23°20	25°19	24° 8	4°37	25°30	10°40	29°19	9°26	2° 2	2° 7	19°10	26°30	S 21
S 22	19 59 52	29°20'22	16° 0	23°47	24°42	23°51	4°50	25°37	10°42	29°18	9°27	2° 3	2° 4	19°16	26°27	S 22
M23	20 3 49	0♌17'41	0♎35	24°11	24° 6	23°34	5° 3	25°44	10°45	29°17	9°27	2° 3	2° 1	19°23	26°25	M23
T 24	20 7 45	1°15'01	14°59	24°30	23°31	23°18	5°16	25°51	10°47	29°17	9°27	2° 3	1°58	19°30	26°22	T 24
W25	20 11 42	2°12'21	29° 8	24°44	22°57	23° 2	5°30	25°59	10°50	29°16	9°28	2° 3	1°55	19°36	26°19	W25
T 26	20 15 38	3° 9'41	13♏ 0	24°53	22°24	22°46	5°43	26° 6	10°52	29°15	9°28	2° 3	1°51	19°43	26°16	T 26
F 27	20 19 35	4° 7'02	26°35	24°R57	21°53	22°31	5°56	26°13	10°55	29°14	9°28	2° 3	1°48	19°50	26°14	F 27
S 28	20 23 31	5° 4'24	9♐52	24°57	21°23	22°16	6°10	26°20	10°57	29°14	9°28	2° 3	1°45	19°57	26°11	S 28
S 29	20 27 28	6° 1'46	22°55	24°51	20°55	22° 1	6°23	26°28	11° 0	29°13	9°29	2° 4	1°42	20° 3	26° 8	S 29
M30	20 31 24	6°59'09	5♑42	24°40	20°29	21°47	6°36	26°35	11° 2	29°12	9°29	2° 4	1°39	20°10	26° 5	M30
T 31	20 35 21	7♌56'32	18♑17	24♌23	20♋ 5	21♑33	6♌49	26♌42	11♊ 4	29♓11	9♉29	2♒ 4	1♒35	20♓17	26♒ 2	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 8	26s19	3s57	20n57	1n22	17n36	1s36	25s26	5s11	20n35	0n28	15n 2	1n20	21n51	0s 4	1s27	1s19	0s39	16s 2	19s42	19s28	1s53	6s14	6n36
M 2	23 4	26 29	3 4	20 30	1 16	17 25	1 49	25 32	5 15	20 32	0 29	15 0	1 20	21 52	0 4	1 27	1 19	0 39	16 2	19 43	19 28	1 50	6 15	6 36
T 3	22 59	25 11	2 3	20 3	1 8	17 15	2 3	25 39	5 19	20 29	0 29	14 58	1 20	21 52	0 4	1 27	1 19	0 39	16 2	19 43	19 29	1 46	6 15	6 36
W 4	22 54	22 36	0 56	19 34	1 1	17 5	2 17	25 45	5 23	20 26	0 29	14 56	1 20	21 53	0 4	1 27	1 19	0 39	16 3	19 43	19 30	1 43	6 15	6 36
T 5	22 49	19 0	0n12	19 5	0 52	16 55	2 31	25 52	5 27	20 24	0 29	14 53	1 20	21 53	0 4	1 27	1 19	0 39	16 3	19 43	19 31	1 40	6 16	6 37
F 6	22 43	14 39	1 19	18 36	0 43	16 46	2 45	25 58	5 31	20 21	0 29	14 51	1 20	21 54	0 4	1 27	1 19	0 39	16 3	19 43	19 31	1 37	6 16	6 37
S 7	22 37	9 47	2 21	18 7	0 34	16 37	2 59	26 4	5 35	20 18	0 29	14 49	1 20	21 54	0 4	1 27	1 19	0 39	16 4	19 43	19 32	1 34	6 17	6 37
S 8	22 30	4 38	3 17	17 37	0 24	16 28	3 13	26 11	5 38	20 15	0 29	14 47	1 20	21 55	0 4	1 27	1 19	0 39	16 4	19 43	19 33	1 31	6 17	6 37
M 9	22 23	0n40	4 3	17 8	0 14	16 20	3 27	26 17	5 42	20 12	0 29	14 45	1 20	21 55	0 4	1 27	1 19	0 39	16 4	19 42	19 34	1 27	6 18	6 38
T 10	22 16	5 55	4 40	16 38	0 4	16 12	3 41	26 23	5 45	20 9	0 29	14 43	1 20	21 56	0 4	1 28	1 19	0 39	16 4	19 42	19 34	1 24	6 18	6 38
W11	22 8	11 0	5 4	16 8	0s 7	16 5	3 55	26 29	5 48	20 7	0 29	14 40	1 20	21 56	0 4	1 28	1 20	0 40	16 5	19 42	19 35	1 21	6 19	6 38
T 12	22 0	15 45	5 16	15 39	0 18	15 58	4 9	26 36	5 51	20 4	0 29	14 38	1 20	21 56	0 4	1 28	1 20	0 40	16 5	19 42	19 36	1 18	6 19	6 38
F 13	21 51	19 57	5 13	15 10	0 30	15 51	4 23	26 42	5 54	20 1	0 29	14 36	1 20	21 57	0 4	1 28	1 20	0 40	16 5	19 42	19 36	1 15	6 20	6 39
S 14	21 42	23 21	4 55	14 41	0 42	15 45	4 36	26 48	5 57	19 58	0 29	14 34	1 20	21 57	0 4	1 28	1 20	0 40	16 6	19 43	19 37	1 12	6 20	6 39
S 15	21 33	25 40	4 22	14 13	0 54	15 40	4 49	26 53	6 0	19 55	0 29	14 31	1 20	21 58	0 4	1 28	1 20	0 40	16 6	19 43	19 38	1 8	6 21	6 39
M16	21 24	26 36	3 34	13 46	1 7	15 34	5 2	26 59	6 2	19 52	0 29	14 29	1 20	21 58	0 4	1 29	1 20	0 40	16 6	19 43	19 39	1 5	6 22	6 39
T 17	21 14	25 57	2 32	13 19	1 19	15 30	5 14	27 4	6 5	19 49	0 30	14 27	1 20	21 58	0 4	1 29	1 20	0 40	16 6	19 43	19 39	1 2	6 22	6 39
W18	21 3	23 38	1 20	12 53	1 32	15 25	5 25	27 10	6 7	19 46	0 30	14 24	1 20	21 59	0 4	1 29	1 20	0 40	16 7	19 43	19 40	0 59	6 23	6 40
T 19	20 53	19 45	0 1	12 27	1 45	15 21	5 36	27 15	6 9	19 43	0 30	14 22	1 20	21 59	0 4	1 29	1 20	0 41	16 7	19 43	19 41	0 56	6 24	6 40
F 20	20 41	14 37	1s20	12 3	1 59	15 18	5 47	27 20	6 11	19 40	0 30	14 20	1 20	22 0	0 4	1 30	1 20	0 41	16 7	19 43	19 41	0 53	6 24	6 40
S 21	20 30	8 36	2 35	11 40	2 12	15 15	5 56	27 25	6 12	19 36	0 30	14 17	1 20	22 0	0 4	1 30	1 20	0 41	16 8	19 43	19 42	0 49	6 25	6 40
S 22	20 18	2 8	3 40	11 19	2 25	15 12	6 5	27 29	6 14	19 33	0 30	14 15	1 20	22 0	0 4	1 30	1 20	0 41	16 8	19 43	19 43	0 46	6 26	6 40
M23	20 6	4s22	4 31	10 58	2 39	15 10	6 14	27 33	6 15	19 30	0 30	14 12	1 20	22 1	0 4	1 31	1 20	0 41	16 8	19 43	19 44	0 43	6 26	6 40
T 24	19 54	10 34	5 3	10 40	2 52	15 8	6 21	27 37	6 16	19 27	0 30	14 10	1 20	22 1	0 4	1 31	1 20	0 41	16 9	19 43	19 44	0 40	6 27	6 41
W25	19 41	16 6	5 17	10 23	3 5	15 7	6 28	27 41	6 17	19 24	0 30	14 7	1 20	22 1	0 4	1 31	1 20	0 42	16 9	19 43	19 45	0 37	6 28	6 41
T 26	19 28	20 42	5 11	10 8	3 18	15 6	6 34	27 45	6 18	19 21	0 30	14 5	1 20	22 2	0 4	1 31	1 20	0 42	16 9	19 43	19 46	0 34	6 29	6 41
F 27	19 15	24 5	4 49	9 54	3 31	15 6	6 40	27 48	6 18	19 18	0 30	14 3	1 20	22 2	0 4	1 32	1 20	0 42	16 10	19 43	19 46	0 30	6 29	6 41
S 28	19 1	26 5	4 11	9 43	3 43	15 6	6 44	27 51	6 19	19 14	0 30	14 0	1 20	22 3	0 4	1 32	1 20	0 42	16 10	19 43	19 47	0 27	6 30	6 41
S 29	18 47	26 36	3 21	9 34	3 54	15 6	6 48	27 53	6 19	19 11	0 30	13 58	1 20	22 3	0 4	1 33	1 20	0 43	16 10	19 43	19 48	0 24	6 31	6 41
M30	18 32	25 41	2 21	9 27	4 5	15 7	6 52	27 56	6 19	19 8	0 31	13 55	1 20	22 3	0 4	1 33	1 20	0 43	16 10	19 43	19 49	0 21	6 32	6 41
T 31	18n18	23s28	1s16	9n23	4s15	15n 8	6s54	27s58	6s19	19n 5	0n31	13n53	1n20	22n 4	0s 4	1s33	1s20	0s43	16s11	19s43	19s49	0s18	6s33	6n41

Julian Day Number = 2400592.5, Delta T = 8.96 sec
Ecliptic obliquity = 23°27'31, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°47'32, Lahiri = 21°54'32

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ASTRODIENST EPHEMERIS for the year 1860
geocentric

AUGUST 1860 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 39 18	8♌53'56	0♒39	24°R 2	19°R44	21°R20	7♌ 3	26♌50	11♊ 7	29°R10	9♉29	2°R 5	1♒32	20♓23	25°R59	W 1
T 2	20 43 14	9°51'21	12°52	23♌36	19♋24	21♏ 7	7°16	26°57	11° 9	29♓ 9	9°29	2♒ 4	1°29	20°30	25♒57	T 2
F 3	20 47 11	10°48'47	24°55	23° 5	19° 7	20°55	7°29	27° 4	11°11	29° 8	9°29	2° 4	1°26	20°37	25°54	F 3
S 4	20 51 7	11°46'14	6♓52	22°30	18°52	20°43	7°42	27°12	11°13	29° 7	9°30	2° 3	1°23	20°43	25°51	S 4
S 5	20 55 4	12°43'42	18°44	21°51	18°40	20°33	7°56	27°19	11°15	29° 6	9°30	2° 1	1°20	20°50	25°48	S 5
M 6	20 59 0	13°41'12	0♈35	21° 8	18°30	20°22	8° 9	27°27	11°17	29° 5	9°30	2° 0	1°16	20°57	25°45	M 6
T 7	21 2 57	14°38'42	12°26	20°23	18°22	20°13	8°22	27°34	11°19	29° 4	9°30	1°58	1°13	21° 3	25°42	T 7
W 8	21 6 53	15°36'14	24°23	19°35	18°17	20° 4	8°35	27°42	11°21	29° 3	9°30	1°57	1°10	21°10	25°39	W 8
T 9	21 10 50	16°33'47	6♉28	18°47	18°14	19°56	8°48	27°49	11°23	29° 2	9°R30	1°56	1° 7	21°17	25°36	T 9
F 10	21 14 47	17°31'22	18°46	17°58	18°D14	19°49	9° 2	27°57	11°25	29° 1	9°30	1°D56	1° 4	21°24	25°33	F 10
S 11	21 18 43	18°28'58	1♊22	17° 9	18°16	19°42	9°15	28° 4	11°27	29° 0	9°30	1°56	1° 1	21°30	25°30	S 11
S 12	21 22 40	19°26'36	14°19	16°23	18°20	19°36	9°28	28°12	11°29	28°59	9°30	1°57	0°57	21°37	25°27	S 12
M13	21 26 36	20°24'16	27°40	15°38	18°26	19°31	9°41	28°20	11°30	28°57	9°30	1°58	0°54	21°44	25°24	M13
T 14	21 30 33	21°21'56	11♋28	14°57	18°35	19°27	9°54	28°27	11°32	28°56	9°30	2° 0	0°51	21°50	25°21	T 14
W15	21 34 29	22°19'39	25°42	14°20	18°46	19°24	10° 7	28°35	11°34	28°55	9°29	2°R 0	0°48	21°57	25°17	W15
T 16	21 38 26	23°17'22	10♌19	13°49	18°59	19°21	10°20	28°42	11°35	28°54	9°29	2° 0	0°45	22° 4	25°14	T 16
F 17	21 42 22	24°15'08	25°13	13°23	19°13	19°19	10°34	28°50	11°37	28°52	9°29	1°59	0°41	22°10	25°11	F 17
S 18	21 46 19	25°12'54	10♍18	13° 3	19°30	19°18	10°47	28°58	11°38	28°51	9°29	1°57	0°38	22°17	25° 8	S 18
S 19	21 50 16	26°10'42	25°24	12°50	19°49	19°D18	11° 0	29° 5	11°40	28°50	9°29	1°54	0°35	22°24	25° 5	S 19
M20	21 54 12	27° 8'30	10♎21	12°D45	20° 9	19°19	11°13	29°13	11°41	28°49	9°29	1°51	0°32	22°30	25° 2	M20
T 21	21 58 9	28° 6'21	25° 2	12°47	20°31	19°21	11°26	29°20	11°43	28°47	9°28	1°48	0°29	22°37	24°59	T 21
W22	22 2 5	29° 4'12	9♏21	12°56	20°55	19°23	11°39	29°28	11°44	28°46	9°28	1°45	0°26	22°44	24°56	W22
T 23	22 6 2	0♍ 2'05	23°16	13°14	21°21	19°26	11°51	29°36	11°45	28°44	9°28	1°44	0°22	22°51	24°53	T 23
F 24	22 9 58	0°59'58	6♐48	13°40	21°48	19°30	12° 4	29°43	11°47	28°43	9°27	1°D44	0°19	22°57	24°50	F 24
S 25	22 13 55	1°57'54	19°56	14°13	22°17	19°35	12°17	29°51	11°48	28°42	9°27	1°45	0°16	23° 4	24°47	S 25
S 26	22 17 51	2°55'50	2♑45	14°55	22°47	19°41	12°30	29°59	11°49	28°40	9°27	1°46	0°13	23°11	24°44	S 26
M27	22 21 48	3°53'48	15°17	15°44	23°19	19°48	12°43	0♍ 6	11°50	28°39	9°26	1°48	0°10	23°17	24°41	M27
T 28	22 25 45	4°51'47	27°36	16°40	23°52	19°55	12°56	0°14	11°51	28°37	9°26	1°R49	0° 7	23°24	24°38	T 28
W29	22 29 41	5°49'47	9♒45	17°43	24°26	20° 3	13° 8	0°21	11°52	28°36	9°26	1°49	0° 3	23°31	24°35	W29
T 30	22 33 38	6°47'49	21°46	18°53	25° 2	20°12	13°21	0°29	11°53	28°34	9°25	1°47	0° 0	23°37	24°32	T 30
F 31	22 37 34	7♍45'53	3♓41	20♌ 9	25♋39	20♑21	13♌34	0♍37	11♊54	28♓33	9♉25	1♒43	29♑57	23♓44	24♒29	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n 3	20s 9	0s 8	9n21	4s25	15n 9	6s56	28s 0	6s19	19n 1	0n31	13n50	1n20	22n 4	0s 4	1s34	1s21	0s43	16s11	19s43	19s50	0s15	6s34	6n41
T 2	17 48	16 1	0n59	9 22	4 33	15 10	6 57	28 1	6 18	18 58	0 31	13 48	1 20	22 4	0 4	1 34	1 21	0 44	16 11	19 43	19 51	0 11	6 35	6 41
F 3	17 32	11 17	2 3	9 26	4 40	15 12	6 57	28 3	6 18	18 55	0 31	13 45	1 20	22 4	0 4	1 35	1 21	0 44	16 12	19 43	19 51	0 8	6 35	6 42
S 4	17 16	6 12	3 1	9 32	4 45	15 14	6 57	28 4	6 17	18 51	0 31	13 43	1 20	22 5	0 4	1 35	1 21	0 44	16 12	19 43	19 52	0 5	6 36	6 42
S 5	17 0	0 55	3 51	9 40	4 49	15 17	6 57	28 5	6 16	18 48	0 31	13 40	1 20	22 5	0 4	1 35	1 21	0 44	16 12	19 44	19 53	0 2	6 37	6 42
M 6	16 44	4n21	4 30	9 51	4 52	15 19	6 55	28 5	6 15	18 45	0 31	13 38	1 20	22 5	0 4	1 36	1 21	0 45	16 13	19 44	19 54	0n 1	6 38	6 42
T 7	16 27	9 29	4 58	10 5	4 52	15 22	6 54	28 6	6 14	18 41	0 31	13 35	1 20	22 6	0 4	1 36	1 21	0 45	16 13	19 44	19 54	0 4	6 39	6 42
W 8	16 10	14 18	5 13	10 20	4 51	15 25	6 51	28 6	6 12	18 38	0 31	13 32	1 20	22 6	0 4	1 37	1 21	0 45	16 13	19 45	19 55	0 7	6 40	6 42
T 9	15 53	18 38	5 15	10 38	4 49	15 28	6 49	28 5	6 11	18 35	0 31	13 30	1 20	22 6	0 4	1 37	1 21	0 45	16 14	19 45	19 56	0 11	6 41	6 42
F 10	15 36	22 16	5 3	10 57	4 44	15 31	6 46	28 5	6 9	18 31	0 32	13 27	1 21	22 6	0 4	1 38	1 21	0 46	16 14	19 45	19 56	0 14	6 42	6 42
S 11	15 18	24 56	4 35	11 18	4 37	15 34	6 42	28 4	6 8	18 28	0 32	13 25	1 21	22 7	0 4	1 38	1 21	0 46	16 14	19 45	19 57	0 17	6 43	6 42
S 12	15 0	26 24	3 54	11 40	4 29	15 37	6 38	28 3	6 6	18 24	0 32	13 22	1 21	22 7	0 4	1 39	1 21	0 46	16 15	19 45	19 58	0 20	6 44	6 42
M13	14 42	26 25	2 58	12 2	4 19	15 41	6 34	28 2	6 4	18 21	0 32	13 20	1 21	22 7	0 4	1 39	1 21	0 47	16 15	19 44	19 58	0 23	6 45	6 42
T 14	14 23	24 48	1 51	12 26	4 7	15 44	6 30	28 1	6 2	18 18	0 32	13 17	1 21	22 7	0 4	1 40	1 21	0 47	16 15	19 44	19 59	0 26	6 46	6 42
W15	14 5	21 35	0 35	12 49	3 54	15 47	6 25	27 59	6 0	18 14	0 32	13 14	1 21	22 8	0 4	1 40	1 21	0 47	16 15	19 44	20 0	0 29	6 47	6 42
T 16	13 46	16 56	0s46	13 11	3 39	15 50	6 20	27 57	5 58	18 11	0 32	13 12	1 21	22 8	0 4	1 41	1 21	0 48	16 16	19 44	20 0	0 33	6 48	6 42
F 17	13 27	11 10	2 4	13 34	3 24	15 54	6 15	27 55	5 55	18 7	0 32	13 9	1 21	22 8	0 4	1 41	1 21	0 48	16 16	19 44	20 1	0 36	6 49	6 42
S 18	13 8	4 42	3 15	13 55	3 7	15 57	6 9	27 53	5 53	18 4	0 32	13 7	1 21	22 8	0 4	1 42	1 21	0 48	16 16	19 45	20 2	0 39	6 50	6 42
S 19	12 48	2s 2	4 13	14 15	2 50	16 0	6 4	27 51	5 50	18 0	0 32	13 4	1 21	22 9	0 4	1 42	1 21	0 49	16 17	19 45	20 3	0 42	6 51	6 42
M20	12 28	8 34	4 52	14 33	2 33	16 3	5 58	27 48	5 48	17 57	0 33	13 1	1 21	22 9	0 4	1 43	1 21	0 49	16 17	19 46	20 3	0 45	6 52	6 42
T 21	12 9	14 31	5 12	14 50	2 15	16 6	5 52	27 45	5 45	17 53	0 33	12 59	1 21	22 9	0 4	1 44	1 21	0 49	16 17	19 47	20 4	0 48	6 53	6 41
W22	11 48	19 32	5 11	15 5	1 57	16 8	5 46	27 42	5 42	17 50	0 33	12 56	1 21	22 9	0 4	1 44	1 21	0 50	16 18	19 47	20 5	0 51	6 55	6 41
T 23	11 28	23 19	4 52	15 17	1 39	16 11	5 39	27 39	5 40	17 46	0 33	12 53	1 21	22 9	0 4	1 45	1 21	0 50	16 18	19 47	20 5	0 55	6 56	6 41
F 24	11 8	25 41	4 17	15 27	1 21	16 13	5 33	27 35	5 37	17 43	0 33	12 51	1 21	22 9	0 4	1 45	1 21	0 51	16 18	19 47	20 6	0 58	6 57	6 41
S 25	10 47	26 33	3 29	15 34	1 3	16 15	5 26	27 32	5 34	17 39	0 33	12 48	1 21	22 10	0 4	1 46	1 21	0 51	16 18	19 47	20 7	1 1	6 58	6 41
S 26	10 26	25 58	2 32	15 38	0 46	16 17	5 20	27 28	5 31	17 36	0 33	12 46	1 21	22 10	0 4	1 47	1 21	0 51	16 19	19 47	20 7	1 4	6 59	6 41
M27	10 5	24 4	1 29	15 40	0 30	16 18	5 13	27 24	5 28	17 32	0 33	12 43	1 22	22 10	0 4	1 47	1 21	0 52	16 19	19 47	20 8	1 7	7 0	6 41
T 28	9 44	21 2	0 23	15 38	0 14	16 19	5 6	27 20	5 25	17 29	0 33	12 40	1 22	22 10	0 4	1 48	1 21	0 52	16 19	19 46	20 9	1 10	7 1	6 41
W29	9 23	17 8	0n43	15 33	0n 1	16 20	4 59	27 16	5 22	17 25	0 33	12 38	1 22	22 10	0 4	1 48	1 22	0 52	16 20	19 46	20 9	1 13	7 2	6 41
T 30	9 1	12 35	1 47	15 25	0 15	16 21	4 52	27 12	5 19	17 22	0 34	12 35	1 22	22 10	0 4	1 49	1 22	0 53	16 20	19 47	20 10	1 16	7 3	6 40
F 31	8n40	7s36	2n45	15n14	0n28	16n21	4s45	27s 7	5s16	17n18	0n34	12n33	1n22	22n11	0s 4	1s50	1s22	0s53	16s20	19s48	20s11	1n20	7s 4	6n40

Julian Day Number = 2400623.5, Delta T = 8.95 sec
Ecliptic obliquity = 23°27'31, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°47'36, Lahiri = 21°54'37

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ASTRODIENST EPHEMERIS for the year 1860
geocentric

SEPTEMBER 1860 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 41 31	8♍43'58	15♓34	21♌30	26♋17	20♑32	13♌46	0♍44	11♊55	28°R31	9°R24	1°R38	29♑54	23♓51	24°R26	S 1
S 2	22 45 27	9°42'05	27°25	22°57	26°56	20°43	13°59	0°52	11°56	28♓30	9♉24	1♒32	29°51	23°57	24♒23	S 2
M 3	22 49 24	10°40'13	9♈16	24°29	27°37	20°55	14°11	0°59	11°56	28°28	9°23	1°24	29°47	24° 4	24°20	M 3
T 4	22 53 20	11°38'24	21°10	26° 5	28°18	21° 7	14°24	1° 7	11°57	28°26	9°23	1°17	29°44	24°11	24°17	T 4
W 5	22 57 17	12°36'36	3♉ 8	27°45	29° 1	21°21	14°36	1°14	11°58	28°25	9°22	1°11	29°41	24°18	24°14	W 5
T 6	23 1 13	13°34'51	15°14	29°28	29°44	21°35	14°49	1°22	11°58	28°23	9°22	1° 5	29°38	24°24	24°11	T 6
F 7	23 5 10	14°33'07	27°31	1♍14	0♌29	21°49	15° 1	1°29	11°59	28°22	9°21	1° 2	29°35	24°31	24° 9	F 7
S 8	23 9 7	15°31'26	10♊ 4	3° 2	1°14	22° 4	15°13	1°37	11°59	28°20	9°21	1°D 0	29°32	24°38	24° 6	S 8
S 9	23 13 3	16°29'47	22°55	4°51	2° 0	22°20	15°25	1°44	12° 0	28°18	9°20	1° 0	29°28	24°44	24° 3	S 9
M10	23 17 0	17°28'10	6♋ 9	6°42	2°48	22°37	15°38	1°52	12° 0	28°17	9°19	1° 1	29°25	24°51	24° 0	M10
T 11	23 20 56	18°26'35	19°49	8°35	3°36	22°54	15°50	1°59	12° 1	28°15	9°19	1° 3	29°22	24°58	23°58	T 11
W12	23 24 53	19°25'02	3♌57	10°27	4°25	23°12	16° 2	2° 7	12° 1	28°14	9°18	1°R 3	29°19	25° 4	23°55	W12
T 13	23 28 49	20°23'31	18°31	12°21	5°14	23°30	16°14	2°14	12° 1	28°12	9°17	1° 2	29°16	25°11	23°52	T 13
F 14	23 32 46	21°22'02	3♍28	14°14	6° 5	23°49	16°26	2°21	12° 1	28°10	9°17	0°58	29°12	25°18	23°50	F 14
S 15	23 36 43	22°20'35	18°40	16° 7	6°56	24° 9	16°38	2°29	12° 1	28° 9	9°16	0°53	29° 9	25°25	23°47	S 15
S 16	23 40 39	23°19'11	3♎58	18° 0	7°47	24°29	16°50	2°36	12° 2	28° 7	9°15	0°45	29° 6	25°31	23°45	S 16
M17	23 44 36	24°17'47	19°10	19°53	8°40	24°50	17° 1	2°43	12°R 2	28° 5	9°15	0°37	29° 3	25°38	23°42	M17
T 18	23 48 32	25°16'26	4♏ 7	21°45	9°33	25°12	17°13	2°51	12° 2	28° 4	9°14	0°29	29° 0	25°45	23°40	T 18
W19	23 52 29	26°15'07	18°40	23°36	10°27	25°33	17°25	2°58	12° 1	28° 2	9°13	0°23	28°57	25°51	23°37	W19
T 20	23 56 25	27°13'49	2♐45	25°27	11°21	25°56	17°36	3° 5	12° 1	28° 0	9°12	0°18	28°53	25°58	23°35	T 20
F 21	0 0 22	28°12'33	16°20	27°17	12°16	26°19	17°48	3°12	12° 1	27°59	9°11	0°15	28°50	26° 5	23°32	F 21
S 22	0 4 18	29°11'19	29°29	29° 6	13°11	26°42	17°59	3°19	12° 1	27°57	9°11	0°D15	28°47	26°11	23°30	S 22
S 23	0 8 15	0♎10'07	12♑13	0♎54	14° 7	27° 6	18°11	3°27	12° 1	27°55	9°10	0°15	28°44	26°18	23°28	S 23
M24	0 12 11	1° 8'56	24°39	2°41	15° 4	27°31	18°22	3°34	12° 0	27°54	9° 9	0°R16	28°41	26°25	23°26	M24
T 25	0 16 8	2° 7'47	6♒49	4°28	16° 1	27°56	18°33	3°41	12° 0	27°52	9° 8	0°16	28°38	26°32	23°23	T 25
W26	0 20 5	3° 6'39	18°50	6°13	16°58	28°21	18°44	3°48	12° 0	27°50	9° 7	0°14	28°34	26°38	23°21	W26
T 27	0 24 1	4° 5'33	0♓44	7°58	17°56	28°47	18°55	3°55	11°59	27°49	9° 6	0°10	28°31	26°45	23°19	T 27
F 28	0 27 58	5° 4'30	12°35	9°42	18°55	29°13	19° 6	4° 2	11°59	27°47	9° 5	0° 3	28°28	26°52	23°17	F 28
S 29	0 31 54	6° 3'28	24°25	11°24	19°54	29°40	19°17	4° 8	11°58	27°45	9° 5	29♑53	28°25	26°58	23°15	S 29
S 30	0 35 51	7♎ 2'28	6♈17	13♎ 6	20♌53	0♒ 7	19♌28	4♍15	11♊57	27♓44	9♉ 4	29♑42	28♑22	27♓ 5	23♒13	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n18	2s23	3n35	14n59	0n41	16n21	4s38	27s 2	5s13	17n15	0n34	12n30	1n22	22n11	0s 4	1s50	1s22	0s54	16s20	19s49	20s11	1n23	7s 5	6n40
S 2	7 56	2n54	4 17	14 42	0 52	16 21	4 31	26 57	5 9	17 11	0 34	12 27	1 22	22 11	0 4	1 51	1 22	0 54	16 21	19 50	20 12	1 26	7 7	6 40
M 3	7 34	8 4	4 47	14 21	1 2	16 20	4 24	26 52	5 6	17 8	0 34	12 25	1 22	22 11	0 4	1 52	1 22	0 54	16 21	19 52	20 13	1 29	7 8	6 40
T 4	7 12	12 57	5 4	13 57	1 11	16 19	4 17	26 47	5 3	17 4	0 34	12 22	1 22	22 11	0 4	1 52	1 22	0 55	16 21	19 53	20 13	1 32	7 9	6 40
W 5	6 50	17 24	5 9	13 30	1 19	16 18	4 10	26 42	5 0	17 1	0 34	12 19	1 22	22 11	0 4	1 53	1 22	0 55	16 22	19 55	20 14	1 35	7 10	6 39
T 6	6 28	21 11	5 0	13 1	1 26	16 16	4 3	26 37	4 57	16 57	0 34	12 17	1 22	22 11	0 4	1 53	1 22	0 56	16 22	19 56	20 15	1 38	7 11	6 39
F 7	6 5	24 7	4 37	12 29	1 32	16 13	3 56	26 31	4 54	16 54	0 35	12 14	1 23	22 11	0 4	1 54	1 22	0 56	16 22	19 57	20 15	1 41	7 12	6 39
S 8	5 43	25 56	4 0	11 55	1 38	16 11	3 49	26 25	4 50	16 50	0 35	12 12	1 23	22 11	0 4	1 55	1 22	0 57	16 22	19 57	20 16	1 45	7 13	6 39
S 9	5 20	26 27	3 11	11 19	1 42	16 8	3 42	26 19	4 47	16 47	0 35	12 9	1 23	22 11	0 4	1 55	1 22	0 57	16 23	19 57	20 17	1 48	7 14	6 39
M10	4 57	25 29	2 10	10 41	1 45	16 4	3 35	26 13	4 44	16 43	0 35	12 7	1 23	22 11	0 3	1 56	1 22	0 57	16 23	19 57	20 17	1 51	7 15	6 38
T 11	4 34	22 59	1 0	10 1	1 47	16 0	3 28	26 7	4 41	16 40	0 35	12 4	1 23	22 11	0 3	1 57	1 22	0 58	16 23	19 57	20 18	1 54	7 17	6 38
W12	4 12	19 2	0s16	9 19	1 48	15 56	3 20	26 1	4 37	16 36	0 35	12 1	1 23	22 12	0 3	1 57	1 22	0 58	16 23	19 56	20 19	1 57	7 18	6 38
T 13	3 49	13 49	1 33	8 37	1 49	15 51	3 13	25 55	4 34	16 33	0 35	11 59	1 23	22 12	0 3	1 58	1 22	0 59	16 24	19 57	20 19	2 0	7 19	6 38
F 14	3 26	7 41	2 45	7 53	1 49	15 45	3 6	25 48	4 31	16 29	0 35	11 56	1 23	22 12	0 3	1 59	1 22	0 59	16 24	19 57	20 20	2 3	7 20	6 37
S 15	3 2	1 0	3 47	7 8	1 48	15 40	2 59	25 41	4 28	16 26	0 36	11 54	1 23	22 12	0 3	1 59	1 22	1 0	16 24	19 59	20 21	2 6	7 21	6 37
S 16	2 39	5s45	4 33	6 23	1 47	15 33	2 53	25 34	4 24	16 22	0 36	11 51	1 23	22 12	0 3	2 0	1 22	1 0	16 24	20 0	20 21	2 9	7 22	6 37
M17	2 16	12 8	5 0	5 37	1 45	15 27	2 46	25 27	4 21	16 19	0 36	11 49	1 24	22 12	0 3	2 1	1 22	1 0	16 25	20 2	20 22	2 12	7 23	6 37
T 18	1 53	17 41	5 5	4 50	1 42	15 20	2 39	25 20	4 18	16 16	0 36	11 46	1 24	22 12	0 3	2 1	1 22	1 1	16 25	20 4	20 23	2 16	7 24	6 36
W19	1 29	22 2	4 51	4 3	1 39	15 12	2 32	25 13	4 15	16 12	0 36	11 44	1 24	22 12	0 3	2 2	1 22	1 1	16 25	20 5	20 23	2 19	7 25	6 36
T 20	1 6	24 57	4 19	3 16	1 35	15 4	2 25	25 6	4 12	16 9	0 36	11 41	1 24	22 12	0 3	2 3	1 22	1 2	16 25	20 6	20 24	2 22	7 26	6 36
F 21	0 43	26 17	3 33	2 29	1 32	14 55	2 18	24 58	4 8	16 5	0 36	11 39	1 24	22 12	0 3	2 3	1 22	1 2	16 25	20 7	20 25	2 25	7 27	6 35
S 22	0 19	26 4	2 37	1 42	1 27	14 46	2 12	24 50	4 5	16 2	0 37	11 36	1 24	22 12	0 3	2 4	1 22	1 3	16 26	20 7	20 25	2 28	7 28	6 35
S 23	0s 4	24 28	1 35	0 54	1 23	14 37	2 5	24 43	4 2	15 59	0 37	11 34	1 24	22 12	0 3	2 5	1 22	1 3	16 26	20 7	20 26	2 31	7 29	6 35
M24	0 27	21 42	0 30	0 7	1 18	14 27	1 58	24 35	3 59	15 55	0 37	11 31	1 24	22 12	0 3	2 5	1 22	1 3	16 26	20 7	20 27	2 34	7 30	6 35
T 25	0 51	18 1	0n35	0s40	1 12	14 16	1 52	24 26	3 56	15 52	0 37	11 29	1 25	22 11	0 3	2 6	1 22	1 4	16 26	20 7	20 27	2 37	7 31	6 34
W26	1 14	13 39	1 37	1 27	1 7	14 5	1 45	24 18	3 53	15 49	0 37	11 26	1 25	22 11	0 3	2 7	1 22	1 4	16 26	20 7	20 28	2 40	7 32	6 34
T 27	1 38	8 49	2 35	2 14	1 1	13 54	1 39	24 10	3 49	15 45	0 37	11 24	1 25	22 11	0 3	2 7	1 22	1 5	16 27	20 8	20 28	2 43	7 33	6 34
F 28	2 1	3 41	3 25	3 0	0 55	13 42	1 33	24 1	3 46	15 42	0 38	11 22	1 25	22 11	0 3	2 8	1 22	1 5	16 27	20 9	20 29	2 46	7 34	6 33
S 29	2 24	1n33	4 6	3 46	0 49	13 30	1 26	23 53	3 43	15 39	0 38	11 19	1 25	22 11	0 3	2 9	1 22	1 6	16 27	20 11	20 30	2 50	7 35	6 33
S 30	2s48	6n44	4n37	4s32	0n43	13n17	1s20	23s44	3s40	15n36	0n38	11n17	1n25	22n11	0s 3	2s 9	1s22	1s 6	16s27	20s14	20s30	2n53	7s36	6n33

Julian Day Number = 2400654.5, Delta T = 8.95 sec
Ecliptic obliquity = 23°27'32, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°47'41, Lahiri = 21°54'41

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ASTRODIENST EPHEMERIS for the year 1860
geocentric

OCTOBER 1860 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 39 47	8♎ 1'30	18♈12	14♎47	21♌53	0♒34	19♌39	4♍22	11°R57	27°R42	9°R 3	29°R29	28♑18	27♓12	23°R11	M 1
T 2	0 43 44	9° 0'34	0♉12	16°28	22°53	1° 2	19°50	4°29	11♊56	27♓40	9♉ 2	29♑16	28°15	27°18	23♒10	T 2
W 3	0 47 40	9°59'41	12°17	18° 7	23°54	1°30	20° 0	4°36	11°55	27°39	9° 1	29° 4	28°12	27°25	23° 8	W 3
T 4	0 51 37	10°58'50	24°29	19°46	24°55	1°59	20°11	4°42	11°54	27°37	9° 0	28°54	28° 9	27°32	23° 6	T 4
F 5	0 55 34	11°58'01	6♊52	21°23	25°57	2°28	20°21	4°49	11°53	27°36	8°59	28°46	28° 6	27°39	23° 4	F 5
S 6	0 59 30	12°57'14	19°26	23° 0	26°59	2°57	20°31	4°55	11°52	27°34	8°58	28°42	28° 3	27°45	23° 3	S 6
S 7	1 3 27	13°56'29	2♋16	24°37	28° 1	3°27	20°42	5° 2	11°52	27°32	8°57	28°39	27°59	27°52	23° 1	S 7
M 8	1 7 23	14°55'47	15°24	26°12	29° 3	3°57	20°52	5° 8	11°50	27°31	8°56	28°D39	27°56	27°59	23° 0	M 8
T 9	1 11 20	15°55'08	28°55	27°47	0♍ 6	4°27	21° 2	5°15	11°49	27°29	8°55	28°R39	27°53	28° 5	22°58	T 9
W10	1 15 16	16°54'30	12♌50	29°21	1° 9	4°58	21°12	5°21	11°48	27°28	8°54	28°39	27°50	28°12	22°57	W10
T 11	1 19 13	17°53'55	27°11	0♏54	2°13	5°29	21°22	5°28	11°47	27°26	8°53	28°36	27°47	28°19	22°55	T 11
F 12	1 23 9	18°53'22	11♍56	2°27	3°17	6° 0	21°31	5°34	11°46	27°25	8°52	28°31	27°44	28°26	22°54	F 12
S 13	1 27 6	19°52'52	26°59	3°59	4°21	6°32	21°41	5°40	11°45	27°23	8°51	28°23	27°40	28°32	22°53	S 13
S 14	1 31 3	20°52'23	12♎12	5°30	5°26	7° 4	21°50	5°46	11°43	27°22	8°50	28°13	27°37	28°39	22°52	S 14
M15	1 34 59	21°51'57	27°24	7° 1	6°30	7°36	22° 0	5°52	11°42	27°20	8°49	28° 2	27°34	28°46	22°50	M15
T 16	1 38 56	22°51'32	12♏25	8°31	7°35	8° 8	22° 9	5°58	11°41	27°19	8°47	27°51	27°31	28°52	22°49	T 16
W17	1 42 52	23°51'10	27° 5	10° 0	8°41	8°41	22°18	6° 4	11°39	27°17	8°46	27°41	27°28	28°59	22°48	W17
T 18	1 46 49	24°50'49	11♐18	11°29	9°46	9°14	22°27	6°10	11°38	27°16	8°45	27°33	27°24	29° 6	22°47	T 18
F 19	1 50 45	25°50'31	25° 1	12°57	10°52	9°48	22°36	6°16	11°36	27°14	8°44	27°28	27°21	29°12	22°46	F 19
S 20	1 54 42	26°50'14	8♑15	14°24	11°58	10°21	22°45	6°22	11°35	27°13	8°43	27°25	27°18	29°19	22°46	S 20
S 21	1 58 38	27°49'59	21° 2	15°51	13° 5	10°55	22°54	6°27	11°33	27°12	8°42	27°25	27°15	29°26	22°45	S 21
M22	2 2 35	28°49'45	3♒28	17°16	14°11	11°29	23° 3	6°33	11°31	27°10	8°41	27°25	27°12	29°33	22°44	M22
T 23	2 6 32	29°49'33	15°37	18°41	15°18	12° 3	23°11	6°39	11°30	27° 9	8°40	27°24	27° 9	29°39	22°43	T 23
W24	2 10 28	0♏49'23	27°35	20° 6	16°25	12°38	23°19	6°44	11°28	27° 8	8°39	27°22	27° 5	29°46	22°43	W24
T 25	2 14 25	1°49'14	9♓27	21°29	17°32	13°12	23°28	6°50	11°26	27° 6	8°38	27°17	27° 2	29°53	22°42	T 25
F 26	2 18 21	2°49'07	21°17	22°52	18°40	13°47	23°36	6°55	11°24	27° 5	8°36	27°10	26°59	29°59	22°42	F 26
S 27	2 22 18	3°49'02	3♈ 8	24°14	19°47	14°22	23°44	7° 0	11°23	27° 4	8°35	26°59	26°56	0♈ 6	22°41	S 27
S 28	2 26 14	4°48'59	15° 3	25°34	20°55	14°58	23°52	7° 6	11°21	27° 3	8°34	26°46	26°53	0°13	22°41	S 28
M29	2 30 11	5°48'57	27° 5	26°54	22° 3	15°33	23°59	7°11	11°19	27° 1	8°33	26°32	26°49	0°20	22°41	M29
T 30	2 34 7	6°48'58	9♉14	28°12	23°12	16° 9	24° 7	7°16	11°17	27° 0	8°32	26°18	26°46	0°26	22°41	T 30
W31	2 38 4	7♏49'00	21♉31	29♏30	24♍20	16♒45	24♌14	7♍21	11♊15	26♓59	8♉31	26♑ 5	26♑43	0♈33	22♒40	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s11	11n42	4n56	5s17	0n36	13n 3	1s14	23s35	3s37	15n32	0n38	11n15	1n25	22n11	0s 3	2s10	1s22	1s 6	16s27	20s17	20s31	2n56	7s37	6n32
T 2	3 34	16 15	5 1	6 1	0 29	12 50	1 8	23 26	3 34	15 29	0 38	11 12	1 26	22 11	0 3	2 11	1 22	1 7	16 27	20 19	20 32	2 59	7 38	6 32
W 3	3 58	20 11	4 53	6 46	0 23	12 35	1 2	23 16	3 31	15 26	0 38	11 10	1 26	22 11	0 3	2 11	1 22	1 7	16 28	20 22	20 32	3 2	7 39	6 31
T 4	4 21	23 18	4 32	7 29	0 16	12 21	0 56	23 7	3 28	15 23	0 38	11 8	1 26	22 11	0 3	2 12	1 22	1 8	16 28	20 24	20 33	3 5	7 40	6 31
F 5	4 44	25 23	3 58	8 12	0 9	12 6	0 50	22 57	3 25	15 20	0 39	11 5	1 26	22 11	0 3	2 13	1 22	1 8	16 28	20 25	20 34	3 8	7 41	6 31
S 6	5 7	26 13	3 12	8 55	0 2	11 50	0 44	22 48	3 22	15 16	0 39	11 3	1 26	22 11	0 3	2 13	1 22	1 9	16 28	20 26	20 34	3 11	7 42	6 30
S 7	5 30	25 41	2 15	9 37	0s 5	11 34	0 39	22 38	3 19	15 13	0 39	11 1	1 26	22 10	0 3	2 14	1 22	1 9	16 28	20 27	20 35	3 14	7 42	6 30
M 8	5 53	23 43	1 10	10 18	0 12	11 18	0 33	22 28	3 17	15 10	0 39	10 59	1 27	22 10	0 3	2 14	1 22	1 9	16 28	20 27	20 35	3 17	7 43	6 30
T 9	6 16	20 22	0s 1	10 59	0 19	11 1	0 28	22 18	3 14	15 7	0 39	10 56	1 27	22 10	0 3	2 15	1 22	1 10	16 28	20 27	20 36	3 20	7 44	6 29
W10	6 39	15 47	1 14	11 39	0 26	10 44	0 22	22 7	3 11	15 4	0 39	10 54	1 27	22 10	0 3	2 16	1 22	1 10	16 28	20 27	20 37	3 23	7 45	6 29
T 11	7 2	10 11	2 25	12 18	0 33	10 26	0 17	21 57	3 8	15 1	0 40	10 52	1 27	22 10	0 3	2 16	1 22	1 11	16 29	20 27	20 37	3 26	7 46	6 28
F 12	7 24	3 54	3 27	12 57	0 40	10 8	0 11	21 46	3 5	14 58	0 40	10 50	1 27	22 10	0 3	2 17	1 22	1 11	16 29	20 28	20 38	3 30	7 47	6 28
S 13	7 47	2s44	4 17	13 35	0 46	9 50	0 6	21 36	3 2	14 55	0 40	10 48	1 27	22 10	0 3	2 17	1 22	1 11	16 29	20 30	20 39	3 33	7 47	6 28
S 14	8 9	9 15	4 49	14 12	0 53	9 31	0 1	21 25	3 0	14 52	0 40	10 46	1 28	22 9	0 3	2 18	1 22	1 12	16 29	20 32	20 39	3 36	7 48	6 27
M15	8 32	15 13	5 0	14 49	1 0	9 11	0n 4	21 14	2 57	14 49	0 40	10 43	1 28	22 9	0 3	2 19	1 22	1 12	16 29	20 34	20 40	3 39	7 49	6 27
T 16	8 54	20 11	4 51	15 24	1 7	8 52	0 9	21 3	2 54	14 47	0 41	10 41	1 28	22 9	0 3	2 19	1 22	1 13	16 29	20 37	20 40	3 42	7 50	6 26
W17	9 16	23 46	4 22	15 59	1 13	8 32	0 14	20 51	2 51	14 44	0 41	10 39	1 28	22 9	0 3	2 20	1 22	1 13	16 29	20 39	20 41	3 45	7 50	6 26
T 18	9 38	25 45	3 38	16 33	1 20	8 12	0 18	20 40	2 49	14 41	0 41	10 37	1 28	22 9	0 3	2 20	1 22	1 13	16 29	20 40	20 42	3 48	7 51	6 26
F 19	10 0	26 4	2 42	17 7	1 26	7 51	0 23	20 28	2 46	14 38	0 41	10 35	1 28	22 8	0 3	2 21	1 22	1 14	16 29	20 41	20 42	3 51	7 52	6 25
S 20	10 21	24 51	1 39	17 39	1 33	7 30	0 27	20 17	2 43	14 36	0 41	10 33	1 29	22 8	0 3	2 21	1 22	1 14	16 29	20 42	20 43	3 54	7 52	6 25
S 21	10 43	22 22	0 34	18 10	1 39	7 9	0 32	20 5	2 41	14 33	0 42	10 31	1 29	22 8	0 3	2 22	1 22	1 15	16 29	20 42	20 44	3 57	7 53	6 24
M22	11 4	18 53	0n32	18 41	1 45	6 47	0 36	19 53	2 38	14 30	0 42	10 29	1 29	22 8	0 3	2 23	1 22	1 15	16 29	20 42	20 44	4 0	7 54	6 24
T 23	11 25	14 39	1 35	19 10	1 51	6 25	0 40	19 41	2 35	14 28	0 42	10 28	1 29	22 8	0 3	2 23	1 22	1 15	16 29	20 42	20 45	4 3	7 54	6 23
W24	11 46	9 56	2 32	19 39	1 56	6 3	0 45	19 28	2 33	14 25	0 42	10 26	1 29	22 7	0 3	2 24	1 22	1 16	16 29	20 42	20 45	4 6	7 55	6 23
T 25	12 7	4 54	3 23	20 7	2 2	5 41	0 49	19 16	2 30	14 23	0 42	10 24	1 30	22 7	0 3	2 24	1 22	1 16	16 29	20 43	20 46	4 9	7 55	6 23
F 26	12 28	0n16	4 4	20 33	2 7	5 18	0 53	19 3	2 28	14 20	0 42	10 22	1 30	22 7	0 3	2 25	1 22	1 16	16 29	20 45	20 47	4 12	7 56	6 22
S 27	12 48	5 27	4 35	20 59	2 12	4 55	0 56	18 51	2 25	14 18	0 43	10 20	1 30	22 7	0 3	2 25	1 22	1 17	16 29	20 47	20 47	4 15	7 56	6 22
S 28	13 8	10 27	4 54	21 23	2 17	4 31	1 0	18 38	2 23	14 15	0 43	10 19	1 30	22 6	0 3	2 25	1 22	1 17	16 29	20 49	20 48	4 18	7 57	6 21
M29	13 28	15 6	5 0	21 46	2 21	4 8	1 4	18 25	2 20	14 13	0 43	10 17	1 30	22 6	0 3	2 26	1 22	1 17	16 29	20 52	20 49	4 21	7 57	6 21
T 30	13 48	19 12	4 52	22 8	2 26	3 44	1 7	18 12	2 18	14 10	0 43	10 15	1 31	22 6	0 3	2 26	1 22	1 18	16 29	20 55	20 49	4 24	7 58	6 20
W31	14s 8	22n31	4n31	22s29	2s29	3n20	1n11	17s59	2s15	14n 8	0n43	10n13	1n31	22n 6	0s 3	2s27	1s22	1s18	16s29	20s57	20s50	4n27	7s58	6n20

Julian Day Number = 2400684.5, Delta T = 8.95 sec
Ecliptic obliquity = 23°27'32, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°47'45, Lahiri = 21°54'45

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ASTRODIENST EPHEMERIS for the year 1860
geocentric

NOVEMBER 1860 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 42 1	8♏49'04	3♊56	0♐45	25♍29	17♒21	24♌22	7♍26	11°R13	26°R58	8°R30	25°R54	26♑40	0♈40	22°R40	T 1
F 2	2 45 57	9°49'11	16°31	2° 0	26°37	17°57	24°29	7°31	11♊11	26♓57	8♉29	25♑45	26°37	0°46	22°D40	F 2
S 3	2 49 54	10°49'19	29°17	3°12	27°47	18°34	24°36	7°35	11° 9	26°56	8°27	25°40	26°34	0°53	22♒40	S 3
S 4	2 53 50	11°49'29	12♋15	4°23	28°56	19°10	24°43	7°40	11° 7	26°55	8°26	25°37	26°30	1° 0	22°41	S 4
M 5	2 57 47	12°49'42	25°27	5°32	0♎ 5	19°47	24°50	7°45	11° 5	26°53	8°25	25°D36	26°27	1° 6	22°41	M 5
T 6	3 1 43	13°49'56	8♌55	6°38	1°15	20°24	24°56	7°49	11° 2	26°52	8°24	25°R37	26°24	1°13	22°41	T 6
W 7	3 5 40	14°50'13	22°43	7°42	2°24	21° 1	25° 3	7°54	11° 0	26°51	8°23	25°36	26°21	1°20	22°41	W 7
T 8	3 9 36	15°50'31	6♍49	8°43	3°34	21°38	25° 9	7°58	10°58	26°51	8°22	25°35	26°18	1°27	22°42	T 8
F 9	3 13 33	16°50'52	21°15	9°41	4°44	22°15	25°15	8° 2	10°56	26°50	8°21	25°31	26°15	1°33	22°42	F 9
S 10	3 17 30	17°51'14	5♎57	10°34	5°54	22°53	25°21	8° 6	10°54	26°49	8°20	25°24	26°11	1°40	22°42	S 10
S 11	3 21 26	18°51'38	20°49	11°24	7° 5	23°31	25°27	8°10	10°51	26°48	8°18	25°15	26° 8	1°47	22°43	S 11
M12	3 25 23	19°52'04	5♏44	12° 9	8°15	24° 8	25°33	8°14	10°49	26°47	8°17	25° 5	26° 5	1°53	22°44	M12
T 13	3 29 19	20°52'32	20°32	12°49	9°26	24°46	25°38	8°18	10°47	26°46	8°16	24°54	26° 2	2° 0	22°44	T 13
W14	3 33 16	21°53'02	5♐ 5	13°23	10°37	25°24	25°43	8°22	10°44	26°45	8°15	24°45	25°59	2° 7	22°45	W14
T 15	3 37 12	22°53'33	19°15	13°50	11°47	26° 2	25°49	8°26	10°42	26°45	8°14	24°38	25°55	2°14	22°46	T 15
F 16	3 41 9	23°54'06	3♑ 0	14°11	12°58	26°41	25°54	8°29	10°40	26°44	8°13	24°33	25°52	2°20	22°47	F 16
S 17	3 45 5	24°54'40	16°17	14°23	14° 9	27°19	25°59	8°33	10°37	26°43	8°12	24°31	25°49	2°27	22°48	S 17
S 18	3 49 2	25°55'15	29° 9	14°R26	15°21	27°58	26° 3	8°36	10°35	26°42	8°11	24°D31	25°46	2°34	22°49	S 18
M19	3 52 59	26°55'51	11♒39	14°20	16°32	28°36	26° 8	8°40	10°32	26°42	8°10	24°32	25°43	2°40	22°50	M19
T 20	3 56 55	27°56'29	23°51	14° 3	17°43	29°15	26°12	8°43	10°30	26°41	8° 9	24°R33	25°40	2°47	22°51	T 20
W21	4 0 52	28°57'08	5♓51	13°37	18°55	29°54	26°16	8°46	10°27	26°41	8° 8	24°32	25°36	2°54	22°52	W21
T 22	4 4 48	29°57'47	17°44	12°59	20° 7	0♈33	26°20	8°49	10°25	26°40	8° 7	24°30	25°33	3° 1	22°53	T 22
F 23	4 8 45	0♐58'28	29°34	12°11	21°18	1°12	26°24	8°52	10°22	26°40	8° 6	24°26	25°30	3° 7	22°55	F 23
S 24	4 12 41	1°59'10	11♈27	11°12	22°30	1°51	26°28	8°55	10°20	26°39	8° 5	24°20	25°27	3°14	22°56	S 24
S 25	4 16 38	2°59'53	23°26	10° 5	23°42	2°30	26°31	8°58	10°17	26°39	8° 4	24°11	25°24	3°21	22°57	S 25
M26	4 20 34	4° 0'38	5♉34	8°51	24°54	3° 9	26°34	9° 0	10°15	26°38	8° 3	24° 2	25°21	3°27	22°59	M26
T 27	4 24 31	5° 1'23	17°53	7°31	26° 6	3°49	26°38	9° 3	10°12	26°38	8° 2	23°52	25°17	3°34	23° 0	T 27
W28	4 28 28	6° 2'10	0♊23	6° 9	27°18	4°28	26°40	9° 5	10°10	26°37	8° 1	23°43	25°14	3°41	23° 2	W28
T 29	4 32 24	7° 2'58	13° 6	4°46	28°31	5° 8	26°43	9° 8	10° 7	26°37	8° 0	23°35	25°11	3°48	23° 4	T 29
F 30	4 36 21	8♐ 3'47	26♊ 1	3♐27	29♎43	5♓47	26♌46	9♍10	10♊ 5	26♓37	7♉59	23♑30	25♑ 8	3♈54	23♒ 5	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14 s27	24n50	3n57	22 s49	2 s33	2n56	1n14	17 s45	2 s13	14n 6	0n44	10n12	1n31	22n 5	0 s 3	2 s27	1 s22	1 s18	16 s29	20 s59	20 s50	4n30	7 s59	6n20
F 2	14 46	25 57	3 11	23 7	2 36	2 31	1 17	17 32	2 10	14 4	0 44	10 10	1 31	22 5	0 3	2 28	1 21	1 19	16 29	21 1	20 51	4 33	7 59	6 19
S 3	15 5	25 42	2 15	23 25	2 39	2 7	1 20	17 18	2 8	14 2	0 44	10 9	1 31	22 5	0 3	2 28	1 21	1 19	16 29	21 2	20 52	4 36	8 0	6 19
S 4	15 24	24 4	1 10	23 40	2 41	1 42	1 23	17 5	2 6	13 59	0 44	10 7	1 32	22 5	0 3	2 29	1 21	1 19	16 29	21 2	20 52	4 39	8 0	6 18
M 5	15 42	21 5	0 1	23 55	2 43	1 17	1 26	16 51	2 3	13 57	0 45	10 5	1 32	22 4	0 3	2 29	1 21	1 20	16 29	21 2	20 53	4 42	8 0	6 18
T 6	16 0	16 55	1 s10	24 7	2 44	0 52	1 29	16 37	2 1	13 55	0 45	10 4	1 32	22 4	0 3	2 29	1 21	1 20	16 29	21 2	20 53	4 46	8 1	6 17
W 7	16 18	11 46	2 19	24 19	2 44	0 27	1 32	16 23	1 59	13 53	0 45	10 3	1 32	22 4	0 3	2 30	1 21	1 20	16 29	21 2	20 54	4 49	8 1	6 17
T 8	16 36	5 55	3 20	24 29	2 44	0 1	1 34	16 9	1 57	13 52	0 45	10 1	1 32	22 3	0 3	2 30	1 21	1 20	16 29	21 3	20 55	4 52	8 1	6 16
F 9	16 53	0 s22	4 11	24 37	2 44	0 s24	1 37	15 54	1 54	13 50	0 45	10 0	1 33	22 3	0 3	2 30	1 21	1 21	16 29	21 3	20 55	4 55	8 2	6 16
S 10	17 10	6 44	4 46	24 43	2 42	0 50	1 39	15 40	1 52	13 48	0 46	9 58	1 33	22 3	0 3	2 31	1 21	1 21	16 29	21 5	20 56	4 58	8 2	6 16
S 11	17 27	12 47	5 2	24 48	2 40	1 16	1 41	15 25	1 50	13 46	0 46	9 57	1 33	22 2	0 3	2 31	1 21	1 21	16 29	21 6	20 56	5 1	8 2	6 15
M12	17 43	18 7	4 57	24 51	2 36	1 42	1 43	15 11	1 48	13 44	0 46	9 56	1 33	22 2	0 3	2 31	1 21	1 22	16 29	21 8	20 57	5 4	8 2	6 15
T 13	17 59	22 17	4 33	24 52	2 32	2 8	1 45	14 56	1 45	13 43	0 46	9 54	1 34	22 2	0 3	2 32	1 21	1 22	16 29	21 10	20 58	5 7	8 3	6 14
W14	18 15	24 57	3 52	24 51	2 27	2 34	1 47	14 41	1 43	13 41	0 47	9 53	1 34	22 1	0 3	2 32	1 21	1 22	16 29	21 12	20 58	5 10	8 3	6 14
T 15	18 31	25 57	2 56	24 48	2 20	3 0	1 49	14 26	1 41	13 40	0 47	9 52	1 34	22 1	0 3	2 32	1 21	1 22	16 29	21 13	20 59	5 13	8 3	6 13
F 16	18 46	25 18	1 52	24 43	2 13	3 26	1 51	14 11	1 39	13 38	0 47	9 51	1 34	22 1	0 3	2 32	1 21	1 22	16 28	21 14	20 59	5 16	8 3	6 13
S 17	19 1	23 11	0 44	24 35	2 3	3 52	1 52	13 56	1 37	13 37	0 47	9 50	1 34	22 0	0 3	2 33	1 21	1 23	16 28	21 14	21 0	5 19	8 3	6 12
S 18	19 15	19 56	0n25	24 25	1 53	4 18	1 54	13 41	1 35	13 35	0 47	9 49	1 35	22 0	0 3	2 33	1 21	1 23	16 28	21 14	21 1	5 22	8 3	6 12
M19	19 29	15 51	1 30	24 12	1 41	4 44	1 55	13 25	1 33	13 34	0 48	9 48	1 35	22 0	0 3	2 33	1 21	1 23	16 28	21 14	21 1	5 25	8 3	6 12
T 20	19 43	11 13	2 30	23 57	1 27	5 10	1 56	13 10	1 31	13 33	0 48	9 47	1 35	21 59	0 3	2 33	1 21	1 23	16 28	21 14	21 2	5 28	8 3	6 11
W21	19 56	6 14	3 23	23 38	1 12	5 36	1 58	12 54	1 29	13 32	0 48	9 46	1 35	21 59	0 3	2 34	1 21	1 23	16 28	21 14	21 2	5 31	8 4	6 11
T 22	20 10	1 5	4 6	23 17	0 55	6 2	1 59	12 38	1 27	13 30	0 48	9 45	1 36	21 59	0 3	2 34	1 21	1 24	16 28	21 14	21 3	5 33	8 4	6 10
F 23	20 22	4n 5	4 38	22 53	0 37	6 28	2 0	12 23	1 25	13 29	0 49	9 44	1 36	21 58	0 3	2 34	1 21	1 24	16 28	21 15	21 3	5 36	8 4	6 10
S 24	20 35	9 7	4 58	22 26	0 18	6 54	2 0	12 7	1 23	13 28	0 49	9 43	1 36	21 58	0 3	2 34	1 21	1 24	16 27	21 16	21 4	5 39	8 4	6 9
S 25	20 46	13 51	5 6	21 57	0n 2	7 20	2 1	11 51	1 21	13 27	0 49	9 42	1 36	21 58	0 3	2 34	1 21	1 24	16 27	21 18	21 5	5 42	8 3	6 9
M26	20 58	18 6	5 0	21 25	0 22	7 46	2 2	11 35	1 19	13 26	0 49	9 41	1 37	21 57	0 3	2 34	1 21	1 24	16 27	21 19	21 5	5 45	8 3	6 9
T 27	21 9	21 39	4 40	20 53	0 43	8 11	2 2	11 19	1 17	13 26	0 50	9 41	1 37	21 57	0 3	2 34	1 21	1 24	16 27	21 21	21 6	5 48	8 3	6 8
W28	21 20	24 16	4 6	20 19	1 3	8 37	2 3	11 3	1 15	13 25	0 50	9 40	1 37	21 57	0 3	2 35	1 21	1 25	16 27	21 22	21 6	5 51	8 3	6 8
T 29	21 30	25 42	3 20	19 46	1 22	9 2	2 3	10 46	1 13	13 24	0 50	9 39	1 37	21 56	0 3	2 35	1 21	1 25	16 27	21 24	21 7	5 54	8 3	6 7
F 30	21 s40	25n46	2n23	19 s14	1n39	9 s27	2n 3	10 s30	1 s11	13n24	0n50	9n39	1n38	21n56	0 s 3	2 s35	1 s21	1 s25	16 s26	21 s25	21 s 7	5n57	8 s 3	6n 7

Julian Day Number = 2400715.5, Delta T = 8.95 sec
Ecliptic obliquity = 23°27'31, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°47'49, Lahiri = 21°54'49

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ASTRODIENST EPHEMERIS for the year 1860
geocentric

DECEMBER 1860 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 40 17	9♐ 4'38	9♋ 7	2°R13	0♏56	6♓27	26♌48	9♍12	10°R 2	26°R37	7°R58	23°R27	25♑ 5	4♈ 1	23♒ 7	S 1
S 2	4 44 14	10° 5'29	22°25	1♐ 7	2° 8	7° 7	26°50	9°14	10♊ 0	26♓36	7♉57	23°D26	25° 1	4° 8	23° 9	S 2
M 3	4 48 10	11° 6'22	5♌53	0°10	3°21	7°47	26°52	9°16	9°57	26°36	7°56	23♑26	24°58	4°14	23°11	M 3
T 4	4 52 7	12° 7'16	19°32	29♏24	4°34	8°27	26°54	9°18	9°55	26°36	7°55	23°28	24°55	4°21	23°13	T 4
W 5	4 56 3	13° 8'12	3♍23	28°49	5°46	9° 7	26°56	9°20	9°52	26°36	7°54	23°29	24°52	4°28	23°15	W 5
T 6	5 0 0	14° 9'09	17°25	28°26	6°59	9°47	26°57	9°21	9°50	26°36	7°53	23°R29	24°49	4°35	23°17	T 6
F 7	5 3 57	15°10'07	1♎37	28°14	8°12	10°27	26°58	9°23	9°47	26°36	7°52	23°28	24°46	4°41	23°19	F 7
S 8	5 7 53	16°11'06	15°58	28°D12	9°25	11° 7	26°59	9°24	9°44	26°D36	7°51	23°25	24°42	4°48	23°21	S 8
S 9	5 11 50	17°12'06	0♏24	28°21	10°38	11°47	27° 0	9°25	9°42	26°36	7°51	23°21	24°39	4°55	23°23	S 9
M10	5 15 46	18°13'08	14°50	28°38	11°52	12°27	27° 1	9°27	9°39	26°36	7°50	23°15	24°36	5° 1	23°26	M10
T 11	5 19 43	19°14'10	29°11	29° 4	13° 5	13° 7	27° 1	9°28	9°37	26°36	7°49	23° 9	24°33	5° 8	23°28	T 11
W12	5 23 39	20°15'14	13♐21	29°38	14°18	13°48	27° 2	9°28	9°34	26°36	7°48	23° 4	24°30	5°15	23°30	W12
T 13	5 27 36	21°16'18	27°15	0♐19	15°31	14°28	27°R 2	9°29	9°32	26°36	7°47	23° 1	24°27	5°22	23°33	T 13
F 14	5 31 32	22°17'23	10♑49	1° 5	16°45	15° 9	27° 2	9°30	9°30	26°37	7°47	22°58	24°23	5°28	23°35	F 14
S 15	5 35 29	23°18'29	24° 2	1°57	17°58	15°49	27° 1	9°31	9°27	26°37	7°46	22°D58	24°20	5°35	23°38	S 15
S 16	5 39 26	24°19'35	6♒53	2°53	19°12	16°30	27° 1	9°31	9°25	26°37	7°45	22°58	24°17	5°42	23°40	S 16
M17	5 43 22	25°20'41	19°25	3°54	20°25	17°10	27° 0	9°32	9°22	26°37	7°44	23° 0	24°14	5°48	23°43	M17
T 18	5 47 19	26°21'48	1♓40	4°58	21°39	17°51	26°59	9°32	9°20	26°38	7°44	23° 2	24°11	5°55	23°46	T 18
W19	5 51 15	27°22'55	13°42	6° 5	22°53	18°32	26°58	9°32	9°17	26°38	7°43	23° 3	24° 7	6° 2	23°48	W19
T 20	5 55 12	28°24'02	25°37	7°15	24° 6	19°12	26°57	9°R32	9°15	26°38	7°42	23°R 4	24° 4	6° 9	23°51	T 20
F 21	5 59 8	29°25'09	7♈29	8°28	25°20	19°53	26°55	9°32	9°13	26°39	7°42	23° 4	24° 1	6°15	23°54	F 21
S 22	6 3 5	0♑26'16	19°22	9°42	26°34	20°34	26°53	9°32	9°10	26°39	7°41	23° 2	23°58	6°22	23°57	S 22
S 23	6 7 1	1°27'24	1♉23	10°59	27°48	21°15	26°51	9°31	9° 8	26°40	7°40	23° 0	23°55	6°29	24° 0	S 23
M24	6 10 58	2°28'32	13°33	12°17	29° 1	21°55	26°49	9°31	9° 6	26°40	7°40	22°57	23°52	6°35	24° 3	M24
T 25	6 14 55	3°29'40	25°58	13°36	0♐15	22°36	26°47	9°31	9° 4	26°41	7°39	22°54	23°48	6°42	24° 6	T 25
W26	6 18 51	4°30'48	8♊39	14°57	1°29	23°17	26°45	9°30	9° 1	26°42	7°39	22°51	23°45	6°49	24° 9	W26
T 27	6 22 48	5°31'56	21°36	16°19	2°43	23°58	26°42	9°29	8°59	26°42	7°38	22°48	23°42	6°56	24°12	T 27
F 28	6 26 44	6°33'04	4♋51	17°42	3°57	24°39	26°39	9°28	8°57	26°43	7°38	22°47	23°39	7° 2	24°15	F 28
S 29	6 30 41	7°34'13	18°22	19° 6	5°11	25°20	26°36	9°27	8°55	26°44	7°37	22°D46	23°36	7° 9	24°18	S 29
S 30	6 34 37	8°35'21	2♌ 6	20°31	6°25	26° 1	26°33	9°26	8°53	26°44	7°37	22°46	23°33	7°16	24°21	S 30
M31	6 38 34	9♑36'30	16♌ 2	21♐57	7♐39	26♓42	26♌29	9♍25	8♊51	26♓45	7♉36	22♑47	23♑29	7♈23	24♒25	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21s50	24n25	1n17	18s44	1n55	9s52	2n 4	10s14	1s10	13n23	0n51	9n38	1n38	21n56	0s 3	2s35	1s21	1s25	16s26	21s25	21s 8	6n 0	8s 3	6n 6	S 1
S 2	21 59	21 41	0 6	18 18	2 9	10 17	2 4	9 57	1 8	13 22	0 51	9 38	1 38	21 55	0 3	2 35	1 21	1 25	16 26	21 25	21 9	6 3	8 2	6 6	S 2
M 3	22 8	17 44	1s 7	17 55	2 20	10 42	2 4	9 41	1 6	13 22	0 51	9 37	1 38	21 55	0 3	2 35	1 20	1 25	16 26	21 25	21 9	6 6	8 2	6 6	M 3
T 4	22 16	12 48	2 17	17 36	2 30	11 7	2 3	9 24	1 4	13 22	0 51	9 37	1 39	21 54	0 3	2 35	1 20	1 25	16 26	21 25	21 10	6 9	8 2	6 5	T 4
W 5	22 24	7 10	3 20	17 22	2 37	11 31	2 3	9 8	1 2	13 21	0 52	9 36	1 39	21 54	0 3	2 35	1 20	1 25	16 25	21 25	21 10	6 12	8 2	6 5	W 5
T 6	22 31	1 7	4 11	17 12	2 42	11 55	2 3	8 51	1 1	13 21	0 52	9 36	1 39	21 54	0 3	2 35	1 20	1 25	16 25	21 25	21 11	6 15	8 1	6 4	T 6
F 7	22 38	5s 3	4 49	17 6	2 45	12 19	2 2	8 34	0 59	13 21	0 52	9 36	1 39	21 53	0 3	2 35	1 20	1 25	16 25	21 25	21 11	6 18	8 1	6 4	F 7
S 8	22 44	11 1	5 8	17 5	2 46	12 43	2 2	8 17	0 57	13 21	0 52	9 35	1 40	21 53	0 3	2 35	1 20	1 25	16 25	21 26	21 12	6 21	8 1	6 4	S 8
S 9	22 51	16 26	5 8	17 7	2 46	13 6	2 1	8 0	0 56	13 21	0 53	9 35	1 40	21 53	0 3	2 35	1 20	1 25	16 24	21 26	21 13	6 24	8 1	6 3	S 9
M10	22 56	20 54	4 49	17 12	2 44	13 29	2 1	7 43	0 54	13 21	0 53	9 35	1 40	21 52	0 3	2 35	1 20	1 25	16 24	21 27	21 13	6 27	8 0	6 3	M10
T 11	23 1	24 5	4 12	17 21	2 41	13 52	2 0	7 26	0 52	13 21	0 53	9 35	1 40	21 52	0 3	2 35	1 20	1 25	16 24	21 28	21 14	6 30	8 0	6 3	T 11
W12	23 6	25 43	3 19	17 31	2 37	14 15	1 59	7 9	0 51	13 21	0 53	9 35	1 41	21 52	0 3	2 35	1 20	1 25	16 24	21 29	21 14	6 33	7 59	6 2	W12
T 13	23 10	25 42	2 16	17 44	2 33	14 37	1 58	6 52	0 49	13 21	0 54	9 35	1 41	21 51	0 3	2 35	1 20	1 25	16 23	21 30	21 15	6 36	7 59	6 2	T 13
F 14	23 14	24 7	1 6	17 59	2 27	14 59	1 57	6 35	0 47	13 21	0 54	9 34	1 41	21 51	0 3	2 34	1 20	1 25	16 23	21 30	21 15	6 39	7 58	6 1	F 14
S 15	23 17	21 13	0n 6	18 15	2 21	15 20	1 56	6 18	0 46	13 22	0 54	9 34	1 41	21 50	0 3	2 34	1 20	1 25	16 23	21 30	21 16	6 42	7 58	6 1	S 15
S 16	23 20	17 21	1 16	18 33	2 15	15 42	1 55	6 1	0 44	13 22	0 54	9 35	1 42	21 50	0 3	2 34	1 20	1 25	16 23	21 30	21 17	6 44	7 58	6 1	S 16
M17	23 23	12 48	2 20	18 51	2 8	16 2	1 54	5 43	0 43	13 23	0 55	9 35	1 42	21 50	0 3	2 34	1 20	1 25	16 22	21 30	21 17	6 47	7 57	6 0	M17
T 18	23 24	7 50	3 17	19 10	2 1	16 23	1 52	5 26	0 41	13 23	0 55	9 35	1 42	21 49	0 3	2 34	1 20	1 25	16 22	21 29	21 18	6 50	7 56	6 0	T 18
W19	23 26	2 40	4 3	19 29	1 53	16 43	1 51	5 9	0 40	13 24	0 55	9 35	1 42	21 49	0 3	2 34	1 20	1 25	16 22	21 29	21 18	6 53	7 56	6 0	W19
T 20	23 27	2n32	4 39	19 48	1 46	17 3	1 49	4 52	0 38	13 25	0 55	9 35	1 43	21 49	0 3	2 33	1 20	1 25	16 22	21 29	21 19	6 56	7 55	5 59	T 20
F 21	23 27	7 36	5 3	20 7	1 38	17 22	1 48	4 34	0 37	13 25	0 56	9 35	1 43	21 48	0 3	2 33	1 20	1 25	16 21	21 29	21 19	6 59	7 55	5 59	F 21
S 22	23 27	12 25	5 14	20 27	1 30	17 41	1 46	4 17	0 35	13 26	0 56	9 36	1 43	21 48	0 3	2 33	1 20	1 25	16 21	21 29	21 20	7 2	7 54	5 59	S 22
S 23	23 27	16 49	5 11	20 45	1 22	17 59	1 45	3 59	0 34	13 27	0 56	9 36	1 43	21 48	0 3	2 33	1 20	1 25	16 21	21 30	21 20	7 5	7 54	5 58	S 23
M24	23 26	20 36	4 55	21 4	1 14	18 17	1 43	3 42	0 32	13 28	0 56	9 36	1 44	21 47	0 3	2 32	1 20	1 25	16 20	21 30	21 21	7 8	7 53	5 58	M24
T 25	23 25	23 32	4 24	21 22	1 6	18 34	1 41	3 24	0 31	13 29	0 57	9 37	1 44	21 47	0 3	2 32	1 20	1 25	16 20	21 31	21 22	7 11	7 52	5 58	T 25
W26	23 23	25 23	3 40	21 39	0 57	18 51	1 39	3 7	0 29	13 30	0 57	9 37	1 44	21 47	0 3	2 32	1 20	1 25	16 20	21 31	21 22	7 14	7 52	5 57	W26
T 27	23 21	25 55	2 44	21 56	0 49	19 8	1 37	2 49	0 28	13 31	0 57	9 38	1 44	21 46	0 3	2 32	1 20	1 24	16 19	21 32	21 23	7 17	7 51	5 57	T 27
F 28	23 18	24 59	1 37	22 12	0 41	19 24	1 35	2 32	0 26	13 32	0 57	9 38	1 45	21 46	0 3	2 31	1 19	1 24	16 19	21 32	21 23	7 19	7 50	5 57	F 28
S 29	23 15	22 36	0 24	22 28	0 33	19 39	1 33	2 14	0 25	13 34	0 58	9 39	1 45	21 46	0 3	2 31	1 19	1 24	16 19	21 32	21 24	7 22	7 49	5 56	S 29
S 30	23 11	18 52	0s51	22 42	0 25	19 54	1 31	1 57	0 24	13 35	0 58	9 40	1 45	21 45	0 3	2 31	1 19	1 24	16 19	21 32	21 24	7 25	7 49	5 56	S 30
M31	23s 7	14n 3	2s 5	22s55	0n18	20s 8	1n29	1s39	0s22	13n36	0n58	9n40	1n45	21n45	0s 3	2s30	1s19	1s24	16s18	21s32	21s25	7n28	7s48	5n56	M31

Julian Day Number = 2400745.5, Delta T = 8.95 sec
Ecliptic obliquity = 23°27'30, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°47'53, Lahiri = 21°54'54

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1861
geocentric

JANUARY 1861 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 42 31	10♑37'39	0♍ 6	23♐23	8♐53	27♓23	26°R26	9°R24	8°R49	26♓46	7°R36	22♑48	23♑26	7♈29	24♒28	T 1
W 2	6 46 27	11°38'48	14°15	24°50	10° 8	28° 4	26♌22	9♍23	8♊46	26°47	7♉35	22°49	23°23	7°36	24°31	W 2
T 3	6 50 24	12°39'57	28°26	26°18	11°22	28°45	26°18	9°21	8°44	26°48	7°35	22°50	23°20	7°43	24°35	T 3
F 4	6 54 20	13°41'07	12♎38	27°46	12°36	29°26	26°14	9°19	8°43	26°49	7°35	22°R50	23°17	7°49	24°38	F 4
S 5	6 58 17	14°42'16	26°48	29°15	13°50	0♈ 7	26°10	9°18	8°41	26°50	7°34	22°50	23°13	7°56	24°42	S 5
S 6	7 2 13	15°43'26	10♏54	0♑44	15° 4	0°48	26° 5	9°16	8°39	26°51	7°34	22°49	23°10	8° 3	24°45	S 6
M 7	7 6 10	16°44'37	24°53	2°14	16°19	1°29	26° 0	9°14	8°37	26°52	7°34	22°49	23° 7	8°10	24°49	M 7
T 8	7 10 6	17°45'47	8♐44	3°45	17°33	2°10	25°56	9°12	8°35	26°53	7°33	22°48	23° 4	8°16	24°52	T 8
W 9	7 14 3	18°46'57	22°25	5°15	18°47	2°51	25°51	9°10	8°33	26°54	7°33	22°47	23° 1	8°23	24°56	W 9
T 10	7 18 0	19°48'07	5♑52	6°47	20° 2	3°32	25°45	9° 8	8°32	26°55	7°33	22°47	22°58	8°30	24°59	T 10
F 11	7 21 56	20°49'17	19° 5	8°19	21°16	4°13	25°40	9° 5	8°30	26°56	7°33	22°D47	22°54	8°36	25° 3	F 11
S 12	7 25 53	21°50'26	2♒ 3	9°51	22°31	4°55	25°35	9° 3	8°28	26°57	7°32	22°47	22°51	8°43	25° 7	S 12
S 13	7 29 49	22°51'34	14°45	11°24	23°45	5°36	25°29	9° 0	8°27	26°58	7°32	22°R47	22°48	8°50	25°10	S 13
M14	7 33 46	23°52'43	27°12	12°57	24°59	6°17	25°23	8°58	8°25	27° 0	7°32	22°47	22°45	8°57	25°14	M14
T 15	7 37 42	24°53'50	9♓26	14°31	26°14	6°58	25°17	8°55	8°23	27° 1	7°32	22°47	22°42	9° 3	25°18	T 15
W16	7 41 39	25°54'57	21°28	16° 5	27°28	7°39	25°11	8°52	8°22	27° 2	7°32	22°46	22°39	9°10	25°22	W16
T 17	7 45 35	26°56'03	3♈24	17°40	28°43	8°20	25° 5	8°49	8°20	27° 4	7°32	22°46	22°35	9°17	25°25	T 17
F 18	7 49 32	27°57'08	15°16	19°15	29°57	9° 1	24°59	8°47	8°19	27° 5	7°32	22°45	22°32	9°23	25°29	F 18
S 19	7 53 29	28°58'12	27° 9	20°51	1♑12	9°43	24°52	8°43	8°18	27° 6	7°31	22°D45	22°29	9°30	25°33	S 19
S 20	7 57 25	29°59'15	9♉ 8	22°28	2°26	10°24	24°46	8°40	8°16	27° 8	7°31	22°45	22°26	9°37	25°37	S 20
M21	8 1 22	1♒ 0'17	21°17	24° 5	3°41	11° 5	24°39	8°37	8°15	27° 9	7°D31	22°46	22°23	9°44	25°41	M21
T 22	8 5 18	2° 1'19	3♊41	25°43	4°55	11°46	24°32	8°34	8°14	27°11	7°31	22°47	22°19	9°50	25°45	T 22
W23	8 9 15	3° 2'19	16°24	27°21	6°10	12°27	24°26	8°30	8°13	27°12	7°31	22°48	22°16	9°57	25°49	W23
T 24	8 13 11	4° 3'18	29°28	29° 0	7°24	13° 8	24°19	8°27	8°12	27°14	7°32	22°49	22°13	10° 4	25°53	T 24
F 25	8 17 8	5° 4'17	12♋55	0♒39	8°39	13°49	24°12	8°23	8°11	27°15	7°32	22°49	22°10	10°11	25°57	F 25
S 26	8 21 4	6° 5'14	26°45	2°19	9°53	14°31	24° 4	8°20	8° 9	27°17	7°32	22°R50	22° 7	10°17	26° 1	S 26
S 27	8 25 1	7° 6'10	10♌54	4° 0	11° 8	15°12	23°57	8°16	8° 9	27°18	7°32	22°49	22° 4	10°24	26° 5	S 27
M28	8 28 58	8° 7'06	25°19	5°42	12°23	15°53	23°50	8°12	8° 8	27°20	7°32	22°48	22° 0	10°31	26° 9	M28
T 29	8 32 54	9° 8'00	9♍53	7°24	13°37	16°34	23°42	8° 8	8° 7	27°21	7°32	22°46	21°57	10°37	26°13	T 29
W30	8 36 51	10° 8'53	24°31	9° 7	14°52	17°15	23°35	8° 5	8° 6	27°23	7°32	22°43	21°54	10°44	26°17	W30
T 31	8 40 47	11♒ 9'46	9♎ 5	10♒50	16♑ 6	17♈56	23♌27	8♍ 1	8♊ 5	27♓25	7♉33	22♑41	21♑51	10♈51	26♒21	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 2	8n27	3s12	23s 8	0n10	20s22	1n27	1s22	0s21	13n38	0n58	9n41	1n46	21n45	0s 3	2s30	1s19	1s24	16s18	21s32	21s25	7n31	7s47	5n55
W 2	22 57	2 23	4 8	23 19	0 2	20 35	1 25	1 4	0 20	13 39	0 59	9 42	1 46	21 44	0 3	2 30	1 19	1 23	16 18	21 32	21 26	7 34	7 46	5 55
T 3	22 51	3s47	4 49	23 30	0s 5	20 48	1 22	0 47	0 18	13 41	0 59	9 43	1 46	21 44	0 2	2 29	1 19	1 23	16 17	21 31	21 26	7 37	7 45	5 55
F 4	22 45	9 47	5 12	23 39	0 13	21 0	1 20	0 29	0 17	13 43	0 59	9 43	1 46	21 44	0 2	2 29	1 19	1 23	16 17	21 31	21 27	7 40	7 45	5 55
S 5	22 39	15 15	5 16	23 47	0 20	21 12	1 18	0 12	0 16	13 44	0 59	9 44	1 47	21 44	0 2	2 28	1 19	1 23	16 17	21 31	21 27	7 43	7 44	5 54
S 6	22 32	19 52	5 1	23 54	0 27	21 23	1 15	0n 6	0 15	13 46	1 0	9 45	1 47	21 43	0 2	2 28	1 19	1 23	16 16	21 32	21 28	7 45	7 43	5 54
M 7	22 25	23 21	4 29	24 0	0 34	21 33	1 13	0 23	0 13	13 48	1 0	9 46	1 47	21 43	0 2	2 28	1 19	1 22	16 16	21 32	21 29	7 48	7 42	5 54
T 8	22 17	25 24	3 41	24 5	0 40	21 42	1 10	0 41	0 12	13 50	1 0	9 47	1 47	21 43	0 2	2 27	1 19	1 22	16 16	21 32	21 29	7 51	7 41	5 54
W 9	22 8	25 55	2 41	24 8	0 47	21 52	1 8	0 58	0 11	13 52	1 0	9 48	1 48	21 42	0 2	2 27	1 19	1 22	16 15	21 32	21 30	7 54	7 40	5 53
T 10	22 0	24 52	1 32	24 10	0 53	22 0	1 5	1 16	0 10	13 54	1 1	9 49	1 48	21 42	0 2	2 26	1 19	1 22	16 15	21 32	21 30	7 57	7 39	5 53
F 11	21 51	22 26	0 20	24 11	0 59	22 8	1 3	1 33	0 9	13 56	1 1	9 50	1 48	21 42	0 2	2 26	1 19	1 21	16 15	21 32	21 31	8 0	7 38	5 53
S 12	21 41	18 53	0n51	24 10	1 5	22 15	1 0	1 50	0 7	13 58	1 1	9 51	1 48	21 42	0 2	2 25	1 19	1 21	16 14	21 32	21 31	8 3	7 37	5 53
S 13	21 31	14 32	1 59	24 9	1 11	22 21	0 57	2 8	0 6	14 0	1 1	9 53	1 49	21 41	0 2	2 25	1 19	1 21	16 14	21 32	21 32	8 5	7 36	5 52
M14	21 21	9 38	3 0	24 5	1 16	22 27	0 55	2 25	0 5	14 2	1 1	9 54	1 49	21 41	0 2	2 24	1 19	1 21	16 14	21 32	21 32	8 8	7 35	5 52
T 15	21 10	4 28	3 51	24 1	1 21	22 32	0 52	2 42	0 4	14 4	1 2	9 55	1 49	21 41	0 2	2 24	1 19	1 20	16 13	21 32	21 33	8 11	7 34	5 52
W16	20 59	0n46	4 31	23 55	1 26	22 37	0 49	3 0	0 3	14 6	1 2	9 56	1 49	21 41	0 2	2 23	1 19	1 20	16 13	21 32	21 33	8 14	7 33	5 52
T 17	20 47	5 56	4 59	23 48	1 31	22 40	0 47	3 17	0 2	14 9	1 2	9 57	1 49	21 41	0 2	2 23	1 19	1 20	16 12	21 32	21 34	8 17	7 32	5 51
F 18	20 35	10 51	5 14	23 39	1 35	22 44	0 44	3 34	0 1	14 11	1 2	9 59	1 50	21 40	0 2	2 22	1 19	1 19	16 12	21 32	21 34	8 20	7 31	5 51
S 19	20 23	15 22	5 16	23 29	1 40	22 46	0 41	3 51	0n 0	14 13	1 2	10 0	1 50	21 40	0 2	2 21	1 19	1 19	16 12	21 32	21 35	8 23	7 30	5 51
S 20	20 10	19 21	5 4	23 17	1 44	22 48	0 38	4 9	0 2	14 16	1 3	10 2	1 50	21 40	0 2	2 21	1 19	1 19	16 11	21 32	21 35	8 25	7 29	5 51
M21	19 57	22 34	4 39	23 4	1 47	22 49	0 36	4 26	0 3	14 18	1 3	10 3	1 50	21 40	0 2	2 20	1 19	1 19	16 11	21 32	21 36	8 28	7 28	5 51
T 22	19 44	24 50	4 0	22 50	1 50	22 49	0 33	4 43	0 4	14 21	1 3	10 4	1 51	21 40	0 2	2 20	1 19	1 18	16 11	21 32	21 36	8 31	7 27	5 50
W23	19 30	25 53	3 8	22 34	1 53	22 49	0 30	5 0	0 5	14 23	1 3	10 6	1 51	21 39	0 2	2 19	1 19	1 18	16 10	21 32	21 37	8 34	7 25	5 50
T 24	19 15	25 33	2 6	22 16	1 56	22 48	0 27	5 17	0 6	14 26	1 3	10 7	1 51	21 39	0 2	2 18	1 19	1 17	16 10	21 32	21 37	8 37	7 24	5 50
F 25	19 1	23 44	0 55	21 57	1 58	22 46	0 24	5 34	0 7	14 28	1 4	10 9	1 51	21 39	0 2	2 18	1 19	1 17	16 10	21 32	21 38	8 40	7 23	5 50
S 26	18 46	20 28	0s22	21 37	2 0	22 44	0 22	5 51	0 8	14 31	1 4	10 10	1 51	21 39	0 2	2 17	1 19	1 17	16 9	21 32	21 38	8 42	7 22	5 50
S 27	18 31	15 56	1 38	21 15	2 2	22 41	0 19	6 7	0 9	14 33	1 4	10 12	1 52	21 39	0 2	2 16	1 18	1 16	16 9	21 32	21 39	8 45	7 21	5 50
M28	18 15	10 25	2 50	20 51	2 3	22 37	0 16	6 24	0 10	14 36	1 4	10 14	1 52	21 39	0 2	2 16	1 18	1 16	16 9	21 32	21 40	8 48	7 20	5 49
T 29	17 59	4 18	3 51	20 26	2 4	22 32	0 13	6 41	0 11	14 38	1 4	10 15	1 52	21 38	0 2	2 15	1 18	1 16	16 8	21 32	21 40	8 51	7 18	5 49
W30	17 43	2s 4	4 38	20 0	2 5	22 27	0 10	6 57	0 12	14 41	1 4	10 17	1 52	21 38	0 2	2 14	1 18	1 15	16 8	21 33	21 41	8 54	7 17	5 49
T 31	17s26	8s18	5s 6	19s32	2s 5	22s22	0n 8	7n14	0n13	14n44	1n 5	10n18	1n52	21n38	0s 2	2s14	1s18	1s15	16s 8	21s33	21s41	8n56	7s16	5n49

Julian Day Number = 2400776.5, Delta T = 8.95 sec
Ecliptic obliquity = 23°27'30, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°47'57, Lahiri = 21°54'58

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ASTRODIENST EPHEMERIS for the year 1861
geocentric

FEBRUARY 1861 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 44 44	12♒10'38	23♎31	12♒35	17♑21	18♈37	23°R20	7°R57	8°R 4	27♓27	7♉33	22°R39	21♑48	10♈58	26♒25	F 1
S 2	8 48 40	13°11'29	7♏45	14°20	18°36	19°18	23♌12	7♍52	8♊ 4	27°28	7°33	22°D38	21°45	11° 4	26°29	S 2
S 3	8 52 37	14°12'19	21°45	16° 5	19°50	19°59	23° 4	7°48	8° 3	27°30	7°33	22♑38	21°41	11°11	26°33	S 3
M 4	8 56 33	15°13'08	5♐29	17°52	21° 5	20°40	22°56	7°44	8° 2	27°32	7°34	22°39	21°38	11°18	26°37	M 4
T 5	9 0 30	16°13'57	18°58	19°39	22°20	21°21	22°48	7°40	8° 2	27°34	7°34	22°41	21°35	11°24	26°42	T 5
W 6	9 4 27	17°14'44	2♑14	21°26	23°34	22° 2	22°41	7°35	8° 1	27°35	7°34	22°43	21°32	11°31	26°46	W 6
T 7	9 8 23	18°15'31	15°15	23°14	24°49	22°43	22°33	7°31	8° 1	27°37	7°35	22°44	21°29	11°38	26°50	T 7
F 8	9 12 20	19°16'16	28° 5	25° 3	26° 3	23°24	22°25	7°27	8° 1	27°39	7°35	22°R44	21°25	11°45	26°54	F 8
S 9	9 16 16	20°17'00	10♒42	26°52	27°18	24° 5	22°17	7°22	8° 0	27°41	7°35	22°42	21°22	11°51	26°58	S 9
S 10	9 20 13	21°17'43	23° 9	28°42	28°33	24°46	22° 9	7°18	8° 0	27°43	7°36	22°40	21°19	11°58	27° 2	S 10
M11	9 24 9	22°18'24	5♓26	0♓31	29°47	25°27	22° 1	7°13	8° 0	27°45	7°36	22°35	21°16	12° 5	27° 7	M11
T 12	9 28 6	23°19'04	17°33	2°21	1♒ 2	26° 8	21°53	7° 9	8° 0	27°47	7°37	22°30	21°13	12°12	27°11	T 12
W13	9 32 2	24°19'42	29°33	4°11	2°17	26°49	21°45	7° 4	8° 0	27°49	7°37	22°24	21°10	12°18	27°15	W13
T 14	9 35 59	25°20'18	11♈28	6° 0	3°31	27°30	21°37	6°59	8°D 0	27°51	7°38	22°18	21° 6	12°25	27°19	T 14
F 15	9 39 56	26°20'53	23°19	7°49	4°46	28°11	21°29	6°55	8° 0	27°53	7°38	22°13	21° 3	12°32	27°23	F 15
S 16	9 43 52	27°21'26	5♉11	9°37	6° 1	28°52	21°21	6°50	8° 0	27°55	7°39	22° 9	21° 0	12°38	27°28	S 16
S 17	9 47 49	28°21'57	17° 8	11°24	7°15	29°32	21°13	6°45	8° 0	27°57	7°39	22° 6	20°57	12°45	27°32	S 17
M18	9 51 45	29°22'27	29°13	13° 9	8°30	0♉13	21° 6	6°40	8° 0	27°59	7°40	22°D 6	20°54	12°52	27°36	M18
T 19	9 55 42	0♓22'55	11♊33	14°53	9°45	0°54	20°58	6°36	8° 0	28° 1	7°41	22° 6	20°51	12°59	27°40	T 19
W20	9 59 38	1°23'20	24°11	16°34	10°59	1°35	20°50	6°31	8° 0	28° 3	7°41	22° 8	20°47	13° 5	27°44	W20
T 21	10 3 35	2°23'44	7♋13	18°12	12°14	2°16	20°43	6°26	8° 1	28° 5	7°42	22° 9	20°44	13°12	27°49	T 21
F 22	10 7 31	3°24'06	20°40	19°47	13°28	2°56	20°35	6°21	8° 1	28° 7	7°42	22°R10	20°41	13°19	27°53	F 22
S 23	10 11 28	4°24'27	4♌35	21°18	14°43	3°37	20°27	6°16	8° 1	28° 9	7°43	22° 9	20°38	13°25	27°57	S 23
S 24	10 15 25	5°24'45	18°57	22°44	15°58	4°18	20°20	6°12	8° 2	28°11	7°44	22° 7	20°35	13°32	28° 1	S 24
M25	10 19 21	6°25'01	3♍41	24° 5	17°12	4°59	20°13	6° 7	8° 3	28°13	7°45	22° 2	20°31	13°39	28° 5	M25
T 26	10 23 18	7°25'15	18°40	25°21	18°27	5°39	20° 5	6° 2	8° 3	28°16	7°45	21°56	20°28	13°46	28° 9	T 26
W27	10 27 14	8°25'28	3♎45	26°29	19°41	6°20	19°58	5°57	8° 4	28°18	7°46	21°48	20°25	13°52	28°14	W27
T 28	10 31 11	9♓25'39	18♎46	27♓31	20♒56	7♉ 1	19♌51	5♍52	8♊ 4	28♓20	7♉47	21♑41	20♑22	13♈59	28♒18	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s 9	14s 1	5s15	19s 2	2s 4	22s15	0n 5	7n31	0n13	14n46	1n 5	10n20	1n52	21n38	0s 2	2s13	1s18	1s14	16s 7	21s33	21s42	8n59	7s15	5n49
S 2	16 52	18 54	5 4	18 31	2 4	22 8	0 2	7 47	0 14	14 49	1 5	10 22	1 53	21 38	0 2	2 12	1 18	1 14	16 7	21 33	21 42	9 2	7 14	5 49
S 3	16 35	22 39	4 36	17 58	2 2	22 0	0s 1	8 3	0 15	14 52	1 5	10 24	1 53	21 38	0 2	2 12	1 18	1 14	16 6	21 33	21 43	9 5	7 12	5 49
M 4	16 17	25 2	3 51	17 24	2 0	21 52	0 3	8 20	0 16	14 54	1 5	10 25	1 53	21 38	0 2	2 11	1 18	1 13	16 6	21 33	21 43	9 8	7 11	5 48
T 5	15 59	25 55	2 55	16 48	1 58	21 42	0 6	8 36	0 17	14 57	1 5	10 27	1 53	21 38	0 2	2 10	1 18	1 13	16 6	21 33	21 44	9 10	7 10	5 48
W 6	15 41	25 17	1 50	16 11	1 55	21 33	0 9	8 52	0 18	15 0	1 5	10 29	1 53	21 38	0 2	2 9	1 18	1 12	16 5	21 33	21 44	9 13	7 8	5 48
T 7	15 22	23 16	0 41	15 33	1 52	21 22	0 11	9 8	0 19	15 2	1 5	10 31	1 53	21 38	0 2	2 9	1 18	1 12	16 5	21 32	21 45	9 16	7 7	5 48
F 8	15 3	20 5	0n29	14 52	1 48	21 11	0 14	9 24	0 20	15 5	1 6	10 32	1 54	21 38	0 2	2 8	1 18	1 11	16 5	21 32	21 45	9 19	7 6	5 48
S 9	14 44	16 0	1 37	14 11	1 43	20 59	0 17	9 40	0 21	15 8	1 6	10 34	1 54	21 38	0 2	2 7	1 18	1 11	16 4	21 33	21 46	9 22	7 5	5 48
S 10	14 25	11 18	2 39	13 28	1 38	20 47	0 19	9 56	0 21	15 11	1 6	10 36	1 54	21 38	0 2	2 6	1 18	1 11	16 4	21 33	21 46	9 24	7 3	5 48
M11	14 5	6 14	3 33	12 44	1 32	20 34	0 22	10 12	0 22	15 13	1 6	10 38	1 54	21 38	0 2	2 5	1 18	1 10	16 4	21 34	21 47	9 27	7 2	5 48
T 12	13 45	1 0	4 16	11 59	1 26	20 20	0 24	10 27	0 23	15 16	1 6	10 40	1 54	21 38	0 2	2 5	1 18	1 10	16 3	21 35	21 47	9 30	7 1	5 48
W13	13 25	4n13	4 47	11 13	1 19	20 6	0 27	10 43	0 24	15 19	1 6	10 42	1 54	21 38	0 2	2 4	1 18	1 9	16 3	21 36	21 48	9 33	6 59	5 48
T 14	13 5	9 13	5 6	10 25	1 11	19 51	0 29	10 58	0 25	15 21	1 6	10 43	1 54	21 38	0 2	2 3	1 18	1 9	16 3	21 37	21 48	9 35	6 58	5 48
F 15	12 45	13 53	5 11	9 37	1 3	19 36	0 32	11 14	0 25	15 24	1 6	10 45	1 55	21 38	0 2	2 2	1 18	1 8	16 2	21 38	21 49	9 38	6 56	5 48
S 16	12 24	18 1	5 3	8 48	0 54	19 20	0 34	11 29	0 26	15 26	1 6	10 47	1 55	21 38	0 2	2 1	1 18	1 8	16 2	21 38	21 49	9 41	6 55	5 48
S 17	12 3	21 28	4 42	7 58	0 44	19 4	0 36	11 44	0 27	15 29	1 6	10 49	1 55	21 38	0 2	2 1	1 18	1 7	16 2	21 39	21 49	9 44	6 54	5 47
M18	11 42	24 2	4 8	7 8	0 34	18 47	0 39	11 59	0 28	15 32	1 6	10 51	1 55	21 38	0 2	2 0	1 18	1 7	16 1	21 39	21 50	9 46	6 52	5 47
T 19	11 21	25 32	3 23	6 18	0 22	18 29	0 41	12 14	0 28	15 34	1 7	10 53	1 55	21 38	0 2	1 59	1 18	1 6	16 1	21 39	21 50	9 49	6 51	5 47
W20	10 59	25 46	2 26	5 28	0 11	18 11	0 43	12 29	0 29	15 37	1 7	10 55	1 55	21 38	0 2	1 58	1 18	1 6	16 1	21 38	21 51	9 52	6 50	5 47
T 21	10 38	24 36	1 20	4 39	0n 2	17 52	0 46	12 44	0 30	15 39	1 7	10 56	1 55	21 38	0 2	1 57	1 18	1 5	16 0	21 38	21 51	9 55	6 48	5 47
F 22	10 16	22 0	0 8	3 50	0 14	17 33	0 48	12 59	0 31	15 42	1 7	10 58	1 55	21 38	0 2	1 56	1 18	1 5	16 0	21 38	21 52	9 57	6 47	5 47
S 23	9 54	18 3	1s 7	3 2	0 28	17 13	0 50	13 13	0 31	15 44	1 7	11 0	1 55	21 38	0 2	1 56	1 18	1 4	16 0	21 38	21 52	10 0	6 45	5 47
S 24	9 32	12 56	2 20	2 15	0 42	16 53	0 52	13 28	0 32	15 47	1 7	11 2	1 55	21 38	0 2	1 55	1 18	1 4	15 59	21 39	21 53	10 3	6 44	5 47
M25	9 10	6 59	3 25	1 30	0 56	16 33	0 54	13 42	0 33	15 49	1 7	11 4	1 56	21 38	0 2	1 54	1 18	1 3	15 59	21 39	21 53	10 6	6 43	5 47
T 26	8 48	0 32	4 18	0 47	1 10	16 12	0 56	13 57	0 33	15 51	1 7	11 6	1 56	21 38	0 2	1 53	1 18	1 3	15 59	21 40	21 54	10 8	6 41	5 47
W27	8 25	5s58	4 52	0 6	1 24	15 50	0 58	14 11	0 34	15 54	1 7	11 8	1 56	21 38	0 2	1 52	1 18	1 2	15 59	21 41	21 54	10 11	6 40	5 47
T 28	8s 2	12s 5	5s 7	0n32	1n39	15s28	1s 0	14n25	0n35	15n56	1n 7	11n 9	1n56	21n38	0s 2	1s51	1s18	1s 2	15s58	21s43	21s55	10n14	6s38	5n47

Julian Day Number = 2400807.5, Delta T = 8.95 sec
Ecliptic obliquity = 23°27'30, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°48'02, Lahiri = 21°55'02

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ASTRODIENST EPHEMERIS for the year 1861
geocentric

MARCH 1861 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 35 7	10♓25'49	3♏35	28♓26	22♒11	7♉41	19°R44	5°R48	8♊ 5	28♓22	7♉48	21°R35	20♑19	14♈ 6	28♒22	F 1
S 2	10 39 4	11°25'57	18° 4	29°12	23°25	8°22	19♌37	5♍43	8° 6	28°24	7°48	21♑31	20°16	14°13	28°26	S 2
S 3	10 43 0	12°26'04	2♐11	29°50	24°40	9° 2	19°30	5°38	8° 7	28°27	7°49	21°28	20°12	14°19	28°30	S 3
M 4	10 46 57	13°26'09	15°55	0♈19	25°54	9°43	19°23	5°33	8° 8	28°29	7°50	21°D28	20° 9	14°26	28°34	M 4
T 5	10 50 54	14°26'12	29°16	0°39	27° 9	10°23	19°17	5°29	8° 9	28°31	7°51	21°28	20° 6	14°33	28°38	T 5
W 6	10 54 50	15°26'14	12♑17	0°50	28°24	11° 4	19°10	5°24	8°10	28°33	7°52	21°29	20° 3	14°39	28°42	W 6
T 7	10 58 47	16°26'15	25° 2	0°R52	29°38	11°44	19° 4	5°19	8°11	28°35	7°53	21°R30	20° 0	14°46	28°46	T 7
F 8	11 2 43	17°26'13	7♒33	0°44	0♓53	12°25	18°58	5°14	8°12	28°38	7°54	21°28	19°56	14°53	28°50	F 8
S 9	11 6 40	18°26'10	19°54	0°29	2° 7	13° 5	18°51	5°10	8°13	28°40	7°55	21°25	19°53	15° 0	28°54	S 9
S 10	11 10 36	19°26'05	2♓ 6	0° 5	3°22	13°46	18°45	5° 5	8°14	28°42	7°56	21°18	19°50	15° 6	28°58	S 10
M11	11 14 33	20°25'58	14°11	29♓34	4°36	14°26	18°40	5° 1	8°15	28°44	7°57	21° 9	19°47	15°13	29° 2	M11
T 12	11 18 29	21°25'49	26°11	28°55	5°51	15° 6	18°34	4°56	8°17	28°47	7°58	20°58	19°44	15°20	29° 6	T 12
W13	11 22 26	22°25'38	8♈ 6	28°12	7° 6	15°47	18°28	4°52	8°18	28°49	7°59	20°46	19°41	15°26	29°10	W13
T 14	11 26 23	23°25'25	19°59	27°23	8°20	16°27	18°23	4°47	8°20	28°51	8° 0	20°33	19°37	15°33	29°14	T 14
F 15	11 30 19	24°25'10	1♉50	26°31	9°35	17° 7	18°18	4°43	8°21	28°53	8° 1	20°22	19°34	15°40	29°18	F 15
S 16	11 34 16	25°24'52	13°42	25°36	10°49	17°48	18°12	4°38	8°22	28°56	8° 2	20°13	19°31	15°47	29°22	S 16
S 17	11 38 12	26°24'33	25°39	24°41	12° 4	18°28	18° 7	4°34	8°24	28°58	8° 3	20° 6	19°28	15°53	29°26	S 17
M18	11 42 9	27°24'11	7♊43	23°45	13°18	19° 8	18° 3	4°30	8°26	29° 0	8° 4	20° 1	19°25	16° 0	29°30	M18
T 19	11 46 5	28°23'48	19°59	22°50	14°33	19°48	17°58	4°26	8°27	29° 3	8° 5	19°59	19°22	16° 7	29°33	T 19
W20	11 50 2	29°23'22	2♋32	21°58	15°47	20°29	17°54	4°21	8°29	29° 5	8° 6	19°D59	19°18	16°14	29°37	W20
T 21	11 53 58	0♈22'53	15°27	21° 9	17° 1	21° 9	17°49	4°17	8°31	29° 7	8° 7	20°R 0	19°15	16°20	29°41	T 21
F 22	11 57 55	1°22'22	28°47	20°24	18°16	21°49	17°45	4°13	8°33	29° 9	8° 8	19°59	19°12	16°27	29°45	F 22
S 23	12 1 52	2°21'49	12♌37	19°44	19°30	22°29	17°41	4° 9	8°34	29°12	8° 9	19°58	19° 9	16°34	29°48	S 23
S 24	12 5 48	3°21'14	26°56	19° 8	20°45	23° 9	17°37	4° 6	8°36	29°14	8°10	19°53	19° 6	16°40	29°52	S 24
M25	12 9 45	4°20'36	11♍43	18°39	21°59	23°49	17°34	4° 2	8°38	29°16	8°12	19°46	19° 2	16°47	29°55	M25
T 26	12 13 41	5°19'56	26°50	18°14	23°13	24°29	17°30	3°58	8°40	29°18	8°13	19°37	18°59	16°54	29°59	T 26
W27	12 17 38	6°19'14	12♎ 9	17°56	24°28	25° 9	17°27	3°54	8°42	29°21	8°14	19°26	18°56	17° 1	0♓ 3	W27
T 28	12 21 34	7°18'30	27°28	17°44	25°42	25°49	17°24	3°51	8°44	29°23	8°15	19°16	18°53	17° 7	0° 6	T 28
F 29	12 25 31	8°17'44	12♏36	17°37	26°57	26°29	17°21	3°47	8°46	29°25	8°16	19° 6	18°50	17°14	0°10	F 29
S 30	12 29 27	9°16'56	27°23	17°D36	28°11	27° 9	17°19	3°44	8°48	29°27	8°18	18°59	18°47	17°21	0°13	S 30
S 31	12 33 24	10♈16'07	11♐43	17♓41	29♓25	27♉49	17♌16	3♍40	8♊51	29♓30	8♉19	18♑54	18♑43	17♈27	0♓17	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s40	17s26	5s 1	1n 6	1n53	15s 6	1s 1	14n39	0n35	15n58	1n 7	11n11	1n56	21n39	0s 2	1s50	1s18	1s 1	15s58	21s44	21s55	10n16	6s37	5n47
S 2	7 17	21 38	4 35	1 38	2 7	14 43	1 3	14 52	0 36	16 0	1 7	11 13	1 56	21 39	0 2	1 50	1 18	1 1	15 58	21 44	21 56	10 19	6 35	5 47
S 3	6 54	24 26	3 54	2 5	2 21	14 20	1 5	15 6	0 37	16 2	1 7	11 15	1 56	21 39	0 2	1 49	1 18	1 0	15 57	21 45	21 56	10 22	6 34	5 47
M 4	6 31	25 41	2 59	2 29	2 34	13 56	1 7	15 20	0 37	16 5	1 7	11 17	1 56	21 39	0 2	1 48	1 18	1 0	15 57	21 45	21 57	10 25	6 33	5 47
T 5	6 8	25 24	1 57	2 48	2 46	13 32	1 8	15 33	0 38	16 7	1 7	11 18	1 56	21 39	0 2	1 47	1 18	0 59	15 57	21 45	21 57	10 27	6 31	5 48
W 6	5 45	23 42	0 49	3 3	2 58	13 8	1 10	15 46	0 39	16 9	1 7	11 20	1 56	21 39	0 2	1 46	1 18	0 59	15 57	21 44	21 58	10 30	6 30	5 48
T 7	5 21	20 50	0n19	3 13	3 8	12 43	1 11	15 59	0 39	16 11	1 7	11 22	1 56	21 40	0 2	1 45	1 18	0 58	15 56	21 44	21 58	10 33	6 28	5 48
F 8	4 58	17 2	1 25	3 18	3 17	12 18	1 13	16 12	0 40	16 13	1 7	11 24	1 56	21 40	0 2	1 44	1 18	0 57	15 56	21 45	21 59	10 35	6 27	5 48
S 9	4 35	12 33	2 26	3 19	3 24	11 53	1 14	16 25	0 40	16 15	1 7	11 26	1 56	21 40	0 2	1 43	1 18	0 57	15 56	21 45	21 59	10 38	6 25	5 48
S 10	4 11	7 38	3 19	3 15	3 30	11 27	1 15	16 38	0 41	16 16	1 7	11 27	1 56	21 40	0 2	1 42	1 18	0 56	15 55	21 46	21 59	10 41	6 24	5 48
M11	3 48	2 30	4 3	3 6	3 34	11 1	1 16	16 51	0 41	16 18	1 7	11 29	1 56	21 40	0 2	1 42	1 18	0 56	15 55	21 48	22 0	10 43	6 23	5 48
T 12	3 24	2n41	4 35	2 53	3 36	10 35	1 18	17 3	0 42	16 20	1 7	11 31	1 56	21 41	0 2	1 41	1 18	0 55	15 55	21 49	22 0	10 46	6 21	5 48
W13	3 0	7 44	4 55	2 36	3 37	10 8	1 19	17 15	0 43	16 22	1 7	11 32	1 56	21 41	0 2	1 40	1 18	0 55	15 55	21 51	22 1	10 49	6 20	5 48
T 14	2 37	12 29	5 3	2 15	3 35	9 41	1 20	17 28	0 43	16 23	1 7	11 34	1 56	21 41	0 2	1 39	1 18	0 54	15 54	21 53	22 1	10 51	6 18	5 48
F 15	2 13	16 45	4 57	1 51	3 31	9 14	1 21	17 40	0 44	16 25	1 7	11 36	1 56	21 41	0 2	1 38	1 18	0 54	15 54	21 55	22 2	10 54	6 17	5 48
S 16	1 49	20 23	4 38	1 24	3 26	8 47	1 22	17 51	0 44	16 26	1 7	11 37	1 56	21 42	0 2	1 37	1 18	0 53	15 54	21 56	22 2	10 57	6 16	5 48
S 17	1 26	23 11	4 7	0 55	3 19	8 19	1 23	18 3	0 45	16 28	1 6	11 39	1 56	21 42	0 2	1 36	1 18	0 53	15 54	21 57	22 3	10 59	6 14	5 48
M18	1 2	24 59	3 25	0 25	3 9	7 51	1 23	18 15	0 45	16 29	1 6	11 40	1 56	21 42	0 2	1 35	1 18	0 52	15 53	21 58	22 3	11 2	6 13	5 49
T 19	0 38	25 37	2 32	0s 6	2 59	7 23	1 24	18 26	0 46	16 31	1 6	11 42	1 56	21 42	0 2	1 34	1 18	0 51	15 53	21 58	22 4	11 5	6 11	5 49
W20	0 15	24 57	1 31	0 38	2 47	6 55	1 25	18 38	0 46	16 32	1 6	11 43	1 56	21 43	0 2	1 33	1 18	0 51	15 53	21 58	22 4	11 7	6 10	5 49
T 21	0n 9	22 58	0 24	1 9	2 34	6 26	1 25	18 49	0 47	16 33	1 6	11 45	1 56	21 43	0 2	1 33	1 18	0 50	15 53	21 58	22 4	11 10	6 8	5 49
F 22	0 33	19 40	0s47	1 40	2 20	5 58	1 26	19 0	0 47	16 34	1 6	11 46	1 56	21 43	0 2	1 32	1 18	0 50	15 53	21 58	22 5	11 13	6 7	5 49
S 23	0 56	15 10	1 57	2 9	2 5	5 29	1 26	19 11	0 48	16 36	1 6	11 48	1 56	21 43	0 2	1 31	1 18	0 49	15 52	21 58	22 5	11 15	6 6	5 49
S 24	1 20	9 41	3 2	2 37	1 50	5 0	1 27	19 21	0 48	16 37	1 6	11 49	1 56	21 44	0 2	1 30	1 18	0 49	15 52	21 59	22 6	11 18	6 4	5 49
M25	1 44	3 31	3 58	3 3	1 35	4 31	1 27	19 32	0 49	16 38	1 6	11 50	1 56	21 44	0 2	1 29	1 18	0 48	15 52	22 0	22 6	11 21	6 3	5 50
T 26	2 7	2s59	4 38	3 26	1 19	4 2	1 27	19 42	0 49	16 39	1 6	11 52	1 56	21 44	0 2	1 28	1 18	0 48	15 52	22 1	22 7	11 23	6 1	5 50
W27	2 31	9 23	4 58	3 48	1 4	3 33	1 28	19 52	0 50	16 40	1 6	11 53	1 56	21 45	0 2	1 27	1 18	0 47	15 52	22 3	22 7	11 26	6 0	5 50
T 28	2 54	15 12	4 58	4 7	0 48	3 3	1 28	20 2	0 50	16 40	1 6	11 54	1 56	21 45	0 2	1 26	1 18	0 47	15 51	22 4	22 8	11 29	5 59	5 50
F 29	3 18	20 1	4 36	4 24	0 33	2 34	1 28	20 12	0 51	16 41	1 6	11 56	1 56	21 45	0 2	1 25	1 18	0 46	15 51	22 6	22 8	11 31	5 57	5 50
S 30	3 41	23 25	3 56	4 38	0 18	2 4	1 28	20 22	0 51	16 42	1 6	11 57	1 56	21 46	0 2	1 25	1 18	0 46	15 51	22 7	22 8	11 34	5 56	5 50
S 31	4n 4	25s14	3s 3	4s49	0n 4	1s34	1s28	20n31	0n51	16n43	1n 5	11n58	1n56	21n46	0s 2	1s24	1s18	0s45	15s51	22s 8	22s 9	11n36	5s55	5n50

Julian Day Number = 2400835.5, Delta T = 8.95 sec
Ecliptic obliquity = 23°27'30, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°48'05, Lahiri = 21°55'06

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ASTRODIENST EPHEMERIS for the year 1861
geocentric

APRIL 1861 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 37 21	11♈15'15	25♐35	17♓50	0♈40	28♉29	17°R14	3°R37	8♊53	29♓32	8♉20	18°R51	18♑40	17♈34	0♓20	M 1
T 2	12 41 17	12°14'22	9♑ 0	18° 6	1°54	29° 9	17♌12	3♍34	8°55	29°34	8°21	18♑51	18°37	17°41	0°23	T 2
W 3	12 45 14	13°13'28	22° 0	18°26	3° 8	29°49	17°10	3°31	8°57	29°36	8°22	18°51	18°34	17°48	0°27	W 3
T 4	12 49 10	14°12'31	4♒39	18°50	4°23	0♊28	17° 8	3°27	9° 0	29°39	8°24	18°50	18°31	17°54	0°30	T 4
F 5	12 53 7	15°11'33	17° 2	19°20	5°37	1° 8	17° 6	3°24	9° 2	29°41	8°25	18°48	18°28	18° 1	0°33	F 5
S 6	12 57 3	16°10'32	29°13	19°53	6°51	1°48	17° 5	3°22	9° 4	29°43	8°26	18°43	18°24	18° 8	0°36	S 6
S 7	13 1 0	17° 9'30	11♓15	20°31	8° 5	2°28	17° 4	3°19	9° 7	29°45	8°28	18°35	18°21	18°15	0°40	S 7
M 8	13 4 56	18° 8'26	23°12	21°12	9°20	3° 7	17° 3	3°16	9° 9	29°47	8°29	18°24	18°18	18°21	0°43	M 8
T 9	13 8 53	19° 7'20	5♈ 6	21°57	10°34	3°47	17° 2	3°13	9°12	29°50	8°30	18°11	18°15	18°28	0°46	T 9
W10	13 12 49	20° 6'12	16°58	22°46	11°48	4°27	17° 1	3°11	9°14	29°52	8°31	17°57	18°12	18°35	0°49	W10
T 11	13 16 46	21° 5'02	28°50	23°38	13° 3	5° 7	17° 1	3° 8	9°17	29°54	8°33	17°42	18° 8	18°41	0°52	T 11
F 12	13 20 43	22° 3'50	10♉43	24°33	14°17	5°46	17° 0	3° 6	9°20	29°56	8°34	17°29	18° 5	18°48	0°55	F 12
S 13	13 24 39	23° 2'37	22°39	25°31	15°31	6°26	17°D 0	3° 4	9°22	29°58	8°35	17°17	18° 2	18°55	0°58	S 13
S 14	13 28 36	24° 1'21	4♊40	26°32	16°45	7° 5	17° 0	3° 2	9°25	0♈ 0	8°37	17° 8	17°59	19° 2	1° 1	S 14
M15	13 32 32	25° 0'03	16°48	27°35	17°59	7°45	17° 1	3° 0	9°28	0° 2	8°38	17° 2	17°56	19° 8	1° 4	M15
T 16	13 36 29	25°58'42	29° 6	28°41	19°14	8°24	17° 1	2°58	9°30	0° 5	8°39	16°59	17°53	19°15	1° 6	T 16
W17	13 40 25	26°57'20	11♋39	29°50	20°28	9° 4	17° 2	2°56	9°33	0° 7	8°41	16°58	17°49	19°22	1° 9	W17
T 18	13 44 22	27°55'55	24°31	1♈ 1	21°42	9°43	17° 3	2°54	9°36	0° 9	8°42	16°58	17°46	19°29	1°12	T 18
F 19	13 48 18	28°54'28	7♌45	2°14	22°56	10°23	17° 4	2°52	9°39	0°11	8°43	16°58	17°43	19°35	1°15	F 19
S 20	13 52 15	29°52'59	21°26	3°30	24°10	11° 2	17° 5	2°51	9°42	0°13	8°45	16°57	17°40	19°42	1°17	S 20
S 21	13 56 12	0♉51'28	5♍35	4°47	25°24	11°42	17° 6	2°49	9°45	0°15	8°46	16°53	17°37	19°49	1°20	S 21
M22	14 0 8	1°49'54	20°11	6° 7	26°38	12°21	17° 8	2°48	9°48	0°17	8°47	16°47	17°33	19°55	1°22	M22
T 23	14 4 5	2°48'19	5♎ 9	7°29	27°52	13° 1	17°10	2°47	9°51	0°19	8°49	16°38	17°30	20° 2	1°25	T 23
W24	14 8 1	3°46'41	20°24	8°53	29° 6	13°40	17°12	2°46	9°54	0°21	8°50	16°28	17°27	20° 9	1°27	W24
T 25	14 11 58	4°45'01	5♏43	10°19	0♉20	14°19	17°14	2°45	9°57	0°23	8°51	16°18	17°24	20°16	1°30	T 25
F 26	14 15 54	5°43'20	20°55	11°47	1°34	14°58	17°16	2°44	10° 0	0°25	8°53	16° 9	17°21	20°22	1°32	F 26
S 27	14 19 51	6°41'37	5♐50	13°17	2°49	15°38	17°19	2°43	10° 3	0°27	8°54	16° 1	17°18	20°29	1°34	S 27
S 28	14 23 47	7°39'52	20°20	14°49	4° 3	16°17	17°21	2°42	10° 6	0°29	8°56	15°56	17°14	20°36	1°36	S 28
M29	14 27 44	8°38'06	4♑22	16°22	5°17	16°56	17°24	2°41	10° 9	0°30	8°57	15°54	17°11	20°42	1°39	M29
T 30	14 31 41	9♉36'19	17♑55	17♈58	6♉31	17♊35	17♌27	2♍41	10♊12	0♈32	8♉58	15°D54	17♑ 8	20♈49	1♓41	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n27	25s23	2s 0	4s58	0s10	1s 5	1s28	20n41	0n52	16n43	1n 5	11n59	1n56	21n46	0s 2	1s23	1s18	0s44	15s51	22s 8	22s 9	11n39	5s53	5n51
T 2	4 50	24 1	0 52	5 5	0 24	0 35	1 28	20 50	0 52	16 44	1 5	12 0	1 56	21 47	0 2	1 22	1 18	0 44	15 51	22 8	22 10	11 42	5 52	5 51
W 3	5 13	21 23	0n17	5 9	0 37	0 5	1 27	20 59	0 53	16 44	1 5	12 1	1 55	21 47	0 1	1 21	1 18	0 43	15 50	22 8	22 10	11 44	5 51	5 51
T 4	5 36	17 47	1 23	5 10	0 49	0n25	1 27	21 8	0 53	16 45	1 5	12 2	1 55	21 47	0 1	1 20	1 18	0 43	15 50	22 8	22 11	11 47	5 49	5 51
F 5	5 59	13 28	2 23	5 9	1 1	0 54	1 27	21 17	0 53	16 45	1 5	12 3	1 55	21 48	0 1	1 19	1 18	0 42	15 50	22 8	22 11	11 49	5 48	5 51
S 6	6 22	8 42	3 16	5 6	1 12	1 24	1 26	21 25	0 54	16 46	1 5	12 4	1 55	21 48	0 1	1 18	1 18	0 42	15 50	22 9	22 12	11 52	5 47	5 52
S 7	6 45	3 40	3 59	5 1	1 22	1 54	1 26	21 33	0 54	16 46	1 5	12 5	1 55	21 49	0 1	1 18	1 18	0 41	15 50	22 10	22 12	11 55	5 45	5 52
M 8	7 7	1n27	4 31	4 54	1 32	2 24	1 25	21 42	0 55	16 46	1 5	12 6	1 55	21 49	0 1	1 17	1 18	0 41	15 50	22 12	22 12	11 57	5 44	5 52
T 9	7 30	6 29	4 52	4 45	1 41	2 53	1 25	21 50	0 55	16 46	1 5	12 7	1 55	21 49	0 1	1 16	1 18	0 40	15 49	22 13	22 13	12 0	5 43	5 52
W10	7 52	11 16	4 59	4 33	1 50	3 23	1 24	21 57	0 55	16 46	1 4	12 8	1 55	21 50	0 1	1 15	1 18	0 40	15 49	22 15	22 13	12 2	5 42	5 52
T 11	8 14	15 38	4 54	4 20	1 58	3 53	1 23	22 5	0 56	16 46	1 4	12 9	1 55	21 50	0 1	1 14	1 18	0 39	15 49	22 17	22 14	12 5	5 40	5 53
F 12	8 36	19 24	4 35	4 5	2 5	4 22	1 22	22 12	0 56	16 46	1 4	12 9	1 55	21 51	0 1	1 13	1 18	0 39	15 49	22 19	22 14	12 8	5 39	5 53
S 13	8 58	22 24	4 5	3 48	2 12	4 52	1 21	22 20	0 56	16 46	1 4	12 10	1 55	21 51	0 1	1 13	1 18	0 38	15 49	22 20	22 15	12 10	5 38	5 53
S 14	9 20	24 25	3 23	3 30	2 18	5 21	1 21	22 27	0 57	16 46	1 4	12 11	1 55	21 51	0 1	1 12	1 18	0 38	15 49	22 22	22 15	12 13	5 37	5 53
M15	9 41	25 20	2 32	3 9	2 24	5 50	1 20	22 34	0 57	16 46	1 4	12 12	1 54	21 52	0 1	1 11	1 18	0 37	15 49	22 22	22 15	12 15	5 35	5 54
T 16	10 3	25 0	1 33	2 48	2 28	6 19	1 19	22 40	0 57	16 46	1 4	12 12	1 54	21 52	0 1	1 10	1 18	0 37	15 49	22 23	22 16	12 18	5 34	5 54
W17	10 24	23 25	0 28	2 24	2 33	6 48	1 17	22 47	0 58	16 45	1 4	12 13	1 54	21 53	0 1	1 9	1 18	0 36	15 49	22 23	22 16	12 20	5 33	5 54
T 18	10 45	20 35	0s40	1 59	2 36	7 17	1 16	22 53	0 58	16 45	1 4	12 13	1 54	21 53	0 1	1 8	1 18	0 36	15 49	22 23	22 17	12 23	5 32	5 54
F 19	11 6	16 37	1 48	1 33	2 39	7 46	1 15	22 59	0 58	16 45	1 3	12 14	1 54	21 54	0 1	1 8	1 18	0 35	15 48	22 23	22 17	12 25	5 31	5 55
S 20	11 26	11 40	2 52	1 5	2 42	8 14	1 14	23 5	0 59	16 44	1 3	12 14	1 54	21 54	0 1	1 7	1 18	0 35	15 48	22 23	22 17	12 28	5 30	5 55
S 21	11 47	5 57	3 47	0 36	2 44	8 42	1 13	23 11	0 59	16 44	1 3	12 15	1 54	21 54	0 1	1 6	1 18	0 34	15 48	22 23	22 18	12 31	5 28	5 55
M22	12 7	0s15	4 30	0 6	2 45	9 11	1 11	23 16	0 59	16 43	1 3	12 15	1 54	21 55	0 1	1 5	1 19	0 34	15 48	22 24	22 18	12 33	5 27	5 55
T 23	12 27	6 34	4 55	0n26	2 46	9 38	1 10	23 22	1 0	16 42	1 3	12 15	1 54	21 55	0 1	1 5	1 19	0 34	15 48	22 25	22 19	12 36	5 26	5 56
W24	12 47	12 37	5 1	0 59	2 46	10 6	1 8	23 27	1 0	16 42	1 3	12 16	1 53	21 56	0 1	1 4	1 19	0 33	15 48	22 27	22 19	12 38	5 25	5 56
T 25	13 7	17 54	4 45	1 33	2 46	10 34	1 7	23 32	1 0	16 41	1 3	12 16	1 53	21 56	0 1	1 3	1 19	0 33	15 48	22 28	22 20	12 41	5 24	5 56
F 26	13 26	21 59	4 8	2 8	2 45	11 1	1 5	23 37	1 1	16 40	1 3	12 16	1 53	21 57	0 1	1 2	1 19	0 32	15 48	22 29	22 20	12 43	5 23	5 56
S 27	13 46	24 30	3 16	2 44	2 43	11 28	1 4	23 41	1 1	16 39	1 3	12 16	1 53	21 57	0 1	1 2	1 19	0 32	15 48	22 30	22 20	12 46	5 22	5 57
S 28	14 5	25 17	2 11	3 22	2 41	11 54	1 2	23 46	1 1	16 38	1 2	12 17	1 53	21 58	0 1	1 1	1 19	0 31	15 48	22 30	22 21	12 48	5 21	5 57
M29	14 23	24 24	1 1	4 0	2 39	12 21	1 0	23 50	1 1	16 37	1 2	12 17	1 53	21 58	0 1	1 0	1 19	0 31	15 48	22 31	22 21	12 51	5 20	5 57
T 30	14n42	22s 5	0n11	4n39	2s36	12n47	0s58	23n54	1n 2	16n36	1n 2	12n17	1n53	21n59	0s 1	0s59	1s19	0s30	15s48	22s31	22s22	12n53	5s19	5n58

Julian Day Number = 2400866.5, Delta T = 8.95 sec
Ecliptic obliquity = 23°27'30, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°48'10, Lahiri = 21°55'10

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ASTRODIENST EPHEMERIS for the year 1861
geocentric

MAY 1861 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 35 37	10♉34'29	1♒ 0	19♈35	7♉45	18♊15	17♌30	2°R40	10♊15	0♈34	9♉ 0	15♑54	17♑ 5	20♈56	1♓43	W 1
T 2	14 39 34	11°32'39	13°42	21°15	8°59	18°54	17°34	2♍40	10°18	0°36	9° 1	15°R54	17° 2	21° 3	1°45	T 2
F 3	14 43 30	12°30'46	26° 5	22°56	10°12	19°33	17°37	2°40	10°22	0°38	9° 2	15°53	16°59	21° 9	1°47	F 3
S 4	14 47 27	13°28'53	8♓14	24°39	11°26	20°12	17°41	2°40	10°25	0°40	9° 4	15°50	16°55	21°16	1°49	S 4
S 5	14 51 23	14°26'58	20°13	26°24	12°40	20°51	17°45	2°D40	10°28	0°41	9° 5	15°45	16°52	21°23	1°50	S 5
M 6	14 55 20	15°25'01	2♈ 7	28°11	13°54	21°30	17°49	2°40	10°31	0°43	9° 6	15°37	16°49	21°30	1°52	M 6
T 7	14 59 16	16°23'03	13°58	29°59	15° 8	22° 9	17°53	2°40	10°35	0°45	9° 8	15°28	16°46	21°36	1°54	T 7
W 8	15 3 13	17°21'04	25°49	1♉50	16°22	22°48	17°57	2°40	10°38	0°47	9° 9	15°17	16°43	21°43	1°56	W 8
T 9	15 7 10	18°19'03	7♉43	3°43	17°36	23°27	18° 2	2°41	10°41	0°48	9°11	15° 6	16°39	21°50	1°57	T 9
F 10	15 11 6	19°17'00	19°41	5°37	18°50	24° 6	18° 6	2°41	10°45	0°50	9°12	14°55	16°36	21°56	1°59	F 10
S 11	15 15 3	20°14'57	1♊45	7°34	20° 4	24°45	18°11	2°42	10°48	0°52	9°13	14°47	16°33	22° 3	2° 1	S 11
S 12	15 18 59	21°12'51	13°55	9°32	21°18	25°24	18°16	2°43	10°51	0°53	9°15	14°40	16°30	22°10	2° 2	S 12
M13	15 22 56	22°10'44	26°13	11°32	22°32	26° 3	18°21	2°44	10°55	0°55	9°16	14°36	16°27	22°17	2° 3	M13
T 14	15 26 52	23° 8'35	8♋42	13°33	23°46	26°42	18°27	2°45	10°58	0°56	9°17	14°D34	16°24	22°23	2° 5	T 14
W15	15 30 49	24° 6'25	21°24	15°37	25° 0	27°21	18°32	2°46	11° 2	0°58	9°19	14°34	16°20	22°30	2° 6	W15
T 16	15 34 45	25° 4'13	4♌21	17°42	26°13	28° 0	18°38	2°47	11° 5	0°59	9°20	14°35	16°17	22°37	2° 7	T 16
F 17	15 38 42	26° 1'59	17°37	19°48	27°27	28°39	18°43	2°48	11° 8	1° 1	9°21	14°36	16°14	22°43	2° 8	F 17
S 18	15 42 39	26°59'44	1♍13	21°56	28°41	29°18	18°49	2°49	11°12	1° 2	9°23	14°R37	16°11	22°50	2°10	S 18
S 19	15 46 35	27°57'27	15°13	24° 5	29°55	29°56	18°55	2°51	11°15	1° 4	9°24	14°35	16° 8	22°57	2°11	S 19
M20	15 50 32	28°55'08	29°34	26°15	1♊ 9	0♋35	19° 2	2°52	11°19	1° 5	9°25	14°32	16° 5	23° 4	2°12	M20
T 21	15 54 28	29°52'48	14♎16	28°26	2°22	1°14	19° 8	2°54	11°22	1° 7	9°26	14°27	16° 1	23°10	2°13	T 21
W22	15 58 25	0♊50'26	29°11	0♊37	3°36	1°53	19°14	2°56	11°26	1° 8	9°28	14°21	15°58	23°17	2°14	W22
T 23	16 2 21	1°48'02	14♏14	2°49	4°50	2°32	19°21	2°58	11°29	1° 9	9°29	14°15	15°55	23°24	2°14	T 23
F 24	16 6 18	2°45'38	29°13	5° 1	6° 4	3°10	19°28	3° 0	11°33	1°11	9°30	14° 9	15°52	23°31	2°15	F 24
S 25	16 10 14	3°43'12	14♐ 1	7°12	7°18	3°49	19°35	3° 2	11°36	1°12	9°32	14° 5	15°49	23°37	2°16	S 25
S 26	16 14 11	4°40'45	28°29	9°24	8°31	4°28	19°42	3° 4	11°40	1°13	9°33	14° 2	15°45	23°44	2°17	S 26
M27	16 18 8	5°38'18	12♑32	11°34	9°45	5° 6	19°49	3° 6	11°43	1°14	9°34	14°D 1	15°42	23°51	2°17	M27
T 28	16 22 4	6°35'49	26° 9	13°43	10°59	5°45	19°56	3° 9	11°47	1°16	9°35	14° 1	15°39	23°57	2°18	T 28
W29	16 26 1	7°33'19	9♒20	15°51	12°13	6°24	20° 3	3°11	11°50	1°17	9°37	14° 3	15°36	24° 4	2°18	W29
T 30	16 29 57	8°30'49	22° 7	17°57	13°26	7° 2	20°11	3°14	11°54	1°18	9°38	14° 4	15°33	24°11	2°19	T 30
F 31	16 33 54	9♊28'17	4♓34	20♊ 2	14♊40	7♋41	20♌19	3♍16	11♊58	1♈19	9♉39	14°R 5	15♑30	24♈18	2♓19	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	15n 0	18s39	1n20	5n19	2s32	13n13	0s57	23n58	1n 2	16n35	1n 2	12n17	1n53	21n59	0s 1	0s59	1s19	0s30	15s48	22s31	22s22	12n56	5s18	5n58	
T 2	15 18	14 27	2 22	6 0	2 28	13 38	0 55	24 2	1 2	16 34	1 2	12 17	1 52	22 0	0 1	0 58	1 19	0 30	15 48	22 31	22 22	12 58	5 17	5 58	
F 3	15 36	9 45	3 17	6 42	2 23	14 3	0 53	24 5	1 2	16 33	1 2	12 17	1 52	22 0	0 1	0 57	1 19	0 29	15 48	22 31	22 23	13 1	5 16	5 58	
S 4	15 54	4 45	4 1	7 25	2 18	14 28	0 51	24 8	1 3	16 32	1 2	12 17	1 52	22 0	0 1	0 57	1 19	0 29	15 48	22 31	22 23	13 3	5 15	5 59	
S 5	16 11	0n20	4 34	8 8	2 12	14 52	0 49	24 11	1 3	16 30	1 2	12 17	1 52	22 1	0 1	0 56	1 19	0 28	15 48	22 32	22 24	13 6	5 14	5 59	
M 6	16 28	5 21	4 55	8 52	2 6	15 17	0 47	24 14	1 3	16 29	1 2	12 16	1 52	22 1	0 1	0 55	1 19	0 28	15 48	22 33	22 24	13 8	5 13	5 59	
T 7	16 45	10 10	5 4	9 37	1 59	15 40	0 45	24 17	1 3	16 28	1 1	12 16	1 52	22 2	0 1	0 55	1 19	0 28	15 48	22 34	22 24	13 11	5 12	6 0	
W 8	17 2	14 37	4 59	10 22	1 52	16 4	0 43	24 19	1 4	16 26	1 1	12 16	1 52	22 2	0 1	0 54	1 19	0 27	15 48	22 35	22 25	13 13	5 11	6 0	
T 9	17 18	18 31	4 41	11 8	1 45	16 26	0 41	24 21	1 4	16 25	1 1	12 16	1 52	22 3	0 1	0 53	1 19	0 27	15 48	22 36	22 25	13 16	5 10	6 0	
F 10	17 34	21 41	4 10	11 53	1 36	16 49	0 39	24 24	1 4	16 23	1 1	12 15	1 51	22 3	0 1	0 53	1 19	0 26	15 48	22 37	22 26	13 18	5 10	6 1	
S 11	17 49	23 56	3 29	12 39	1 28	17 11	0 37	24 25	1 4	16 21	1 1	12 15	1 51	22 4	0 1	0 52	1 19	0 26	15 48	22 38	22 26	13 21	5 9	6 1	
S 12	18 5	25 5	2 37	13 26	1 19	17 33	0 35	24 27	1 4	16 20	1 1	12 15	1 51	22 4	0 1	0 52	1 19	0 26	15 48	22 39	22 26	13 23	5 8	6 1	
M13	18 20	25 1	1 37	14 12	1 10	17 54	0 32	24 29	1 5	16 18	1 1	12 14	1 51	22 5	0 1	0 51	1 19	0 25	15 48	22 39	22 27	13 25	5 7	6 2	
T 14	18 34	23 42	0 32	14 58	1 0	18 14	0 30	24 30	1 5	16 16	1 1	12 14	1 51	22 5	0 1	0 50	1 19	0 25	15 48	22 40	22 27	13 28	5 6	6 2	
W15	18 49	21 9	0s37	15 43	0 50	18 35	0 28	24 31	1 5	16 15	1 1	12 13	1 51	22 6	0 1	0 50	1 19	0 25	15 48	22 40	22 27	13 30	5 6	6 2	
T 16	19 3	17 30	1 45	16 29	0 40	18 54	0 26	24 32	1 5	16 13	1 0	12 13	1 51	22 6	0 1	0 49	1 19	0 24	15 48	22 40	22 28	13 33	5 5	6 2	
F 17	19 17	12 54	2 48	17 13	0 30	19 14	0 23	24 32	1 5	16 11	1 0	12 12	1 51	22 7	0 1	0 49	1 19	0 24	15 48	22 39	22 28	13 35	5 4	6 3	
S 18	19 30	7 33	3 45	17 57	0 20	19 32	0 21	24 33	1 6	16 9	1 0	12 11	1 50	22 7	0 1	0 48	1 19	0 24	15 48	22 39	22 29	13 38	5 3	6 3	
S 19	19 43	1 42	4 29	18 40	0 9	19 51	0 19	24 33	1 6	16 7	1 0	12 11	1 50	22 8	0 1	0 48	1 20	0 23	15 49	22 40	22 29	13 40	5 3	6 3	
M20	19 56	4s23	4 58	19 21	0n 2	20 8	0 16	24 33	1 6	16 5	1 0	12 10	1 50	22 8	0 1	0 47	1 20	0 23	15 49	22 40	22 29	13 42	5 2	6 4	
T 21	20 8	10 22	5 8	20 1	0 12	20 25	0 14	24 33	1 6	16 3	1 0	12 9	1 50	22 9	0 1	0 47	1 20	0 23	15 49	22 40	22 30	13 45	5 1	6 4	
W22	20 21	15 50	4 58	20 40	0 23	20 42	0 12	24 33	1 6	16 1	1 0	12 9	1 50	22 9	0 1	0 46	1 20	0 23	15 49	22 41	22 30	13 47	5 1	6 4	
T 23	20 32	20 22	4 28	21 17	0 33	20 58	0 9	24 32	1 6	15 59	1 0	12 8	1 50	22 10	0 1	0 46	1 20	0 22	15 49	22 42	22 30	13 50	5 0	6 5	
F 24	20 44	23 33	3 39	21 51	0 43	21 13	0 7	24 32	1 7	15 56	1 0	12 7	1 50	22 10	0 1	0 45	1 20	0 22	15 49	22 42	22 31	13 52	5 0	6 5	
S 25	20 55	25 4	2 35	22 24	0 52	21 28	0 5	24 31	1 7	15 54	1 0	12 6	1 49	22 11	0 1	0 45	1 20	0 22	15 49	22 43	22 31	13 55	4 59	6 5	
S 26	21 5	24 50	1 23	22 54	1 2	21 42	0 2	24 30	1 7	15 52	0 59	12 5	1 49	22 11	0 1	0 44	1 20	0 21	15 49	22 43	22 32	13 57	4 59	6 6	
M27	21 16	23 0	0 8	23 21	1 11	21 56	0n 0	24 29	1 7	15 49	0 59	12 4	1 49	22 12	0 1	0 44	1 20	0 21	15 49	22 43	22 32	13 59	4 58	6 6	
T 28	21 26	19 52	1n 6	23 46	1 19	22 9	0 3	24 27	1 7	15 47	0 59	12 3	1 49	22 12	0 1	0 43	1 20	0 21	15 49	22 43	22 32	14 2	4 58	6 6	
W29	21 35	15 47	2 13	24 8	1 27	22 21	0 5	24 25	1 7	15 45	0 59	12 2	1 49	22 13	0 1	0 43	1 20	0 21	15 50	22 43	22 33	14 4	4 57	6 7	
T 30	21 44	11 7	3 13	24 28	1 34	22 33	0 7	24 24	1 7	15 42	0 59	12 1	1 49	22 13	0 1	0 42	1 20	0 20	15 50	22 43	22 33	14 7	4 57	6 7	
F 31	21n53	6s 6	4n 1	24n45	1n40	22n44	0n10	24n22	1n 8	15n40	0n59	12n 0	1n49	22n14	0s 1	0s42	1s20	0s20	15s50	22s43	22s33	14n 9	4s56	6n 7	

Julian Day Number = 2400896.5, Delta T = 8.95 sec
Ecliptic obliquity = 23°27'29, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°48'14, Lahiri = 21°55'14

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ASTRODIENST EPHEMERIS for the year 1861
geocentric

JUNE 1861 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 37 50	10♊25'45	16♓45	22♊ 5	15♊54	8♋19	20♌26	3♍19	12♊ 1	1♈20	9♉40	14°R 5	15♑26	24♈24	2♓19	S 1
S 2	16 41 47	11°23'12	28°46	24° 6	17° 7	8°58	20°34	3°22	12° 5	1°21	9°41	14♑ 4	15°23	24°31	2°19	S 2
M 3	16 45 43	12°20'39	10♈40	26° 5	18°21	9°37	20°42	3°25	12° 8	1°22	9°43	14° 1	15°20	24°38	2°20	M 3
T 4	16 49 40	13°18'04	22°31	28° 1	19°35	10°15	20°50	3°28	12°12	1°23	9°44	13°57	15°17	24°45	2°20	T 4
W 5	16 53 37	14°15'29	4♉24	29°55	20°49	10°54	20°59	3°31	12°15	1°24	9°45	13°52	15°14	24°51	2°R20	W 5
T 6	16 57 33	15°12'54	16°22	1♋47	22° 2	11°32	21° 7	3°34	12°19	1°25	9°46	13°47	15°11	24°58	2°20	T 6
F 7	17 1 30	16°10'18	28°26	3°36	23°16	12°11	21°15	3°37	12°22	1°26	9°47	13°42	15° 7	25° 5	2°20	F 7
S 8	17 5 26	17° 7'41	10♊39	5°23	24°30	12°49	21°24	3°41	12°26	1°27	9°48	13°39	15° 4	25°11	2°20	S 8
S 9	17 9 23	18° 5'03	23° 2	7° 7	25°43	13°28	21°33	3°44	12°29	1°28	9°49	13°36	15° 1	25°18	2°19	S 9
M10	17 13 19	19° 2'25	5♋37	8°48	26°57	14° 6	21°42	3°48	12°33	1°29	9°51	13°34	14°58	25°25	2°19	M10
T 11	17 17 16	19°59'45	18°23	10°28	28°11	14°45	21°51	3°52	12°36	1°29	9°52	13°D34	14°55	25°32	2°19	T 11
W12	17 21 13	20°57'05	1♌22	12° 4	29°24	15°23	22° 0	3°55	12°40	1°30	9°53	13°35	14°51	25°38	2°19	W12
T 13	17 25 9	21°54'24	14°35	13°38	0♋38	16° 1	22° 9	3°59	12°43	1°31	9°54	13°36	14°48	25°45	2°18	T 13
F 14	17 29 6	22°51'43	28° 3	15° 9	1°52	16°40	22°18	4° 3	12°47	1°31	9°55	13°38	14°45	25°52	2°18	F 14
S 15	17 33 2	23°49'00	11♍45	16°38	3° 5	17°18	22°27	4° 7	12°50	1°32	9°56	13°39	14°42	25°58	2°17	S 15
S 16	17 36 59	24°46'16	25°43	18° 3	4°19	17°57	22°37	4°11	12°54	1°33	9°57	13°R39	14°39	26° 5	2°16	S 16
M17	17 40 55	25°43'32	9♎55	19°27	5°33	18°35	22°46	4°15	12°57	1°33	9°58	13°39	14°36	26°12	2°16	M17
T 18	17 44 52	26°40'47	24°20	20°47	6°46	19°13	22°56	4°20	13° 1	1°34	9°59	13°38	14°32	26°19	2°15	T 18
W19	17 48 48	27°38'01	8♏53	22° 5	8° 0	19°52	23° 6	4°24	13° 4	1°34	10° 0	13°36	14°29	26°25	2°14	W19
T 20	17 52 45	28°35'14	23°30	23°19	9°14	20°30	23°15	4°28	13° 8	1°35	10° 1	13°34	14°26	26°32	2°14	T 20
F 21	17 56 42	29°32'27	8♐ 5	24°31	10°27	21° 8	23°25	4°33	13°11	1°35	10° 2	13°32	14°23	26°39	2°13	F 21
S 22	18 0 38	0♋29'40	22°31	25°40	11°41	21°47	23°35	4°37	13°15	1°36	10° 3	13°31	14°20	26°46	2°12	S 22
S 23	18 4 35	1°26'52	6♑43	26°46	12°54	22°25	23°45	4°42	13°18	1°36	10° 4	13°D30	14°17	26°52	2°11	S 23
M24	18 8 31	2°24'03	20°37	27°49	14° 8	23° 3	23°56	4°47	13°21	1°37	10° 5	13°30	14°13	26°59	2°10	M24
T 25	18 12 28	3°21'15	4♒ 9	28°48	15°22	23°42	24° 6	4°51	13°25	1°37	10° 6	13°31	14°10	27° 6	2° 9	T 25
W26	18 16 24	4°18'26	17°19	29°45	16°35	24°20	24°16	4°56	13°28	1°37	10° 6	13°32	14° 7	27°12	2° 7	W26
T 27	18 20 21	5°15'38	0♓ 7	0♌38	17°49	24°58	24°27	5° 1	13°32	1°37	10° 7	13°33	14° 4	27°19	2° 6	T 27
F 28	18 24 17	6°12'49	12°37	1°27	19° 2	25°36	24°37	5° 6	13°35	1°38	10° 8	13°33	14° 1	27°26	2° 5	F 28
S 29	18 28 14	7°10'01	24°51	2°13	20°16	26°15	24°48	5°11	13°38	1°38	10° 9	13°34	13°57	27°33	2° 4	S 29
S 30	18 32 11	8♋ 7'12	6♈53	2♌55	21♋29	26♋53	24♌58	5♍16	13♊42	1♈38	10♉10	13°R34	13♑54	27♈39	2♓ 2	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 2	0s58	4n37	24n59	1n46	22n55	0n12	24n19	1n 8	15n37	0n59	11n59	1n49	22n14	0s 1	0s42	1s20	0s20	15s50	22s43	22s34	14n11	4s56	6n 8
S 2	22 10	4n 6	5 1	25 10	1 51	23 4	0 14	24 17	1 8	15 34	0 59	11 58	1 48	22 14	0 1	0 41	1 20	0 20	15 50	22 43	22 34	14 14	4 55	6 8
M 3	22 18	8 59	5 11	25 19	1 55	23 14	0 17	24 14	1 8	15 32	0 59	11 57	1 48	22 15	0 1	0 41	1 20	0 20	15 50	22 43	22 35	14 16	4 55	6 8
T 4	22 25	13 32	5 8	25 25	1 59	23 22	0 19	24 12	1 8	15 29	0 59	11 56	1 48	22 15	0 1	0 41	1 20	0 19	15 50	22 44	22 35	14 18	4 55	6 9
W 5	22 32	17 35	4 52	25 29	2 1	23 30	0 22	24 9	1 8	15 26	0 59	11 54	1 48	22 16	0 1	0 40	1 20	0 19	15 51	22 44	22 35	14 21	4 54	6 9
T 6	22 38	20 57	4 23	25 30	2 3	23 37	0 24	24 5	1 8	15 24	0 58	11 53	1 48	22 16	0 1	0 40	1 20	0 19	15 51	22 45	22 36	14 23	4 54	6 9
F 7	22 44	23 26	3 42	25 29	2 4	23 43	0 26	24 2	1 8	15 21	0 58	11 52	1 48	22 17	0 1	0 40	1 20	0 19	15 51	22 45	22 36	14 25	4 54	6 10
S 8	22 50	24 53	2 51	25 26	2 5	23 49	0 29	23 59	1 9	15 18	0 58	11 50	1 48	22 17	0 1	0 39	1 20	0 19	15 51	22 45	22 36	14 28	4 54	6 10
S 9	22 55	25 7	1 50	25 20	2 5	23 54	0 31	23 55	1 9	15 15	0 58	11 49	1 48	22 18	0 1	0 39	1 21	0 19	15 51	22 46	22 37	14 30	4 53	6 10
M10	23 0	24 4	0 44	25 13	2 4	23 58	0 33	23 51	1 9	15 12	0 58	11 48	1 47	22 18	0 1	0 39	1 21	0 18	15 51	22 46	22 37	14 33	4 53	6 11
T 11	23 5	21 46	0s26	25 4	2 2	24 2	0 35	23 47	1 9	15 9	0 58	11 46	1 47	22 19	0 1	0 38	1 21	0 18	15 52	22 46	22 37	14 35	4 53	6 11
W12	23 9	18 18	1 36	24 53	1 59	24 5	0 38	23 43	1 9	15 6	0 58	11 45	1 47	22 19	0 1	0 38	1 21	0 18	15 52	22 46	22 38	14 37	4 53	6 11
T 13	23 13	13 53	2 42	24 41	1 56	24 7	0 40	23 38	1 9	15 3	0 58	11 43	1 47	22 20	0 1	0 38	1 21	0 18	15 52	22 46	22 38	14 40	4 53	6 12
F 14	23 16	8 42	3 41	24 27	1 52	24 9	0 42	23 34	1 9	15 0	0 58	11 42	1 47	22 20	0 1	0 38	1 21	0 18	15 52	22 46	22 38	14 42	4 52	6 12
S 15	23 19	3 2	4 28	24 12	1 47	24 9	0 44	23 29	1 9	14 57	0 58	11 40	1 47	22 21	0 1	0 37	1 21	0 18	15 52	22 45	22 39	14 44	4 52	6 12
S 16	23 21	2s53	5 0	23 56	1 42	24 9	0 46	23 24	1 9	14 54	0 58	11 38	1 47	22 21	0 1	0 37	1 21	0 18	15 53	22 45	22 39	14 46	4 52	6 13
M17	23 23	8 45	5 15	23 38	1 36	24 9	0 48	23 19	1 9	14 51	0 58	11 37	1 47	22 21	0 1	0 37	1 21	0 18	15 53	22 45	22 39	14 49	4 52	6 13
T 18	23 25	14 14	5 10	23 19	1 30	24 7	0 50	23 13	1 9	14 47	0 58	11 35	1 47	22 22	0 1	0 37	1 21	0 17	15 53	22 46	22 40	14 51	4 52	6 13
W19	23 26	18 58	4 45	23 0	1 22	24 5	0 52	23 8	1 9	14 44	0 57	11 33	1 46	22 22	0 1	0 37	1 21	0 17	15 53	22 46	22 40	14 53	4 52	6 13
T 20	23 27	22 34	4 2	22 40	1 14	24 2	0 54	23 2	1 9	14 41	0 57	11 32	1 46	22 23	0 1	0 37	1 21	0 17	15 54	22 46	22 41	14 56	4 52	6 14
F 21	23 27	24 41	3 3	22 19	1 6	23 59	0 56	22 56	1 10	14 37	0 57	11 30	1 46	22 23	0 1	0 36	1 21	0 17	15 54	22 46	22 41	14 58	4 52	6 14
S 22	23 27	25 8	1 53	21 57	0 57	23 55	0 58	22 50	1 10	14 34	0 57	11 28	1 46	22 24	0 1	0 36	1 21	0 17	15 54	22 46	22 41	15 0	4 52	6 14
S 23	23 27	23 55	0 37	21 35	0 47	23 50	1 0	22 44	1 10	14 31	0 57	11 26	1 46	22 24	0 1	0 36	1 21	0 17	15 54	22 46	22 42	15 3	4 52	6 15
M24	23 26	21 14	0n39	21 13	0 37	23 44	1 2	22 38	1 10	14 27	0 57	11 25	1 46	22 25	0 1	0 36	1 21	0 17	15 54	22 46	22 42	15 5	4 52	6 15
T 25	23 25	17 25	1 52	20 50	0 26	23 38	1 4	22 31	1 10	14 24	0 57	11 23	1 46	22 25	0 1	0 36	1 21	0 17	15 55	22 46	22 42	15 7	4 52	6 15
W26	23 23	12 51	2 56	20 28	0 15	23 31	1 5	22 25	1 10	14 20	0 57	11 21	1 46	22 25	0 1	0 36	1 21	0 17	15 55	22 46	22 43	15 9	4 53	6 16
T 27	23 21	7 50	3 50	20 5	0 3	23 23	1 7	22 18	1 10	14 17	0 57	11 19	1 46	22 26	0 1	0 36	1 21	0 17	15 55	22 46	22 43	15 12	4 53	6 16
F 28	23 19	2 38	4 32	19 42	0s10	23 14	1 9	22 11	1 10	14 13	0 57	11 17	1 46	22 26	0 1	0 36	1 22	0 17	15 55	22 46	22 43	15 14	4 53	6 16
S 29	23 16	2n33	5 0	19 19	0 22	23 5	1 10	22 4	1 10	14 10	0 57	11 15	1 45	22 27	0 1	0 36	1 22	0 17	15 56	22 46	22 44	15 16	4 53	6 16
S 30	23n13	7n33	5n15	18n57	0s36	22n56	1n12	21n56	1n10	14n 6	0n57	11n13	1n45	22n27	0s 1	0s36	1s22	0s17	15s56	22s46	22s44	15n18	4s53	6n17

Julian Day Number = 2400927.5, Delta T = 8.96 sec
Ecliptic obliquity = 23°27'28, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°48'18, Lahiri = 21°55'19

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ASTRODIENST EPHEMERIS for the year 1861
geocentric

JULY 1861 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 36 7	9♋ 4'24	18♈49	3♌34	22♋43	27♋31	25♌ 9	5♍22	13♊45	1♈38	10♉11	13°R34	13♏51	27♈46	2°R 1	M 1
T 2	18 40 4	10° 1'36	0♉42	4° 8	23°56	28° 9	25°20	5°27	13°48	1°38	10°11	13♏34	13°48	27°53	1♓59	T 2
W 3	18 44 0	10°58'49	12°36	4°38	25°10	28°48	25°31	5°32	13°51	1°38	10°12	13°33	13°45	27°59	1°58	W 3
T 4	18 47 57	11°56'01	24°37	5° 4	26°24	29°26	25°42	5°38	13°55	1°38	10°13	13°33	13°42	28° 6	1°56	T 4
F 5	18 51 53	12°53'14	6♊47	5°26	27°37	0♌ 4	25°53	5°43	13°58	1°R38	10°14	13°33	13°38	28°13	1°54	F 5
S 6	18 55 50	13°50'27	19° 9	5°43	28°51	0°42	26° 4	5°49	14° 1	1°38	10°14	13°D33	13°35	28°20	1°53	S 6
S 7	18 59 46	14°47'41	1♋46	5°56	0♌ 4	1°20	26°15	5°54	14° 4	1°38	10°15	13°33	13°32	28°26	1°51	S 7
M 8	19 3 43	15°44'54	14°38	6° 4	1°18	1°59	26°26	6° 0	14° 7	1°38	10°16	13°R33	13°29	28°33	1°49	M 8
T 9	19 7 40	16°42'08	27°46	6°R 8	2°31	2°37	26°38	6° 6	14°10	1°38	10°16	13°33	13°26	28°40	1°47	T 9
W10	19 11 36	17°39'22	11♌ 9	6° 6	3°45	3°15	26°49	6°12	14°14	1°38	10°17	13°33	13°23	28°46	1°46	W10
T 11	19 15 33	18°36'36	24°46	6° 0	4°58	3°53	27° 1	6°17	14°17	1°38	10°18	13°32	13°19	28°53	1°44	T 11
F 12	19 19 29	19°33'50	8♍35	5°49	6°12	4°31	27°12	6°23	14°20	1°38	10°18	13°31	13°16	29° 0	1°42	F 12
S 13	19 23 26	20°31'04	22°34	5°34	7°25	5° 9	27°24	6°29	14°23	1°37	10°19	13°31	13°13	29° 7	1°40	S 13
S 14	19 27 22	21°28'18	6♎41	5°14	8°39	5°48	27°35	6°35	14°26	1°37	10°19	13°30	13°10	29°13	1°38	S 14
M15	19 31 19	22°25'32	20°53	4°49	9°52	6°26	27°47	6°41	14°29	1°37	10°20	13°D30	13° 7	29°20	1°35	M15
T 16	19 35 15	23°22'47	5♏ 7	4°21	11° 6	7° 4	27°59	6°48	14°32	1°36	10°20	13°30	13° 3	29°27	1°33	T 16
W17	19 39 12	24°20'01	19°23	3°49	12°19	7°42	28°10	6°54	14°35	1°36	10°21	13°31	13° 0	29°33	1°31	W17
T 18	19 43 9	25°17'16	3♐35	3°14	13°33	8°20	28°22	7° 0	14°37	1°36	10°21	13°32	12°57	29°40	1°29	T 18
F 19	19 47 5	26°14'31	17°43	2°36	14°46	8°58	28°34	7° 6	14°40	1°35	10°22	13°33	12°54	29°47	1°27	F 19
S 20	19 51 2	27°11'47	1♑42	1°56	16° 0	9°36	28°46	7°13	14°43	1°35	10°22	13°33	12°51	29°54	1°24	S 20
S 21	19 54 58	28° 9'03	15°29	1°15	17°13	10°14	28°58	7°19	14°46	1°34	10°23	13°R34	12°48	0♉ 0	1°22	S 21
M22	19 58 55	29° 6'19	29° 3	0°32	18°26	10°53	29°10	7°26	14°49	1°34	10°23	13°33	12°44	0° 7	1°20	M22
T 23	20 2 51	0♌ 3'36	12♒21	29♋50	19°40	11°31	29°22	7°32	14°52	1°33	10°23	13°32	12°41	0°14	1°17	T 23
W24	20 6 48	1° 0'53	25°22	29° 8	20°53	12° 9	29°34	7°39	14°54	1°32	10°24	13°30	12°38	0°21	1°15	W24
T 25	20 10 45	1°58'12	8♓ 6	28°28	22° 6	12°47	29°47	7°45	14°57	1°32	10°24	13°27	12°35	0°27	1°12	T 25
F 26	20 14 41	2°55'31	20°33	27°50	23°20	13°25	29°59	7°52	15° 0	1°31	10°25	13°24	12°32	0°34	1°10	F 26
S 27	20 18 38	3°52'51	2♈47	27°15	24°33	14° 3	0♍11	7°58	15° 2	1°30	10°25	13°22	12°29	0°41	1° 7	S 27
S 28	20 22 34	4°50'12	14°50	26°43	25°47	14°41	0°23	8° 5	15° 5	1°30	10°25	13°20	12°25	0°47	1° 4	S 28
M29	20 26 31	5°47'34	26°45	26°16	27° 0	15°19	0°36	8°12	15° 7	1°29	10°25	13°18	12°22	0°54	1° 2	M29
T 30	20 30 27	6°44'58	8♉38	25°54	28°13	15°57	0°48	8°19	15°10	1°28	10°26	13°D18	12°19	1° 1	0°59	T 30
W31	20 34 24	7♌42'22	20♉33	25♋36	29♌26	16♌35	1♍ 1	8♍26	15♊12	1♈27	10♉26	13♏19	12♏16	1♉ 8	0♓57	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 9	12n14	5n15	18n35	0s49	22n45	1n14	21n49	1n10	14n 2	0n57	11n11	1n45	22n27	0s 1	0s36	1s22	0s17	15s56	22s46	22s44	15n21	4s54	6n17
T 2	23 5	16 27	5 3	18 13	1 3	22 34	1 15	21 41	1 10	13 59	0 57	11 9	1 45	22 28	0 1	0 36	1 22	0 17	15 56	22 46	22 45	15 23	4 54	6 17
W 3	23 0	20 2	4 37	17 52	1 17	22 22	1 16	21 34	1 10	13 55	0 57	11 7	1 45	22 28	0 1	0 36	1 22	0 17	15 57	22 46	22 45	15 25	4 54	6 17
T 4	22 55	22 48	3 59	17 32	1 32	22 10	1 18	21 26	1 10	13 51	0 57	11 5	1 45	22 29	0 1	0 36	1 22	0 17	15 57	22 46	22 45	15 27	4 55	6 18
F 5	22 50	24 35	3 10	17 12	1 47	21 57	1 19	21 18	1 10	13 47	0 57	11 3	1 45	22 29	0 1	0 36	1 22	0 17	15 57	22 46	22 46	15 30	4 55	6 18
S 6	22 44	25 12	2 11	16 53	2 2	21 43	1 20	21 9	1 10	13 44	0 57	11 1	1 45	22 29	0 1	0 36	1 22	0 17	15 57	22 46	22 46	15 32	4 55	6 18
S 7	22 38	24 32	1 5	16 36	2 17	21 29	1 21	21 1	1 10	13 40	0 56	10 59	1 45	22 30	0 1	0 36	1 22	0 17	15 58	22 46	22 46	15 34	4 56	6 18
M 8	22 32	22 33	0s 6	16 19	2 32	21 14	1 23	20 52	1 10	13 36	0 56	10 56	1 45	22 30	0 1	0 36	1 22	0 17	15 58	22 46	22 46	15 36	4 56	6 19
T 9	22 25	19 21	1 18	16 4	2 47	20 58	1 24	20 44	1 10	13 32	0 56	10 54	1 45	22 31	0 1	0 36	1 22	0 17	15 58	22 46	22 47	15 39	4 56	6 19
W10	22 18	15 5	2 27	15 50	3 1	20 42	1 25	20 35	1 10	13 28	0 56	10 52	1 45	22 31	0 1	0 36	1 22	0 17	15 59	22 46	22 47	15 41	4 57	6 19
T 11	22 10	10 0	3 29	15 38	3 16	20 25	1 26	20 26	1 10	13 24	0 56	10 50	1 45	22 31	0 1	0 36	1 22	0 17	15 59	22 46	22 47	15 43	4 57	6 19
F 12	22 2	4 21	4 20	15 27	3 30	20 8	1 27	20 17	1 10	13 20	0 56	10 47	1 44	22 32	0 1	0 37	1 22	0 18	15 59	22 46	22 48	15 45	4 58	6 20
S 13	21 53	1s34	4 56	15 17	3 43	19 50	1 27	20 7	1 10	13 16	0 56	10 45	1 44	22 32	0 1	0 37	1 22	0 18	15 59	22 46	22 48	15 47	4 58	6 20
S 14	21 45	7 28	5 14	15 10	3 56	19 32	1 28	19 58	1 10	13 12	0 56	10 43	1 44	22 32	0 1	0 37	1 22	0 18	16 0	22 46	22 48	15 50	4 59	6 20
M15	21 35	13 0	5 14	15 4	4 8	19 13	1 29	19 49	1 10	13 8	0 56	10 41	1 44	22 33	0 1	0 37	1 22	0 18	16 0	22 46	22 49	15 52	4 59	6 20
T 16	21 26	17 51	4 54	15 0	4 19	18 53	1 29	19 39	1 10	13 4	0 56	10 38	1 44	22 33	0 1	0 37	1 22	0 18	16 0	22 46	22 49	15 54	5 0	6 20
W17	21 16	21 42	4 17	14 57	4 29	18 33	1 30	19 29	1 10	13 0	0 56	10 36	1 44	22 33	0 1	0 37	1 23	0 18	16 1	22 46	22 49	15 56	5 1	6 21
T 18	21 6	24 13	3 23	14 57	4 37	18 13	1 31	19 19	1 10	12 56	0 56	10 33	1 44	22 34	0 1	0 38	1 23	0 18	16 1	22 46	22 50	15 58	5 1	6 21
F 19	20 55	25 11	2 18	14 58	4 44	17 52	1 31	19 9	1 10	12 51	0 56	10 31	1 44	22 34	0 1	0 38	1 23	0 18	16 1	22 46	22 50	16 0	5 2	6 21
S 20	20 44	24 32	1 5	15 2	4 50	17 30	1 31	18 59	1 10	12 47	0 56	10 29	1 44	22 34	0 0	0 38	1 23	0 19	16 2	22 46	22 50	16 3	5 2	6 21
S 21	20 33	22 23	0n11	15 7	4 54	17 9	1 32	18 49	1 10	12 43	0 56	10 26	1 44	22 35	0 0	0 38	1 23	0 19	16 2	22 46	22 51	16 5	5 3	6 21
M22	20 21	18 59	1 25	15 13	4 57	16 46	1 32	18 38	1 10	12 39	0 56	10 24	1 44	22 35	0 0	0 39	1 23	0 19	16 2	22 46	22 51	16 7	5 4	6 22
T 23	20 9	14 40	2 32	15 21	4 57	16 23	1 32	18 28	1 10	12 35	0 56	10 21	1 44	22 35	0 0	0 39	1 23	0 19	16 2	22 46	22 51	16 9	5 4	6 22
W24	19 57	9 46	3 31	15 31	4 56	16 0	1 32	18 17	1 10	12 30	0 56	10 19	1 44	22 36	0 0	0 39	1 23	0 19	16 3	22 46	22 51	16 11	5 5	6 22
T 25	19 44	4 34	4 17	15 41	4 54	15 36	1 32	18 6	1 10	12 26	0 56	10 16	1 44	22 36	0 0	0 40	1 23	0 20	16 3	22 47	22 52	16 13	5 6	6 22
F 26	19 31	0n42	4 50	15 53	4 49	15 12	1 32	17 55	1 10	12 22	0 56	10 14	1 44	22 36	0 0	0 40	1 23	0 20	16 3	22 47	22 52	16 15	5 7	6 22
S 27	19 18	5 50	5 9	16 6	4 43	14 48	1 32	17 44	1 10	12 17	0 56	10 11	1 44	22 37	0 0	0 40	1 23	0 20	16 4	22 47	22 52	16 18	5 7	6 22
S 28	19 4	10 40	5 14	16 20	4 35	14 23	1 32	17 33	1 10	12 13	0 56	10 9	1 44	22 37	0 0	0 40	1 23	0 20	16 4	22 47	22 53	16 20	5 8	6 22
M29	18 50	15 4	5 6	16 34	4 26	13 57	1 32	17 22	1 9	12 9	0 56	10 6	1 44	22 37	0 0	0 41	1 23	0 20	16 4	22 48	22 53	16 22	5 9	6 23
T 30	18 36	18 52	4 44	16 48	4 15	13 32	1 31	17 10	1 9	12 4	0 56	10 4	1 44	22 37	0 0	0 41	1 23	0 21	16 5	22 48	22 53	16 24	5 10	6 23
W31	18n21	21n55	4n11	17n 3	4s 3	13n 6	1n31	16n59	1n 9	12n 0	0n56	10n 1	1n44	22n38	0s 0	0s42	1s23	0s21	16s 5	22s48	22s54	16n26	5s11	6n23

Julian Day Number = 2400957.5, Delta T = 8.96 sec
Ecliptic obliquity = 23°27'28, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°48'22, Lahiri = 21°55'23

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ASTRODIENST EPHEMERIS for the year 1861
geocentric

AUGUST 1861 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 38 20	8♌39'48	2♊34	25°R25	0♍40	17♌14	1♍13	8♍32	15♊15	1°R27	10♉26	13♑20	12♑13	1♉14	0°R54	T 1
F 2	20 42 17	9°37'15	14°47	25°D19	1°53	17°52	1°26	8°39	15°17	1♈26	10°26	13°22	12° 9	1°21	0♓51	F 2
S 3	20 46 13	10°34'43	27°15	25♋20	3° 6	18°30	1°38	8°46	15°19	1°25	10°26	13°23	12° 6	1°28	0°48	S 3
S 4	20 50 10	11°32'12	10♋ 1	25°27	4°20	19° 8	1°51	8°53	15°22	1°24	10°27	13°R24	12° 3	1°34	0°46	S 4
M 5	20 54 7	12°29'43	23° 8	25°41	5°33	19°46	2° 3	9° 0	15°24	1°23	10°27	13°23	12° 0	1°41	0°43	M 5
T 6	20 58 3	13°27'14	6♌35	26° 2	6°46	20°24	2°16	9° 7	15°26	1°22	10°27	13°22	11°57	1°48	0°40	T 6
W 7	21 2 0	14°24'47	20°23	26°29	7°59	21° 2	2°29	9°14	15°29	1°21	10°27	13°19	11°54	1°55	0°37	W 7
T 8	21 5 56	15°22'20	4♍27	27° 3	9°13	21°40	2°41	9°21	15°31	1°20	10°27	13°14	11°50	2° 1	0°34	T 8
F 9	21 9 53	16°19'55	18°44	27°44	10°26	22°19	2°54	9°29	15°33	1°19	10°27	13°10	11°47	2° 8	0°31	F 9
S 10	21 13 49	17°17'31	3♎ 7	28°32	11°39	22°57	3° 7	9°36	15°35	1°18	10°R27	13° 5	11°44	2°15	0°28	S 10
S 11	21 17 46	18°15'07	17°33	29°26	12°52	23°35	3°20	9°43	15°37	1°17	10°27	13° 1	11°41	2°21	0°25	S 11
M12	21 21 42	19°12'45	1♏55	0♌26	14° 5	24°13	3°32	9°50	15°39	1°16	10°27	12°58	11°38	2°28	0°23	M12
T 13	21 25 39	20°10'23	16°11	1°33	15°18	24°51	3°45	9°57	15°41	1°15	10°27	12°D57	11°35	2°35	0°20	T 13
W14	21 29 36	21° 8'03	0♐17	2°45	16°32	25°29	3°58	10° 5	15°43	1°13	10°27	12°57	11°31	2°42	0°17	W14
T 15	21 33 32	22° 5'43	14°13	4° 3	17°45	26° 7	4°11	10°12	15°45	1°12	10°27	12°58	11°28	2°48	0°14	T 15
F 16	21 37 29	23° 3'25	27°58	5°27	18°58	26°45	4°24	10°19	15°47	1°11	10°27	13° 0	11°25	2°55	0°11	F 16
S 17	21 41 25	24° 1'07	11♑32	6°55	20°11	27°24	4°37	10°27	15°48	1°10	10°26	13°R 0	11°22	3° 2	0° 8	S 17
S 18	21 45 22	24°58'51	24°54	8°29	21°24	28° 2	4°50	10°34	15°50	1° 9	10°26	13° 0	11°19	3° 8	0° 5	S 18
M19	21 49 18	25°56'36	8♒ 5	10° 6	22°37	28°40	5° 3	10°41	15°52	1° 7	10°26	12°57	11°15	3°15	0° 2	M19
T 20	21 53 15	26°54'22	21° 3	11°48	23°50	29°18	5°16	10°49	15°53	1° 6	10°26	12°53	11°12	3°22	29♒59	T 20
W21	21 57 12	27°52'10	3♓49	13°33	25° 3	29°56	5°29	10°56	15°55	1° 5	10°26	12°46	11° 9	3°29	29°56	W21
T 22	22 1 8	28°49'59	16°22	15°21	26°16	0♍34	5°42	11° 4	15°57	1° 3	10°25	12°38	11° 6	3°35	29°53	T 22
F 23	22 5 5	29°47'50	28°42	17°12	27°29	1°12	5°55	11°11	15°58	1° 2	10°25	12°30	11° 3	3°42	29°50	F 23
S 24	22 9 1	0♍45'42	10♈52	19° 5	28°42	1°51	6° 7	11°18	16° 0	1° 1	10°25	12°21	11° 0	3°49	29°47	S 24
S 25	22 12 58	1°43'36	22°52	20°59	29°55	2°29	6°21	11°26	16° 1	0°59	10°25	12°14	10°56	3°55	29°44	S 25
M26	22 16 54	2°41'31	4♉46	22°55	1♎ 7	3° 7	6°34	11°33	16° 2	0°58	10°24	12° 8	10°53	4° 2	29°41	M26
T 27	22 20 51	3°39'29	16°37	24°52	2°20	3°45	6°47	11°41	16° 4	0°56	10°24	12° 5	10°50	4° 9	29°38	T 27
W28	22 24 47	4°37'28	28°30	26°50	3°33	4°23	7° 0	11°48	16° 5	0°55	10°24	12° 3	10°47	4°16	29°35	W28
T 29	22 28 44	5°35'30	10♊29	28°48	4°46	5° 2	7°13	11°56	16° 6	0°54	10°23	12°D 3	10°44	4°22	29°32	T 29
F 30	22 32 40	6°33'33	22°40	0♍46	5°59	5°40	7°26	12° 3	16° 8	0°52	10°23	12° 4	10°40	4°29	29°29	F 30
S 31	22 36 37	7♍31'38	5♋ 8	2♍44	7♎12	6♍18	7♍39	12♍11	16♊ 9	0♈51	10♉22	12♑ 4	10♑37	4♉36	29♒26	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 7	24n 3	3n26	17n18	3s50	12n39	1n30	16n47	1n 9	11n55	0n56	9n58	1n44	22n38	0s 0	0s42	1s23	0s21	16s 5	22s47	22s54	16n28	5s11	6n23
F 2	17 51	25 5	2 31	17 32	3 36	12 13	1 30	16 35	1 9	11 51	0 56	9 56	1 43	22 38	0 0	0 42	1 23	0 21	16 6	22 47	22 54	16 30	5 12	6 23
S 3	17 36	24 53	1 27	17 47	3 22	11 45	1 29	16 23	1 9	11 46	0 56	9 53	1 43	22 39	0 0	0 43	1 23	0 22	16 6	22 47	22 54	16 32	5 13	6 23
S 4	17 20	23 23	0 19	18 1	3 6	11 18	1 28	16 11	1 9	11 42	0 56	9 51	1 43	22 39	0 0	0 43	1 23	0 22	16 6	22 47	22 55	16 34	5 14	6 23
M 5	17 4	20 36	0s53	18 14	2 51	10 51	1 28	15 59	1 9	11 37	0 56	9 48	1 43	22 39	0 0	0 43	1 23	0 22	16 6	22 47	22 55	16 37	5 15	6 23
T 6	16 48	16 39	2 3	18 26	2 34	10 23	1 27	15 47	1 9	11 33	0 56	9 45	1 43	22 39	0 0	0 44	1 23	0 22	16 7	22 47	22 55	16 39	5 16	6 23
W 7	16 31	11 44	3 8	18 37	2 18	9 54	1 26	15 35	1 9	11 28	0 56	9 42	1 43	22 40	0 0	0 44	1 23	0 23	16 7	22 47	22 56	16 41	5 17	6 23
T 8	16 14	6 7	4 3	18 47	2 1	9 26	1 25	15 23	1 9	11 24	0 56	9 40	1 43	22 40	0 0	0 45	1 24	0 23	16 7	22 48	22 56	16 43	5 18	6 23
F 9	15 57	0 7	4 43	18 55	1 45	8 57	1 24	15 10	1 9	11 19	0 56	9 37	1 43	22 40	0 0	0 45	1 24	0 23	16 8	22 48	22 56	16 45	5 19	6 23
S 10	15 40	5s56	5 6	19 2	1 28	8 28	1 23	14 58	1 9	11 14	0 56	9 34	1 43	22 40	0 0	0 46	1 24	0 23	16 8	22 49	22 56	16 47	5 20	6 24
S 11	15 22	11 40	5 10	19 7	1 12	7 59	1 22	14 45	1 8	11 10	0 56	9 32	1 43	22 41	0 0	0 46	1 24	0 24	16 8	22 49	22 57	16 49	5 21	6 24
M12	15 4	16 45	4 54	19 9	0 56	7 30	1 20	14 32	1 8	11 5	0 56	9 29	1 43	22 41	0 0	0 47	1 24	0 24	16 9	22 50	22 57	16 51	5 22	6 24
T 13	14 46	20 51	4 20	19 10	0 41	7 0	1 19	14 19	1 8	11 1	0 56	9 26	1 43	22 41	0 0	0 47	1 24	0 24	16 9	22 50	22 57	16 53	5 23	6 24
W14	14 28	23 40	3 31	19 9	0 26	6 31	1 18	14 6	1 8	10 56	0 56	9 23	1 43	22 41	0 0	0 48	1 24	0 25	16 9	22 50	22 57	16 55	5 24	6 24
T 15	14 9	25 0	2 30	19 4	0 11	6 1	1 16	13 53	1 8	10 51	0 56	9 21	1 43	22 41	0 0	0 48	1 24	0 25	16 10	22 49	22 58	16 57	5 25	6 24
F 16	13 51	24 47	1 21	18 58	0n 3	5 31	1 15	13 40	1 8	10 47	0 56	9 18	1 43	22 42	0 0	0 49	1 24	0 25	16 10	22 49	22 58	16 59	5 26	6 24
S 17	13 32	23 5	0 8	18 49	0 16	5 1	1 13	13 27	1 8	10 42	0 56	9 15	1 43	22 42	0 0	0 49	1 24	0 26	16 10	22 49	22 58	17 1	5 27	6 24
S 18	13 12	20 7	1n 4	18 36	0 28	4 30	1 11	13 14	1 8	10 37	0 56	9 12	1 43	22 42	0 0	0 50	1 24	0 26	16 10	22 49	22 59	17 3	5 28	6 24
M19	12 53	16 9	2 11	18 22	0 39	4 0	1 10	13 0	1 8	10 32	0 56	9 10	1 43	22 42	0 0	0 50	1 24	0 26	16 11	22 50	22 59	17 5	5 29	6 24
T 20	12 33	11 29	3 11	18 4	0 50	3 29	1 8	12 47	1 8	10 28	0 56	9 7	1 43	22 42	0 0	0 51	1 24	0 27	16 11	22 50	22 59	17 7	5 30	6 24
W21	12 13	6 24	4 0	17 43	1 0	2 59	1 6	12 33	1 7	10 23	0 56	9 4	1 43	22 43	0 0	0 51	1 24	0 27	16 11	22 51	22 59	17 9	5 31	6 24
T 22	11 53	1 9	4 36	17 20	1 9	2 28	1 4	12 20	1 7	10 18	0 56	9 1	1 43	22 43	0 0	0 52	1 24	0 27	16 12	22 51	23 0	17 11	5 32	6 23
F 23	11 33	4n 3	4 58	16 54	1 16	1 57	1 2	12 6	1 7	10 13	0 56	8 58	1 43	22 43	0 0	0 52	1 24	0 28	16 12	22 52	23 0	17 13	5 33	6 23
S 24	11 13	9 0	5 7	16 26	1 23	1 26	1 0	11 52	1 7	10 9	0 56	8 55	1 43	22 43	0 0	0 53	1 24	0 28	16 12	22 53	23 0	17 15	5 34	6 23
S 25	10 52	13 34	5 2	15 55	1 29	0 55	0 58	11 38	1 7	10 4	0 56	8 53	1 44	22 43	0 0	0 54	1 24	0 28	16 13	22 54	23 0	17 17	5 35	6 23
M26	10 31	17 34	4 44	15 22	1 34	0 24	0 56	11 24	1 7	9 59	0 56	8 50	1 44	22 43	0 0	0 54	1 24	0 29	16 13	22 54	23 1	17 19	5 36	6 23
T 27	10 10	20 51	4 13	14 47	1 39	0s 7	0 53	11 10	1 7	9 54	0 56	8 47	1 44	22 44	0 0	0 55	1 24	0 29	16 13	22 55	23 1	17 21	5 37	6 23
W28	9 49	23 17	3 32	14 10	1 42	0 38	0 51	10 56	1 7	9 50	0 57	8 44	1 44	22 44	0 0	0 55	1 24	0 30	16 13	22 55	23 1	17 23	5 39	6 23
T 29	9 28	24 42	2 41	13 32	1 44	1 9	0 49	10 42	1 6	9 45	0 57	8 41	1 44	22 44	0 0	0 56	1 24	0 30	16 14	22 55	23 1	17 25	5 40	6 23
F 30	9 7	24 57	1 42	12 51	1 46	1 40	0 46	10 28	1 6	9 40	0 57	8 38	1 44	22 44	0 0	0 57	1 24	0 30	16 14	22 55	23 2	17 27	5 41	6 23
S 31	8n45	23n59	0n37	12n10	1n47	2s11	0n44	10n14	1n 6	9n35	0n57	8n36	1n44	22n44	0s 0	0s57	1s24	0s31	16s14	22s55	23s 2	17n29	5s42	6n23

Julian Day Number = 2400988.5, Delta T = 8.96 sec
Ecliptic obliquity = 23°27'28, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°48'27, Lahiri = 21°55'27

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ASTRODIENST EPHEMERIS for the year 1861
geocentric

SEPTEMBER 1861 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 40 34	8♍29'45	17♋57	4♍42	8♎24	6♍56	7♍52	12♍19	16♊10	0°R49	10°R22	12°R 4	10♑34	4♉42	29°R23	S 1
M 2	22 44 30	9°27'54	1♌11	6°39	9°37	7°35	8° 5	12°26	16°11	0♈48	10♉22	12♑ 3	10°31	4°49	29♒20	M 2
T 3	22 48 27	10°26'05	14°51	8°35	10°50	8°13	8°18	12°34	16°12	0°46	10°21	11°59	10°28	4°56	29°17	T 3
W 4	22 52 23	11°24'18	28°56	10°31	12° 2	8°51	8°31	12°41	16°13	0°45	10°21	11°53	10°25	5° 2	29°14	W 4
T 5	22 56 20	12°22'32	13♍23	12°25	13°15	9°29	8°44	12°49	16°14	0°43	10°20	11°44	10°21	5° 9	29°11	T 5
F 6	23 0 16	13°20'48	28° 6	14°19	14°28	10° 8	8°57	12°56	16°14	0°41	10°19	11°35	10°18	5°16	29° 8	F 6
S 7	23 4 13	14°19'06	12♎57	16°12	15°40	10°46	9°10	13° 4	16°15	0°40	10°19	11°25	10°15	5°23	29° 5	S 7
S 8	23 8 9	15°17'26	27°46	18° 3	16°53	11°24	9°23	13°11	16°16	0°38	10°18	11°17	10°12	5°29	29° 2	S 8
M 9	23 12 6	16°15'47	12♏27	19°54	18° 6	12° 2	9°36	13°19	16°17	0°37	10°18	11°11	10° 9	5°36	29° 0	M 9
T 10	23 16 3	17°14'10	26°54	21°44	19°18	12°41	9°49	13°26	16°17	0°35	10°17	11° 7	10° 6	5°43	28°57	T 10
W11	23 19 59	18°12'34	11♐ 3	23°32	20°31	13°19	10° 2	13°34	16°18	0°33	10°17	11° 5	10° 2	5°49	28°54	W11
T 12	23 23 56	19°11'00	24°54	25°19	21°43	13°57	10°15	13°42	16°18	0°32	10°16	11°D 5	9°59	5°56	28°51	T 12
F 13	23 27 52	20° 9'28	8♑27	27° 6	22°56	14°36	10°28	13°49	16°19	0°30	10°15	11°R 6	9°56	6° 3	28°49	F 13
S 14	23 31 49	21° 7'57	21°44	28°51	24° 8	15°14	10°41	13°57	16°19	0°29	10°15	11° 5	9°53	6°10	28°46	S 14
S 15	23 35 45	22° 6'28	4♒46	0♎35	25°20	15°53	10°54	14° 4	16°20	0°27	10°14	11° 3	9°50	6°16	28°43	S 15
M16	23 39 42	23° 5'00	17°36	2°18	26°33	16°31	11° 6	14°12	16°20	0°25	10°13	10°58	9°46	6°23	28°40	M16
T 17	23 43 38	24° 3'34	0♓15	4° 0	27°45	17° 9	11°19	14°19	16°20	0°24	10°13	10°51	9°43	6°30	28°38	T 17
W18	23 47 35	25° 2'10	12°44	5°41	28°57	17°48	11°32	14°27	16°21	0°22	10°12	10°40	9°40	6°36	28°35	W18
T 19	23 51 32	26° 0'48	25° 4	7°21	0♏10	18°26	11°45	14°34	16°21	0°20	10°11	10°28	9°37	6°43	28°33	T 19
F 20	23 55 28	26°59'27	7♈14	9° 0	1°22	19° 4	11°58	14°41	16°21	0°19	10°10	10°14	9°34	6°50	28°30	F 20
S 21	23 59 25	27°58'09	19°17	10°38	2°34	19°43	12°11	14°49	16°21	0°17	10° 9	10° 1	9°31	6°57	28°28	S 21
S 22	0 3 21	28°56'53	1♉13	12°15	3°46	20°21	12°23	14°56	16°R21	0°15	10° 9	9°49	9°27	7° 3	28°25	S 22
M23	0 7 18	29°55'39	13° 4	13°51	4°58	21° 0	12°36	15° 4	16°21	0°14	10° 8	9°39	9°24	7°10	28°23	M23
T 24	0 11 14	0♎54'27	24°54	15°26	6°10	21°38	12°49	15°11	16°21	0°12	10° 7	9°31	9°21	7°17	28°20	T 24
W25	0 15 11	1°53'18	6♊45	17° 0	7°22	22°17	13° 1	15°18	16°21	0°10	10° 6	9°27	9°18	7°23	28°18	W25
T 26	0 19 7	2°52'10	18°42	18°33	8°34	22°55	13°14	15°26	16°20	0° 9	10° 5	9°25	9°15	7°30	28°16	T 26
F 27	0 23 4	3°51'05	0♋50	20° 6	9°46	23°34	13°27	15°33	16°20	0° 7	10° 4	9°24	9°12	7°37	28°13	F 27
S 28	0 27 1	4°50'03	13°14	21°37	10°58	24°12	13°39	15°40	16°20	0° 5	10° 4	9°24	9° 8	7°43	28°11	S 28
S 29	0 30 57	5°49'02	26° 0	23° 8	12°10	24°51	13°52	15°48	16°20	0° 4	10° 3	9°23	9° 5	7°50	28° 9	S 29
M30	0 34 54	6♎48'04	9♌12	24♎37	13♏22	25♍29	14♍ 4	15♍55	16♊19	0♈ 2	10♉ 2	9♑21	9♑ 2	7♉57	28♒ 7	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n23	21n44	0s31	11n27	1n47	2s42	0n41	10n 0	1n 6	9n30	0n57	8n33	1n44	22n44	0s 0	0s58	1s24	0s31	16s15	22s55	23s 2	17n31	5s43	6n23
M 2	8 2	18 17	1 40	10 43	1 46	3 13	0 39	9 45	1 6	9 25	0 57	8 30	1 44	22 44	0 0	0 58	1 24	0 32	16 15	22 55	23 2	17 33	5 44	6 23
T 3	7 40	13 45	2 46	9 59	1 45	3 44	0 36	9 31	1 6	9 21	0 57	8 27	1 44	22 44	0 0	0 59	1 24	0 32	16 15	22 55	23 3	17 35	5 45	6 22
W 4	7 18	8 22	3 43	9 14	1 43	4 15	0 34	9 16	1 6	9 16	0 57	8 24	1 44	22 45	0 0	1 0	1 24	0 32	16 15	22 56	23 3	17 37	5 46	6 22
T 5	6 55	2 25	4 27	8 28	1 41	4 46	0 31	9 2	1 5	9 11	0 57	8 21	1 44	22 45	0 0	1 0	1 24	0 33	16 16	22 56	23 3	17 39	5 48	6 22
F 6	6 33	3s45	4 55	7 41	1 38	5 16	0 28	8 47	1 5	9 6	0 57	8 18	1 44	22 45	0 0	1 1	1 24	0 33	16 16	22 57	23 3	17 41	5 49	6 22
S 7	6 11	9 46	5 3	6 54	1 35	5 47	0 25	8 32	1 5	9 1	0 57	8 16	1 44	22 45	0 0	1 2	1 25	0 34	16 16	22 58	23 4	17 43	5 50	6 22
S 8	5 48	15 13	4 51	6 7	1 31	6 18	0 22	8 18	1 5	8 56	0 57	8 13	1 44	22 45	0 0	1 2	1 25	0 34	16 16	22 59	23 4	17 45	5 51	6 22
M 9	5 25	19 42	4 20	5 20	1 27	6 48	0 20	8 3	1 5	8 52	0 57	8 10	1 44	22 45	0 0	1 3	1 25	0 34	16 17	22 59	23 4	17 47	5 52	6 21
T 10	5 3	22 55	3 32	4 33	1 22	7 18	0 17	7 48	1 5	8 47	0 57	8 7	1 44	22 45	0 0	1 4	1 25	0 35	16 17	23 0	23 4	17 49	5 53	6 21
W11	4 40	24 38	2 33	3 45	1 17	7 48	0 14	7 33	1 4	8 42	0 57	8 4	1 44	22 45	0 0	1 4	1 25	0 35	16 17	23 0	23 5	17 50	5 54	6 21
T 12	4 17	24 47	1 25	2 58	1 12	8 18	0 11	7 18	1 4	8 37	0 57	8 1	1 44	22 45	0 0	1 5	1 25	0 36	16 17	23 0	23 5	17 52	5 55	6 21
F 13	3 54	23 25	0 14	2 11	1 7	8 48	0 8	7 3	1 4	8 32	0 57	7 59	1 44	22 45	0n 0	1 6	1 25	0 36	16 18	23 0	23 5	17 54	5 57	6 21
S 14	3 31	20 47	0n56	1 24	1 1	9 18	0 5	6 48	1 4	8 27	0 58	7 56	1 45	22 45	0 0	1 6	1 25	0 37	16 18	23 0	23 5	17 56	5 58	6 20
S 15	3 8	17 7	2 2	0 37	0 55	9 47	0 2	6 33	1 4	8 23	0 58	7 53	1 45	22 45	0 0	1 7	1 25	0 37	16 18	23 0	23 6	17 58	5 59	6 20
M16	2 45	12 42	3 1	0s10	0 49	10 16	0s 2	6 18	1 3	8 18	0 58	7 50	1 45	22 45	0 0	1 8	1 25	0 37	16 18	23 0	23 6	18 0	6 0	6 20
T 17	2 22	7 49	3 49	0 56	0 43	10 45	0 5	6 3	1 3	8 13	0 58	7 47	1 45	22 45	0 0	1 8	1 25	0 38	16 19	23 1	23 6	18 2	6 1	6 20
W18	1 58	2 41	4 26	1 42	0 36	11 14	0 8	5 48	1 3	8 8	0 58	7 44	1 45	22 45	0 0	1 9	1 25	0 38	16 19	23 2	23 6	18 4	6 2	6 20
T 19	1 35	2n28	4 50	2 28	0 29	11 43	0 11	5 33	1 3	8 3	0 58	7 42	1 45	22 45	0 0	1 10	1 25	0 39	16 19	23 3	23 7	18 6	6 3	6 19
F 20	1 12	7 28	5 0	3 13	0 23	12 11	0 14	5 17	1 3	7 58	0 58	7 39	1 45	22 46	0 0	1 10	1 25	0 39	16 19	23 4	23 7	18 7	6 4	6 19
S 21	0 49	12 7	4 56	3 58	0 16	12 39	0 18	5 2	1 3	7 54	0 58	7 36	1 45	22 46	0 0	1 11	1 25	0 40	16 20	23 5	23 7	18 9	6 5	6 19
S 22	0 25	16 17	4 40	4 43	0 9	13 7	0 21	4 47	1 2	7 49	0 58	7 33	1 45	22 46	0 0	1 12	1 25	0 40	16 20	23 6	23 7	18 11	6 6	6 19
M23	0 2	19 46	4 11	5 27	0 1	13 34	0 24	4 31	1 2	7 44	0 58	7 31	1 45	22 46	0 0	1 12	1 25	0 40	16 20	23 6	23 7	18 13	6 8	6 18
T 24	0s22	22 26	3 32	6 10	0s 6	14 1	0 27	4 16	1 2	7 39	0 58	7 28	1 45	22 46	0 0	1 13	1 25	0 41	16 20	23 7	23 8	18 15	6 9	6 18
W25	0 45	24 8	2 43	6 53	0 13	14 28	0 31	4 1	1 2	7 34	0 58	7 25	1 46	22 46	0 0	1 14	1 25	0 41	16 20	23 7	23 8	18 17	6 10	6 18
T 26	1 9	24 45	1 47	7 35	0 20	14 55	0 34	3 45	1 1	7 30	0 59	7 22	1 46	22 46	0 0	1 14	1 25	0 42	16 21	23 7	23 8	18 18	6 11	6 17
F 27	1 32	24 13	0 45	8 17	0 28	15 21	0 37	3 30	1 1	7 25	0 59	7 19	1 46	22 46	0 0	1 15	1 25	0 42	16 21	23 7	23 8	18 20	6 12	6 17
S 28	1 55	22 28	0s20	8 58	0 35	15 47	0 41	3 14	1 1	7 20	0 59	7 17	1 46	22 45	0 0	1 16	1 25	0 43	16 21	23 7	23 9	18 22	6 13	6 17
S 29	2 19	19 33	1 27	9 39	0 42	16 12	0 44	2 59	1 1	7 15	0 59	7 14	1 46	22 45	0 0	1 16	1 25	0 43	16 21	23 8	23 9	18 24	6 14	6 17
M30	2s42	15n33	2s30	10s19	0s49	16s37	0s47	2n43	1n 1	7n11	0n59	7n11	1n46	22n45	0n 0	1s17	1s25	0s43	16s21	23s 8	23s 9	18n26	6s15	6n16

Julian Day Number = 2401019.5, Delta T = 8.96 sec
Ecliptic obliquity = 23°27'28, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°48'31, Lahiri = 21°55'31

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ASTRODIENST EPHEMERIS for the year 1861
geocentric

OCTOBER 1861 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 38 50	7♎47'08	22♌52	26♎ 6	14♏34	26♍ 8	14♍17	16♍ 2	16°R19	0°R 0	10°R 1	9°R16	8♉59	8♉ 4	28°R 5	T 1
W 2	0 42 47	8°46'15	7♍ 3	27°34	15°46	26°46	14°29	16° 9	16♊18	29♓59	10♉ 0	9♉ 9	8°56	8°10	28♒ 3	W 2
T 3	0 46 43	9°45'23	21°40	29° 1	16°58	27°25	14°42	16°16	16°18	29°57	9°59	8°59	8°52	8°17	28° 1	T 3
F 4	0 50 40	10°44'34	6♎39	0♏27	18° 9	28° 4	14°54	16°24	16°17	29°55	9°58	8°48	8°49	8°24	27°59	F 4
S 5	0 54 36	11°43'46	21°49	1°53	19°21	28°42	15° 6	16°31	16°16	29°54	9°57	8°36	8°46	8°30	27°57	S 5
S 6	0 58 33	12°43'01	7♏ 0	3°17	20°33	29°21	15°19	16°38	16°16	29°52	9°56	8°26	8°43	8°37	27°55	S 6
M 7	1 2 29	13°42'18	22° 2	4°40	21°44	29°59	15°31	16°45	16°15	29°51	9°55	8°18	8°40	8°44	27°53	M 7
T 8	1 6 26	14°41'37	6♐46	6° 3	22°56	0♎38	15°43	16°52	16°14	29°49	9°54	8°13	8°37	8°51	27°51	T 8
W 9	1 10 23	15°40'57	21° 8	7°24	24° 7	1°17	15°55	16°59	16°13	29°47	9°53	8°10	8°33	8°57	27°50	W 9
T 10	1 14 19	16°40'20	5♑ 4	8°44	25°19	1°56	16° 7	17° 6	16°12	29°46	9°52	8°D 9	8°30	9° 4	27°48	T 10
F 11	1 18 16	17°39'43	18°37	10° 3	26°30	2°34	16°19	17°12	16°11	29°44	9°51	8°R 9	8°27	9°11	27°46	F 11
S 12	1 22 12	18°39'09	1♒48	11°21	27°42	3°13	16°31	17°19	16°10	29°43	9°50	8° 9	8°24	9°17	27°45	S 12
S 13	1 26 9	19°38'37	14°40	12°37	28°53	3°52	16°43	17°26	16° 9	29°41	9°49	8° 7	8°21	9°24	27°43	S 13
M14	1 30 5	20°38'06	27°17	13°52	0♐ 4	4°30	16°55	17°33	16° 8	29°40	9°48	8° 2	8°17	9°31	27°42	M14
T 15	1 34 2	21°37'37	9♓42	15° 6	1°16	5° 9	17° 7	17°40	16° 7	29°38	9°47	7°54	8°14	9°37	27°40	T 15
W16	1 37 58	22°37'09	21°57	16°17	2°27	5°48	17°18	17°46	16° 6	29°37	9°46	7°44	8°11	9°44	27°39	W16
T 17	1 41 55	23°36'44	4♈ 5	17°28	3°38	6°27	17°30	17°53	16° 5	29°35	9°45	7°31	8° 8	9°51	27°38	T 17
F 18	1 45 52	24°36'20	16° 6	18°36	4°49	7° 6	17°42	17°59	16° 3	29°34	9°44	7°18	8° 5	9°58	27°36	F 18
S 19	1 49 48	25°35'59	28° 2	19°42	6° 0	7°44	17°53	18° 6	16° 2	29°32	9°43	7° 4	8° 2	10° 4	27°35	S 19
S 20	1 53 45	26°35'39	9♉55	20°46	7°11	8°23	18° 5	18°12	16° 1	29°31	9°41	6°52	7°58	10°11	27°34	S 20
M21	1 57 41	27°35'22	21°45	21°47	8°22	9° 2	18°16	18°19	15°59	29°29	9°40	6°42	7°55	10°18	27°33	M21
T 22	2 1 38	28°35'07	3♊35	22°46	9°33	9°41	18°28	18°25	15°58	29°28	9°39	6°34	7°52	10°24	27°32	T 22
W23	2 5 34	29°34'54	15°27	23°41	10°43	10°20	18°39	18°32	15°56	29°26	9°38	6°29	7°49	10°31	27°31	W23
T 24	2 9 31	0♏34'43	27°25	24°34	11°54	10°59	18°50	18°38	15°55	29°25	9°37	6°27	7°46	10°38	27°30	T 24
F 25	2 13 27	1°34'34	9♋33	25°22	13° 5	11°38	19° 1	18°44	15°53	29°24	9°36	6°D27	7°43	10°44	27°29	F 25
S 26	2 17 24	2°34'28	21°55	26° 6	14°15	12°17	19°12	18°50	15°52	29°22	9°35	6°27	7°39	10°51	27°29	S 26
S 27	2 21 21	3°34'23	4♌36	26°46	15°26	12°56	19°23	18°56	15°50	29°21	9°34	6°R28	7°36	10°58	27°28	S 27
M28	2 25 17	4°34'21	17°42	27°20	16°36	13°35	19°34	19° 2	15°48	29°20	9°33	6°27	7°33	11° 5	27°27	M28
T 29	2 29 14	5°34'21	1♍15	27°49	17°46	14°14	19°45	19° 8	15°47	29°19	9°31	6°24	7°30	11°11	27°27	T 29
W30	2 33 10	6°34'23	15°18	28°11	18°57	14°53	19°56	19°14	15°45	29°17	9°30	6°19	7°27	11°18	27°26	W30
T 31	2 37 7	7♏34'28	29♍50	28♏27	20♐ 7	15♎32	20♍ 7	19♍20	15♊43	29♓16	9♉29	6♉11	7♉23	11♉25	27♒26	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s 5	10n37	3s28	10s58	0s57	17s 2	0s51	2n28	1n 0	7n 6	0n59	7n 9	1n46	22n45	0n 0	1s18	1s25	0s44	16s21	23s 8	23s 9	18n28	6s16	6n16
W 2	3 29	4 59	4 15	11 37	1 4	17 26	0 54	2 12	1 0	7 1	0 59	7 6	1 46	22 45	0 0	1 18	1 25	0 44	16 22	23 9	23 9	18 29	6 17	6 16
T 3	3 52	1s 5	4 47	12 15	1 11	17 50	0 57	1 57	1 0	6 57	0 59	7 3	1 46	22 45	0 0	1 19	1 25	0 45	16 22	23 9	23 10	18 31	6 18	6 15
F 4	4 15	7 14	5 0	12 52	1 18	18 13	1 1	1 41	1 0	6 52	0 59	7 1	1 47	22 45	0 0	1 20	1 25	0 45	16 22	23 10	23 10	18 33	6 19	6 15
S 5	4 39	13 1	4 52	13 28	1 25	18 36	1 4	1 25	0 59	6 47	0 59	6 58	1 47	22 45	0 0	1 20	1 25	0 46	16 22	23 11	23 10	18 35	6 20	6 15
S 6	5 2	18 1	4 24	14 4	1 32	18 59	1 7	1 10	0 59	6 43	1 0	6 55	1 47	22 45	0 0	1 21	1 25	0 46	16 22	23 11	23 10	18 36	6 21	6 14
M 7	5 25	21 48	3 38	14 39	1 39	19 21	1 11	0 54	0 59	6 38	1 0	6 53	1 47	22 45	0 0	1 21	1 25	0 46	16 22	23 12	23 10	18 38	6 22	6 14
T 8	5 48	24 3	2 38	15 12	1 46	19 43	1 14	0 39	0 59	6 33	1 0	6 50	1 47	22 45	0 0	1 22	1 25	0 47	16 22	23 12	23 11	18 40	6 23	6 14
W 9	6 11	24 38	1 29	15 46	1 52	20 4	1 17	0 23	0 58	6 29	1 0	6 48	1 47	22 45	0 0	1 23	1 25	0 47	16 23	23 12	23 11	18 42	6 23	6 13
T 10	6 33	23 38	0 16	16 18	1 59	20 25	1 20	0 7	0 58	6 24	1 0	6 45	1 47	22 45	0 0	1 23	1 25	0 48	16 23	23 12	23 11	18 44	6 24	6 13
F 11	6 56	21 15	0n55	16 49	2 5	20 45	1 24	0s 8	0 58	6 20	1 0	6 42	1 47	22 45	0 0	1 24	1 25	0 48	16 23	23 12	23 11	18 45	6 25	6 13
S 12	7 19	17 48	2 2	17 19	2 11	21 4	1 27	0 24	0 58	6 15	1 0	6 40	1 48	22 45	0 0	1 25	1 25	0 48	16 23	23 12	23 11	18 47	6 26	6 12
S 13	7 41	13 34	3 0	17 48	2 17	21 23	1 30	0 39	0 57	6 10	1 0	6 37	1 48	22 45	0 0	1 25	1 25	0 49	16 23	23 13	23 12	18 49	6 27	6 12
M14	8 4	8 50	3 49	18 17	2 22	21 42	1 33	0 55	0 57	6 6	1 1	6 35	1 48	22 44	0 0	1 26	1 25	0 49	16 23	23 13	23 12	18 51	6 28	6 11
T 15	8 26	3 50	4 26	18 44	2 28	22 0	1 36	1 11	0 57	6 2	1 1	6 32	1 48	22 44	0 0	1 26	1 25	0 50	16 23	23 13	23 12	18 52	6 29	6 11
W16	8 48	1n14	4 50	19 10	2 33	22 17	1 39	1 26	0 57	5 57	1 1	6 30	1 48	22 44	0 0	1 27	1 25	0 50	16 23	23 14	23 12	18 54	6 29	6 11
T 17	9 10	6 13	5 0	19 34	2 38	22 34	1 42	1 42	0 56	5 53	1 1	6 27	1 48	22 44	0 0	1 28	1 25	0 50	16 23	23 15	23 12	18 56	6 30	6 10
F 18	9 32	10 54	4 57	19 58	2 42	22 50	1 45	1 58	0 56	5 48	1 1	6 25	1 49	22 44	0 0	1 28	1 25	0 51	16 23	23 15	23 13	18 57	6 31	6 10
S 19	9 54	15 9	4 41	20 20	2 46	23 6	1 48	2 13	0 56	5 44	1 1	6 23	1 49	22 44	0 0	1 29	1 25	0 51	16 23	23 16	23 13	18 59	6 32	6 10
S 20	10 16	18 48	4 13	20 41	2 50	23 21	1 51	2 29	0 55	5 39	1 1	6 20	1 49	22 44	0 0	1 29	1 25	0 52	16 24	23 17	23 13	19 1	6 32	6 9
M21	10 37	21 39	3 34	21 0	2 53	23 36	1 54	2 44	0 55	5 35	1 2	6 18	1 49	22 44	0 0	1 30	1 25	0 52	16 24	23 17	23 13	19 3	6 33	6 9
T 22	10 59	23 35	2 45	21 18	2 55	23 49	1 57	3 0	0 55	5 31	1 2	6 15	1 49	22 43	0 0	1 30	1 25	0 52	16 24	23 18	23 13	19 4	6 34	6 8
W23	11 20	24 28	1 49	21 35	2 58	24 3	2 0	3 15	0 55	5 27	1 2	6 13	1 49	22 43	0 0	1 31	1 25	0 53	16 24	23 18	23 14	19 6	6 35	6 8
T 24	11 41	24 14	0 48	21 49	2 59	24 15	2 2	3 31	0 54	5 22	1 2	6 11	1 50	22 43	0 0	1 31	1 25	0 53	16 24	23 18	23 14	19 8	6 35	6 8
F 25	12 2	22 50	0s17	22 2	3 0	24 27	2 5	3 46	0 54	5 18	1 2	6 9	1 50	22 43	0 0	1 32	1 25	0 53	16 24	23 18	23 14	19 9	6 36	6 7
S 26	12 23	20 20	1 22	22 13	3 0	24 38	2 7	4 2	0 54	5 14	1 2	6 6	1 50	22 43	0 0	1 32	1 24	0 54	16 24	23 18	23 14	19 11	6 37	6 7
S 27	12 43	16 47	2 24	22 21	2 59	24 49	2 10	4 17	0 53	5 10	1 2	6 4	1 50	22 43	0 0	1 33	1 24	0 54	16 24	23 18	23 14	19 13	6 37	6 6
M28	13 3	12 20	3 22	22 28	2 58	24 59	2 12	4 33	0 53	5 5	1 3	6 2	1 50	22 42	0 0	1 33	1 24	0 54	16 24	23 18	23 15	19 14	6 38	6 6
T 29	13 23	7 9	4 10	22 32	2 55	25 8	2 15	4 48	0 53	5 1	1 3	6 0	1 50	22 42	0 0	1 34	1 24	0 55	16 24	23 18	23 15	19 16	6 38	6 6
W30	13 43	1 25	4 45	22 33	2 52	25 16	2 17	5 4	0 52	4 57	1 3	5 58	1 51	22 42	0 0	1 34	1 24	0 55	16 24	23 18	23 15	19 18	6 39	6 5
T 31	14s 3	4s34	5s 3	22s32	2s47	25s24	2s19	5s19	0n52	4n53	1n 3	5n55	1n51	22n42	0n 0	1s35	1s24	0s55	16s24	23s19	23s15	19n19	6s40	6n 5

Julian Day Number = 2401049.5, Delta T = 8.96 sec
Ecliptic obliquity = 23°27'28, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°48'35, Lahiri = 21°55'35

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1861
geocentric

NOVEMBER 1861 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 41 3	8♏34'34	14♎46	28°R35	21♐17	16♎11	20♍17	19♍26	15°R41	29°R15	9°R28	6°R 3	7♑20	11♉31	27°R25	F 1
S 2	2 45 0	9°34'42	29°59	28♏35	22°27	16°50	20°28	19°32	15♊39	29♓14	9♉27	5♑54	7°17	11°38	27♒25	S 2
S 3	2 48 56	10°34'53	15♏19	28°26	23°37	17°29	20°38	19°37	15°37	29°12	9°26	5°45	7°14	11°45	27°25	S 3
M 4	2 52 53	11°35'05	0♐33	28° 7	24°47	18° 8	20°49	19°43	15°35	29°11	9°25	5°39	7°11	11°51	27°24	M 4
T 5	2 56 50	12°35'19	15°32	27°39	25°57	18°47	20°59	19°49	15°33	29°10	9°24	5°35	7° 8	11°58	27°24	T 5
W 6	3 0 46	13°35'34	0♑ 8	27° 1	27° 6	19°26	21° 9	19°54	15°31	29° 9	9°22	5°D33	7° 4	12° 5	27°24	W 6
T 7	3 4 43	14°35'51	14°18	26°14	28°16	20° 5	21°19	20° 0	15°29	29° 8	9°21	5°33	7° 1	12°12	27°D24	T 7
F 8	3 8 39	15°36'10	27°59	25°17	29°25	20°45	21°29	20° 5	15°27	29° 7	9°20	5°34	6°58	12°18	27°24	F 8
S 9	3 12 36	16°36'30	11♒15	24°12	0♑35	21°24	21°39	20°10	15°25	29° 6	9°19	5°R35	6°55	12°25	27°24	S 9
S 10	3 16 32	17°36'51	24° 8	23° 0	1°44	22° 3	21°49	20°15	15°23	29° 5	9°18	5°35	6°52	12°32	27°24	S 10
M11	3 20 29	18°37'13	6♓41	21°42	2°53	22°42	21°58	20°20	15°21	29° 4	9°17	5°33	6°49	12°38	27°24	M11
T 12	3 24 25	19°37'37	19° 0	20°22	4° 2	23°21	22° 8	20°26	15°19	29° 3	9°16	5°30	6°45	12°45	27°25	T 12
W13	3 28 22	20°38'02	1♈ 7	19° 2	5°11	24° 1	22°17	20°31	15°16	29° 2	9°15	5°24	6°42	12°52	27°25	W13
T 14	3 32 19	21°38'29	13° 7	17°44	6°20	24°40	22°27	20°35	15°14	29° 1	9°14	5°16	6°39	12°58	27°25	T 14
F 15	3 36 15	22°38'57	25° 1	16°31	7°28	25°19	22°36	20°40	15°12	29° 1	9°12	5° 8	6°36	13° 5	27°26	F 15
S 16	3 40 12	23°39'27	6♉53	15°25	8°37	25°59	22°45	20°45	15° 9	29° 0	9°11	4°59	6°33	13°12	27°26	S 16
S 17	3 44 8	24°39'58	18°44	14°28	9°45	26°38	22°54	20°50	15° 7	28°59	9°10	4°52	6°29	13°18	27°27	S 17
M18	3 48 5	25°40'31	0♊36	13°42	10°53	27°17	23° 3	20°54	15° 5	28°58	9° 9	4°45	6°26	13°25	27°28	M18
T 19	3 52 1	26°41'05	12°30	13° 7	12° 2	27°57	23°12	20°59	15° 2	28°58	9° 8	4°41	6°23	13°32	27°28	T 19
W20	3 55 58	27°41'41	24°29	12°43	13° 9	28°36	23°20	21° 3	15° 0	28°57	9° 7	4°39	6°20	13°39	27°29	W20
T 21	3 59 54	28°42'18	6♋34	12°32	14°17	29°15	23°29	21° 7	14°58	28°56	9° 6	4°D38	6°17	13°45	27°30	T 21
F 22	4 3 51	29°42'57	18°49	12°D31	15°25	29°55	23°37	21°12	14°55	28°56	9° 5	4°39	6°14	13°52	27°31	F 22
S 23	4 7 48	0♐43'38	1♌16	12°41	16°32	0♏34	23°46	21°16	14°53	28°55	9° 4	4°41	6°10	13°59	27°32	S 23
S 24	4 11 44	1°44'20	14° 0	13° 1	17°40	1°14	23°54	21°20	14°50	28°54	9° 3	4°42	6° 7	14° 5	27°33	S 24
M25	4 15 41	2°45'04	27° 3	13°30	18°47	1°53	24° 2	21°24	14°48	28°54	9° 2	4°R43	6° 4	14°12	27°34	M25
T 26	4 19 37	3°45'49	10♍29	14° 7	19°53	2°33	24°10	21°28	14°45	28°53	9° 1	4°43	6° 1	14°19	27°35	T 26
W27	4 23 34	4°46'36	24°20	14°52	21° 0	3°12	24°18	21°32	14°43	28°53	9° 0	4°42	5°58	14°25	27°36	W27
T 28	4 27 30	5°47'24	8♎36	15°42	22° 7	3°52	24°26	21°35	14°40	28°53	8°59	4°39	5°55	14°32	27°37	T 28
F 29	4 31 27	6°48'14	23°15	16°38	23°13	4°31	24°33	21°39	14°38	28°52	8°58	4°35	5°51	14°39	27°39	F 29
S 30	4 35 23	7♐49'05	8♏13	17♏39	24♑19	5♏11	24♍41	21♍42	14♊35	28♓52	8♉57	4♑31	5♑48	14♉46	27♒40	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s22	10s27	5s 1	22s28	2s41	25s31	2s21	5s34	0n52	4n49	1n 3	5n53	1n51	22n42	0n 0	1s35	1s24	0s56	16s24	23s19	23s15	19n21	6s40	6n 4
S 2	14 42	15 49	4 39	22 21	2 33	25 38	2 24	5 50	0 51	4 45	1 3	5 51	1 51	22 42	0 0	1 36	1 24	0 56	16 24	23 20	23 15	19 23	6 41	6 4
S 3	15 0	20 12	3 56	22 10	2 24	25 44	2 26	6 5	0 51	4 41	1 4	5 49	1 51	22 41	0 1	1 36	1 24	0 56	16 24	23 20	23 16	19 24	6 41	6 4
M 4	15 19	23 9	2 56	21 55	2 13	25 49	2 28	6 20	0 51	4 37	1 4	5 47	1 52	22 41	0 1	1 37	1 24	0 57	16 24	23 20	23 16	19 26	6 42	6 3
T 5	15 38	24 25	1 45	21 37	2 1	25 53	2 29	6 35	0 50	4 33	1 4	5 45	1 52	22 41	0 1	1 37	1 24	0 57	16 24	23 20	23 16	19 27	6 42	6 3
W 6	15 56	23 57	0 29	21 15	1 47	25 57	2 31	6 50	0 50	4 30	1 4	5 43	1 52	22 41	0 1	1 37	1 24	0 57	16 24	23 20	23 16	19 29	6 42	6 2
T 7	16 14	21 55	0n47	20 48	1 32	26 0	2 33	7 5	0 50	4 26	1 4	5 41	1 52	22 41	0 1	1 38	1 24	0 58	16 24	23 20	23 16	19 31	6 43	6 2
F 8	16 31	18 39	1 58	20 18	1 15	26 2	2 34	7 20	0 49	4 22	1 5	5 39	1 52	22 40	0 1	1 38	1 24	0 58	16 24	23 20	23 16	19 32	6 43	6 1
S 9	16 49	14 31	3 0	19 44	0 56	26 3	2 36	7 35	0 49	4 18	1 5	5 37	1 53	22 40	0 1	1 39	1 24	0 58	16 23	23 20	23 17	19 34	6 44	6 1
S 10	17 6	9 51	3 52	19 7	0 36	26 4	2 37	7 50	0 49	4 15	1 5	5 36	1 53	22 40	0 1	1 39	1 24	0 58	16 23	23 20	23 17	19 35	6 44	6 1
M11	17 23	4 53	4 30	18 28	0 16	26 4	2 39	8 5	0 48	4 11	1 5	5 34	1 53	22 40	0 1	1 39	1 24	0 59	16 23	23 20	23 17	19 37	6 44	6 0
T 12	17 39	0n11	4 56	17 47	0n 5	26 3	2 40	8 20	0 48	4 7	1 5	5 32	1 53	22 39	0 1	1 40	1 24	0 59	16 23	23 21	23 17	19 39	6 45	6 0
W13	17 55	5 9	5 7	17 5	0 25	26 2	2 41	8 35	0 48	4 4	1 5	5 30	1 54	22 39	0 1	1 40	1 24	0 59	16 23	23 21	23 17	19 40	6 45	5 59
T 14	18 11	9 52	5 5	16 25	0 45	26 0	2 42	8 50	0 47	4 0	1 6	5 28	1 54	22 39	0 1	1 40	1 24	0 59	16 23	23 21	23 17	19 42	6 45	5 59
F 15	18 27	14 11	4 50	15 46	1 4	25 57	2 43	9 4	0 47	3 57	1 6	5 27	1 54	22 39	0 1	1 41	1 24	1 0	16 23	23 21	23 18	19 43	6 45	5 58
S 16	18 42	17 57	4 22	15 11	1 21	25 54	2 43	9 19	0 47	3 53	1 6	5 25	1 54	22 38	0 1	1 41	1 24	1 0	16 23	23 22	23 18	19 45	6 46	5 58
S 17	18 57	20 59	3 43	14 39	1 37	25 50	2 44	9 34	0 46	3 50	1 6	5 23	1 54	22 38	0 1	1 41	1 24	1 0	16 23	23 22	23 18	19 46	6 46	5 58
M18	19 12	23 8	2 54	14 12	1 50	25 45	2 45	9 48	0 46	3 47	1 6	5 22	1 55	22 38	0 1	1 41	1 24	1 0	16 23	23 22	23 18	19 48	6 46	5 57
T 19	19 26	24 15	1 58	13 51	2 2	25 39	2 45	10 3	0 45	3 43	1 7	5 20	1 55	22 38	0 1	1 42	1 24	1 0	16 23	23 22	23 18	19 49	6 46	5 57
W20	19 40	24 16	0 55	13 35	2 12	25 33	2 45	10 17	0 45	3 40	1 7	5 19	1 55	22 37	0 1	1 42	1 24	1 1	16 22	23 23	23 18	19 51	6 46	5 56
T 21	19 53	23 7	0s11	13 24	2 19	25 26	2 46	10 31	0 45	3 37	1 7	5 17	1 55	22 37	0 1	1 42	1 24	1 1	16 22	23 23	23 19	19 53	6 46	5 56
F 22	20 6	20 52	1 17	13 19	2 25	25 19	2 46	10 46	0 44	3 34	1 7	5 16	1 56	22 37	0 1	1 42	1 24	1 1	16 22	23 23	23 19	19 54	6 46	5 56
S 23	20 19	17 36	2 21	13 18	2 29	25 10	2 46	11 0	0 44	3 31	1 8	5 14	1 56	22 37	0 1	1 43	1 24	1 1	16 22	23 22	23 19	19 56	6 47	5 55
S 24	20 32	13 28	3 19	13 22	2 31	25 1	2 45	11 14	0 43	3 28	1 8	5 13	1 56	22 36	0 1	1 43	1 24	1 1	16 22	23 22	23 19	19 57	6 47	5 55
M25	20 44	8 37	4 8	13 29	2 32	24 52	2 45	11 28	0 43	3 25	1 8	5 12	1 56	22 36	0 1	1 43	1 24	1 2	16 22	23 22	23 19	19 59	6 47	5 54
T 26	20 55	3 14	4 46	13 41	2 31	24 42	2 45	11 42	0 43	3 22	1 8	5 10	1 57	22 36	0 1	1 43	1 24	1 2	16 22	23 22	23 19	20 0	6 47	5 54
W27	21 6	2s28	5 8	13 55	2 30	24 31	2 44	11 56	0 42	3 19	1 8	5 9	1 57	22 36	0 1	1 43	1 24	1 2	16 21	23 22	23 19	20 2	6 47	5 54
T 28	21 17	8 12	5 13	14 12	2 27	24 20	2 43	12 10	0 42	3 16	1 9	5 8	1 57	22 35	0 1	1 43	1 23	1 2	16 21	23 23	23 20	20 3	6 47	5 53
F 29	21 28	13 38	4 57	14 31	2 24	24 8	2 42	12 23	0 41	3 13	1 9	5 7	1 57	22 35	0 1	1 44	1 23	1 2	16 21	23 23	23 20	20 5	6 46	5 53
S 30	21s38	18s22	4s21	14s52	2n20	23s55	2s41	12s37	0n41	3n10	1n 9	5n 6	1n58	22n35	0n 1	1s44	1s23	1s 2	16s21	23s23	23s20	20n 6	6s46	5n52

Julian Day Number = 2401080.5, Delta T = 8.96 sec
Ecliptic obliquity = 23°27'28, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°48'39, Lahiri = 21°55'40

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ASTRODIENST EPHEMERIS for the year 1861
geocentric

DECEMBER 1861 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 39 20	8♐49'58	23♏21	18♏45	25♑25	5♏51	24♍48	21♍46	14°R33	28°R51	8°R56	4°R28	5♑45	14♉52	27♒41	S 1
M 2	4 43 17	9°50'52	8♐30	19°54	26°31	6°30	24°55	21°49	14♊30	28♓51	8♉55	4♑25	5°42	14°59	27°43	M 2
T 3	4 47 13	10°51'47	23°30	21° 6	27°36	7°10	25° 2	21°52	14°28	28°51	8°54	4°23	5°39	15° 6	27°44	T 3
W 4	4 51 10	11°52'43	8♑13	22°21	28°41	7°49	25° 9	21°56	14°25	28°51	8°53	4°D23	5°35	15°12	27°46	W 4
T 5	4 55 6	12°53'40	22°32	23°38	29°46	8°29	25°15	21°59	14°23	28°50	8°52	4°24	5°32	15°19	27°48	T 5
F 6	4 59 3	13°54'37	6♒24	24°57	0♒51	9° 9	25°22	22° 2	14°20	28°50	8°51	4°25	5°29	15°26	27°49	F 6
S 7	5 2 59	14°55'36	19°50	26°18	1°56	9°49	25°28	22° 4	14°18	28°50	8°50	4°27	5°26	15°32	27°51	S 7
S 8	5 6 56	15°56'35	2♓49	27°40	3° 0	10°28	25°35	22° 7	14°15	28°50	8°50	4°28	5°23	15°39	27°53	S 8
M 9	5 10 53	16°57'34	15°27	29° 4	4° 4	11° 8	25°41	22°10	14°12	28°50	8°49	4°R28	5°20	15°46	27°55	M 9
T 10	5 14 49	17°58'34	27°47	0♐29	5° 7	11°48	25°47	22°12	14°10	28°D50	8°48	4°28	5°16	15°52	27°57	T 10
W11	5 18 46	18°59'35	9♈53	1°55	6°10	12°28	25°53	22°15	14° 7	28°50	8°47	4°27	5°13	15°59	27°59	W11
T 12	5 22 42	20° 0'36	21°49	3°22	7°13	13° 7	25°58	22°17	14° 5	28°50	8°46	4°25	5°10	16° 6	28° 1	T 12
F 13	5 26 39	21° 1'38	3♉41	4°49	8°16	13°47	26° 4	22°19	14° 2	28°50	8°45	4°23	5° 7	16°13	28° 3	F 13
S 14	5 30 35	22° 2'40	15°31	6°17	9°18	14°27	26° 9	22°21	14° 0	28°50	8°45	4°21	5° 4	16°19	28° 5	S 14
S 15	5 34 32	23° 3'43	27°22	7°46	10°20	15° 7	26°14	22°23	13°57	28°50	8°44	4°19	5° 1	16°26	28° 7	S 15
M16	5 38 28	24° 4'46	9♊18	9°15	11°21	15°47	26°19	22°25	13°55	28°51	8°43	4°18	4°57	16°33	28°10	M16
T 17	5 42 25	25° 5'50	21°20	10°44	12°22	16°27	26°24	22°27	13°52	28°51	8°42	4°17	4°54	16°39	28°12	T 17
W18	5 46 22	26° 6'55	3♋30	12°14	13°23	17° 7	26°29	22°29	13°50	28°51	8°42	4°D17	4°51	16°46	28°14	W18
T 19	5 50 18	27° 8'00	15°50	13°45	14°23	17°47	26°33	22°30	13°47	28°51	8°41	4°17	4°48	16°53	28°17	T 19
F 20	5 54 15	28° 9'05	28°20	15°15	15°23	18°27	26°38	22°32	13°45	28°52	8°40	4°18	4°45	16°59	28°19	F 20
S 21	5 58 11	29°10'12	11♌ 2	16°46	16°22	19° 7	26°42	22°33	13°42	28°52	8°40	4°18	4°41	17° 6	28°22	S 21
S 22	6 2 8	0♑11'18	23°59	18°18	17°21	19°47	26°46	22°35	13°40	28°52	8°39	4°19	4°38	17°13	28°24	S 22
M23	6 6 4	1°12'26	7♍10	19°49	18°20	20°27	26°50	22°36	13°38	28°53	8°38	4°19	4°35	17°19	28°27	M23
T 24	6 10 1	2°13'34	20°38	21°21	19°18	21° 7	26°53	22°37	13°35	28°53	8°38	4°19	4°32	17°26	28°29	T 24
W25	6 13 57	3°14'42	4♎23	22°53	20°15	21°47	26°57	22°38	13°33	28°54	8°37	4°R19	4°29	17°33	28°32	W25
T 26	6 17 54	4°15'51	18°26	24°25	21°12	22°27	27° 0	22°39	13°31	28°54	8°36	4°D19	4°26	17°39	28°35	T 26
F 27	6 21 51	5°17'01	2♏46	25°58	22° 8	23° 7	27° 3	22°39	13°28	28°55	8°36	4°19	4°22	17°46	28°38	F 27
S 28	6 25 47	6°18'11	17°19	27°31	23° 4	23°47	27° 6	22°40	13°26	28°55	8°35	4°19	4°19	17°53	28°40	S 28
S 29	6 29 44	7°19'22	2♐ 1	29° 4	23°59	24°27	27° 9	22°40	13°24	28°56	8°35	4°20	4°16	18° 0	28°43	S 29
M30	6 33 40	8°20'33	16°47	0♑38	24°53	25° 7	27°11	22°41	13°21	28°57	8°34	4°20	4°13	18° 6	28°46	M30
T 31	6 37 37	9♑21'45	1♑30	2♑12	25♒47	25♏47	27♍14	22♍41	13♊19	28♓57	8♉34	4°R20	4♑10	18♉13	28♒49	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s47	21s58	3s27	15s15	2n15	23s42	2s40	12s51	0n40	3n 8	1n 9	5n 4	1n58	22n34	0n 1	1s44	1s23	1s 2	16s21	23s23	23s20	20n 8	6s46	5n52
M 2	21 57	24 0	2 18	15 39	2 10	23 28	2 39	13 4	0 40	3 5	1 10	5 3	1 58	22 34	0 1	1 44	1 23	1 2	16 20	23 23	23 20	20 9	6 46	5 51
T 3	22 5	24 17	1 0	16 3	2 4	23 14	2 37	13 17	0 40	3 3	1 10	5 2	1 58	22 34	0 1	1 44	1 23	1 2	16 20	23 23	23 20	20 10	6 46	5 51
W 4	22 14	22 51	0n21	16 28	1 58	22 59	2 36	13 31	0 39	3 0	1 10	5 1	1 59	22 34	0 1	1 44	1 23	1 3	16 20	23 23	23 20	20 12	6 46	5 51
T 5	22 22	19 57	1 38	16 54	1 51	22 43	2 34	13 44	0 39	2 58	1 10	5 0	1 59	22 33	0 1	1 44	1 23	1 3	16 20	23 23	23 20	20 13	6 46	5 50
F 6	22 29	15 59	2 48	17 20	1 44	22 27	2 32	13 57	0 38	2 55	1 11	4 59	1 59	22 33	0 1	1 44	1 23	1 3	16 20	23 23	23 21	20 15	6 45	5 50
S 7	22 36	11 19	3 45	17 46	1 38	22 11	2 30	14 10	0 38	2 53	1 11	4 59	1 59	22 33	0 1	1 44	1 23	1 3	16 19	23 23	23 21	20 16	6 45	5 50
S 8	22 43	6 17	4 29	18 11	1 30	21 54	2 28	14 23	0 37	2 51	1 11	4 58	2 0	22 32	0 1	1 44	1 23	1 3	16 19	23 23	23 21	20 18	6 45	5 49
M 9	22 49	1 9	4 59	18 37	1 23	21 37	2 26	14 36	0 37	2 48	1 11	4 57	2 0	22 32	0 1	1 44	1 23	1 3	16 19	23 23	23 21	20 19	6 45	5 49
T 10	22 55	3n55	5 14	19 2	1 16	21 19	2 23	14 49	0 36	2 46	1 12	4 56	2 0	22 32	0 1	1 44	1 23	1 3	16 19	23 23	23 21	20 21	6 44	5 48
W11	23 0	8 44	5 15	19 27	1 8	21 0	2 20	15 1	0 36	2 44	1 12	4 55	2 0	22 32	0 1	1 44	1 23	1 3	16 19	23 23	23 21	20 22	6 44	5 48
T 12	23 5	13 10	5 2	19 51	1 1	20 42	2 17	15 14	0 35	2 42	1 12	4 55	2 1	22 31	0 1	1 44	1 23	1 3	16 18	23 23	23 21	20 23	6 44	5 48
F 13	23 9	17 4	4 36	20 15	0 53	20 22	2 14	15 26	0 35	2 40	1 12	4 54	2 1	22 31	0 1	1 44	1 23	1 3	16 18	23 23	23 22	20 25	6 43	5 47
S 14	23 13	20 18	3 58	20 37	0 46	20 3	2 11	15 38	0 34	2 38	1 13	4 54	2 1	22 31	0 1	1 44	1 23	1 3	16 18	23 23	23 22	20 26	6 43	5 47
S 15	23 17	22 41	3 11	21 0	0 38	19 43	2 8	15 51	0 34	2 37	1 13	4 53	2 2	22 30	0 1	1 44	1 23	1 3	16 18	23 23	23 22	20 28	6 43	5 47
M16	23 19	24 4	2 14	21 21	0 31	19 22	2 4	16 3	0 33	2 35	1 13	4 52	2 2	22 30	0 1	1 44	1 23	1 3	16 17	23 23	23 22	20 29	6 42	5 46
T 17	23 22	24 22	1 11	21 41	0 23	19 2	2 0	16 15	0 33	2 33	1 13	4 52	2 2	22 30	0 1	1 43	1 23	1 3	16 17	23 23	23 22	20 30	6 42	5 46
W18	23 24	23 29	0 4	22 1	0 16	18 41	1 57	16 26	0 32	2 32	1 14	4 52	2 2	22 30	0 1	1 43	1 23	1 3	16 17	23 23	23 22	20 32	6 41	5 45
T 19	23 26	21 28	1s 4	22 20	0 8	18 19	1 52	16 38	0 32	2 30	1 14	4 51	2 3	22 29	0 1	1 43	1 23	1 3	16 16	23 23	23 22	20 33	6 41	5 45
F 20	23 27	18 24	2 10	22 37	0 1	17 57	1 48	16 50	0 31	2 29	1 14	4 51	2 3	22 29	0 1	1 43	1 23	1 3	16 16	23 23	23 22	20 35	6 40	5 45
S 21	23 27	14 25	3 10	22 54	0s 6	17 35	1 44	17 1	0 31	2 27	1 14	4 51	2 3	22 29	0 1	1 43	1 23	1 3	16 16	23 23	23 22	20 36	6 40	5 44
S 22	23 27	9 43	4 2	23 9	0 13	17 13	1 39	17 12	0 30	2 26	1 15	4 50	2 4	22 28	0 1	1 43	1 23	1 3	16 16	23 23	23 23	20 37	6 39	5 44
M23	23 27	4 30	4 43	23 24	0 20	16 50	1 34	17 24	0 30	2 25	1 15	4 50	2 4	22 28	0 1	1 42	1 22	1 2	16 15	23 23	23 23	20 39	6 39	5 44
T 24	23 26	1s 1	5 9	23 37	0 27	16 27	1 29	17 35	0 29	2 23	1 15	4 50	2 4	22 28	0 1	1 42	1 22	1 2	16 15	23 23	23 23	20 40	6 38	5 43
W25	23 25	6 36	5 18	23 49	0 33	16 4	1 24	17 46	0 29	2 22	1 15	4 50	2 4	22 28	0 1	1 42	1 22	1 2	16 15	23 23	23 23	20 41	6 37	5 43
T 26	23 23	11 59	5 8	24 0	0 40	15 41	1 18	17 57	0 28	2 21	1 16	4 50	2 5	22 27	0 1	1 42	1 22	1 2	16 14	23 23	23 23	20 43	6 37	5 43
F 27	23 21	16 49	4 39	24 10	0 46	15 17	1 13	18 7	0 28	2 20	1 16	4 50	2 5	22 27	0 1	1 41	1 22	1 2	16 14	23 23	23 23	20 44	6 36	5 42
S 28	23 18	20 44	3 53	24 18	0 52	14 54	1 7	18 18	0 27	2 19	1 16	4 50	2 5	22 27	0 1	1 41	1 22	1 2	16 14	23 23	23 23	20 45	6 35	5 42
S 29	23 15	23 22	2 50	24 25	0 58	14 30	1 1	18 28	0 26	2 18	1 17	4 50	2 5	22 27	0 1	1 41	1 22	1 2	16 14	23 23	23 23	20 47	6 35	5 42
M30	23 12	24 24	1 36	24 31	1 4	14 6	0 55	18 39	0 26	2 18	1 17	4 50	2 6	22 26	0 1	1 41	1 22	1 2	16 13	23 23	23 23	20 48	6 34	5 41
T 31	23s 8	23s43	0s16	24s36	1s10	13s41	0s48	18s49	0n25	2n17	1n17	4n50	2n 6	22n26	0n 1	1s40	1s22	1s 1	16s13	23s23	23s24	20n49	6s33	5n41

Julian Day Number = 2401110.5, Delta T = 8.97 sec
Ecliptic obliquity = 23°27'27, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°48'43, Lahiri = 21°55'44

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ASTRODIENST EPHEMERIS for the year 1862
geocentric

JANUARY 1862 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 41 33	10♑22'56	16♑ 2	3♑46	26♒40	26♏28	27♍16	22♍41	13°R17	28♓58	8°R33	4°R20	4♑ 7	18♉20	28♒52	W 1
T 2	6 45 30	11°24'07	0♒18	5°21	27°33	27° 8	27°18	22°R41	13♊15	28°59	8♉33	4♑20	4° 3	18°26	28°55	T 2
F 3	6 49 26	12°25'18	14°12	6°56	28°24	27°48	27°20	22°41	13°13	29° 0	8°33	4°19	4° 0	18°33	28°58	F 3
S 4	6 53 23	13°26'29	27°43	8°31	29°15	28°28	27°21	22°41	13°11	29° 1	8°32	4°18	3°57	18°40	29° 2	S 4
S 5	6 57 20	14°27'40	10♓49	10° 7	0♓ 5	29° 9	27°23	22°41	13° 8	29° 2	8°32	4°16	3°54	18°46	29° 5	S 5
M 6	7 1 16	15°28'50	23°32	11°43	0°55	29°49	27°24	22°40	13° 6	29° 2	8°31	4°15	3°51	18°53	29° 8	M 6
T 7	7 5 13	16°29'59	5♈56	13°19	1°43	0♗29	27°25	22°40	13° 4	29° 3	8°31	4°14	3°47	19° 0	29°11	T 7
W 8	7 9 9	17°31'09	18° 5	14°56	2°31	1° 9	27°26	22°39	13° 2	29° 4	8°31	4°D14	3°44	19° 6	29°14	W 8
T 9	7 13 6	18°32'17	0♉ 2	16°33	3°17	1°50	27°27	22°39	13° 0	29° 5	8°30	4°14	3°41	19°13	29°18	T 9
F 10	7 17 2	19°33'25	11°53	18°11	4° 3	2°30	27°27	22°38	12°58	29° 6	8°30	4°15	3°38	19°20	29°21	F 10
S 11	7 20 59	20°34'33	23°43	19°49	4°47	3°10	27°27	22°37	12°57	29° 7	8°30	4°17	3°35	19°26	29°24	S 11
S 12	7 24 55	21°35'40	5♊35	21°28	5°31	3°51	27°R28	22°36	12°55	29° 8	8°30	4°18	3°32	19°33	29°28	S 12
M13	7 28 52	22°36'46	17°35	23° 7	6°13	4°31	27°27	22°35	12°53	29°10	8°29	4°20	3°28	19°40	29°31	M13
T 14	7 32 49	23°37'52	29°45	24°47	6°55	5°12	27°27	22°33	12°51	29°11	8°29	4°R20	3°25	19°47	29°35	T 14
W15	7 36 45	24°38'57	12♋ 7	26°27	7°35	5°52	27°27	22°32	12°49	29°12	8°29	4°20	3°22	19°53	29°38	W15
T 16	7 40 42	25°40'02	24°44	28° 8	8°13	6°33	27°26	22°31	12°48	29°13	8°29	4°19	3°19	20° 0	29°42	T 16
F 17	7 44 38	26°41'06	7♌35	29°49	8°51	7°13	27°25	22°29	12°46	29°14	8°29	4°17	3°16	20° 7	29°45	F 17
S 18	7 48 35	27°42'09	20°41	1♒30	9°27	7°54	27°24	22°27	12°45	29°16	8°29	4°13	3°13	20°13	29°49	S 18
S 19	7 52 31	28°43'12	4♍ 1	3°13	10° 2	8°34	27°23	22°26	12°43	29°17	8°29	4°10	3° 9	20°20	29°53	S 19
M20	7 56 28	29°44'14	17°33	4°55	10°35	9°15	27°21	22°24	12°41	29°18	8°29	4° 6	3° 6	20°27	29°56	M20
T 21	8 0 24	0♒45'16	1♎17	6°38	11° 7	9°55	27°20	22°22	12°40	29°20	8°29	4° 2	3° 3	20°33	29°59	T 21
W22	8 4 21	1°46'18	15°10	8°22	11°37	10°36	27°18	22°20	12°39	29°21	8°D28	4° 0	3° 0	20°40	0♓ 4	W22
T 23	8 8 18	2°47'19	29°11	10° 6	12° 5	11°16	27°16	22°18	12°37	29°23	8°29	3°D59	2°57	20°47	0° 7	T 23
F 24	8 12 14	3°48'19	13♏19	11°50	12°32	11°57	27°14	22°15	12°36	29°24	8°29	3°59	2°53	20°53	0°11	F 24
S 25	8 16 11	4°49'19	27°32	13°34	12°57	12°37	27°11	22°13	12°35	29°25	8°29	4° 0	2°50	21° 0	0°15	S 25
S 26	8 20 7	5°50'19	11♐48	15°19	13°21	13°18	27° 9	22°10	12°33	29°27	8°29	4° 2	2°47	21° 7	0°19	S 26
M27	8 24 4	6°51'17	26° 5	17° 3	13°42	13°59	27° 6	22° 8	12°32	29°28	8°29	4° 3	2°44	21°13	0°22	M27
T 28	8 28 0	7°52'15	10♑19	18°48	14° 2	14°39	27° 3	22° 5	12°31	29°30	8°29	4°R 3	2°41	21°20	0°26	T 28
W29	8 31 57	8°53'13	24°27	20°32	14°19	15°20	27° 0	22° 3	12°30	29°32	8°29	4° 2	2°38	21°27	0°30	W29
T 30	8 35 54	9°54'09	8♒24	22°16	14°34	16° 1	26°57	22° 0	12°29	29°33	8°29	3°58	2°34	21°33	0°34	T 30
F 31	8 39 50	10♒55'04	22♒ 6	23♒59	14♓48	16♗42	26♍53	21♍57	12♊28	29♓35	8♉29	3♑53	2♑31	21♉40	0♓38	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 3	21s25	1n 5	24s39	1s15	13s17	0s41	18s59	0n25	2n16	1n17	4n50	2n 6	22n26	0n 1	1s40	1s22	1s 1	16s13	23s23	23s24	20n51	6s33	5n41
T 2	22 58	17 50	2 19	24 41	1 20	12 53	0 35	19 9	0 24	2 16	1 18	4 50	2 7	22 25	0 1	1 40	1 22	1 1	16 12	23 23	23 24	20 52	6 32	5 41
F 3	22 53	13 20	3 24	24 41	1 25	12 28	0 28	19 18	0 23	2 15	1 18	4 51	2 7	22 25	0 1	1 39	1 22	1 1	16 12	23 23	23 24	20 53	6 31	5 40
S 4	22 47	8 17	4 15	24 41	1 30	12 3	0 20	19 28	0 23	2 15	1 18	4 51	2 7	22 25	0 1	1 39	1 22	1 1	16 12	23 23	23 24	20 54	6 30	5 40
S 5	22 40	3 2	4 51	24 38	1 34	11 39	0 13	19 37	0 22	2 15	1 19	4 51	2 7	22 25	0 1	1 38	1 22	1 1	16 11	23 23	23 24	20 56	6 29	5 40
M 6	22 34	2n12	5 11	24 35	1 39	11 14	0 5	19 46	0 22	2 14	1 19	4 52	2 8	22 24	0 1	1 38	1 22	1 0	16 11	23 23	23 24	20 57	6 29	5 39
T 7	22 26	7 12	5 17	24 29	1 42	10 49	0n 3	19 56	0 21	2 14	1 19	4 52	2 8	22 24	0 1	1 38	1 22	1 0	16 11	23 23	23 24	20 58	6 28	5 39
W 8	22 19	11 50	5 8	24 23	1 46	10 25	0 11	20 4	0 20	2 14	1 19	4 53	2 8	22 24	0 1	1 37	1 22	1 0	16 10	23 23	23 24	20 59	6 27	5 39
T 9	22 10	15 56	4 45	24 15	1 50	10 0	0 20	20 13	0 20	2 14	1 20	4 53	2 9	22 24	0 1	1 37	1 22	1 0	16 10	23 23	23 24	21 1	6 26	5 39
F 10	22 2	19 23	4 11	24 5	1 53	9 36	0 28	20 22	0 19	2 14	1 20	4 54	2 9	22 24	0 1	1 36	1 22	0 59	16 10	23 23	23 24	21 2	6 25	5 38
S 11	21 53	22 3	3 26	23 54	1 56	9 11	0 37	20 30	0 18	2 14	1 20	4 55	2 9	22 23	0 1	1 36	1 22	0 59	16 9	23 23	23 25	21 3	6 24	5 38
S 12	21 43	23 45	2 32	23 41	1 58	8 47	0 46	20 39	0 18	2 15	1 21	4 55	2 9	22 23	0 1	1 35	1 22	0 59	16 9	23 23	23 25	21 4	6 23	5 38
M13	21 34	24 24	1 31	23 27	2 0	8 23	0 56	20 47	0 17	2 15	1 21	4 56	2 10	22 23	0 1	1 35	1 22	0 59	16 9	23 23	23 25	21 6	6 22	5 38
T 14	21 23	23 53	0 25	23 11	2 2	7 58	1 5	20 55	0 17	2 15	1 21	4 57	2 10	22 23	0 1	1 34	1 22	0 58	16 8	23 23	23 25	21 7	6 21	5 37
W15	21 13	22 12	0s43	22 54	2 4	7 35	1 15	21 2	0 16	2 16	1 21	4 57	2 10	22 22	0 1	1 34	1 22	0 58	16 8	23 23	23 25	21 8	6 20	5 37
T 16	21 2	19 23	1 50	22 35	2 5	7 11	1 25	21 10	0 15	2 16	1 22	4 58	2 10	22 22	0 1	1 33	1 22	0 58	16 8	23 23	23 25	21 9	6 19	5 37
F 17	20 50	15 36	2 53	22 15	2 5	6 47	1 35	21 18	0 15	2 17	1 22	4 59	2 11	22 22	0 1	1 33	1 22	0 58	16 7	23 23	23 25	21 11	6 18	5 37
S 18	20 38	11 0	3 48	21 53	2 6	6 24	1 46	21 25	0 14	2 17	1 22	5 0	2 11	22 22	0 1	1 32	1 21	0 57	16 7	23 23	23 25	21 12	6 17	5 36
S 19	20 26	5 49	4 32	21 29	2 5	6 1	1 56	21 32	0 13	2 18	1 22	5 1	2 11	22 22	0 1	1 32	1 21	0 57	16 7	23 24	23 25	21 13	6 16	5 36
M20	20 13	0 18	5 1	21 4	2 5	5 39	2 7	21 39	0 12	2 19	1 23	5 2	2 11	22 21	0 1	1 31	1 21	0 57	16 6	23 24	23 25	21 14	6 15	5 36
T 21	20 0	5s18	5 13	20 37	2 4	5 16	2 18	21 46	0 12	2 20	1 23	5 3	2 12	22 21	0 1	1 31	1 21	0 56	16 6	23 24	23 25	21 15	6 14	5 36
W22	19 47	10 42	5 8	20 9	2 2	4 54	2 30	21 52	0 11	2 21	1 23	5 4	2 12	22 21	0 1	1 30	1 21	0 56	16 5	23 24	23 25	21 17	6 13	5 36
T 23	19 33	15 37	4 44	19 39	2 0	4 33	2 41	21 59	0 10	2 22	1 24	5 5	2 12	22 21	0 1	1 30	1 21	0 56	16 5	23 24	23 25	21 18	6 12	5 35
F 24	19 19	19 42	4 3	19 8	1 57	4 12	2 53	22 5	0 10	2 23	1 24	5 6	2 12	22 21	0 1	1 29	1 21	0 55	16 5	23 24	23 26	21 19	6 11	5 35
S 25	19 4	22 39	3 7	18 35	1 54	3 51	3 5	22 11	0 9	2 24	1 24	5 7	2 13	22 21	0 1	1 28	1 21	0 55	16 4	23 24	23 26	21 20	6 10	5 35
S 26	18 50	24 11	1 59	18 1	1 50	3 31	3 17	22 17	0 8	2 25	1 24	5 9	2 13	22 20	0 1	1 28	1 21	0 55	16 4	23 24	23 26	21 21	6 9	5 35
M27	18 34	24 7	0 43	17 25	1 46	3 11	3 30	22 22	0 7	2 27	1 25	5 10	2 13	22 20	0 1	1 27	1 21	0 54	16 4	23 24	23 26	21 22	6 8	5 35
T 28	18 19	22 29	0n34	16 48	1 41	2 52	3 42	22 28	0 7	2 28	1 25	5 11	2 13	22 20	0 1	1 26	1 21	0 54	16 3	23 24	23 26	21 23	6 6	5 34
W29	18 3	19 27	1 49	16 9	1 35	2 34	3 55	22 33	0 6	2 30	1 25	5 12	2 14	22 20	0 1	1 26	1 21	0 54	16 3	23 24	23 26	21 25	6 5	5 34
T 30	17 47	15 20	2 56	15 30	1 28	2 16	4 8	22 38	0 5	2 31	1 25	5 14	2 14	22 20	0 1	1 25	1 21	0 53	16 3	23 24	23 26	21 26	6 4	5 34
F 31	17s30	10s30	3n52	14s49	1s21	1s59	4n21	22s43	0n 4	2n33	1n26	5n15	2n14	22n20	0n 1	1s24	1s21	0s53	16s 2	23s24	23s26	21n27	6s 3	5n34

Julian Day Number = 2401141.5, Delta T = 8.97 sec
Ecliptic obliquity = 23°27'26, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°48'48, Lahiri = 21°55'48

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ASTRODIENST EPHEMERIS for the year 1862
geocentric

FEBRUARY 1862 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 43 47	11♒55'58	5♓30	25♒41	14♓59	17♐22	26°R50	21°R54	12°R27	29♓36	8♉30	3°R46	2♑28	21♉47	0♓42	S 1
S 2	8 47 43	12°56'51	18°34	27°21	15° 8	18° 3	26♍46	21♍51	12♊26	29°38	8°30	3♑39	2°25	21°53	0°46	S 2
M 3	8 51 40	13°57'42	1♈18	29° 0	15°14	18°44	26°42	21°47	12°25	29°40	8°30	3°32	2°22	22° 0	0°50	M 3
T 4	8 55 36	14°58'32	13°44	0♓37	15°18	19°25	26°38	21°44	12°24	29°42	8°30	3°27	2°19	22° 7	0°54	T 4
W 5	8 59 33	15°59'21	25°54	2°12	15°R20	20° 5	26°33	21°41	12°23	29°43	8°31	3°23	2°15	22°13	0°58	W 5
T 6	9 3 29	17° 0'08	7♉53	3°43	15°19	20°46	26°29	21°37	12°23	29°45	8°31	3°20	2°12	22°20	1° 2	T 6
F 7	9 7 26	18° 0'53	19°44	5°11	15°16	21°27	26°24	21°34	12°22	29°47	8°31	3°D20	2° 9	22°27	1° 6	F 7
S 8	9 11 22	19° 1'37	1♊33	6°34	15°10	22° 8	26°19	21°30	12°21	29°49	8°32	3°21	2° 6	22°34	1°10	S 8
S 9	9 15 19	20° 2'20	13°26	7°53	15° 2	22°49	26°14	21°27	12°21	29°51	8°32	3°22	2° 3	22°40	1°14	S 9
M10	9 19 16	21° 3'01	25°27	9° 5	14°51	23°29	26° 9	21°23	12°20	29°52	8°32	3°23	1°59	22°47	1°18	M10
T 11	9 23 12	22° 3'40	7♋42	10°12	14°38	24°10	26° 4	21°19	12°20	29°54	8°33	3°R23	1°56	22°54	1°22	T 11
W12	9 27 9	23° 4'18	20°12	11°11	14°22	24°51	25°58	21°15	12°20	29°56	8°33	3°22	1°53	23° 0	1°26	W12
T 13	9 31 5	24° 4'54	3♌ 3	12° 2	14° 4	25°32	25°53	21°12	12°19	29°58	8°34	3°18	1°50	23° 7	1°30	T 13
F 14	9 35 2	25° 5'28	16°13	12°45	13°43	26°13	25°47	21° 8	12°19	29°59	8°34	3°12	1°47	23°14	1°34	F 14
S 15	9 38 58	26° 6'01	29°43	13°19	13°20	26°54	25°41	21° 4	12°19	0♈ 2	8°35	3° 4	1°44	23°20	1°38	S 15
S 16	9 42 55	27° 6'33	13♍31	13°43	12°54	27°35	25°35	20°59	12°18	0° 4	8°35	2°55	1°40	23°27	1°42	S 16
M17	9 46 51	28° 7'03	27°32	13°57	12°27	28°16	25°29	20°55	12°18	0° 6	8°36	2°45	1°37	23°34	1°46	M17
T 18	9 50 48	29° 7'31	11♎41	14°R 1	11°58	28°57	25°23	20°51	12°18	0° 8	8°36	2°37	1°34	23°40	1°50	T 18
W19	9 54 45	0♓ 7'58	25°55	13°54	11°27	29°38	25°16	20°47	12°D18	0°10	8°37	2°30	1°31	23°47	1°54	W19
T 20	9 58 41	1° 8'24	10♏ 9	13°38	10°54	0♑19	25°10	20°42	12°18	0°12	8°37	2°26	1°28	23°54	1°58	T 20
F 21	10 2 38	2° 8'49	24°20	13°12	10°20	1° 0	25° 3	20°38	12°18	0°14	8°38	2°24	1°24	24° 0	2° 2	F 21
S 22	10 6 34	3° 9'12	8♐27	12°37	9°45	1°41	24°57	20°34	12°18	0°16	8°39	2°D24	1°21	24° 7	2° 6	S 22
S 23	10 10 31	4° 9'34	22°28	11°54	9° 9	2°22	24°50	20°29	12°19	0°18	8°39	2°24	1°18	24°14	2°11	S 23
M24	10 14 27	5° 9'54	6♑22	11° 4	8°32	3° 3	24°43	20°25	12°19	0°20	8°40	2°R25	1°15	24°20	2°15	M24
T 25	10 18 24	6°10'14	20°10	10° 9	7°55	3°44	24°36	20°20	12°19	0°22	8°41	2°23	1°12	24°27	2°19	T 25
W26	10 22 20	7°10'31	3♒50	9° 9	7°17	4°25	24°29	20°16	12°20	0°24	8°41	2°19	1° 9	24°34	2°23	W26
T 27	10 26 17	8°10'47	17°21	8° 7	6°40	5° 6	24°22	20°11	12°20	0°27	8°42	2°13	1° 5	24°40	2°27	T 27
F 28	10 30 14	9♓11'01	0♓40	7♓ 3	6♓ 2	5♑47	24♍14	20♍ 7	12♊20	0♈29	8♉43	2♑ 3	1♑ 2	24♉47	2♓31	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s14	5s16	4n33	14s 7	1s13	1s42	4n34	22s48	0n 4	2n35	1n26	5n16	2n14	22n20	0n 1	1s24	1s21	0s52	16s 2	23s24	23s26	21n28	6s 2	5n34
S 2	16 56	0n 4	4 59	13 25	1 5	1 27	4 47	22 52	0 3	2 36	1 26	5 18	2 15	22 20	0 1	1 23	1 21	0 52	16 2	23 24	23 26	21 29	6 0	5 34
M 3	16 39	5 15	5 10	12 41	0 55	1 12	5 0	22 57	0 2	2 38	1 26	5 19	2 15	22 19	0 1	1 22	1 21	0 52	16 1	23 25	23 26	21 30	5 59	5 33
T 4	16 21	10 6	5 5	11 58	0 45	0 58	5 14	23 1	0 1	2 40	1 27	5 21	2 15	22 19	0 1	1 22	1 21	0 51	16 1	23 25	23 26	21 31	5 58	5 33
W 5	16 3	14 27	4 46	11 14	0 34	0 45	5 27	23 5	0 0	2 42	1 27	5 22	2 15	22 19	0 1	1 21	1 21	0 51	16 1	23 25	23 26	21 32	5 57	5 33
T 6	15 45	18 10	4 16	10 30	0 22	0 33	5 40	23 9	0s 0	2 44	1 27	5 24	2 15	22 19	0 1	1 20	1 21	0 50	16 0	23 25	23 26	21 34	5 55	5 33
F 7	15 27	21 7	3 34	9 46	0 10	0 22	5 54	23 12	0 1	2 46	1 27	5 25	2 16	22 19	0 1	1 19	1 21	0 50	16 0	23 25	23 26	21 35	5 54	5 33
S 8	15 8	23 10	2 44	9 3	0n 3	0 12	6 7	23 15	0 2	2 48	1 28	5 27	2 16	22 19	0 1	1 19	1 21	0 49	16 0	23 25	23 26	21 36	5 53	5 33
S 9	14 49	24 11	1 46	8 21	0 17	0 4	6 20	23 19	0 3	2 50	1 28	5 29	2 16	22 19	0 1	1 18	1 21	0 49	15 59	23 25	23 26	21 37	5 51	5 33
M10	14 30	24 6	0 43	7 41	0 32	0n 4	6 33	23 22	0 4	2 53	1 28	5 30	2 16	22 19	0 1	1 17	1 21	0 49	15 59	23 25	23 27	21 38	5 50	5 33
T 11	14 10	22 51	0s23	7 2	0 47	0 11	6 45	23 24	0 5	2 55	1 28	5 32	2 16	22 19	0 1	1 16	1 21	0 48	15 59	23 25	23 27	21 39	5 49	5 32
W12	13 50	20 28	1 29	6 25	1 2	0 16	6 57	23 27	0 5	2 57	1 28	5 34	2 17	22 19	0 1	1 16	1 21	0 48	15 58	23 25	23 27	21 40	5 48	5 32
T 13	13 30	17 1	2 33	5 51	1 18	0 20	7 9	23 29	0 6	3 0	1 29	5 35	2 17	22 19	0 1	1 15	1 21	0 47	15 58	23 25	23 27	21 41	5 46	5 32
F 14	13 10	12 39	3 29	5 20	1 34	0 23	7 21	23 31	0 7	3 2	1 29	5 37	2 17	22 19	0 1	1 14	1 21	0 47	15 58	23 25	23 27	21 42	5 45	5 32
S 15	12 50	7 35	4 16	4 53	1 50	0 24	7 32	23 33	0 8	3 5	1 29	5 39	2 17	22 19	0 1	1 13	1 21	0 46	15 57	23 25	23 27	21 43	5 44	5 32
S 16	12 29	2 3	4 48	4 29	2 5	0 24	7 42	23 35	0 9	3 7	1 29	5 41	2 17	22 19	0 2	1 12	1 21	0 46	15 57	23 26	23 27	21 44	5 42	5 32
M17	12 8	3s40	5 4	4 9	2 21	0 23	7 52	23 37	0 10	3 10	1 29	5 42	2 17	22 19	0 2	1 12	1 21	0 45	15 57	23 26	23 27	21 45	5 41	5 32
T 18	11 47	9 15	5 1	3 54	2 35	0 21	8 2	23 38	0 11	3 13	1 30	5 44	2 18	22 19	0 2	1 11	1 21	0 45	15 56	23 26	23 27	21 46	5 39	5 32
W19	11 26	14 22	4 40	3 44	2 49	0 17	8 10	23 39	0 12	3 15	1 30	5 46	2 18	22 19	0 2	1 10	1 21	0 44	15 56	23 26	23 27	21 47	5 38	5 32
T 20	11 5	18 42	4 2	3 38	3 2	0 12	8 18	23 40	0 13	3 18	1 30	5 48	2 18	22 19	0 2	1 9	1 21	0 44	15 56	23 26	23 27	21 48	5 37	5 32
F 21	10 43	21 55	3 9	3 38	3 13	0 6	8 25	23 41	0 14	3 21	1 30	5 50	2 18	22 19	0 2	1 8	1 21	0 43	15 55	23 26	23 27	21 49	5 35	5 32
S 22	10 21	23 47	2 4	3 42	3 23	0s 1	8 31	23 41	0 14	3 24	1 30	5 52	2 18	22 19	0 2	1 8	1 21	0 43	15 55	23 26	23 27	21 50	5 34	5 32
S 23	10 0	24 7	0 53	3 51	3 31	0 10	8 36	23 42	0 15	3 26	1 31	5 53	2 18	22 19	0 2	1 7	1 21	0 42	15 55	23 26	23 27	21 51	5 33	5 32
M24	9 37	22 57	0n21	4 4	3 37	0 19	8 41	23 42	0 16	3 29	1 31	5 55	2 19	22 19	0 2	1 6	1 21	0 42	15 54	23 26	23 27	21 52	5 31	5 32
T 25	9 15	20 24	1 33	4 21	3 41	0 30	8 44	23 42	0 17	3 32	1 31	5 57	2 19	22 19	0 2	1 5	1 21	0 41	15 54	23 26	23 27	21 53	5 30	5 32
W26	8 53	16 44	2 39	4 42	3 43	0 41	8 46	23 41	0 18	3 35	1 31	5 59	2 19	22 19	0 2	1 4	1 21	0 41	15 54	23 26	23 27	21 54	5 28	5 32
T 27	8 31	12 14	3 35	5 5	3 43	0 54	8 48	23 41	0 19	3 38	1 31	6 1	2 19	22 19	0 2	1 3	1 21	0 40	15 53	23 26	23 27	21 55	5 27	5 32
F 28	8s 8	7s13	4n18	5s31	3n40	1s 7	8n48	23s40	0s20	3n41	1n31	6n 3	2n19	22n19	0n 2	1s 2	1s21	0s40	15s53	23s26	23s27	21n56	5s25	5n32

Julian Day Number = 2401172.5, Delta T = 8.97 sec
Ecliptic obliquity = 23°27'26, Nutation = 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°48'52, Lahiri = 21°55'52

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ASTRODIENST EPHEMERIS for the year 1862
geocentric

MARCH 1862 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 34 10	10♓11'14	13♓47	6°R 0	5°R26	6♑28	24°R 7	20°R 2	12♊21	0♈31	8♉44	1°R52	0♑59	24♉54	2♓35	S 1
S 2	10 38 7	11°11'24	26°39	4♓59	4♓50	7°10	24♍ 0	19♍57	12°21	0°33	8°45	1♑39	0°56	25° 0	2°39	S 2
M 3	10 42 3	12°11'33	9♈15	4° 1	4°15	7°51	23°52	19°53	12°22	0°35	8°45	1°27	0°53	25° 7	2°43	M 3
T 4	10 46 0	13°11'39	21°37	3° 7	3°42	8°32	23°45	19°48	12°23	0°37	8°46	1°15	0°50	25°14	2°47	T 4
W 5	10 49 56	14°11'44	3♉45	2°19	3° 9	9°13	23°37	19°43	12°23	0°40	8°47	1° 6	0°46	25°20	2°51	W 5
T 6	10 53 53	15°11'47	15°42	1°36	2°39	9°54	23°29	19°38	12°24	0°42	8°48	1° 0	0°43	25°27	2°55	T 6
F 7	10 57 49	16°11'47	27°33	0°59	2°10	10°35	23°22	19°34	12°25	0°44	8°49	0°56	0°40	25°34	2°59	F 7
S 8	11 1 46	17°11'46	9♊21	0°29	1°43	11°16	23°14	19°29	12°26	0°46	8°50	0°55	0°37	25°40	3° 3	S 8
S 9	11 5 43	18°11'42	21°13	0° 5	1°19	11°58	23° 6	19°24	12°27	0°48	8°51	0°D54	0°34	25°47	3° 7	S 9
M10	11 9 39	19°11'36	3♋13	29♒48	0°56	12°39	22°59	19°19	12°28	0°51	8°52	0°R54	0°30	25°54	3°11	M10
T 11	11 13 36	20°11'28	15°27	29°37	0°36	13°20	22°51	19°15	12°29	0°53	8°52	0°54	0°27	26° 0	3°15	T 11
W12	11 17 32	21°11'17	28° 0	29°D33	0°18	14° 1	22°43	19°10	12°30	0°55	8°53	0°51	0°24	26° 7	3°19	W12
T 13	11 21 29	22°11'05	10♌57	29°35	0° 2	14°42	22°35	19° 5	12°31	0°57	8°54	0°46	0°21	26°14	3°23	T 13
F 14	11 25 25	23°10'50	24°18	29°43	29♒49	15°23	22°27	19° 0	12°32	1° 0	8°55	0°38	0°18	26°20	3°27	F 14
S 15	11 29 22	24°10'33	8♍ 5	29°57	29°38	16° 5	22°20	18°56	12°34	1° 2	8°56	0°28	0°15	26°27	3°30	S 15
S 16	11 33 18	25°10'14	22°14	0♓15	29°30	16°46	22°12	18°51	12°35	1° 4	8°57	0°16	0°11	26°34	3°34	S 16
M17	11 37 15	26° 9'53	6♎41	0°39	29°25	17°27	22° 4	18°46	12°36	1° 6	8°58	0° 4	0° 8	26°40	3°38	M17
T 18	11 41 12	27° 9'30	21°18	1° 8	29°21	18° 8	21°56	18°41	12°38	1° 9	8°59	29♐53	0° 5	26°47	3°42	T 18
W19	11 45 8	28° 9'05	5♏59	1°41	29°D21	18°50	21°49	18°37	12°39	1°11	9° 1	29°44	0° 2	26°54	3°46	W19
T 20	11 49 5	29° 8'38	20°36	2°19	29°22	19°31	21°41	18°32	12°40	1°13	9° 2	29°38	29♐59	27° 0	3°50	T 20
F 21	11 53 1	0♈ 8'10	5♐ 3	3° 0	29°26	20°12	21°33	18°28	12°42	1°15	9° 3	29°34	29°56	27° 7	3°53	F 21
S 22	11 56 58	1° 7'40	19°17	3°45	29°33	20°53	21°26	18°23	12°44	1°18	9° 4	29°33	29°52	27°14	3°57	S 22
S 23	12 0 54	2° 7'08	3♑17	4°34	29°41	21°35	21°18	18°18	12°45	1°20	9° 5	29°33	29°49	27°20	4° 1	S 23
M24	12 4 51	3° 6'35	17° 3	5°25	29°52	22°16	21°11	18°14	12°47	1°22	9° 6	29°33	29°46	27°27	4° 4	M24
T 25	12 8 47	4° 5'59	0♒35	6°20	0♓ 5	22°57	21° 3	18° 9	12°49	1°25	9° 7	29°31	29°43	27°34	4° 8	T 25
W26	12 12 44	5° 5'22	13°55	7°18	0°20	23°38	20°56	18° 5	12°50	1°27	9° 8	29°27	29°40	27°40	4°12	W26
T 27	12 16 41	6° 4'43	27° 3	8°19	0°37	24°20	20°48	18° 0	12°52	1°29	9°10	29°19	29°36	27°47	4°15	T 27
F 28	12 20 37	7° 4'02	10♓ 0	9°22	0°56	25° 1	20°41	17°56	12°54	1°31	9°11	29° 9	29°33	27°54	4°19	F 28
S 29	12 24 34	8° 3'20	22°46	10°28	1°17	25°42	20°34	17°52	12°56	1°34	9°12	28°57	29°30	28° 0	4°22	S 29
S 30	12 28 30	9° 2'35	5♈20	11°36	1°39	26°23	20°27	17°47	12°58	1°36	9°13	28°43	29°27	28° 7	4°26	S 30
M31	12 32 27	10♈ 1'48	17♈43	12♓47	2♓ 4	27♑ 5	20♍20	17♍43	13♊ 0	1♈38	9♉14	28♐30	29♐24	28♉14	4♓29	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s45	1s58	4n47	5s58	3n36	1s20	8n47	23s39	0s21	3n44	1n31	6n 5	2n19	22n19	0n 2	1s 2	1s21	0s39	15s53	23s27	23s27	21n57	5s24	5n32
S 2	7 22	3n16	5 1	6 27	3 29	1 35	8 46	23 38	0 22	3 47	1 31	6 7	2 19	22 19	0 2	1 1	1 21	0 39	15 52	23 27	23 27	21 58	5 23	5 32
M 3	7 0	8 15	4 59	6 55	3 21	1 49	8 43	23 37	0 23	3 50	1 32	6 9	2 19	22 19	0 2	1 0	1 21	0 38	15 52	23 27	23 27	21 59	5 21	5 32
T 4	6 37	12 48	4 43	7 24	3 11	2 4	8 40	23 35	0 24	3 53	1 32	6 11	2 19	22 19	0 2	0 59	1 21	0 38	15 52	23 27	23 27	22 0	5 20	5 32
W 5	6 13	16 46	4 15	7 52	3 0	2 20	8 36	23 33	0 25	3 56	1 32	6 13	2 20	22 19	0 2	0 58	1 20	0 37	15 52	23 27	23 27	22 1	5 18	5 32
T 6	5 50	19 59	3 36	8 18	2 48	2 35	8 30	23 31	0 26	4 0	1 32	6 15	2 20	22 20	0 2	0 57	1 20	0 37	15 51	23 27	23 27	22 2	5 17	5 32
F 7	5 27	22 20	2 47	8 44	2 34	2 51	8 25	23 29	0 27	4 3	1 32	6 17	2 20	22 20	0 2	0 56	1 20	0 36	15 51	23 27	23 27	22 3	5 15	5 32
S 8	5 4	23 43	1 52	9 7	2 21	3 6	8 18	23 27	0 28	4 6	1 32	6 19	2 20	22 20	0 2	0 55	1 20	0 36	15 51	23 27	23 27	22 3	5 14	5 32
S 9	4 40	24 1	0 51	9 29	2 7	3 22	8 11	23 24	0 29	4 9	1 32	6 20	2 20	22 20	0 2	0 55	1 20	0 35	15 50	23 27	23 27	22 4	5 13	5 32
M10	4 17	23 13	0s12	9 48	1 52	3 37	8 3	23 22	0 31	4 12	1 32	6 22	2 20	22 20	0 2	0 54	1 20	0 35	15 50	23 27	23 27	22 5	5 11	5 32
T 11	3 53	21 18	1 16	10 5	1 38	3 52	7 54	23 19	0 32	4 15	1 32	6 24	2 20	22 20	0 2	0 53	1 20	0 34	15 50	23 27	23 27	22 6	5 10	5 32
W12	3 30	18 19	2 18	10 20	1 23	4 7	7 45	23 16	0 33	4 18	1 32	6 26	2 20	22 20	0 2	0 52	1 20	0 34	15 50	23 27	23 27	22 7	5 8	5 32
T 13	3 6	14 22	3 15	10 33	1 9	4 21	7 35	23 12	0 34	4 21	1 32	6 28	2 20	22 21	0 2	0 51	1 20	0 33	15 49	23 27	23 27	22 8	5 7	5 32
F 14	2 43	9 37	4 3	10 43	0 55	4 35	7 26	23 9	0 35	4 25	1 32	6 30	2 20	22 21	0 2	0 50	1 20	0 32	15 49	23 27	23 27	22 9	5 5	5 32
S 15	2 19	4 15	4 38	10 52	0 41	4 48	7 15	23 5	0 36	4 28	1 32	6 32	2 20	22 21	0 2	0 49	1 20	0 32	15 49	23 27	23 27	22 10	5 4	5 32
S 16	1 55	1s28	4 57	10 58	0 28	5 1	7 5	23 1	0 37	4 31	1 32	6 34	2 20	22 21	0 2	0 48	1 20	0 31	15 49	23 27	23 27	22 11	5 3	5 32
M17	1 32	7 13	4 58	11 1	0 14	5 13	6 54	22 57	0 38	4 34	1 32	6 36	2 20	22 21	0 2	0 47	1 20	0 31	15 48	23 27	23 27	22 11	5 1	5 32
T 18	1 8	12 38	4 40	11 3	0 2	5 25	6 43	22 53	0 39	4 37	1 32	6 38	2 20	22 21	0 2	0 46	1 20	0 30	15 48	23 27	23 27	22 12	5 0	5 32
W19	0 44	17 21	4 3	11 3	0s11	5 35	6 31	22 48	0 40	4 40	1 32	6 39	2 20	22 22	0 2	0 46	1 20	0 30	15 48	23 27	23 27	22 13	4 58	5 32
T 20	0 20	20 58	3 10	11 0	0 22	5 46	6 20	22 43	0 42	4 43	1 32	6 41	2 20	22 22	0 2	0 45	1 20	0 29	15 48	23 27	23 27	22 14	4 57	5 32
F 21	0n 3	23 13	2 6	10 56	0 34	5 55	6 8	22 38	0 43	4 46	1 32	6 43	2 20	22 22	0 2	0 44	1 20	0 29	15 47	23 27	23 27	22 15	4 55	5 32
S 22	0 27	23 55	0 54	10 50	0 44	6 4	5 57	22 33	0 44	4 49	1 32	6 45	2 20	22 22	0 2	0 43	1 20	0 28	15 47	23 27	23 27	22 16	4 54	5 32
S 23	0 51	23 5	0n20	10 42	0 55	6 12	5 45	22 28	0 45	4 52	1 32	6 47	2 20	22 22	0 2	0 42	1 21	0 28	15 47	23 27	23 27	22 16	4 53	5 33
M24	1 14	20 52	1 31	10 32	1 5	6 19	5 34	22 23	0 46	4 55	1 32	6 48	2 20	22 23	0 2	0 41	1 21	0 27	15 47	23 27	23 27	22 17	4 51	5 33
T 25	1 38	17 30	2 36	10 20	1 14	6 25	5 22	22 17	0 47	4 58	1 32	6 50	2 20	22 23	0 2	0 40	1 21	0 27	15 47	23 27	23 27	22 18	4 50	5 33
W26	2 1	13 17	3 31	10 7	1 23	6 31	5 10	22 11	0 49	5 1	1 32	6 52	2 20	22 23	0 2	0 39	1 21	0 26	15 46	23 27	23 27	22 19	4 48	5 33
T 27	2 25	8 31	4 15	9 52	1 31	6 36	4 59	22 5	0 50	5 4	1 32	6 54	2 20	22 23	0 2	0 38	1 21	0 25	15 46	23 27	23 27	22 20	4 47	5 33
F 28	2 48	3 26	4 44	9 35	1 39	6 40	4 47	21 59	0 51	5 6	1 32	6 55	2 20	22 24	0 2	0 38	1 21	0 25	15 46	23 27	23 27	22 20	4 46	5 33
S 29	3 12	1n42	4 59	9 17	1 46	6 44	4 36	21 53	0 52	5 9	1 32	6 57	2 20	22 24	0 2	0 37	1 21	0 24	15 46	23 27	23 27	22 21	4 44	5 33
S 30	3 35	6 41	4 58	8 57	1 52	6 46	4 24	21 46	0 54	5 12	1 32	6 59	2 20	22 24	0 2	0 36	1 21	0 24	15 46	23 27	23 27	22 22	4 43	5 33
M31	3n59	11n20	4n44	8s36	1s59	6s48	4n13	21s39	0s55	5n15	1n32	7n 0	2n20	22n24	0n 2	0s35	1s21	0s23	15s45	23s27	23s27	22n23	4s41	5n34

Julian Day Number = 2401200.5, Delta T = 8.97 sec
Ecliptic obliquity = 23°27'27, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°48'56, Lahiri = 21°55'56

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ASTRODIENST EPHEMERIS for the year 1862
geocentric

APRIL 1862 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 36 23	11♈ 0'59	29♈55	13♓59	2♓30	27♉46	20°R13	17°R39	13♊ 2	1♈40	9♉15	28°R17	29♐21	28♉20	4♓33	T 1
W 2	12 40 20	12° 0'08	11♉57	15°14	2°57	28°27	20♍ 6	17♍35	13° 4	1°43	9°17	28♐ 7	29°17	28°27	4°36	W 2
T 3	12 44 16	12°59'15	23°51	16°31	3°27	29° 8	19°59	17°31	13° 6	1°45	9°18	27°59	29°14	28°34	4°40	T 3
F 4	12 48 13	13°58'20	5♊39	17°49	3°57	29°50	19°53	17°27	13° 8	1°47	9°19	27°55	29°11	28°40	4°43	F 4
S 5	12 52 9	14°57'22	17°26	19°10	4°30	0♒31	19°46	17°23	13°10	1°49	9°20	27°53	29° 8	28°47	4°46	S 5
S 6	12 56 6	15°56'22	29°16	20°32	5° 3	1°12	19°40	17°19	13°13	1°52	9°22	27°D52	29° 5	28°54	4°50	S 6
M 7	13 0 3	16°55'20	11♋15	21°56	5°38	1°53	19°33	17°15	13°15	1°54	9°23	27°R52	29° 1	29° 0	4°53	M 7
T 8	13 3 59	17°54'16	23°27	23°22	6°14	2°34	19°27	17°11	13°17	1°56	9°24	27°52	28°58	29° 7	4°56	T 8
W 9	13 7 56	18°53'09	5♌58	24°50	6°51	3°16	19°21	17° 8	13°20	1°58	9°26	27°51	28°55	29°14	4°59	W 9
T 10	13 11 52	19°52'00	18°53	26°19	7°30	3°57	19°15	17° 4	13°22	2° 0	9°27	27°48	28°52	29°20	5° 2	T 10
F 11	13 15 49	20°50'49	2♍16	27°50	8°10	4°38	19°10	17° 1	13°24	2° 3	9°28	27°42	28°49	29°27	5° 6	F 11
S 12	13 19 45	21°49'35	16° 6	29°22	8°50	5°19	19° 4	16°57	13°27	2° 5	9°29	27°34	28°46	29°34	5° 9	S 12
S 13	13 23 42	22°48'20	0♎25	0♈57	9°32	6° 0	18°58	16°54	13°29	2° 7	9°31	27°24	28°42	29°40	5°12	S 13
M14	13 27 38	23°47'02	15° 6	2°32	10°15	6°41	18°53	16°50	13°32	2° 9	9°32	27°14	28°39	29°47	5°15	M14
T 15	13 31 35	24°45'42	0♏ 3	4°10	10°59	7°22	18°48	16°47	13°34	2°11	9°33	27° 5	28°36	29°54	5°18	T 15
W16	13 35 32	25°44'20	15° 6	5°49	11°43	8° 4	18°43	16°44	13°37	2°13	9°35	26°58	28°33	0♊ 0	5°21	W16
T 17	13 39 28	26°42'57	0♐ 5	7°30	12°29	8°45	18°38	16°41	13°40	2°15	9°36	26°53	28°30	0° 7	5°23	T 17
F 18	13 43 25	27°41'32	14°54	9°12	13°16	9°26	18°33	16°38	13°42	2°18	9°37	26°50	28°27	0°14	5°26	F 18
S 19	13 47 21	28°40'05	29°25	10°56	14° 3	10° 7	18°29	16°35	13°45	2°20	9°39	26°D50	28°23	0°20	5°29	S 19
S 20	13 51 18	29°38'36	13♑36	12°42	14°51	10°48	18°24	16°32	13°48	2°22	9°40	26°50	28°20	0°27	5°32	S 20
M21	13 55 14	0♒37'06	27°26	14°29	15°40	11°29	18°20	16°29	13°51	2°24	9°41	26°R51	28°17	0°34	5°35	M21
T 22	13 59 11	1°35'34	10♓56	16°18	16°30	12°10	18°16	16°27	13°53	2°26	9°43	26°50	28°14	0°40	5°37	T 22
W23	14 3 7	2°34'01	24° 7	18° 9	17°20	12°51	18°12	16°24	13°56	2°28	9°44	26°48	28°11	0°47	5°40	W23
T 24	14 7 4	3°32'26	7♈ 2	20° 1	18°11	13°32	18° 8	16°22	13°59	2°30	9°45	26°44	28° 7	0°54	5°42	T 24
F 25	14 11 1	4°30'49	19°42	21°55	19° 3	14°13	18° 5	16°19	14° 2	2°32	9°47	26°37	28° 4	1° 0	5°45	F 25
S 26	14 14 57	5°29'11	2♈11	23°51	19°55	14°54	18° 1	16°17	14° 5	2°34	9°48	26°29	28° 1	1° 7	5°47	S 26
S 27	14 18 54	6°27'31	14°29	25°49	20°48	15°35	17°58	16°15	14° 8	2°36	9°50	26°20	27°58	1°14	5°50	S 27
M28	14 22 50	7°25'49	26°38	27°48	21°41	16°15	17°55	16°13	14°11	2°38	9°51	26°10	27°55	1°20	5°52	M28
T 29	14 26 47	8°24'06	8♉39	29°48	22°35	16°56	17°52	16°11	14°14	2°40	9°52	26° 2	27°52	1°27	5°55	T 29
W30	14 30 43	9♉22'21	20♉34	1♉50	23♓30	17♒37	17♍49	16♍ 9	14♊17	2♈42	9♉54	25♐55	27♐48	1♊34	5♓57	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n22	15n27	4n17	8s13	2s 4	6s50	4n 2	21s32	0s56	5n17	1n32	7n 2	2n20	22n25	0n 2	0s34	1s21	0s23	15s45	23s27	23s27	22n24	4s40	5n34
W 2	4 45	18 53	3 38	7 49	2 9	6 50	3 51	21 25	0 57	5 20	1 32	7 3	2 20	22 25	0 2	0 33	1 21	0 22	15 45	23 27	23 27	22 24	4 39	5 34
T 3	5 8	21 30	2 50	7 23	2 14	6 50	3 40	21 18	0 59	5 23	1 32	7 5	2 20	22 25	0 2	0 32	1 21	0 22	15 45	23 27	23 27	22 25	4 37	5 34
F 4	5 31	23 9	1 55	6 56	2 18	6 49	3 29	21 11	1 0	5 25	1 32	7 6	2 20	22 25	0 2	0 31	1 21	0 21	15 45	23 26	23 27	22 26	4 36	5 34
S 5	5 54	23 47	0 55	6 28	2 22	6 47	3 19	21 3	1 1	5 28	1 32	7 8	2 20	22 26	0 2	0 30	1 21	0 21	15 45	23 26	23 27	22 27	4 35	5 34
S 6	6 17	23 20	0s 7	5 59	2 25	6 45	3 8	20 55	1 2	5 30	1 32	7 9	2 20	22 26	0 2	0 30	1 21	0 20	15 44	23 26	23 27	22 27	4 33	5 34
M 7	6 39	21 48	1 11	5 28	2 28	6 42	2 58	20 47	1 4	5 32	1 31	7 11	2 20	22 26	0 2	0 29	1 21	0 20	15 44	23 26	23 27	22 28	4 32	5 35
T 8	7 2	19 15	2 12	4 56	2 30	6 38	2 48	20 39	1 5	5 35	1 31	7 12	2 19	22 27	0 2	0 28	1 21	0 19	15 44	23 26	23 27	22 29	4 31	5 35
W 9	7 24	15 45	3 8	4 22	2 31	6 33	2 38	20 31	1 6	5 37	1 31	7 14	2 19	22 27	0 2	0 27	1 21	0 19	15 44	23 26	23 27	22 30	4 29	5 35
T 10	7 46	11 25	3 57	3 48	2 32	6 28	2 28	20 23	1 8	5 39	1 31	7 15	2 19	22 27	0 2	0 26	1 21	0 18	15 44	23 26	23 27	22 30	4 28	5 35
F 11	8 9	6 24	4 35	3 12	2 33	6 22	2 19	20 14	1 9	5 41	1 31	7 16	2 19	22 27	0 2	0 25	1 21	0 18	15 44	23 26	23 27	22 31	4 27	5 35
S 12	8 31	0 55	4 58	2 35	2 33	6 16	2 9	20 6	1 10	5 43	1 31	7 17	2 19	22 28	0 2	0 24	1 21	0 17	15 44	23 26	23 27	22 32	4 25	5 35
S 13	8 53	4s48	5 3	1 57	2 32	6 9	2 0	19 57	1 12	5 45	1 31	7 19	2 19	22 28	0 2	0 24	1 21	0 17	15 44	23 26	23 27	22 32	4 24	5 36
M14	9 14	10 24	4 49	1 18	2 31	6 1	1 51	19 48	1 13	5 47	1 31	7 20	2 19	22 28	0 2	0 23	1 21	0 16	15 43	23 26	23 27	22 33	4 23	5 36
T 15	9 36	15 28	4 15	0 38	2 30	5 53	1 42	19 39	1 15	5 49	1 30	7 21	2 19	22 29	0 2	0 22	1 21	0 16	15 43	23 26	23 27	22 34	4 22	5 36
W16	9 57	19 37	3 24	0n 3	2 28	5 44	1 33	19 29	1 16	5 51	1 30	7 22	2 19	22 29	0 2	0 21	1 21	0 15	15 43	23 25	23 27	22 34	4 20	5 36
T 17	10 19	22 26	2 18	0 45	2 25	5 35	1 24	19 20	1 17	5 53	1 30	7 23	2 19	22 29	0 2	0 20	1 21	0 15	15 43	23 25	23 27	22 35	4 19	5 36
F 18	10 40	23 39	1 3	1 28	2 22	5 25	1 16	19 10	1 19	5 55	1 30	7 24	2 18	22 30	0 2	0 19	1 21	0 14	15 43	23 25	23 27	22 36	4 18	5 37
S 19	11 1	23 13	0n14	2 12	2 19	5 14	1 8	19 1	1 20	5 56	1 30	7 25	2 18	22 30	0 2	0 19	1 21	0 14	15 43	23 25	23 27	22 36	4 17	5 37
S 20	11 21	21 17	1 29	2 57	2 15	5 3	1 0	18 51	1 21	5 58	1 30	7 26	2 18	22 30	0 2	0 18	1 21	0 13	15 43	23 25	23 27	22 37	4 16	5 37
M21	11 42	18 8	2 36	3 43	2 10	4 52	0 52	18 41	1 23	5 59	1 29	7 27	2 18	22 31	0 2	0 17	1 21	0 13	15 43	23 25	23 27	22 38	4 14	5 37
T 22	12 2	14 4	3 34	4 30	2 5	4 40	0 44	18 31	1 24	6 1	1 29	7 28	2 18	22 31	0 2	0 16	1 21	0 12	15 43	23 25	23 27	22 38	4 13	5 38
W23	12 22	9 26	4 18	5 17	1 59	4 27	0 36	18 20	1 26	6 2	1 29	7 29	2 18	22 31	0 2	0 16	1 21	0 12	15 43	23 25	23 27	22 39	4 12	5 38
T 24	12 42	4 28	4 49	6 5	1 53	4 14	0 29	18 10	1 27	6 3	1 29	7 30	2 18	22 32	0 2	0 15	1 21	0 11	15 43	23 25	23 27	22 40	4 11	5 38
F 25	13 2	0n35	5 4	6 54	1 47	4 0	0 22	17 59	1 29	6 5	1 29	7 31	2 18	22 32	0 2	0 14	1 21	0 11	15 43	23 25	23 27	22 40	4 10	5 38
S 26	13 22	5 32	5 5	7 43	1 40	3 46	0 15	17 49	1 30	6 6	1 29	7 32	2 17	22 32	0 2	0 13	1 21	0 11	15 43	23 25	23 27	22 41	4 9	5 38
S 27	13 41	10 11	4 51	8 33	1 32	3 32	0 8	17 38	1 32	6 7	1 28	7 32	2 17	22 33	0 2	0 12	1 21	0 10	15 42	23 24	23 26	22 41	4 8	5 39
M28	14 0	14 23	4 25	9 23	1 24	3 17	0 1	17 27	1 33	6 8	1 28	7 33	2 17	22 33	0 2	0 12	1 21	0 10	15 42	23 24	23 26	22 42	4 7	5 39
T 29	14 19	17 58	3 47	10 14	1 16	3 1	0s 5	17 16	1 35	6 9	1 28	7 34	2 17	22 34	0 2	0 11	1 21	0 9	15 42	23 24	23 26	22 43	4 5	5 39
W30	14n38	20n46	2n59	11n 4	1s 7	2s46	0s12	17s 5	1s36	6n10	1n28	7n34	2n17	22n34	0n 2	0s10	1s21	0s 9	15s42	23s24	23s26	22n43	4s 4	5n39

Julian Day Number = 2401231.5, Delta T = 8.97 sec
Ecliptic obliquity = 23°27'26, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°49'00, Lahiri = 21°56'00

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ASTRODIENST EPHEMERIS for the year 1862
geocentric

MAY 1862 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 34 40	10♉20'34	2♊23	3♉54	24♓25	18♒18	17°R46	16°R 7	14♊20	2♈44	9♉55	25°R50	27♐45	1♊40	5♓59	T 1
F 2	14 38 36	11°18'45	14°10	5°59	25°21	18°59	17♍44	16♍ 5	14°23	2°45	9°56	25♐47	27°42	1°47	6° 1	F 2
S 3	14 42 33	12°16'55	25°58	8° 5	26°17	19°39	17°42	16° 3	14°26	2°47	9°58	25°D46	27°39	1°54	6° 3	S 3
S 4	14 46 30	13°15'02	7♋49	10°13	27°13	20°20	17°40	16° 2	14°29	2°49	9°59	25°47	27°36	2° 0	6° 6	S 4
M 5	14 50 26	14°13'08	19°48	12°21	28°10	21° 0	17°38	16° 1	14°33	2°51	10° 0	25°48	27°33	2° 7	6° 8	M 5
T 6	14 54 23	15°11'12	2♌ 0	14°31	29° 8	21°41	17°36	15°59	14°36	2°53	10° 2	25°50	27°29	2°14	6°10	T 6
W 7	14 58 19	16° 9'14	14°29	16°41	0♈ 6	22°22	17°35	15°58	14°39	2°55	10° 3	25°R51	27°26	2°20	6°12	W 7
T 8	15 2 16	17° 7'14	27°21	18°51	1° 4	23° 2	17°34	15°57	14°42	2°56	10° 5	25°50	27°23	2°27	6°13	T 8
F 9	15 6 12	18° 5'12	10♍38	21° 2	2° 2	23°42	17°33	15°56	14°45	2°58	10° 6	25°48	27°20	2°34	6°15	F 9
S 10	15 10 9	19° 3'08	24°24	23°12	3° 1	24°23	17°32	15°55	14°49	3° 0	10° 7	25°44	27°17	2°40	6°17	S 10
S 11	15 14 5	20° 1'02	8♎39	25°22	4° 1	25° 3	17°31	15°54	14°52	3° 2	10° 9	25°40	27°13	2°47	6°19	S 11
M12	15 18 2	20°58'55	23°19	27°32	5° 0	25°43	17°30	15°53	14°55	3° 3	10°10	25°35	27°10	2°53	6°20	M12
T 13	15 21 59	21°56'46	8♏19	29°40	6° 0	26°24	17°30	15°53	14°59	3° 5	10°11	25°30	27° 7	3° 0	6°22	T 13
W14	15 25 55	22°54'35	23°30	1♊48	7° 1	27° 4	17°30	15°52	15° 2	3° 6	10°13	25°26	27° 4	3° 7	6°24	W14
T 15	15 29 52	23°52'23	8♐43	3°53	8° 1	27°44	17°D30	15°52	15° 5	3° 8	10°14	25°24	27° 1	3°13	6°25	T 15
F 16	15 33 48	24°50'10	23°48	5°57	9° 2	28°24	17°30	15°52	15° 9	3°10	10°15	25°D23	26°58	3°20	6°27	F 16
S 17	15 37 45	25°47'56	8♑36	7°59	10° 4	29° 4	17°30	15°51	15°12	3°11	10°17	25°23	26°54	3°27	6°28	S 17
S 18	15 41 41	26°45'40	23° 2	9°59	11° 5	29°44	17°31	15°D51	15°15	3°13	10°18	25°25	26°51	3°33	6°29	S 18
M19	15 45 38	27°43'23	7♒ 3	11°56	12° 7	0♓24	17°31	15°51	15°19	3°14	10°19	25°26	26°48	3°40	6°31	M19
T 20	15 49 34	28°41'05	20°40	13°51	13° 9	1° 4	17°32	15°51	15°22	3°16	10°21	25°27	26°45	3°47	6°32	T 20
W21	15 53 31	29°38'46	3♓52	15°44	14°12	1°44	17°33	15°52	15°26	3°17	10°22	25°R27	26°42	3°53	6°33	W21
T 22	15 57 28	0♊36'26	16°44	17°33	15°14	2°23	17°35	15°52	15°29	3°19	10°23	25°26	26°39	4° 0	6°34	T 22
F 23	16 1 24	1°34'05	29°17	19°20	16°17	3° 3	17°36	15°52	15°33	3°20	10°24	25°24	26°35	4° 7	6°35	F 23
S 24	16 5 21	2°31'43	11♈36	21° 4	17°20	3°42	17°38	15°53	15°36	3°21	10°26	25°21	26°32	4°13	6°36	S 24
S 25	16 9 17	3°29'20	23°43	22°45	18°24	4°22	17°39	15°53	15°40	3°23	10°27	25°18	26°29	4°20	6°37	S 25
M26	16 13 14	4°26'56	5♉42	24°23	19°27	5° 1	17°41	15°54	15°43	3°24	10°28	25°15	26°26	4°27	6°38	M26
T 27	16 17 10	5°24'31	17°35	25°58	20°31	5°41	17°43	15°55	15°47	3°25	10°29	25°11	26°23	4°33	6°39	T 27
W28	16 21 7	6°22'05	29°24	27°30	21°35	6°20	17°46	15°56	15°50	3°27	10°31	25° 9	26°19	4°40	6°40	W28
T 29	16 25 3	7°19'38	11♊12	28°58	22°40	6°59	17°48	15°57	15°54	3°28	10°32	25° 8	26°16	4°47	6°41	T 29
F 30	16 29 0	8°17'10	23° 0	0♋24	23°44	7°38	17°51	15°58	15°57	3°29	10°33	25°D 7	26°13	4°53	6°41	F 30
S 31	16 32 57	9♊14'41	4♋51	1♋47	24♈49	8♓17	17♍54	15♍59	16♊ 1	3♈30	10♉34	25♐ 7	26♐10	5♊ 0	6♓42	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n56	22n40	2n 3	11n55	0s58	2s30	0s18	16s54	1s38	6n11	1n28	7n35	2n17	22n34	0n 2	0s 9	1s21	0s 8	15s42	23s23	23s26	22n44	4s 3	5n40
F 2	15 14	23 33	1 3	12 46	0 48	2 13	0 24	16 43	1 39	6 11	1 27	7 35	2 17	22 35	0 2	0 9	1 21	0 8	15 42	23 23	23 26	22 44	4 2	5 40
S 3	15 32	23 23	0s 1	13 36	0 38	1 56	0 30	16 32	1 41	6 12	1 27	7 36	2 16	22 35	0 2	0 8	1 21	0 8	15 42	23 23	23 26	22 45	4 1	5 40
S 4	15 50	22 9	1 5	14 27	0 28	1 39	0 36	16 20	1 42	6 13	1 27	7 36	2 16	22 35	0 2	0 7	1 21	0 7	15 42	23 23	23 26	22 46	4 0	5 40
M 5	16 7	19 54	2 7	15 16	0 18	1 21	0 41	16 9	1 44	6 13	1 27	7 37	2 16	22 36	0 2	0 7	1 21	0 7	15 42	23 23	23 26	22 46	3 59	5 41
T 6	16 24	16 44	3 4	16 5	0 8	1 3	0 47	15 57	1 45	6 14	1 27	7 37	2 16	22 36	0 2	0 6	1 21	0 6	15 42	23 23	23 26	22 47	3 58	5 41
W 7	16 41	12 45	3 54	16 53	0n 3	0 45	0 52	15 45	1 47	6 14	1 26	7 37	2 16	22 37	0 2	0 5	1 22	0 6	15 42	23 24	23 26	22 47	3 57	5 41
T 8	16 58	8 6	4 34	17 40	0 13	0 27	0 57	15 33	1 48	6 14	1 26	7 38	2 16	22 37	0 2	0 5	1 22	0 6	15 42	23 23	23 26	22 48	3 56	5 41
F 9	17 14	2 56	5 1	18 25	0 24	0 8	1 2	15 21	1 50	6 15	1 26	7 38	2 15	22 37	0 2	0 4	1 22	0 5	15 42	23 23	23 26	22 48	3 56	5 42
S 10	17 30	2s33	5 12	19 9	0 34	0n11	1 6	15 9	1 51	6 15	1 26	7 38	2 15	22 38	0 2	0 3	1 22	0 5	15 42	23 23	23 26	22 49	3 55	5 42
S 11	17 46	8 5	5 4	19 51	0 45	0 30	1 11	14 57	1 53	6 15	1 25	7 38	2 15	22 38	0 2	0 3	1 22	0 4	15 42	23 23	23 26	22 49	3 54	5 42
M12	18 1	13 20	4 36	20 31	0 55	0 50	1 16	14 45	1 55	6 15	1 25	7 38	2 15	22 38	0 2	0 2	1 22	0 4	15 42	23 23	23 26	22 50	3 53	5 43
T 13	18 16	17 54	3 49	21 8	1 4	1 10	1 20	14 33	1 56	6 15	1 25	7 38	2 15	22 39	0 2	0 1	1 22	0 4	15 43	23 23	23 26	22 50	3 52	5 43
W14	18 31	21 20	2 46	21 44	1 13	1 30	1 24	14 21	1 58	6 15	1 25	7 38	2 14	22 39	0 2	0 1	1 22	0 3	15 43	23 23	23 25	22 51	3 51	5 43
T 15	18 45	23 15	1 30	22 17	1 22	1 50	1 28	14 8	1 59	6 15	1 25	7 38	2 14	22 40	0 2	0 0	1 22	0 3	15 43	23 23	23 25	22 51	3 50	5 43
F 16	18 59	23 27	0 9	22 48	1 30	2 11	1 32	13 56	2 1	6 14	1 24	7 38	2 14	22 40	0 2	0n 0	1 22	0 3	15 43	23 23	23 25	22 52	3 50	5 44
S 17	19 13	21 59	1n12	23 16	1 38	2 31	1 35	13 43	2 3	6 14	1 24	7 38	2 14	22 40	0 2	0 1	1 22	0 2	15 43	23 23	23 25	22 52	3 49	5 44
S 18	19 27	19 5	2 26	23 42	1 45	2 52	1 39	13 31	2 4	6 14	1 24	7 38	2 14	22 41	0 2	0 1	1 22	0 2	15 43	23 23	23 25	22 53	3 48	5 44
M19	19 40	15 9	3 29	24 4	1 51	3 13	1 42	13 18	2 6	6 13	1 24	7 38	2 14	22 41	0 2	0 2	1 22	0 2	15 43	23 23	23 25	22 53	3 47	5 45
T 20	19 53	10 32	4 19	24 25	1 57	3 35	1 46	13 5	2 7	6 13	1 23	7 38	2 13	22 41	0 2	0 3	1 22	0 1	15 43	23 23	23 25	22 54	3 47	5 45
W21	20 5	5 33	4 53	24 42	2 2	3 56	1 49	12 53	2 9	6 12	1 23	7 38	2 13	22 42	0 2	0 3	1 22	0 1	15 43	23 23	23 25	22 54	3 46	5 45
T 22	20 18	0 28	5 11	24 58	2 6	4 17	1 52	12 40	2 11	6 11	1 23	7 37	2 13	22 42	0 2	0 4	1 22	0 1	15 43	23 23	23 25	22 55	3 45	5 45
F 23	20 29	4n31	5 14	25 10	2 9	4 39	1 55	12 27	2 12	6 10	1 23	7 37	2 13	22 43	0 2	0 4	1 22	0 1	15 43	23 23	23 25	22 55	3 45	5 46
S 24	20 41	9 13	5 2	25 20	2 11	5 1	1 57	12 14	2 14	6 10	1 23	7 37	2 13	22 43	0 2	0 5	1 22	0 0	15 43	23 23	23 25	22 56	3 44	5 46
S 25	20 52	13 30	4 37	25 28	2 13	5 22	2 0	12 1	2 16	6 9	1 22	7 36	2 12	22 43	0 2	0 5	1 22	0 0	15 43	23 22	23 25	22 56	3 43	5 46
M26	21 3	17 12	4 0	25 34	2 14	5 44	2 2	11 48	2 17	6 8	1 22	7 36	2 12	22 44	0 2	0 6	1 22	0n 0	15 44	23 22	23 25	22 57	3 43	5 47
T 27	21 13	20 10	3 13	25 38	2 14	6 6	2 4	11 35	2 19	6 7	1 22	7 35	2 12	22 44	0 2	0 6	1 22	0 0	15 44	23 22	23 24	22 57	3 42	5 47
W28	21 23	22 16	2 17	25 39	2 13	6 28	2 7	11 22	2 21	6 6	1 22	7 35	2 12	22 45	0 2	0 7	1 22	0 1	15 44	23 22	23 24	22 57	3 42	5 47
T 29	21 33	23 24	1 16	25 39	2 12	6 50	2 9	11 9	2 22	6 4	1 21	7 34	2 12	22 45	0 2	0 7	1 22	0 1	15 44	23 22	23 24	22 58	3 41	5 47
F 30	21 42	23 28	0 12	25 37	2 9	7 12	2 10	10 56	2 24	6 3	1 21	7 34	2 12	22 45	0 2	0 7	1 23	0 1	15 44	23 22	23 24	22 58	3 40	5 48
S 31	21n51	22n28	0s54	25n33	2n 6	7n34	2s12	10s43	2s26	6n 2	1n21	7n33	2n11	22n46	0n 2	0n 8	1s23	0n 1	15s44	23s22	23s24	22n59	3s40	5n48

Julian Day Number = 2401261.5, Delta T = 8.97 sec
Ecliptic obliquity = 23°27'26, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°49'04, Lahiri = 21°56'05

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ASTRODIENST EPHEMERIS for the year 1862
geocentric

JUNE 1862 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 36 53	10♊12'10	16♋47	3♋ 6	25♈53	8♓56	17♍57	16♍ 1	16♊ 4	3♈31	10♉36	25♐ 8	26♐ 7	5♊ 7	6♓42	S 1
M 2	16 40 50	11° 9'39	28°53	4°22	26°58	9°35	18° 0	16° 2	16° 8	3°33	10°37	25° 9	26° 4	5°13	6°43	M 2
T 3	16 44 46	12° 7'06	11♌10	5°35	28° 4	10°13	18° 3	16° 4	16°11	3°34	10°38	25°10	26° 0	5°20	6°43	T 3
W 4	16 48 43	13° 4'32	23°42	6°44	29° 9	10°52	18° 7	16° 5	16°15	3°35	10°39	25°11	25°57	5°27	6°44	W 4
T 5	16 52 39	14° 1'57	6♍33	7°50	0♉14	11°30	18°10	16° 7	16°18	3°36	10°40	25°12	25°54	5°33	6°44	T 5
F 6	16 56 36	14°59'21	19°47	8°52	1°20	12° 8	18°14	16° 9	16°22	3°37	10°42	25°R12	25°51	5°40	6°44	F 6
S 7	17 0 32	15°56'43	3♎25	9°51	2°26	12°47	18°18	16°11	16°26	3°38	10°43	25°12	25°48	5°47	6°45	S 7
S 8	17 4 29	16°54'04	17°29	10°47	3°32	13°25	18°22	16°13	16°29	3°39	10°44	25°11	25°44	5°53	6°45	S 8
M 9	17 8 26	17°51'25	1♏57	11°38	4°38	14° 2	18°27	16°15	16°33	3°40	10°45	25°10	25°41	6° 0	6°45	M 9
T 10	17 12 22	18°48'44	16°46	12°26	5°44	14°40	18°31	16°17	16°36	3°41	10°46	25° 9	25°38	6° 7	6°R45	T 10
W11	17 16 19	19°46'03	1♐50	13°10	6°50	15°18	18°36	16°20	16°40	3°41	10°47	25° 9	25°35	6°13	6°45	W11
T 12	17 20 15	20°43'21	17° 0	13°49	7°57	15°56	18°40	16°22	16°43	3°42	10°48	25° 9	25°32	6°20	6°45	T 12
F 13	17 24 12	21°40'38	2♑ 7	14°25	9° 4	16°33	18°45	16°25	16°47	3°43	10°49	25°D 9	25°29	6°26	6°45	F 13
S 14	17 28 8	22°37'55	17° 3	14°57	10°10	17°10	18°50	16°27	16°50	3°44	10°50	25° 9	25°25	6°33	6°44	S 14
S 15	17 32 5	23°35'11	1♒39	15°24	11°17	17°47	18°56	16°30	16°54	3°45	10°52	25° 9	25°22	6°40	6°44	S 15
M16	17 36 2	24°32'27	15°51	15°47	12°25	18°24	19° 1	16°33	16°58	3°45	10°53	25° 9	25°19	6°46	6°44	M16
T 17	17 39 58	25°29'42	29°37	16° 5	13°32	19° 1	19° 7	16°36	17° 1	3°46	10°54	25°R 9	25°16	6°53	6°43	T 17
W18	17 43 55	26°26'57	12♓56	16°19	14°39	19°38	19°12	16°39	17° 5	3°47	10°55	25° 9	25°13	7° 0	6°43	W18
T 19	17 47 51	27°24'12	25°50	16°29	15°47	20°15	19°18	16°42	17° 8	3°47	10°56	25°D 9	25°10	7° 6	6°42	T 19
F 20	17 51 48	28°21'27	8♈23	16°33	16°54	20°51	19°24	16°45	17°12	3°48	10°57	25° 9	25° 6	7°13	6°42	F 20
S 21	17 55 44	29°18'41	20°39	16°R34	18° 2	21°27	19°30	16°48	17°15	3°48	10°58	25° 9	25° 3	7°20	6°41	S 21
S 22	17 59 41	0♋15'56	2♉42	16°30	19°10	22° 3	19°36	16°51	17°19	3°49	10°59	25°10	25° 0	7°26	6°41	S 22
M23	18 3 37	1°13'10	14°36	16°21	20°18	22°39	19°43	16°55	17°22	3°49	11° 0	25°10	24°57	7°33	6°40	M23
T 24	18 7 34	2°10'24	26°24	16° 8	21°26	23°15	19°49	16°58	17°26	3°50	11° 0	25°11	24°54	7°40	6°39	T 24
W25	18 11 31	3° 7'39	8♊12	15°51	22°34	23°50	19°56	17° 2	17°29	3°50	11° 1	25°12	24°50	7°46	6°38	W25
T 26	18 15 27	4° 4'53	20° 0	15°30	23°42	24°25	20° 3	17° 6	17°32	3°51	11° 2	25°R12	24°47	7°53	6°37	T 26
F 27	18 19 24	5° 2'07	1♋53	15° 5	24°50	25° 0	20°10	17° 9	17°36	3°51	11° 3	25°12	24°44	8° 0	6°36	F 27
S 28	18 23 20	5°59'20	13°51	14°37	25°59	25°35	20°17	17°13	17°39	3°51	11° 4	25°11	24°41	8° 6	6°35	S 28
S 29	18 27 17	6°56'34	25°59	14° 7	27° 7	26°10	20°24	17°17	17°43	3°52	11° 5	25°10	24°38	8°13	6°34	S 29
M30	18 31 13	7♋53'47	8♌16	13♋33	28♉16	26♓44	20♍31	17♍21	17♊46	3♈52	11♉ 6	25♐ 9	24♐35	8♊20	6♓33	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 0	20n28	1s57	25n27	2n 2	7n56	2s14	10s30	2s28	6n 1	1n21	7n32	2n11	22n46	0n 2	0n 8	1s23	0n 2	15s44	23s22	23s24	22n59	3s39	5n48
M 2	22 8	17 31	2 56	25 20	1 57	8 18	2 15	10 17	2 29	5 59	1 21	7 31	2 11	22 46	0 2	0 9	1 23	0 2	15 44	23 22	23 24	22 59	3 39	5 49
T 3	22 16	13 46	3 48	25 12	1 52	8 40	2 17	10 4	2 31	5 58	1 20	7 31	2 11	22 47	0 2	0 9	1 23	0 2	15 45	23 22	23 24	23 0	3 39	5 49
W 4	22 23	9 22	4 31	25 3	1 46	9 2	2 18	9 51	2 33	5 56	1 20	7 30	2 11	22 47	0 2	0 10	1 23	0 2	15 45	23 22	23 24	23 0	3 38	5 49
T 5	22 30	4 27	5 1	24 52	1 38	9 24	2 19	9 38	2 34	5 54	1 20	7 29	2 10	22 48	0 2	0 10	1 23	0 3	15 45	23 22	23 24	23 1	3 38	5 50
F 6	22 37	0s48	5 16	24 40	1 30	9 45	2 20	9 25	2 36	5 53	1 20	7 28	2 10	22 48	0 2	0 10	1 23	0 3	15 45	23 22	23 23	23 1	3 37	5 50
S 7	22 43	6 10	5 14	24 27	1 22	10 7	2 21	9 12	2 38	5 51	1 20	7 27	2 10	22 48	0 2	0 11	1 23	0 3	15 45	23 22	23 23	23 1	3 37	5 50
S 8	22 49	11 23	4 54	24 13	1 12	10 29	2 22	8 59	2 40	5 49	1 19	7 26	2 10	22 49	0 2	0 11	1 23	0 3	15 45	23 22	23 23	23 2	3 37	5 50
M 9	22 54	16 8	4 15	23 59	1 2	10 50	2 22	8 46	2 41	5 47	1 19	7 25	2 10	22 49	0 2	0 11	1 23	0 3	15 45	23 22	23 23	23 2	3 36	5 51
T 10	22 59	20 1	3 18	23 44	0 51	11 12	2 23	8 33	2 43	5 45	1 19	7 24	2 10	22 49	0 2	0 12	1 23	0 3	15 46	23 22	23 23	23 2	3 36	5 51
W11	23 4	22 36	2 6	23 28	0 40	11 33	2 23	8 20	2 45	5 43	1 19	7 23	2 9	22 50	0 2	0 12	1 23	0 4	15 46	23 22	23 23	23 3	3 36	5 51
T 12	23 8	23 34	0 45	23 12	0 28	11 54	2 24	8 7	2 47	5 41	1 18	7 22	2 9	22 50	0 2	0 12	1 23	0 4	15 46	23 22	23 23	23 3	3 36	5 52
F 13	23 12	22 48	0n39	22 55	0 15	12 15	2 24	7 54	2 48	5 39	1 18	7 21	2 9	22 50	0 2	0 12	1 23	0 4	15 46	23 22	23 23	23 3	3 35	5 52
S 14	23 15	20 24	1 59	22 39	0 1	12 36	2 24	7 41	2 50	5 37	1 18	7 20	2 9	22 51	0 2	0 13	1 23	0 4	15 46	23 22	23 23	23 4	3 35	5 52
S 15	23 18	16 44	3 9	22 22	0s13	12 57	2 24	7 28	2 52	5 35	1 18	7 18	2 9	22 51	0 2	0 13	1 23	0 4	15 47	23 22	23 23	23 4	3 35	5 53
M16	23 21	12 10	4 6	22 4	0 27	13 18	2 24	7 15	2 54	5 32	1 18	7 17	2 9	22 52	0 2	0 13	1 23	0 4	15 47	23 22	23 22	23 4	3 35	5 53
T 17	23 23	7 8	4 47	21 47	0 42	13 38	2 23	7 2	2 55	5 30	1 17	7 16	2 8	22 52	0 3	0 13	1 23	0 4	15 47	23 22	23 22	23 5	3 35	5 53
W18	23 25	1 56	5 11	21 30	0 58	13 58	2 23	6 49	2 57	5 28	1 17	7 15	2 8	22 52	0 3	0 14	1 23	0 4	15 47	23 22	23 22	23 5	3 35	5 53
T 19	23 26	3n12	5 18	21 13	1 13	14 18	2 23	6 36	2 59	5 25	1 17	7 13	2 8	22 53	0 3	0 14	1 24	0 4	15 47	23 22	23 22	23 5	3 35	5 54
F 20	23 27	8 4	5 9	20 57	1 30	14 38	2 22	6 24	3 1	5 23	1 17	7 12	2 8	22 53	0 3	0 14	1 24	0 5	15 48	23 22	23 22	23 6	3 34	5 54
S 21	23 27	12 30	4 47	20 41	1 46	14 57	2 21	6 11	3 2	5 20	1 17	7 10	2 8	22 53	0 3	0 14	1 24	0 5	15 48	23 22	23 22	23 6	3 34	5 54
S 22	23 27	16 22	4 12	20 25	2 2	15 16	2 21	5 58	3 4	5 17	1 16	7 9	2 7	22 54	0 3	0 14	1 24	0 5	15 48	23 22	23 22	23 6	3 34	5 55
M23	23 27	19 31	3 27	20 10	2 18	15 35	2 20	5 46	3 6	5 15	1 16	7 7	2 7	22 54	0 3	0 14	1 24	0 5	15 48	23 22	23 22	23 6	3 34	5 55
T 24	23 26	21 51	2 33	19 55	2 35	15 54	2 19	5 33	3 8	5 12	1 16	7 6	2 7	22 54	0 3	0 14	1 24	0 5	15 48	23 22	23 21	23 7	3 34	5 55
W25	23 25	23 13	1 33	19 42	2 51	16 12	2 18	5 21	3 9	5 9	1 16	7 4	2 7	22 55	0 3	0 15	1 24	0 5	15 49	23 22	23 21	23 7	3 34	5 55
T 26	23 24	23 34	0 29	19 29	3 6	16 30	2 17	5 8	3 11	5 6	1 16	7 3	2 7	22 55	0 3	0 15	1 24	0 5	15 49	23 22	23 21	23 7	3 35	5 56
F 27	23 22	22 50	0s37	19 16	3 21	16 48	2 16	4 56	3 13	5 3	1 15	7 1	2 7	22 55	0 3	0 15	1 24	0 5	15 49	23 22	23 21	23 7	3 35	5 56
S 28	23 19	21 3	1 42	19 5	3 35	17 5	2 14	4 44	3 15	5 0	1 15	7 0	2 7	22 56	0 3	0 15	1 24	0 5	15 49	23 22	23 21	23 8	3 35	5 56
S 29	23 16	18 18	2 43	18 55	3 49	17 22	2 13	4 32	3 16	4 58	1 15	6 58	2 6	22 56	0 3	0 15	1 24	0 5	15 50	23 22	23 21	23 8	3 35	5 56
M30	23n13	14n43	3s37	18n46	4s 1	17n39	2s12	4s20	3s18	4n54	1n15	6n56	2n 6	22n56	0n 3	0n15	1s24	0n 5	15s50	23s22	23s21	23n 8	3s35	5n57

Julian Day Number = 2401292.5, Delta T = 8.97 sec
Ecliptic obliquity = 23°27'25, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°49'08, Lahiri = 21°56'09

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ASTRODIENST EPHEMERIS for the year 1862
geocentric

JULY 1862 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 35 10	8♋51'00	20♌45	12°R58	29♉25	27♓18	20♍39	17♍25	17♊49	3♈52	11♉ 6	25°R 7	24♐31	8♊26	6°R32	T 1
W 2	18 39 6	9°48'13	3♍28	12♋22	0♊33	27°52	20°46	17°30	17°53	3°52	11° 7	25♐ 5	24°28	8°33	6♓31	W 2
T 3	18 43 3	10°45'25	16°26	11°45	1°42	28°26	20°54	17°34	17°56	3°52	11° 8	25° 3	24°25	8°40	6°30	T 3
F 4	18 47 0	11°42'38	29°42	11° 8	2°51	28°59	21° 2	17°38	18° 0	3°52	11° 9	25° 2	24°22	8°46	6°28	F 4
S 5	18 50 56	12°39'50	13♎17	10°32	4° 0	29°32	21° 9	17°43	18° 3	3°53	11°10	25°D 2	24°19	8°53	6°27	S 5
S 6	18 54 53	13°37'01	27°11	9°57	5°10	0♈ 5	21°18	17°47	18° 6	3°53	11°10	25° 2	24°16	8°59	6°25	S 6
M 7	18 58 49	14°34'13	11♏24	9°24	6°19	0°38	21°26	17°52	18° 9	3°R53	11°11	25° 3	24°12	9° 6	6°24	M 7
T 8	19 2 46	15°31'24	25°56	8°53	7°28	1°10	21°34	17°56	18°13	3°53	11°12	25° 5	24° 9	9°13	6°22	T 8
W 9	19 6 42	16°28'36	10♐41	8°25	8°38	1°43	21°42	18° 1	18°16	3°53	11°12	25° 6	24° 6	9°19	6°21	W 9
T 10	19 10 39	17°25'48	25°34	8° 0	9°47	2°14	21°51	18° 6	18°19	3°52	11°13	25°R 6	24° 3	9°26	6°19	T 10
F 11	19 14 35	18°22'59	10♑29	7°40	10°57	2°46	21°59	18°11	18°22	3°52	11°14	25° 5	24° 0	9°33	6°18	F 11
S 12	19 18 32	19°20'11	25°18	7°24	12° 6	3°17	22° 8	18°16	18°26	3°52	11°14	25° 4	23°56	9°39	6°16	S 12
S 13	19 22 29	20°17'23	9♒52	7°12	13°16	3°48	22°17	18°21	18°29	3°52	11°15	25° 1	23°53	9°46	6°14	S 13
M14	19 26 25	21°14'36	24° 7	7° 6	14°26	4°19	22°26	18°26	18°32	3°52	11°15	24°57	23°50	9°53	6°12	M14
T 15	19 30 22	22°11'49	7♓56	7°D 4	15°36	4°49	22°35	18°31	18°35	3°52	11°16	24°54	23°47	9°59	6°10	T 15
W16	19 34 18	23° 9'02	21°20	7° 8	16°46	5°19	22°44	18°36	18°38	3°51	11°17	24°50	23°44	10° 6	6° 9	W16
T 17	19 38 15	24° 6'16	4♈19	7°18	17°56	5°49	22°53	18°42	18°41	3°51	11°17	24°47	23°41	10°13	6° 7	T 17
F 18	19 42 11	25° 3'31	16°54	7°33	19° 6	6°18	23° 3	18°47	18°44	3°51	11°18	24°46	23°37	10°19	6° 5	F 18
S 19	19 46 8	26° 0'47	29°11	7°54	20°16	6°47	23°12	18°52	18°47	3°50	11°18	24°D46	23°34	10°26	6° 3	S 19
S 20	19 50 4	26°58'04	11♉13	8°21	21°27	7°16	23°22	18°58	18°50	3°50	11°19	24°46	23°31	10°33	6° 0	S 20
M21	19 54 1	27°55'21	23° 6	8°53	22°37	7°44	23°31	19° 3	18°53	3°50	11°19	24°48	23°28	10°39	5°58	M21
T 22	19 57 58	28°52'39	4♊54	9°31	23°47	8°12	23°41	19° 9	18°56	3°49	11°19	24°50	23°25	10°46	5°56	T 22
W23	20 1 54	29°49'58	16°42	10°15	24°58	8°39	23°51	19°15	18°59	3°49	11°20	24°51	23°22	10°53	5°54	W23
T 24	20 5 51	0♌47'18	28°33	11° 4	26° 9	9° 6	24° 1	19°20	19° 2	3°48	11°20	24°R51	23°18	10°59	5°52	T 24
F 25	20 9 47	1°44'39	10♋33	11°59	27°19	9°33	24°11	19°26	19° 5	3°48	11°21	24°50	23°15	11° 6	5°49	F 25
S 26	20 13 44	2°42'00	22°42	12°59	28°30	9°59	24°21	19°32	19° 7	3°47	11°21	24°47	23°12	11°12	5°47	S 26
S 27	20 17 40	3°39'23	5♌ 3	14° 5	29°41	10°24	24°31	19°38	19°10	3°46	11°21	24°42	23° 9	11°19	5°45	S 27
M28	20 21 37	4°36'46	17°37	15°16	0♋52	10°50	24°41	19°44	19°13	3°46	11°22	24°36	23° 6	11°26	5°42	M28
T 29	20 25 33	5°34'09	0♍25	16°32	2° 3	11°14	24°51	19°50	19°16	3°45	11°22	24°29	23° 2	11°32	5°40	T 29
W30	20 29 30	6°31'34	13°26	17°53	3°14	11°39	25° 2	19°56	19°18	3°44	11°22	24°22	22°59	11°39	5°38	W30
T 31	20 33 27	7♌28'59	26♍41	19♋18	4♋25	12♈ 2	25♍12	20♍ 2	19♊21	3♈44	11♉22	24♐16	22♐56	11♊46	5♓35	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n10	10n27	4s21	18n38	4s12	17n55	2s10	4s 8	3s20	4n51	1n15	6n54	2n 6	22n57	0n 3	0n15	1s24	0n 5	15s50	23s22	23s21	23n 8	3s35	5n57
W 2	23 6	5 40	4 54	18 32	4 22	18 11	2 8	3 56	3 22	4 48	1 15	6 53	2 6	22 57	0 3	0 15	1 24	0 5	15 50	23 22	23 20	23 9	3 35	5 57
T 3	23 1	0 33	5 13	18 26	4 31	18 27	2 7	3 44	3 24	4 45	1 14	6 51	2 6	22 57	0 3	0 15	1 24	0 5	15 51	23 22	23 20	23 9	3 36	5 57
F 4	22 56	4s42	5 15	18 22	4 38	18 42	2 5	3 32	3 25	4 42	1 14	6 49	2 6	22 57	0 3	0 15	1 24	0 5	15 51	23 22	23 20	23 9	3 36	5 58
S 5	22 51	9 51	5 0	18 20	4 43	18 57	2 3	3 21	3 27	4 39	1 14	6 47	2 5	22 58	0 3	0 15	1 24	0 5	15 51	23 22	23 20	23 9	3 36	5 58
S 6	22 46	14 38	4 28	18 18	4 47	19 11	2 1	3 9	3 29	4 35	1 14	6 45	2 5	22 58	0 3	0 15	1 24	0 5	15 51	23 22	23 20	23 9	3 36	5 58
M 7	22 40	18 43	3 39	18 18	4 50	19 25	1 59	2 58	3 31	4 32	1 14	6 43	2 5	22 58	0 3	0 15	1 25	0 5	15 52	23 22	23 20	23 10	3 37	5 58
T 8	22 33	21 45	2 34	18 20	4 51	19 39	1 57	2 47	3 32	4 28	1 14	6 41	2 5	22 59	0 3	0 15	1 25	0 5	15 52	23 22	23 20	23 10	3 37	5 59
W 9	22 26	23 22	1 19	18 22	4 50	19 52	1 55	2 36	3 34	4 25	1 13	6 39	2 5	22 59	0 3	0 15	1 25	0 5	15 52	23 22	23 20	23 10	3 37	5 59
T 10	22 19	23 20	0n 3	18 26	4 47	20 4	1 53	2 25	3 36	4 21	1 13	6 37	2 5	22 59	0 3	0 15	1 25	0 5	15 53	23 22	23 19	23 10	3 38	5 59
F 11	22 12	21 39	1 24	18 31	4 43	20 16	1 51	2 14	3 38	4 18	1 13	6 35	2 5	23 0	0 3	0 15	1 25	0 4	15 53	23 22	23 19	23 10	3 38	5 59
S 12	22 4	18 29	2 39	18 37	4 38	20 28	1 49	2 3	3 39	4 14	1 13	6 33	2 4	23 0	0 3	0 15	1 25	0 4	15 53	23 22	23 19	23 10	3 39	6 0
S 13	21 55	14 13	3 42	18 45	4 32	20 39	1 46	1 52	3 41	4 11	1 13	6 31	2 4	23 0	0 3	0 14	1 25	0 4	15 53	23 22	23 19	23 11	3 39	6 0
M14	21 47	9 15	4 30	18 53	4 24	20 49	1 44	1 42	3 43	4 7	1 13	6 29	2 4	23 0	0 3	0 14	1 25	0 4	15 54	23 22	23 19	23 11	3 40	6 0
T 15	21 38	3 57	5 0	19 2	4 15	21 0	1 42	1 31	3 44	4 3	1 12	6 27	2 4	23 1	0 3	0 14	1 25	0 4	15 54	23 21	23 19	23 11	3 40	6 0
W16	21 28	1n22	5 13	19 12	4 5	21 9	1 39	1 21	3 46	4 0	1 12	6 25	2 4	23 1	0 3	0 14	1 25	0 4	15 54	23 21	23 18	23 11	3 41	6 0
T 17	21 18	6 27	5 10	19 22	3 54	21 18	1 37	1 11	3 48	3 56	1 12	6 22	2 4	23 1	0 3	0 14	1 25	0 4	15 55	23 21	23 18	23 11	3 41	6 1
F 18	21 8	11 7	4 51	19 33	3 42	21 27	1 34	1 1	3 50	3 52	1 12	6 20	2 4	23 2	0 3	0 14	1 25	0 4	15 55	23 21	23 18	23 11	3 42	6 1
S 19	20 58	15 14	4 19	19 44	3 29	21 35	1 32	0 51	3 51	3 48	1 12	6 18	2 4	23 2	0 3	0 13	1 25	0 4	15 55	23 21	23 18	23 11	3 42	6 1
S 20	20 47	18 38	3 37	19 56	3 16	21 42	1 29	0 41	3 53	3 44	1 12	6 16	2 3	23 2	0 3	0 13	1 25	0 3	15 55	23 21	23 18	23 11	3 43	6 1
M21	20 36	21 13	2 45	20 7	3 2	21 49	1 26	0 31	3 55	3 40	1 12	6 13	2 3	23 2	0 3	0 13	1 25	0 3	15 56	23 21	23 18	23 12	3 43	6 1
T 22	20 24	22 53	1 47	20 19	2 48	21 55	1 24	0 22	3 56	3 36	1 11	6 11	2 3	23 3	0 3	0 13	1 25	0 3	15 56	23 21	23 18	23 12	3 44	6 2
W23	20 12	23 32	0 44	20 30	2 34	22 1	1 21	0 13	3 58	3 32	1 11	6 9	2 3	23 3	0 3	0 13	1 25	0 3	15 56	23 21	23 17	23 12	3 45	6 2
T 24	20 0	23 7	0s20	20 41	2 19	22 6	1 18	0 4	4 0	3 28	1 11	6 6	2 3	23 3	0 3	0 12	1 25	0 3	15 57	23 21	23 17	23 12	3 45	6 2
F 25	19 47	21 38	1 25	20 51	2 4	22 11	1 15	0n 5	4 1	3 24	1 11	6 4	2 3	23 3	0 3	0 12	1 25	0 3	15 57	23 21	23 17	23 12	3 46	6 2
S 26	19 34	19 9	2 26	21 0	1 49	22 15	1 12	0 14	4 3	3 20	1 11	6 2	2 3	23 4	0 3	0 12	1 26	0 2	15 57	23 21	23 17	23 12	3 47	6 2
S 27	19 21	15 46	3 21	21 9	1 34	22 18	1 9	0 22	4 5	3 16	1 11	5 59	2 3	23 4	0 3	0 12	1 26	0 2	15 58	23 21	23 17	23 12	3 47	6 2
M28	19 7	11 38	4 8	21 16	1 20	22 21	1 7	0 31	4 6	3 12	1 11	5 57	2 3	23 4	0 3	0 11	1 26	0 2	15 58	23 21	23 17	23 12	3 48	6 2
T 29	18 54	6 55	4 43	21 22	1 5	22 23	1 4	0 39	4 8	3 7	1 10	5 54	2 2	23 4	0 3	0 11	1 26	0 2	15 58	23 21	23 16	23 12	3 49	6 3
W30	18 39	1 50	5 4	21 26	0 50	22 24	1 1	0 47	4 9	3 3	1 10	5 52	2 2	23 4	0 3	0 11	1 26	0 2	15 58	23 20	23 16	23 12	3 50	6 3
T 31	18n25	3s24	5s 9	21n28	0s36	22n25	0s58	0n55	4s11	2n59	1n10	5n49	2n 2	23n 5	0n 3	0n10	1s26	0n 1	15s59	23s20	23s16	23n12	3s50	6n 3

Julian Day Number = 2401322.5, Delta T = 8.96 sec
Ecliptic obliquity = 23°27'25, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°49'12, Lahiri = 21°56'13

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ASTRODIENST EPHEMERIS for the year 1862
geocentric

AUGUST 1862 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 37 23	8♌26'25	10♎ 8	20♋49	5♋36	12♈26	25♍23	20♍ 8	19♊24	3°R43	11♉23	24°R11	22♐53	11♊52	5°R32	F 1
S 2	20 41 20	9°23'51	23°48	22°24	6°47	12°48	25°34	20°15	19°26	3♈42	11°23	24♐ 8	22°50	11°59	5♓30	S 2
S 3	20 45 16	10°21'18	7♏40	24° 3	7°58	13°11	25°44	20°21	19°29	3°41	11°23	24°D 7	22°47	12° 6	5°27	S 3
M 4	20 49 13	11°18'46	21°44	25°45	9°10	13°32	25°55	20°27	19°31	3°40	11°23	24° 7	22°43	12°12	5°25	M 4
T 5	20 53 9	12°16'14	5♐59	27°32	10°21	13°54	26° 6	20°33	19°34	3°40	11°23	24° 9	22°40	12°19	5°22	T 5
W 6	20 57 6	13°13'44	20°23	29°21	11°33	14°14	26°17	20°40	19°36	3°39	11°23	24°R 9	22°37	12°26	5°19	W 6
T 7	21 1 2	14°11'14	4♑53	1♌14	12°44	14°34	26°28	20°46	19°39	3°38	11°24	24° 9	22°34	12°32	5°17	T 7
F 8	21 4 59	15° 8'45	19°26	3° 9	13°56	14°54	26°39	20°53	19°41	3°37	11°24	24° 7	22°31	12°39	5°14	F 8
S 9	21 8 56	16° 6'17	3♒54	5° 6	15° 8	15°13	26°50	20°59	19°43	3°36	11°24	24° 2	22°28	12°46	5°11	S 9
S 10	21 12 52	17° 3'50	18°14	7° 5	16°19	15°31	27° 1	21° 6	19°45	3°35	11°24	23°55	22°24	12°52	5° 9	S 10
M11	21 16 49	18° 1'24	2♓18	9° 5	17°31	15°49	27°13	21°13	19°48	3°34	11°R24	23°47	22°21	12°59	5° 6	M11
T 12	21 20 45	18°58'59	16° 3	11° 6	18°43	16° 6	27°24	21°19	19°50	3°33	11°24	23°38	22°18	13° 5	5° 3	T 12
W13	21 24 42	19°56'36	29°24	13° 8	19°55	16°22	27°35	21°26	19°52	3°32	11°24	23°29	22°15	13°12	5° 0	W13
T 14	21 28 38	20°54'14	12♈23	15°10	21° 7	16°38	27°47	21°33	19°54	3°31	11°24	23°22	22°12	13°19	4°57	T 14
F 15	21 32 35	21°51'53	24°59	17°12	22°19	16°53	27°58	21°40	19°56	3°29	11°24	23°16	22° 8	13°25	4°54	F 15
S 16	21 36 31	22°49'35	7♉17	19°14	23°31	17° 8	28°10	21°46	19°58	3°28	11°23	23°13	22° 5	13°32	4°52	S 16
S 17	21 40 28	23°47'17	19°19	21°16	24°43	17°21	28°22	21°53	20° 0	3°27	11°23	23°D12	22° 2	13°39	4°49	S 17
M18	21 44 25	24°45'02	1♊12	23°17	25°55	17°34	28°33	22° 0	20° 2	3°26	11°23	23°12	21°59	13°45	4°46	M18
T 19	21 48 21	25°42'48	13° 0	25°17	27° 8	17°47	28°45	22° 7	20° 4	3°25	11°23	23°12	21°56	13°52	4°43	T 19
W20	21 52 18	26°40'36	24°50	27°17	28°20	17°58	28°57	22°14	20° 6	3°23	11°23	23°R13	21°53	13°59	4°40	W20
T 21	21 56 14	27°38'25	6♋45	29°15	29°33	18° 9	29° 9	22°21	20° 8	3°22	11°23	23°12	21°49	14° 5	4°37	T 21
F 22	22 0 11	28°36'16	18°50	1♍13	0♌45	18°19	29°21	22°28	20°10	3°21	11°23	23° 9	21°46	14°12	4°34	F 22
S 23	22 4 7	29°34'09	1♌ 9	3° 9	1°58	18°28	29°33	22°35	20°12	3°20	11°22	23° 3	21°43	14°19	4°31	S 23
S 24	22 8 4	0♍32'03	13°45	5° 4	3°10	18°36	29°45	22°42	20°13	3°18	11°22	22°55	21°40	14°25	4°28	S 24
M25	22 12 0	1°29'59	26°37	6°58	4°23	18°44	29°57	22°49	20°15	3°17	11°22	22°45	21°37	14°32	4°25	M25
T 26	22 15 57	2°27'57	9♍47	8°51	5°36	18°51	0♎ 9	22°57	20°16	3°16	11°21	22°34	21°34	14°39	4°22	T 26
W27	22 19 54	3°25'55	23°12	10°42	6°48	18°57	0°21	23° 4	20°18	3°14	11°21	22°22	21°30	14°45	4°19	W27
T 28	22 23 50	4°23'56	6♎50	12°32	8° 1	19° 2	0°33	23°11	20°20	3°13	11°21	22°12	21°27	14°52	4°16	T 28
F 29	22 27 47	5°21'58	20°38	14°21	9°14	19° 6	0°46	23°18	20°21	3°11	11°20	22° 3	21°24	14°58	4°13	F 29
S 30	22 31 43	6°20'01	4♏33	16° 8	10°27	19° 9	0°58	23°25	20°22	3°10	11°20	21°57	21°21	15° 5	4°11	S 30
S 31	22 35 40	7♍18'06	18♏34	17♍54	11♌40	19♈12	1♎10	23♍33	20♊24	3♈ 8	11♉20	21♐54	21♐18	15♊12	4♓ 8	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	18n10	8s34	4s57	21n29	0s22	22n26	0s55	1n 2	4s12	2n55	1n10	5n47	2n 2	23n 5	0n 3	0n10	1s26	0n 1	15s59	23s20	23s16	23n12	3s51	6n 3	F 1
S 2	17 55	13 24	4 29	21 27	0 9	22 25	0 52	1 10	4 14	2 50	1 10	5 44	2 2	23 5	0 3	0 10	1 26	0 1	15 59	23 20	23 16	23 12	3 52	6 3	S 2
S 3	17 39	17 37	3 45	21 23	0n 4	22 24	0 49	1 17	4 16	2 46	1 10	5 42	2 2	23 5	0 3	0 9	1 26	0 1	16 0	23 20	23 16	23 12	3 53	6 3	S 3
M 4	17 24	20 53	2 46	21 16	0 16	22 23	0 46	1 24	4 17	2 41	1 10	5 39	2 2	23 6	0 3	0 9	1 26	0 0	16 0	23 20	23 15	23 12	3 54	6 3	M 4
T 5	17 8	22 54	1 37	21 7	0 28	22 20	0 43	1 31	4 18	2 37	1 10	5 37	2 2	23 6	0 3	0 8	1 26	0 0	16 0	23 20	23 15	23 12	3 55	6 3	T 5
W 6	16 52	23 27	0 20	20 56	0 39	22 18	0 40	1 37	4 20	2 33	1 9	5 34	2 2	23 6	0 3	0 8	1 26	0s 0	16 1	23 20	23 15	23 12	3 55	6 3	W 6
T 7	16 35	22 24	0n58	20 42	0 49	22 14	0 37	1 44	4 21	2 28	1 9	5 31	2 2	23 6	0 3	0 8	1 26	0 0	16 1	23 20	23 15	23 12	3 56	6 4	T 7
F 8	16 18	19 52	2 12	20 25	0 58	22 10	0 34	1 50	4 23	2 24	1 9	5 29	2 2	23 6	0 3	0 7	1 26	0 1	16 1	23 20	23 15	23 12	3 57	6 4	F 8
S 9	16 1	16 6	3 17	20 5	1 7	22 5	0 31	1 56	4 24	2 19	1 9	5 26	2 2	23 7	0 3	0 7	1 26	0 1	16 2	23 19	23 15	23 12	3 58	6 4	S 9
S 10	15 44	11 25	4 9	19 43	1 14	22 0	0 28	2 2	4 25	2 14	1 9	5 23	2 1	23 7	0 3	0 6	1 26	0 1	16 2	23 19	23 14	23 12	3 59	6 4	S 10
M11	15 26	6 14	4 45	19 18	1 21	21 54	0 25	2 7	4 27	2 10	1 9	5 21	2 1	23 7	0 3	0 6	1 26	0 1	16 2	23 19	23 14	23 12	4 0	6 4	M11
T 12	15 9	0 51	5 3	18 51	1 27	21 47	0 22	2 13	4 28	2 5	1 9	5 18	2 1	23 7	0 3	0 5	1 26	0 2	16 2	23 18	23 14	23 12	4 1	6 4	T 12
W13	14 51	4n25	5 4	18 22	1 32	21 40	0 19	2 18	4 29	2 1	1 9	5 15	2 1	23 7	0 3	0 5	1 26	0 2	16 3	23 18	23 14	23 12	4 2	6 4	W13
T 14	14 32	9 20	4 49	17 50	1 37	21 32	0 16	2 23	4 31	1 56	1 9	5 13	2 1	23 7	0 3	0 5	1 26	0 2	16 3	23 17	23 14	23 12	4 3	6 4	T 14
F 15	14 14	13 43	4 21	17 17	1 40	21 24	0 13	2 27	4 32	1 51	1 9	5 10	2 1	23 8	0 3	0 4	1 26	0 3	16 3	23 17	23 13	23 12	4 4	6 4	F 15
S 16	13 55	17 25	3 40	16 41	1 43	21 15	0 10	2 32	4 33	1 47	1 8	5 7	2 1	23 8	0 3	0 4	1 26	0 3	16 4	23 17	23 13	23 12	4 5	6 4	S 16
S 17	13 36	20 19	2 51	16 4	1 44	21 5	0 7	2 36	4 34	1 42	1 8	5 4	2 1	23 8	0 3	0 3	1 26	0 3	16 4	23 17	23 13	23 12	4 6	6 4	S 17
M18	13 17	22 18	1 55	15 26	1 46	20 55	0 4	2 40	4 35	1 37	1 8	5 2	2 1	23 8	0 3	0 3	1 27	0 4	16 4	23 17	23 13	23 12	4 7	6 4	M18
T 19	12 57	23 16	0 54	14 46	1 46	20 44	0 1	2 43	4 36	1 32	1 8	4 59	2 1	23 8	0 3	0 2	1 27	0 4	16 5	23 17	23 13	23 12	4 8	6 4	T 19
W20	12 38	23 13	0s 9	14 5	1 46	20 32	0n 2	2 47	4 37	1 28	1 8	4 56	2 1	23 8	0 3	0 1	1 27	0 4	16 5	23 17	23 12	23 12	4 9	6 4	W20
T 21	12 18	22 6	1 12	13 22	1 45	20 20	0 5	2 50	4 38	1 23	1 8	4 53	2 1	23 9	0 3	0 1	1 27	0 5	16 5	23 17	23 12	23 12	4 10	6 4	T 21
F 22	11 58	19 57	2 12	12 39	1 43	20 8	0 8	2 53	4 39	1 18	1 8	4 50	2 1	23 9	0 3	0 0	1 27	0 5	16 6	23 17	23 12	23 12	4 11	6 4	F 22
S 23	11 38	16 52	3 8	11 55	1 41	19 55	0 11	2 56	4 40	1 13	1 8	4 48	2 1	23 9	0 3	0s 0	1 27	0 5	16 6	23 16	23 12	23 12	4 12	6 4	S 23
S 24	11 18	12 57	3 55	11 11	1 38	19 41	0 13	2 58	4 41	1 8	1 8	4 45	2 1	23 9	0 3	0 1	1 27	0 6	16 6	23 16	23 12	23 12	4 13	6 4	S 24
M25	10 57	8 23	4 32	10 26	1 35	19 26	0 16	3 0	4 41	1 3	1 8	4 42	2 1	23 9	0 3	0 1	1 27	0 6	16 6	23 16	23 11	23 11	4 14	6 4	M25
T 26	10 36	3 21	4 55	9 40	1 32	19 11	0 19	3 2	4 42	0 58	1 8	4 39	2 1	23 9	0 3	0 2	1 27	0 6	16 7	23 15	23 11	23 11	4 16	6 4	T 26
W27	10 15	1s55	5 2	8 55	1 27	18 56	0 22	3 4	4 43	0 54	1 8	4 36	2 1	23 9	0 3	0 2	1 27	0 7	16 7	23 14	23 11	23 11	4 17	6 4	W27
T 28	9 54	7 11	4 52	8 8	1 23	18 40	0 24	3 5	4 43	0 49	1 8	4 33	2 1	23 9	0 3	0 3	1 27	0 7	16 7	23 14	23 11	23 11	4 18	6 4	T 28
F 29	9 33	12 10	4 26	7 22	1 18	18 23	0 27	3 6	4 44	0 44	1 7	4 30	2 1	23 10	0 3	0 4	1 27	0 8	16 8	23 13	23 11	23 11	4 19	6 4	F 29
S 30	9 12	16 33	3 43	6 36	1 13	18 6	0 29	3 7	4 44	0 39	1 7	4 28	2 1	23 10	0 3	0 4	1 27	0 8	16 8	23 13	23 10	23 11	4 20	6 4	S 30
S 31	8n50	20s 2	2s47	5n49	1n 8	17n49	0n32	3n 8	4s44	0n34	1n 7	4n25	2n 1	23n10	0n 3	0s 5	1s27	0s 8	16s 8	23s13	23s10	23n11	4s21	6n 4	S 31

Julian Day Number = 2401353.5, Delta T = 8.96 sec
Ecliptic obliquity = 23°27'25, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°49'17, Lahiri = 21°56'17

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1862
geocentric

SEPTEMBER 1862 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 39 36	8♍16'12	2♐38	19♍39	12♌53	19♈14	1♎23	23♍40	20♊25	3°R 7	11°R19	21°R53	21♐14	15♊18	4°R 5	M 1
T 2	22 43 33	9°14'19	16°45	21°23	14° 6	19°R14	1°35	23°47	20°26	3♈ 6	11♉19	21♐53	21°11	15°25	4♓ 2	T 2
W 3	22 47 29	10°12'28	0♑54	23° 5	15°19	19°14	1°48	23°55	20°28	3° 4	11°18	21°53	21° 8	15°32	3°59	W 3
T 4	22 51 26	11°10'39	15° 3	24°47	16°33	19°14	2° 0	24° 2	20°29	3° 3	11°18	21°51	21° 5	15°38	3°56	T 4
F 5	22 55 23	12° 8'50	29°10	26°27	17°46	19°12	2°13	24° 9	20°30	3° 1	11°17	21°47	21° 2	15°45	3°53	F 5
S 6	22 59 19	13° 7'04	13♒14	28° 6	18°59	19° 9	2°25	24°17	20°31	3° 0	11°17	21°41	20°59	15°52	3°50	S 6
S 7	23 3 16	14° 5'18	27° 9	29°43	20°13	19° 6	2°38	24°24	20°32	2°58	11°16	21°31	20°55	15°58	3°47	S 7
M 8	23 7 12	15° 3'35	10♓53	1♎20	21°26	19° 2	2°50	24°31	20°33	2°56	11°16	21°20	20°52	16° 5	3°44	M 8
T 9	23 11 9	16° 1'53	24°22	2°55	22°40	18°56	3° 3	24°39	20°34	2°55	11°15	21° 7	20°49	16°12	3°41	T 9
W10	23 15 5	17° 0'13	7♈32	4°30	23°53	18°50	3°16	24°46	20°35	2°53	11°15	20°55	20°46	16°18	3°39	W10
T 11	23 19 2	17°58'35	20°23	6° 3	25° 7	18°44	3°28	24°54	20°36	2°52	11°14	20°44	20°43	16°25	3°36	T 11
F 12	23 22 58	18°57'00	2♉55	7°35	26°20	18°36	3°41	25° 1	20°36	2°50	11°14	20°35	20°39	16°31	3°33	F 12
S 13	23 26 55	19°55'26	15°11	9° 6	27°34	18°28	3°54	25° 9	20°37	2°48	11°13	20°29	20°36	16°38	3°30	S 13
S 14	23 30 51	20°53'54	27°12	10°36	28°48	18°18	4° 7	25°16	20°38	2°47	11°12	20°26	20°33	16°45	3°27	S 14
M15	23 34 48	21°52'25	9♊ 4	12° 4	0♍ 1	18° 8	4°19	25°24	20°38	2°45	11°12	20°24	20°30	16°51	3°25	M15
T 16	23 38 45	22°50'57	20°53	13°32	1°15	17°57	4°32	25°31	20°39	2°44	11°11	20°24	20°27	16°58	3°22	T 16
W17	23 42 41	23°49'32	2♋42	14°59	2°29	17°46	4°45	25°38	20°40	2°42	11°10	20°24	20°24	17° 5	3°19	W17
T 18	23 46 38	24°48'09	14°38	16°24	3°43	17°34	4°58	25°46	20°40	2°40	11° 9	20°23	20°20	17°11	3°16	T 18
F 19	23 50 34	25°46'49	26°47	17°48	4°57	17°21	5°11	25°53	20°40	2°39	11° 9	20°20	20°17	17°18	3°14	F 19
S 20	23 54 31	26°45'30	9♌12	19°11	6°11	17° 7	5°24	26° 1	20°41	2°37	11° 8	20°14	20°14	17°25	3°11	S 20
S 21	23 58 27	27°44'14	21°56	20°33	7°25	16°53	5°37	26° 8	20°41	2°35	11° 7	20° 6	20°11	17°31	3° 8	S 21
M22	0 2 24	28°42'59	5♍ 3	21°53	8°39	16°38	5°50	26°16	20°41	2°34	11° 6	19°55	20° 8	17°38	3° 6	M22
T 23	0 6 20	29°41'47	18°31	23°13	9°53	16°22	6° 3	26°23	20°42	2°32	11° 6	19°43	20° 5	17°45	3° 3	T 23
W24	0 10 17	0♎40'37	2♎19	24°31	11° 7	16° 6	6°16	26°31	20°42	2°30	11° 5	19°31	20° 1	17°51	3° 1	W24
T 25	0 14 14	1°39'28	16°23	25°47	12°22	15°50	6°28	26°38	20°42	2°29	11° 4	19°20	19°58	17°58	2°58	T 25
F 26	0 18 10	2°38'22	0♏37	27° 2	13°36	15°33	6°41	26°46	20°R42	2°27	11° 3	19°11	19°55	18° 4	2°56	F 26
S 27	0 22 7	3°37'18	14°56	28°16	14°50	15°15	6°54	26°53	20°42	2°25	11° 2	19° 4	19°52	18°11	2°53	S 27
S 28	0 26 3	4°36'15	29°16	29°27	16° 4	14°58	7° 7	27° 0	20°42	2°24	11° 1	19° 1	19°49	18°18	2°51	S 28
M29	0 30 0	5°35'15	13♐33	0♏37	17°19	14°40	7°20	27° 8	20°42	2°22	11° 1	18°D59	19°45	18°24	2°49	M29
T 30	0 33 56	6♎34'16	27♐44	1♏46	18♍33	14♈22	7♎33	27♍15	20♊42	2♈20	11♉ 0	19♐ 0	19♐42	18♊31	2♓46	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n28	22s20	1s40	5n 3	1n 2	17n31	0n35	3n 8	4s45	0n29	1n 7	4n22	2n 1	23n10	0n 3	0s 5	1s27	0s 9	16s 8	23s12	23s10	23n11	4s22	6n 4
T 2	8 7	23 15	0 27	4 17	0 56	17 12	0 37	3 9	4 45	0 24	1 7	4 19	2 1	23 10	0 3	0 6	1 27	0 9	16 9	23 12	23 10	23 10	4 23	6 3
W 3	7 45	22 40	0n48	3 30	0 50	16 53	0 39	3 8	4 45	0 19	1 7	4 16	2 1	23 10	0 3	0 7	1 27	0 10	16 9	23 12	23 10	23 10	4 25	6 3
T 4	7 23	20 38	1 59	2 44	0 43	16 33	0 42	3 8	4 45	0 14	1 7	4 13	2 1	23 10	0 3	0 7	1 27	0 10	16 9	23 12	23 9	23 10	4 26	6 3
F 5	7 1	17 21	3 4	1 58	0 36	16 13	0 44	3 8	4 45	0 9	1 7	4 10	2 1	23 10	0 3	0 8	1 27	0 10	16 9	23 12	23 9	23 10	4 27	6 3
S 6	6 38	13 5	3 56	1 13	0 30	15 53	0 46	3 7	4 45	0 4	1 7	4 7	2 1	23 10	0 3	0 9	1 27	0 11	16 10	23 12	23 9	23 10	4 28	6 3
S 7	6 16	8 10	4 34	0 27	0 23	15 32	0 49	3 6	4 44	0s 1	1 7	4 4	2 1	23 11	0 3	0 9	1 27	0 11	16 10	23 11	23 9	23 10	4 29	6 3
M 8	5 53	2 56	4 56	0s18	0 15	15 10	0 51	3 5	4 44	0 6	1 7	4 1	2 1	23 11	0 3	0 10	1 27	0 12	16 10	23 10	23 9	23 9	4 30	6 3
T 9	5 31	2n21	5 0	1 2	0 8	14 48	0 53	3 3	4 43	0 11	1 7	3 58	2 1	23 11	0 3	0 10	1 27	0 12	16 11	23 10	23 8	23 9	4 31	6 3
W10	5 8	7 24	4 48	1 47	0 1	14 26	0 55	3 1	4 43	0 17	1 7	3 55	2 1	23 11	0 3	0 11	1 27	0 12	16 11	23 9	23 8	23 9	4 33	6 2
T 11	4 45	12 1	4 22	2 31	0s 7	14 4	0 57	2 59	4 42	0 22	1 7	3 53	2 1	23 11	0 3	0 12	1 27	0 13	16 11	23 8	23 8	23 9	4 34	6 2
F 12	4 23	15 59	3 43	3 14	0 15	13 40	0 59	2 57	4 41	0 27	1 7	3 50	2 1	23 11	0 3	0 12	1 27	0 13	16 11	23 7	23 8	23 9	4 35	6 2
S 13	4 0	19 11	2 55	3 57	0 22	13 17	1 1	2 55	4 40	0 32	1 7	3 47	2 1	23 11	0 3	0 13	1 27	0 14	16 12	23 7	23 7	23 8	4 36	6 2
S 14	3 37	21 29	2 0	4 39	0 30	12 53	1 3	2 52	4 39	0 37	1 7	3 44	2 1	23 11	0 3	0 14	1 27	0 14	16 12	23 7	23 7	23 8	4 37	6 2
M15	3 14	22 49	1 0	5 21	0 38	12 29	1 5	2 50	4 38	0 42	1 7	3 41	2 1	23 11	0 3	0 14	1 27	0 14	16 12	23 7	23 7	23 8	4 38	6 2
T 16	2 50	23 6	0s 3	6 3	0 46	12 4	1 7	2 47	4 37	0 47	1 7	3 38	2 1	23 11	0 4	0 15	1 27	0 15	16 12	23 7	23 7	23 8	4 39	6 1
W17	2 27	22 21	1 5	6 43	0 53	11 39	1 8	2 44	4 35	0 52	1 7	3 35	2 1	23 11	0 4	0 16	1 27	0 15	16 12	23 7	23 7	23 8	4 41	6 1
T 18	2 4	20 35	2 5	7 24	1 1	11 14	1 10	2 41	4 34	0 57	1 7	3 32	2 1	23 11	0 4	0 16	1 27	0 16	16 13	23 6	23 6	23 7	4 42	6 1
F 19	1 41	17 52	3 0	8 3	1 9	10 49	1 11	2 37	4 32	1 2	1 7	3 29	2 1	23 11	0 4	0 17	1 27	0 16	16 13	23 6	23 6	23 7	4 43	6 1
S 20	1 17	14 18	3 48	8 42	1 17	10 23	1 13	2 34	4 31	1 8	1 7	3 26	2 1	23 11	0 4	0 18	1 27	0 17	16 13	23 6	23 6	23 7	4 44	6 1
S 21	0 54	10 0	4 26	9 20	1 24	9 57	1 14	2 30	4 29	1 13	1 7	3 23	2 1	23 11	0 4	0 18	1 27	0 17	16 13	23 5	23 6	23 7	4 45	6 0
M22	0 31	5 9	4 51	9 58	1 32	9 30	1 16	2 26	4 27	1 18	1 7	3 20	2 1	23 11	0 4	0 19	1 27	0 17	16 14	23 4	23 5	23 6	4 46	6 0
T 23	0 7	0s 4	5 1	10 34	1 40	9 3	1 17	2 22	4 24	1 23	1 7	3 17	2 1	23 11	0 4	0 20	1 27	0 18	16 14	23 4	23 5	23 6	4 47	6 0
W24	0s16	5 25	4 54	11 10	1 47	8 36	1 18	2 18	4 22	1 28	1 7	3 14	2 1	23 11	0 4	0 20	1 27	0 18	16 14	23 3	23 5	23 6	4 48	6 0
T 25	0 40	10 34	4 29	11 45	1 55	8 9	1 20	2 14	4 20	1 33	1 7	3 11	2 1	23 11	0 4	0 21	1 27	0 19	16 14	23 2	23 5	23 5	4 50	6 0
F 26	1 3	15 14	3 47	12 19	2 2	7 42	1 21	2 10	4 17	1 38	1 7	3 9	2 1	23 11	0 4	0 22	1 27	0 19	16 14	23 1	23 4	23 5	4 51	5 59
S 27	1 26	19 2	2 50	12 52	2 9	7 14	1 22	2 6	4 14	1 44	1 6	3 6	2 1	23 11	0 4	0 22	1 27	0 19	16 15	23 0	23 4	23 5	4 52	5 59
S 28	1 50	21 41	1 43	13 24	2 16	6 46	1 23	2 2	4 11	1 49	1 6	3 3	2 1	23 11	0 4	0 23	1 27	0 20	16 15	23 0	23 4	23 5	4 53	5 59
M29	2 13	22 55	0 29	13 56	2 23	6 18	1 24	1 58	4 8	1 54	1 6	3 0	2 1	23 11	0 4	0 24	1 27	0 20	16 15	23 0	23 4	23 4	4 54	5 59
T 30	2s37	22s40	0n46	14s26	2s29	5n50	1n25	1n54	4s 5	1s59	1n 6	2n57	2n 1	23n11	0n 4	0s24	1s27	0s21	16s15	23s 0	23s 3	23n 4	4s55	5n58

Julian Day Number = 2401384.5, Delta T = 8.96 sec
Ecliptic obliquity = 23°27'25, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°49'21, Lahiri = 21°56'21

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ASTRODIENST EPHEMERIS for the year 1862
geocentric

OCTOBER 1862 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 37 53	7♎33'19	11♉49	2♏52	19♍48	14°R 3	7♎46	27♍23	20°R41	2°R19	10°R59	19°R 0	19♐39	18♊38	2°R44	W 1
T 2	0 41 49	8°32'23	25°46	3°56	21° 2	13♈45	7°59	27°30	20♊41	2♈17	10♉58	18♐58	19°36	18°44	2♓42	T 2
F 3	0 45 46	9°31'29	9♒34	4°57	22°17	13°26	8°12	27°37	20°41	2°15	10°57	18°55	19°33	18°51	2°40	F 3
S 4	0 49 43	10°30'37	23°15	5°57	23°31	13° 8	8°25	27°45	20°40	2°14	10°56	18°49	19°30	18°58	2°38	S 4
S 5	0 53 39	11°29'47	6♓45	6°53	24°46	12°49	8°38	27°52	20°40	2°12	10°55	18°41	19°26	19° 4	2°35	S 5
M 6	0 57 36	12°28'58	20° 4	7°46	26° 0	12°31	8°51	28° 0	20°40	2°10	10°54	18°30	19°23	19°11	2°33	M 6
T 7	1 1 32	13°28'12	3♈11	8°37	27°15	12°12	9° 4	28° 7	20°39	2° 9	10°53	18°19	19°20	19°18	2°31	T 7
W 8	1 5 29	14°27'27	16° 3	9°23	28°30	11°54	9°17	28°14	20°38	2° 7	10°52	18° 7	19°17	19°24	2°29	W 8
T 9	1 9 25	15°26'45	28°40	10° 6	29°44	11°36	9°30	28°21	20°38	2° 6	10°51	17°57	19°14	19°31	2°27	T 9
F 10	1 13 22	16°26'04	11♉ 3	10°44	0♎59	11°18	9°43	28°29	20°37	2° 4	10°50	17°49	19°11	19°37	2°26	F 10
S 11	1 17 18	17°25'26	23°12	11°18	2°14	11° 0	9°56	28°36	20°36	2° 2	10°49	17°44	19° 7	19°44	2°24	S 11
S 12	1 21 15	18°24'50	5♊10	11°46	3°29	10°43	10° 9	28°43	20°36	2° 1	10°48	17°41	19° 4	19°51	2°22	S 12
M13	1 25 12	19°24'17	17° 0	12° 9	4°43	10°26	10°22	28°50	20°35	1°59	10°47	17°D40	19° 1	19°57	2°20	M13
T 14	1 29 8	20°23'45	28°47	12°26	5°58	10°10	10°35	28°57	20°34	1°58	10°46	17°40	18°58	20° 4	2°19	T 14
W15	1 33 5	21°23'16	10♋36	12°37	7°13	9°54	10°48	29° 4	20°33	1°56	10°45	17°41	18°55	20°11	2°17	W15
T 16	1 37 1	22°22'49	22°31	12°R40	8°28	9°38	11° 1	29°12	20°32	1°55	10°44	17°R42	18°51	20°17	2°15	T 16
F 17	1 40 58	23°22'25	4♌39	12°35	9°43	9°23	11°14	29°19	20°31	1°53	10°43	17°41	18°48	20°24	2°14	F 17
S 18	1 44 54	24°22'03	17° 3	12°22	10°58	9° 9	11°26	29°26	20°30	1°51	10°42	17°38	18°45	20°31	2°12	S 18
S 19	1 48 51	25°21'43	29°50	12° 1	12°13	8°55	11°39	29°33	20°29	1°50	10°41	17°34	18°42	20°37	2°11	S 19
M20	1 52 47	26°21'25	13♍ 1	11°31	13°28	8°42	11°52	29°40	20°28	1°48	10°40	17°27	18°39	20°44	2° 9	M20
T 21	1 56 44	27°21'09	26°38	10°52	14°43	8°29	12° 5	29°47	20°27	1°47	10°39	17°19	18°36	20°51	2° 8	T 21
W22	2 0 40	28°20'55	10♎40	10° 4	15°58	8°17	12°18	29°53	20°25	1°46	10°37	17°10	18°32	20°57	2° 7	W22
T 23	2 4 37	29°20'44	25° 2	9° 9	17°13	8° 6	12°30	0♎ 0	20°24	1°44	10°36	17° 3	18°29	21° 4	2° 6	T 23
F 24	2 8 34	0♏20'35	9♏40	8° 5	18°28	7°56	12°43	0° 7	20°23	1°43	10°35	16°56	18°26	21°11	2° 4	F 24
S 25	2 12 30	1°20'27	24°25	6°56	19°43	7°46	12°56	0°14	20°21	1°41	10°34	16°52	18°23	21°17	2° 3	S 25
S 26	2 16 27	2°20'22	9♐11	5°42	20°58	7°37	13° 8	0°21	20°20	1°40	10°33	16°50	18°20	21°24	2° 2	S 26
M27	2 20 23	3°20'18	23°50	4°25	22°14	7°29	13°21	0°27	20°18	1°39	10°32	16°D50	18°16	21°30	2° 1	M27
T 28	2 24 20	4°20'16	8♑18	3° 9	23°29	7°22	13°33	0°34	20°17	1°37	10°31	16°51	18°13	21°37	2° 0	T 28
W29	2 28 16	5°20'15	22°31	1°54	24°44	7°15	13°46	0°41	20°15	1°36	10°30	16°53	18°10	21°44	1°59	W29
T 30	2 32 13	6°20'16	6♒29	0°43	25°59	7° 9	13°59	0°47	20°14	1°35	10°29	16°R53	18° 7	21°50	1°59	T 30
F 31	2 36 10	7♏20'19	20♒10	29♎40	27♎14	7♈ 5	14♎11	0♎54	20♊12	1♈33	10♉27	16♐52	18♐ 4	21♊57	1♓58	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s 0	20s58	1n58	14s55	2s36	5n21	1n25	1n50	4s 2	2s 4	1n 7	2n54	2n 2	23n11	0n 4	0s25	1s27	0s21	16s15	23s 0	23s 3	23n 4	4s56	5n58
T 2	3 23	18 1	3 2	15 22	2 42	4 52	1 26	1 45	3 59	2 9	1 7	2 51	2 2	23 11	0 4	0 26	1 27	0 22	16 15	23 0	23 3	23 3	4 57	5 58
F 3	3 47	14 5	3 55	15 49	2 48	4 24	1 27	1 41	3 55	2 14	1 7	2 48	2 2	23 11	0 4	0 26	1 27	0 22	16 16	23 0	23 3	23 3	4 58	5 57
S 4	4 10	9 28	4 34	16 14	2 53	3 55	1 27	1 38	3 52	2 19	1 7	2 46	2 2	23 11	0 4	0 27	1 27	0 22	16 16	22 59	23 2	23 3	4 59	5 57
S 5	4 33	4 27	4 56	16 37	2 58	3 26	1 28	1 34	3 48	2 25	1 7	2 43	2 2	23 11	0 4	0 28	1 27	0 23	16 16	22 58	23 2	23 2	5 0	5 57
M 6	4 56	0n42	5 3	16 59	3 3	2 56	1 28	1 30	3 45	2 30	1 7	2 40	2 2	23 11	0 4	0 28	1 27	0 23	16 16	22 58	23 2	23 2	5 1	5 57
T 7	5 19	5 45	4 53	17 20	3 7	2 27	1 29	1 26	3 41	2 35	1 7	2 37	2 2	23 11	0 4	0 29	1 27	0 24	16 16	22 57	23 2	23 2	5 2	5 56
W 8	5 42	10 26	4 28	17 38	3 11	1 58	1 29	1 23	3 37	2 40	1 7	2 34	2 2	23 11	0 4	0 30	1 27	0 24	16 16	22 56	23 1	23 1	5 3	5 56
T 9	6 5	14 36	3 51	17 55	3 14	1 28	1 29	1 19	3 33	2 45	1 7	2 31	2 2	23 11	0 4	0 30	1 27	0 25	16 16	22 55	23 1	23 1	5 4	5 56
F 10	6 28	18 3	3 3	18 10	3 16	0 58	1 29	1 16	3 29	2 50	1 7	2 29	2 2	23 11	0 4	0 31	1 27	0 25	16 17	22 54	23 1	23 1	5 5	5 55
S 11	6 51	20 38	2 7	18 22	3 18	0 29	1 29	1 13	3 25	2 55	1 7	2 26	2 2	23 11	0 4	0 32	1 27	0 25	16 17	22 53	23 1	23 0	5 6	5 55
S 12	7 13	22 16	1 7	18 32	3 19	0s 1	1 29	1 10	3 21	3 0	1 7	2 23	2 3	23 11	0 4	0 32	1 27	0 26	16 17	22 53	23 0	23 0	5 7	5 55
M13	7 36	22 53	0 4	18 39	3 19	0 31	1 29	1 7	3 16	3 5	1 7	2 20	2 3	23 11	0 4	0 33	1 27	0 26	16 17	22 53	23 0	23 0	5 8	5 54
T 14	7 58	22 28	0s59	18 43	3 18	1 0	1 29	1 5	3 12	3 10	1 7	2 18	2 3	23 11	0 4	0 33	1 27	0 27	16 17	22 53	23 0	22 59	5 9	5 54
W15	8 21	21 2	2 0	18 45	3 16	1 30	1 29	1 3	3 8	3 15	1 7	2 15	2 3	23 11	0 4	0 34	1 27	0 27	16 17	22 53	23 0	22 59	5 10	5 54
T 16	8 43	18 41	2 56	18 43	3 13	2 0	1 29	1 1	3 3	3 20	1 7	2 12	2 3	23 11	0 4	0 35	1 27	0 27	16 17	22 53	22 59	22 58	5 11	5 53
F 17	9 5	15 28	3 45	18 37	3 9	2 30	1 29	0 59	2 59	3 25	1 7	2 9	2 3	23 11	0 4	0 35	1 27	0 28	16 17	22 53	22 59	22 58	5 11	5 53
S 18	9 27	11 31	4 25	18 27	3 3	2 59	1 28	0 57	2 55	3 30	1 7	2 7	2 3	23 11	0 4	0 36	1 27	0 28	16 17	22 53	22 59	22 58	5 12	5 53
S 19	9 49	6 58	4 53	18 14	2 55	3 29	1 28	0 56	2 50	3 35	1 7	2 4	2 3	23 11	0 4	0 36	1 27	0 28	16 17	22 52	22 59	22 57	5 13	5 52
M20	10 11	1 57	5 7	17 55	2 46	3 59	1 27	0 55	2 46	3 40	1 7	2 1	2 3	23 11	0 4	0 37	1 27	0 29	16 18	22 52	22 58	22 57	5 14	5 52
T 21	10 32	3s18	5 3	17 33	2 35	4 28	1 27	0 54	2 41	3 45	1 7	1 59	2 4	23 11	0 4	0 38	1 27	0 29	16 18	22 51	22 58	22 56	5 15	5 52
W22	10 54	8 33	4 42	17 6	2 22	4 58	1 26	0 53	2 37	3 50	1 7	1 56	2 4	23 11	0 4	0 38	1 27	0 30	16 18	22 50	22 58	22 56	5 15	5 51
T 23	11 15	13 28	4 3	16 34	2 8	5 27	1 25	0 53	2 32	3 55	1 7	1 53	2 4	23 11	0 4	0 39	1 27	0 30	16 18	22 50	22 57	22 55	5 16	5 51
F 24	11 36	17 41	3 7	15 58	1 51	5 56	1 25	0 53	2 28	4 0	1 7	1 51	2 4	23 10	0 4	0 39	1 27	0 30	16 18	22 49	22 57	22 55	5 17	5 51
S 25	11 57	20 48	1 58	15 19	1 34	6 26	1 24	0 53	2 23	4 5	1 7	1 48	2 4	23 10	0 4	0 40	1 27	0 31	16 18	22 49	22 57	22 55	5 18	5 50
S 26	12 18	22 32	0 41	14 36	1 15	6 55	1 23	0 54	2 19	4 10	1 7	1 46	2 4	23 10	0 4	0 40	1 27	0 31	16 18	22 48	22 57	22 54	5 18	5 50
M27	12 38	22 41	0n38	13 52	0 55	7 24	1 22	0 55	2 15	4 14	1 7	1 43	2 4	23 10	0 4	0 41	1 27	0 31	16 18	22 48	22 56	22 54	5 19	5 49
T 28	12 59	21 18	1 54	13 6	0 34	7 52	1 21	0 56	2 10	4 19	1 7	1 41	2 5	23 10	0 4	0 41	1 27	0 32	16 18	22 48	22 56	22 53	5 20	5 49
W29	13 19	18 35	3 2	12 21	0 13	8 21	1 20	0 57	2 6	4 24	1 7	1 38	2 5	23 10	0 4	0 42	1 27	0 32	16 18	22 49	22 56	22 53	5 21	5 49
T 30	13 39	14 50	3 57	11 38	0n 7	8 49	1 19	0 59	2 2	4 29	1 8	1 36	2 5	23 10	0 4	0 42	1 27	0 32	16 18	22 49	22 55	22 52	5 21	5 48
F 31	13s58	10s22	4n38	10s57	0n27	9s18	1n17	1n 1	1s57	4s34	1n 8	1n33	2n 5	23n10	0n 4	0s43	1s27	0s33	16s18	22s49	22s55	22n52	5s22	5n48

Julian Day Number = 2401414.5, Delta T = 8.95 sec
Ecliptic obliquity = 23°27'25, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°49'25, Lahiri = 21°56'26

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ASTRODIENST EPHEMERIS for the year 1862
geocentric

NOVEMBER 1862 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 40 6	8♏20'23	3♓36	28°R44	28♎29	7°R 0	14♎23	1♎ 0	20°R10	1°R32	10°R26	16°R50	18♐ 1	22♊ 4	1°R57	S 1
S 2	2 44 3	9°20'29	16°47	27♎59	29°45	6♈57	14°36	1° 7	20♊ 9	1♈31	10♉25	16♐46	17°57	22°10	1♓56	S 2
M 3	2 47 59	10°20'36	29°45	27°25	1♏ 0	6°55	14°48	1°13	20° 7	1°30	10°24	16°40	17°54	22°17	1°56	M 3
T 4	2 51 56	11°20'45	12♈29	27° 2	2°15	6°53	15° 1	1°19	20° 5	1°28	10°23	16°34	17°51	22°24	1°55	T 4
W 5	2 55 52	12°20'55	25° 2	26°D50	3°30	6°52	15°13	1°25	20° 3	1°27	10°22	16°27	17°48	22°30	1°55	W 5
T 6	2 59 49	13°21'07	7♉22	26°51	4°46	6°D52	15°25	1°32	20° 1	1°26	10°21	16°22	17°45	22°37	1°54	T 6
F 7	3 3 45	14°21'21	19°32	27° 2	6° 1	6°53	15°37	1°38	19°59	1°25	10°20	16°17	17°42	22°44	1°54	F 7
S 8	3 7 42	15°21'37	1♊33	27°23	7°16	6°54	15°49	1°44	19°57	1°24	10°18	16°15	17°38	22°50	1°54	S 8
S 9	3 11 38	16°21'55	13°26	27°54	8°32	6°57	16° 1	1°50	19°56	1°23	10°17	16°D14	17°35	22°57	1°54	S 9
M10	3 15 35	17°22'15	25°15	28°34	9°47	7° 0	16°13	1°56	19°53	1°22	10°16	16°14	17°32	23° 3	1°53	M10
T 11	3 19 32	18°22'36	7♋ 1	29°21	11° 2	7° 3	16°25	2° 2	19°51	1°21	10°15	16°15	17°29	23°10	1°53	T 11
W12	3 23 28	19°22'59	18°49	0♏15	12°18	7° 8	16°37	2° 8	19°49	1°20	10°14	16°17	17°26	23°17	1°D53	W12
T 13	3 27 25	20°23'24	0♌44	1°15	13°33	7°13	16°49	2°14	19°47	1°19	10°13	16°19	17°22	23°23	1°53	T 13
F 14	3 31 21	21°23'51	12°50	2°20	14°49	7°19	17° 1	2°19	19°45	1°18	10°12	16°20	17°19	23°30	1°53	F 14
S 15	3 35 18	22°24'20	25°11	3°30	16° 4	7°26	17°13	2°25	19°43	1°17	10°11	16°R20	17°16	23°37	1°54	S 15
S 16	3 39 14	23°24'50	7♍53	4°43	17°19	7°34	17°24	2°31	19°41	1°16	10°10	16°20	17°13	23°43	1°54	S 16
M17	3 43 11	24°25'23	21° 0	6° 0	18°35	7°42	17°36	2°36	19°39	1°15	10° 8	16°18	17°10	23°50	1°54	M17
T 18	3 47 7	25°25'57	4♎33	7°20	19°50	7°51	17°48	2°42	19°36	1°14	10° 7	16°15	17° 7	23°57	1°54	T 18
W19	3 51 4	26°26'33	18°34	8°42	21° 6	8° 0	17°59	2°47	19°34	1°13	10° 6	16°12	17° 3	24° 3	1°55	W19
T 20	3 55 1	27°27'10	3♏ 1	10° 6	22°21	8°11	18°11	2°53	19°32	1°13	10° 5	16°10	17° 0	24°10	1°55	T 20
F 21	3 58 57	28°27'50	17°49	11°32	23°36	8°21	18°22	2°58	19°29	1°12	10° 4	16° 8	16°57	24°17	1°56	F 21
S 22	4 2 54	29°28'31	2♐51	12°59	24°52	8°33	18°33	3° 3	19°27	1°11	10° 3	16° 6	16°54	24°23	1°56	S 22
S 23	4 6 50	0♐29'13	17°58	14°27	26° 7	8°45	18°45	3° 8	19°25	1°11	10° 2	16°D 6	16°51	24°30	1°57	S 23
M24	4 10 47	1°29'56	3♑ 0	15°56	27°23	8°58	18°56	3°13	19°22	1°10	10° 1	16° 6	16°48	24°37	1°57	M24
T 25	4 14 43	2°30'41	17°51	17°27	28°38	9°11	19° 7	3°18	19°20	1° 9	10° 0	16° 7	16°44	24°43	1°58	T 25
W26	4 18 40	3°31'27	2♒23	18°57	29°54	9°26	19°18	3°23	19°17	1° 9	9°59	16° 8	16°41	24°50	1°59	W26
T 27	4 22 37	4°32'13	16°33	20°29	1♐ 9	9°40	19°29	3°28	19°15	1° 8	9°58	16° 9	16°38	24°56	2° 0	T 27
F 28	4 26 33	5°33'01	0♓20	22° 0	2°25	9°55	19°40	3°33	19°13	1° 8	9°57	16°R10	16°35	25° 3	2° 1	F 28
S 29	4 30 30	6°33'49	13°44	23°32	3°40	10°11	19°50	3°37	19°10	1° 7	9°56	16°10	16°32	25°10	2° 2	S 29
S 30	4 34 26	7♐34'39	26♓47	25♏ 5	4♐56	10♈28	20♎ 1	3♎42	19♊ 8	1♈ 7	9♉55	16♐ 9	16♐28	25♊16	2♓ 3	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s18	5s29	5n 3	10s20	0n45	9s46	1n16	1n 3	1s53	4s38	1n 8	1n31	2n 5	23n10	0n 4	0s43	1s27	0s33	16s18	22s48	22s55	22n51	5s22	5n48
S 2	14 37	0 27	5 11	9 48	1 2	10 13	1 15	1 6	1 49	4 43	1 8	1 29	2 5	23 10	0 4	0 44	1 27	0 33	16 18	22 48	22 55	22 51	5 23	5 47
M 3	14 56	4n32	5 3	9 21	1 18	10 41	1 14	1 8	1 45	4 48	1 8	1 26	2 6	23 9	0 4	0 44	1 27	0 34	16 18	22 47	22 54	22 50	5 24	5 47
T 4	15 15	9 14	4 40	9 0	1 32	11 8	1 12	1 11	1 41	4 52	1 8	1 24	2 6	23 9	0 4	0 45	1 27	0 34	16 18	22 47	22 54	22 50	5 24	5 46
W 5	15 33	13 28	4 4	8 45	1 44	11 35	1 11	1 15	1 37	4 57	1 8	1 21	2 6	23 9	0 4	0 45	1 27	0 34	16 18	22 46	22 54	22 49	5 25	5 46
T 6	15 51	17 5	3 17	8 35	1 54	12 2	1 9	1 18	1 33	5 2	1 8	1 19	2 6	23 9	0 4	0 46	1 27	0 35	16 18	22 45	22 53	22 49	5 25	5 46
F 7	16 9	19 53	2 21	8 32	2 2	12 28	1 8	1 22	1 29	5 6	1 8	1 17	2 6	23 9	0 4	0 46	1 27	0 35	16 18	22 45	22 53	22 48	5 26	5 45
S 8	16 27	21 47	1 20	8 33	2 8	12 55	1 6	1 26	1 25	5 11	1 8	1 15	2 6	23 9	0 4	0 46	1 27	0 35	16 18	22 45	22 53	22 48	5 26	5 45
S 9	16 45	22 41	0 15	8 40	2 13	13 20	1 4	1 31	1 21	5 15	1 8	1 12	2 7	23 9	0 4	0 47	1 27	0 35	16 18	22 45	22 53	22 47	5 27	5 44
M10	17 2	22 33	0s49	8 50	2 17	13 46	1 3	1 35	1 18	5 20	1 8	1 10	2 7	23 8	0 4	0 47	1 27	0 36	16 18	22 45	22 52	22 47	5 27	5 44
T 11	17 19	21 24	1 52	9 5	2 19	14 11	1 1	1 40	1 14	5 25	1 8	1 8	2 7	23 8	0 4	0 48	1 27	0 36	16 17	22 45	22 52	22 46	5 27	5 44
W12	17 35	19 20	2 50	9 23	2 19	14 36	0 59	1 45	1 10	5 29	1 9	1 6	2 7	23 8	0 4	0 48	1 27	0 36	16 17	22 45	22 52	22 46	5 28	5 43
T 13	17 51	16 24	3 41	9 44	2 19	15 0	0 57	1 51	1 7	5 33	1 9	1 4	2 7	23 8	0 4	0 48	1 27	0 36	16 17	22 45	22 51	22 45	5 28	5 43
F 14	18 7	12 46	4 23	10 8	2 18	15 25	0 55	1 56	1 3	5 38	1 9	1 2	2 8	23 8	0 4	0 49	1 27	0 37	16 17	22 45	22 51	22 45	5 28	5 42
S 15	18 23	8 30	4 55	10 34	2 16	15 48	0 54	2 2	1 0	5 42	1 9	0 59	2 8	23 8	0 4	0 49	1 27	0 37	16 17	22 45	22 51	22 44	5 29	5 42
S 16	18 38	3 47	5 12	11 1	2 13	16 11	0 52	2 8	0 56	5 47	1 9	0 57	2 8	23 8	0 4	0 49	1 27	0 37	16 17	22 45	22 50	22 43	5 29	5 42
M17	18 53	1s15	5 15	11 30	2 9	16 34	0 50	2 15	0 53	5 51	1 9	0 55	2 8	23 7	0 4	0 50	1 27	0 37	16 17	22 45	22 50	22 43	5 29	5 41
T 18	19 8	6 24	5 0	12 0	2 5	16 57	0 48	2 21	0 50	5 55	1 9	0 53	2 8	23 7	0 4	0 50	1 27	0 38	16 17	22 45	22 50	22 42	5 30	5 41
W19	19 22	11 24	4 27	12 31	2 0	17 19	0 45	2 28	0 47	6 0	1 9	0 51	2 9	23 7	0 4	0 50	1 27	0 38	16 17	22 44	22 50	22 42	5 30	5 40
T 20	19 36	15 55	3 36	13 2	1 55	17 40	0 43	2 35	0 44	6 4	1 9	0 49	2 9	23 7	0 4	0 50	1 27	0 38	16 17	22 44	22 49	22 41	5 30	5 40
F 21	19 50	19 34	2 30	13 34	1 50	18 1	0 41	2 42	0 40	6 8	1 9	0 48	2 9	23 7	0 4	0 51	1 26	0 38	16 16	22 44	22 49	22 41	5 30	5 40
S 22	20 3	21 56	1 13	14 6	1 44	18 22	0 39	2 49	0 37	6 12	1 10	0 46	2 9	23 7	0 4	0 51	1 26	0 38	16 16	22 44	22 49	22 40	5 30	5 39
S 23	20 16	22 44	0n10	14 38	1 38	18 42	0 37	2 57	0 34	6 16	1 10	0 44	2 9	23 6	0 4	0 51	1 26	0 39	16 16	22 44	22 48	22 39	5 31	5 39
M24	20 29	21 53	1 32	15 10	1 31	19 1	0 35	3 4	0 32	6 21	1 10	0 42	2 10	23 6	0 4	0 51	1 26	0 39	16 16	22 44	22 48	22 39	5 31	5 38
T 25	20 41	19 30	2 47	15 42	1 25	19 21	0 33	3 12	0 29	6 25	1 10	0 40	2 10	23 6	0 4	0 52	1 26	0 39	16 16	22 44	22 48	22 38	5 31	5 38
W26	20 52	15 55	3 50	16 13	1 18	19 39	0 30	3 20	0 26	6 29	1 10	0 38	2 10	23 6	0 4	0 52	1 26	0 39	16 16	22 44	22 47	22 38	5 31	5 38
T 27	21 4	11 29	4 36	16 44	1 11	19 57	0 28	3 29	0 23	6 33	1 10	0 37	2 10	23 6	0 4	0 52	1 26	0 39	16 16	22 44	22 47	22 37	5 31	5 37
F 28	21 15	6 36	5 6	17 15	1 4	20 14	0 26	3 37	0 21	6 37	1 10	0 35	2 11	23 5	0 4	0 52	1 26	0 39	16 15	22 44	22 47	22 36	5 31	5 37
S 29	21 25	1 31	5 17	17 45	0 57	20 31	0 23	3 46	0 18	6 41	1 10	0 33	2 11	23 5	0 4	0 52	1 26	0 40	16 15	22 44	22 46	22 36	5 31	5 36
S 30	21s35	3n29	5n12	18s14	0n50	20s47	0n21	3n54	0s15	6s44	1n11	0n32	2n11	23n 5	0n 4	0s52	1s26	0s40	16s15	22s44	22s46	22n35	5s31	5n36

Julian Day Number = 2401445.5, Delta T = 8.95 sec
Ecliptic obliquity = 23°27'24, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°49'29, Lahiri = 21°56'30

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ASTRODIENST EPHEMERIS for the year 1862
geocentric

DECEMBER 1862 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 38 23	8♐35'29	9♈31	26♏37	6♐11	10♈44	20♎12	3♎47	19°R 5	1°R 6	9°R54	16°R 8	16♐25	25♊23	2♓ 4	M 1
T 2	4 42 19	9°36'20	22° 0	28°10	7°27	11° 2	20°22	3°51	19♊ 3	1♈ 6	9♉53	16♐ 8	16°22	25°30	2° 5	T 2
W 3	4 46 16	10°37'12	4♉16	29°43	8°42	11°20	20°33	3°55	19° 0	1° 6	9°52	16° 7	16°19	25°36	2° 6	W 3
T 4	4 50 12	11°38'05	16°23	1♐16	9°58	11°38	20°43	4° 0	18°58	1° 5	9°51	16° 6	16°16	25°43	2° 8	T 4
F 5	4 54 9	12°38'59	28°21	2°49	11°13	11°57	20°53	4° 4	18°55	1° 5	9°50	16° 6	16°13	25°50	2° 9	F 5
S 6	4 58 6	13°39'54	10♊14	4°22	12°29	12°16	21° 3	4° 8	18°52	1° 5	9°49	16°D 6	16° 9	25°56	2°10	S 6
S 7	5 2 2	14°40'49	22° 3	5°55	13°44	12°36	21°13	4°12	18°50	1° 5	9°48	16° 6	16° 6	26° 3	2°12	S 7
M 8	5 5 59	15°41'46	3♋50	7°29	15° 0	12°56	21°23	4°16	18°47	1° 4	9°47	16°R 6	16° 3	26°10	2°13	M 8
T 9	5 9 55	16°42'44	15°39	9° 2	16°15	13°17	21°33	4°20	18°45	1° 4	9°47	16° 6	16° 0	26°16	2°15	T 9
W10	5 13 52	17°43'43	27°31	10°36	17°31	13°38	21°43	4°23	18°42	1° 4	9°46	16° 5	15°57	26°23	2°16	W10
T 11	5 17 48	18°44'42	9♌29	12° 9	18°46	14° 0	21°53	4°27	18°40	1° 4	9°45	16° 5	15°54	26°30	2°18	T 11
F 12	5 21 45	19°45'43	21°36	13°43	20° 2	14°21	22° 2	4°31	18°37	1° 4	9°44	16° 5	15°50	26°36	2°20	F 12
S 13	5 25 41	20°46'45	3♍57	15°17	21°17	14°44	22°12	4°34	18°35	1°D 4	9°43	16° 4	15°47	26°43	2°22	S 13
S 14	5 29 38	21°47'47	16°35	16°50	22°33	15° 6	22°21	4°38	18°32	1° 4	9°42	16°D 4	15°44	26°49	2°24	S 14
M15	5 33 35	22°48'51	29°34	18°24	23°48	15°29	22°30	4°41	18°29	1° 4	9°42	16° 4	15°41	26°56	2°25	M15
T 16	5 37 31	23°49'55	12♎57	19°58	25° 4	15°53	22°39	4°44	18°27	1° 4	9°41	16° 4	15°38	27° 3	2°27	T 16
W17	5 41 28	24°51'01	26°46	21°32	26°19	16°17	22°48	4°47	18°24	1° 4	9°40	16° 5	15°34	27° 9	2°29	W17
T 18	5 45 24	25°52'07	11♏ 2	23° 7	27°35	16°41	22°57	4°50	18°22	1° 5	9°39	16° 6	15°31	27°16	2°31	T 18
F 19	5 49 21	26°53'15	25°43	24°41	28°50	17° 5	23° 6	4°53	18°19	1° 5	9°39	16° 7	15°28	27°23	2°33	F 19
S 20	5 53 17	27°54'22	10♐43	26°16	0♑ 6	17°30	23°15	4°56	18°17	1° 5	9°38	16°R 7	15°25	27°29	2°36	S 20
S 21	5 57 14	28°55'31	25°55	27°51	1°21	17°55	23°23	4°58	18°14	1° 5	9°37	16° 7	15°22	27°36	2°38	S 21
M22	6 1 10	29°56'40	11♑ 9	29°26	2°37	18°21	23°32	5° 1	18°12	1° 6	9°37	16° 6	15°19	27°43	2°40	M22
T 23	6 5 7	0♑57'49	26°16	1♑ 1	3°52	18°46	23°40	5° 4	18° 9	1° 6	9°36	16° 5	15°15	27°49	2°42	T 23
W24	6 9 4	1°58'59	11♒ 7	2°37	5° 8	19°12	23°48	5° 6	18° 7	1° 6	9°35	16° 3	15°12	27°56	2°45	W24
T 25	6 13 0	3° 0'08	25°34	4°13	6°23	19°39	23°56	5° 8	18° 4	1° 7	9°35	16° 1	15° 9	28° 3	2°47	T 25
F 26	6 16 57	4° 1'18	9♓34	5°49	7°39	20° 5	24° 4	5°10	18° 2	1° 7	9°34	15°59	15° 6	28° 9	2°50	F 26
S 27	6 20 53	5° 2'27	23° 6	7°25	8°54	20°32	24°12	5°12	18° 0	1° 8	9°33	15°57	15° 3	28°16	2°52	S 27
S 28	6 24 50	6° 3'36	6♈11	9° 2	10°10	21° 0	24°20	5°14	17°57	1° 8	9°33	15°D57	15° 0	28°23	2°55	S 28
M29	6 28 46	7° 4'46	18°53	10°38	11°25	21°27	24°27	5°16	17°55	1° 9	9°32	15°57	14°56	28°29	2°57	M29
T 30	6 32 43	8° 5'55	1♉16	12°16	12°41	21°55	24°35	5°18	17°52	1° 9	9°32	15°59	14°53	28°36	3° 0	T 30
W31	6 36 39	9♑ 7'04	13♉24	13♑53	13♑56	22♈23	24♎42	5♎20	17♊50	1♈10	9♉31	16♐ 0	14♐50	28♊42	3♓ 3	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s45	8n14	4n52	18s43	0n43	21s 3	0n19	4n 3	0s13	6s48	1n11	0n30	2n11	23n 5	0n 4	0s53	1s26	0s40	16s15	22s44	22s46	22n34	5s31	5n36
T 2	21 54	12 33	4 18	19 11	0 36	21 18	0 16	4 12	0 10	6 52	1 11	0 29	2 11	23 5	0 4	0 53	1 26	0 40	16 15	22 44	22 45	22 34	5 31	5 35
W 3	22 3	16 17	3 32	19 38	0 29	21 32	0 14	4 22	0 8	6 56	1 11	0 27	2 12	23 4	0 4	0 53	1 26	0 40	16 15	22 44	22 45	22 33	5 31	5 35
T 4	22 12	19 16	2 38	20 5	0 21	21 46	0 12	4 31	0 6	7 0	1 11	0 26	2 12	23 4	0 4	0 53	1 26	0 40	16 14	22 44	22 45	22 32	5 31	5 35
F 5	22 20	21 23	1 37	20 30	0 14	21 59	0 9	4 40	0 3	7 3	1 11	0 24	2 12	23 4	0 4	0 53	1 26	0 40	16 14	22 44	22 44	22 32	5 31	5 34
S 6	22 27	22 32	0 33	20 55	0 7	22 12	0 7	4 50	0 1	7 7	1 11	0 23	2 12	23 4	0 5	0 53	1 26	0 40	16 14	22 44	22 44	22 31	5 31	5 34
S 7	22 35	22 40	0s33	21 18	0 0	22 23	0 5	5 0	0n 1	7 11	1 12	0 22	2 13	23 4	0 5	0 53	1 26	0 40	16 14	22 44	22 44	22 30	5 30	5 33
M 8	22 41	21 47	1 37	21 41	0s 7	22 35	0 2	5 10	0 3	7 14	1 12	0 20	2 13	23 3	0 5	0 53	1 26	0 40	16 14	22 44	22 44	22 30	5 30	5 33
T 9	22 48	19 56	2 37	22 2	0 13	22 45	0s 0	5 20	0 5	7 18	1 12	0 19	2 13	23 3	0 5	0 53	1 26	0 40	16 13	22 44	22 43	22 29	5 30	5 33
W10	22 53	17 14	3 31	22 23	0 20	22 55	0 3	5 30	0 7	7 21	1 12	0 18	2 13	23 3	0 5	0 53	1 26	0 40	16 13	22 44	22 43	22 28	5 30	5 32
T 11	22 59	13 47	4 16	22 42	0 27	23 4	0 5	5 40	0 9	7 25	1 12	0 16	2 14	23 3	0 5	0 53	1 26	0 40	16 13	22 44	22 43	22 28	5 30	5 32
F 12	23 4	9 44	4 50	23 1	0 33	23 12	0 7	5 50	0 11	7 28	1 12	0 15	2 14	23 3	0 5	0 53	1 26	0 40	16 13	22 44	22 42	22 27	5 29	5 32
S 13	23 8	5 14	5 11	23 18	0 40	23 20	0 10	6 1	0 13	7 32	1 13	0 14	2 14	23 2	0 5	0 53	1 26	0 40	16 12	22 44	22 42	22 26	5 29	5 31
S 14	23 12	0 25	5 18	23 34	0 46	23 27	0 12	6 11	0 15	7 35	1 13	0 13	2 14	23 2	0 5	0 53	1 26	0 40	16 12	22 44	22 42	22 26	5 29	5 31
M15	23 16	4s33	5 9	23 49	0 52	23 33	0 15	6 22	0 17	7 38	1 13	0 12	2 15	23 2	0 5	0 53	1 26	0 40	16 12	22 44	22 41	22 25	5 28	5 30
T 16	23 19	9 28	4 44	24 2	0 58	23 39	0 17	6 32	0 19	7 41	1 13	0 11	2 15	23 2	0 5	0 53	1 25	0 40	16 12	22 44	22 41	22 24	5 28	5 30
W17	23 21	14 5	4 1	24 15	1 4	23 44	0 19	6 43	0 20	7 45	1 13	0 10	2 15	23 2	0 5	0 53	1 25	0 40	16 11	22 44	22 40	22 23	5 28	5 30
T 18	23 24	18 3	3 3	24 26	1 9	23 48	0 22	6 54	0 22	7 48	1 13	0 9	2 16	23 1	0 5	0 53	1 25	0 40	16 11	22 44	22 40	22 23	5 27	5 29
F 19	23 25	21 0	1 51	24 36	1 15	23 51	0 24	7 5	0 24	7 51	1 14	0 8	2 16	23 1	0 5	0 53	1 25	0 40	16 11	22 44	22 40	22 22	5 27	5 29
S 20	23 26	22 34	0 30	24 44	1 20	23 54	0 26	7 16	0 25	7 54	1 14	0 7	2 16	23 1	0 5	0 52	1 25	0 40	16 11	22 44	22 39	22 21	5 26	5 29
S 21	23 27	22 29	0n54	24 51	1 25	23 55	0 29	7 27	0 27	7 57	1 14	0 7	2 16	23 1	0 5	0 52	1 25	0 40	16 10	22 44	22 39	22 20	5 26	5 28
M22	23 27	20 45	2 15	24 57	1 30	23 57	0 31	7 38	0 29	8 0	1 14	0 6	2 17	23 1	0 5	0 52	1 25	0 40	16 10	22 44	22 39	22 20	5 25	5 28
T 23	23 27	17 34	3 25	25 1	1 34	23 57	0 33	7 49	0 30	8 3	1 14	0 5	2 17	23 0	0 5	0 52	1 25	0 40	16 10	22 44	22 38	22 19	5 25	5 28
W24	23 26	13 17	4 20	25 4	1 39	23 57	0 35	8 1	0 32	8 5	1 14	0 4	2 17	23 0	0 5	0 52	1 25	0 40	16 9	22 43	22 38	22 18	5 24	5 27
T 25	23 25	8 21	4 57	25 6	1 43	23 56	0 37	8 12	0 33	8 8	1 15	0 4	2 17	23 0	0 5	0 51	1 25	0 40	16 9	22 43	22 38	22 17	5 24	5 27
F 26	23 24	3 8	5 14	25 6	1 47	23 54	0 40	8 24	0 35	8 11	1 15	0 3	2 18	23 0	0 5	0 51	1 25	0 40	16 9	22 43	22 37	22 17	5 23	5 27
S 27	23 22	2n 4	5 14	25 5	1 50	23 51	0 42	8 35	0 36	8 14	1 15	0 2	2 18	22 59	0 5	0 51	1 25	0 40	16 9	22 43	22 37	22 16	5 23	5 26
S 28	23 19	7 0	4 57	25 2	1 53	23 48	0 44	8 46	0 37	8 16	1 15	0 2	2 18	22 59	0 5	0 51	1 25	0 40	16 8	22 43	22 37	22 15	5 22	5 26
M29	23 16	11 30	4 26	24 58	1 56	23 44	0 46	8 58	0 39	8 19	1 15	0 1	2 19	22 59	0 5	0 51	1 25	0 39	16 8	22 43	22 36	22 14	5 21	5 26
T 30	23 13	15 24	3 43	24 52	1 59	23 39	0 48	9 10	0 40	8 21	1 16	0 1	2 19	22 59	0 5	0 50	1 25	0 39	16 8	22 43	22 36	22 14	5 21	5 25
W31	23s 9	18n35	2n51	24s45	2s 1	23s33	0s50	9n21	0n41	8s24	1n16	0n 1	2n19	22n59	0n 5	0s50	1s25	0s39	16s 7	22s43	22s36	22n13	5s20	5n25

Julian Day Number = 2401475.5, Delta T = 8.94 sec
Ecliptic obliquity = 23°27'23, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°49'34, Lahiri = 21°56'34

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ASTRODIENST EPHEMERIS for the year 1863
geocentric

JANUARY 1863 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 40 36	10♑ 8'13	25♉21	15♑31	15♑11	22♈51	24♎49	5♎21	17°R48	1♈11	9°R31	16♐ 2	14♐47	28♊49	3♓ 5	T 1
F 2	6 44 33	11° 9'21	7♊12	17° 9	16°27	23°20	24°56	5°23	17♊45	1°11	9♉30	16° 3	14°44	28°56	3° 8	F 2
S 3	6 48 29	12°10'30	19° 0	18°47	17°42	23°48	25° 3	5°24	17°43	1°12	9°30	16°R 4	14°40	29° 2	3°11	S 3
S 4	6 52 26	13°11'38	0♋47	20°26	18°58	24°17	25° 9	5°25	17°41	1°13	9°29	16° 3	14°37	29° 9	3°14	S 4
M 5	6 56 22	14°12'46	12°37	22° 5	20°13	24°46	25°16	5°26	17°39	1°14	9°29	16° 0	14°34	29°16	3°17	M 5
T 6	7 0 19	15°13'54	24°31	23°44	21°29	25°16	25°22	5°28	17°36	1°14	9°29	15°56	14°31	29°22	3°20	T 6
W 7	7 4 15	16°15'02	6♌31	25°23	22°44	25°45	25°29	5°28	17°34	1°15	9°28	15°51	14°28	29°29	3°23	W 7
T 8	7 8 12	17°16'10	18°38	27° 3	23°59	26°15	25°35	5°29	17°32	1°16	9°28	15°45	14°25	29°36	3°26	T 8
F 9	7 12 8	18°17'18	0♍55	28°42	25°15	26°45	25°41	5°30	17°30	1°17	9°28	15°39	14°21	29°42	3°29	F 9
S 10	7 16 5	19°18'25	13°23	0♒22	26°30	27°15	25°47	5°31	17°28	1°18	9°27	15°34	14°18	29°49	3°32	S 10
S 11	7 20 2	20°19'32	26° 5	2° 1	27°46	27°45	25°52	5°31	17°26	1°19	9°27	15°30	14°15	29°56	3°35	S 11
M12	7 23 58	21°20'40	9♎ 2	3°41	29° 1	28°16	25°58	5°31	17°24	1°20	9°27	15°28	14°12	0♋ 2	3°38	M12
T 13	7 27 55	22°21'47	22°18	5°19	0♒16	28°46	26° 3	5°32	17°22	1°21	9°27	15°D27	14° 9	0° 9	3°41	T 13
W14	7 31 51	23°22'54	5♏55	6°58	1°32	29°17	26° 8	5°32	17°20	1°22	9°26	15°27	14° 6	0°16	3°44	W14
T 15	7 35 48	24°24'01	19°55	8°36	2°47	29°48	26°13	5°R32	17°18	1°23	9°26	15°29	14° 2	0°22	3°48	T 15
F 16	7 39 44	25°25'08	4♐17	10°12	4° 3	0♑19	26°18	5°32	17°16	1°24	9°26	15°30	13°59	0°29	3°51	F 16
S 17	7 43 41	26°26'14	18°59	11°48	5°18	0°50	26°23	5°32	17°14	1°25	9°26	15°R30	13°56	0°36	3°54	S 17
S 18	7 47 38	27°27'20	3♑57	13°22	6°33	1°22	26°27	5°31	17°13	1°27	9°26	15°29	13°53	0°42	3°58	S 18
M19	7 51 34	28°28'26	19° 4	14°54	7°49	1°53	26°31	5°31	17°11	1°28	9°26	15°26	13°50	0°49	4° 1	M19
T 20	7 55 31	29°29'31	4♒ 9	16°24	9° 4	2°25	26°36	5°30	17° 9	1°29	9°25	15°20	13°46	0°56	4° 5	T 20
W21	7 59 27	0♒30'35	19° 5	17°51	10°19	2°57	26°40	5°30	17° 7	1°30	9°25	15°13	13°43	1° 2	4° 8	W21
T 22	8 3 24	1°31'39	3♓40	19°15	11°35	3°29	26°43	5°29	17° 6	1°32	9°25	15° 5	13°40	1° 9	4°11	T 22
F 23	8 7 20	2°32'41	17°51	20°35	12°50	4° 1	26°47	5°28	17° 4	1°33	9°25	14°58	13°37	1°15	4°15	F 23
S 24	8 11 17	3°33'42	1♈33	21°50	14° 5	4°34	26°51	5°27	17° 3	1°35	9°D25	14°52	13°34	1°22	4°19	S 24
S 25	8 15 13	4°34'42	14°46	23° 0	15°20	5° 6	26°54	5°26	17° 1	1°36	9°25	14°48	13°31	1°29	4°22	S 25
M26	8 19 10	5°35'42	27°33	24° 3	16°36	5°39	26°57	5°25	17° 0	1°37	9°25	14°46	13°27	1°35	4°26	M26
T 27	8 23 6	6°36'39	9♉57	25° 0	17°51	6°12	27° 0	5°24	16°58	1°39	9°25	14°D45	13°24	1°42	4°29	T 27
W28	8 27 3	7°37'36	22° 4	25°49	19° 6	6°44	27° 3	5°23	16°57	1°40	9°26	14°46	13°21	1°49	4°33	W28
T 29	8 31 0	8°38'32	3♊59	26°29	20°21	7°17	27° 5	5°21	16°56	1°42	9°26	14°47	13°18	1°55	4°37	T 29
F 30	8 34 56	9°39'26	15°47	27° 1	21°36	7°50	27° 8	5°20	16°54	1°43	9°26	14°R48	13°15	2° 2	4°40	F 30
S 31	8 38 53	10♒40'19	27♊33	27♒22	22♒52	8♉23	27♎10	5♎18	16♊53	1♈45	9♉26	14♐47	13♐12	2♋ 9	4♓44	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 4	20n55	1n52	24s36	2s 3	23s27	0s52	9n33	0n42	8s26	1n16	0n 0	2n19	22n58	0n 5	0s50	1s25	0s39	16s 7	22s43	22s35	22n12	5s20	5n25
F 2	22 59	22 20	0 49	24 25	2 5	23 20	0 54	9 45	0 44	8 29	1 16	0s 0	2 20	22 58	0 5	0 49	1 25	0 39	16 7	22 44	22 35	22 11	5 19	5 25
S 3	22 54	22 44	0s16	24 13	2 6	23 12	0 56	9 56	0 45	8 31	1 16	0 0	2 20	22 58	0 5	0 49	1 25	0 39	16 6	22 44	22 35	22 10	5 18	5 24
S 4	22 48	22 7	1 20	24 0	2 7	23 4	0 58	10 8	0 46	8 33	1 17	0 1	2 20	22 58	0 5	0 49	1 25	0 39	16 6	22 43	22 34	22 10	5 17	5 24
M 5	22 42	20 31	2 21	23 45	2 8	22 55	0 59	10 20	0 47	8 35	1 17	0 1	2 21	22 58	0 5	0 48	1 25	0 38	16 6	22 43	22 34	22 9	5 17	5 24
T 6	22 35	18 2	3 16	23 28	2 8	22 45	1 1	10 32	0 48	8 38	1 17	0 1	2 21	22 57	0 5	0 48	1 25	0 38	16 5	22 43	22 33	22 8	5 16	5 23
W 7	22 28	14 45	4 2	23 10	2 7	22 34	1 3	10 43	0 49	8 40	1 17	0 1	2 21	22 57	0 5	0 48	1 25	0 38	16 5	22 42	22 33	22 7	5 15	5 23
T 8	22 20	10 50	4 38	22 50	2 6	22 23	1 5	10 55	0 50	8 42	1 17	0 1	2 21	22 57	0 5	0 47	1 24	0 38	16 5	22 42	22 33	22 6	5 14	5 23
F 9	22 12	6 27	5 2	22 28	2 5	22 11	1 6	11 7	0 51	8 44	1 18	0 1	2 22	22 57	0 5	0 47	1 24	0 38	16 4	22 41	22 32	22 5	5 13	5 23
S 10	22 4	1 44	5 12	22 5	2 3	21 59	1 8	11 19	0 52	8 45	1 18	0 1	2 22	22 57	0 5	0 46	1 24	0 37	16 4	22 40	22 32	22 5	5 13	5 22
S 11	21 55	3s 8	5 7	21 41	2 1	21 45	1 9	11 31	0 53	8 47	1 18	0 1	2 22	22 57	0 5	0 46	1 24	0 37	16 4	22 40	22 32	22 4	5 12	5 22
M12	21 46	7 58	4 46	21 15	1 57	21 32	1 11	11 42	0 54	8 49	1 18	0 1	2 23	22 56	0 5	0 46	1 24	0 37	16 3	22 40	22 31	22 3	5 11	5 22
T 13	21 36	12 33	4 10	20 47	1 54	21 17	1 12	11 54	0 55	8 51	1 19	0 1	2 23	22 56	0 5	0 45	1 24	0 37	16 3	22 40	22 31	22 2	5 10	5 21
W14	21 26	16 38	3 19	20 18	1 49	21 2	1 14	12 6	0 56	8 52	1 19	0 0	2 23	22 56	0 5	0 45	1 24	0 36	16 3	22 40	22 30	22 1	5 9	5 21
T 15	21 15	19 54	2 15	19 48	1 44	20 46	1 15	12 18	0 57	8 54	1 19	0 0	2 23	22 56	0 5	0 44	1 24	0 36	16 2	22 40	22 30	22 0	5 8	5 21
F 16	21 4	22 1	1 1	19 17	1 38	20 30	1 16	12 30	0 58	8 56	1 19	0n 0	2 24	22 56	0 5	0 44	1 24	0 36	16 2	22 40	22 30	21 59	5 7	5 21
S 17	20 53	22 41	0n19	18 44	1 32	20 13	1 18	12 41	0 59	8 57	1 19	0 0	2 24	22 55	0 5	0 43	1 24	0 35	16 2	22 40	22 29	21 59	5 6	5 20
S 18	20 41	21 45	1 39	18 10	1 24	19 55	1 19	12 53	1 0	8 59	1 20	0 1	2 24	22 55	0 5	0 43	1 24	0 35	16 1	22 40	22 29	21 58	5 5	5 20
M19	20 29	19 16	2 52	17 35	1 16	19 37	1 20	13 5	1 0	9 0	1 20	0 1	2 25	22 55	0 5	0 42	1 24	0 35	16 1	22 40	22 29	21 57	5 4	5 20
T 20	20 16	15 27	3 53	17 0	1 7	19 18	1 21	13 17	1 1	9 1	1 20	0 2	2 25	22 55	0 5	0 42	1 24	0 35	16 1	22 39	22 28	21 56	5 3	5 20
W21	20 3	10 43	4 37	16 24	0 57	18 59	1 22	13 28	1 2	9 2	1 20	0 2	2 25	22 55	0 5	0 41	1 24	0 34	16 0	22 38	22 28	21 55	5 2	5 20
T 22	19 50	5 28	5 2	15 48	0 47	18 39	1 23	13 40	1 3	9 4	1 21	0 3	2 25	22 55	0 5	0 40	1 24	0 34	16 0	22 37	22 27	21 54	5 1	5 19
F 23	19 36	0 5	5 8	15 12	0 35	18 19	1 24	13 52	1 3	9 5	1 21	0 3	2 26	22 55	0 5	0 40	1 24	0 34	16 0	22 36	22 27	21 53	5 0	5 19
S 24	19 22	5n 8	4 56	14 36	0 22	17 58	1 25	14 3	1 4	9 6	1 21	0 4	2 26	22 54	0 5	0 39	1 24	0 33	15 59	22 36	22 27	21 52	4 59	5 19
S 25	19 8	9 56	4 28	14 0	0 9	17 37	1 25	14 15	1 5	9 7	1 21	0 5	2 26	22 54	0 5	0 39	1 24	0 33	15 59	22 35	22 26	21 51	4 58	5 19
M26	18 53	14 8	3 47	13 26	0n 5	17 15	1 26	14 27	1 5	9 7	1 22	0 5	2 27	22 54	0 5	0 38	1 24	0 33	15 59	22 35	22 26	21 50	4 57	5 18
T 27	18 38	17 36	2 57	12 53	0 20	16 52	1 27	14 38	1 6	9 8	1 22	0 6	2 27	22 54	0 5	0 38	1 24	0 32	15 58	22 35	22 25	21 50	4 56	5 18
W28	18 23	20 13	1 59	12 21	0 36	16 29	1 27	14 49	1 7	9 9	1 22	0 7	2 27	22 54	0 5	0 37	1 24	0 32	15 58	22 35	22 25	21 49	4 54	5 18
T 29	18 7	21 55	0 58	11 52	0 53	16 6	1 28	15 1	1 7	9 10	1 22	0 8	2 27	22 54	0 5	0 36	1 24	0 32	15 58	22 35	22 25	21 48	4 53	5 18
F 30	17 51	22 37	0s 5	11 26	1 10	15 42	1 28	15 12	1 8	9 10	1 22	0 9	2 28	22 54	0 5	0 36	1 24	0 31	15 57	22 35	22 24	21 47	4 52	5 18
S 31	17s34	22n18	1s 8	11s 2	1n27	15s18	1s29	15n24	1n 9	9s11	1n23	0n 9	2n28	22n54	0n 5	0s35	1s24	0s31	15s57	22s35	22s24	21n46	4s51	5n18

Julian Day Number = 2401506.5, Delta T = 8.93 sec
Ecliptic obliquity = 23°27'23, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°49'38, Lahiri = 21°56'38

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ASTRODIENST EPHEMERIS for the year 1863
geocentric

FEBRUARY 1863 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 42 49	11♒41'11	9♋21	27°R32	24♒ 7	8♉57	27♎12	5°R16	16°R52	1♈47	9♉26	14°R44	13♐ 8	2♋15	4♓48	S 1
M 2	8 46 46	12°42'02	21°15	27♒31	25°22	9°30	27°14	5♎14	16♊51	1°48	9°26	14♐38	13° 5	2°22	4°51	M 2
T 3	8 50 42	13°42'51	3♌17	27°20	26°37	10° 4	27°15	5°12	16°50	1°50	9°27	14°29	13° 2	2°29	4°55	T 3
W 4	8 54 39	14°43'39	15°28	26°57	27°52	10°37	27°17	5°10	16°49	1°51	9°27	14°19	12°59	2°35	4°59	W 4
T 5	8 58 36	15°44'26	27°50	26°24	29° 7	11°11	27°18	5° 8	16°48	1°53	9°27	14° 7	12°56	2°42	5° 3	T 5
F 6	9 2 32	16°45'12	10♍23	25°41	0♓22	11°45	27°19	5° 6	16°47	1°55	9°27	13°55	12°52	2°49	5° 7	F 6
S 7	9 6 29	17°45'56	23° 7	24°49	1°37	12°18	27°20	5° 3	16°46	1°57	9°28	13°44	12°49	2°55	5°10	S 7
S 8	9 10 25	18°46'39	6♎ 3	23°50	2°52	12°52	27°21	5° 1	16°45	1°58	9°28	13°35	12°46	3° 2	5°14	S 8
M 9	9 14 22	19°47'22	19°10	22°45	4° 7	13°26	27°21	4°59	16°44	2° 0	9°28	13°28	12°43	3° 9	5°18	M 9
T 10	9 18 18	20°48'03	2♏31	21°37	5°22	14° 0	27°22	4°56	16°43	2° 2	9°29	13°25	12°40	3°15	5°22	T 10
W11	9 22 15	21°48'43	16° 5	20°27	6°37	14°34	27°R22	4°53	16°43	2° 4	9°29	13°23	12°37	3°22	5°26	W11
T 12	9 26 11	22°49'22	29°55	19°17	7°52	15° 9	27°22	4°50	16°42	2° 6	9°30	13°D23	12°33	3°29	5°30	T 12
F 13	9 30 8	23°50'00	14♐ 1	18° 9	9° 7	15°43	27°21	4°47	16°42	2° 7	9°30	13°R23	12°30	3°35	5°34	F 13
S 14	9 34 5	24°50'37	28°22	17° 4	10°22	16°17	27°21	4°45	16°41	2° 9	9°30	13°23	12°27	3°42	5°38	S 14
S 15	9 38 1	25°51'13	12♑56	16° 4	11°37	16°52	27°20	4°41	16°41	2°11	9°31	13°20	12°24	3°48	5°42	S 15
M16	9 41 58	26°51'47	27°40	15°10	12°52	17°26	27°20	4°38	16°40	2°13	9°31	13°14	12°21	3°55	5°46	M16
T 17	9 45 54	27°52'21	12♒26	14°23	14° 6	18° 1	27°19	4°35	16°40	2°15	9°32	13° 5	12°17	4° 2	5°50	T 17
W18	9 49 51	28°52'52	27° 7	13°42	15°21	18°36	27°17	4°32	16°39	2°17	9°32	12°54	12°14	4° 8	5°53	W18
T 19	9 53 47	29°53'22	11♓35	13°10	16°36	19°10	27°16	4°28	16°39	2°19	9°33	12°42	12°11	4°15	5°57	T 19
F 20	9 57 44	0♓53'50	25°43	12°45	17°51	19°45	27°14	4°25	16°39	2°21	9°34	12°31	12° 8	4°22	6° 1	F 20
S 21	10 1 40	1°54'16	9♈26	12°27	19° 6	20°20	27°13	4°21	16°39	2°23	9°34	12°20	12° 5	4°28	6° 5	S 21
S 22	10 5 37	2°54'41	22°42	12°17	20°20	20°55	27°11	4°18	16°39	2°25	9°35	12°12	12° 2	4°35	6° 9	S 22
M23	10 9 33	3°55'04	5♉33	12°D13	21°35	21°30	27° 9	4°14	16°39	2°27	9°35	12° 7	11°58	4°42	6°13	M23
T 24	10 13 30	4°55'25	18° 1	12°17	22°50	22° 5	27° 6	4°10	16°D39	2°29	9°36	12° 4	11°55	4°48	6°17	T 24
W25	10 17 27	5°55'44	0♊11	12°27	24° 4	22°40	27° 4	4° 7	16°39	2°31	9°37	12° 3	11°52	4°55	6°21	W25
T 26	10 21 23	6°56'01	12° 7	12°42	25°19	23°15	27° 1	4° 3	16°39	2°33	9°37	12° 3	11°49	5° 2	6°25	T 26
F 27	10 25 20	7°56'16	23°57	13° 4	26°33	23°51	26°58	3°59	16°39	2°35	9°38	12° 3	11°46	5° 8	6°29	F 27
S 28	10 29 16	8♓56'28	5♋44	13♒30	27♓48	24♉26	26♎55	3♎55	16♊39	2♈38	9♉39	12♐ 1	11♐43	5♋15	6♓33	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s18	21n 0	2s 8	10s43	1n44	14s54	1s29	15n35	1n 9	9s11	1n23	0n10	2n28	22n53	0n 5	0s34	1s24	0s30	15s57	22s35	22s24	21n45	4s50	5n17
M 2	17 1	18 46	3 2	10 27	2 1	14 29	1 29	15 46	1 10	9 12	1 23	0 11	2 28	22 53	0 5	0 34	1 24	0 30	15 56	22 34	22 23	21 44	4 49	5 17
T 3	16 43	15 43	3 49	10 15	2 18	14 3	1 30	15 57	1 10	9 12	1 23	0 12	2 29	22 53	0 5	0 33	1 24	0 30	15 56	22 33	22 23	21 43	4 47	5 17
W 4	16 26	11 58	4 26	10 7	2 34	13 37	1 30	16 8	1 11	9 13	1 24	0 13	2 29	22 53	0 5	0 32	1 24	0 29	15 55	22 32	22 22	21 42	4 46	5 17
T 5	16 8	7 40	4 51	10 5	2 49	13 11	1 30	16 19	1 11	9 13	1 24	0 15	2 29	22 53	0 5	0 32	1 24	0 29	15 55	22 31	22 22	21 41	4 45	5 17
F 6	15 50	3 0	5 3	10 6	3 3	12 45	1 30	16 30	1 12	9 13	1 24	0 16	2 29	22 53	0 5	0 31	1 23	0 28	15 55	22 29	22 22	21 40	4 44	5 17
S 7	15 31	1s51	4 59	10 12	3 15	12 18	1 30	16 41	1 12	9 13	1 24	0 17	2 30	22 53	0 5	0 30	1 23	0 28	15 54	22 28	22 21	21 39	4 43	5 16
S 8	15 12	6 42	4 41	10 22	3 25	11 51	1 29	16 52	1 13	9 13	1 25	0 18	2 30	22 53	0 5	0 29	1 23	0 28	15 54	22 27	22 21	21 38	4 41	5 16
M 9	14 53	11 19	4 7	10 35	3 33	11 23	1 29	17 3	1 13	9 13	1 25	0 19	2 30	22 53	0 5	0 29	1 23	0 27	15 54	22 26	22 20	21 37	4 40	5 16
T 10	14 34	15 28	3 19	10 51	3 39	10 56	1 29	17 14	1 14	9 13	1 25	0 20	2 30	22 53	0 5	0 28	1 23	0 27	15 53	22 26	22 20	21 36	4 39	5 16
W11	14 15	18 54	2 20	11 10	3 42	10 28	1 29	17 24	1 14	9 13	1 25	0 22	2 31	22 53	0 5	0 27	1 23	0 26	15 53	22 25	22 19	21 35	4 37	5 16
T 12	13 55	21 18	1 11	11 31	3 43	9 59	1 28	17 35	1 15	9 13	1 26	0 23	2 31	22 52	0 5	0 26	1 23	0 26	15 53	22 25	22 19	21 34	4 36	5 16
F 13	13 35	22 27	0n 3	11 53	3 42	9 31	1 28	17 45	1 15	9 12	1 26	0 24	2 31	22 52	0 5	0 26	1 23	0 25	15 52	22 25	22 19	21 33	4 35	5 16
S 14	13 15	22 8	1 19	12 16	3 38	9 2	1 27	17 56	1 15	9 12	1 26	0 26	2 31	22 52	0 5	0 25	1 23	0 25	15 52	22 25	22 18	21 32	4 33	5 16
S 15	12 55	20 20	2 30	12 39	3 32	8 33	1 27	18 6	1 16	9 11	1 26	0 27	2 32	22 52	0 5	0 24	1 23	0 24	15 52	22 25	22 18	21 31	4 32	5 15
M16	12 34	17 11	3 32	13 2	3 25	8 4	1 26	18 16	1 16	9 11	1 27	0 29	2 32	22 52	0 5	0 23	1 23	0 24	15 51	22 24	22 17	21 30	4 31	5 15
T 17	12 13	12 55	4 20	13 24	3 16	7 34	1 25	18 26	1 17	9 10	1 27	0 30	2 32	22 52	0 5	0 23	1 23	0 23	15 51	22 23	22 17	21 29	4 29	5 15
W18	11 52	7 56	4 50	13 45	3 6	7 4	1 24	18 36	1 17	9 10	1 27	0 32	2 32	22 52	0 5	0 22	1 23	0 23	15 51	22 22	22 17	21 28	4 28	5 15
T 19	11 31	2 35	5 1	14 5	2 55	6 34	1 23	18 46	1 17	9 9	1 27	0 33	2 32	22 52	0 5	0 21	1 23	0 23	15 50	22 20	22 16	21 27	4 27	5 15
F 20	11 10	2n47	4 53	14 23	2 43	6 4	1 22	18 56	1 18	9 8	1 27	0 35	2 33	22 52	0 5	0 20	1 23	0 22	15 50	22 19	22 16	21 26	4 25	5 15
S 21	10 48	7 51	4 29	14 40	2 31	5 34	1 21	19 6	1 18	9 7	1 28	0 36	2 33	22 52	0 5	0 19	1 23	0 22	15 50	22 17	22 15	21 25	4 24	5 15
S 22	10 27	12 24	3 50	14 55	2 18	5 4	1 20	19 15	1 18	9 7	1 28	0 38	2 33	22 52	0 5	0 19	1 23	0 21	15 49	22 16	22 15	21 24	4 23	5 15
M23	10 5	16 13	3 1	15 9	2 5	4 33	1 19	19 25	1 19	9 6	1 28	0 40	2 33	22 52	0 5	0 18	1 23	0 21	15 49	22 16	22 14	21 23	4 21	5 15
T 24	9 43	19 11	2 4	15 20	1 52	4 3	1 18	19 34	1 19	9 5	1 28	0 41	2 33	22 52	0 5	0 17	1 23	0 20	15 49	22 15	22 14	21 22	4 20	5 15
W25	9 21	21 13	1 3	15 30	1 39	3 32	1 17	19 44	1 19	9 3	1 29	0 43	2 34	22 52	0 5	0 16	1 23	0 20	15 48	22 15	22 14	21 21	4 19	5 15
T 26	8 58	22 15	0s 0	15 39	1 25	3 1	1 15	19 53	1 20	9 2	1 29	0 45	2 34	22 52	0 5	0 15	1 23	0 19	15 48	22 15	22 13	21 20	4 17	5 15
F 27	8 36	22 17	1 3	15 45	1 12	2 30	1 14	20 2	1 20	9 1	1 29	0 46	2 34	22 52	0 5	0 14	1 23	0 19	15 48	22 15	22 13	21 19	4 16	5 15
S 28	8s13	21n18	2s 2	15s50	1n 0	1s59	1s13	20n11	1n20	9s 0	1n29	0n48	2n34	22n52	0n 5	0s14	1s23	0s18	15s48	22s15	22s12	21n18	4s14	5n15

Julian Day Number = 2401537.5, Delta T = 8.92 sec
Ecliptic obliquity = 23°27'23, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°49'42, Lahiri = 21°56'43

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ASTRODIENST EPHEMERIS for the year 1863
geocentric

MARCH 1863 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 33 13	9♓56'39	17♋34	14♒ 2	29♓ 2	25♉ 1	26°R52	3°R51	16♊39	2♈40	9♉40	11°R57	11♐39	5♋22	6♓37	S 1
M 2	10 37 9	10°56'48	29°32	14°38	0♈17	25°37	26♎49	3♎47	16°40	2°42	9°40	11♐50	11°36	5°28	6°41	M 2
T 3	10 41 6	11°56'55	11♌41	15°18	1°31	26°12	26°45	3°43	16°40	2°44	9°41	11°41	11°33	5°35	6°45	T 3
W 4	10 45 2	12°57'00	24° 4	16° 2	2°46	26°48	26°41	3°38	16°41	2°46	9°42	11°29	11°30	5°42	6°49	W 4
T 5	10 48 59	13°57'03	6♍41	16°50	4° 0	27°23	26°37	3°34	16°41	2°48	9°43	11°15	11°27	5°48	6°53	T 5
F 6	10 52 56	14°57'04	19°33	17°41	5°14	27°59	26°33	3°30	16°42	2°50	9°44	11° 2	11°23	5°55	6°57	F 6
S 7	10 56 52	15°57'03	2♎38	18°35	6°29	28°34	26°29	3°25	16°42	2°53	9°45	10°49	11°20	6° 2	7° 1	S 7
S 8	11 0 49	16°57'00	15°56	19°32	7°43	29°10	26°25	3°21	16°43	2°55	9°45	10°38	11°17	6° 8	7° 5	S 8
M 9	11 4 45	17°56'55	29°24	20°32	8°57	29°45	26°20	3°17	16°43	2°57	9°46	10°30	11°14	6°15	7° 9	M 9
T 10	11 8 42	18°56'49	13♏ 1	21°35	10°11	0♊21	26°16	3°12	16°44	2°59	9°47	10°25	11°11	6°22	7°13	T 10
W11	11 12 38	19°56'41	26°47	22°40	11°25	0°57	26°11	3° 8	16°45	3° 1	9°48	10°23	11° 8	6°28	7°16	W11
T 12	11 16 35	20°56'32	10♐41	23°47	12°40	1°33	26° 6	3° 3	16°46	3° 4	9°49	10°D22	11° 4	6°35	7°20	T 12
F 13	11 20 31	21°56'21	24°42	24°57	13°54	2° 8	26° 1	2°59	16°47	3° 6	9°50	10°R22	11° 1	6°42	7°24	F 13
S 14	11 24 28	22°56'08	8♑51	26° 9	15° 8	2°44	25°55	2°54	16°48	3° 8	9°51	10°22	10°58	6°48	7°28	S 14
S 15	11 28 25	23°55'54	23° 6	27°22	16°22	3°20	25°50	2°49	16°49	3°10	9°52	10°19	10°55	6°55	7°32	S 15
M16	11 32 21	24°55'38	7♒25	28°38	17°36	3°56	25°44	2°45	16°50	3°13	9°53	10°14	10°52	7° 2	7°36	M16
T 17	11 36 18	25°55'20	21°44	29°55	18°50	4°32	25°38	2°40	16°51	3°15	9°54	10° 5	10°49	7° 8	7°40	T 17
W18	11 40 14	26°55'00	5♓59	1♓14	20° 3	5° 8	25°33	2°36	16°52	3°17	9°55	9°55	10°45	7°15	7°43	W18
T 19	11 44 11	27°54'38	20° 3	2°35	21°17	5°44	25°27	2°31	16°53	3°19	9°56	9°43	10°42	7°22	7°47	T 19
F 20	11 48 7	28°54'14	3♈53	3°57	22°31	6°20	25°20	2°26	16°55	3°22	9°57	9°32	10°39	7°28	7°51	F 20
S 21	11 52 4	29°53'48	17°24	5°21	23°45	6°56	25°14	2°21	16°56	3°24	9°58	9°22	10°36	7°35	7°55	S 21
S 22	11 56 0	0♈53'21	0♉33	6°46	24°59	7°32	25° 8	2°17	16°57	3°26	9°59	9°13	10°33	7°42	7°58	S 22
M23	11 59 57	1°52'51	13°20	8°13	26°12	8° 8	25° 1	2°12	16°59	3°28	10° 0	9° 8	10°29	7°48	8° 2	M23
T 24	12 3 54	2°52'18	25°48	9°42	27°26	8°44	24°55	2° 7	17° 0	3°31	10° 2	9° 5	10°26	7°55	8° 6	T 24
W25	12 7 50	3°51'44	7♊59	11°12	28°40	9°20	24°48	2° 3	17° 2	3°33	10° 3	9°D 4	10°23	8° 1	8°10	W25
T 26	12 11 47	4°51'07	19°57	12°43	29°53	9°57	24°41	1°58	17° 3	3°35	10° 4	9° 4	10°20	8° 8	8°13	T 26
F 27	12 15 43	5°50'28	1♋48	14°16	1♉ 7	10°33	24°34	1°53	17° 5	3°38	10° 5	9°R 5	10°17	8°15	8°17	F 27
S 28	12 19 40	6°49'47	13°37	15°50	2°20	11° 9	24°28	1°49	17° 6	3°40	10° 6	9° 5	10°14	8°21	8°20	S 28
S 29	12 23 36	7°49'03	25°29	17°25	3°34	11°45	24°21	1°44	17° 8	3°42	10° 7	9° 3	10°10	8°28	8°24	S 29
M30	12 27 33	8°48'17	7♌30	19° 2	4°47	12°22	24°13	1°39	17°10	3°44	10° 8	8°59	10° 7	8°35	8°28	M30
T 31	12 31 29	9♈47'29	19♌43	20♓41	6♉ 0	12♊58	24♎ 6	1♎35	17♊12	3♈47	10♉10	8♐53	10♐ 4	8♋41	8♓31	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s51	19n23	2s56	15s53	0n47	1s28	1s11	20n20	1n20	8s58	1n29	0n50	2n34	22n52	0n 5	0s13	1s23	0s18	15s47	22s14	22s12	21n17	4s13	5n15
M 2	7 28	16 37	3 43	15 54	0 35	0 57	1 10	20 29	1 21	8 57	1 30	0 52	2 34	22 52	0 5	0 12	1 23	0 17	15 47	22 13	22 12	21 15	4 11	5 14
T 3	7 5	13 7	4 21	15 54	0 23	0 26	1 8	20 38	1 21	8 56	1 30	0 53	2 35	22 52	0 5	0 11	1 23	0 17	15 47	22 12	22 11	21 14	4 10	5 14
W 4	6 42	9 0	4 47	15 52	0 11	0n 5	1 6	20 46	1 21	8 54	1 30	0 55	2 35	22 52	0 5	0 10	1 23	0 16	15 46	22 10	22 11	21 13	4 9	5 14
T 5	6 19	4 26	4 59	15 48	0 0	0 36	1 5	20 54	1 21	8 52	1 30	0 57	2 35	22 52	0 5	0 9	1 23	0 16	15 46	22 9	22 10	21 12	4 7	5 14
F 6	5 56	0s24	4 57	15 43	0s11	1 7	1 3	21 3	1 21	8 51	1 30	0 59	2 35	22 53	0 5	0 8	1 23	0 15	15 46	22 7	22 10	21 11	4 6	5 14
S 7	5 33	5 19	4 39	15 36	0 21	1 39	1 1	21 11	1 22	8 49	1 31	1 1	2 35	22 53	0 5	0 7	1 23	0 14	15 45	22 5	22 9	21 10	4 4	5 14
S 8	5 9	10 3	4 6	15 28	0 31	2 10	0 59	21 19	1 22	8 47	1 31	1 3	2 35	22 53	0 5	0 7	1 23	0 14	15 45	22 3	22 9	21 9	4 3	5 14
M 9	4 46	14 22	3 18	15 18	0 41	2 41	0 57	21 27	1 22	8 46	1 31	1 4	2 35	22 53	0 5	0 6	1 23	0 13	15 45	22 2	22 8	21 8	4 1	5 14
T 10	4 23	17 58	2 19	15 6	0 50	3 12	0 55	21 35	1 22	8 44	1 31	1 6	2 36	22 53	0 5	0 5	1 23	0 13	15 45	22 2	22 8	21 7	4 0	5 14
W11	3 59	20 36	1 11	14 54	0 59	3 43	0 53	21 42	1 22	8 42	1 31	1 8	2 36	22 53	0 5	0 4	1 23	0 12	15 44	22 1	22 8	21 6	3 59	5 14
T 12	3 36	22 2	0n 2	14 39	1 7	4 13	0 51	21 50	1 23	8 40	1 31	1 10	2 36	22 53	0 5	0 3	1 23	0 12	15 44	22 1	22 7	21 4	3 57	5 14
F 13	3 12	22 6	1 15	14 24	1 15	4 44	0 49	21 57	1 23	8 38	1 32	1 12	2 36	22 53	0 5	0 2	1 23	0 11	15 44	22 1	22 7	21 3	3 56	5 14
S 14	2 48	20 45	2 25	14 6	1 23	5 15	0 46	22 5	1 23	8 36	1 32	1 14	2 36	22 53	0 5	0 1	1 23	0 11	15 44	22 1	22 6	21 2	3 54	5 14
S 15	2 25	18 6	3 26	13 48	1 30	5 46	0 44	22 12	1 23	8 34	1 32	1 16	2 36	22 53	0 5	0 0	1 23	0 10	15 43	22 1	22 6	21 1	3 53	5 14
M16	2 1	14 20	4 14	13 28	1 36	6 16	0 42	22 19	1 23	8 31	1 32	1 18	2 36	22 53	0 5	0n 1	1 23	0 10	15 43	22 0	22 5	21 0	3 51	5 15
T 17	1 37	9 45	4 46	13 6	1 42	6 46	0 39	22 26	1 23	8 29	1 32	1 20	2 36	22 54	0 5	0 1	1 23	0 9	15 43	21 59	22 5	20 59	3 50	5 15
W18	1 14	4 40	5 1	12 44	1 48	7 16	0 37	22 32	1 24	8 27	1 32	1 21	2 36	22 54	0 5	0 2	1 23	0 9	15 43	21 57	22 4	20 58	3 49	5 15
T 19	0 50	0n37	4 57	12 20	1 54	7 46	0 35	22 39	1 24	8 25	1 32	1 23	2 36	22 54	0 5	0 3	1 23	0 8	15 42	21 55	22 4	20 57	3 47	5 15
F 20	0 26	5 45	4 35	11 54	1 59	8 16	0 32	22 45	1 24	8 22	1 33	1 25	2 36	22 54	0 5	0 4	1 23	0 8	15 42	21 54	22 4	20 55	3 46	5 15
S 21	0 2	10 30	3 59	11 28	2 3	8 46	0 30	22 52	1 24	8 20	1 33	1 27	2 36	22 54	0 5	0 5	1 23	0 7	15 42	21 52	22 3	20 54	3 44	5 15
S 22	0n21	14 38	3 10	11 0	2 7	9 15	0 27	22 58	1 24	8 18	1 33	1 29	2 36	22 54	0 5	0 6	1 23	0 7	15 42	21 51	22 3	20 53	3 43	5 15
M23	0 45	17 58	2 13	10 31	2 11	9 45	0 25	23 4	1 24	8 15	1 33	1 31	2 37	22 54	0 5	0 7	1 23	0 6	15 41	21 50	22 2	20 52	3 41	5 15
T 24	1 9	20 21	1 10	10 0	2 14	10 14	0 22	23 10	1 24	8 13	1 33	1 33	2 37	22 54	0 5	0 8	1 23	0 5	15 41	21 50	22 2	20 51	3 40	5 15
W25	1 32	21 45	0 6	9 29	2 16	10 42	0 19	23 15	1 24	8 10	1 33	1 35	2 37	22 55	0 5	0 9	1 23	0 5	15 41	21 50	22 1	20 50	3 39	5 15
T 26	1 56	22 7	0s58	8 56	2 19	11 11	0 17	23 21	1 24	8 8	1 33	1 37	2 37	22 55	0 5	0 10	1 23	0 4	15 41	21 50	22 1	20 48	3 37	5 15
F 27	2 19	21 28	1 58	8 21	2 20	11 39	0 14	23 26	1 24	8 5	1 33	1 39	2 37	22 55	0 5	0 10	1 23	0 4	15 41	21 50	22 0	20 47	3 36	5 15
S 28	2 43	19 53	2 54	7 46	2 22	12 7	0 11	23 31	1 24	8 2	1 33	1 41	2 37	22 55	0 5	0 11	1 23	0 3	15 40	21 50	22 0	20 46	3 34	5 15
S 29	3 6	17 25	3 42	7 10	2 23	12 35	0 8	23 37	1 25	8 0	1 33	1 42	2 37	22 55	0 5	0 12	1 23	0 3	15 40	21 49	21 59	20 45	3 33	5 15
M30	3 30	14 12	4 21	6 32	2 23	13 2	0 6	23 41	1 25	7 57	1 34	1 44	2 37	22 55	0 5	0 13	1 23	0 2	15 40	21 49	21 59	20 44	3 31	5 15
T 31	3n53	10n21	4s48	5s53	2s23	13n29	0s 3	23n46	1n25	7s54	1n34	1n46	2n37	22n56	0n 5	0n14	1s23	0s 2	15s40	21s48	21s59	20n42	3s30	5n16

Julian Day Number = 2401565.5, Delta T = 8.91 sec
Ecliptic obliquity = 23°27'23, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°49'46, Lahiri = 21°56'46

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ASTRODIENST EPHEMERIS for the year 1863
geocentric

APRIL 1863 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 35 26	10♈46'38	2♍13	22♓21	7♉14	13♊34	23°R59	1°R30	17♊13	3♈49	10♉11	8°R44	10♐ 1	8♋48	8♓35	W 1
T 2	12 39 22	11°45'46	15° 1	24° 2	8°27	14°11	23♎52	1♎25	17°15	3°51	10°12	8♐35	9°58	8°55	8°38	T 2
F 3	12 43 19	12°44'51	28° 8	25°44	9°40	14°47	23°44	1°21	17°17	3°53	10°13	8°25	9°54	9° 1	8°41	F 3
S 4	12 47 16	13°43'54	11♎33	27°29	10°53	15°23	23°37	1°16	17°19	3°56	10°14	8°15	9°51	9° 8	8°45	S 4
S 5	12 51 12	14°42'54	25°14	29°14	12° 6	16° 0	23°29	1°12	17°21	3°58	10°16	8° 8	9°48	9°15	8°48	S 5
M 6	12 55 9	15°41'53	9♏ 8	1♈ 1	13°19	16°36	23°22	1° 7	17°23	4° 0	10°17	8° 2	9°45	9°21	8°52	M 6
T 7	12 59 5	16°40'50	23°11	2°50	14°32	17°13	23°14	1° 3	17°25	4° 2	10°18	7°59	9°42	9°28	8°55	T 7
W 8	13 3 2	17°39'46	7♐19	4°40	15°45	17°49	23° 7	0°58	17°27	4° 5	10°19	7°D58	9°39	9°35	8°58	W 8
T 9	13 6 58	18°38'39	21°30	6°31	16°58	18°25	22°59	0°54	17°30	4° 7	10°21	7°59	9°35	9°41	9° 1	T 9
F 10	13 10 55	19°37'31	5♑41	8°24	18°11	19° 2	22°51	0°50	17°32	4° 9	10°22	8° 0	9°32	9°48	9° 5	F 10
S 11	13 14 51	20°36'21	19°51	10°18	19°24	19°38	22°44	0°45	17°34	4°11	10°23	8°R 0	9°29	9°55	9° 8	S 11
S 12	13 18 48	21°35'10	3♒58	12°14	20°36	20°15	22°36	0°41	17°36	4°13	10°25	8° 0	9°26	10° 1	9°11	S 12
M13	13 22 45	22°33'56	18° 0	14°12	21°49	20°51	22°28	0°37	17°39	4°16	10°26	7°57	9°23	10° 8	9°14	M13
T 14	13 26 41	23°32'41	1♓56	16°10	23° 2	21°28	22°21	0°33	17°41	4°18	10°27	7°53	9°20	10°15	9°17	T 14
W15	13 30 38	24°31'24	15°44	18°11	24°14	22° 4	22°13	0°29	17°44	4°20	10°29	7°46	9°16	10°21	9°20	W15
T 16	13 34 34	25°30'06	29°22	20°12	25°27	22°41	22° 5	0°25	17°46	4°22	10°30	7°39	9°13	10°28	9°23	T 16
F 17	13 38 31	26°28'45	12♈46	22°15	26°39	23°18	21°58	0°21	17°48	4°24	10°31	7°32	9°10	10°35	9°26	F 17
S 18	13 42 27	27°27'23	25°55	24°19	27°52	23°54	21°50	0°17	17°51	4°26	10°33	7°26	9° 7	10°41	9°29	S 18
S 19	13 46 24	28°25'59	8♉47	26°25	29° 4	24°31	21°42	0°13	17°54	4°29	10°34	7°21	9° 4	10°48	9°32	S 19
M20	13 50 20	29°24'33	21°23	28°31	0♊16	25° 7	21°35	0° 9	17°56	4°31	10°35	7°18	9° 0	10°55	9°35	M20
T 21	13 54 17	0♉23'05	3♊44	0♉38	1°28	25°44	21°27	0° 5	17°59	4°33	10°37	7°D17	8°57	11° 1	9°38	T 21
W22	13 58 14	1°21'34	15°51	2°46	2°41	26°21	21°20	0° 2	18° 1	4°35	10°38	7°17	8°54	11° 8	9°41	W22
T 23	14 2 10	2°20'02	27°49	4°54	3°53	26°57	21°12	29♍58	18° 4	4°37	10°39	7°18	8°51	11°15	9°43	T 23
F 24	14 6 7	3°18'28	9♋40	7° 3	5° 5	27°34	21° 5	29°55	18° 7	4°39	10°41	7°20	8°48	11°21	9°46	F 24
S 25	14 10 3	4°16'52	21°29	9°11	6°17	28°11	20°57	29°51	18°10	4°41	10°42	7°22	8°45	11°28	9°49	S 25
S 26	14 14 0	5°15'13	3♌22	11°19	7°29	28°47	20°50	29°48	18°12	4°43	10°43	7°R22	8°41	11°35	9°51	S 26
M27	14 17 56	6°13'33	15°23	13°27	8°40	29°24	20°43	29°44	18°15	4°45	10°45	7°22	8°38	11°41	9°54	M27
T 28	14 21 53	7°11'50	27°37	15°34	9°52	0♋ 1	20°36	29°41	18°18	4°47	10°46	7°20	8°35	11°48	9°57	T 28
W29	14 25 49	8°10'05	10♍ 8	17°39	11° 4	0°38	20°29	29°38	18°21	4°49	10°47	7°17	8°32	11°55	9°59	W29
T 30	14 29 46	9♉ 8'18	23♍ 0	19♉43	12♊16	1♋14	20♎22	29♍35	18♊24	4♈51	10♉49	7♐14	8♐29	12♋ 1	10♓ 1	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n16	5n58	5s 3	5s13	2s22	13n56	0s 0	23n51	1n25	7s52	1n34	1n48	2n37	22n56	0n 5	0n15	1s23	0s 1	15s40	21s47	21s58	20n41	3s29	5n16
T 2	4 39	1 15	5 3	4 32	2 21	14 22	0n 3	23 55	1 25	7 49	1 34	1 50	2 37	22 56	0 5	0 16	1 23	0 1	15 40	21 45	21 58	20 40	3 27	5 16
F 3	5 2	3s39	4 47	3 50	2 20	14 48	0 6	24 0	1 25	7 46	1 34	1 52	2 37	22 56	0 5	0 17	1 23	0 0	15 39	21 43	21 57	20 39	3 26	5 16
S 4	5 25	8 29	4 16	3 6	2 17	15 14	0 8	24 4	1 25	7 43	1 34	1 53	2 37	22 56	0 5	0 18	1 23	0n 0	15 39	21 42	21 57	20 38	3 25	5 16
S 5	5 48	13 0	3 29	2 22	2 15	15 40	0 11	24 8	1 25	7 41	1 34	1 55	2 37	22 57	0 5	0 18	1 23	0 1	15 39	21 41	21 56	20 36	3 23	5 16
M 6	6 11	16 54	2 29	1 37	2 12	16 5	0 14	24 11	1 25	7 38	1 34	1 57	2 37	22 57	0 5	0 19	1 23	0 1	15 39	21 40	21 56	20 35	3 22	5 16
T 7	6 34	19 51	1 19	0 50	2 8	16 29	0 17	24 15	1 25	7 35	1 34	1 59	2 37	22 57	0 5	0 20	1 23	0 2	15 39	21 39	21 55	20 34	3 20	5 16
W 8	6 56	21 36	0 3	0 3	2 4	16 53	0 20	24 18	1 25	7 32	1 34	2 0	2 36	22 57	0 5	0 21	1 23	0 2	15 39	21 39	21 55	20 33	3 19	5 16
T 9	7 19	21 59	1n12	0n46	2 0	17 17	0 23	24 22	1 25	7 29	1 34	2 2	2 36	22 57	0 5	0 22	1 23	0 3	15 38	21 39	21 54	20 31	3 18	5 17
F 10	7 41	20 56	2 24	1 35	1 54	17 40	0 26	24 25	1 25	7 26	1 34	2 4	2 36	22 58	0 5	0 23	1 23	0 3	15 38	21 39	21 54	20 30	3 16	5 17
S 11	8 3	18 35	3 26	2 25	1 49	18 3	0 29	24 28	1 25	7 24	1 34	2 5	2 36	22 58	0 5	0 24	1 23	0 4	15 38	21 40	21 53	20 29	3 15	5 17
S 12	8 25	15 7	4 16	3 16	1 43	18 26	0 32	24 31	1 25	7 21	1 34	2 7	2 36	22 58	0 5	0 24	1 23	0 4	15 38	21 39	21 53	20 28	3 14	5 17
M13	8 47	10 50	4 50	4 7	1 36	18 47	0 35	24 33	1 25	7 18	1 34	2 9	2 36	22 58	0 5	0 25	1 23	0 5	15 38	21 39	21 52	20 26	3 13	5 17
T 14	9 9	6 0	5 7	5 0	1 29	19 9	0 38	24 36	1 25	7 15	1 34	2 10	2 36	22 58	0 5	0 26	1 23	0 5	15 38	21 38	21 52	20 25	3 11	5 17
W15	9 31	0 56	5 6	5 53	1 21	19 30	0 40	24 38	1 25	7 12	1 34	2 12	2 36	22 59	0 5	0 27	1 23	0 6	15 38	21 37	21 51	20 24	3 10	5 18
T 16	9 52	4n 8	4 47	6 46	1 13	19 50	0 43	24 40	1 25	7 9	1 34	2 13	2 36	22 59	0 5	0 28	1 23	0 6	15 38	21 36	21 51	20 23	3 9	5 18
F 17	10 13	8 55	4 13	7 40	1 5	20 10	0 46	24 42	1 25	7 7	1 34	2 15	2 36	22 59	0 5	0 29	1 23	0 7	15 37	21 35	21 50	20 21	3 7	5 18
S 18	10 35	13 12	3 26	8 34	0 56	20 30	0 49	24 44	1 25	7 4	1 34	2 16	2 36	22 59	0 5	0 29	1 23	0 7	15 37	21 34	21 50	20 20	3 6	5 18
S 19	10 55	16 47	2 29	9 28	0 47	20 49	0 52	24 45	1 25	7 1	1 34	2 18	2 36	23 0	0 5	0 30	1 23	0 8	15 37	21 33	21 49	20 19	3 5	5 18
M20	11 16	19 30	1 26	10 23	0 37	21 7	0 55	24 47	1 25	6 58	1 33	2 19	2 36	23 0	0 5	0 31	1 23	0 8	15 37	21 33	21 49	20 18	3 4	5 18
T 21	11 37	21 14	0 19	11 17	0 27	21 25	0 58	24 48	1 25	6 56	1 33	2 20	2 35	23 0	0 5	0 32	1 23	0 9	15 37	21 32	21 48	20 16	3 2	5 19
W22	11 57	21 56	0s47	12 11	0 17	21 42	1 0	24 49	1 25	6 53	1 33	2 22	2 35	23 0	0 5	0 33	1 23	0 9	15 37	21 32	21 48	20 15	3 1	5 19
T 23	12 18	21 36	1 50	13 4	0 6	21 58	1 3	24 50	1 25	6 50	1 33	2 23	2 35	23 1	0 5	0 34	1 23	0 10	15 37	21 33	21 47	20 14	3 0	5 19
F 24	12 38	20 19	2 48	13 57	0n 4	22 15	1 6	24 51	1 25	6 47	1 33	2 24	2 35	23 1	0 5	0 34	1 23	0 10	15 37	21 33	21 47	20 12	2 59	5 19
S 25	12 57	18 9	3 38	14 48	0 15	22 30	1 9	24 51	1 25	6 45	1 33	2 26	2 35	23 1	0 5	0 35	1 23	0 11	15 37	21 33	21 47	20 11	2 58	5 19
S 26	13 17	15 12	4 20	15 39	0 26	22 45	1 11	24 52	1 25	6 42	1 33	2 27	2 35	23 1	0 5	0 36	1 24	0 11	15 37	21 33	21 46	20 10	2 57	5 20
M27	13 36	11 36	4 51	16 28	0 36	22 59	1 14	24 52	1 24	6 40	1 33	2 28	2 35	23 2	0 5	0 37	1 24	0 11	15 37	21 33	21 46	20 8	2 55	5 20
T 28	13 55	7 28	5 9	17 16	0 47	23 13	1 17	24 52	1 24	6 37	1 33	2 29	2 34	23 2	0 5	0 37	1 24	0 12	15 37	21 33	21 45	20 7	2 54	5 20
W29	14 14	2 56	5 13	18 2	0 57	23 26	1 19	24 52	1 24	6 34	1 33	2 30	2 34	23 2	0 5	0 38	1 24	0 12	15 37	21 33	21 45	20 6	2 53	5 20
T 30	14n33	1s50	5s 2	18n46	1n 7	23n38	1n22	24n51	1n24	6s32	1n32	2n31	2n34	23n 2	0n 5	0n39	1s24	0n13	15s37	21s32	21s44	20n 4	2s52	5n20

Julian Day Number = 2401596.5, Delta T = 8.90 sec
Ecliptic obliquity = 23°27'23, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°49'50, Lahiri = 21°56'51

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ASTRODIENST EPHEMERIS for the year 1863
geocentric

MAY 1863 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 33 43	10♉ 6'29	6♎15	21♉45	13♊27	1♋51	20°R15	29°R32	18♊27	4♈53	10♉50	7°R 9	8♐26	12♋ 8	10♓ 4	F 1
S 2	14 37 39	11° 4'39	19°52	23°45	14°39	2°28	20♎ 8	29♍29	18°30	4°55	10°51	7♐ 5	8°22	12°15	10° 6	S 2
S 3	14 41 36	12° 2'46	3♏50	25°43	15°50	3° 5	20° 1	29°26	18°33	4°57	10°53	7° 2	8°19	12°21	10° 9	S 3
M 4	14 45 32	13° 0'52	18° 6	27°38	17° 1	3°41	19°55	29°23	18°36	4°59	10°54	7° 0	8°16	12°28	10°11	M 4
T 5	14 49 29	13°58'56	2♐35	29°31	18°13	4°18	19°48	29°21	18°39	5° 1	10°56	6°D59	8°13	12°35	10°13	T 5
W 6	14 53 25	14°56'59	17°10	1♊20	19°24	4°55	19°42	29°18	18°42	5° 2	10°57	6°59	8°10	12°41	10°15	W 6
T 7	14 57 22	15°55'00	1♑46	3° 6	20°35	5°32	19°35	29°16	18°45	5° 4	10°58	7° 0	8° 6	12°48	10°17	T 7
F 8	15 1 18	16°53'00	16°17	4°49	21°46	6° 8	19°29	29°13	18°48	5° 6	11° 0	7° 1	8° 3	12°55	10°19	F 8
S 9	15 5 15	17°50'59	0♒40	6°29	22°57	6°45	19°23	29°11	18°51	5° 8	11° 1	7° 3	8° 0	13° 1	10°21	S 9
S 10	15 9 12	18°48'56	14°51	8° 5	24° 8	7°22	19°17	29° 9	18°55	5°10	11° 2	7°R 3	7°57	13° 8	10°23	S 10
M11	15 13 8	19°46'52	28°49	9°38	25°19	7°59	19°12	29° 6	18°58	5°11	11° 4	7° 3	7°54	13°15	10°25	M11
T 12	15 17 5	20°44'47	12♓33	11° 7	26°29	8°36	19° 6	29° 4	19° 1	5°13	11° 5	7° 2	7°51	13°21	10°27	T 12
W13	15 21 1	21°42'40	26° 2	12°32	27°40	9°13	19° 0	29° 2	19° 4	5°15	11° 6	7° 1	7°47	13°28	10°29	W13
T 14	15 24 58	22°40'32	9♈16	13°54	28°51	9°49	18°55	29° 1	19° 8	5°16	11° 8	6°59	7°44	13°35	10°31	T 14
F 15	15 28 54	23°38'23	22°16	15°11	0♋ 1	10°26	18°50	28°59	19°11	5°18	11° 9	6°57	7°41	13°41	10°32	F 15
S 16	15 32 51	24°36'13	5♉ 2	16°25	1°12	11° 3	18°44	28°57	19°14	5°20	11°10	6°55	7°38	13°48	10°34	S 16
S 17	15 36 47	25°34'01	17°35	17°35	2°22	11°40	18°39	28°56	19°17	5°21	11°12	6°54	7°35	13°55	10°36	S 17
M18	15 40 44	26°31'48	29°55	18°41	3°32	12°17	18°35	28°54	19°21	5°23	11°13	6°53	7°31	14° 1	10°37	M18
T 19	15 44 41	27°29'33	12♊ 5	19°44	4°42	12°54	18°30	28°53	19°24	5°25	11°14	6°D53	7°28	14° 8	10°39	T 19
W20	15 48 37	28°27'18	24° 6	20°41	5°52	13°31	18°25	28°51	19°28	5°26	11°16	6°54	7°25	14°15	10°40	W20
T 21	15 52 34	29°25'00	5♋59	21°35	7° 2	14° 8	18°21	28°50	19°31	5°28	11°17	6°54	7°22	14°22	10°42	T 21
F 22	15 56 30	0♊22'42	17°49	22°25	8°12	14°45	18°17	28°49	19°34	5°29	11°18	6°55	7°19	14°28	10°43	F 22
S 23	16 0 27	1°20'21	29°39	23°10	9°22	15°22	18°13	28°48	19°38	5°31	11°20	6°56	7°16	14°35	10°44	S 23
S 24	16 4 23	2°18'00	11♌31	23°51	10°32	15°59	18° 9	28°47	19°41	5°32	11°21	6°56	7°12	14°42	10°46	S 24
M25	16 8 20	3°15'37	23°32	24°27	11°41	16°35	18° 5	28°47	19°45	5°33	11°22	6°57	7° 9	14°48	10°47	M25
T 26	16 12 16	4°13'12	5♍44	24°59	12°51	17°12	18° 2	28°46	19°48	5°35	11°23	6°R57	7° 6	14°55	10°48	T 26
W27	16 16 13	5°10'46	18°14	25°27	14° 0	17°49	17°58	28°45	19°52	5°36	11°25	6°57	7° 3	15° 2	10°49	W27
T 28	16 20 10	6° 8'18	1♎ 3	25°49	15° 9	18°26	17°55	28°45	19°55	5°38	11°26	6°56	7° 0	15° 8	10°50	T 28
F 29	16 24 6	7° 5'49	14°17	26° 7	16°19	19° 3	17°52	28°45	19°59	5°39	11°27	6°D56	6°57	15°15	10°51	F 29
S 30	16 28 3	8° 3'19	27°56	26°21	17°28	19°40	17°49	28°44	20° 2	5°40	11°28	6°57	6°53	15°22	10°52	S 30
S 31	16 31 59	9♊ 0'48	12♏ 0	26♊30	18♋37	20♋17	17♎46	28♍44	20♊ 6	5♈41	11♉30	6♐57	6♐50	15♋28	10♓53	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14n52	6s41	4s34	19n28	1n17	23n50	1n24	24n51	1n24	6s30	1n32	2n33	2n34	23n 3	0n 5	0n40	1s24	0n13	15s37	21s31	21s44	20n 3	2s51	5n21
S 2	15 10	11 20	3 51	20 7	1 27	24 1	1 27	24 50	1 24	6 27	1 32	2 34	2 34	23 3	0 5	0 40	1 24	0 14	15 37	21 31	21 43	20 2	2 50	5 21
S 3	15 28	15 30	2 52	20 45	1 35	24 11	1 29	24 49	1 24	6 25	1 32	2 35	2 34	23 3	0 5	0 41	1 24	0 14	15 37	21 30	21 43	20 0	2 49	5 21
M 4	15 45	18 52	1 42	21 20	1 44	24 21	1 32	24 48	1 24	6 22	1 32	2 35	2 34	23 3	0 5	0 42	1 24	0 14	15 37	21 30	21 42	19 59	2 48	5 21
T 5	16 3	21 5	0 24	21 52	1 51	24 30	1 34	24 47	1 24	6 20	1 32	2 36	2 33	23 4	0 5	0 43	1 24	0 15	15 37	21 29	21 42	19 58	2 47	5 21
W 6	16 20	21 55	0n56	22 22	1 58	24 38	1 36	24 46	1 24	6 18	1 32	2 37	2 33	23 4	0 5	0 43	1 24	0 15	15 37	21 30	21 41	19 56	2 46	5 22
T 7	16 37	21 14	2 12	22 50	2 4	24 46	1 39	24 44	1 24	6 16	1 31	2 38	2 33	23 4	0 5	0 44	1 24	0 16	15 37	21 30	21 40	19 55	2 45	5 22
F 8	16 53	19 9	3 20	23 15	2 10	24 53	1 41	24 42	1 24	6 13	1 31	2 39	2 33	23 4	0 5	0 45	1 24	0 16	15 37	21 30	21 40	19 54	2 44	5 22
S 9	17 10	15 53	4 15	23 37	2 15	24 59	1 43	24 40	1 23	6 11	1 31	2 40	2 33	23 5	0 5	0 45	1 24	0 16	15 37	21 30	21 39	19 52	2 43	5 22
S 10	17 26	11 43	4 53	23 57	2 19	25 5	1 45	24 38	1 23	6 9	1 31	2 40	2 33	23 5	0 5	0 46	1 24	0 17	15 37	21 30	21 39	19 51	2 42	5 23
M11	17 42	7 0	5 13	24 15	2 22	25 9	1 47	24 36	1 23	6 7	1 31	2 41	2 32	23 5	0 6	0 47	1 24	0 17	15 37	21 30	21 38	19 50	2 41	5 23
T 12	17 57	2 1	5 14	24 30	2 24	25 14	1 49	24 34	1 23	6 5	1 31	2 42	2 32	23 6	0 6	0 47	1 24	0 17	15 37	21 30	21 38	19 48	2 40	5 23
W13	18 12	2n59	4 59	24 43	2 25	25 17	1 51	24 31	1 23	6 3	1 30	2 42	2 32	23 6	0 6	0 48	1 24	0 18	15 37	21 30	21 37	19 47	2 39	5 23
T 14	18 27	7 46	4 27	24 54	2 26	25 20	1 53	24 28	1 23	6 1	1 30	2 43	2 32	23 6	0 6	0 49	1 24	0 18	15 37	21 29	21 37	19 46	2 38	5 24
F 15	18 42	12 7	3 43	25 3	2 25	25 22	1 55	24 25	1 23	6 0	1 30	2 43	2 32	23 6	0 6	0 49	1 24	0 19	15 37	21 29	21 36	19 44	2 37	5 24
S 16	18 56	15 50	2 47	25 9	2 24	25 23	1 56	24 22	1 23	5 58	1 30	2 44	2 31	23 7	0 6	0 50	1 24	0 19	15 37	21 29	21 36	19 43	2 36	5 24
S 17	19 10	18 46	1 45	25 14	2 22	25 24	1 58	24 19	1 23	5 56	1 30	2 44	2 31	23 7	0 6	0 50	1 24	0 19	15 37	21 29	21 35	19 41	2 36	5 24
M18	19 24	20 47	0 39	25 17	2 19	25 24	2 0	24 15	1 22	5 55	1 29	2 45	2 31	23 7	0 6	0 51	1 24	0 20	15 37	21 29	21 35	19 40	2 35	5 25
T 19	19 37	21 47	0s29	25 18	2 15	25 23	2 1	24 12	1 22	5 53	1 29	2 45	2 31	23 7	0 6	0 52	1 24	0 20	15 37	21 29	21 34	19 39	2 34	5 25
W20	19 50	21 46	1 34	25 17	2 10	25 22	2 2	24 8	1 22	5 51	1 29	2 45	2 31	23 8	0 6	0 52	1 24	0 20	15 37	21 29	21 34	19 37	2 33	5 25
T 21	20 2	20 45	2 35	25 15	2 4	25 20	2 4	24 4	1 22	5 50	1 29	2 46	2 30	23 8	0 6	0 53	1 24	0 20	15 37	21 29	21 33	19 36	2 32	5 25
F 22	20 15	18 50	3 28	25 11	1 57	25 17	2 5	24 0	1 22	5 49	1 28	2 46	2 30	23 8	0 6	0 53	1 24	0 21	15 37	21 29	21 33	19 34	2 32	5 26
S 23	20 27	16 7	4 13	25 6	1 49	25 13	2 6	23 55	1 22	5 47	1 28	2 46	2 30	23 9	0 6	0 54	1 25	0 21	15 37	21 29	21 32	19 33	2 31	5 26
S 24	20 38	12 44	4 47	24 59	1 40	25 9	2 7	23 51	1 22	5 46	1 28	2 46	2 30	23 9	0 6	0 54	1 25	0 21	15 37	21 29	21 32	19 32	2 30	5 26
M25	20 49	8 49	5 9	24 51	1 31	25 4	2 8	23 46	1 21	5 45	1 28	2 46	2 30	23 9	0 6	0 55	1 25	0 22	15 37	21 29	21 31	19 30	2 30	5 26
T 26	21 0	4 29	5 18	24 42	1 20	24 59	2 9	23 42	1 21	5 44	1 27	2 46	2 29	23 9	0 6	0 55	1 25	0 22	15 38	21 29	21 31	19 29	2 29	5 27
W27	21 11	0s 7	5 11	24 31	1 9	24 53	2 10	23 37	1 21	5 43	1 27	2 46	2 29	23 10	0 6	0 56	1 25	0 22	15 38	21 29	21 30	19 27	2 28	5 27
T 28	21 21	4 51	4 50	24 20	0 56	24 46	2 11	23 31	1 21	5 42	1 27	2 46	2 29	23 10	0 6	0 56	1 25	0 22	15 38	21 29	21 30	19 26	2 28	5 27
F 29	21 31	9 31	4 13	24 7	0 43	24 38	2 12	23 26	1 21	5 41	1 27	2 46	2 29	23 10	0 6	0 57	1 25	0 23	15 38	21 29	21 29	19 25	2 27	5 27
S 30	21 40	13 52	3 20	23 54	0 30	24 30	2 12	23 21	1 21	5 40	1 26	2 46	2 28	23 11	0 6	0 57	1 25	0 23	15 38	21 29	21 29	19 23	2 27	5 28
S 31	21n49	17s35	2s14	23n40	0n15	24n21	2n13	23n15	1n21	5s39	1n26	2n46	2n28	23n11	0n 6	0n58	1s25	0n23	15s38	21s29	21s28	19n22	2s26	5n28

Julian Day Number = 2401626.5, Delta T = 8.89 sec
Ecliptic obliquity = 23°27'22, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°49'54, Lahiri = 21°56'55

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ASTRODIENST EPHEMERIS for the year 1863
geocentric

JUNE 1863 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 35 56	9♊58'15	26♏28	26°R34	19♋45	20♋54	17°R44	28°D44	20♊ 9	5♈43	11♉31	6♐57	6♐47	15♋35	10♓53	M 1
T 2	16 39 52	10°55'42	11♐13	26♊33	20°54	21°31	17♎41	28♍44	20°13	5°44	11°32	6°R57	6°44	15°42	10°54	T 2
W 3	16 43 49	11°53'07	26°10	26°28	22° 3	22° 8	17°39	28°44	20°16	5°45	11°33	6°57	6°41	15°48	10°55	W 3
T 4	16 47 45	12°50'32	11♑10	26°19	23°11	22°45	17°37	28°44	20°20	5°46	11°35	6°56	6°37	15°55	10°55	T 4
F 5	16 51 42	13°47'56	26° 5	26° 5	24°19	23°22	17°35	28°45	20°23	5°47	11°36	6°56	6°34	16° 2	10°56	F 5
S 6	16 55 39	14°45'19	10♒48	25°48	25°28	23°59	17°34	28°45	20°27	5°48	11°37	6°55	6°31	16° 8	10°57	S 6
S 7	16 59 35	15°42'41	25°12	25°27	26°36	24°36	17°32	28°46	20°30	5°49	11°38	6°54	6°28	16°15	10°57	S 7
M 8	17 3 32	16°40'03	9♓16	25° 3	27°44	25°13	17°31	28°46	20°34	5°50	11°39	6°54	6°25	16°22	10°57	M 8
T 9	17 7 28	17°37'25	22°57	24°36	28°51	25°51	17°30	28°47	20°37	5°51	11°40	6°D54	6°22	16°28	10°58	T 9
W10	17 11 25	18°34'46	6♈17	24° 7	29°59	26°28	17°29	28°48	20°41	5°52	11°41	6°54	6°18	16°35	10°58	W10
T 11	17 15 21	19°32'06	19°17	23°35	1♌ 6	27° 5	17°28	28°49	20°45	5°53	11°43	6°55	6°15	16°42	10°58	T 11
F 12	17 19 18	20°29'26	2♉ 0	23° 2	2°14	27°42	17°28	28°50	20°48	5°54	11°44	6°56	6°12	16°48	10°58	F 12
S 13	17 23 14	21°26'46	14°28	22°29	3°21	28°19	17°27	28°51	20°52	5°55	11°45	6°57	6° 9	16°55	10°58	S 13
S 14	17 27 11	22°24'05	26°45	21°55	4°28	28°56	17°27	28°52	20°55	5°56	11°46	6°58	6° 6	17° 2	10°R59	S 14
M15	17 31 8	23°21'24	8♊51	21°21	5°35	29°33	17°D27	28°54	20°59	5°57	11°47	6°R58	6° 3	17° 8	10°59	M15
T 16	17 35 4	24°18'42	20°50	20°49	6°42	0♌10	17°27	28°55	21° 2	5°58	11°48	6°58	5°59	17°15	10°58	T 16
W17	17 39 1	25°16'00	2♋44	20°17	7°48	0°47	17°28	28°57	21° 6	5°58	11°49	6°56	5°56	17°22	10°58	W17
T 18	17 42 57	26°13'17	14°34	19°48	8°55	1°25	17°28	28°59	21°10	5°59	11°50	6°54	5°53	17°28	10°58	T 18
F 19	17 46 54	27°10'33	26°23	19°21	10° 1	2° 2	17°29	29° 0	21°13	6° 0	11°51	6°51	5°50	17°35	10°58	F 19
S 20	17 50 50	28° 7'49	8♌14	18°57	11° 7	2°39	17°30	29° 2	21°17	6° 0	11°52	6°48	5°47	17°42	10°58	S 20
S 21	17 54 47	29° 5'04	20° 8	18°37	12°13	3°16	17°31	29° 4	21°20	6° 1	11°53	6°44	5°43	17°49	10°57	S 21
M22	17 58 43	0♋ 2'19	2♍10	18°20	13°19	3°53	17°32	29° 6	21°24	6° 2	11°54	6°41	5°40	17°55	10°57	M22
T 23	18 2 40	0°59'33	14°22	18° 7	14°25	4°31	17°33	29° 8	21°27	6° 2	11°55	6°39	5°37	18° 2	10°56	T 23
W24	18 6 37	1°56'47	26°49	17°58	15°30	5° 8	17°35	29°10	21°31	6° 3	11°56	6°D38	5°34	18° 9	10°56	W24
T 25	18 10 33	2°54'00	9♎34	17°D54	16°35	5°45	17°37	29°13	21°34	6° 3	11°57	6°38	5°31	18°15	10°55	T 25
F 26	18 14 30	3°51'12	22°42	17°55	17°40	6°22	17°39	29°15	21°38	6° 4	11°58	6°39	5°28	18°22	10°55	F 26
S 27	18 18 26	4°48'24	6♏15	18° 0	18°45	7° 0	17°41	29°18	21°41	6° 4	11°59	6°41	5°24	18°29	10°54	S 27
S 28	18 22 23	5°45'35	20°15	18°10	19°49	7°37	17°43	29°20	21°45	6° 5	12° 0	6°42	5°21	18°35	10°53	S 28
M29	18 26 19	6°42'46	4♐41	18°25	20°54	8°14	17°45	29°23	21°48	6° 5	12° 0	6°R43	5°18	18°42	10°52	M29
T 30	18 30 16	7♋39'57	19♐30	18♊45	21♌58	8♌51	17♎48	29♍26	21♊52	6♈ 5	12♉ 1	6♐42	5♐15	18♋49	10♓52	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n58	20s19	0s58	23n24	0s 0	24n12	2n13	23n 9	1n20	5s38	1n26	2n46	2n28	23n11	0n 6	0n58	1s25	0n23	15s38	21s29	21s27	19n20	2s25	5n28
T 2	22 6	21 45	0n24	23 9	0 16	24 1	2 13	23 3	1 20	5 38	1 26	2 46	2 28	23 11	0 6	0 59	1 25	0 24	15 38	21 29	21 27	19 19	2 25	5 28
W 3	22 14	21 39	1 45	22 52	0 32	23 51	2 13	22 57	1 20	5 37	1 25	2 45	2 28	23 12	0 6	0 59	1 25	0 24	15 38	21 29	21 26	19 17	2 24	5 29
T 4	22 21	20 1	2 59	22 35	0 49	23 39	2 14	22 51	1 20	5 37	1 25	2 45	2 27	23 12	0 6	0 59	1 25	0 24	15 39	21 29	21 26	19 16	2 24	5 29
F 5	22 28	17 1	4 0	22 18	1 6	23 27	2 13	22 44	1 20	5 36	1 25	2 45	2 27	23 12	0 6	1 0	1 25	0 24	15 39	21 29	21 25	19 14	2 23	5 29
S 6	22 35	12 58	4 45	22 0	1 23	23 15	2 13	22 38	1 20	5 36	1 25	2 44	2 27	23 12	0 6	1 0	1 25	0 24	15 39	21 29	21 25	19 13	2 23	5 30
S 7	22 41	8 15	5 11	21 42	1 41	23 2	2 13	22 31	1 19	5 35	1 24	2 44	2 27	23 13	0 6	1 1	1 25	0 25	15 39	21 29	21 24	19 12	2 23	5 30
M 8	22 47	3 12	5 17	21 24	1 58	22 48	2 13	22 24	1 19	5 35	1 24	2 44	2 26	23 13	0 6	1 1	1 25	0 25	15 39	21 29	21 24	19 10	2 22	5 30
T 9	22 53	1n52	5 5	21 6	2 15	22 34	2 12	22 17	1 19	5 35	1 24	2 43	2 26	23 13	0 6	1 1	1 25	0 25	15 39	21 29	21 23	19 9	2 22	5 30
W10	22 58	6 44	4 37	20 48	2 31	22 19	2 12	22 10	1 19	5 35	1 24	2 43	2 26	23 13	0 6	1 2	1 25	0 25	15 40	21 29	21 23	19 7	2 21	5 31
T 11	23 3	11 10	3 55	20 31	2 47	22 3	2 11	22 3	1 19	5 35	1 23	2 42	2 26	23 14	0 6	1 2	1 25	0 25	15 40	21 29	21 22	19 6	2 21	5 31
F 12	23 7	15 1	3 2	20 14	3 2	21 48	2 10	21 55	1 18	5 35	1 23	2 41	2 26	23 14	0 6	1 2	1 26	0 25	15 40	21 29	21 21	19 4	2 21	5 31
S 13	23 11	18 7	2 1	19 58	3 17	21 31	2 10	21 47	1 18	5 35	1 23	2 41	2 25	23 14	0 6	1 3	1 26	0 26	15 40	21 29	21 21	19 3	2 20	5 31
S 14	23 14	20 21	0 56	19 43	3 30	21 14	2 9	21 40	1 18	5 35	1 23	2 40	2 25	23 14	0 6	1 3	1 26	0 26	15 40	21 29	21 20	19 1	2 20	5 32
M15	23 17	21 37	0s10	19 29	3 42	20 57	2 7	21 32	1 18	5 35	1 22	2 39	2 25	23 15	0 6	1 3	1 26	0 26	15 40	21 29	21 20	19 0	2 20	5 32
T 16	23 20	21 53	1 16	19 15	3 53	20 39	2 6	21 23	1 18	5 36	1 22	2 38	2 25	23 15	0 6	1 3	1 26	0 26	15 41	21 29	21 19	18 58	2 20	5 32
W17	23 22	21 8	2 18	19 4	4 3	20 20	2 5	21 15	1 17	5 36	1 22	2 38	2 24	23 15	0 6	1 4	1 26	0 26	15 41	21 29	21 19	18 57	2 20	5 32
T 18	23 24	19 28	3 13	18 53	4 11	20 1	2 3	21 7	1 17	5 36	1 21	2 37	2 24	23 15	0 6	1 4	1 26	0 26	15 41	21 29	21 18	18 55	2 19	5 33
F 19	23 26	16 58	4 0	18 44	4 18	19 42	2 2	20 58	1 17	5 37	1 21	2 36	2 24	23 16	0 6	1 4	1 26	0 26	15 41	21 28	21 18	18 54	2 19	5 33
S 20	23 27	13 46	4 36	18 37	4 24	19 22	2 0	20 50	1 17	5 38	1 21	2 35	2 24	23 16	0 6	1 4	1 26	0 26	15 41	21 28	21 17	18 52	2 19	5 33
S 21	23 27	10 1	5 1	18 31	4 28	19 2	1 58	20 41	1 17	5 38	1 21	2 34	2 24	23 16	0 6	1 5	1 26	0 26	15 42	21 27	21 17	18 51	2 19	5 34
M22	23 27	5 50	5 13	18 27	4 31	18 41	1 56	20 32	1 16	5 39	1 20	2 33	2 23	23 16	0 6	1 5	1 26	0 27	15 42	21 26	21 16	18 49	2 19	5 34
T 23	23 27	1 22	5 12	18 24	4 32	18 20	1 54	20 23	1 16	5 40	1 20	2 32	2 23	23 17	0 6	1 5	1 26	0 27	15 42	21 26	21 15	18 48	2 19	5 34
W24	23 26	3s15	4 55	18 24	4 32	17 59	1 52	20 14	1 16	5 41	1 20	2 31	2 23	23 17	0 6	1 5	1 26	0 27	15 42	21 26	21 15	18 46	2 19	5 34
T 25	23 25	7 50	4 24	18 25	4 31	17 37	1 50	20 4	1 16	5 41	1 20	2 30	2 23	23 17	0 6	1 5	1 26	0 27	15 43	21 26	21 14	18 45	2 19	5 35
F 26	23 24	12 13	3 39	18 27	4 28	17 15	1 47	19 55	1 16	5 42	1 19	2 28	2 22	23 17	0 6	1 5	1 26	0 27	15 43	21 26	21 14	18 43	2 19	5 35
S 27	23 22	16 7	2 39	18 32	4 24	16 52	1 45	19 45	1 15	5 44	1 19	2 27	2 22	23 18	0 6	1 5	1 26	0 27	15 43	21 26	21 13	18 42	2 19	5 35
S 28	23 20	19 15	1 29	18 37	4 19	16 30	1 42	19 35	1 15	5 45	1 19	2 26	2 22	23 18	0 6	1 6	1 26	0 27	15 43	21 27	21 13	18 40	2 19	5 35
M29	23 17	21 16	0 11	18 45	4 13	16 6	1 39	19 25	1 15	5 46	1 18	2 25	2 22	23 18	0 6	1 6	1 26	0 27	15 43	21 27	21 12	18 39	2 19	5 36
T 30	23n14	21s53	1n10	18n53	4s 6	15n43	1n36	19n15	1n15	5s47	1n18	2n23	2n22	23n18	0n 6	1n 6	1s27	0n27	15s44	21s27	21s11	18n37	2s19	5n36

Julian Day Number = 2401657.5, Delta T = 8.87 sec
Ecliptic obliquity = 23°27'21, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°49'59, Lahiri = 21°56'59

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ASTRODIENST EPHEMERIS for the year 1863
geocentric

JULY 1863 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 34 12	8♋37'08	4♑36	19♊ 9	23♌ 2	9♌29	17♎51	29♍29	21♊55	6♈ 6	12♉ 2	6°R40	5♐12	18♋55	10°R51	W 1
T 2	18 38 9	9°34'19	19°50	19°39	24° 5	10° 6	17°54	29°32	21°59	6° 6	12° 3	6♐37	5° 9	19° 2	10♓50	T 2
F 3	18 42 6	10°31'29	5♒ 2	20°13	25° 9	10°43	17°57	29°35	22° 2	6° 6	12° 4	6°33	5° 5	19° 9	10°49	F 3
S 4	18 46 2	11°28'40	20° 2	20°52	26°12	11°21	18° 0	29°38	22° 5	6° 6	12° 5	6°28	5° 2	19°15	10°48	S 4
S 5	18 49 59	12°25'51	4♓42	21°36	27°14	11°58	18° 4	29°41	22° 9	6° 6	12° 5	6°23	4°59	19°22	10°47	S 5
M 6	18 53 55	13°23'02	18°57	22°25	28°17	12°35	18° 7	29°45	22°12	6° 7	12° 6	6°20	4°56	19°29	10°45	M 6
T 7	18 57 52	14°20'13	2♈44	23°19	29°19	13°13	18°11	29°48	22°16	6° 7	12° 7	6°17	4°53	19°35	10°44	T 7
W 8	19 1 48	15°17'25	16° 4	24°17	0♍21	13°50	18°15	29°51	22°19	6° 7	12° 8	6°D17	4°49	19°42	10°43	W 8
T 9	19 5 45	16°14'38	28°59	25°19	1°23	14°27	18°19	29°55	22°22	6° 7	12° 8	6°17	4°46	19°49	10°42	T 9
F 10	19 9 41	17°11'50	11♉34	26°26	2°24	15° 5	18°23	29°59	22°26	6°R 7	12° 9	6°19	4°43	19°55	10°40	F 10
S 11	19 13 38	18° 9'04	23°52	27°38	3°26	15°42	18°28	0♎ 2	22°29	6° 7	12°10	6°20	4°40	20° 2	10°39	S 11
S 12	19 17 35	19° 6'18	5♊58	28°54	4°26	16°20	18°32	0° 6	22°32	6° 7	12°10	6°R21	4°37	20° 9	10°37	S 12
M13	19 21 31	20° 3'32	17°55	0♋14	5°27	16°57	18°37	0°10	22°36	6° 7	12°11	6°20	4°34	20°16	10°36	M13
T 14	19 25 28	21° 0'47	29°47	1°38	6°27	17°35	18°42	0°14	22°39	6° 7	12°11	6°18	4°30	20°22	10°34	T 14
W15	19 29 24	21°58'02	11♋36	3° 6	7°27	18°12	18°47	0°18	22°42	6° 6	12°12	6°13	4°27	20°29	10°33	W15
T 16	19 33 21	22°55'18	23°25	4°39	8°26	18°50	18°52	0°22	22°45	6° 6	12°13	6° 6	4°24	20°36	10°31	T 16
F 17	19 37 17	23°52'34	5♌16	6°15	9°26	19°27	18°58	0°27	22°48	6° 6	12°13	5°58	4°21	20°42	10°29	F 17
S 18	19 41 14	24°49'50	17°11	7°56	10°24	20° 5	19° 3	0°31	22°52	6° 6	12°14	5°49	4°18	20°49	10°27	S 18
S 19	19 45 11	25°47'07	29°10	9°39	11°23	20°42	19° 9	0°35	22°55	6° 5	12°14	5°40	4°15	20°56	10°26	S 19
M20	19 49 7	26°44'24	11♍17	11°26	12°21	21°20	19°14	0°40	22°58	6° 5	12°15	5°31	4°11	21° 2	10°24	M20
T 21	19 53 4	27°41'41	23°33	13°17	13°18	21°57	19°20	0°44	23° 1	6° 5	12°15	5°25	4° 8	21° 9	10°22	T 21
W22	19 57 0	28°38'59	6♎ 2	15°10	14°15	22°35	19°27	0°49	23° 4	6° 4	12°16	5°20	4° 5	21°16	10°20	W22
T 23	20 0 57	29°36'17	18°46	17° 6	15°12	23°12	19°33	0°54	23° 7	6° 4	12°16	5°18	4° 2	21°22	10°18	T 23
F 24	20 4 53	0♌33'36	1♏49	19° 4	16° 8	23°50	19°39	0°59	23°10	6° 4	12°16	5°D17	3°59	21°29	10°16	F 24
S 25	20 8 50	1°30'55	15°14	21° 5	17° 4	24°28	19°46	1° 3	23°13	6° 3	12°17	5°18	3°55	21°36	10°14	S 25
S 26	20 12 46	2°28'14	29° 4	23° 7	17°59	25° 5	19°52	1° 8	23°16	6° 3	12°17	5°R18	3°52	21°42	10°12	S 26
M27	20 16 43	3°25'34	13♐20	25°10	18°54	25°43	19°59	1°13	23°19	6° 2	12°18	5°18	3°49	21°49	10°10	M27
T 28	20 20 40	4°22'55	28° 0	27°15	19°48	26°21	20° 6	1°18	23°22	6° 1	12°18	5°16	3°46	21°56	10° 7	T 28
W29	20 24 36	5°20'16	13♑ 0	29°20	20°42	26°58	20°13	1°23	23°25	6° 1	12°18	5°12	3°43	22° 3	10° 5	W29
T 30	20 28 33	6°17'37	28°13	1♌26	21°35	27°36	20°20	1°29	23°28	6° 0	12°19	5° 6	3°40	22° 9	10° 3	T 30
F 31	20 32 29	7♌15'00	13♒28	3♌32	22♍27	28♌14	20♎27	1♎34	23♊30	6♈ 0	12♉19	4♐57	3♐36	22♋16	10♓ 1	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n11	20s56	2n27	19n 3	3s59	15n19	1n33	19n 5	1n14	5s48	1n18	2n22	2n21	23n18	0n 6	1n 6	1s27	0n27	15s44	21s26	21s11	18n35	2s19	5n36
T 2	23 7	18 28	3 34	19 14	3 50	14 55	1 30	18 55	1 14	5 50	1 18	2 21	2 21	23 19	0 6	1 6	1 27	0 27	15 44	21 26	21 10	18 34	2 19	5 36
F 3	23 2	14 43	4 26	19 26	3 40	14 31	1 27	18 45	1 14	5 51	1 17	2 19	2 21	23 19	0 6	1 6	1 27	0 27	15 44	21 25	21 10	18 32	2 19	5 37
S 4	22 58	10 5	4 59	19 39	3 30	14 6	1 23	18 34	1 14	5 53	1 17	2 18	2 21	23 19	0 6	1 6	1 27	0 27	15 45	21 24	21 9	18 31	2 20	5 37
S 5	22 52	4 57	5 11	19 52	3 20	13 41	1 20	18 23	1 13	5 54	1 17	2 16	2 21	23 19	0 6	1 6	1 27	0 27	15 45	21 23	21 9	18 29	2 20	5 37
M 6	22 47	0n17	5 4	20 6	3 8	13 16	1 16	18 13	1 13	5 56	1 17	2 15	2 20	23 20	0 6	1 6	1 27	0 27	15 45	21 23	21 8	18 28	2 20	5 37
T 7	22 41	5 21	4 39	20 21	2 57	12 50	1 12	18 2	1 13	5 58	1 16	2 13	2 20	23 20	0 6	1 6	1 27	0 27	15 45	21 22	21 7	18 26	2 20	5 37
W 8	22 35	10 1	4 0	20 36	2 44	12 25	1 8	17 51	1 13	5 59	1 16	2 12	2 20	23 20	0 6	1 6	1 27	0 27	15 46	21 22	21 7	18 25	2 21	5 38
T 9	22 28	14 4	3 9	20 51	2 32	11 59	1 4	17 40	1 12	6 1	1 16	2 10	2 20	23 20	0 6	1 6	1 27	0 27	15 46	21 22	21 6	18 23	2 21	5 38
F 10	22 21	17 23	2 11	21 6	2 19	11 33	0 59	17 28	1 12	6 3	1 16	2 9	2 20	23 20	0 6	1 6	1 27	0 27	15 46	21 23	21 6	18 21	2 21	5 38
S 11	22 13	19 50	1 7	21 20	2 6	11 7	0 55	17 17	1 12	6 5	1 15	2 7	2 19	23 21	0 6	1 6	1 27	0 26	15 47	21 23	21 5	18 20	2 21	5 38
S 12	22 6	21 21	0 2	21 35	1 52	10 40	0 51	17 6	1 12	6 7	1 15	2 5	2 19	23 21	0 6	1 6	1 27	0 26	15 47	21 23	21 5	18 18	2 22	5 39
M13	21 57	21 52	1s 2	21 48	1 39	10 14	0 46	16 54	1 11	6 9	1 15	2 3	2 19	23 21	0 6	1 6	1 27	0 26	15 47	21 23	21 4	18 17	2 22	5 39
T 14	21 49	21 24	2 3	22 1	1 26	9 47	0 41	16 42	1 11	6 11	1 15	2 2	2 19	23 21	0 6	1 6	1 27	0 26	15 47	21 22	21 3	18 15	2 23	5 39
W15	21 40	19 59	2 59	22 13	1 12	9 20	0 36	16 31	1 11	6 13	1 14	2 0	2 19	23 21	0 6	1 5	1 27	0 26	15 48	21 22	21 3	18 14	2 23	5 39
T 16	21 30	17 42	3 46	22 24	0 59	8 53	0 31	16 19	1 11	6 15	1 14	1 58	2 18	23 22	0 6	1 5	1 27	0 26	15 48	21 20	21 2	18 12	2 23	5 39
F 17	21 21	14 41	4 24	22 33	0 45	8 26	0 26	16 7	1 10	6 18	1 14	1 56	2 18	23 22	0 6	1 5	1 27	0 26	15 48	21 19	21 2	18 10	2 24	5 40
S 18	21 11	11 5	4 51	22 41	0 32	7 59	0 20	15 55	1 10	6 20	1 14	1 54	2 18	23 22	0 6	1 5	1 27	0 26	15 49	21 17	21 1	18 9	2 24	5 40
S 19	21 0	7 1	5 5	22 47	0 19	7 32	0 15	15 42	1 10	6 22	1 13	1 52	2 18	23 22	0 6	1 5	1 28	0 26	15 49	21 16	21 0	18 7	2 25	5 40
M20	20 49	2 38	5 5	22 51	0 7	7 5	0 9	15 30	1 10	6 25	1 13	1 50	2 18	23 22	0 6	1 5	1 28	0 25	15 49	21 14	21 0	18 6	2 25	5 40
T 21	20 38	1s54	4 51	22 53	0n 5	6 37	0 3	15 18	1 9	6 27	1 13	1 48	2 17	23 22	0 6	1 4	1 28	0 25	15 49	21 13	20 59	18 4	2 26	5 40
W22	20 27	6 26	4 24	22 52	0 17	6 10	0s 3	15 5	1 9	6 30	1 13	1 46	2 17	23 23	0 6	1 4	1 28	0 25	15 50	21 12	20 59	18 2	2 27	5 41
T 23	20 15	10 48	3 43	22 49	0 28	5 42	0 9	14 52	1 9	6 32	1 12	1 44	2 17	23 23	0 6	1 4	1 28	0 25	15 50	21 12	20 58	18 1	2 27	5 41
F 24	20 3	14 46	2 50	22 44	0 38	5 15	0 15	14 40	1 8	6 35	1 12	1 42	2 17	23 23	0 6	1 4	1 28	0 25	15 50	21 12	20 58	17 59	2 28	5 41
S 25	19 50	18 6	1 46	22 36	0 48	4 47	0 21	14 27	1 8	6 37	1 12	1 40	2 17	23 23	0 6	1 4	1 28	0 25	15 51	21 12	20 57	17 58	2 28	5 41
S 26	19 37	20 30	0 33	22 25	0 57	4 20	0 28	14 14	1 8	6 40	1 12	1 38	2 17	23 23	0 6	1 3	1 28	0 24	15 51	21 12	20 56	17 56	2 29	5 41
M27	19 24	21 42	0n43	22 11	1 6	3 52	0 34	14 1	1 8	6 43	1 11	1 36	2 16	23 23	0 6	1 3	1 28	0 24	15 51	21 12	20 56	17 54	2 30	5 41
T 28	19 11	21 28	1 58	21 55	1 13	3 25	0 41	13 48	1 7	6 46	1 11	1 34	2 16	23 24	0 6	1 3	1 28	0 24	15 51	21 12	20 55	17 53	2 30	5 41
W29	18 57	19 43	3 7	21 37	1 20	2 57	0 48	13 35	1 7	6 49	1 11	1 32	2 16	23 24	0 6	1 3	1 28	0 24	15 52	21 11	20 55	17 51	2 31	5 42
T 30	18 43	16 33	4 4	21 15	1 26	2 30	0 55	13 22	1 7	6 52	1 11	1 29	2 16	23 24	0 6	1 2	1 28	0 24	15 52	21 10	20 54	17 49	2 32	5 42
F 31	18n28	12s16	4n43	20n52	1n31	2n 3	1s 2	13n 8	1n 6	6s54	1n10	1n27	2n16	23n24	0n 6	1n 2	1s28	0n23	15s52	21s 8	20s53	17n48	2s32	5n42

Julian Day Number = 2401687.5, Delta T = 8.86 sec
Ecliptic obliquity = 23°27'21, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°50'03, Lahiri = 21°57'03

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ASTRODIENST EPHEMERIS for the year 1863
geocentric

AUGUST 1863 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 36 26	8♌12'23	28♒35	5♌37	23♍19	28♌52	20♎35	1♎39	23♊33	5°R59	12♉19	4°R48	3♐33	22♋23	9°R58	S 1
S 2	20 40 22	9° 9'47	13♓24	7°43	24°10	29°29	20°42	1°45	23°36	5♈58	12°19	4♐39	3°30	22°29	9♓56	S 2
M 3	20 44 19	10° 7'13	27°48	9°48	25° 1	0♍ 7	20°50	1°50	23°39	5°57	12°19	4°31	3°27	22°36	9°53	M 3
T 4	20 48 15	11° 4'39	11♈42	11°51	25°50	0°45	20°58	1°56	23°41	5°57	12°20	4°26	3°24	22°43	9°51	T 4
W 5	20 52 12	12° 2'07	25° 7	13°54	26°40	1°23	21° 6	2° 1	23°44	5°56	12°20	4°23	3°21	22°49	9°49	W 5
T 6	20 56 8	12°59'36	8♉ 4	15°56	27°28	2° 1	21°14	2° 7	23°47	5°55	12°20	4°D21	3°17	22°56	9°46	T 6
F 7	21 0 5	13°57'07	20°38	17°57	28°16	2°38	21°22	2°12	23°49	5°54	12°20	4°21	3°14	23° 3	9°44	F 7
S 8	21 4 2	14°54'38	2♊53	19°57	29° 3	3°16	21°30	2°18	23°52	5°53	12°20	4°R22	3°11	23° 9	9°41	S 8
S 9	21 7 58	15°52'12	14°55	21°55	29°49	3°54	21°39	2°24	23°54	5°52	12°20	4°21	3° 8	23°16	9°38	S 9
M10	21 11 55	16°49'46	26°48	23°52	0♎34	4°32	21°47	2°30	23°57	5°51	12°20	4°19	3° 5	23°23	9°36	M10
T 11	21 15 51	17°47'22	8♋37	25°47	1°18	5°10	21°56	2°36	23°59	5°51	12°20	4°14	3° 1	23°30	9°33	T 11
W12	21 19 48	18°45'00	20°26	27°41	2° 2	5°48	22° 4	2°42	24° 2	5°50	12°20	4° 7	2°58	23°36	9°31	W12
T 13	21 23 44	19°42'38	2♌17	29°33	2°44	6°26	22°13	2°48	24° 4	5°49	12°R20	3°57	2°55	23°43	9°28	T 13
F 14	21 27 41	20°40'18	14°12	1♍24	3°26	7° 4	22°22	2°54	24° 6	5°47	12°20	3°45	2°52	23°50	9°25	F 14
S 15	21 31 38	21°38'00	26°14	3°14	4° 7	7°42	22°31	3° 0	24° 9	5°46	12°20	3°32	2°49	23°56	9°22	S 15
S 16	21 35 34	22°35'42	8♍23	5° 2	4°46	8°20	22°40	3° 6	24°11	5°45	12°20	3°18	2°46	24° 3	9°20	S 16
M17	21 39 31	23°33'26	20°41	6°49	5°25	8°58	22°50	3°12	24°13	5°44	12°20	3° 6	2°42	24°10	9°17	M17
T 18	21 43 27	24°31'11	3♎ 7	8°34	6° 2	9°36	22°59	3°19	24°15	5°43	12°20	2°56	2°39	24°16	9°14	T 18
W19	21 47 24	25°28'57	15°45	10°18	6°38	10°14	23° 9	3°25	24°17	5°42	12°20	2°48	2°36	24°23	9°11	W19
T 20	21 51 20	26°26'44	28°35	12° 0	7°13	10°53	23°18	3°31	24°19	5°41	12°20	2°43	2°33	24°30	9° 9	T 20
F 21	21 55 17	27°24'33	11♏40	13°41	7°46	11°31	23°28	3°38	24°21	5°40	12°20	2°41	2°30	24°36	9° 6	F 21
S 22	21 59 13	28°22'22	25° 3	15°21	8°18	12° 9	23°38	3°44	24°23	5°38	12°19	2°40	2°27	24°43	9° 3	S 22
S 23	22 3 10	29°20'13	8♐45	16°59	8°49	12°47	23°47	3°51	24°25	5°37	12°19	2°40	2°23	24°50	9° 0	S 23
M24	22 7 6	0♍18'05	22°49	18°36	9°19	13°25	23°57	3°57	24°27	5°36	12°19	2°40	2°20	24°57	8°57	M24
T 25	22 11 3	1°15'59	7♑13	20°12	9°46	14° 4	24° 7	4° 4	24°29	5°34	12°19	2°37	2°17	25° 3	8°54	T 25
W26	22 15 0	2°13'54	21°57	21°46	10°13	14°42	24°18	4°10	24°31	5°33	12°19	2°32	2°14	25°10	8°51	W26
T 27	22 18 56	3°11'49	6♒54	23°19	10°37	15°20	24°28	4°17	24°33	5°32	12°18	2°24	2°11	25°17	8°49	T 27
F 28	22 22 53	4° 9'47	21°57	24°51	11° 0	15°58	24°38	4°24	24°35	5°30	12°18	2°14	2° 7	25°23	8°46	F 28
S 29	22 26 49	5° 7'45	6♓55	26°21	11°21	16°37	24°48	4°31	24°36	5°29	12°18	2° 3	2° 4	25°30	8°43	S 29
S 30	22 30 46	6° 5'46	21°40	27°50	11°41	17°15	24°59	4°37	24°38	5°28	12°17	1°52	2° 1	25°37	8°40	S 30
M31	22 34 42	7♍ 3'48	6♈ 3	29♍17	11♎58	17♍53	25♎ 9	4♎44	24♊39	5♈26	12♉17	1♐42	1♐58	25♋43	8♓37	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n14	7s15	5n 2	20n25	1n36	1n36	1s 9	12n55	1n 6	6s57	1n10	1n25	2n16	23n24	0n 6	1n 2	1s28	0n23	15s53	21s 7	20s53	17n46	2s33	5n42
S 2	17 59	1 54	5 0	19 57	1 39	1 9	1 17	12 41	1 6	7 1	1 10	1 23	2 16	23 24	0 6	1 1	1 28	0 23	15 53	21 5	20 52	17 45	2 34	5 42
M 3	17 43	3n24	4 39	19 27	1 42	0 42	1 24	12 28	1 6	7 4	1 10	1 20	2 15	23 25	0 6	1 1	1 28	0 23	15 53	21 4	20 52	17 43	2 35	5 42
T 4	17 28	8 21	4 2	18 55	1 44	0 15	1 32	12 14	1 5	7 7	1 10	1 18	2 15	23 25	0 6	1 1	1 28	0 23	15 54	21 3	20 51	17 41	2 36	5 42
W 5	17 12	12 43	3 13	18 21	1 46	0s12	1 40	12 0	1 5	7 10	1 9	1 16	2 15	23 25	0 6	1 0	1 28	0 22	15 54	21 2	20 50	17 40	2 36	5 42
T 6	16 56	16 20	2 15	17 45	1 46	0 39	1 48	11 46	1 5	7 13	1 9	1 13	2 15	23 25	0 6	1 0	1 28	0 22	15 54	21 2	20 50	17 38	2 37	5 43
F 7	16 39	19 5	1 12	17 9	1 46	1 5	1 56	11 32	1 4	7 16	1 9	1 11	2 15	23 25	0 6	1 0	1 29	0 22	15 55	21 2	20 49	17 36	2 38	5 43
S 8	16 22	20 53	0 8	16 30	1 45	1 31	2 4	11 19	1 4	7 20	1 9	1 9	2 15	23 25	0 6	0 59	1 29	0 22	15 55	21 2	20 48	17 35	2 39	5 43
S 9	16 5	21 41	0s56	15 51	1 44	1 57	2 13	11 4	1 4	7 23	1 9	1 6	2 15	23 25	0 6	0 59	1 29	0 21	15 55	21 2	20 48	17 33	2 40	5 43
M10	15 48	21 29	1 56	15 11	1 42	2 23	2 21	10 50	1 3	7 26	1 8	1 4	2 14	23 25	0 6	0 58	1 29	0 21	15 55	21 1	20 47	17 31	2 41	5 43
T 11	15 31	20 20	2 51	14 30	1 40	2 49	2 30	10 36	1 3	7 30	1 8	1 1	2 14	23 26	0 6	0 58	1 29	0 21	15 56	21 0	20 47	17 30	2 42	5 43
W12	15 13	18 18	3 39	13 48	1 37	3 14	2 39	10 22	1 3	7 33	1 8	0 59	2 14	23 26	0 6	0 57	1 29	0 20	15 56	20 59	20 46	17 28	2 42	5 43
T 13	14 55	15 30	4 16	13 5	1 33	3 39	2 48	10 7	1 2	7 37	1 8	0 56	2 14	23 26	0 6	0 57	1 29	0 20	15 56	20 57	20 45	17 26	2 43	5 43
F 14	14 37	12 3	4 43	12 22	1 29	4 4	2 57	9 53	1 2	7 40	1 8	0 54	2 14	23 26	0 6	0 57	1 29	0 20	15 57	20 55	20 45	17 25	2 44	5 43
S 15	14 18	8 6	4 58	11 39	1 25	4 29	3 6	9 39	1 2	7 44	1 7	0 51	2 14	23 26	0 6	0 56	1 29	0 20	15 57	20 52	20 44	17 23	2 45	5 43
S 16	14 0	3 48	4 59	10 55	1 20	4 53	3 15	9 24	1 2	7 47	1 7	0 49	2 14	23 26	0 6	0 56	1 29	0 19	15 57	20 50	20 44	17 21	2 46	5 43
M17	13 41	0s42	4 47	10 10	1 15	5 17	3 24	9 9	1 1	7 51	1 7	0 46	2 14	23 26	0 7	0 55	1 29	0 19	15 58	20 47	20 43	17 20	2 47	5 43
T 18	13 21	5 13	4 20	9 26	1 9	5 40	3 34	8 55	1 1	7 54	1 7	0 43	2 13	23 26	0 7	0 55	1 29	0 19	15 58	20 46	20 42	17 18	2 48	5 43
W19	13 2	9 36	3 41	8 41	1 3	6 3	3 44	8 40	1 1	7 58	1 7	0 41	2 13	23 26	0 7	0 54	1 29	0 18	15 58	20 44	20 42	17 16	2 49	5 43
T 20	12 43	13 37	2 50	7 57	0 57	6 26	3 53	8 25	1 0	8 2	1 6	0 38	2 13	23 27	0 7	0 54	1 29	0 18	15 58	20 43	20 41	17 15	2 50	5 43
F 21	12 23	17 4	1 49	7 12	0 51	6 48	4 3	8 10	1 0	8 6	1 6	0 36	2 13	23 27	0 7	0 53	1 29	0 18	15 59	20 43	20 40	17 13	2 51	5 43
S 22	12 3	19 41	0 40	6 27	0 44	7 10	4 13	7 56	1 0	8 9	1 6	0 33	2 13	23 27	0 7	0 53	1 29	0 17	15 59	20 43	20 40	17 11	2 52	5 43
S 23	11 43	21 15	0n32	5 43	0 37	7 31	4 23	7 41	0 59	8 13	1 6	0 30	2 13	23 27	0 7	0 52	1 29	0 17	15 59	20 43	20 39	17 9	2 53	5 43
M24	11 22	21 31	1 44	4 58	0 30	7 52	4 33	7 26	0 59	8 17	1 6	0 28	2 13	23 27	0 7	0 52	1 29	0 17	16 0	20 42	20 39	17 8	2 55	5 43
T 25	11 2	20 24	2 52	4 14	0 23	8 12	4 43	7 11	0 59	8 21	1 6	0 25	2 13	23 27	0 7	0 51	1 29	0 16	16 0	20 42	20 38	17 6	2 56	5 43
W26	10 41	17 54	3 49	3 30	0 15	8 32	4 53	6 56	0 58	8 25	1 5	0 22	2 13	23 27	0 7	0 50	1 29	0 16	16 0	20 41	20 37	17 4	2 57	5 43
T 27	10 20	14 11	4 32	2 46	0 8	8 51	5 3	6 40	0 58	8 29	1 5	0 19	2 13	23 27	0 7	0 50	1 29	0 16	16 1	20 39	20 37	17 3	2 58	5 43
F 28	9 59	9 32	4 56	2 3	0s 0	9 10	5 14	6 25	0 58	8 33	1 5	0 17	2 12	23 27	0 7	0 49	1 29	0 15	16 1	20 37	20 36	17 1	2 59	5 43
S 29	9 38	4 20	4 59	1 20	0 8	9 27	5 24	6 10	0 57	8 36	1 5	0 14	2 12	23 27	0 7	0 49	1 29	0 15	16 1	20 35	20 35	16 59	3 0	5 43
S 30	9 17	1n 2	4 43	0 37	0 16	9 44	5 34	5 55	0 57	8 40	1 5	0 11	2 12	23 28	0 7	0 48	1 29	0 14	16 1	20 33	20 35	16 58	3 1	5 43
M31	8n55	6n13	4n 9	0s 6	0s25	10s 1	5s44	5n39	0n56	8s44	1n 5	0n 8	2n12	23n28	0n 7	0n48	1s29	0n14	16s 2	20s31	20s34	16n56	3s 2	5n43

Julian Day Number = 2401718.5, Delta T = 8.84 sec
Ecliptic obliquity = 23°27'21, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°50'07, Lahiri = 21°57'07

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ASTRODIENST EPHEMERIS for the year 1863
geocentric

SEPTEMBER 1863 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 38 39	8♍ 1'52	20♈ 0	0♎43	12♎14	18♍32	25♎20	4♎51	24♊41	5°R25	12°R16	1°R35	1♐55	25♋50	8°R34	T 1
W 2	22 42 35	8°59'58	3♉28	2° 8	12°28	19°10	25°31	4°58	24°43	5♈23	12♉16	1♐30	1°52	25°57	8♓31	W 2
T 3	22 46 32	9°58'05	16°29	3°31	12°39	19°49	25°42	5° 5	24°44	5°22	12°16	1°28	1°48	26° 3	8°28	T 3
F 4	22 50 29	10°56'15	29° 5	4°53	12°49	20°27	25°52	5°12	24°45	5°21	12°15	1°D27	1°45	26°10	8°25	F 4
S 5	22 54 25	11°54'27	11♊22	6°14	12°56	21° 6	26° 3	5°19	24°47	5°19	12°15	1°R27	1°42	26°17	8°22	S 5
S 6	22 58 22	12°52'41	23°24	7°33	13° 1	21°44	26°14	5°26	24°48	5°18	12°14	1°27	1°39	26°24	8°19	S 6
M 7	23 2 18	13°50'57	5♋18	8°50	13° 4	22°23	26°26	5°33	24°49	5°16	12°14	1°25	1°36	26°30	8°17	M 7
T 8	23 6 15	14°49'15	17° 7	10° 6	13°R 5	23° 1	26°37	5°40	24°51	5°15	12°13	1°21	1°32	26°37	8°14	T 8
W 9	23 10 11	15°47'35	28°57	11°20	13° 3	23°40	26°48	5°47	24°52	5°13	12°13	1°14	1°29	26°44	8°11	W 9
T 10	23 14 8	16°45'57	10♌52	12°33	12°59	24°19	26°59	5°54	24°53	5°11	12°12	1° 4	1°26	26°50	8° 8	T 10
F 11	23 18 4	17°44'21	22°54	13°43	12°53	24°57	27°11	6° 1	24°54	5°10	12°12	0°53	1°23	26°57	8° 5	F 11
S 12	23 22 1	18°42'46	5♍ 5	14°52	12°44	25°36	27°22	6° 8	24°55	5° 8	12°11	0°40	1°20	27° 4	8° 2	S 12
S 13	23 25 58	19°41'14	17°26	15°58	12°33	26°15	27°34	6°15	24°56	5° 7	12°10	0°27	1°17	27°10	7°59	S 13
M14	23 29 54	20°39'44	29°59	17° 3	12°20	26°54	27°45	6°23	24°57	5° 5	12°10	0°16	1°13	27°17	7°57	M14
T 15	23 33 51	21°38'15	12♎42	18° 5	12° 4	27°32	27°57	6°30	24°58	5° 3	12° 9	0° 6	1°10	27°24	7°54	T 15
W16	23 37 47	22°36'49	25°37	19° 5	11°46	28°11	28° 9	6°37	24°59	5° 2	12° 8	29♏59	1° 7	27°31	7°51	W16
T 17	23 41 44	23°35'24	8♏43	20° 2	11°26	28°50	28°20	6°44	24°59	5° 0	12° 8	29°54	1° 4	27°37	7°48	T 17
F 18	23 45 40	24°34'01	22° 0	20°56	11° 3	29°29	28°32	6°52	25° 0	4°59	12° 7	29°52	1° 1	27°44	7°45	F 18
S 19	23 49 37	25°32'39	5♐30	21°48	10°38	0♎ 8	28°44	6°59	25° 1	4°57	12° 6	29°D52	0°58	27°51	7°43	S 19
S 20	23 53 33	26°31'19	19°13	22°36	10°12	0°47	28°56	7° 6	25° 1	4°55	12° 6	29°53	0°54	27°57	7°40	S 20
M21	23 57 30	27°30'01	3♑11	23°20	9°43	1°26	29° 8	7°14	25° 2	4°54	12° 5	29°R53	0°51	28° 4	7°37	M21
T 22	0 1 27	28°28'45	17°23	24° 1	9°13	2° 5	29°20	7°21	25° 2	4°52	12° 4	29°51	0°48	28°11	7°35	T 22
W23	0 5 23	29°27'30	1♒48	24°38	8°41	2°44	29°32	7°28	25° 3	4°50	12° 3	29°47	0°45	28°17	7°32	W23
T 24	0 9 20	0♎26'17	16°22	25°10	8° 8	3°23	29°44	7°36	25° 3	4°49	12° 3	29°41	0°42	28°24	7°29	T 24
F 25	0 13 16	1°25'06	1♓ 0	25°37	7°33	4° 2	29°57	7°43	25° 4	4°47	12° 2	29°33	0°38	28°31	7°27	F 25
S 26	0 17 13	2°23'56	15°36	26° 0	6°58	4°41	0♏ 9	7°50	25° 4	4°45	12° 1	29°24	0°35	28°38	7°24	S 26
S 27	0 21 9	3°22'49	0♈ 2	26°16	6°22	5°20	0°21	7°58	25° 4	4°44	12° 0	29°15	0°32	28°44	7°22	S 27
M28	0 25 6	4°21'43	14°12	26°27	5°45	5°59	0°33	8° 5	25° 4	4°42	11°59	29° 8	0°29	28°51	7°19	M28
T 29	0 29 2	5°20'39	28° 0	26°R31	5° 8	6°38	0°46	8°12	25° 5	4°40	11°58	29° 2	0°26	28°58	7°17	T 29
W30	0 32 59	6♎19'38	11♉24	26♎29	4♎31	7♎17	0♏58	8♎20	25♊ 5	4♈39	11♉57	28♏58	0♐23	29♋ 4	7♓14	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n34	10n55	3n20	0s48	0s33	10s16	5s55	5n24	0n56	8s48	1n 4	0n 6	2n12	23n28	0n 7	0n47	1s29	0n14	16s 2	20s29	20s34	16n54	3s 3	5n43
W 2	8 12	14 54	2 22	1 29	0 41	10 31	6 5	5 9	0 56	8 53	1 4	0 3	2 12	23 28	0 7	0 46	1 30	0 13	16 2	20 29	20 33	16 52	3 4	5 43
T 3	7 50	18 2	1 18	2 10	0 50	10 45	6 15	4 53	0 55	8 57	1 4	0 0	2 12	23 28	0 7	0 46	1 30	0 13	16 3	20 28	20 32	16 51	3 6	5 43
F 4	7 28	20 10	0 13	2 50	0 58	10 58	6 25	4 38	0 55	9 1	1 4	0s 3	2 12	23 28	0 7	0 45	1 30	0 13	16 3	20 28	20 32	16 49	3 7	5 43
S 5	7 6	21 18	0s52	3 30	1 7	11 10	6 35	4 22	0 55	9 5	1 4	0 6	2 12	23 28	0 7	0 45	1 30	0 12	16 3	20 28	20 31	16 47	3 8	5 43
S 6	6 44	21 24	1 54	4 9	1 15	11 21	6 44	4 7	0 54	9 9	1 4	0 8	2 12	23 28	0 7	0 44	1 30	0 12	16 3	20 28	20 30	16 45	3 9	5 43
M 7	6 21	20 32	2 49	4 48	1 24	11 31	6 54	3 51	0 54	9 13	1 3	0 11	2 12	23 28	0 7	0 43	1 30	0 11	16 4	20 27	20 30	16 44	3 10	5 43
T 8	5 59	18 46	3 37	5 25	1 33	11 40	7 3	3 35	0 54	9 17	1 3	0 14	2 12	23 28	0 7	0 43	1 30	0 11	16 4	20 27	20 29	16 42	3 11	5 43
W 9	5 36	16 13	4 15	6 2	1 41	11 47	7 12	3 20	0 53	9 21	1 3	0 17	2 12	23 28	0 7	0 42	1 30	0 11	16 4	20 25	20 28	16 40	3 13	5 42
T 10	5 14	12 59	4 43	6 38	1 49	11 54	7 21	3 4	0 53	9 26	1 3	0 20	2 12	23 28	0 7	0 41	1 30	0 10	16 4	20 23	20 28	16 38	3 14	5 42
F 11	4 51	9 11	4 58	7 14	1 58	11 59	7 30	2 48	0 52	9 30	1 3	0 23	2 12	23 28	0 7	0 41	1 30	0 10	16 5	20 21	20 27	16 37	3 15	5 42
S 12	4 28	5 0	5 0	7 48	2 6	12 3	7 38	2 33	0 52	9 34	1 3	0 26	2 12	23 28	0 7	0 40	1 30	0 9	16 5	20 18	20 26	16 35	3 16	5 42
S 13	4 5	0 32	4 48	8 21	2 14	12 6	7 46	2 17	0 52	9 38	1 3	0 28	2 12	23 28	0 7	0 40	1 30	0 9	16 5	20 16	20 26	16 33	3 17	5 42
M14	3 42	4s 0	4 22	8 53	2 22	12 8	7 53	2 1	0 51	9 43	1 2	0 31	2 11	23 28	0 7	0 39	1 30	0 9	16 5	20 13	20 25	16 31	3 18	5 42
T 15	3 19	8 26	3 43	9 25	2 30	12 8	8 0	1 45	0 51	9 47	1 2	0 34	2 11	23 29	0 7	0 38	1 30	0 8	16 6	20 11	20 25	16 30	3 20	5 42
W16	2 56	12 34	2 51	9 55	2 38	12 6	8 6	1 30	0 51	9 51	1 2	0 37	2 11	23 29	0 7	0 38	1 30	0 8	16 6	20 10	20 24	16 28	3 21	5 42
T 17	2 33	16 9	1 50	10 23	2 45	12 3	8 12	1 14	0 50	9 55	1 2	0 40	2 11	23 29	0 7	0 37	1 30	0 7	16 6	20 9	20 23	16 26	3 22	5 41
F 18	2 10	18 57	0 42	10 50	2 53	11 59	8 17	0 58	0 50	10 0	1 2	0 43	2 11	23 29	0 7	0 36	1 30	0 7	16 6	20 8	20 23	16 24	3 23	5 41
S 19	1 46	20 45	0n30	11 16	3 0	11 53	8 21	0 42	0 49	10 4	1 2	0 46	2 11	23 29	0 7	0 36	1 30	0 6	16 7	20 8	20 22	16 23	3 24	5 41
S 20	1 23	21 20	1 41	11 40	3 6	11 46	8 25	0 26	0 49	10 8	1 2	0 49	2 11	23 29	0 7	0 35	1 30	0 6	16 7	20 8	20 21	16 21	3 25	5 41
M21	1 0	20 37	2 48	12 3	3 12	11 37	8 28	0 10	0 49	10 13	1 2	0 52	2 11	23 29	0 7	0 34	1 30	0 6	16 7	20 8	20 21	16 19	3 26	5 41
T 22	0 36	18 36	3 45	12 23	3 18	11 27	8 30	0s 5	0 48	10 17	1 1	0 54	2 11	23 29	0 7	0 34	1 30	0 5	16 7	20 8	20 20	16 17	3 28	5 41
W23	0 13	15 24	4 29	12 42	3 23	11 16	8 31	0 21	0 48	10 22	1 1	0 57	2 11	23 29	0 7	0 33	1 30	0 5	16 7	20 7	20 19	16 16	3 29	5 40
T 24	0s10	11 13	4 57	12 58	3 28	11 3	8 31	0 37	0 47	10 26	1 1	1 0	2 11	23 29	0 7	0 32	1 30	0 4	16 8	20 6	20 19	16 14	3 30	5 40
F 25	0 34	6 22	5 5	13 12	3 32	10 49	8 31	0 53	0 47	10 30	1 1	1 3	2 11	23 29	0 7	0 32	1 30	0 4	16 8	20 4	20 18	16 12	3 31	5 40
S 26	0 57	1 11	4 53	13 24	3 36	10 33	8 29	1 9	0 47	10 35	1 1	1 6	2 11	23 29	0 7	0 31	1 30	0 3	16 8	20 2	20 17	16 10	3 32	5 40
S 27	1 21	4n 1	4 22	13 32	3 39	10 17	8 27	1 25	0 46	10 39	1 1	1 9	2 11	23 29	0 7	0 30	1 30	0 3	16 8	20 0	20 17	16 8	3 33	5 40
M28	1 44	8 55	3 36	13 38	3 40	9 59	8 23	1 41	0 46	10 44	1 1	1 12	2 11	23 29	0 7	0 30	1 30	0 3	16 8	19 59	20 16	16 7	3 34	5 39
T 29	2 7	13 14	2 38	13 40	3 41	9 40	8 19	1 57	0 45	10 48	1 1	1 15	2 11	23 29	0 7	0 29	1 30	0 2	16 9	19 57	20 15	16 5	3 36	5 39
W30	2s31	16n44	1n33	13s39	3s41	9s21	8s14	2s12	0n45	10s52	1n 1	1s18	2n11	23n29	0n 7	0n28	1s30	0n 2	16s 9	19s57	20s15	16n 3	3s37	5n39

Julian Day Number = 2401749.5, Delta T = 8.82 sec
Ecliptic obliquity = 23°27'21, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°50'11, Lahiri = 21°57'12

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ASTRODIENST EPHEMERIS for the year 1863
geocentric

OCTOBER 1863 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 36 55	7♎18'39	24♉25	26°R19	3°R54	7♎57	1♏11	8♎27	25°R 5	4°R37	11°R57	28°D56	0♐19	29♋11	7°R12	T 1
F 2	0 40 52	8°17'42	7♊ 2	26♎ 1	3♎18	8°36	1°23	8°35	25♊ 5	4♈35	11♉56	28♏57	0°16	29°18	7♓10	F 2
S 3	0 44 49	9°16'48	19°22	25°36	2°43	9°15	1°36	8°42	25° 5	4°34	11°55	28°58	0°13	29°24	7° 7	S 3
S 4	0 48 45	10°15'56	1♋26	25° 3	2° 8	9°55	1°48	8°49	25° 4	4°32	11°54	28°59	0°10	29°31	7° 5	S 4
M 5	0 52 42	11°15'06	13°22	24°23	1°35	10°34	2° 1	8°57	25° 4	4°30	11°53	28°R59	0° 7	29°38	7° 3	M 5
T 6	0 56 38	12°14'18	25°13	23°34	1° 3	11°13	2°14	9° 4	25° 4	4°29	11°52	28°58	0° 3	29°45	7° 0	T 6
W 7	1 0 35	13°13'33	7♌ 5	22°39	0°32	11°53	2°26	9°12	25° 4	4°27	11°51	28°55	0° 0	29°51	6°58	W 7
T 8	1 4 31	14°12'50	19° 2	21°38	0° 3	12°32	2°39	9°19	25° 3	4°25	11°50	28°50	29♏57	29°58	6°56	T 8
F 9	1 8 28	15°12'09	1♍ 8	20°31	29♍37	13°12	2°52	9°26	25° 3	4°24	11°49	28°44	29°54	0♌ 5	6°54	F 9
S 10	1 12 24	16°11'30	13°27	19°21	29°12	13°51	3° 5	9°34	25° 3	4°22	11°48	28°36	29°51	0°11	6°52	S 10
S 11	1 16 21	17°10'54	26° 0	18° 9	28°49	14°31	3°18	9°41	25° 2	4°21	11°47	28°28	29°48	0°18	6°50	S 11
M12	1 20 18	18°10'20	8♎48	16°57	28°29	15°10	3°30	9°48	25° 2	4°19	11°46	28°21	29°44	0°25	6°48	M12
T 13	1 24 14	19° 9'47	21°51	15°47	28°10	15°50	3°43	9°56	25° 1	4°17	11°45	28°15	29°41	0°31	6°46	T 13
W14	1 28 11	20° 9'17	5♏ 7	14°42	27°55	16°30	3°56	10° 3	25° 0	4°16	11°44	28°11	29°38	0°38	6°44	W14
T 15	1 32 7	21° 8'49	18°37	13°42	27°41	17° 9	4° 9	10°10	25° 0	4°14	11°43	28° 9	29°35	0°45	6°42	T 15
F 16	1 36 4	22° 8'23	2♐17	12°51	27°30	17°49	4°22	10°18	24°59	4°13	11°42	28°D 9	29°32	0°52	6°40	F 16
S 17	1 40 0	23° 7'59	16° 6	12° 8	27°21	18°29	4°35	10°25	24°58	4°11	11°41	28°10	29°29	0°58	6°39	S 17
S 18	1 43 57	24° 7'36	0♑ 3	11°36	27°15	19° 9	4°48	10°32	24°57	4° 9	11°40	28°11	29°25	1° 5	6°37	S 18
M19	1 47 53	25° 7'16	14° 7	11°15	27°12	19°49	5° 1	10°39	24°56	4° 8	11°39	28°13	29°22	1°12	6°35	M19
T 20	1 51 50	26° 6'57	28°16	11°D 5	27°D10	20°28	5°14	10°47	24°55	4° 6	11°38	28°R13	29°19	1°18	6°34	T 20
W21	1 55 47	27° 6'39	12♒28	11° 6	27°11	21° 8	5°27	10°54	24°54	4° 5	11°37	28°12	29°16	1°25	6°32	W21
T 22	1 59 43	28° 6'24	26°42	11°18	27°15	21°48	5°40	11° 1	24°53	4° 3	11°35	28°10	29°13	1°32	6°31	T 22
F 23	2 3 40	29° 6'09	10♓55	11°41	27°21	22°28	5°53	11° 8	24°52	4° 2	11°34	28° 6	29° 9	1°39	6°29	F 23
S 24	2 7 36	0♏ 5'57	25° 2	12°13	27°29	23° 8	6° 6	11°15	24°51	4° 0	11°33	28° 2	29° 6	1°45	6°28	S 24
S 25	2 11 33	1° 5'46	9♈ 0	12°54	27°39	23°48	6°19	11°23	24°50	3°59	11°32	27°58	29° 3	1°52	6°26	S 25
M26	2 15 29	2° 5'38	22°45	13°44	27°51	24°28	6°33	11°30	24°49	3°58	11°31	27°54	29° 0	1°59	6°25	M26
T 27	2 19 26	3° 5'31	6♉13	14°40	28° 6	25° 8	6°46	11°37	24°48	3°56	11°30	27°52	28°57	2° 5	6°24	T 27
W28	2 23 22	4° 5'26	19°24	15°44	28°23	25°49	6°59	11°44	24°46	3°55	11°29	27°50	28°54	2°12	6°23	W28
T 29	2 27 19	5° 5'23	2♊16	16°52	28°41	26°29	7°12	11°51	24°45	3°53	11°28	27°D50	28°50	2°19	6°22	T 29
F 30	2 31 16	6° 5'22	14°51	18° 6	29° 2	27° 9	7°25	11°58	24°43	3°52	11°27	27°51	28°47	2°25	6°20	F 30
S 31	2 35 12	7♏ 5'24	27♊ 9	19♎24	29♍24	27♎49	7♏38	12♎ 5	24♊42	3♈51	11♉25	27♏52	28♏44	2♌32	6♓19	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s54	19n17	0n24	13s34	3s39	9s 1	8s 8	2s28	0n44	10s57	1n 0	1s21	2n11	23n29	0n 7	0n28	1s30	0n 1	16s 9	19s56	20s14	16n 1	3s38	5n39
F 2	3 18	20 47	0s44	13 24	3 36	8 40	8 1	2 44	0 44	11 1	1 0	1 23	2 11	23 29	0 7	0 27	1 30	0 1	16 9	19 56	20 13	15 59	3 39	5 38
S 3	3 41	21 14	1 48	13 11	3 31	8 18	7 53	3 0	0 44	11 6	1 0	1 26	2 11	23 29	0 7	0 26	1 30	0 1	16 9	19 56	20 13	15 58	3 40	5 38
S 4	4 4	20 41	2 46	12 53	3 25	7 57	7 44	3 16	0 43	11 10	1 0	1 29	2 11	23 29	0 7	0 26	1 30	0 0	16 9	19 57	20 12	15 56	3 41	5 38
M 5	4 27	19 12	3 36	12 31	3 17	7 35	7 35	3 32	0 43	11 15	1 0	1 32	2 11	23 29	0 7	0 25	1 30	0s 0	16 10	19 57	20 11	15 54	3 42	5 38
T 6	4 50	16 54	4 17	12 4	3 7	7 13	7 25	3 48	0 42	11 19	1 0	1 35	2 12	23 29	0 7	0 24	1 30	0 1	16 10	19 57	20 11	15 52	3 43	5 37
W 7	5 14	13 53	4 47	11 32	2 56	6 51	7 14	4 3	0 42	11 23	1 0	1 38	2 12	23 29	0 7	0 24	1 30	0 1	16 10	19 56	20 10	15 50	3 44	5 37
T 8	5 37	10 18	5 4	10 57	2 42	6 29	7 3	4 19	0 41	11 28	1 0	1 41	2 12	23 29	0 7	0 23	1 30	0 2	16 10	19 55	20 9	15 49	3 45	5 37
F 9	5 59	6 16	5 8	10 17	2 27	6 8	6 51	4 35	0 41	11 32	1 0	1 44	2 12	23 29	0 7	0 22	1 30	0 2	16 10	19 53	20 9	15 47	3 46	5 37
S 10	6 22	1 55	4 58	9 35	2 10	5 47	6 39	4 51	0 41	11 37	1 0	1 46	2 12	23 29	0 7	0 22	1 30	0 2	16 10	19 52	20 8	15 45	3 47	5 36
S 11	6 45	2s36	4 34	8 50	1 52	5 26	6 26	5 7	0 40	11 41	1 0	1 49	2 12	23 29	0 7	0 21	1 30	0 3	16 10	19 50	20 7	15 43	3 48	5 36
M12	7 8	7 6	3 56	8 5	1 32	5 6	6 13	5 22	0 40	11 46	1 0	1 52	2 12	23 29	0 7	0 20	1 30	0 3	16 10	19 48	20 7	15 41	3 49	5 36
T 13	7 30	11 22	3 4	7 19	1 12	4 47	6 0	5 38	0 39	11 50	0 59	1 55	2 12	23 29	0 7	0 20	1 30	0 4	16 11	19 47	20 6	15 40	3 50	5 35
W14	7 53	15 9	2 2	6 35	0 51	4 28	5 47	5 54	0 39	11 54	0 59	1 58	2 12	23 29	0 7	0 19	1 30	0 4	16 11	19 46	20 5	15 38	3 51	5 35
T 15	8 15	18 12	0 52	5 53	0 31	4 10	5 33	6 9	0 38	11 59	0 59	2 1	2 12	23 29	0 7	0 19	1 30	0 4	16 11	19 46	20 5	15 36	3 52	5 35
F 16	8 38	20 16	0n23	5 14	0 10	3 53	5 19	6 25	0 38	12 3	0 59	2 3	2 12	23 29	0 7	0 18	1 30	0 5	16 11	19 46	20 4	15 34	3 53	5 35
S 17	9 0	21 8	1 36	4 40	0n 9	3 37	5 5	6 40	0 37	12 8	0 59	2 6	2 12	23 29	0 7	0 17	1 30	0 5	16 11	19 46	20 3	15 32	3 54	5 34
S 18	9 22	20 42	2 45	4 10	0 27	3 22	4 51	6 56	0 37	12 12	0 59	2 9	2 12	23 29	0 7	0 17	1 30	0 5	16 11	19 46	20 2	15 30	3 55	5 34
M19	9 44	18 59	3 45	3 46	0 44	3 8	4 37	7 11	0 37	12 17	0 59	2 12	2 12	23 29	0 7	0 16	1 30	0 6	16 11	19 47	20 2	15 29	3 56	5 34
T 20	10 5	16 6	4 31	3 28	1 0	2 54	4 24	7 27	0 36	12 21	0 59	2 14	2 12	23 29	0 8	0 15	1 30	0 6	16 11	19 47	20 1	15 27	3 57	5 33
W21	10 27	12 15	5 1	3 16	1 14	2 42	4 10	7 42	0 36	12 25	0 59	2 17	2 12	23 29	0 8	0 15	1 30	0 7	16 11	19 46	20 0	15 25	3 58	5 33
T 22	10 48	7 43	5 13	3 9	1 26	2 31	3 56	7 58	0 35	12 30	0 59	2 20	2 12	23 29	0 8	0 14	1 30	0 7	16 11	19 46	20 0	15 23	3 58	5 33
F 23	11 10	2 46	5 5	3 8	1 37	2 21	3 42	8 13	0 35	12 34	0 59	2 23	2 13	23 29	0 8	0 14	1 30	0 7	16 11	19 45	19 59	15 21	3 59	5 32
S 24	11 31	2n17	4 39	3 13	1 46	2 12	3 29	8 28	0 34	12 39	0 59	2 25	2 13	23 29	0 8	0 13	1 30	0 8	16 11	19 44	19 58	15 19	4 0	5 32
S 25	11 52	7 11	3 57	3 22	1 53	2 3	3 16	8 43	0 34	12 43	0 59	2 28	2 13	23 29	0 8	0 13	1 30	0 8	16 12	19 43	19 58	15 17	4 1	5 32
M26	12 13	11 39	3 1	3 36	1 59	1 56	3 3	8 59	0 33	12 47	0 59	2 31	2 13	23 29	0 8	0 12	1 30	0 8	16 12	19 42	19 57	15 16	4 2	5 31
T 27	12 33	15 26	1 56	3 54	2 3	1 50	2 50	9 14	0 33	12 52	0 59	2 33	2 13	23 29	0 8	0 12	1 30	0 9	16 12	19 42	19 56	15 14	4 2	5 31
W28	12 53	18 20	0 46	4 15	2 6	1 45	2 37	9 29	0 32	12 56	0 59	2 36	2 13	23 29	0 8	0 11	1 30	0 9	16 12	19 41	19 56	15 12	4 3	5 31
T 29	13 14	20 14	0s24	4 39	2 8	1 41	2 25	9 44	0 32	13 0	0 58	2 39	2 13	23 29	0 8	0 10	1 30	0 9	16 12	19 41	19 55	15 10	4 4	5 30
F 30	13 34	21 4	1 32	5 7	2 9	1 38	2 13	9 59	0 31	13 5	0 58	2 41	2 13	23 29	0 8	0 10	1 30	0 10	16 12	19 42	19 54	15 8	4 5	5 30
S 31	13s53	20n51	2s35	5s36	2n 9	1s36	2s 1	10s14	0n31	13s 9	0n58	2s44	2n13	23n29	0n 8	0n 9	1s30	0s10	16s12	19s42	19s53	15n 6	4s 5	5n30

Julian Day Number = 2401779.5, Delta T = 8.80 sec
Ecliptic obliquity = 23°27'21, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°50'15, Lahiri = 21°57'16

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ASTRODIENST EPHEMERIS for the year 1863
geocentric

NOVEMBER 1863 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 39 9	8♏ 5'27	9♋14	20♎45	29♍49	28♎29	7♏51	12♎12	24°R40	3°R49	11°R24	27♏54	28♏41	2♌39	6°R18	S 1
M 2	2 43 5	9° 5'33	21°11	22° 9	0♎15	29°10	8° 5	12°18	24♊39	3♈48	11♉23	27°55	28°38	2°46	6♓18	M 2
T 3	2 47 2	10° 5'40	3♌ 3	23°36	0°43	29°50	8°18	12°25	24°37	3°47	11°22	27°56	28°35	2°52	6°17	T 3
W 4	2 50 58	11° 5'50	14°55	25° 5	1°12	0♏30	8°31	12°32	24°36	3°46	11°21	27°R56	28°31	2°59	6°16	W 4
T 5	2 54 55	12° 6'02	26°53	26°36	1°43	1°11	8°44	12°39	24°34	3°44	11°20	27°56	28°28	3° 6	6°15	T 5
F 6	2 58 51	13° 6'15	9♍ 0	28° 8	2°16	1°51	8°57	12°46	24°32	3°43	11°19	27°54	28°25	3°12	6°14	F 6
S 7	3 2 48	14° 6'31	21°21	29°41	2°50	2°32	9°10	12°52	24°31	3°42	11°18	27°53	28°22	3°19	6°14	S 7
S 8	3 6 44	15° 6'49	4♎ 0	1♏15	3°25	3°12	9°23	12°59	24°29	3°41	11°16	27°51	28°19	3°26	6°13	S 8
M 9	3 10 41	16° 7'08	16°57	2°50	4° 2	3°53	9°37	13° 6	24°27	3°40	11°15	27°49	28°15	3°33	6°13	M 9
T 10	3 14 38	17° 7'30	0♏15	4°25	4°40	4°34	9°50	13°12	24°25	3°38	11°14	27°48	28°12	3°39	6°12	T 10
W11	3 18 34	18° 7'53	13°52	6° 1	5°19	5°14	10° 3	13°19	24°23	3°37	11°13	27°47	28° 9	3°46	6°12	W11
T 12	3 22 31	19° 8'18	27°46	7°37	6° 0	5°55	10°16	13°25	24°21	3°36	11°12	27°D46	28° 6	3°53	6°12	T 12
F 13	3 26 27	20° 8'45	11♐54	9°13	6°42	6°36	10°29	13°32	24°19	3°35	11°11	27°47	28° 3	3°59	6°11	F 13
S 14	3 30 24	21° 9'14	26°12	10°49	7°24	7°16	10°42	13°38	24°17	3°34	11°10	27°47	28° 0	4° 6	6°11	S 14
S 15	3 34 20	22° 9'43	10♑35	12°25	8° 8	7°57	10°55	13°44	24°15	3°33	11° 9	27°48	27°56	4°13	6°11	S 15
M16	3 38 17	23°10'14	24°58	14° 1	8°53	8°38	11° 8	13°51	24°13	3°32	11° 8	27°48	27°53	4°20	6°11	M16
T 17	3 42 14	24°10'47	9♒17	15°37	9°39	9°19	11°21	13°57	24°11	3°31	11° 6	27°49	27°50	4°26	6°D11	T 17
W18	3 46 10	25°11'20	23°30	17°13	10°26	10° 0	11°34	14° 3	24° 9	3°31	11° 5	27°R49	27°47	4°33	6°11	W18
T 19	3 50 7	26°11'55	7♓34	18°49	11°14	10°41	11°47	14° 9	24° 7	3°30	11° 4	27°49	27°44	4°40	6°11	T 19
F 20	3 54 3	27°12'31	21°28	20°24	12° 2	11°22	12° 0	14°15	24° 5	3°29	11° 3	27°49	27°41	4°46	6°11	F 20
S 21	3 58 0	28°13'08	5♈10	22° 0	12°52	12° 3	12°13	14°21	24° 2	3°28	11° 2	27°D49	27°37	4°53	6°11	S 21
S 22	4 1 56	29°13'46	18°40	23°35	13°42	12°44	12°26	14°27	24° 0	3°27	11° 1	27°49	27°34	5° 0	6°12	S 22
M23	4 5 53	0♗14'25	1♉58	25°11	14°33	13°25	12°39	14°33	23°58	3°27	11° 0	27°49	27°31	5° 7	6°12	M23
T 24	4 9 49	1°15'06	15° 2	26°46	15°25	14° 6	12°52	14°39	23°56	3°26	10°59	27°49	27°28	5°13	6°12	T 24
W25	4 13 46	2°15'48	27°52	28°21	16°18	14°47	13° 4	14°45	23°53	3°25	10°58	27°R49	27°25	5°20	6°13	W25
T 26	4 17 43	3°16'31	10♊30	29°55	17°11	15°28	13°17	14°51	23°51	3°24	10°57	27°49	27°21	5°27	6°13	T 26
F 27	4 21 39	4°17'16	22°54	1♗30	18° 5	16° 9	13°30	14°56	23°49	3°24	10°56	27°49	27°18	5°33	6°14	F 27
S 28	4 25 36	5°18'02	5♋ 7	3° 5	19° 0	16°51	13°43	15° 2	23°46	3°23	10°55	27°48	27°15	5°40	6°14	S 28
S 29	4 29 32	6°18'49	17°10	4°39	19°55	17°32	13°55	15° 8	23°44	3°23	10°54	27°47	27°12	5°47	6°15	S 29
M30	4 33 29	7♗19'38	29♋ 6	6♗14	20♎51	18♏13	14♏ 8	15♎13	23♊41	3♈22	10♉53	27♏45	27♏ 9	5♌54	6♓16	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s13	19n40	3s29	6s 8	2n 8	1s35	1s49	10s28	0n30	13s13	0n58	2s46	2n13	23n29	0n 8	0n 9	1s30	0s10	16s12	19s42	19s53	15n 4	4s 6	5n29
M 2	14 32	17 37	4 13	6 41	2 6	1 35	1 37	10 43	0 30	13 17	0 58	2 49	2 14	23 29	0 8	0 8	1 30	0 11	16 12	19 43	19 52	15 3	4 7	5 29
T 3	14 51	14 50	4 47	7 15	2 4	1 36	1 26	10 58	0 29	13 22	0 58	2 52	2 14	23 28	0 8	0 8	1 30	0 11	16 12	19 43	19 51	15 1	4 7	5 29
W 4	15 10	11 27	5 8	7 51	2 1	1 38	1 15	11 12	0 29	13 26	0 58	2 54	2 14	23 28	0 8	0 7	1 30	0 11	16 12	19 43	19 51	14 59	4 8	5 28
T 5	15 29	7 36	5 16	8 27	1 57	1 40	1 5	11 27	0 28	13 30	0 58	2 57	2 14	23 28	0 8	0 7	1 30	0 12	16 12	19 43	19 50	14 57	4 9	5 28
F 6	15 47	3 24	5 10	9 4	1 53	1 44	0 54	11 42	0 28	13 34	0 58	2 59	2 14	23 28	0 8	0 7	1 30	0 12	16 12	19 42	19 49	14 55	4 9	5 27
S 7	16 5	1s 1	4 50	9 41	1 48	1 48	0 44	11 56	0 27	13 39	0 58	3 2	2 14	23 28	0 8	0 6	1 30	0 12	16 12	19 42	19 49	14 53	4 10	5 27
S 8	16 23	5 30	4 16	10 18	1 43	1 53	0 34	12 10	0 27	13 43	0 58	3 4	2 14	23 28	0 8	0 6	1 29	0 13	16 12	19 42	19 48	14 51	4 10	5 27
M 9	16 40	9 51	3 27	10 56	1 38	1 59	0 25	12 25	0 26	13 47	0 58	3 7	2 14	23 28	0 8	0 5	1 29	0 13	16 11	19 41	19 47	14 49	4 11	5 26
T 10	16 58	13 51	2 27	11 33	1 32	2 6	0 15	12 39	0 26	13 51	0 58	3 9	2 15	23 28	0 8	0 5	1 29	0 13	16 11	19 41	19 46	14 48	4 11	5 26
W11	17 15	17 14	1 16	12 11	1 26	2 13	0 6	12 53	0 25	13 55	0 58	3 11	2 15	23 28	0 8	0 4	1 29	0 13	16 11	19 41	19 46	14 46	4 12	5 26
T 12	17 31	19 41	0 0	12 48	1 20	2 21	0n 2	13 7	0 25	13 59	0 58	3 14	2 15	23 28	0 8	0 4	1 29	0 14	16 11	19 41	19 45	14 44	4 12	5 25
F 13	17 48	20 57	1n18	13 24	1 14	2 29	0 11	13 21	0 24	14 3	0 58	3 16	2 15	23 28	0 8	0 4	1 29	0 14	16 11	19 41	19 44	14 42	4 13	5 25
S 14	18 4	20 53	2 31	14 1	1 7	2 39	0 19	13 35	0 24	14 8	0 58	3 18	2 15	23 28	0 8	0 3	1 29	0 14	16 11	19 41	19 44	14 40	4 13	5 24
S 15	18 19	19 27	3 36	14 36	1 1	2 49	0 27	13 48	0 23	14 12	0 58	3 21	2 15	23 28	0 8	0 3	1 29	0 14	16 11	19 41	19 43	14 38	4 13	5 24
M16	18 35	16 47	4 27	15 12	0 54	2 59	0 35	14 2	0 23	14 16	0 58	3 23	2 15	23 28	0 8	0 3	1 29	0 15	16 11	19 41	19 42	14 36	4 14	5 24
T 17	18 50	13 6	5 1	15 46	0 47	3 10	0 43	14 15	0 22	14 20	0 58	3 25	2 16	23 28	0 8	0 2	1 29	0 15	16 11	19 41	19 41	14 34	4 14	5 23
W18	19 4	8 43	5 16	16 20	0 41	3 22	0 50	14 29	0 22	14 24	0 58	3 28	2 16	23 27	0 8	0 2	1 29	0 15	16 11	19 41	19 41	14 32	4 15	5 23
T 19	19 19	3 54	5 13	16 53	0 34	3 34	0 57	14 42	0 21	14 28	0 58	3 30	2 16	23 27	0 8	0 2	1 29	0 15	16 11	19 41	19 40	14 31	4 15	5 23
F 20	19 33	1n 4	4 51	17 26	0 27	3 47	1 4	14 56	0 20	14 32	0 58	3 32	2 16	23 27	0 8	0 1	1 29	0 15	16 11	19 41	19 39	14 29	4 15	5 22
S 21	19 47	5 55	4 12	17 57	0 20	4 0	1 10	15 9	0 20	14 36	0 58	3 34	2 16	23 27	0 8	0 1	1 29	0 16	16 10	19 41	19 39	14 27	4 15	5 22
S 22	20 0	10 25	3 21	18 28	0 13	4 14	1 17	15 22	0 19	14 40	0 58	3 36	2 16	23 27	0 8	0 1	1 29	0 16	16 10	19 41	19 38	14 25	4 16	5 21
M23	20 13	14 20	2 19	18 58	0 6	4 28	1 23	15 35	0 19	14 43	0 58	3 38	2 17	23 27	0 8	0 0	1 29	0 16	16 10	19 41	19 37	14 23	4 16	5 21
T 24	20 25	17 29	1 10	19 27	0s 1	4 43	1 29	15 47	0 18	14 47	0 58	3 41	2 17	23 27	0 8	0 0	1 29	0 16	16 10	19 41	19 36	14 21	4 16	5 21
W25	20 38	19 42	0s 0	19 55	0 7	4 58	1 34	16 0	0 18	14 51	0 58	3 43	2 17	23 27	0 8	0 0	1 29	0 16	16 10	19 41	19 36	14 19	4 16	5 20
T 26	20 50	20 53	1 10	20 23	0 14	5 13	1 40	16 13	0 17	14 55	0 58	3 45	2 17	23 27	0 8	0s 0	1 29	0 17	16 10	19 41	19 35	14 17	4 16	5 20
F 27	21 1	21 1	2 15	20 49	0 21	5 29	1 45	16 25	0 17	14 59	0 58	3 47	2 17	23 27	0 8	0 0	1 29	0 17	16 10	19 41	19 34	14 15	4 17	5 20
S 28	21 12	20 9	3 12	21 14	0 27	5 45	1 50	16 37	0 16	15 3	0 58	3 49	2 18	23 27	0 8	0 1	1 29	0 17	16 9	19 41	19 34	14 13	4 17	5 19
S 29	21 23	18 22	4 1	21 38	0 34	6 2	1 55	16 50	0 15	15 6	0 58	3 51	2 18	23 26	0 8	0 1	1 29	0 17	16 9	19 41	19 33	14 11	4 17	5 19
M30	21s33	15n49	4s38	22s 1	0s40	6s18	1n59	17s 2	0n15	15s10	0n58	3s52	2n18	23n26	0n 8	0s 1	1s29	0s17	16s 9	19s40	19s32	14n10	4s17	5n19

Julian Day Number = 2401810.5, Delta T = 8.77 sec
Ecliptic obliquity = 23°27'20, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°50'20, Lahiri = 21°57'20

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1863
geocentric

DECEMBER 1863 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 37 25	8♐20'28	10♌58	7♐48	21♎48	18♏55	14♏21	15♎18	23°R39	3°R22	10°R52	27°R44	27♏ 6	6♌ 0	6♓17	T 1
W 2	4 41 22	9°21'19	22°49	9°22	22°45	19°36	14°33	15°24	23♊37	3♈21	10♉51	27♏43	27° 2	6° 7	6°17	W 2
T 3	4 45 18	10°22'12	4♍45	10°56	23°43	20°17	14°46	15°29	23°34	3°21	10°50	27°42	26°59	6°14	6°18	T 3
F 4	4 49 15	11°23'06	16°50	12°31	24°41	20°59	14°58	15°34	23°32	3°20	10°49	27°D42	26°56	6°20	6°19	F 4
S 5	4 53 12	12°24'01	29° 8	14° 5	25°40	21°40	15°11	15°39	23°29	3°20	10°48	27°43	26°53	6°27	6°20	S 5
S 6	4 57 8	13°24'58	11♎44	15°39	26°39	22°22	15°23	15°44	23°27	3°20	10°47	27°44	26°50	6°34	6°22	S 6
M 7	5 1 5	14°25'56	24°41	17°13	27°39	23° 4	15°35	15°49	23°24	3°19	10°46	27°45	26°46	6°41	6°23	M 7
T 8	5 5 1	15°26'55	8♏ 3	18°47	28°39	23°45	15°48	15°54	23°22	3°19	10°45	27°47	26°43	6°47	6°24	T 8
W 9	5 8 58	16°27'55	21°50	20°22	29°40	24°27	16° 0	15°59	23°19	3°19	10°44	27°R47	26°40	6°54	6°25	W 9
T 10	5 12 54	17°28'57	6♐ 2	21°56	0♏41	25° 9	16°12	16° 4	23°16	3°19	10°43	27°47	26°37	7° 1	6°26	T 10
F 11	5 16 51	18°29'59	20°33	23°31	1°42	25°50	16°24	16° 9	23°14	3°19	10°43	27°46	26°34	7° 7	6°28	F 11
S 12	5 20 47	19°31'02	5♑18	25° 5	2°44	26°32	16°36	16°13	23°11	3°18	10°42	27°44	26°31	7°14	6°29	S 12
S 13	5 24 44	20°32'06	20°10	26°40	3°46	27°14	16°48	16°18	23° 9	3°18	10°41	27°41	26°27	7°21	6°31	S 13
M14	5 28 41	21°33'10	5♒ 1	28°14	4°49	27°56	17° 0	16°22	23° 6	3°18	10°40	27°37	26°24	7°28	6°32	M14
T 15	5 32 37	22°34'15	19°43	29°49	5°52	28°38	17°12	16°27	23° 4	3°D18	10°39	27°34	26°21	7°34	6°34	T 15
W16	5 36 34	23°35'20	4♓ 9	1♑24	6°55	29°20	17°24	16°31	23° 1	3°18	10°38	27°32	26°18	7°41	6°36	W16
T 17	5 40 30	24°36'25	18°18	2°59	7°59	0♐ 2	17°36	16°35	22°58	3°18	10°38	27°D31	26°15	7°48	6°37	T 17
F 18	5 44 27	25°37'31	2♈ 6	4°34	9° 3	0°44	17°48	16°39	22°56	3°18	10°37	27°31	26°12	7°54	6°39	F 18
S 19	5 48 23	26°38'37	15°36	6° 9	10° 7	1°26	17°59	16°43	22°53	3°18	10°36	27°32	26° 8	8° 1	6°41	S 19
S 20	5 52 20	27°39'43	28°47	7°44	11°12	2° 8	18°11	16°47	22°51	3°19	10°35	27°33	26° 5	8° 8	6°43	S 20
M21	5 56 16	28°40'49	11♉43	9°20	12°16	2°50	18°22	16°51	22°48	3°19	10°35	27°35	26° 2	8°15	6°45	M21
T 22	6 0 13	29°41'56	24°24	10°55	13°22	3°32	18°34	16°55	22°46	3°19	10°34	27°R36	25°59	8°21	6°47	T 22
W23	6 4 10	0♑43'03	6♊55	12°30	14°27	4°14	18°45	16°58	22°43	3°19	10°33	27°36	25°56	8°28	6°49	W23
T 24	6 8 6	1°44'10	19°15	14° 5	15°33	4°57	18°57	17° 2	22°41	3°20	10°33	27°34	25°52	8°35	6°51	T 24
F 25	6 12 3	2°45'17	1♋26	15°40	16°39	5°39	19° 8	17° 5	22°38	3°20	10°32	27°30	25°49	8°41	6°53	F 25
S 26	6 15 59	3°46'25	13°31	17°14	17°45	6°21	19°19	17° 9	22°36	3°20	10°31	27°24	25°46	8°48	6°55	S 26
S 27	6 19 56	4°47'33	25°29	18°49	18°51	7° 3	19°30	17°12	22°33	3°21	10°31	27°17	25°43	8°55	6°57	S 27
M28	6 23 52	5°48'41	7♌23	20°23	19°58	7°46	19°41	17°15	22°31	3°21	10°30	27° 9	25°40	9° 2	7° 0	M28
T 29	6 27 49	6°49'50	19°15	21°56	21° 5	8°28	19°52	17°18	22°28	3°22	10°30	27° 2	25°37	9° 8	7° 2	T 29
W30	6 31 45	7°50'59	1♍ 6	23°28	22°12	9°11	20° 3	17°21	22°26	3°22	10°29	26°55	25°33	9°15	7° 4	W30
T 31	6 35 42	8♑52'08	13♍ 1	25♑ 0	23♏19	9♐53	20♏14	17♎24	22♊23	3♈23	10♉29	26♏50	25♏30	9♌22	7♓ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s43	12n38	5s 3	22s23	0s46	6s35	2n 4	17s14	0n14	15s14	0n58	3s54	2n18	23n26	0n 8	0s 1	1s29	0s17	16s 9	19s40	19s31	14n 8	4s17	5n18
W 2	21 52	8 57	5 15	22 44	0 52	6 53	2 8	17 26	0 14	15 18	0 58	3 56	2 18	23 26	0 8	0 1	1 29	0 17	16 9	19 40	19 31	14 6	4 17	5 18
T 3	22 1	4 54	5 14	23 4	0 58	7 10	2 12	17 37	0 13	15 21	0 58	3 58	2 19	23 26	0 8	0 1	1 29	0 17	16 9	19 40	19 30	14 4	4 17	5 17
F 4	22 10	0 37	4 59	23 22	1 4	7 28	2 15	17 49	0 13	15 25	0 58	4 0	2 19	23 26	0 8	0 2	1 29	0 18	16 8	19 40	19 29	14 2	4 17	5 17
S 5	22 18	3s47	4 30	23 40	1 10	7 46	2 19	18 0	0 12	15 28	0 58	4 2	2 19	23 26	0 8	0 2	1 29	0 18	16 8	19 40	19 28	14 0	4 17	5 17
S 6	22 26	8 8	3 48	23 56	1 15	8 4	2 22	18 11	0 11	15 32	0 58	4 3	2 19	23 26	0 8	0 2	1 28	0 18	16 8	19 40	19 28	13 58	4 17	5 16
M 7	22 33	12 15	2 53	24 11	1 21	8 23	2 26	18 23	0 11	15 36	0 58	4 5	2 19	23 26	0 8	0 2	1 28	0 18	16 8	19 40	19 27	13 56	4 17	5 16
T 8	22 40	15 53	1 47	24 24	1 26	8 41	2 28	18 34	0 10	15 39	0 58	4 7	2 20	23 25	0 8	0 2	1 28	0 18	16 8	19 41	19 26	13 54	4 17	5 16
W 9	22 46	18 46	0 33	24 37	1 31	9 0	2 31	18 44	0 10	15 43	0 58	4 8	2 20	23 25	0 8	0 2	1 28	0 18	16 7	19 41	19 25	13 52	4 17	5 15
T 10	22 52	20 35	0n45	24 48	1 35	9 19	2 34	18 55	0 9	15 46	0 58	4 10	2 20	23 25	0 8	0 2	1 28	0 18	16 7	19 41	19 25	13 50	4 16	5 15
F 11	22 57	21 5	2 2	24 57	1 40	9 38	2 36	19 6	0 8	15 49	0 58	4 12	2 20	23 25	0 8	0 2	1 28	0 18	16 7	19 41	19 24	13 48	4 16	5 15
S 12	23 2	20 9	3 12	25 6	1 44	9 57	2 39	19 16	0 8	15 53	0 58	4 13	2 21	23 25	0 8	0 2	1 28	0 18	16 7	19 40	19 23	13 46	4 16	5 14
S 13	23 7	17 49	4 10	25 13	1 48	10 16	2 41	19 26	0 7	15 56	0 58	4 15	2 21	23 25	0 8	0 2	1 28	0 18	16 6	19 39	19 23	13 44	4 16	5 14
M14	23 11	14 20	4 50	25 19	1 52	10 35	2 43	19 36	0 7	16 0	0 58	4 16	2 21	23 25	0 8	0 2	1 28	0 18	16 6	19 39	19 22	13 42	4 16	5 13
T 15	23 15	9 59	5 11	25 23	1 55	10 54	2 44	19 46	0 6	16 3	0 58	4 18	2 21	23 25	0 8	0 2	1 28	0 18	16 6	19 38	19 21	13 41	4 15	5 13
W16	23 18	5 9	5 12	25 26	1 59	11 13	2 46	19 56	0 5	16 6	0 58	4 19	2 21	23 25	0 8	0 2	1 28	0 18	16 6	19 37	19 20	13 39	4 15	5 13
T 17	23 21	0 7	4 54	25 27	2 2	11 32	2 47	20 6	0 5	16 9	0 58	4 20	2 22	23 24	0 8	0 2	1 28	0 18	16 5	19 37	19 20	13 37	4 15	5 12
F 18	23 23	4n48	4 19	25 27	2 4	11 51	2 49	20 15	0 4	16 13	0 58	4 22	2 22	23 24	0 8	0 2	1 28	0 18	16 5	19 37	19 19	13 35	4 14	5 12
S 19	23 25	9 22	3 30	25 25	2 6	12 10	2 50	20 24	0 3	16 16	0 59	4 23	2 22	23 24	0 8	0 2	1 28	0 18	16 5	19 37	19 18	13 33	4 14	5 12
S 20	23 26	13 24	2 31	25 22	2 8	12 29	2 51	20 33	0 3	16 19	0 59	4 24	2 22	23 24	0 8	0 2	1 28	0 18	16 5	19 38	19 17	13 31	4 14	5 11
M21	23 27	16 43	1 26	25 17	2 10	12 48	2 52	20 42	0 2	16 22	0 59	4 26	2 23	23 24	0 8	0 1	1 28	0 18	16 4	19 38	19 17	13 29	4 13	5 11
T 22	23 27	19 10	0 17	25 11	2 11	13 7	2 52	20 51	0 2	16 25	0 59	4 27	2 23	23 24	0 8	0 1	1 28	0 18	16 4	19 38	19 16	13 27	4 13	5 11
W23	23 27	20 39	0s51	25 3	2 12	13 26	2 53	21 0	0 1	16 28	0 59	4 28	2 23	23 24	0 8	0 1	1 28	0 18	16 4	19 38	19 15	13 25	4 12	5 10
T 24	23 27	21 6	1 55	24 54	2 12	13 45	2 53	21 8	0 0	16 31	0 59	4 29	2 23	23 23	0 8	0 1	1 28	0 18	16 4	19 38	19 14	13 23	4 12	5 10
F 25	23 26	20 33	2 54	24 43	2 12	14 3	2 53	21 16	0s 0	16 34	0 59	4 30	2 24	23 23	0 8	0 1	1 28	0 18	16 3	19 37	19 14	13 21	4 12	5 10
S 26	23 24	19 3	3 44	24 30	2 11	14 22	2 53	21 24	0 1	16 37	0 59	4 31	2 24	23 23	0 8	0 1	1 28	0 17	16 3	19 36	19 13	13 19	4 11	5 9
S 27	23 22	16 44	4 24	24 16	2 10	14 40	2 53	21 32	0 2	16 40	0 59	4 32	2 24	23 23	0 8	0 0	1 28	0 17	16 3	19 34	19 12	13 17	4 11	5 9
M28	23 20	13 44	4 51	24 1	2 8	14 58	2 53	21 39	0 2	16 43	0 59	4 33	2 25	23 23	0 8	0 0	1 28	0 17	16 2	19 32	19 11	13 15	4 10	5 9
T 29	23 17	10 12	5 6	23 44	2 6	15 16	2 53	21 47	0 3	16 46	0 59	4 34	2 25	23 23	0 8	0 0	1 27	0 17	16 2	19 30	19 11	13 13	4 9	5 8
W30	23 13	6 17	5 8	23 26	2 2	15 33	2 52	21 54	0 4	16 49	0 59	4 35	2 25	23 23	0 8	0n 0	1 27	0 17	16 2	19 29	19 10	13 11	4 9	5 8
T 31	23s10	2n 6	4s57	23s 6	1s59	15s51	2n52	22s 1	0s 4	16s52	0n59	4s36	2n25	23n23	0n 8	0n 0	1s27	0s17	16s 2	19s28	19s 9	13n 9	4s 8	5n 8

Julian Day Number = 2401840.5, Delta T = 8.75 sec
Ecliptic obliquity = 23°27'20, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°50'24, Lahiri = 21°57'24

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ASTRODIENST EPHEMERIS for the year 1864
geocentric

JANUARY 1864 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 39 39	9♑53'17	25♍ 3	26♑30	24♏27	10♐36	20♏24	17♎27	22°R21	3♈23	10°R28	26°R47	25♏27	9♌28	7♓ 9	F 1
S 2	6 43 35	10°54'27	7♎17	27°59	25°35	11°18	20°35	17°30	22♊18	3°24	10♉28	26°D45	25°24	9°35	7°12	S 2
S 3	6 47 32	11°55'37	19°47	29°26	26°42	12° 1	20°45	17°32	22°16	3°24	10°27	26♏45	25°21	9°42	7°14	S 3
M 4	6 51 28	12°56'47	2♏37	0♒50	27°51	12°44	20°56	17°35	22°14	3°25	10°27	26°47	25°18	9°49	7°17	M 4
T 5	6 55 25	13°57'58	15°53	2°13	28°59	13°26	21° 6	17°37	22°11	3°26	10°26	26°48	25°14	9°55	7°19	T 5
W 6	6 59 21	14°59'09	29°36	3°32	0♐ 7	14° 9	21°16	17°40	22° 9	3°27	10°26	26°R48	25°11	10° 2	7°22	W 6
T 7	7 3 18	16° 0'19	13♐49	4°47	1°16	14°52	21°26	17°42	22° 7	3°27	10°25	26°47	25° 8	10° 9	7°25	T 7
F 8	7 7 14	17° 1'30	28°28	5°59	2°25	15°35	21°36	17°44	22° 4	3°28	10°25	26°43	25° 5	10°15	7°28	F 8
S 9	7 11 11	18° 2'41	13♑28	7° 5	3°34	16°18	21°46	17°46	22° 2	3°29	10°25	26°37	25° 2	10°22	7°30	S 9
S 10	7 15 8	19° 3'51	28°41	8° 5	4°43	17° 0	21°56	17°48	22° 0	3°30	10°24	26°30	24°58	10°29	7°33	S 10
M11	7 19 4	20° 5'01	13♒56	9° 0	5°52	17°43	22° 6	17°50	21°58	3°31	10°24	26°21	24°55	10°36	7°36	M11
T 12	7 23 1	21° 6'11	29° 1	9°46	7° 2	18°26	22°16	17°51	21°56	3°32	10°24	26°13	24°52	10°42	7°39	T 12
W13	7 26 57	22° 7'19	13♓49	10°25	8°11	19° 9	22°25	17°53	21°53	3°33	10°24	26° 5	24°49	10°49	7°42	W13
T 14	7 30 54	23° 8'27	28°12	10°54	9°21	19°52	22°34	17°55	21°51	3°34	10°23	26° 0	24°46	10°56	7°45	T 14
F 15	7 34 50	24° 9'35	12♈ 8	11°13	10°30	20°35	22°44	17°56	21°49	3°35	10°23	25°58	24°43	11° 3	7°48	F 15
S 16	7 38 47	25°10'41	25°38	11°R21	11°40	21°18	22°53	17°57	21°47	3°36	10°23	25°D57	24°39	11° 9	7°51	S 16
S 17	7 42 43	26°11'47	8♉44	11°18	12°50	22° 2	23° 2	17°58	21°45	3°37	10°23	25°57	24°36	11°16	7°54	S 17
M18	7 46 40	27°12'52	21°29	11° 4	14° 0	22°45	23°11	17°59	21°43	3°38	10°23	25°R58	24°33	11°23	7°57	M18
T 19	7 50 37	28°13'56	3♊58	10°37	15°11	23°28	23°20	18° 0	21°41	3°39	10°22	25°58	24°30	11°29	8° 1	T 19
W20	7 54 33	29°14'59	16°14	10° 0	16°21	24°11	23°28	18° 1	21°39	3°40	10°22	25°56	24°27	11°36	8° 4	W20
T 21	7 58 30	0♒16'01	28°21	9°12	17°31	24°54	23°37	18° 2	21°38	3°42	10°22	25°51	24°24	11°43	8° 7	T 21
F 22	8 2 26	1°17'02	10♋22	8°14	18°42	25°38	23°45	18° 3	21°36	3°43	10°22	25°43	24°20	11°50	8°10	F 22
S 23	8 6 23	2°18'03	22°18	7° 9	19°53	26°21	23°54	18° 3	21°34	3°44	10°22	25°33	24°17	11°56	8°14	S 23
S 24	8 10 19	3°19'03	4♌12	5°58	21° 3	27° 4	24° 2	18° 4	21°32	3°45	10°22	25°20	24°14	12° 3	8°17	S 24
M25	8 14 16	4°20'01	16° 5	4°43	22°14	27°48	24°10	18° 4	21°31	3°47	10°D22	25° 7	24°11	12°10	8°20	M25
T 26	8 18 13	5°20'59	27°57	3°27	23°25	28°31	24°18	18° 4	21°29	3°48	10°22	24°53	24° 8	12°16	8°24	T 26
W27	8 22 9	6°21'56	9♍52	2°12	24°36	29°15	24°26	18°R 4	21°27	3°49	10°22	24°40	24° 4	12°23	8°27	W27
T 28	8 26 6	7°22'53	21°49	1° 0	25°47	29°58	24°33	18° 4	21°26	3°51	10°22	24°30	24° 1	12°30	8°31	T 28
F 29	8 30 2	8°23'48	3♎53	29♑53	26°58	0♑42	24°41	18° 4	21°24	3°52	10°22	24°22	23°58	12°37	8°34	F 29
S 30	8 33 59	9°24'43	16° 7	28°52	28°10	1°25	24°48	18° 4	21°23	3°54	10°22	24°17	23°55	12°43	8°38	S 30
S 31	8 37 55	10♒25'37	28♎33	27♑58	29♐21	2♑ 9	24♏56	18♎ 4	21♊21	3♈55	10♉23	24♏15	23♏52	12♌50	8♓41	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	23s 5	2s12	4s33	22s44	1s54	16s 8	2n51	22s 8	0s 5	16s55	0n59	4s37	2n26	23n22	0n 8	0n 1	1s27	0s17	16s 1	19s27	19s 8	13n 7	4s 8	5n 8	F 1
S 2	23 0	6 30	3 56	22 22	1 49	16 25	2 50	22 15	0 6	16 57	0 59	4 38	2 26	23 22	0 8	0 1	1 27	0 17	16 1	19 27	19 8	13 5	4 7	5 7	S 2
S 3	22 55	10 37	3 7	21 58	1 43	16 41	2 49	22 21	0 6	17 0	0 59	4 38	2 26	23 22	0 8	0 1	1 27	0 16	16 1	19 27	19 7	13 3	4 6	5 7	S 3
M 4	22 49	14 23	2 7	21 33	1 36	16 58	2 48	22 27	0 7	17 3	0 59	4 39	2 26	23 22	0 8	0 2	1 27	0 16	16 0	19 27	19 6	13 1	4 6	5 7	M 4
T 5	22 43	17 32	0 59	21 7	1 29	17 14	2 47	22 33	0 8	17 5	1 0	4 40	2 27	23 22	0 8	0 2	1 27	0 16	16 0	19 27	19 5	12 59	4 5	5 6	T 5
W 6	22 37	19 50	0n15	20 41	1 20	17 29	2 46	22 39	0 8	17 8	1 0	4 40	2 27	23 22	0 8	0 2	1 27	0 16	16 0	19 27	19 4	12 57	4 4	5 6	W 6
T 7	22 30	20 59	1 30	20 13	1 11	17 45	2 44	22 45	0 9	17 10	1 0	4 41	2 27	23 22	0 8	0 3	1 27	0 16	15 59	19 27	19 4	12 55	4 4	5 6	T 7
F 8	22 22	20 45	2 42	19 46	1 0	18 0	2 43	22 50	0 10	17 13	1 0	4 41	2 27	23 22	0 8	0 3	1 27	0 15	15 59	19 26	19 3	12 53	4 3	5 5	F 8
S 9	22 14	19 4	3 44	19 18	0 49	18 14	2 41	22 55	0 10	17 15	1 0	4 42	2 28	23 21	0 8	0 3	1 27	0 15	15 59	19 25	19 2	12 51	4 2	5 5	S 9
S 10	22 6	16 1	4 31	18 50	0 36	18 29	2 40	23 0	0 11	17 18	1 0	4 42	2 28	23 21	0 8	0 4	1 27	0 15	15 58	19 23	19 1	12 49	4 1	5 5	S 10
M11	21 57	11 53	4 59	18 23	0 22	18 43	2 38	23 5	0 12	17 20	1 0	4 43	2 28	23 21	0 8	0 4	1 27	0 15	15 58	19 21	19 1	12 47	4 0	5 5	M11
T 12	21 48	7 3	5 5	17 56	0 8	18 56	2 36	23 10	0 12	17 23	1 0	4 43	2 29	23 21	0 8	0 5	1 27	0 15	15 58	19 19	19 0	12 45	4 0	5 4	T 12
W13	21 38	1 53	4 51	17 31	0n 8	19 9	2 34	23 14	0 13	17 25	1 0	4 44	2 29	23 21	0 8	0 5	1 27	0 14	15 57	19 17	18 59	12 43	3 59	5 4	W13
T 14	21 28	3n15	4 19	17 7	0 24	19 22	2 32	23 18	0 14	17 27	1 0	4 44	2 29	23 21	0 8	0 5	1 27	0 14	15 57	19 16	18 58	12 41	3 58	5 4	T 14
F 15	21 18	8 3	3 32	16 45	0 42	19 34	2 30	23 22	0 15	17 30	1 0	4 44	2 29	23 21	0 8	0 6	1 27	0 14	15 57	19 16	18 58	12 39	3 57	5 4	F 15
S 16	21 7	12 19	2 35	16 26	0 59	19 46	2 28	23 25	0 15	17 32	1 0	4 44	2 30	23 21	0 8	0 6	1 27	0 14	15 56	19 15	18 57	12 37	3 56	5 3	S 16
S 17	20 56	15 51	1 31	16 9	1 18	19 57	2 25	23 29	0 16	17 34	1 1	4 45	2 30	23 20	0 8	0 7	1 27	0 13	15 56	19 15	18 56	12 35	3 55	5 3	S 17
M18	20 44	18 32	0 24	15 55	1 36	20 8	2 23	23 32	0 17	17 36	1 1	4 45	2 30	23 20	0 9	0 7	1 27	0 13	15 56	19 16	18 55	12 33	3 54	5 3	M18
T 19	20 32	20 16	0s43	15 45	1 55	20 18	2 20	23 35	0 17	17 38	1 1	4 45	2 31	23 20	0 9	0 8	1 27	0 13	15 55	19 16	18 54	12 31	3 53	5 3	T 19
W20	20 19	20 59	1 46	15 38	2 12	20 28	2 18	23 38	0 18	17 40	1 1	4 45	2 31	23 20	0 9	0 8	1 27	0 12	15 55	19 15	18 54	12 29	3 52	5 2	W20
T 21	20 6	20 43	2 43	15 34	2 29	20 38	2 15	23 40	0 19	17 42	1 1	4 45	2 31	23 20	0 9	0 9	1 26	0 12	15 55	19 14	18 53	12 27	3 51	5 2	T 21
F 22	19 53	19 31	3 33	15 33	2 45	20 46	2 13	23 42	0 20	17 44	1 1	4 45	2 31	23 20	0 9	0 9	1 26	0 12	15 54	19 12	18 52	12 25	3 50	5 2	F 22
S 23	19 40	17 27	4 13	15 36	2 59	20 55	2 10	23 45	0 20	17 46	1 1	4 45	2 32	23 20	0 9	0 10	1 26	0 12	15 54	19 10	18 51	12 23	3 49	5 2	S 23
S 24	19 26	14 40	4 41	15 42	3 11	21 2	2 7	23 46	0 21	17 48	1 1	4 45	2 32	23 20	0 9	0 10	1 26	0 11	15 54	19 7	18 51	12 21	3 48	5 2	S 24
M25	19 11	11 17	4 57	15 50	3 21	21 10	2 4	23 48	0 22	17 50	1 1	4 45	2 32	23 20	0 9	0 11	1 26	0 11	15 53	19 3	18 50	12 19	3 47	5 1	M25
T 26	18 57	7 29	5 1	16 1	3 29	21 16	2 1	23 49	0 22	17 52	1 1	4 44	2 33	23 19	0 9	0 12	1 26	0 11	15 53	19 0	18 49	12 17	3 46	5 1	T 26
W27	18 42	3 23	4 51	16 13	3 34	21 22	1 58	23 50	0 23	17 54	1 2	4 44	2 33	23 19	0 9	0 12	1 26	0 10	15 53	18 57	18 48	12 15	3 45	5 1	W27
T 28	18 26	0s52	4 28	16 26	3 36	21 28	1 55	23 51	0 24	17 55	1 2	4 44	2 33	23 19	0 9	0 13	1 26	0 10	15 52	18 54	18 47	12 13	3 44	5 1	T 28
F 29	18 11	5 7	3 53	16 40	3 36	21 33	1 52	23 52	0 25	17 57	1 2	4 44	2 33	23 19	0 9	0 13	1 26	0 9	15 52	18 53	18 47	12 11	3 43	5 0	F 29
S 30	17 55	9 13	3 7	16 55	3 34	21 37	1 49	23 52	0 25	17 59	1 2	4 43	2 34	23 19	0 9	0 14	1 26	0 9	15 51	18 51	18 46	12 9	3 42	5 0	S 30
S 31	17s38	13s 1	2s12	17s 9	3n30	21s41	1n46	23s52	0s26	18s 0	1n 2	4s43	2n34	23n19	0n 9	0n15	1s26	0s 9	15s51	18s51	18s45	12n 7	3s41	5n 0	S 31

Julian Day Number = 2401871.5, Delta T = 8.72 sec
Ecliptic obliquity = 23°27'19, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°50'28, Lahiri = 21°57'28

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ASTRODIENST EPHEMERIS for the year 1864
geocentric

FEBRUARY 1864 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 41 52	11♒26'30	11♏18	27°R12	0♑33	2♑53	25♏ 3	18°R 3	21°R20	3♈57	10♉23	24°D14	23♏49	12♌57	8♓45	M 1
T 2	8 45 48	12°27'23	24°25	26♑35	1°44	3°36	25°10	18♎ 3	21♊18	3°58	10°23	24°R15	23°45	13° 4	8°48	T 2
W 3	8 49 45	13°28'14	7♐58	26° 6	2°56	4°20	25°17	18° 2	21°17	4° 0	10°23	24♏14	23°42	13°10	8°52	W 3
T 4	8 53 42	14°29'05	22° 0	25°45	4° 7	5° 4	25°23	18° 1	21°16	4° 2	10°23	24°12	23°39	13°17	8°55	T 4
F 5	8 57 38	15°29'55	6♑30	25°33	5°19	5°48	25°30	18° 0	21°15	4° 3	10°23	24° 7	23°36	13°24	8°59	F 5
S 6	9 1 35	16°30'44	21°26	25°D29	6°31	6°31	25°36	17°59	21°14	4° 5	10°24	23°59	23°33	13°30	9° 3	S 6
S 7	9 5 31	17°31'32	6♒40	25°32	7°43	7°15	25°43	17°58	21°12	4° 7	10°24	23°49	23°30	13°37	9° 6	S 7
M 8	9 9 28	18°32'18	22° 2	25°42	8°54	7°59	25°49	17°57	21°11	4° 8	10°24	23°37	23°26	13°44	9°10	M 8
T 9	9 13 24	19°33'03	7♓20	25°59	10° 6	8°43	25°55	17°56	21°10	4°10	10°25	23°25	23°23	13°51	9°14	T 9
W10	9 17 21	20°33'47	22°22	26°21	11°18	9°27	26° 0	17°55	21° 9	4°12	10°25	23°15	23°20	13°57	9°17	W10
T 11	9 21 17	21°34'29	7♈ 0	26°50	12°30	10°11	26° 6	17°53	21° 8	4°13	10°25	23° 7	23°17	14° 4	9°21	T 11
F 12	9 25 14	22°35'10	21°10	27°23	13°43	10°55	26°12	17°51	21° 8	4°15	10°26	23° 2	23°14	14°11	9°25	F 12
S 13	9 29 10	23°35'48	4♉49	28° 1	14°55	11°39	26°17	17°50	21° 7	4°17	10°26	23° 0	23°10	14°17	9°29	S 13
S 14	9 33 7	24°36'25	18° 0	28°43	16° 7	12°23	26°22	17°48	21° 6	4°19	10°27	22°59	23° 7	14°24	9°33	S 14
M15	9 37 4	25°37'01	0♊46	29°29	17°19	13° 7	26°27	17°46	21° 5	4°21	10°27	22°59	23° 4	14°31	9°36	M15
T 16	9 41 0	26°37'34	13°12	0♒19	18°31	13°51	26°32	17°44	21° 5	4°23	10°28	22°59	23° 1	14°38	9°40	T 16
W17	9 44 57	27°38'06	25°24	1°12	19°44	14°35	26°37	17°42	21° 4	4°24	10°28	22°56	22°58	14°44	9°44	W17
T 18	9 48 53	28°38'36	7♋25	2° 9	20°56	15°20	26°41	17°40	21° 3	4°26	10°29	22°51	22°55	14°51	9°48	T 18
F 19	9 52 50	29°39'04	19°19	3° 8	22° 8	16° 4	26°45	17°38	21° 3	4°28	10°29	22°43	22°51	14°58	9°52	F 19
S 20	9 56 46	0♓39'31	1♌11	4°10	23°21	16°48	26°49	17°35	21° 2	4°30	10°30	22°32	22°48	15° 5	9°56	S 20
S 21	10 0 43	1°39'55	13° 3	5°14	24°33	17°32	26°53	17°33	21° 2	4°32	10°30	22°19	22°45	15°11	9°59	S 21
M22	10 4 39	2°40'18	24°56	6°20	25°46	18°17	26°57	17°30	21° 2	4°34	10°31	22° 4	22°42	15°18	10° 3	M22
T 23	10 8 36	3°40'39	6♍52	7°29	26°58	19° 1	27° 1	17°28	21° 1	4°36	10°31	21°50	22°39	15°25	10° 7	T 23
W24	10 12 33	4°40'59	18°52	8°40	28°11	19°45	27° 4	17°25	21° 1	4°38	10°32	21°36	22°36	15°31	10°11	W24
T 25	10 16 29	5°41'16	0♎57	9°52	29°23	20°30	27° 8	17°22	21° 1	4°40	10°33	21°25	22°32	15°38	10°15	T 25
F 26	10 20 26	6°41'33	13°10	11° 7	0♒36	21°14	27°11	17°19	21° 1	4°42	10°33	21°17	22°29	15°45	10°19	F 26
S 27	10 24 22	7°41'47	25°31	12°23	1°49	21°58	27°14	17°16	21° 1	4°44	10°34	21°11	22°26	15°52	10°23	S 27
S 28	10 28 19	8°42'00	8♏ 3	13°41	3° 1	22°43	27°17	17°13	21°D 1	4°46	10°35	21° 8	22°23	15°58	10°26	S 28
M29	10 32 15	9♓42'12	20♏50	15♒ 0	4♒14	23♑27	27♏19	17♎10	21♊ 1	4♈49	10♉35	21°D 8	22♏20	16♌ 5	10♓30	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s22	16s18	1s 8	17s24	3n24	21s44	1n43	23s52	0s27	18s 2	1n 2	4s43	2n34	23n19	0n 9	0n15	1s26	0s 8	15s51	18s51	18s44	12n 5	3s40	5n 0
T 2	17 5	18 52	0n 1	17 38	3 16	21 47	1 40	23 52	0 28	18 4	1 2	4 42	2 34	23 19	0 9	0 16	1 26	0 8	15 50	18 51	18 43	12 3	3 38	5 0
W 3	16 47	20 28	1 12	17 52	3 8	21 49	1 36	23 51	0 28	18 5	1 2	4 42	2 35	23 19	0 9	0 16	1 26	0 8	15 50	18 51	18 43	12 1	3 37	5 0
T 4	16 30	20 52	2 21	18 5	2 58	21 50	1 33	23 51	0 29	18 7	1 3	4 41	2 35	23 19	0 9	0 17	1 26	0 7	15 50	18 50	18 42	11 59	3 36	4 59
F 5	16 12	19 55	3 23	18 18	2 48	21 51	1 30	23 49	0 30	18 8	1 3	4 40	2 35	23 19	0 9	0 18	1 26	0 7	15 49	18 49	18 41	11 57	3 35	4 59
S 6	15 54	17 34	4 14	18 29	2 37	21 51	1 26	23 48	0 31	18 10	1 3	4 40	2 36	23 18	0 9	0 19	1 26	0 6	15 49	18 47	18 40	11 55	3 34	4 59
S 7	15 35	13 59	4 47	18 40	2 25	21 51	1 23	23 47	0 31	18 11	1 3	4 39	2 36	23 18	0 9	0 19	1 26	0 6	15 49	18 44	18 40	11 53	3 32	4 59
M 8	15 17	9 26	5 0	18 50	2 14	21 50	1 20	23 45	0 32	18 12	1 3	4 38	2 36	23 18	0 9	0 20	1 26	0 6	15 48	18 41	18 39	11 51	3 31	4 59
T 9	14 58	4 19	4 51	18 58	2 2	21 48	1 16	23 43	0 33	18 13	1 3	4 38	2 36	23 18	0 9	0 21	1 26	0 5	15 48	18 39	18 38	11 49	3 30	4 59
W10	14 39	1n 0	4 23	19 6	1 50	21 46	1 13	23 41	0 34	18 15	1 3	4 37	2 37	23 18	0 9	0 21	1 26	0 5	15 48	18 36	18 37	11 47	3 29	4 58
T 11	14 19	6 6	3 37	19 12	1 38	21 43	1 9	23 38	0 34	18 16	1 3	4 36	2 37	23 18	0 9	0 22	1 26	0 4	15 47	18 34	18 36	11 45	3 27	4 58
F 12	14 0	10 44	2 40	19 17	1 26	21 39	1 6	23 35	0 35	18 17	1 3	4 35	2 37	23 18	0 9	0 23	1 26	0 4	15 47	18 33	18 36	11 43	3 26	4 58
S 13	13 40	14 37	1 35	19 21	1 15	21 35	1 2	23 32	0 36	18 18	1 4	4 34	2 37	23 18	0 9	0 24	1 26	0 3	15 47	18 32	18 35	11 41	3 25	4 58
S 14	13 20	17 38	0 26	19 24	1 3	21 30	0 59	23 29	0 37	18 19	1 4	4 34	2 38	23 18	0 9	0 24	1 26	0 3	15 46	18 32	18 34	11 39	3 24	4 58
M15	12 59	19 39	0s41	19 26	0 52	21 25	0 56	23 26	0 37	18 20	1 4	4 33	2 38	23 18	0 9	0 25	1 26	0 3	15 46	18 32	18 33	11 37	3 22	4 58
T 16	12 39	20 40	1 45	19 26	0 41	21 19	0 52	23 22	0 38	18 21	1 4	4 32	2 38	23 18	0 9	0 26	1 26	0 2	15 46	18 32	18 32	11 35	3 21	4 58
W17	12 18	20 40	2 42	19 25	0 30	21 12	0 49	23 18	0 39	18 22	1 4	4 31	2 38	23 18	0 9	0 27	1 26	0 2	15 45	18 31	18 32	11 33	3 20	4 58
T 18	11 57	19 44	3 32	19 23	0 19	21 5	0 45	23 14	0 40	18 23	1 4	4 30	2 39	23 18	0 9	0 27	1 26	0 1	15 45	18 30	18 31	11 31	3 18	4 57
F 19	11 36	17 55	4 11	19 20	0 9	20 57	0 42	23 10	0 40	18 24	1 4	4 28	2 39	23 18	0 9	0 28	1 26	0 1	15 45	18 28	18 30	11 29	3 17	4 57
S 20	11 15	15 22	4 40	19 15	0s 1	20 49	0 38	23 5	0 41	18 25	1 5	4 27	2 39	23 18	0 9	0 29	1 26	0 0	15 44	18 25	18 29	11 27	3 16	4 57
S 21	10 53	12 11	4 56	19 9	0 11	20 39	0 35	23 0	0 42	18 26	1 5	4 26	2 39	23 18	0 9	0 30	1 26	0n 0	15 44	18 22	18 28	11 25	3 14	4 57
M22	10 32	8 31	4 59	19 1	0 20	20 30	0 31	22 55	0 43	18 26	1 5	4 25	2 40	23 18	0 9	0 31	1 26	0 1	15 44	18 18	18 28	11 23	3 13	4 57
T 23	10 10	4 31	4 50	18 53	0 29	20 19	0 28	22 50	0 44	18 27	1 5	4 24	2 40	23 18	0 9	0 31	1 26	0 1	15 43	18 14	18 27	11 21	3 12	4 57
W24	9 48	0 19	4 27	18 43	0 38	20 9	0 24	22 44	0 44	18 28	1 5	4 23	2 40	23 18	0 9	0 32	1 26	0 2	15 43	18 11	18 26	11 19	3 10	4 57
T 25	9 26	3s56	3 52	18 32	0 46	19 57	0 21	22 38	0 45	18 28	1 5	4 21	2 40	23 18	0 9	0 33	1 25	0 2	15 43	18 8	18 25	11 17	3 9	4 57
F 26	9 4	8 4	3 7	18 19	0 54	19 45	0 18	22 32	0 46	18 29	1 5	4 20	2 40	23 18	0 9	0 34	1 25	0 3	15 42	18 6	18 24	11 14	3 8	4 57
S 27	8 41	11 55	2 11	18 5	1 2	19 32	0 14	22 26	0 47	18 29	1 5	4 19	2 41	23 18	0 9	0 35	1 25	0 3	15 42	18 4	18 23	11 12	3 6	4 57
S 28	8 19	15 17	1 9	17 50	1 9	19 19	0 11	22 19	0 47	18 30	1 6	4 17	2 41	23 18	0 9	0 35	1 25	0 4	15 42	18 3	18 23	11 10	3 5	4 57
M29	7s56	18s 0	0s 2	17s34	1s16	19s 5	0n 7	22s13	0s48	18s30	1n 6	4s16	2n41	23n18	0n 9	0n36	1s25	0n 4	15s41	18s 3	18s22	11n 8	3s 3	4n57

Julian Day Number = 2401902.5, Delta T = 8.69 sec
Ecliptic obliquity = 23°27'20, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°50'32, Lahiri = 21°57'33

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ASTRODIENST EPHEMERIS for the year 1864
geocentric

MARCH 1864 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 36 12	10♓42'22	3♐55	16♒21	5♒27	24♉12	27♏22	17°R 7	21♊ 1	4♈51	10♉36	21♏ 8	22♏16	16♌12	10♓34	T 1
W 2	10 40 8	11°42'30	17°21	17°43	6°40	24°57	27°24	17♎ 4	21° 1	4°53	10°37	21°R 8	22°13	16°18	10°38	W 2
T 3	10 44 5	12°42'38	1♉12	19° 7	7°53	25°41	27°26	17° 0	21° 1	4°55	10°38	21° 7	22°10	16°25	10°42	T 3
F 4	10 48 2	13°42'43	15°27	20°32	9° 5	26°26	27°28	16°57	21° 1	4°57	10°39	21° 3	22° 7	16°32	10°46	F 4
S 5	10 51 58	14°42'47	0♒ 6	21°58	10°18	27°10	27°29	16°53	21° 2	4°59	10°39	20°57	22° 4	16°39	10°50	S 5
S 6	10 55 55	15°42'49	15° 4	23°25	11°31	27°55	27°31	16°50	21° 2	5° 1	10°40	20°49	22° 1	16°45	10°54	S 6
M 7	10 59 51	16°42'50	0♓13	24°54	12°44	28°40	27°32	16°46	21° 2	5° 4	10°41	20°39	21°57	16°52	10°58	M 7
T 8	11 3 48	17°42'48	15°22	26°24	13°57	29°24	27°33	16°43	21° 3	5° 6	10°42	20°29	21°54	16°59	11° 1	T 8
W 9	11 7 44	18°42'45	0♈22	27°56	15°10	0♒ 9	27°34	16°39	21° 3	5° 8	10°43	20°20	21°51	17° 6	11° 5	W 9
T 10	11 11 41	19°42'39	15° 3	29°28	16°23	0°54	27°35	16°35	21° 4	5°10	10°44	20°13	21°48	17°12	11° 9	T 10
F 11	11 15 37	20°42'32	29°19	1♓ 2	17°36	1°39	27°35	16°31	21° 4	5°12	10°45	20° 9	21°45	17°19	11°13	F 11
S 12	11 19 34	21°42'22	13♉ 6	2°37	18°49	2°23	27°36	16°27	21° 5	5°15	10°46	20° 7	21°41	17°26	11°17	S 12
S 13	11 23 31	22°42'11	26°25	4°13	20° 2	3° 8	27°R36	16°23	21° 6	5°17	10°47	20°D 7	21°38	17°32	11°21	S 13
M14	11 27 27	23°41'57	9♊18	5°50	21°15	3°53	27°36	16°19	21° 7	5°19	10°48	20° 8	21°35	17°39	11°24	M14
T 15	11 31 24	24°41'41	21°48	7°29	22°28	4°38	27°36	16°15	21° 7	5°21	10°48	20°R 8	21°32	17°46	11°28	T 15
W16	11 35 20	25°41'22	4♋ 2	9° 9	23°41	5°23	27°35	16°11	21° 8	5°23	10°49	20° 8	21°29	17°53	11°32	W16
T 17	11 39 17	26°41'01	16° 4	10°50	24°54	6° 8	27°35	16° 7	21° 9	5°26	10°51	20° 6	21°26	17°59	11°36	T 17
F 18	11 43 13	27°40'38	27°58	12°32	26° 7	6°52	27°34	16° 2	21°10	5°28	10°52	20° 2	21°22	18° 6	11°40	F 18
S 19	11 47 10	28°40'13	9♌49	14°15	27°20	7°37	27°33	15°58	21°11	5°30	10°53	19°55	21°19	18°13	11°43	S 19
S 20	11 51 6	29°39'45	21°41	16° 0	28°34	8°22	27°32	15°54	21°12	5°32	10°54	19°47	21°16	18°19	11°47	S 20
M21	11 55 3	0♈39'16	3♍36	17°46	29°47	9° 7	27°30	15°49	21°13	5°35	10°55	19°37	21°13	18°26	11°51	M21
T 22	11 59 0	1°38'44	15°37	19°33	1♓ 0	9°52	27°29	15°45	21°15	5°37	10°56	19°28	21°10	18°33	11°55	T 22
W23	12 2 56	2°38'09	27°46	21°22	2°13	10°37	27°27	15°40	21°16	5°39	10°57	19°19	21° 7	18°40	11°58	W23
T 24	12 6 53	3°37'33	10♎ 2	23°12	3°26	11°22	27°25	15°36	21°17	5°42	10°58	19°12	21° 3	18°46	12° 2	T 24
F 25	12 10 49	4°36'55	22°29	25° 3	4°39	12° 7	27°23	15°31	21°18	5°44	10°59	19° 6	21° 0	18°53	12° 6	F 25
S 26	12 14 46	5°36'15	5♏ 5	26°56	5°52	12°52	27°21	15°27	21°20	5°46	11° 0	19° 3	20°57	19° 0	12° 9	S 26
S 27	12 18 42	6°35'33	17°53	28°50	7° 6	13°37	27°19	15°22	21°21	5°48	11° 1	19°D 2	20°54	19° 7	12°13	S 27
M28	12 22 39	7°34'49	0♐53	0♈45	8°19	14°22	27°16	15°18	21°23	5°51	11° 3	19° 3	20°51	19°13	12°16	M28
T 29	12 26 35	8°34'04	14° 8	2°41	9°32	15° 7	27°13	15°13	21°24	5°53	11° 4	19° 4	20°47	19°20	12°20	T 29
W30	12 30 32	9°33'16	27°39	4°39	10°45	15°52	27°10	15° 9	21°26	5°55	11° 5	19° 6	20°44	19°27	12°24	W30
T 31	12 34 28	10♈32'27	11♉26	6♈38	11♓59	16♒38	27♏ 7	15♎ 4	21♊27	5♈57	11♉ 6	19°R 6	20♏41	19♌33	12♓27	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	7s33	19s51	1n 7	17s16	1s23	18s51	0n 4	22s 6	0s49	18s31	1n 6	4s15	2n41	23n18	0n 9	0n37	1s25	0n 5	15s41	18s 3	18s21	11n 6	3s 2	4n56	T 1
W 2	7 11	20 37	2 15	16 57	1 29	18 36	0 1	21 58	0 50	18 31	1 6	4 13	2 42	23 18	0 9	0 38	1 25	0 5	15 41	18 3	18 20	11 4	3 1	4 56	W 2
T 3	6 48	20 11	3 16	16 36	1 35	18 21	0s 2	21 51	0 51	18 32	1 6	4 12	2 42	23 18	0 9	0 39	1 25	0 6	15 41	18 3	18 19	11 2	2 59	4 56	T 3
F 4	6 25	18 28	4 7	16 14	1 40	18 5	0 6	21 43	0 51	18 32	1 6	4 10	2 42	23 18	0 9	0 40	1 25	0 6	15 40	18 2	18 19	11 0	2 58	4 56	F 4
S 5	6 1	15 31	4 43	15 51	1 45	17 49	0 9	21 35	0 52	18 32	1 6	4 9	2 42	23 18	0 9	0 41	1 25	0 7	15 40	18 0	18 18	10 58	2 56	4 56	S 5
S 6	5 38	11 31	5 1	15 27	1 50	17 32	0 12	21 27	0 53	18 32	1 7	4 7	2 42	23 18	0 9	0 41	1 25	0 7	15 40	17 58	18 17	10 56	2 55	4 56	S 6
M 7	5 15	6 44	4 59	15 2	1 54	17 14	0 15	21 19	0 54	18 32	1 7	4 6	2 42	23 18	0 9	0 42	1 25	0 8	15 39	17 56	18 16	10 54	2 53	4 56	M 7
T 8	4 52	1 32	4 35	14 35	1 58	16 56	0 18	21 11	0 55	18 33	1 7	4 4	2 43	23 18	0 9	0 43	1 25	0 8	15 39	17 53	18 15	10 52	2 52	4 56	T 8
W 9	4 28	3n42	3 53	14 7	2 2	16 38	0 21	21 2	0 55	18 33	1 7	4 2	2 43	23 18	0 9	0 44	1 25	0 9	15 39	17 51	18 14	10 50	2 51	4 56	W 9
T 10	4 5	8 38	2 56	13 37	2 5	16 19	0 24	20 53	0 56	18 33	1 7	4 1	2 43	23 18	0 9	0 45	1 25	0 9	15 39	17 49	18 14	10 48	2 49	4 56	T 10
F 11	3 41	12 56	1 49	13 6	2 8	16 0	0 27	20 44	0 57	18 33	1 7	3 59	2 43	23 18	0 9	0 46	1 25	0 10	15 38	17 48	18 13	10 46	2 48	4 56	F 11
S 12	3 17	16 23	0 37	12 34	2 10	15 40	0 30	20 35	0 58	18 33	1 7	3 58	2 43	23 18	0 9	0 47	1 25	0 10	15 38	17 47	18 12	10 44	2 46	4 56	S 12
S 13	2 54	18 49	0s34	12 1	2 12	15 20	0 33	20 25	0 58	18 33	1 7	3 56	2 43	23 18	0 9	0 48	1 25	0 11	15 38	17 47	18 11	10 42	2 45	4 56	S 13
M14	2 30	20 12	1 41	11 27	2 14	14 59	0 35	20 15	0 59	18 32	1 8	3 54	2 44	23 18	0 9	0 49	1 25	0 11	15 38	17 47	18 10	10 40	2 43	4 56	M14
T 15	2 7	20 31	2 41	10 51	2 15	14 38	0 38	20 5	1 0	18 32	1 8	3 52	2 44	23 18	0 9	0 49	1 25	0 12	15 37	17 47	18 10	10 38	2 42	4 56	T 15
W16	1 43	19 51	3 33	10 14	2 15	14 17	0 41	19 55	1 1	18 32	1 8	3 51	2 44	23 18	0 9	0 50	1 25	0 13	15 37	17 47	18 9	10 35	2 41	4 56	W16
T 17	1 19	18 17	4 14	9 36	2 16	13 55	0 43	19 45	1 2	18 32	1 8	3 49	2 44	23 18	0 9	0 51	1 25	0 13	15 37	17 47	18 8	10 33	2 39	4 56	T 17
F 18	0 55	15 56	4 44	8 57	2 15	13 32	0 46	19 34	1 2	18 32	1 8	3 47	2 44	23 18	0 9	0 52	1 25	0 14	15 37	17 46	18 7	10 31	2 38	4 56	F 18
S 19	0 32	12 57	5 2	8 16	2 14	13 10	0 49	19 24	1 3	18 31	1 8	3 46	2 44	23 18	0 9	0 53	1 25	0 14	15 36	17 44	18 6	10 29	2 36	4 56	S 19
S 20	0 8	9 27	5 6	7 34	2 13	12 47	0 51	19 13	1 4	18 31	1 8	3 44	2 44	23 18	0 9	0 54	1 25	0 15	15 36	17 42	18 5	10 27	2 35	4 56	S 20
M21	0n16	5 34	4 57	6 51	2 12	12 23	0 53	19 2	1 5	18 30	1 8	3 42	2 44	23 19	0 9	0 55	1 25	0 15	15 36	17 39	18 5	10 25	2 33	4 56	M21
T 22	0 39	1 26	4 35	6 7	2 9	12 0	0 56	18 50	1 5	18 30	1 9	3 40	2 44	23 19	0 9	0 56	1 25	0 16	15 36	17 36	18 4	10 23	2 32	4 56	T 22
W23	1 3	2s47	4 1	5 22	2 7	11 36	0 58	18 39	1 6	18 29	1 9	3 38	2 45	23 19	0 9	0 57	1 25	0 16	15 35	17 34	18 3	10 21	2 30	4 56	W23
T 24	1 27	6 58	3 15	4 36	2 3	11 11	1 0	18 27	1 7	18 29	1 9	3 37	2 45	23 19	0 9	0 57	1 25	0 17	15 35	17 32	18 2	10 19	2 29	4 56	T 24
F 25	1 50	10 54	2 19	3 48	2 0	10 47	1 2	18 15	1 8	18 28	1 9	3 35	2 45	23 19	0 9	0 58	1 25	0 17	15 35	17 31	18 1	10 17	2 28	4 56	F 25
S 26	2 14	14 24	1 15	2 59	1 56	10 22	1 5	18 3	1 9	18 28	1 9	3 33	2 45	23 19	0 9	0 59	1 25	0 18	15 35	17 30	18 0	10 15	2 26	4 56	S 26
S 27	2 37	17 16	0 6	2 10	1 51	9 57	1 7	17 51	1 9	18 27	1 9	3 31	2 45	23 19	0 9	1 0	1 25	0 18	15 35	17 30	18 0	10 13	2 25	4 57	S 27
M28	3 1	19 19	1n 4	1 19	1 46	9 31	1 9	17 39	1 10	18 26	1 9	3 29	2 45	23 19	0 9	1 1	1 25	0 19	15 34	17 30	17 59	10 11	2 23	4 57	M28
T 29	3 24	20 20	2 12	0 28	1 40	9 5	1 10	17 26	1 11	18 26	1 9	3 28	2 45	23 19	0 9	1 2	1 25	0 19	15 34	17 30	17 58	10 9	2 22	4 57	T 29
W30	3 47	20 12	3 14	0n25	1 34	8 39	1 12	17 14	1 12	18 25	1 9	3 26	2 45	23 19	0 9	1 3	1 25	0 20	15 34	17 30	17 57	10 6	2 21	4 57	W30
T 31	4n11	18s52	4n 7	1n18	1s27	8s13	1s14	17s 1	1s12	18s24	1n 9	3s24	2n45	23n19	0n 9	1n 4	1s25	0n20	15s34	17s31	17s56	10n 4	2s19	4n57	T 31

Julian Day Number = 2401931.5, Delta T = 8.66 sec
Ecliptic obliquity = 23°27'20, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°50'36, Lahiri = 21°57'37

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ASTRODIENST EPHEMERIS for the year 1864
geocentric

APRIL 1864 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 38 25	11♈31'37	25♉32	8♈38	13♓12	17♒23	27°R 4	14°R59	21♊29	6♈ 0	11♉ 7	19°R 5	20♏38	19♌40	12♓31	F 1
S 2	12 42 22	12°30'44	9♒54	10°40	14°25	18° 8	27♏ 0	14♎55	21°31	6° 2	11° 8	19♏ 3	20°35	19°47	12°34	S 2
S 3	12 46 18	13°29'49	24°30	12°42	15°38	18°53	26°57	14°50	21°33	6° 4	11°10	18°59	20°32	19°54	12°38	S 3
M 4	12 50 15	14°28'53	9♓14	14°45	16°52	19°38	26°53	14°45	21°34	6° 7	11°11	18°54	20°28	20° 0	12°41	M 4
T 5	12 54 11	15°27'55	24° 0	16°50	18° 5	20°23	26°49	14°41	21°36	6° 9	11°12	18°49	20°25	20° 7	12°44	T 5
W 6	12 58 8	16°26'55	8♈40	18°54	19°18	21° 8	26°45	14°36	21°38	6°11	11°13	18°44	20°22	20°14	12°48	W 6
T 7	13 2 4	17°25'53	23° 7	21° 0	20°31	21°54	26°40	14°31	21°40	6°13	11°15	18°41	20°19	20°20	12°51	T 7
F 8	13 6 1	18°24'49	7♉14	23° 5	21°45	22°39	26°36	14°27	21°42	6°15	11°16	18°39	20°16	20°27	12°54	F 8
S 9	13 9 57	19°23'43	20°59	25°11	22°58	23°24	26°31	14°22	21°44	6°18	11°17	18°D38	20°13	20°34	12°58	S 9
S 10	13 13 54	20°22'35	4♊19	27°16	24°11	24° 9	26°26	14°18	21°46	6°20	11°18	18°39	20° 9	20°41	13° 1	S 10
M11	13 17 51	21°21'24	17°16	29°21	25°25	24°54	26°21	14°13	21°48	6°22	11°20	18°41	20° 6	20°47	13° 4	M11
T 12	13 21 47	22°20'12	29°51	1♉25	26°38	25°39	26°16	14° 8	21°50	6°24	11°21	18°42	20° 3	20°54	13° 7	T 12
W13	13 25 44	23°18'57	12♋ 9	3°28	27°51	26°25	26°11	14° 4	21°53	6°27	11°22	18°44	20° 0	21° 1	13°11	W13
T 14	13 29 40	24°17'40	24°14	5°29	29° 5	27°10	26° 6	13°59	21°55	6°29	11°24	18°R44	19°57	21° 8	13°14	T 14
F 15	13 33 37	25°16'20	6♌10	7°28	0♈18	27°55	26° 0	13°55	21°57	6°31	11°25	18°44	19°53	21°14	13°17	F 15
S 16	13 37 33	26°14'59	18° 2	9°25	1°31	28°40	25°54	13°50	22° 0	6°33	11°26	18°42	19°50	21°21	13°20	S 16
S 17	13 41 30	27°13'35	29°56	11°20	2°44	29°25	25°49	13°46	22° 2	6°35	11°28	18°40	19°47	21°28	13°23	S 17
M18	13 45 26	28°12'09	11♍54	13°12	3°58	0♓10	25°43	13°41	22° 4	6°37	11°29	18°37	19°44	21°34	13°26	M18
T 19	13 49 23	29°10'40	24° 0	15° 1	5°11	0°56	25°37	13°37	22° 7	6°40	11°30	18°33	19°41	21°41	13°29	T 19
W20	13 53 20	0♉ 9'10	6♎16	16°46	6°24	1°41	25°31	13°33	22° 9	6°42	11°32	18°31	19°38	21°48	13°32	W20
T 21	13 57 16	1° 7'38	18°45	18°28	7°38	2°26	25°24	13°28	22°12	6°44	11°33	18°28	19°34	21°55	13°35	T 21
F 22	14 1 13	2° 6'04	1♏27	20° 6	8°51	3°11	25°18	13°24	22°14	6°46	11°34	18°27	19°31	22° 1	13°38	F 22
S 23	14 5 9	3° 4'28	14°23	21°40	10° 4	3°56	25°11	13°20	22°17	6°48	11°36	18°D26	19°28	22° 8	13°40	S 23
S 24	14 9 6	4° 2'50	27°33	23°10	11°18	4°41	25° 5	13°16	22°19	6°50	11°37	18°26	19°25	22°15	13°43	S 24
M25	14 13 2	5° 1'11	10♐56	24°35	12°31	5°26	24°58	13°11	22°22	6°52	11°38	18°27	19°22	22°21	13°46	M25
T 26	14 16 59	5°59'30	24°32	25°56	13°44	6°12	24°51	13° 7	22°25	6°54	11°40	18°28	19°18	22°28	13°49	T 26
W27	14 20 55	6°57'47	8♑19	27°13	14°58	6°57	24°45	13° 3	22°27	6°56	11°41	18°29	19°15	22°35	13°51	W27
T 28	14 24 52	7°56'03	22°17	28°25	16°11	7°42	24°38	12°59	22°30	6°58	11°42	18°30	19°12	22°42	13°54	T 28
F 29	14 28 49	8°54'17	6♒23	29°33	17°24	8°27	24°31	12°55	22°33	7° 0	11°44	18°R30	19° 9	22°48	13°57	F 29
S 30	14 32 45	9♉52'30	20♒37	0♊35	18♈38	9♓12	24♏23	12♎51	22♊36	7♈ 2	11♉45	18♏30	19♏ 6	22♌55	13♓59	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n34	16s22	4n45	2n12	1s20	7s46	1s16	16s48	1s13	18s23	1n10	3s22	2n45	23n20	0n 9	1n 5	1s25	0n21	15s34	17s30	17s55	10n 2	2s18	4n57
S 2	4 57	12 51	5 7	3 7	1 12	7 20	1 17	16 35	1 14	18 22	1 10	3 20	2 45	23 20	0 9	1 5	1 25	0 21	15 33	17 30	17 54	10 0	2 16	4 57
S 3	5 20	8 30	5 10	4 3	1 4	6 53	1 19	16 21	1 15	18 21	1 10	3 19	2 45	23 20	0 9	1 6	1 25	0 22	15 33	17 29	17 54	9 58	2 15	4 57
M 4	5 43	3 36	4 52	4 59	0 55	6 26	1 20	16 8	1 15	18 20	1 10	3 17	2 45	23 20	0 9	1 7	1 25	0 22	15 33	17 27	17 53	9 56	2 14	4 57
T 5	6 6	1n31	4 15	5 55	0 46	5 58	1 22	15 54	1 16	18 19	1 10	3 15	2 45	23 20	0 9	1 8	1 25	0 23	15 33	17 26	17 52	9 54	2 12	4 57
W 6	6 28	6 31	3 21	6 51	0 36	5 31	1 23	15 40	1 17	18 18	1 10	3 13	2 45	23 20	0 9	1 9	1 25	0 23	15 33	17 25	17 51	9 52	2 11	4 57
T 7	6 51	11 5	2 15	7 48	0 26	5 3	1 25	15 27	1 18	18 17	1 10	3 11	2 45	23 20	0 9	1 10	1 25	0 24	15 33	17 24	17 50	9 50	2 9	4 57
F 8	7 13	14 55	1 2	8 44	0 16	4 35	1 26	15 12	1 18	18 16	1 10	3 10	2 45	23 20	0 9	1 11	1 25	0 24	15 32	17 23	17 49	9 48	2 8	4 58
S 9	7 36	17 48	0s13	9 40	0 5	4 7	1 27	14 58	1 19	18 15	1 10	3 8	2 45	23 21	0 9	1 12	1 25	0 25	15 32	17 23	17 49	9 46	2 7	4 58
S 10	7 58	19 38	1 25	10 36	0n 6	3 39	1 28	14 44	1 20	18 14	1 10	3 6	2 45	23 21	0 9	1 12	1 25	0 25	15 32	17 23	17 48	9 44	2 5	4 58
M11	8 20	20 21	2 31	11 31	0 17	3 11	1 29	14 30	1 20	18 13	1 10	3 4	2 45	23 21	0 9	1 13	1 25	0 26	15 32	17 24	17 47	9 41	2 4	4 58
T 12	8 42	20 0	3 27	12 24	0 28	2 43	1 30	14 15	1 21	18 11	1 10	3 2	2 45	23 21	0 9	1 14	1 25	0 26	15 32	17 24	17 46	9 39	2 3	4 58
W13	9 4	18 42	4 13	13 17	0 39	2 15	1 31	14 0	1 22	18 10	1 10	3 1	2 45	23 21	0 9	1 15	1 26	0 27	15 32	17 24	17 45	9 37	2 1	4 58
T 14	9 26	16 35	4 46	14 9	0 50	1 46	1 32	13 45	1 23	18 9	1 11	2 59	2 45	23 21	0 9	1 16	1 26	0 27	15 32	17 25	17 44	9 35	2 0	4 58
F 15	9 47	13 47	5 7	14 58	1 1	1 18	1 32	13 31	1 23	18 8	1 11	2 57	2 45	23 21	0 9	1 17	1 26	0 28	15 32	17 24	17 43	9 33	1 59	4 58
S 16	10 8	10 27	5 14	15 46	1 12	0 49	1 33	13 15	1 24	18 6	1 11	2 56	2 45	23 22	0 9	1 18	1 26	0 28	15 31	17 24	17 43	9 31	1 58	4 58
S 17	10 30	6 41	5 8	16 32	1 22	0 20	1 33	13 0	1 25	18 5	1 11	2 54	2 45	23 22	0 9	1 18	1 26	0 29	15 31	17 23	17 42	9 29	1 56	4 59
M18	10 51	2 39	4 49	17 16	1 32	0n 8	1 34	12 45	1 25	18 3	1 11	2 52	2 45	23 22	0 9	1 19	1 26	0 29	15 31	17 22	17 41	9 27	1 55	4 59
T 19	11 11	1s32	4 17	17 58	1 42	0 37	1 34	12 30	1 26	18 2	1 11	2 51	2 45	23 22	0 9	1 20	1 26	0 30	15 31	17 22	17 40	9 25	1 54	4 59
W20	11 32	5 44	3 32	18 38	1 51	1 6	1 35	12 14	1 27	18 0	1 11	2 49	2 45	23 22	0 9	1 21	1 26	0 30	15 31	17 21	17 39	9 23	1 52	4 59
T 21	11 52	9 46	2 37	19 15	1 59	1 34	1 35	11 58	1 27	17 59	1 11	2 47	2 45	23 22	0 9	1 22	1 26	0 31	15 31	17 20	17 38	9 21	1 51	4 59
F 22	12 13	13 26	1 32	19 49	2 7	2 3	1 35	11 43	1 28	17 57	1 11	2 46	2 45	23 22	0 9	1 23	1 26	0 31	15 31	17 20	17 37	9 19	1 50	4 59
S 23	12 33	16 31	0 22	20 21	2 14	2 32	1 35	11 27	1 29	17 56	1 11	2 44	2 45	23 23	0 9	1 23	1 26	0 32	15 31	17 20	17 37	9 16	1 49	4 59
S 24	12 53	18 49	0n50	20 50	2 21	3 0	1 35	11 11	1 29	17 54	1 11	2 43	2 44	23 23	0 9	1 24	1 26	0 32	15 31	17 20	17 36	9 14	1 48	5 0
M25	13 12	20 6	2 1	21 17	2 26	3 29	1 35	10 55	1 30	17 53	1 11	2 41	2 44	23 23	0 9	1 25	1 26	0 33	15 31	17 20	17 35	9 12	1 46	5 0
T 26	13 32	20 14	3 7	21 42	2 31	3 58	1 35	10 39	1 31	17 51	1 11	2 40	2 44	23 23	0 9	1 26	1 26	0 33	15 31	17 20	17 34	9 10	1 45	5 0
W27	13 51	19 10	4 2	22 3	2 35	4 26	1 35	10 23	1 31	17 49	1 11	2 38	2 44	23 23	0 9	1 26	1 26	0 33	15 31	17 20	17 33	9 8	1 44	5 0
T 28	14 10	16 56	4 44	22 23	2 37	4 54	1 35	10 7	1 32	17 48	1 11	2 37	2 44	23 23	0 9	1 27	1 26	0 34	15 31	17 21	17 32	9 6	1 43	5 0
F 29	14 29	13 41	5 10	22 40	2 39	5 23	1 35	9 50	1 33	17 46	1 11	2 35	2 44	23 24	0 9	1 28	1 26	0 34	15 31	17 21	17 31	9 4	1 42	5 0
S 30	14n47	9s37	5n16	22n54	2n40	5n51	1s34	9s34	1s33	17s44	1n11	2s34	2n44	23n24	0n 9	1n29	1s26	0n35	15s31	17s21	17s30	9n 2	1s41	5n 1

Julian Day Number = 2401962.5, Delta T = 8.63 sec
Ecliptic obliquity = 23°27'20, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°50'41, Lahiri = 21°57'41

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ASTRODIENST EPHEMERIS for the year 1864
geocentric

MAY 1864 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 36 42	10♉50'41	4♓56	1♊33	19♈51	9♓57	24°R16	12°R48	22♊39	7♈ 4	11♉46	18°R29	19♏ 3	23♌ 2	14♓ 2	S 1
M 2	14 40 38	11°48'51	19°16	2°26	21° 4	10°42	24♏ 9	12♎44	22°42	7° 6	11°48	18♏29	18°59	23° 9	14° 4	M 2
T 3	14 44 35	12°46'59	3♈34	3°14	22°18	11°27	24° 2	12°40	22°44	7° 8	11°49	18°28	18°56	23°15	14° 6	T 3
W 4	14 48 31	13°45'06	17°46	3°57	23°31	12°12	23°54	12°37	22°47	7°10	11°51	18°27	18°53	23°22	14° 9	W 4
T 5	14 52 28	14°43'12	1♉47	4°35	24°44	12°57	23°47	12°33	22°50	7°12	11°52	18°27	18°50	23°29	14°11	T 5
F 6	14 56 24	15°41'16	15°34	5° 8	25°58	13°42	23°39	12°29	22°53	7°14	11°53	18°D27	18°47	23°35	14°13	F 6
S 7	15 0 21	16°39'18	29° 4	5°36	27°11	14°27	23°32	12°26	22°56	7°16	11°55	18°27	18°44	23°42	14°16	S 7
S 8	15 4 17	17°37'18	12♊15	5°58	28°24	15°12	23°24	12°23	22°59	7°17	11°56	18°27	18°40	23°49	14°18	S 8
M 9	15 8 14	18°35'17	25° 8	6°16	29°38	15°57	23°17	12°19	23° 3	7°19	11°57	18°R27	18°37	23°56	14°20	M 9
T 10	15 12 11	19°33'15	7♋42	6°28	0♉51	16°42	23° 9	12°16	23° 6	7°21	11°59	18°27	18°34	24° 2	14°22	T 10
W11	15 16 7	20°31'10	20° 1	6°35	2° 4	17°27	23° 2	12°13	23° 9	7°23	12° 0	18°27	18°31	24° 9	14°24	W11
T 12	15 20 4	21°29'04	2♌ 8	6°R37	3°18	18°12	22°54	12°10	23°12	7°25	12° 1	18°27	18°28	24°16	14°26	T 12
F 13	15 24 0	22°26'56	14° 6	6°35	4°31	18°57	22°46	12° 7	23°15	7°26	12° 3	18°26	18°24	24°23	14°28	F 13
S 14	15 27 57	23°24'46	25°59	6°27	5°45	19°42	22°39	12° 4	23°18	7°28	12° 4	18°D26	18°21	24°29	14°30	S 14
S 15	15 31 53	24°22'34	7♍53	6°16	6°58	20°26	22°31	12° 1	23°21	7°30	12° 5	18°27	18°18	24°36	14°32	S 15
M16	15 35 50	25°20'21	19°52	5°59	8°11	21°11	22°23	11°58	23°25	7°32	12° 7	18°27	18°15	24°43	14°34	M16
T 17	15 39 46	26°18'06	2♎ 0	5°40	9°25	21°56	22°16	11°56	23°28	7°33	12° 8	18°28	18°12	24°49	14°35	T 17
W18	15 43 43	27°15'49	14°22	5°16	10°38	22°41	22° 8	11°53	23°31	7°35	12° 9	18°29	18° 9	24°56	14°37	W18
T 19	15 47 40	28°13'31	26°59	4°50	11°51	23°25	22° 1	11°51	23°35	7°36	12°11	18°29	18° 5	25° 3	14°39	T 19
F 20	15 51 36	29°11'12	9♏55	4°20	13° 5	24°10	21°53	11°48	23°38	7°38	12°12	18°30	18° 2	25°10	14°40	F 20
S 21	15 55 33	0♊ 8'51	23° 9	3°49	14°18	24°54	21°46	11°46	23°41	7°40	12°13	18°R30	17°59	25°16	14°42	S 21
S 22	15 59 29	1° 6'28	6♐42	3°16	15°31	25°39	21°38	11°44	23°45	7°41	12°15	18°29	17°56	25°23	14°43	S 22
M23	16 3 26	2° 4'05	20°32	2°43	16°45	26°23	21°31	11°42	23°48	7°43	12°16	18°28	17°53	25°30	14°45	M23
T 24	16 7 22	3° 1'41	4♑35	2° 8	17°58	27° 8	21°23	11°40	23°51	7°44	12°17	18°27	17°50	25°36	14°46	T 24
W25	16 11 19	3°59'15	18°47	1°35	19°11	27°52	21°16	11°38	23°55	7°46	12°18	18°25	17°46	25°43	14°47	W25
T 26	16 15 16	4°56'49	3♒ 5	1° 1	20°25	28°37	21° 9	11°36	23°58	7°47	12°20	18°23	17°43	25°50	14°49	T 26
F 27	16 19 12	5°54'21	17°25	0°30	21°38	29°21	21° 1	11°34	24° 2	7°48	12°21	18°21	17°40	25°57	14°50	F 27
S 28	16 23 9	6°51'53	1♓42	29♉59	22°52	0♈ 6	20°54	11°32	24° 5	7°50	12°22	18°D21	17°37	26° 3	14°51	S 28
S 29	16 27 5	7°49'24	15°54	29°33	24° 5	0°50	20°47	11°31	24° 8	7°51	12°24	18°21	17°34	26°10	14°52	S 29
M30	16 31 2	8°46'54	29°58	29° 8	25°18	1°34	20°40	11°29	24°12	7°52	12°25	18°22	17°30	26°17	14°53	M30
T 31	16 34 58	9♊44'23	13♈54	28♉47	26♉32	2♈18	20♏33	11♎28	24♊15	7♈54	12♉26	18♏23	17♏27	26♌24	14♓54	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 5	5s 0	5n 4	23n 6	2n40	6n19	1s34	9s17	1s34	17s42	1n11	2s33	2n44	23n24	0n 9	1n30	1s26	0n35	15s30	17s20	17s30	9n 0	1s39	5n 1
M 2	15 23	0 5	4 32	23 16	2 39	6 47	1 33	9 1	1 35	17 41	1 11	2 31	2 44	23 24	0 9	1 30	1 26	0 36	15 30	17 20	17 29	8 58	1 38	5 1
T 3	15 41	4n50	3 44	23 23	2 37	7 15	1 33	8 44	1 35	17 39	1 11	2 30	2 43	23 24	0 9	1 31	1 26	0 36	15 30	17 20	17 28	8 55	1 37	5 1
W 4	15 59	9 28	2 42	23 28	2 34	7 43	1 32	8 28	1 36	17 37	1 11	2 29	2 43	23 24	0 9	1 32	1 26	0 36	15 30	17 20	17 27	8 53	1 36	5 1
T 5	16 16	13 32	1 31	23 31	2 29	8 10	1 31	8 11	1 36	17 35	1 11	2 27	2 43	23 24	0 9	1 32	1 26	0 37	15 30	17 20	17 26	8 51	1 35	5 2
F 6	16 33	16 46	0 16	23 32	2 24	8 38	1 31	7 54	1 37	17 34	1 11	2 26	2 43	23 25	0 9	1 33	1 26	0 37	15 30	17 20	17 25	8 49	1 34	5 2
S 7	16 50	19 1	0s59	23 30	2 17	9 5	1 30	7 37	1 38	17 32	1 11	2 25	2 43	23 25	0 9	1 34	1 26	0 38	15 30	17 20	17 24	8 47	1 33	5 2
S 8	17 6	20 10	2 8	23 27	2 10	9 32	1 29	7 20	1 38	17 30	1 10	2 24	2 43	23 25	0 9	1 35	1 26	0 38	15 30	17 20	17 23	8 45	1 32	5 2
M 9	17 22	20 12	3 10	23 21	2 1	9 58	1 28	7 3	1 39	17 28	1 10	2 23	2 42	23 25	0 9	1 35	1 26	0 38	15 30	17 20	17 23	8 43	1 31	5 2
T 10	17 38	19 14	4 0	23 13	1 51	10 25	1 27	6 47	1 39	17 26	1 10	2 22	2 42	23 25	0 9	1 36	1 26	0 39	15 30	17 20	17 22	8 41	1 30	5 3
W11	17 53	17 22	4 39	23 4	1 40	10 51	1 26	6 30	1 40	17 24	1 10	2 21	2 42	23 25	0 9	1 37	1 26	0 39	15 30	17 20	17 21	8 39	1 29	5 3
T 12	18 9	14 45	5 4	22 52	1 28	11 17	1 25	6 12	1 40	17 23	1 10	2 20	2 42	23 26	0 9	1 37	1 26	0 39	15 30	17 20	17 20	8 37	1 28	5 3
F 13	18 24	11 34	5 16	22 39	1 15	11 43	1 24	5 55	1 41	17 21	1 10	2 19	2 42	23 26	0 9	1 38	1 26	0 40	15 31	17 20	17 19	8 34	1 27	5 3
S 14	18 38	7 56	5 14	22 24	1 1	12 9	1 22	5 38	1 41	17 19	1 10	2 18	2 42	23 26	0 9	1 39	1 26	0 40	15 31	17 20	17 18	8 32	1 26	5 3
S 15	18 53	3 59	4 59	22 7	0 46	12 34	1 21	5 21	1 42	17 17	1 10	2 17	2 41	23 26	0 9	1 39	1 26	0 40	15 31	17 20	17 17	8 30	1 25	5 4
M16	19 7	0s 8	4 31	21 49	0 31	12 59	1 20	5 4	1 42	17 15	1 10	2 16	2 41	23 26	0 9	1 40	1 27	0 41	15 31	17 20	17 16	8 28	1 25	5 4
T 17	19 20	4 19	3 50	21 30	0 14	13 24	1 18	4 47	1 43	17 13	1 10	2 15	2 41	23 26	0 9	1 40	1 27	0 41	15 31	17 20	17 16	8 26	1 24	5 4
W18	19 34	8 24	2 58	21 9	0s 2	13 48	1 17	4 30	1 43	17 12	1 10	2 14	2 41	23 27	0 9	1 41	1 27	0 41	15 31	17 20	17 15	8 24	1 23	5 4
T 19	19 47	12 13	1 56	20 48	0 20	14 12	1 15	4 12	1 44	17 10	1 10	2 13	2 41	23 27	0 9	1 42	1 27	0 42	15 31	17 20	17 14	8 22	1 22	5 4
F 20	19 59	15 33	0 47	20 25	0 37	14 36	1 14	3 55	1 44	17 8	1 9	2 13	2 40	23 27	0 9	1 42	1 27	0 42	15 31	17 21	17 13	8 20	1 21	5 5
S 21	20 12	18 10	0n26	20 2	0 55	14 59	1 12	3 38	1 45	17 6	1 9	2 12	2 40	23 27	0 9	1 43	1 27	0 42	15 31	17 21	17 12	8 18	1 20	5 5
S 22	20 24	19 49	1 39	19 39	1 12	15 22	1 11	3 20	1 45	17 4	1 9	2 11	2 40	23 27	0 9	1 43	1 27	0 43	15 31	17 20	17 11	8 15	1 20	5 5
M23	20 35	20 19	2 48	19 15	1 29	15 45	1 9	3 3	1 46	17 3	1 9	2 10	2 40	23 27	0 9	1 44	1 27	0 43	15 31	17 20	17 10	8 13	1 19	5 5
T 24	20 47	19 35	3 48	18 52	1 46	16 7	1 7	2 46	1 46	17 1	1 9	2 10	2 40	23 28	0 9	1 44	1 27	0 43	15 31	17 20	17 9	8 11	1 18	5 6
W25	20 58	17 36	4 34	18 29	2 3	16 29	1 5	2 29	1 47	16 59	1 9	2 9	2 39	23 28	0 9	1 45	1 27	0 44	15 31	17 19	17 8	8 9	1 17	5 6
T 26	21 8	14 32	5 4	18 7	2 19	16 51	1 4	2 11	1 47	16 57	1 9	2 9	2 39	23 28	0 9	1 45	1 27	0 44	15 31	17 19	17 8	8 7	1 17	5 6
F 27	21 18	10 37	5 15	17 46	2 34	17 12	1 2	1 54	1 48	16 55	1 8	2 8	2 39	23 28	0 9	1 46	1 27	0 44	15 31	17 18	17 7	8 5	1 16	5 6
S 28	21 28	6 6	5 7	17 26	2 48	17 32	1 0	1 37	1 48	16 54	1 8	2 8	2 39	23 28	0 9	1 46	1 27	0 44	15 32	17 18	17 6	8 3	1 15	5 7
S 29	21 38	1 16	4 40	17 7	3 1	17 52	0 58	1 20	1 48	16 52	1 8	2 7	2 39	23 28	0 9	1 47	1 27	0 45	15 32	17 18	17 5	8 1	1 15	5 7
M30	21 47	3n36	3 56	16 50	3 13	18 12	0 56	1 2	1 49	16 50	1 8	2 7	2 38	23 29	0 9	1 47	1 27	0 45	15 32	17 18	17 4	7 59	1 14	5 7
T 31	21n56	8n14	2n59	16n35	3s24	18n31	0s54	0s45	1s49	16s49	1n 8	2s 7	2n38	23n29	0n 9	1n48	1s27	0n45	15s32	17s19	17s 3	7n56	1s13	5n 7

Julian Day Number = 2401992.5, Delta T = 8.59 sec
Ecliptic obliquity = 23°27'19, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°50'45, Lahiri = 21°57'45

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ASTRODIENST EPHEMERIS for the year 1864
geocentric

JUNE 1864 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 38 55	10♊41'52	27♈39	28°R29	27♉45	3♈ 2	20°R27	11°R27	24♊19	7♈55	12♉27	18♏24	17♏24	26♌30	14♓55	W 1
T 2	16 42 51	11°39'20	11♉13	28♉15	28°59	3°47	20♏20	11♎25	24°22	7°56	12°28	18°25	17°21	26°37	14°56	T 2
F 3	16 46 48	12°36'47	24°35	28° 5	0♊12	4°31	20°13	11°24	24°26	7°57	12°30	18°R25	17°18	26°44	14°57	F 3
S 4	16 50 44	13°34'13	7♊44	27°59	1°26	5°15	20° 7	11°23	24°29	7°59	12°31	18°24	17°15	26°50	14°58	S 4
S 5	16 54 41	14°31'38	20°39	27°D58	2°39	5°59	20° 0	11°22	24°33	8° 0	12°32	18°22	17°11	26°57	14°59	S 5
M 6	16 58 38	15°29'03	3♋19	28° 1	3°52	6°42	19°54	11°22	24°37	8° 1	12°33	18°18	17° 8	27° 4	14°59	M 6
T 7	17 2 34	16°26'27	15°47	28° 9	5° 6	7°26	19°48	11°21	24°40	8° 2	12°34	18°14	17° 5	27°11	15° 0	T 7
W 8	17 6 31	17°23'49	28° 2	28°21	6°19	8°10	19°42	11°20	24°44	8° 3	12°36	18° 9	17° 2	27°17	15° 0	W 8
T 9	17 10 27	18°21'11	10♌ 6	28°37	7°33	8°54	19°36	11°20	24°47	8° 4	12°37	18° 4	16°59	27°24	15° 1	T 9
F 10	17 14 24	19°18'32	22° 3	28°58	8°46	9°37	19°30	11°19	24°51	8° 5	12°38	18° 0	16°56	27°31	15° 1	F 10
S 11	17 18 20	20°15'52	3♍56	29°24	10° 0	10°21	19°24	11°19	24°54	8° 6	12°39	17°58	16°52	27°37	15° 2	S 11
S 12	17 22 17	21°13'10	15°49	29°54	11°13	11° 4	19°19	11°19	24°58	8° 7	12°40	17°D56	16°49	27°44	15° 2	S 12
M13	17 26 14	22°10'28	27°47	0♊28	12°27	11°48	19°13	11°D19	25° 2	8° 8	12°41	17°56	16°46	27°51	15° 2	M13
T 14	17 30 10	23° 7'45	9♎54	1° 7	13°40	12°31	19° 8	11°19	25° 5	8° 9	12°42	17°57	16°43	27°58	15° 3	T 14
W15	17 34 7	24° 5'02	22°16	1°49	14°54	13°14	19° 3	11°19	25° 9	8°10	12°43	17°59	16°40	28° 4	15° 3	W15
T 16	17 38 3	25° 2'17	4♏57	2°36	16° 7	13°58	18°58	11°19	25°12	8°11	12°44	18° 0	16°36	28°11	15° 3	T 16
F 17	17 42 0	25°59'32	17°59	3°27	17°21	14°41	18°53	11°19	25°16	8°11	12°45	18°R 1	16°33	28°18	15° 3	F 17
S 18	17 45 56	26°56'46	1♐25	4°22	18°34	15°24	18°48	11°20	25°19	8°12	12°46	18° 0	16°30	28°25	15°R 3	S 18
S 19	17 49 53	27°53'59	15°16	5°20	19°48	16° 7	18°44	11°20	25°23	8°13	12°47	17°58	16°27	28°31	15° 3	S 19
M20	17 53 49	28°51'12	29°28	6°23	21° 1	16°50	18°39	11°21	25°27	8°14	12°49	17°53	16°24	28°38	15° 3	M20
T 21	17 57 46	29°48'25	13♑58	7°29	22°15	17°33	18°35	11°22	25°30	8°14	12°49	17°48	16°21	28°45	15° 3	T 21
W22	18 1 43	0♋45'37	28°38	8°39	23°28	18°16	18°31	11°22	25°34	8°15	12°50	17°42	16°17	28°51	15° 3	W22
T 23	18 5 39	1°42'49	13♒22	9°52	24°42	18°58	18°27	11°23	25°37	8°16	12°51	17°35	16°14	28°58	15° 2	T 23
F 24	18 9 36	2°40'01	28° 2	11°10	25°55	19°41	18°23	11°24	25°41	8°16	12°52	17°30	16°11	29° 5	15° 2	F 24
S 25	18 13 32	3°37'13	12♓32	12°30	27° 9	20°23	18°19	11°25	25°44	8°17	12°53	17°26	16° 8	29°12	15° 2	S 25
S 26	18 17 29	4°34'25	26°48	13°55	28°23	21° 6	18°16	11°27	25°48	8°17	12°54	17°25	16° 5	29°18	15° 1	S 26
M27	18 21 25	5°31'37	10♈48	15°23	29°36	21°48	18°13	11°28	25°52	8°18	12°55	17°D24	16° 2	29°25	15° 1	M27
T 28	18 25 22	6°28'49	24°31	16°54	0♋50	22°31	18°10	11°29	25°55	8°18	12°56	17°25	15°58	29°32	15° 0	T 28
W29	18 29 18	7°26'02	7♉58	18°29	2° 4	23°13	18° 7	11°31	25°59	8°19	12°57	17°26	15°55	29°38	14°59	W29
T 30	18 33 15	8♋23'14	21♉11	20♊ 7	3♋17	23♈55	18♏ 4	11♎32	26♊ 2	8♈19	12♉58	17°R27	15♏52	29♌45	14♓59	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 4	12n23	1n52	16n22	3s33	18n50	0s52	0s28	1s49	16s47	1n 8	2s 6	2n38	23n29	0n 9	1n48	1s27	0n45	15s32	17s19	17s 2	7n54	1s13	5n 7
T 2	22 12	15 50	0 40	16 11	3 42	19 8	0 50	0 11	1 50	16 45	1 7	2 6	2 38	23 29	0 9	1 49	1 27	0 46	15 32	17 19	17 1	7 52	1 12	5 8
F 3	22 19	18 23	0s34	16 2	3 49	19 26	0 48	0n 6	1 50	16 44	1 7	2 6	2 37	23 29	0 9	1 49	1 27	0 46	15 32	17 19	17 0	7 50	1 12	5 8
S 4	22 27	19 54	1 44	15 55	3 55	19 43	0 45	0 24	1 51	16 42	1 7	2 6	2 37	23 29	0 9	1 50	1 27	0 46	15 32	17 19	17 0	7 48	1 11	5 8
S 5	22 33	20 20	2 48	15 50	3 59	20 0	0 43	0 41	1 51	16 41	1 7	2 6	2 37	23 30	0 9	1 50	1 27	0 46	15 33	17 18	16 59	7 46	1 11	5 8
M 6	22 40	19 43	3 42	15 47	4 3	20 16	0 41	0 58	1 51	16 39	1 7	2 6	2 37	23 30	0 9	1 51	1 27	0 46	15 33	17 17	16 58	7 44	1 10	5 9
T 7	22 46	18 9	4 24	15 46	4 5	20 32	0 39	1 15	1 51	16 38	1 7	2 6	2 36	23 30	0 9	1 51	1 28	0 47	15 33	17 16	16 57	7 42	1 10	5 9
W 8	22 51	15 47	4 53	15 48	4 6	20 47	0 37	1 32	1 52	16 36	1 6	2 6	2 36	23 30	0 9	1 51	1 28	0 47	15 33	17 15	16 56	7 40	1 9	5 9
T 9	22 57	12 45	5 9	15 51	4 7	21 1	0 34	1 49	1 52	16 35	1 6	2 6	2 36	23 30	0 9	1 52	1 28	0 47	15 33	17 13	16 55	7 37	1 9	5 9
F 10	23 1	9 15	5 11	15 57	4 6	21 15	0 32	2 6	1 52	16 34	1 6	2 6	2 36	23 30	0 9	1 52	1 28	0 47	15 33	17 12	16 54	7 35	1 8	5 10
S 11	23 6	5 24	5 0	16 4	4 4	21 28	0 30	2 22	1 53	16 32	1 6	2 6	2 35	23 30	0 9	1 52	1 28	0 47	15 34	17 12	16 53	7 33	1 8	5 10
S 12	23 10	1 21	4 36	16 13	4 1	21 41	0 27	2 39	1 53	16 31	1 6	2 6	2 35	23 31	0 9	1 53	1 28	0 47	15 34	17 11	16 52	7 31	1 8	5 10
M13	23 13	2s47	4 0	16 24	3 57	21 53	0 25	2 56	1 53	16 30	1 5	2 6	2 35	23 31	0 9	1 53	1 28	0 47	15 34	17 11	16 51	7 29	1 7	5 10
T 14	23 17	6 53	3 13	16 36	3 52	22 5	0 23	3 13	1 53	16 28	1 5	2 6	2 35	23 31	0 9	1 53	1 28	0 48	15 34	17 12	16 51	7 27	1 7	5 11
W15	23 19	10 46	2 16	16 50	3 47	22 16	0 20	3 29	1 54	16 27	1 5	2 7	2 34	23 31	0 9	1 54	1 28	0 48	15 34	17 12	16 50	7 25	1 7	5 11
T 16	23 22	14 17	1 11	17 5	3 41	22 26	0 18	3 46	1 54	16 26	1 5	2 7	2 34	23 31	0 9	1 54	1 28	0 48	15 34	17 12	16 49	7 23	1 7	5 11
F 17	23 24	17 12	0 0	17 22	3 34	22 36	0 15	4 2	1 54	16 25	1 4	2 7	2 34	23 31	0 9	1 54	1 28	0 48	15 35	17 13	16 48	7 21	1 6	5 11
S 18	23 25	19 17	1n12	17 39	3 26	22 45	0 13	4 19	1 54	16 24	1 4	2 8	2 34	23 31	0 9	1 54	1 28	0 48	15 35	17 12	16 47	7 18	1 6	5 12
S 19	23 26	20 17	2 22	17 58	3 18	22 53	0 11	4 35	1 54	16 23	1 4	2 8	2 33	23 32	0 9	1 55	1 28	0 48	15 35	17 12	16 46	7 16	1 6	5 12
M20	23 27	20 2	3 26	18 17	3 9	23 1	0 8	4 51	1 55	16 22	1 4	2 9	2 33	23 32	0 9	1 55	1 28	0 48	15 35	17 10	16 45	7 14	1 6	5 12
T 21	23 27	18 28	4 17	18 37	3 0	23 8	0 6	5 8	1 55	16 21	1 4	2 9	2 33	23 32	0 9	1 55	1 28	0 48	15 35	17 9	16 44	7 12	1 6	5 12
W22	23 27	15 41	4 52	18 58	2 50	23 14	0 3	5 24	1 55	16 20	1 3	2 10	2 33	23 32	0 9	1 55	1 28	0 48	15 36	17 7	16 43	7 10	1 5	5 13
T 23	23 27	11 54	5 8	19 19	2 40	23 20	0 1	5 40	1 55	16 19	1 3	2 10	2 32	23 32	0 9	1 55	1 28	0 48	15 36	17 5	16 42	7 8	1 5	5 13
F 24	23 26	7 25	5 3	19 40	2 29	23 25	0n 1	5 56	1 55	16 18	1 3	2 11	2 32	23 32	0 9	1 56	1 28	0 49	15 36	17 4	16 41	7 6	1 5	5 13
S 25	23 24	2 33	4 40	20 2	2 18	23 29	0 4	6 12	1 55	16 18	1 3	2 11	2 32	23 32	0 9	1 56	1 29	0 49	15 36	17 3	16 41	7 4	1 5	5 13
S 26	23 23	2n23	3 59	20 24	2 6	23 33	0 6	6 27	1 55	16 17	1 2	2 12	2 32	23 32	0 9	1 56	1 29	0 49	15 37	17 2	16 40	7 1	1 5	5 13
M27	23 20	7 6	3 4	20 45	1 55	23 36	0 9	6 43	1 55	16 16	1 2	2 13	2 31	23 33	0 9	1 56	1 29	0 49	15 37	17 2	16 39	6 59	1 5	5 14
T 28	23 18	11 22	2 0	21 6	1 43	23 38	0 11	6 59	1 55	16 16	1 2	2 14	2 31	23 33	0 9	1 56	1 29	0 49	15 37	17 3	16 38	6 57	1 5	5 14
W29	23 15	14 59	0 51	21 27	1 31	23 40	0 13	7 14	1 55	16 15	1 2	2 14	2 31	23 33	0 9	1 56	1 29	0 49	15 37	17 3	16 37	6 55	1 5	5 14
T 30	23n11	17n45	0s20	21n47	1s18	23n40	0n16	7n30	1s55	16s14	1n 1	2s15	2n31	23n33	0n 9	1n56	1s29	0n49	15s37	17s 3	16s36	6n53	1s 5	5n14

Julian Day Number = 2402023.5, Delta T = 8.56 sec
Ecliptic obliquity = 23°27'18, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°50'49, Lahiri = 21°57'49

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ASTRODIENST EPHEMERIS for the year 1864
geocentric

JULY 1864 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 37 12	9♋20'27	4♊11	21♊48	4♋31	24♈37	18°R 1	11♎34	26♊ 6	8♈19	12♉59	17°R25	15♏49	29♌52	14°R58	F 1
S 2	18 41 8	10°17'40	16°58	23°33	5°45	25°19	17♏59	11°36	26° 9	8°20	12°59	17♏22	15°46	29°59	14♓57	S 2
S 3	18 45 5	11°14'53	29°35	25°20	6°58	26° 1	17°57	11°38	26°13	8°20	13° 0	17°16	15°42	0♍ 5	14°56	S 3
M 4	18 49 1	12°12'06	12♋ 1	27°11	8°12	26°42	17°55	11°40	26°16	8°20	13° 1	17° 8	15°39	0°12	14°56	M 4
T 5	18 52 58	13° 9'19	24°17	29° 4	9°26	27°24	17°53	11°42	26°20	8°20	13° 2	16°58	15°36	0°19	14°55	T 5
W 6	18 56 54	14° 6'32	6♌25	1♋ 0	10°39	28° 5	17°51	11°44	26°23	8°21	13° 3	16°47	15°33	0°26	14°54	W 6
T 7	19 0 51	15° 3'45	18°25	2°59	11°53	28°47	17°49	11°46	26°26	8°21	13° 3	16°37	15°30	0°32	14°53	T 7
F 8	19 4 47	16° 0'58	0♍19	5° 0	13° 7	29°28	17°48	11°49	26°30	8°21	13° 4	16°28	15°27	0°39	14°52	F 8
S 9	19 8 44	16°58'11	12°10	7° 3	14°21	0♉ 9	17°47	11°51	26°33	8°21	13° 5	16°20	15°23	0°46	14°50	S 9
S 10	19 12 41	17°55'24	24° 1	9° 7	15°34	0°50	17°46	11°54	26°37	8°21	13° 5	16°15	15°20	0°52	14°49	S 10
M11	19 16 37	18°52'37	5♎57	11°13	16°48	1°31	17°45	11°56	26°40	8°R21	13° 6	16°12	15°17	0°59	14°48	M11
T 12	19 20 34	19°49'50	18° 2	13°20	18° 2	2°12	17°45	11°59	26°43	8°21	13° 7	16°D11	15°14	1° 6	14°47	T 12
W13	19 24 30	20°47'03	0♏21	15°28	19°16	2°52	17°44	12° 2	26°47	8°21	13° 7	16°12	15°11	1°13	14°45	W13
T 14	19 28 27	21°44'16	12°59	17°37	20°30	3°33	17°44	12° 5	26°50	8°21	13° 8	16°R12	15° 7	1°19	14°44	T 14
F 15	19 32 23	22°41'29	26° 1	19°45	21°43	4°13	17°D44	12° 8	26°53	8°21	13° 8	16°12	15° 4	1°26	14°43	F 15
S 16	19 36 20	23°38'43	9♐30	21°54	22°57	4°54	17°44	12°11	26°57	8°21	13° 9	16°10	15° 1	1°33	14°41	S 16
S 17	19 40 16	24°35'57	23°28	24° 2	24°11	5°34	17°44	12°14	27° 0	8°21	13°10	16° 5	14°58	1°39	14°40	S 17
M18	19 44 13	25°33'11	7♑52	26°10	25°25	6°14	17°45	12°17	27° 3	8°20	13°10	15°59	14°55	1°46	14°38	M18
T 19	19 48 10	26°30'25	22°39	28°17	26°39	6°54	17°45	12°20	27° 7	8°20	13°11	15°50	14°52	1°53	14°36	T 19
W20	19 52 6	27°27'40	7♒41	0♌23	27°53	7°34	17°46	12°24	27°10	8°20	13°11	15°40	14°48	2° 0	14°35	W20
T 21	19 56 3	28°24'56	22°48	2°28	29° 7	8°13	17°47	12°27	27°13	8°20	13°12	15°30	14°45	2° 6	14°33	T 21
F 22	19 59 59	29°22'12	7♓50	4°32	0♌20	8°53	17°48	12°31	27°16	8°19	13°12	15°21	14°42	2°13	14°31	F 22
S 23	20 3 56	0♌19'29	22°38	6°34	1°34	9°32	17°50	12°35	27°19	8°19	13°13	15°15	14°39	2°20	14°29	S 23
S 24	20 7 52	1°16'47	7♈ 6	8°35	2°48	10°11	17°51	12°38	27°22	8°18	13°13	15°10	14°36	2°26	14°27	S 24
M25	20 11 49	2°14'06	21°11	10°34	4° 2	10°50	17°53	12°42	27°26	8°18	13°13	15° 9	14°33	2°33	14°26	M25
T 26	20 15 45	3°11'26	4♉53	12°32	5°16	11°29	17°55	12°46	27°29	8°18	13°14	15°D 8	14°29	2°40	14°24	T 26
W27	20 19 42	4° 8'47	18°13	14°28	6°30	12° 8	17°57	12°50	27°32	8°17	13°14	15°R 8	14°26	2°47	14°22	W27
T 28	20 23 39	5° 6'09	1♊14	16°23	7°44	12°47	17°59	12°54	27°35	8°17	13°14	15° 8	14°23	2°53	14°20	T 28
F 29	20 27 35	6° 3'32	13°59	18°16	8°58	13°25	18° 2	12°58	27°38	8°16	13°15	15° 5	14°20	3° 0	14°18	F 29
S 30	20 31 32	7° 0'56	26°31	20° 7	10°12	14° 3	18° 4	13° 3	27°41	8°15	13°15	15° 0	14°17	3° 7	14°15	S 30
S 31	20 35 28	7♌58'22	8♋53	21♌57	11♌26	14♉41	18♏ 7	13♎ 7	27♊44	8♈15	13♉15	14♏51	14♏13	3♍13	14♓13	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 8	19n32	1s29	22n 6	1s 6	23n41	0n18	7n45	1s56	16s14	1n 1	2s16	2n30	23n33	0n 9	1n57	1s29	0n49	15s38	17s 3	16s35	6n51	1s 5	5n15
S 2	23 3	20 18	2 32	22 24	0 54	23 40	0 20	8 0	1 56	16 14	1 1	2 17	2 30	23 33	0 9	1 57	1 29	0 49	15 38	17 2	16 34	6 49	1 5	5 15
S 3	22 59	20 1	3 26	22 41	0 41	23 39	0 23	8 15	1 56	16 13	1 1	2 18	2 30	23 33	0 9	1 57	1 29	0 49	15 38	17 0	16 33	6 47	1 5	5 15
M 4	22 54	18 46	4 10	22 56	0 29	23 37	0 25	8 30	1 56	16 13	1 0	2 19	2 30	23 33	0 9	1 57	1 29	0 49	15 38	16 58	16 32	6 45	1 6	5 15
T 5	22 48	16 40	4 41	23 10	0 17	23 34	0 27	8 45	1 56	16 13	1 0	2 20	2 29	23 33	0 9	1 57	1 29	0 49	15 39	16 55	16 31	6 42	1 6	5 16
W 6	22 42	13 51	4 59	23 22	0 5	23 31	0 29	9 0	1 55	16 12	1 0	2 21	2 29	23 34	0 9	1 57	1 29	0 49	15 39	16 52	16 30	6 40	1 6	5 16
T 7	22 36	10 30	5 4	23 32	0n 6	23 27	0 32	9 15	1 55	16 12	1 0	2 22	2 29	23 34	0 9	1 57	1 29	0 49	15 39	16 49	16 29	6 38	1 6	5 16
F 8	22 30	6 45	4 55	23 39	0 17	23 22	0 34	9 29	1 55	16 12	0 59	2 23	2 29	23 34	0 9	1 57	1 29	0 49	15 39	16 46	16 29	6 36	1 6	5 16
S 9	22 23	2 47	4 34	23 44	0 28	23 17	0 36	9 44	1 55	16 12	0 59	2 25	2 28	23 34	0 9	1 57	1 29	0 48	15 40	16 44	16 28	6 34	1 7	5 16
S 10	22 15	1s19	4 1	23 47	0 38	23 11	0 38	9 58	1 55	16 12	0 59	2 26	2 28	23 34	0 9	1 57	1 29	0 48	15 40	16 43	16 27	6 32	1 7	5 17
M11	22 7	5 23	3 17	23 47	0 48	23 4	0 40	10 13	1 55	16 12	0 59	2 27	2 28	23 34	0 9	1 57	1 29	0 48	15 40	16 42	16 26	6 30	1 7	5 17
T 12	21 59	9 18	2 24	23 44	0 57	22 56	0 42	10 27	1 55	16 12	0 58	2 28	2 28	23 34	0 9	1 57	1 29	0 48	15 41	16 42	16 25	6 28	1 7	5 17
W13	21 51	12 54	1 24	23 38	1 5	22 48	0 44	10 41	1 55	16 12	0 58	2 30	2 27	23 34	0 9	1 57	1 30	0 48	15 41	16 42	16 24	6 25	1 8	5 17
T 14	21 42	16 1	0 17	23 30	1 13	22 39	0 46	10 55	1 55	16 12	0 58	2 31	2 27	23 34	0 9	1 56	1 30	0 48	15 41	16 42	16 23	6 23	1 8	5 17
F 15	21 33	18 26	0n52	23 19	1 20	22 30	0 48	11 8	1 55	16 12	0 58	2 32	2 27	23 34	0 9	1 56	1 30	0 48	15 41	16 42	16 22	6 21	1 8	5 18
S 16	21 23	19 54	2 1	23 5	1 26	22 20	0 50	11 22	1 54	16 13	0 57	2 34	2 27	23 35	0 9	1 56	1 30	0 48	15 42	16 41	16 21	6 19	1 9	5 18
S 17	21 13	20 14	3 4	22 49	1 31	22 9	0 52	11 35	1 54	16 13	0 57	2 35	2 27	23 35	0 9	1 56	1 30	0 48	15 42	16 40	16 20	6 17	1 9	5 18
M18	21 3	19 15	3 58	22 30	1 36	21 57	0 54	11 49	1 54	16 13	0 57	2 37	2 26	23 35	0 9	1 56	1 30	0 48	15 42	16 38	16 19	6 15	1 10	5 18
T 19	20 52	16 59	4 38	22 9	1 40	21 45	0 56	12 2	1 54	16 14	0 57	2 38	2 26	23 35	0 9	1 56	1 30	0 47	15 43	16 35	16 18	6 13	1 10	5 18
W20	20 41	13 32	4 59	21 45	1 43	21 32	0 58	12 15	1 54	16 14	0 56	2 40	2 26	23 35	0 9	1 56	1 30	0 47	15 43	16 32	16 17	6 11	1 11	5 18
T 21	20 30	9 12	4 59	21 20	1 45	21 19	0 59	12 28	1 53	16 15	0 56	2 41	2 26	23 35	0 9	1 56	1 30	0 47	15 43	16 30	16 16	6 8	1 11	5 19
F 22	20 18	4 19	4 39	20 52	1 47	21 5	1 1	12 41	1 53	16 15	0 56	2 43	2 25	23 35	0 9	1 55	1 30	0 47	15 43	16 27	16 16	6 6	1 12	5 19
S 23	20 6	0n45	4 0	20 23	1 47	20 50	1 3	12 54	1 53	16 16	0 56	2 45	2 25	23 35	0 9	1 55	1 30	0 47	15 44	16 25	16 15	6 4	1 12	5 19
S 24	19 53	5 41	3 7	19 52	1 48	20 35	1 4	13 6	1 53	16 17	0 55	2 46	2 25	23 35	0 10	1 55	1 30	0 47	15 44	16 24	16 14	6 2	1 13	5 19
M25	19 40	10 11	2 3	19 19	1 47	20 19	1 6	13 19	1 52	16 18	0 55	2 48	2 25	23 35	0 10	1 55	1 30	0 47	15 44	16 23	16 13	6 0	1 13	5 19
T 26	19 27	14 0	0 54	18 45	1 46	20 3	1 7	13 31	1 52	16 18	0 55	2 50	2 25	23 35	0 10	1 55	1 30	0 46	15 45	16 23	16 12	5 58	1 14	5 19
W27	19 14	17 0	0s16	18 10	1 44	19 46	1 9	13 43	1 52	16 19	0 55	2 51	2 24	23 35	0 10	1 54	1 30	0 46	15 45	16 23	16 11	5 56	1 15	5 20
T 28	19 0	19 3	1 24	17 33	1 42	19 29	1 10	13 55	1 51	16 20	0 54	2 53	2 24	23 36	0 10	1 54	1 30	0 46	15 45	16 23	16 10	5 54	1 15	5 20
F 29	18 46	20 4	2 26	16 56	1 39	19 10	1 11	14 7	1 51	16 21	0 54	2 55	2 24	23 36	0 10	1 54	1 30	0 46	15 45	16 22	16 9	5 52	1 16	5 20
S 30	18 32	20 5	3 20	16 18	1 36	18 52	1 13	14 18	1 51	16 22	0 54	2 57	2 24	23 36	0 10	1 54	1 30	0 46	15 46	16 21	16 8	5 49	1 16	5 20
S 31	18n17	19n 7	4s 3	15n39	1n32	18n33	1n14	14n30	1s50	16s23	0n54	2s59	2n23	23n36	0n10	1n53	1s31	0n45	15s46	16s18	16s 7	5n47	1s17	5n20

Julian Day Number = 2402053.5, Delta T = 8.52 sec
Ecliptic obliquity = 23°27'18, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°50'53, Lahiri = 21°57'54

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ASTRODIENST EPHEMERIS for the year 1864
geocentric

AUGUST 1864 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 39 25	8♌55'48	21♋ 5	23♌45	12♌40	15♉19	18♏10	13♎11	27♊46	8°R14	13♉16	14°R41	14♏10	3♍20	14°R11	M 1
T 2	20 43 21	9°53'16	3♌11	25°32	13°54	15°57	18°13	13°16	27°49	8♈14	13°16	14♏28	14° 7	3°27	14♓ 9	T 2
W 3	20 47 18	10°50'44	15°10	27°17	15° 8	16°35	18°17	13°20	27°52	8°13	13°16	14°14	14° 4	3°34	14° 7	W 3
T 4	20 51 14	11°48'13	27° 5	29° 0	16°22	17°12	18°20	13°25	27°55	8°12	13°16	14° 0	14° 1	3°40	14° 4	T 4
F 5	20 55 11	12°45'43	8♍57	0♍42	17°37	17°49	18°24	13°30	27°58	8°11	13°16	13°48	13°58	3°47	14° 2	F 5
S 6	20 59 8	13°43'14	20°47	2°22	18°51	18°26	18°27	13°34	28° 1	8°11	13°16	13°37	13°54	3°54	14° 0	S 6
S 7	21 3 4	14°40'46	2♎38	4° 0	20° 5	19° 3	18°31	13°39	28° 3	8°10	13°17	13°30	13°51	4° 0	13°57	S 7
M 8	21 7 1	15°38'19	14°33	5°37	21°19	19°39	18°36	13°44	28° 6	8° 9	13°17	13°25	13°48	4° 7	13°55	M 8
T 9	21 10 57	16°35'53	26°37	7°13	22°33	20°16	18°40	13°49	28° 9	8° 8	13°17	13°22	13°45	4°14	13°52	T 9
W10	21 14 54	17°33'28	8♏54	8°46	23°47	20°52	18°44	13°54	28°11	8° 7	13°17	13°22	13°42	4°21	13°50	W10
T 11	21 18 50	18°31'03	21°29	10°19	25° 1	21°28	18°49	13°59	28°14	8° 6	13°17	13°22	13°39	4°27	13°48	T 11
F 12	21 22 47	19°28'40	4♐26	11°49	26°15	22° 4	18°54	14° 5	28°16	8° 5	13°17	13°21	13°35	4°34	13°45	F 12
S 13	21 26 43	20°26'18	17°51	13°18	27°30	22°39	18°59	14°10	28°19	8° 4	13°R17	13°19	13°32	4°41	13°42	S 13
S 14	21 30 40	21°23'56	1♑45	14°46	28°44	23°15	19° 4	14°15	28°21	8° 3	13°17	13°15	13°29	4°47	13°40	S 14
M15	21 34 37	22°21'36	16° 9	16°12	29°58	23°50	19° 9	14°20	28°24	8° 2	13°17	13° 8	13°26	4°54	13°37	M15
T 16	21 38 33	23°19'17	1♒ 0	17°36	1♍12	24°25	19°14	14°26	28°26	8° 1	13°17	12°59	13°23	5° 1	13°35	T 16
W17	21 42 30	24°16'59	16° 9	18°58	2°26	24°59	19°20	14°31	28°29	8° 0	13°17	12°48	13°19	5° 8	13°32	W17
T 18	21 46 26	25°14'42	1♓28	20°19	3°40	25°34	19°26	14°37	28°31	7°59	13°17	12°38	13°16	5°14	13°29	T 18
F 19	21 50 23	26°12'27	16°44	21°38	4°54	26° 8	19°32	14°43	28°33	7°58	13°17	12°28	13°13	5°21	13°27	F 19
S 20	21 54 19	27°10'13	1♈48	22°56	6° 9	26°42	19°38	14°48	28°35	7°57	13°16	12°21	13°10	5°28	13°24	S 20
S 21	21 58 16	28° 8'01	16°30	24°11	7°23	27°16	19°44	14°54	28°38	7°56	13°16	12°17	13° 7	5°34	13°21	S 21
M22	22 2 12	29° 5'50	0♉46	25°25	8°37	27°49	19°50	15° 0	28°40	7°54	13°16	12°15	13° 4	5°41	13°18	M22
T 23	22 6 9	0♍ 3'41	14°35	26°36	9°51	28°22	19°56	15° 6	28°42	7°53	13°16	12°D14	13° 0	5°48	13°16	T 23
W24	22 10 6	1° 1'35	27°57	27°46	11° 5	28°55	20° 3	15°11	28°44	7°52	13°16	12°R15	12°57	5°55	13°13	W24
T 25	22 14 2	1°59'30	10♊56	28°53	12°20	29°28	20°10	15°17	28°46	7°51	13°15	12°14	12°54	6° 1	13°10	T 25
F 26	22 17 59	2°57'26	23°36	29°59	13°34	0♊ 0	20°17	15°23	28°48	7°49	13°15	12°12	12°51	6° 8	13° 7	F 26
S 27	22 21 55	3°55'25	6♋ 0	1♎ 2	14°48	0°32	20°24	15°29	28°50	7°48	13°15	12° 8	12°48	6°15	13° 4	S 27
S 28	22 25 52	4°53'26	18°12	2° 2	16° 2	1° 4	20°31	15°36	28°52	7°47	13°15	12° 1	12°45	6°21	13° 2	S 28
M29	22 29 48	5°51'28	0♌16	3° 0	17°17	1°36	20°38	15°42	28°54	7°46	13°14	11°52	12°41	6°28	12°59	M29
T 30	22 33 45	6°49'32	12°13	3°55	18°31	2° 7	20°45	15°48	28°56	7°44	13°14	11°41	12°38	6°35	12°56	T 30
W31	22 37 41	7♍47'38	24♌ 7	4♎47	19♍45	2♊38	20♏53	15♎54	28♊58	7♈43	13♉13	11♏29	12♏35	6♍42	12♓53	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n 2	17n16	4s35	14n59	1n27	18n13	1n15	14n41	1s50	16s24	0n53	3s 1	2n23	23n36	0n10	1n53	1s31	0n45	15s46	16s15	16s 6	5n45	1s18	5n20
T 2	17 47	14 41	4 54	14 19	1 23	17 53	1 16	14 53	1 49	16 25	0 53	3 3	2 23	23 36	0 10	1 53	1 31	0 45	15 47	16 11	16 5	5 43	1 19	5 20
W 3	17 31	11 31	5 0	13 38	1 17	17 32	1 17	15 4	1 49	16 26	0 53	3 5	2 23	23 36	0 10	1 52	1 31	0 45	15 47	16 7	16 4	5 41	1 19	5 21
T 4	17 16	7 55	4 52	12 57	1 12	17 11	1 18	15 15	1 48	16 27	0 53	3 6	2 23	23 36	0 10	1 52	1 31	0 44	15 47	16 3	16 3	5 39	1 20	5 21
F 5	16 59	4 1	4 32	12 16	1 6	16 49	1 19	15 26	1 48	16 29	0 52	3 8	2 22	23 36	0 10	1 52	1 31	0 44	15 48	15 59	16 2	5 37	1 21	5 21
S 6	16 43	0s 1	4 0	11 34	0 59	16 27	1 20	15 36	1 47	16 30	0 52	3 11	2 22	23 36	0 10	1 51	1 31	0 44	15 48	15 56	16 1	5 35	1 22	5 21
S 7	16 26	4 4	3 17	10 52	0 53	16 5	1 21	15 47	1 47	16 31	0 52	3 13	2 22	23 36	0 10	1 51	1 31	0 44	15 48	15 54	16 0	5 32	1 23	5 21
M 8	16 10	7 59	2 26	10 10	0 46	15 42	1 22	15 57	1 46	16 33	0 52	3 15	2 22	23 36	0 10	1 51	1 31	0 43	15 48	15 53	16 0	5 30	1 23	5 21
T 9	15 52	11 38	1 27	9 28	0 39	15 18	1 22	16 7	1 46	16 34	0 51	3 17	2 22	23 36	0 10	1 50	1 31	0 43	15 49	15 52	15 59	5 28	1 24	5 21
W10	15 35	14 51	0 24	8 46	0 31	14 54	1 23	16 17	1 45	16 35	0 51	3 19	2 22	23 36	0 10	1 50	1 31	0 43	15 49	15 52	15 58	5 26	1 25	5 21
T 11	15 17	17 27	0n43	8 4	0 23	14 30	1 24	16 27	1 45	16 37	0 51	3 21	2 21	23 36	0 10	1 49	1 31	0 43	15 49	15 52	15 57	5 24	1 26	5 21
F 12	14 59	19 15	1 49	7 22	0 15	14 6	1 24	16 37	1 44	16 38	0 51	3 23	2 21	23 36	0 10	1 49	1 31	0 42	15 50	15 51	15 56	5 22	1 27	5 21
S 13	14 41	20 3	2 52	6 40	0 7	13 41	1 25	16 47	1 44	16 40	0 50	3 25	2 21	23 36	0 10	1 49	1 31	0 42	15 50	15 51	15 55	5 20	1 28	5 21
S 14	14 23	19 40	3 46	5 59	0s 1	13 15	1 25	16 56	1 43	16 42	0 50	3 28	2 21	23 36	0 10	1 48	1 31	0 42	15 50	15 49	15 54	5 18	1 29	5 21
M15	14 4	18 2	4 29	5 18	0 10	12 49	1 25	17 5	1 42	16 43	0 50	3 30	2 21	23 37	0 10	1 48	1 31	0 41	15 51	15 47	15 53	5 15	1 30	5 22
T 16	13 45	15 9	4 55	4 37	0 19	12 23	1 26	17 14	1 42	16 45	0 50	3 32	2 20	23 37	0 10	1 47	1 31	0 41	15 51	15 45	15 52	5 13	1 31	5 22
W17	13 26	11 13	5 1	3 56	0 28	11 57	1 26	17 23	1 41	16 47	0 50	3 34	2 20	23 37	0 10	1 47	1 31	0 41	15 51	15 41	15 51	5 11	1 32	5 22
T 18	13 7	6 31	4 45	3 16	0 37	11 30	1 26	17 32	1 40	16 48	0 49	3 37	2 20	23 37	0 10	1 46	1 31	0 41	15 51	15 38	15 50	5 9	1 33	5 22
F 19	12 47	1 24	4 9	2 37	0 46	11 3	1 26	17 41	1 40	16 50	0 49	3 39	2 20	23 37	0 10	1 46	1 31	0 40	15 52	15 35	15 49	5 7	1 34	5 22
S 20	12 28	3n43	3 17	1 58	0 55	10 36	1 26	17 50	1 39	16 52	0 49	3 41	2 20	23 37	0 10	1 45	1 31	0 40	15 52	15 33	15 48	5 5	1 35	5 22
S 21	12 8	8 31	2 12	1 19	1 5	10 8	1 26	17 58	1 38	16 54	0 49	3 44	2 20	23 37	0 10	1 45	1 31	0 40	15 52	15 32	15 47	5 3	1 36	5 22
M22	11 48	12 42	1 0	0 41	1 14	9 40	1 26	18 6	1 37	16 56	0 48	3 46	2 20	23 37	0 10	1 44	1 32	0 39	15 53	15 31	15 46	5 1	1 37	5 22
T 23	11 27	16 2	0s12	0 4	1 24	9 12	1 26	18 14	1 37	16 58	0 48	3 48	2 19	23 37	0 10	1 44	1 32	0 39	15 53	15 31	15 45	4 59	1 38	5 22
W24	11 7	18 23	1 22	0s32	1 33	8 44	1 25	18 22	1 36	17 0	0 48	3 51	2 19	23 37	0 10	1 43	1 32	0 39	15 53	15 31	15 44	4 56	1 39	5 22
T 25	10 46	19 41	2 26	1 8	1 43	8 15	1 25	18 30	1 35	17 2	0 48	3 53	2 19	23 37	0 10	1 43	1 32	0 38	15 54	15 31	15 43	4 54	1 40	5 22
F 26	10 26	19 57	3 21	1 43	1 52	7 46	1 25	18 38	1 34	17 4	0 48	3 56	2 19	23 37	0 10	1 42	1 32	0 38	15 54	15 31	15 42	4 52	1 41	5 22
S 27	10 5	19 14	4 5	2 16	2 2	7 17	1 24	18 45	1 33	17 6	0 47	3 58	2 19	23 37	0 10	1 42	1 32	0 38	15 54	15 29	15 41	4 50	1 42	5 22
S 28	9 43	17 38	4 37	2 49	2 11	6 48	1 24	18 53	1 33	17 8	0 47	4 1	2 19	23 37	0 10	1 41	1 32	0 37	15 54	15 27	15 40	4 48	1 43	5 22
M29	9 22	15 17	4 56	3 21	2 21	6 18	1 23	19 0	1 32	17 10	0 47	4 3	2 18	23 37	0 10	1 40	1 32	0 37	15 55	15 24	15 39	4 46	1 44	5 22
T 30	9 1	12 18	5 3	3 51	2 30	5 48	1 22	19 7	1 31	17 12	0 47	4 6	2 18	23 37	0 10	1 40	1 32	0 36	15 55	15 21	15 38	4 44	1 45	5 22
W31	8n39	8n50	4s55	4s20	2s39	5n19	1n22	19n14	1s30	17s14	0n46	4s 8	2n18	23n37	0n10	1n39	1s32	0n36	15s55	15s17	15s37	4n42	1s46	5n22

Julian Day Number = 2402084.5, Delta T = 8.47 sec
Ecliptic obliquity = 23°27'18, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°50'57, Lahiri = 21°57'58

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ASTRODIENST EPHEMERIS for the year 1864
geocentric

SEPTEMBER 1864 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 41 38	8♍45'45	5♍59	5♎37	20♍59	3♊ 8	21♏ 1	16♎ 0	28♊59	7°R41	13°R13	11°R17	12♏32	6♍48	12°R50	T 1
F 2	22 45 35	9°43'54	17°50	6°22	22°14	3°38	21° 9	16° 7	29° 1	7♈40	13♉13	11♏ 6	12°29	6°55	12♓47	F 2
S 3	22 49 31	10°42'05	29°42	7° 5	23°28	4° 8	21°16	16°13	29° 3	7°39	13°12	10°57	12°25	7° 2	12°44	S 3
S 4	22 53 28	11°40'18	11♎36	7°43	24°42	4°38	21°24	16°20	29° 4	7°37	13°12	10°50	12°22	7° 8	12°42	S 4
M 5	22 57 24	12°38'32	23°36	8°18	25°57	5° 7	21°33	16°26	29° 6	7°36	13°11	10°46	12°19	7°15	12°39	M 5
T 6	23 1 21	13°36'48	5♏44	8°48	27°11	5°36	21°41	16°33	29° 7	7°34	13°11	10°D45	12°16	7°22	12°36	T 6
W 7	23 5 17	14°35'05	18° 3	9°13	28°25	6° 5	21°49	16°39	29° 9	7°33	13°10	10°45	12°13	7°29	12°33	W 7
T 8	23 9 14	15°33'24	0♐39	9°34	29°39	6°33	21°58	16°46	29°10	7°31	13°10	10°46	12°10	7°35	12°30	T 8
F 9	23 13 10	16°31'44	13°34	9°49	0♎54	7° 1	22° 7	16°52	29°11	7°30	13° 9	10°R47	12° 6	7°42	12°27	F 9
S 10	23 17 7	17°30'07	26°53	9°59	2° 8	7°28	22°15	16°59	29°13	7°28	13° 9	10°46	12° 3	7°49	12°24	S 10
S 11	23 21 3	18°28'30	10♑39	10°R 3	3°22	7°55	22°24	17° 6	29°14	7°27	13° 8	10°44	12° 0	7°55	12°22	S 11
M12	23 25 0	19°26'55	24°52	10° 0	4°37	8°22	22°33	17°12	29°15	7°25	13° 8	10°40	11°57	8° 2	12°19	M12
T 13	23 28 57	20°25'22	9♒32	9°52	5°51	8°48	22°42	17°19	29°16	7°23	13° 7	10°34	11°54	8° 9	12°16	T 13
W14	23 32 53	21°23'51	24°33	9°36	7° 5	9°14	22°52	17°26	29°18	7°22	13° 6	10°27	11°50	8°15	12°13	W14
T 15	23 36 50	22°22'21	9♓46	9°13	8°19	9°39	23° 1	17°33	29°19	7°20	13° 6	10°19	11°47	8°22	12°10	T 15
F 16	23 40 46	23°20'53	25° 2	8°44	9°34	10° 4	23°10	17°40	29°20	7°19	13° 5	10°13	11°44	8°29	12° 7	F 16
S 17	23 44 43	24°19'27	10♈10	8° 8	10°48	10°29	23°20	17°47	29°21	7°17	13° 4	10° 8	11°41	8°36	12° 5	S 17
S 18	23 48 39	25°18'03	25° 0	7°25	12° 2	10°53	23°30	17°54	29°21	7°15	13° 4	10° 5	11°38	8°42	12° 2	S 18
M19	23 52 36	26°16'41	9♉25	6°35	13°16	11°16	23°39	18° 1	29°22	7°14	13° 3	10°D 4	11°35	8°49	11°59	M19
T 20	23 56 32	27°15'21	23°23	5°40	14°31	11°40	23°49	18° 8	29°23	7°12	13° 2	10° 5	11°31	8°56	11°56	T 20
W21	0 0 29	28°14'04	6♊53	4°41	15°45	12° 2	23°59	18°15	29°24	7°10	13° 2	10° 6	11°28	9° 2	11°54	W21
T 22	0 4 26	29°12'49	19°58	3°38	16°59	12°25	24° 9	18°22	29°25	7° 9	13° 1	10° 7	11°25	9° 9	11°51	T 22
F 23	0 8 22	0♎11'36	2♋39	2°32	18°13	12°46	24°19	18°29	29°25	7° 7	13° 0	10°R 8	11°22	9°16	11°48	F 23
S 24	0 12 19	1°10'25	15° 3	1°26	19°28	13° 8	24°30	18°36	29°26	7° 6	12°59	10° 7	11°19	9°23	11°46	S 24
S 25	0 16 15	2° 9'17	27°12	0°20	20°42	13°28	24°40	18°43	29°26	7° 4	12°58	10° 4	11°16	9°29	11°43	S 25
M26	0 20 12	3° 8'11	9♌12	29♍17	21°56	13°48	24°50	18°50	29°27	7° 2	12°58	9°59	11°12	9°36	11°40	M26
T 27	0 24 8	4° 7'07	21° 6	28°18	23°10	14° 8	25° 1	18°57	29°27	7° 1	12°57	9°54	11° 9	9°43	11°38	T 27
W28	0 28 5	5° 6'05	2♍57	27°25	24°25	14°27	25°12	19° 4	29°28	6°59	12°56	9°47	11° 6	9°49	11°35	W28
T 29	0 32 1	6° 5'06	14°48	26°40	25°39	14°46	25°22	19°11	29°28	6°57	12°55	9°41	11° 3	9°56	11°33	T 29
F 30	0 35 58	7♎ 4'08	26♍41	26♍ 3	26♎53	15♊ 4	25♏33	19♎19	29♊28	6♈55	12♉54	9♏35	11♏ 0	10♍ 3	11♓30	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n17	5n 3	4s35	4s48	2s48	4n49	1n21	19n21	1s29	17s17	0n46	4s11	2n18	23n37	0n10	1n39	1s32	0n36	15s56	15s13	15s36	4n39	1s47	5n22
F 2	7 56	1 4	4 4	5 14	2 57	4 19	1 20	19 27	1 28	17 19	0 46	4 13	2 18	23 37	0 10	1 38	1 32	0 35	15 56	15 10	15 36	4 37	1 49	5 22
S 3	7 34	2s57	3 21	5 39	3 6	3 48	1 19	19 34	1 27	17 21	0 46	4 16	2 18	23 37	0 10	1 38	1 32	0 35	15 56	15 7	15 35	4 35	1 50	5 22
S 4	7 11	6 53	2 29	6 2	3 14	3 18	1 18	19 40	1 26	17 23	0 46	4 18	2 18	23 37	0 10	1 37	1 32	0 35	15 56	15 5	15 34	4 33	1 51	5 22
M 5	6 49	10 34	1 31	6 23	3 22	2 47	1 17	19 47	1 25	17 26	0 45	4 21	2 18	23 37	0 10	1 36	1 32	0 34	15 57	15 4	15 33	4 31	1 52	5 21
T 6	6 27	13 52	0 27	6 41	3 29	2 17	1 16	19 53	1 24	17 28	0 45	4 23	2 18	23 37	0 10	1 36	1 32	0 34	15 57	15 4	15 32	4 29	1 53	5 21
W 7	6 4	16 36	0n39	6 58	3 36	1 46	1 15	19 59	1 23	17 30	0 45	4 26	2 17	23 37	0 10	1 35	1 32	0 33	15 57	15 4	15 31	4 27	1 54	5 21
T 8	5 42	18 35	1 45	7 12	3 43	1 16	1 14	20 5	1 22	17 33	0 45	4 29	2 17	23 37	0 10	1 35	1 32	0 33	15 57	15 4	15 30	4 25	1 55	5 21
F 9	5 19	19 41	2 47	7 23	3 48	0 45	1 12	20 10	1 20	17 35	0 45	4 31	2 17	23 37	0 10	1 34	1 32	0 33	15 58	15 4	15 29	4 23	1 57	5 21
S 10	4 56	19 43	3 42	7 32	3 53	0 14	1 11	20 16	1 19	17 38	0 45	4 34	2 17	23 37	0 10	1 33	1 32	0 32	15 58	15 4	15 28	4 20	1 58	5 21
S 11	4 34	18 36	4 26	7 37	3 58	0s17	1 9	20 22	1 18	17 40	0 44	4 37	2 17	23 37	0 10	1 33	1 32	0 32	15 58	15 3	15 27	4 18	1 59	5 21
M12	4 11	16 19	4 56	7 39	4 1	0 48	1 8	20 27	1 17	17 43	0 44	4 39	2 17	23 37	0 10	1 32	1 32	0 31	15 58	15 2	15 26	4 16	2 0	5 21
T 13	3 48	12 56	5 7	7 38	4 3	1 18	1 7	20 32	1 16	17 45	0 44	4 42	2 17	23 38	0 10	1 31	1 32	0 31	15 59	15 0	15 25	4 14	2 1	5 21
W14	3 25	8 40	4 58	7 33	4 4	1 49	1 5	20 37	1 14	17 48	0 44	4 45	2 17	23 38	0 10	1 31	1 32	0 31	15 59	14 58	15 24	4 12	2 2	5 21
T 15	3 2	3 46	4 28	7 24	4 4	2 20	1 3	20 42	1 13	17 50	0 44	4 47	2 17	23 38	0 10	1 30	1 32	0 30	15 59	14 56	15 23	4 10	2 4	5 21
F 16	2 39	1n22	3 39	7 10	4 2	2 51	1 2	20 47	1 12	17 53	0 43	4 50	2 17	23 38	0 10	1 29	1 32	0 30	15 59	14 53	15 22	4 8	2 5	5 20
S 17	2 15	6 24	2 34	6 53	3 59	3 21	1 0	20 52	1 10	17 55	0 43	4 53	2 16	23 38	0 10	1 29	1 32	0 29	16 0	14 52	15 21	4 6	2 6	5 20
S 18	1 52	10 56	1 21	6 31	3 54	3 52	0 58	20 57	1 9	17 58	0 43	4 55	2 16	23 38	0 10	1 28	1 32	0 29	16 0	14 51	15 20	4 4	2 7	5 20
M19	1 29	14 42	0 3	6 5	3 47	4 23	0 56	21 2	1 8	18 0	0 43	4 58	2 16	23 38	0 10	1 27	1 32	0 29	16 0	14 51	15 19	4 1	2 8	5 20
T 20	1 6	17 29	1s12	5 35	3 38	4 53	0 54	21 6	1 6	18 3	0 43	5 1	2 16	23 38	0 10	1 27	1 32	0 28	16 0	14 51	15 18	3 59	2 9	5 20
W21	0 42	19 10	2 20	5 1	3 27	5 24	0 52	21 11	1 5	18 6	0 43	5 3	2 16	23 38	0 10	1 26	1 32	0 28	16 1	14 51	15 17	3 57	2 11	5 20
T 22	0 19	19 46	3 19	4 25	3 14	5 54	0 50	21 15	1 3	18 8	0 42	5 6	2 16	23 38	0 10	1 25	1 32	0 27	16 1	14 52	15 16	3 55	2 12	5 20
F 23	0s 5	19 19	4 7	3 45	2 59	6 24	0 48	21 19	1 2	18 11	0 42	5 9	2 16	23 38	0 11	1 25	1 32	0 27	16 1	14 52	15 15	3 53	2 13	5 19
S 24	0 28	17 56	4 42	3 4	2 43	6 54	0 46	21 23	1 0	18 14	0 42	5 12	2 16	23 38	0 11	1 24	1 32	0 26	16 1	14 51	15 14	3 51	2 14	5 19
S 25	0 51	15 47	5 3	2 21	2 26	7 24	0 44	21 28	0 59	18 16	0 42	5 14	2 16	23 38	0 11	1 23	1 32	0 26	16 1	14 51	15 13	3 49	2 15	5 19
M26	1 15	12 58	5 11	1 39	2 7	7 54	0 42	21 32	0 57	18 19	0 42	5 17	2 16	23 38	0 11	1 23	1 32	0 26	16 2	14 49	15 12	3 47	2 16	5 19
T 27	1 38	9 39	5 5	0 58	1 47	8 24	0 40	21 35	0 56	18 22	0 41	5 20	2 16	23 38	0 11	1 22	1 32	0 25	16 2	14 47	15 11	3 45	2 18	5 19
W28	2 2	5 59	4 46	0 18	1 27	8 53	0 38	21 39	0 54	18 24	0 41	5 23	2 16	23 38	0 11	1 21	1 32	0 25	16 2	14 45	15 10	3 42	2 19	5 18
T 29	2 25	2 4	4 15	0n19	1 6	9 22	0 35	21 43	0 52	18 27	0 41	5 25	2 16	23 38	0 11	1 21	1 32	0 24	16 2	14 43	15 9	3 40	2 20	5 18
F 30	2s48	1s56	3s32	0n52	0s46	9s51	0n33	21n47	0s51	18s30	0n41	5s28	2n16	23n38	0n11	1n20	1s32	0n24	16s 2	14s42	15s 8	3n38	2s21	5n18

Julian Day Number = 2402115.5, Delta T = 8.43 sec
Ecliptic obliquity = 23°27'18, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°51'02, Lahiri = 21°58'02

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1864
geocentric

OCTOBER 1864 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 39 55	8♎ 3'13	8♎38	25°R35	28♎ 7	15♊21	25♏44	19♎26	29♊29	6°R54	12°R53	9°R30	10♏56	10♍ 9	11°R28	S 1
S 2	0 43 51	9° 2'20	20°41	25♍17	29°22	15°38	25°55	19°33	29°29	6♈52	12♉52	9♏27	10°53	10°16	11♓25	S 2
M 3	0 47 48	10° 1'28	2♏51	25°D10	0♏36	15°54	26° 6	19°40	29°29	6°50	12°51	9°26	10°50	10°23	11°23	M 3
T 4	0 51 44	11° 0'39	15°11	25°14	1°50	16° 9	26°17	19°48	29°29	6°49	12°51	9°D26	10°47	10°30	11°20	T 4
W 5	0 55 41	11°59'52	27°41	25°28	3° 4	16°24	26°28	19°55	29°R29	6°47	12°50	9°27	10°44	10°36	11°18	W 5
T 6	0 59 37	12°59'06	10♐25	25°52	4°19	16°38	26°40	20° 2	29°29	6°45	12°49	9°28	10°41	10°43	11°16	T 6
F 7	1 3 34	13°58'23	23°26	26°25	5°33	16°52	26°51	20° 9	29°29	6°44	12°48	9°30	10°37	10°50	11°13	F 7
S 8	1 7 30	14°57'41	6♑45	27° 8	6°47	17° 4	27° 2	20°17	29°29	6°42	12°47	9°31	10°34	10°56	11°11	S 8
S 9	1 11 27	15°57'01	20°25	27°59	8° 1	17°16	27°14	20°24	29°29	6°41	12°46	9°R31	10°31	11° 3	11° 9	S 9
M10	1 15 23	16°56'22	4♒27	28°58	9°15	17°28	27°26	20°31	29°28	6°39	12°45	9°30	10°28	11°10	11° 7	M10
T 11	1 19 20	17°55'46	18°50	0♎ 4	10°30	17°39	27°37	20°39	29°28	6°37	12°44	9°28	10°25	11°16	11° 5	T 11
W12	1 23 17	18°55'11	3♓30	1°15	11°44	17°48	27°49	20°46	29°28	6°36	12°43	9°26	10°22	11°23	11° 2	W12
T 13	1 27 13	19°54'38	18°24	2°32	12°58	17°58	28° 1	20°53	29°27	6°34	12°42	9°23	10°18	11°30	11° 0	T 13
F 14	1 31 10	20°54'06	3♈22	3°54	14°12	18° 6	28°13	21° 1	29°27	6°32	12°41	9°21	10°15	11°37	10°58	F 14
S 15	1 35 6	21°53'37	18°17	5°19	15°26	18°14	28°25	21° 8	29°26	6°31	12°40	9°19	10°12	11°43	10°56	S 15
S 16	1 39 3	22°53'10	3♉ 1	6°48	16°40	18°21	28°37	21°15	29°26	6°29	12°39	9°D18	10° 9	11°50	10°54	S 16
M17	1 42 59	23°52'45	17°26	8°19	17°55	18°27	28°49	21°23	29°25	6°28	12°38	9°18	10° 6	11°57	10°53	M17
T 18	1 46 56	24°52'22	1♊28	9°53	19° 9	18°32	29° 1	21°30	29°25	6°26	12°37	9°19	10° 2	12° 3	10°51	T 18
W19	1 50 52	25°52'01	15° 4	11°28	20°23	18°37	29°13	21°37	29°24	6°25	12°35	9°20	9°59	12°10	10°49	W19
T 20	1 54 49	26°51'42	28°14	13° 5	21°37	18°41	29°25	21°45	29°23	6°23	12°34	9°21	9°56	12°17	10°47	T 20
F 21	1 58 46	27°51'26	11♋ 2	14°44	22°51	18°44	29°37	21°52	29°22	6°21	12°33	9°22	9°53	12°24	10°45	F 21
S 22	2 2 42	28°51'12	23°29	16°23	24° 5	18°46	29°50	21°59	29°21	6°20	12°32	9°R23	9°50	12°30	10°44	S 22
S 23	2 6 39	29°51'00	5♌40	18° 2	25°19	18°47	0♐ 2	22° 6	29°21	6°18	12°31	9°23	9°47	12°37	10°42	S 23
M24	2 10 35	0♏50'51	17°40	19°42	26°33	18°R47	0°15	22°14	29°20	6°17	12°30	9°22	9°43	12°44	10°41	M24
T 25	2 14 32	1°50'44	29°33	21°23	27°47	18°47	0°27	22°21	29°19	6°15	12°29	9°21	9°40	12°50	10°39	T 25
W26	2 18 28	2°50'38	11♍24	23° 3	29° 1	18°45	0°40	22°28	29°18	6°14	12°28	9°21	9°37	12°57	10°38	W26
T 27	2 22 25	3°50'35	23°16	24°44	0♐16	18°43	0°52	22°35	29°16	6°13	12°27	9°20	9°34	13° 4	10°36	T 27
F 28	2 26 21	4°50'34	5♎13	26°24	1°30	18°40	1° 5	22°43	29°15	6°11	12°26	9°19	9°31	13°10	10°35	F 28
S 29	2 30 18	5°50'35	17°17	28° 4	2°44	18°36	1°18	22°50	29°14	6°10	12°24	9°19	9°27	13°17	10°34	S 29
S 30	2 34 15	6°50'38	29°30	29°44	3°58	18°31	1°30	22°57	29°13	6° 8	12°23	9°18	9°24	13°24	10°32	S 30
M31	2 38 11	7♏50'43	11♏55	1♏24	5♐12	18♊25	1♐43	23♎ 4	29♊12	6♈ 7	12♉22	9°D18	9♏21	13♍31	10♓31	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s12	5s53	2s41	1n21	0s26	10s20	0n31	21n50	0s49	18s33	0n41	5s31	2n16	23n38	0n11	1n19	1s32	0n24	16s 2	14s40	15s 7	3n36	2s22	5n18
S 2	3 35	9 38	1 41	1 46	0 8	10 49	0 28	21 54	0 47	18 35	0 41	5 34	2 16	23 38	0 11	1 19	1 32	0 23	16 3	14 39	15 6	3 34	2 23	5 18
M 3	3 58	13 2	0 36	2 5	0n10	11 17	0 26	21 57	0 45	18 38	0 41	5 36	2 16	23 38	0 11	1 18	1 32	0 23	16 3	14 39	15 5	3 32	2 24	5 17
T 4	4 22	15 54	0n32	2 19	0 27	11 45	0 23	22 1	0 43	18 41	0 40	5 39	2 16	23 38	0 11	1 17	1 32	0 22	16 3	14 39	15 4	3 30	2 25	5 17
W 5	4 45	18 3	1 39	2 28	0 43	12 13	0 21	22 4	0 42	18 44	0 40	5 42	2 16	23 38	0 11	1 17	1 32	0 22	16 3	14 39	15 3	3 28	2 27	5 17
T 6	5 8	19 21	2 42	2 31	0 57	12 41	0 18	22 8	0 40	18 46	0 40	5 45	2 16	23 38	0 11	1 16	1 32	0 22	16 3	14 39	15 2	3 26	2 28	5 17
F 7	5 31	19 39	3 39	2 29	1 9	13 8	0 16	22 11	0 38	18 49	0 40	5 47	2 16	23 38	0 11	1 16	1 32	0 21	16 3	14 40	15 1	3 23	2 29	5 17
S 8	5 54	18 52	4 25	2 22	1 20	13 35	0 13	22 14	0 36	18 52	0 40	5 50	2 16	23 38	0 11	1 15	1 32	0 21	16 4	14 40	15 0	3 21	2 30	5 16
S 9	6 17	17 0	4 58	2 11	1 30	14 2	0 11	22 17	0 34	18 55	0 40	5 53	2 16	23 38	0 11	1 14	1 32	0 20	16 4	14 40	14 59	3 19	2 31	5 16
M10	6 40	14 5	5 14	1 55	1 38	14 28	0 8	22 20	0 32	18 57	0 39	5 56	2 15	23 38	0 11	1 14	1 32	0 20	16 4	14 40	14 58	3 17	2 32	5 16
T 11	7 2	10 16	5 11	1 35	1 45	14 54	0 5	22 23	0 30	19 0	0 39	5 58	2 15	23 38	0 11	1 13	1 32	0 19	16 4	14 39	14 57	3 15	2 33	5 16
W12	7 25	5 45	4 48	1 12	1 51	15 19	0 3	22 26	0 27	19 3	0 39	6 1	2 15	23 38	0 11	1 12	1 32	0 19	16 4	14 39	14 56	3 13	2 34	5 15
T 13	7 47	0 50	4 5	0 45	1 55	15 44	0s 0	22 29	0 25	19 6	0 39	6 4	2 15	23 38	0 11	1 12	1 32	0 19	16 4	14 38	14 55	3 11	2 35	5 15
F 14	8 10	4n11	3 6	0 15	1 58	16 9	0 3	22 32	0 23	19 9	0 39	6 7	2 15	23 38	0 11	1 11	1 32	0 18	16 4	14 37	14 54	3 9	2 36	5 15
S 15	8 32	8 56	1 54	0s17	2 0	16 34	0 5	22 35	0 21	19 11	0 39	6 9	2 16	23 38	0 11	1 10	1 32	0 18	16 4	14 36	14 53	3 7	2 37	5 14
S 16	8 54	13 4	0 35	0 51	2 1	16 58	0 8	22 38	0 18	19 14	0 39	6 12	2 16	23 38	0 11	1 10	1 32	0 18	16 4	14 36	14 52	3 5	2 38	5 14
M17	9 16	16 20	0s45	1 27	2 1	17 21	0 11	22 41	0 16	19 17	0 39	6 15	2 16	23 38	0 11	1 9	1 32	0 17	16 5	14 36	14 51	3 2	2 39	5 14
T 18	9 38	18 31	2 0	2 4	2 1	17 44	0 14	22 44	0 14	19 20	0 38	6 18	2 16	23 38	0 11	1 9	1 32	0 17	16 5	14 36	14 50	3 0	2 40	5 14
W19	10 0	19 33	3 5	2 43	1 59	18 7	0 16	22 47	0 11	19 22	0 38	6 20	2 16	23 38	0 11	1 8	1 32	0 16	16 5	14 37	14 49	2 58	2 41	5 13
T 20	10 22	19 28	3 59	3 22	1 57	18 29	0 19	22 49	0 9	19 25	0 38	6 23	2 16	23 38	0 11	1 7	1 32	0 16	16 5	14 37	14 48	2 56	2 42	5 13
F 21	10 43	18 22	4 39	4 3	1 54	18 51	0 22	22 52	0 6	19 28	0 38	6 26	2 16	23 38	0 11	1 7	1 32	0 16	16 5	14 37	14 47	2 54	2 43	5 13
S 22	11 4	16 24	5 5	4 44	1 51	19 12	0 25	22 55	0 4	19 31	0 38	6 28	2 16	23 38	0 11	1 6	1 32	0 15	16 5	14 38	14 46	2 52	2 43	5 13
S 23	11 26	13 45	5 16	5 26	1 47	19 33	0 27	22 57	0 1	19 33	0 38	6 31	2 16	23 38	0 11	1 6	1 32	0 15	16 5	14 38	14 45	2 50	2 44	5 12
M24	11 47	10 34	5 14	6 7	1 43	19 53	0 30	23 0	0n 1	19 36	0 38	6 34	2 16	23 38	0 11	1 5	1 32	0 15	16 5	14 37	14 44	2 48	2 45	5 12
T 25	12 7	6 59	4 58	6 49	1 39	20 13	0 33	23 3	0 4	19 39	0 37	6 36	2 16	23 38	0 11	1 4	1 32	0 14	16 5	14 37	14 43	2 46	2 46	5 12
W26	12 28	3 9	4 29	7 31	1 34	20 32	0 35	23 5	0 6	19 42	0 37	6 39	2 16	23 38	0 11	1 4	1 32	0 14	16 5	14 37	14 42	2 44	2 47	5 11
T 27	12 48	0s49	3 49	8 13	1 28	20 50	0 38	23 8	0 9	19 44	0 37	6 42	2 16	23 38	0 11	1 3	1 32	0 14	16 5	14 37	14 41	2 41	2 48	5 11
F 28	13 9	4 48	2 58	8 54	1 23	21 8	0 41	23 10	0 12	19 47	0 37	6 44	2 16	23 38	0 11	1 3	1 32	0 13	16 5	14 36	14 40	2 39	2 49	5 11
S 29	13 29	8 38	1 59	9 36	1 17	21 26	0 44	23 13	0 15	19 50	0 37	6 47	2 16	23 38	0 11	1 2	1 32	0 13	16 5	14 36	14 39	2 37	2 49	5 10
S 30	13 48	12 9	0 54	10 17	1 11	21 43	0 46	23 15	0 18	19 52	0 37	6 49	2 16	23 38	0 11	1 2	1 32	0 13	16 5	14 36	14 38	2 35	2 50	5 10
M31	14s 8	15s12	0n15	10s57	1n 5	21s59	0s49	23n17	0n20	19s55	0n37	6s52	2n16	23n38	0n11	1n 1	1s32	0n12	16s 5	14s36	14s37	2n33	2s51	5n10

Julian Day Number = 2402145.5, Delta T = 8.38 sec
Ecliptic obliquity = 23°27'18, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°51'06, Lahiri = 21°58'06

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ASTRODIENST EPHEMERIS for the year 1864
geocentric

NOVEMBER 1864 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 42 8	8♏50'50	24♏33	3♏ 3	6♐26	18°R18	1♐56	23♎11	29°R10	6°R 6	12°R21	9°R18	9♏18	13♍37	10°R30	T 1
W 2	2 46 4	9°50'59	7♐23	4°42	7°40	18♊10	2° 9	23°19	29♊ 9	6♈ 4	12♉20	9♏18	9°15	13°44	10♓29	W 2
T 3	2 50 1	10°51'09	20°26	6°21	8°54	18° 2	2°22	23°26	29° 7	6° 3	12°19	9°18	9°12	13°51	10°28	T 3
F 4	2 53 57	11°51'22	3♑43	8° 0	10° 8	17°52	2°35	23°33	29° 6	6° 2	12°18	9°18	9° 8	13°57	10°27	F 4
S 5	2 57 54	12°51'35	17°14	9°38	11°22	17°42	2°48	23°40	29° 4	6° 0	12°17	9°18	9° 5	14° 4	10°26	S 5
S 6	3 1 50	13°51'50	0♒58	11°15	12°36	17°31	3° 1	23°47	29° 3	5°59	12°15	9°17	9° 2	14°11	10°25	S 6
M 7	3 5 47	14°52'07	14°56	12°52	13°50	17°19	3°14	23°54	29° 1	5°58	12°14	9°D17	8°59	14°17	10°24	M 7
T 8	3 9 44	15°52'25	29° 6	14°29	15° 4	17° 6	3°27	24° 1	29° 0	5°57	12°13	9°17	8°56	14°24	10°23	T 8
W 9	3 13 40	16°52'44	13♓26	16° 6	16°18	16°52	3°40	24° 8	28°58	5°56	12°12	9°18	8°53	14°31	10°23	W 9
T 10	3 17 37	17°53'05	27°53	17°42	17°32	16°38	3°53	24°15	28°56	5°54	12°11	9°19	8°49	14°37	10°22	T 10
F 11	3 21 33	18°53'27	12♈24	19°18	18°45	16°23	4° 6	24°22	28°54	5°53	12°10	9°19	8°46	14°44	10°21	F 11
S 12	3 25 30	19°53'51	26°53	20°54	19°59	16° 7	4°19	24°28	28°53	5°52	12° 9	9°20	8°43	14°51	10°21	S 12
S 13	3 29 26	20°54'16	11♉15	22°29	21°13	15°50	4°33	24°35	28°51	5°51	12° 8	9°R20	8°40	14°58	10°20	S 13
M14	3 33 23	21°54'43	25°25	24° 4	22°27	15°33	4°46	24°42	28°49	5°50	12° 7	9°20	8°37	15° 4	10°20	M14
T 15	3 37 19	22°55'11	9♊19	25°39	23°41	15°15	4°59	24°49	28°47	5°49	12° 5	9°19	8°33	15°11	10°20	T 15
W16	3 41 16	23°55'42	22°52	27°13	24°55	14°56	5°13	24°56	28°45	5°48	12° 4	9°17	8°30	15°18	10°19	W16
T 17	3 45 13	24°56'13	6♋ 3	28°47	26° 8	14°37	5°26	25° 2	28°43	5°47	12° 3	9°15	8°27	15°24	10°19	T 17
F 18	3 49 9	25°56'47	18°54	0♐21	27°22	14°17	5°39	25° 9	28°41	5°46	12° 2	9°12	8°24	15°31	10°19	F 18
S 19	3 53 6	26°57'22	1♌24	1°55	28°36	13°57	5°53	25°16	28°39	5°45	12° 1	9°10	8°21	15°38	10°19	S 19
S 20	3 57 2	27°57'59	13°38	3°29	29°50	13°36	6° 6	25°22	28°37	5°44	12° 0	9° 9	8°18	15°44	10°19	S 20
M21	4 0 59	28°58'38	25°40	5° 2	1♑ 3	13°15	6°19	25°29	28°35	5°44	11°59	9°D 8	8°14	15°51	10°D19	M21
T 22	4 4 55	29°59'18	7♍34	6°36	2°17	12°53	6°33	25°35	28°33	5°43	11°58	9° 8	8°11	15°58	10°19	T 22
W23	4 8 52	1♐ 0'00	19°24	8° 9	3°31	12°31	6°46	25°42	28°30	5°42	11°57	9° 9	8° 8	16° 5	10°19	W23
T 24	4 12 48	2° 0'43	1♎17	9°42	4°44	12° 9	7° 0	25°48	28°28	5°41	11°56	9°11	8° 5	16°11	10°19	T 24
F 25	4 16 45	3° 1'29	13°15	11°15	5°58	11°46	7°13	25°54	28°26	5°40	11°55	9°12	8° 2	16°18	10°19	F 25
S 26	4 20 42	4° 2'15	25°25	12°48	7°12	11°23	7°27	26° 1	28°24	5°40	11°54	9°14	7°59	16°25	10°19	S 26
S 27	4 24 38	5° 3'03	7♏48	14°20	8°25	11° 1	7°40	26° 7	28°21	5°39	11°53	9°R15	7°55	16°31	10°20	S 27
M28	4 28 35	6° 3'53	20°27	15°53	9°39	10°37	7°53	26°13	28°19	5°38	11°52	9°14	7°52	16°38	10°20	M28
T 29	4 32 31	7° 4'44	3♐24	17°26	10°52	10°14	8° 7	26°19	28°17	5°38	11°51	9°12	7°49	16°45	10°21	T 29
W30	4 36 28	8♐ 5'36	16♐38	18♐58	12♑ 6	9♊51	8♐20	26♎25	28♊14	5♈37	11♉50	9♏ 9	7♏46	16♍51	10♓21	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s27	17s34	1n24	11s37	0n59	22s15	0s52	23n19	0n23	19s58	0n37	6s55	2n16	23n38	0n11	1n 1	1s32	0n12	16s 5	14s36	14s36	2n31	2s52	5n 9
W 2	14 47	19 6	2 30	12 17	0 52	22 30	0 54	23 22	0 26	20 0	0 37	6 57	2 16	23 38	0 11	1 0	1 32	0 12	16 5	14 36	14 35	2 29	2 52	5 9
T 3	15 5	19 38	3 29	12 56	0 46	22 44	0 57	23 24	0 29	20 3	0 36	7 0	2 16	23 38	0 11	1 0	1 32	0 11	16 5	14 36	14 34	2 27	2 53	5 9
F 4	15 24	19 6	4 18	13 34	0 39	22 58	0 59	23 26	0 32	20 6	0 36	7 2	2 16	23 38	0 11	0 59	1 32	0 11	16 5	14 36	14 33	2 25	2 54	5 8
S 5	15 42	17 29	4 54	14 12	0 32	23 11	1 2	23 28	0 35	20 8	0 36	7 5	2 16	23 38	0 11	0 59	1 32	0 11	16 5	14 36	14 32	2 23	2 54	5 8
S 6	16 1	14 51	5 14	14 49	0 26	23 23	1 4	23 30	0 38	20 11	0 36	7 7	2 16	23 38	0 11	0 58	1 32	0 10	16 5	14 36	14 31	2 21	2 55	5 8
M 7	16 18	11 20	5 16	15 25	0 19	23 35	1 7	23 32	0 41	20 14	0 36	7 10	2 17	23 38	0 11	0 58	1 32	0 10	16 5	14 36	14 30	2 18	2 56	5 7
T 8	16 36	7 8	4 59	16 0	0 12	23 46	1 9	23 34	0 44	20 16	0 36	7 12	2 17	23 38	0 11	0 57	1 32	0 10	16 5	14 36	14 29	2 16	2 56	5 7
W 9	16 53	2 28	4 23	16 35	0 5	23 56	1 12	23 35	0 47	20 19	0 36	7 15	2 17	23 38	0 11	0 57	1 32	0 10	16 5	14 36	14 28	2 14	2 57	5 7
T 10	17 10	2n22	3 30	17 9	0s 1	24 6	1 14	23 37	0 50	20 21	0 36	7 17	2 17	23 38	0 11	0 57	1 32	0 9	16 5	14 36	14 27	2 12	2 57	5 6
F 11	17 27	7 7	2 24	17 42	0 8	24 15	1 16	23 38	0 53	20 24	0 36	7 20	2 17	23 38	0 11	0 56	1 32	0 9	16 5	14 37	14 26	2 10	2 58	5 6
S 12	17 43	11 26	1 9	18 14	0 15	24 23	1 19	23 40	0 56	20 26	0 36	7 22	2 17	23 38	0 11	0 56	1 32	0 9	16 5	14 37	14 25	2 8	2 58	5 6
S 13	18 0	15 3	0s11	18 45	0 21	24 31	1 21	23 41	0 59	20 29	0 35	7 24	2 17	23 38	0 11	0 55	1 32	0 8	16 5	14 37	14 24	2 6	2 59	5 5
M14	18 15	17 42	1 28	19 15	0 28	24 37	1 23	23 42	1 2	20 31	0 35	7 27	2 17	23 38	0 11	0 55	1 32	0 8	16 5	14 37	14 23	2 4	2 59	5 5
T 15	18 31	19 15	2 38	19 44	0 34	24 44	1 25	23 43	1 6	20 34	0 35	7 29	2 17	23 38	0 11	0 55	1 32	0 8	16 5	14 36	14 22	2 2	3 0	5 5
W16	18 46	19 38	3 38	20 13	0 41	24 49	1 28	23 44	1 9	20 36	0 35	7 32	2 17	23 38	0 11	0 54	1 32	0 8	16 4	14 36	14 21	2 0	3 0	5 4
T 17	19 1	18 55	4 25	20 40	0 47	24 53	1 30	23 45	1 12	20 39	0 35	7 34	2 18	23 38	0 12	0 54	1 32	0 8	16 4	14 35	14 20	1 58	3 1	5 4
F 18	19 15	17 14	4 56	21 6	0 53	24 57	1 32	23 46	1 15	20 41	0 35	7 36	2 18	23 38	0 12	0 53	1 32	0 7	16 4	14 34	14 19	1 55	3 1	5 4
S 19	19 29	14 46	5 13	21 32	0 59	25 0	1 34	23 46	1 18	20 44	0 35	7 38	2 18	23 38	0 12	0 53	1 32	0 7	16 4	14 34	14 18	1 53	3 1	5 3
S 20	19 43	11 43	5 15	21 56	1 5	25 3	1 36	23 47	1 21	20 46	0 35	7 41	2 18	23 38	0 12	0 53	1 32	0 7	16 4	14 33	14 17	1 51	3 2	5 3
M21	19 57	8 13	5 3	22 19	1 11	25 4	1 37	23 47	1 24	20 49	0 35	7 43	2 18	23 38	0 12	0 53	1 32	0 7	16 4	14 33	14 16	1 49	3 2	5 3
T 22	20 10	4 26	4 38	22 41	1 17	25 5	1 39	23 47	1 27	20 51	0 35	7 45	2 18	23 38	0 12	0 52	1 31	0 7	16 4	14 33	14 15	1 47	3 2	5 2
W23	20 22	0 30	4 1	23 2	1 22	25 5	1 41	23 47	1 30	20 53	0 34	7 47	2 18	23 38	0 12	0 52	1 31	0 6	16 4	14 33	14 14	1 45	3 3	5 2
T 24	20 35	3s29	3 14	23 22	1 28	25 5	1 43	23 47	1 32	20 56	0 34	7 50	2 18	23 38	0 12	0 52	1 31	0 6	16 4	14 34	14 13	1 43	3 3	5 1
F 25	20 47	7 22	2 18	23 40	1 33	25 3	1 44	23 47	1 35	20 58	0 34	7 52	2 18	23 38	0 12	0 51	1 31	0 6	16 3	14 34	14 12	1 41	3 3	5 1
S 26	20 58	11 0	1 15	23 58	1 38	25 1	1 46	23 47	1 38	21 0	0 34	7 54	2 19	23 38	0 12	0 51	1 31	0 6	16 3	14 35	14 11	1 39	3 3	5 1
S 27	21 9	14 15	0 8	24 14	1 42	24 58	1 47	23 46	1 41	21 2	0 34	7 56	2 19	23 38	0 12	0 51	1 31	0 6	16 3	14 35	14 10	1 37	3 4	5 0
M28	21 20	16 53	1n 1	24 29	1 47	24 55	1 49	23 46	1 43	21 5	0 34	7 58	2 19	23 38	0 12	0 51	1 31	0 6	16 3	14 35	14 9	1 35	3 4	5 0
T 29	21 30	18 45	2 9	24 42	1 51	24 50	1 50	23 45	1 46	21 7	0 34	8 0	2 19	23 38	0 12	0 51	1 31	0 5	16 3	14 34	14 8	1 33	3 4	5 0
W30	21s40	19s37	3n11	24s55	1s55	24s45	1s51	23n44	1n49	21s 9	0n34	8s 2	2n19	23n38	0n12	0n50	1s31	0n 5	16s 3	14s33	14s 6	1n31	3s 4	4n59

Julian Day Number = 2402176.5, Delta T = 8.33 sec
Ecliptic obliquity = 23°27'18, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°51'10, Lahiri = 21°58'10

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ASTRODIENST EPHEMERIS for the year 1864
geocentric

DECEMBER 1864 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 40 24	9♐ 6'29	0♑ 8	20♐30	13♑20	9°R28	8♐34	26♎31	28°R12	5°R37	11°R49	9°R 4	7♏43	16♍58	10♓22	T 1
F 2	4 44 21	10° 7'23	13°51	22° 2	14°33	9♊ 5	8°47	26°37	28♊10	5♈36	11♉48	8♏59	7°39	17° 5	10°22	F 2
S 3	4 48 17	11° 8'18	27°46	23°34	15°46	8°43	9° 1	26°43	28° 7	5°36	11°47	8°54	7°36	17°11	10°23	S 3
S 4	4 52 14	12° 9'14	11♒48	25° 6	17° 0	8°20	9°14	26°49	28° 5	5°35	11°46	8°50	7°33	17°18	10°24	S 4
M 5	4 56 11	13°10'11	25°54	26°37	18°13	7°58	9°28	26°55	28° 2	5°35	11°45	8°47	7°30	17°25	10°25	M 5
T 6	5 0 7	14°11'08	10♓ 3	28° 9	19°27	7°36	9°41	27° 1	28° 0	5°34	11°44	8°D46	7°27	17°32	10°26	T 6
W 7	5 4 4	15°12'06	24°12	29°40	20°40	7°14	9°55	27° 7	27°57	5°34	11°43	8°46	7°24	17°38	10°26	W 7
T 8	5 8 0	16°13'04	8♈19	1♑10	21°53	6°53	10° 8	27°12	27°55	5°34	11°42	8°47	7°20	17°45	10°27	T 8
F 9	5 11 57	17°14'03	22°24	2°40	23° 6	6°32	10°22	27°18	27°52	5°33	11°41	8°49	7°17	17°52	10°29	F 9
S 10	5 15 53	18°15'03	6♉24	4°10	24°20	6°12	10°35	27°23	27°50	5°33	11°40	8°R50	7°14	17°58	10°30	S 10
S 11	5 19 50	19°16'03	20°18	5°39	25°33	5°52	10°49	27°29	27°47	5°33	11°39	8°49	7°11	18° 5	10°31	S 11
M12	5 23 46	20°17'04	4♊ 2	7° 7	26°46	5°33	11° 2	27°34	27°45	5°33	11°38	8°47	7° 8	18°12	10°32	M12
T 13	5 27 43	21°18'06	17°35	8°35	27°59	5°15	11°15	27°39	27°42	5°33	11°38	8°42	7° 5	18°18	10°33	T 13
W14	5 31 40	22°19'08	0♋54	10° 1	29°12	4°57	11°29	27°45	27°40	5°33	11°37	8°35	7° 1	18°25	10°35	W14
T 15	5 35 36	23°20'11	13°56	11°26	0♒25	4°39	11°42	27°50	27°37	5°33	11°36	8°27	6°58	18°32	10°36	T 15
F 16	5 39 33	24°21'15	26°42	12°49	1°38	4°23	11°55	27°55	27°35	5°33	11°35	8°19	6°55	18°38	10°37	F 16
S 17	5 43 29	25°22'20	9♌11	14°11	2°50	4° 7	12° 9	28° 0	27°32	5°D32	11°34	8°10	6°52	18°45	10°39	S 17
S 18	5 47 26	26°23'25	21°25	15°30	4° 3	3°52	12°22	28° 5	27°29	5°33	11°34	8° 3	6°49	18°52	10°40	S 18
M19	5 51 22	27°24'31	3♍27	16°47	5°16	3°37	12°35	28°10	27°27	5°33	11°33	7°58	6°45	18°59	10°42	M19
T 20	5 55 19	28°25'37	15°21	18° 2	6°29	3°23	12°49	28°15	27°24	5°33	11°32	7°55	6°42	19° 5	10°44	T 20
W21	5 59 15	29°26'45	27°10	19°12	7°41	3°10	13° 2	28°19	27°22	5°33	11°31	7°D53	6°39	19°12	10°45	W21
T 22	6 3 12	0♑27'53	9♎ 2	20°19	8°54	2°58	13°15	28°24	27°19	5°33	11°31	7°54	6°36	19°19	10°47	T 22
F 23	6 7 9	1°29'02	21° 0	21°21	10° 6	2°47	13°28	28°29	27°16	5°33	11°30	7°55	6°33	19°25	10°49	F 23
S 24	6 11 5	2°30'11	3♏10	22°18	11°19	2°36	13°41	28°33	27°14	5°33	11°29	7°R56	6°30	19°32	10°51	S 24
S 25	6 15 2	3°31'21	15°36	23° 9	12°31	2°26	13°55	28°37	27°11	5°34	11°29	7°56	6°26	19°39	10°53	S 25
M26	6 18 58	4°32'31	28°24	23°52	13°44	2°17	14° 8	28°42	27° 9	5°34	11°28	7°53	6°23	19°45	10°55	M26
T 27	6 22 55	5°33'42	11♐34	24°28	14°56	2° 9	14°21	28°46	27° 6	5°34	11°28	7°49	6°20	19°52	10°57	T 27
W28	6 26 51	6°34'53	25° 7	24°56	16° 8	2° 2	14°34	28°50	27° 4	5°35	11°27	7°42	6°17	19°59	10°59	W28
T 29	6 30 48	7°36'05	9♑ 2	25°13	17°20	1°55	14°47	28°54	27° 1	5°35	11°26	7°32	6°14	20° 5	11° 1	T 29
F 30	6 34 44	8°37'16	23°14	25°R20	18°32	1°49	15° 0	28°58	26°59	5°36	11°26	7°22	6°11	20°12	11° 3	F 30
S 31	6 38 41	9♑38'28	7♒39	25♑16	19♒44	1♊45	15♐13	29♎ 2	26♊56	5♈36	11♉25	7♏12	6♏ 7	20♍19	11♓ 5	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s50	19s24	4n 3	25s 5	1s59	24s39	1s53	23n43	1n51	21s11	0n34	8s 4	2n19	23n38	0n12	0n50	1s31	0n 5	16s 2	14s32	14s 5	1n28	3s 4	4n59
F 2	21 59	18 3	4 43	25 15	2 2	24 33	1 54	23 42	1 54	21 14	0 34	8 6	2 20	23 38	0 12	0 50	1 31	0 5	16 2	14 30	14 4	1 26	3 4	4 59
S 3	22 8	15 37	5 6	25 23	2 6	24 25	1 55	23 41	1 56	21 16	0 34	8 8	2 20	23 38	0 12	0 50	1 31	0 5	16 2	14 29	14 3	1 24	3 4	4 58
S 4	22 16	12 16	5 12	25 30	2 8	24 17	1 56	23 39	1 58	21 18	0 34	8 10	2 20	23 38	0 12	0 50	1 31	0 5	16 2	14 27	14 2	1 22	3 4	4 58
M 5	22 24	8 13	4 58	25 36	2 11	24 8	1 57	23 38	2 1	21 20	0 34	8 12	2 20	23 38	0 12	0 50	1 31	0 5	16 2	14 26	14 1	1 20	3 4	4 58
T 6	22 31	3 41	4 27	25 40	2 13	23 59	1 57	23 37	2 3	21 22	0 33	8 14	2 20	23 38	0 12	0 49	1 31	0 5	16 2	14 26	14 0	1 18	3 4	4 57
W 7	22 38	1n 3	3 39	25 42	2 15	23 49	1 58	23 35	2 5	21 24	0 33	8 16	2 20	23 38	0 12	0 49	1 31	0 5	16 1	14 26	13 59	1 16	3 4	4 57
T 8	22 44	5 44	2 38	25 43	2 16	23 38	1 59	23 33	2 7	21 26	0 33	8 18	2 21	23 38	0 12	0 49	1 31	0 5	16 1	14 26	13 58	1 14	3 4	4 57
F 9	22 50	10 5	1 28	25 43	2 17	23 26	1 59	23 32	2 9	21 28	0 33	8 20	2 21	23 38	0 12	0 49	1 31	0 5	16 1	14 27	13 57	1 12	3 4	4 56
S 10	22 56	13 52	0 13	25 41	2 18	23 14	2 0	23 30	2 11	21 30	0 33	8 21	2 21	23 38	0 12	0 49	1 31	0 5	16 1	14 27	13 56	1 10	3 4	4 56
S 11	23 1	16 50	1s 2	25 38	2 18	23 1	2 0	23 28	2 12	21 32	0 33	8 23	2 21	23 38	0 12	0 49	1 31	0 4	16 0	14 27	13 55	1 8	3 4	4 56
M12	23 6	18 48	2 12	25 33	2 17	22 47	2 1	23 27	2 14	21 34	0 33	8 25	2 21	23 38	0 12	0 49	1 31	0 4	16 0	14 26	13 54	1 6	3 4	4 55
T 13	23 10	19 39	3 14	25 27	2 16	22 33	2 1	23 25	2 16	21 36	0 33	8 27	2 21	23 38	0 12	0 49	1 31	0 4	16 0	14 25	13 53	1 4	3 4	4 55
W14	23 14	19 23	4 4	25 19	2 15	22 18	2 1	23 23	2 17	21 38	0 33	8 28	2 22	23 38	0 12	0 49	1 31	0 4	16 0	14 22	13 52	1 2	3 4	4 55
T 15	23 17	18 5	4 40	25 10	2 12	22 3	2 1	23 21	2 19	21 40	0 33	8 30	2 22	23 38	0 12	0 49	1 30	0 4	16 0	14 20	13 51	0 59	3 3	4 54
F 16	23 20	15 54	5 2	24 59	2 9	21 47	2 1	23 20	2 20	21 42	0 33	8 32	2 22	23 38	0 12	0 49	1 30	0 4	15 59	14 17	13 50	0 57	3 3	4 54
S 17	23 22	13 1	5 8	24 47	2 6	21 30	2 1	23 18	2 22	21 43	0 33	8 33	2 22	23 38	0 12	0 49	1 30	0 4	15 59	14 14	13 49	0 55	3 3	4 54
S 18	23 24	9 38	5 0	24 33	2 1	21 13	2 1	23 16	2 23	21 45	0 33	8 35	2 22	23 38	0 12	0 49	1 30	0 4	15 59	14 12	13 48	0 53	3 3	4 53
M19	23 26	5 55	4 38	24 19	1 56	20 55	2 0	23 15	2 24	21 47	0 33	8 36	2 23	23 38	0 12	0 49	1 30	0 5	15 59	14 10	13 47	0 51	3 2	4 53
T 20	23 27	2 1	4 5	24 3	1 50	20 36	2 0	23 13	2 25	21 49	0 33	8 38	2 23	23 38	0 12	0 49	1 30	0 5	15 58	14 9	13 46	0 49	3 2	4 53
W21	23 27	1s57	3 21	23 46	1 42	20 17	2 0	23 12	2 26	21 50	0 32	8 39	2 23	23 38	0 12	0 49	1 30	0 5	15 58	14 9	13 45	0 47	3 2	4 52
T 22	23 27	5 52	2 29	23 28	1 34	19 57	1 59	23 10	2 27	21 52	0 32	8 41	2 23	23 38	0 12	0 50	1 30	0 5	15 58	14 9	13 44	0 45	3 1	4 52
F 23	23 27	9 35	1 30	23 10	1 25	19 37	1 58	23 9	2 28	21 54	0 32	8 42	2 23	23 38	0 12	0 50	1 30	0 5	15 57	14 9	13 43	0 43	3 1	4 52
S 24	23 26	12 59	0 26	22 50	1 15	19 17	1 57	23 8	2 29	21 55	0 32	8 44	2 24	23 38	0 12	0 50	1 30	0 5	15 57	14 10	13 42	0 41	3 0	4 51
S 25	23 24	15 52	0n41	22 31	1 4	18 55	1 57	23 6	2 30	21 57	0 32	8 45	2 24	23 37	0 12	0 50	1 30	0 5	15 57	14 10	13 41	0 39	3 0	4 51
M26	23 23	18 4	1 47	22 11	0 51	18 34	1 56	23 5	2 30	21 59	0 32	8 46	2 24	23 37	0 12	0 50	1 30	0 5	15 57	14 9	13 39	0 37	3 0	4 51
T 27	23 20	19 23	2 50	21 51	0 37	18 11	1 55	23 4	2 31	22 0	0 32	8 48	2 24	23 37	0 12	0 50	1 30	0 5	15 56	14 7	13 38	0 35	2 59	4 50
W28	23 17	19 37	3 45	21 32	0 22	17 49	1 53	23 3	2 32	22 2	0 32	8 49	2 25	23 37	0 12	0 51	1 30	0 5	15 56	14 5	13 37	0 33	2 59	4 50
T 29	23 14	18 42	4 27	21 13	0 6	17 26	1 52	23 3	2 32	22 3	0 32	8 50	2 25	23 37	0 12	0 51	1 30	0 5	15 56	14 2	13 36	0 31	2 58	4 50
F 30	23 10	16 37	4 54	20 55	0n11	17 2	1 51	23 2	2 33	22 5	0 32	8 51	2 25	23 37	0 12	0 51	1 30	0 5	15 55	13 59	13 35	0 29	2 58	4 49
S 31	23s 6	13s29	5n 4	20s38	0n29	16s38	1s49	23n 1	2n33	22s 6	0n32	8s52	2n25	23n37	0n12	0n51	1s30	0n 6	15s55	13s55	13s34	0n27	2s57	4n49

Julian Day Number = 2402206.5, Delta T = 8.28 sec
Ecliptic obliquity = 23°27'17, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°51'14, Lahiri = 21°58'15

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ASTRODIENST EPHEMERIS for the year 1865
geocentric

JANUARY 1865 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 42 38	10♑39'39	22♒ 8	25°R 0	20♒56	1°R41	15♐26	29♎ 6	26°R54	5°♈37	11°R25	7°R 2	6♏ 4	20♍25	11♓ 8	S 1
M 2	6 46 34	11°40'50	6♓36	24♑33	22° 8	1♊37	15°38	29°10	26♊51	5°37	11♉24	6♏55	6° 1	20°32	11°10	M 2
T 3	6 50 31	12°42'01	20°58	23°54	23°20	1°35	15°51	29°13	26°49	5°38	11°24	6°51	5°58	20°39	11°12	T 3
W 4	6 54 27	13°43'11	5♈11	23° 3	24°31	1°33	16° 4	29°17	26°46	5°38	11°23	6°49	5°55	20°45	11°15	W 4
T 5	6 58 24	14°44'21	19°13	22° 3	25°43	1°D33	16°17	29°20	26°44	5°39	11°23	6°D49	5°51	20°52	11°17	T 5
F 6	7 2 20	15°45'30	3♉ 3	20°54	26°54	1°33	16°29	29°24	26°41	5°40	11°23	6°R49	5°48	20°59	11°19	F 6
S 7	7 6 17	16°46'39	16°42	19°39	28° 6	1°33	16°42	29°27	26°39	5°40	11°22	6°49	5°45	21° 6	11°22	S 7
S 8	7 10 13	17°47'48	0♊11	18°20	29°17	1°35	16°54	29°30	26°37	5°41	11°22	6°47	5°42	21°12	11°25	S 8
M 9	7 14 10	18°48'56	13°30	17° 0	0♓28	1°37	17° 7	29°33	26°34	5°42	11°21	6°42	5°39	21°19	11°27	M 9
T 10	7 18 7	19°50'03	26°38	15°41	1°39	1°40	17°19	29°36	26°32	5°43	11°21	6°34	5°36	21°26	11°30	T 10
W11	7 22 3	20°51'10	9♋36	14°26	2°50	1°44	17°32	29°39	26°30	5°44	11°21	6°23	5°32	21°32	11°33	W11
T 12	7 26 0	21°52'17	22°21	13°17	4° 1	1°49	17°44	29°42	26°28	5°45	11°20	6°10	5°29	21°39	11°35	T 12
F 13	7 29 56	22°53'23	4♌55	12°14	5°12	1°54	17°56	29°45	26°25	5°46	11°20	5°56	5°26	21°46	11°38	F 13
S 14	7 33 53	23°54'29	17°16	11°20	6°22	2° 0	18° 9	29°47	26°23	5°46	11°20	5°43	5°23	21°52	11°41	S 14
S 15	7 37 49	24°55'34	29°25	10°36	7°33	2° 6	18°21	29°50	26°21	5°47	11°20	5°30	5°20	21°59	11°44	S 15
M16	7 41 46	25°56'39	11♍24	10° 0	8°43	2°13	18°33	29°52	26°19	5°48	11°20	5°20	5°16	22° 6	11°47	M16
T 17	7 45 43	26°57'44	23°16	9°34	9°53	2°21	18°45	29°55	26°17	5°50	11°19	5°13	5°13	22°12	11°50	T 17
W18	7 49 39	27°58'48	5♎ 4	9°18	11° 3	2°30	18°57	29°57	26°15	5°51	11°19	5° 9	5°10	22°19	11°53	W18
T 19	7 53 36	28°59'52	16°54	9°D10	12°13	2°39	19° 9	29°59	26°12	5°52	11°19	5° 7	5° 7	22°26	11°56	T 19
F 20	7 57 32	0♒ 0'55	28°49	9°11	13°23	2°49	19°21	0♏ 1	26°10	5°53	11°19	5° 6	5° 4	22°32	11°59	F 20
S 21	8 1 29	1° 1'58	10♏56	9°20	14°32	2°59	19°32	0° 3	26° 8	5°54	11°19	5° 6	5° 1	22°39	12° 2	S 21
S 22	8 5 25	2° 3'00	23°21	9°36	15°42	3°10	19°44	0° 5	26° 6	5°55	11°19	5° 6	4°57	22°46	12° 5	S 22
M23	8 9 22	3° 4'02	6♐ 8	9°58	16°51	3°22	19°56	0° 7	26° 5	5°56	11°19	5° 3	4°54	22°52	12° 8	M23
T 24	8 13 18	4° 5'04	19°21	10°27	18° 0	3°34	20° 7	0° 8	26° 3	5°58	11°19	4°57	4°51	22°59	12°11	T 24
W25	8 17 15	5° 6'05	3♑ 2	11° 1	19° 9	3°46	20°19	0°10	26° 1	5°59	11°D19	4°49	4°48	23° 6	12°14	W25
T 26	8 21 12	6° 7'05	17°10	11°40	20°18	4° 0	20°30	0°11	25°59	6° 0	11°19	4°39	4°45	23°13	12°18	T 26
F 27	8 25 8	7° 8'04	1♒42	12°24	21°27	4°13	20°41	0°12	25°57	6° 2	11°19	4°27	4°42	23°19	12°21	F 27
S 28	8 29 5	8° 9'02	16°30	13°12	22°35	4°28	20°52	0°14	25°56	6° 3	11°19	4°14	4°38	23°26	12°24	S 28
S 29	8 33 1	9° 9'59	1♓26	14° 4	23°44	4°42	21° 4	0°15	25°54	6° 4	11°19	4° 3	4°35	23°33	12°27	S 29
M30	8 36 58	10°10'55	16°21	14°59	24°52	4°58	21°15	0°16	25°52	6° 6	11°19	3°55	4°32	23°39	12°31	M30
T 31	8 40 54	11♒11'50	1♈ 6	15♑57	26♓ 0	5♊14	21♐26	0♏17	25♊51	6♈ 7	11♉19	3♏49	4♏29	23♍46	12♓34	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 2	9s31	4n53	20s22	0n47	16s13	1s48	23n 1	2n34	22s 8	0n32	8s54	2n25	23n37	0n12	0n51	1s30	0n 6	15s55	13s52	13s33	0n25	2s56	4n49
M 2	22 56	5 0	4 24	20 8	1 7	15 49	1 46	23 1	2 34	22 9	0 32	8 55	2 26	23 37	0 12	0 52	1 30	0 6	15 55	13 50	13 32	0 22	2 56	4 49
T 3	22 51	0 14	3 39	19 56	1 26	15 23	1 44	23 0	2 34	22 11	0 32	8 56	2 26	23 37	0 12	0 52	1 30	0 6	15 54	13 49	13 31	0 20	2 55	4 48
W 4	22 45	4n30	2 40	19 45	1 45	14 58	1 42	23 0	2 34	22 12	0 32	8 57	2 26	23 37	0 12	0 52	1 30	0 6	15 54	13 48	13 30	0 18	2 55	4 48
T 5	22 38	8 57	1 32	19 37	2 4	14 32	1 40	23 0	2 35	22 13	0 32	8 58	2 26	23 37	0 12	0 53	1 30	0 6	15 54	13 48	13 29	0 16	2 54	4 48
F 6	22 31	12 51	0 20	19 30	2 21	14 5	1 38	23 1	2 35	22 15	0 32	8 59	2 27	23 37	0 12	0 53	1 29	0 7	15 53	13 48	13 28	0 14	2 53	4 47
S 7	22 24	16 0	0s52	19 25	2 37	13 39	1 36	23 1	2 35	22 16	0 32	9 0	2 27	23 37	0 12	0 53	1 29	0 7	15 53	13 48	13 27	0 12	2 53	4 47
S 8	22 16	18 14	2 1	19 22	2 51	13 12	1 34	23 1	2 35	22 17	0 32	9 1	2 27	23 37	0 12	0 54	1 29	0 7	15 53	13 47	13 26	0 10	2 52	4 47
M 9	22 8	19 26	3 1	19 21	3 3	12 44	1 31	23 2	2 35	22 18	0 32	9 1	2 27	23 37	0 12	0 54	1 29	0 7	15 52	13 46	13 25	0 8	2 51	4 47
T 10	21 59	19 33	3 52	19 21	3 12	12 17	1 29	23 2	2 35	22 20	0 32	9 2	2 28	23 37	0 12	0 54	1 29	0 7	15 52	13 43	13 24	0 6	2 50	4 46
W11	21 50	18 38	4 29	19 23	3 19	11 49	1 26	23 3	2 35	22 21	0 31	9 3	2 28	23 37	0 12	0 55	1 29	0 8	15 52	13 39	13 23	0 4	2 50	4 46
T 12	21 41	16 48	4 52	19 26	3 23	11 20	1 24	23 4	2 35	22 22	0 31	9 4	2 28	23 37	0 12	0 55	1 29	0 8	15 51	13 35	13 22	0 2	2 49	4 46
F 13	21 31	14 11	5 0	19 30	3 25	10 52	1 21	23 5	2 35	22 23	0 31	9 5	2 28	23 36	0 12	0 55	1 29	0 8	15 51	13 31	13 21	0s 0	2 48	4 46
S 14	21 20	10 59	4 55	19 35	3 24	10 23	1 18	23 6	2 35	22 24	0 31	9 5	2 29	23 36	0 12	0 56	1 29	0 8	15 51	13 26	13 19	0 2	2 47	4 45
S 15	21 10	7 23	4 35	19 41	3 22	9 54	1 15	23 7	2 35	22 25	0 31	9 6	2 29	23 36	0 12	0 56	1 29	0 9	15 50	13 22	13 18	0 4	2 46	4 45
M16	20 58	3 32	4 4	19 47	3 18	9 25	1 12	23 9	2 35	22 26	0 31	9 6	2 29	23 36	0 12	0 57	1 29	0 9	15 50	13 19	13 17	0 6	2 46	4 45
T 17	20 47	0s25	3 22	19 55	3 12	8 56	1 9	23 10	2 34	22 28	0 31	9 7	2 29	23 36	0 12	0 57	1 29	0 9	15 50	13 16	13 16	0 8	2 45	4 45
W18	20 35	4 20	2 32	20 3	3 5	8 26	1 5	23 12	2 34	22 29	0 31	9 8	2 30	23 36	0 12	0 58	1 29	0 9	15 49	13 15	13 15	0 10	2 44	4 44
T 19	20 22	8 6	1 35	20 11	2 57	7 56	1 2	23 13	2 34	22 30	0 31	9 8	2 30	23 36	0 12	0 58	1 29	0 10	15 49	13 14	13 14	0 12	2 43	4 44
F 20	20 10	11 35	0 33	20 20	2 49	7 26	0 59	23 15	2 34	22 31	0 31	9 8	2 30	23 36	0 12	0 59	1 29	0 10	15 49	13 14	13 13	0 14	2 42	4 44
S 21	19 56	14 38	0n31	20 29	2 39	6 56	0 55	23 17	2 34	22 31	0 31	9 9	2 30	23 36	0 12	0 59	1 29	0 10	15 48	13 14	13 12	0 16	2 41	4 44
S 22	19 43	17 5	1 35	20 37	2 30	6 26	0 51	23 19	2 33	22 32	0 31	9 9	2 31	23 36	0 12	1 0	1 29	0 11	15 48	13 14	13 11	0 18	2 40	4 43
M23	19 29	18 47	2 36	20 46	2 19	5 56	0 48	23 21	2 33	22 33	0 31	9 10	2 31	23 36	0 12	1 0	1 29	0 11	15 48	13 13	13 10	0 20	2 39	4 43
T 24	19 15	19 31	3 31	20 54	2 9	5 25	0 44	23 23	2 33	22 34	0 31	9 10	2 31	23 36	0 12	1 1	1 29	0 11	15 47	13 11	13 9	0 22	2 38	4 43
W25	19 0	19 9	4 16	21 2	1 59	4 54	0 40	23 25	2 32	22 35	0 31	9 10	2 31	23 36	0 12	1 1	1 29	0 12	15 47	13 8	13 8	0 24	2 37	4 43
T 26	18 45	17 37	4 47	21 9	1 48	4 24	0 36	23 27	2 32	22 36	0 31	9 10	2 32	23 36	0 12	1 2	1 29	0 12	15 47	13 5	13 7	0 26	2 36	4 42
F 27	18 30	14 55	5 0	21 16	1 37	3 53	0 32	23 29	2 32	22 37	0 31	9 11	2 32	23 36	0 12	1 2	1 29	0 12	15 46	13 1	13 6	0 28	2 35	4 42
S 28	18 14	11 14	4 54	21 22	1 27	3 22	0 28	23 31	2 31	22 38	0 31	9 11	2 32	23 36	0 12	1 3	1 29	0 13	15 46	12 56	13 5	0 31	2 34	4 42
S 29	17 58	6 48	4 27	21 27	1 16	2 51	0 23	23 34	2 31	22 38	0 31	9 11	2 33	23 36	0 12	1 4	1 29	0 13	15 45	12 53	13 3	0 33	2 33	4 42
M30	17 42	1 58	3 43	21 31	1 6	2 20	0 19	23 36	2 30	22 39	0 31	9 11	2 33	23 36	0 12	1 4	1 28	0 13	15 45	12 50	13 2	0 35	2 32	4 42
T 31	17s26	2n56	2n43	21s35	0n55	1s49	0s14	23n39	2n30	22s40	0n31	9s11	2n33	23n36	0n12	1n 5	1s28	0n14	15s45	12s48	13s 1	0s37	2s31	4n41

Julian Day Number = 2402237.5, Delta T = 8.22 sec
Ecliptic obliquity = 23°27'17, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°51'18, Lahiri = 21°58'19

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ASTRODIENST EPHEMERIS for the year 1865
geocentric

FEBRUARY 1865 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 44 51	12♒12'43	15♈36	16♑58	27♓ 7	5♊30	21♐36	0♏17	25°R49	6♈ 9	11♉19	3°R46	4♏26	23♍53	12♓38	W 1
T 2	8 48 47	13°13'35	29°47	18° 2	28°15	5°47	21°47	0°18	25♊47	6°10	11°19	3°D45	4°22	23°59	12°41	T 2
F 3	8 52 44	14°14'26	13♉38	19° 8	29°22	6° 4	21°58	0°18	25°46	6°12	11°20	3°R45	4°19	24° 6	12°44	F 3
S 4	8 56 41	15°15'15	27°11	20°16	0♈29	6°21	22° 8	0°19	25°45	6°13	11°20	3♏44	4°16	24°13	12°48	S 4
S 5	9 0 37	16°16'02	10♊27	21°26	1°36	6°39	22°19	0°19	25°43	6°15	11°20	3°42	4°13	24°19	12°51	S 5
M 6	9 4 34	17°16'48	23°28	22°38	2°43	6°58	22°29	0°20	25°42	6°17	11°20	3°38	4°10	24°26	12°55	M 6
T 7	9 8 30	18°17'33	6♋17	23°52	3°49	7°17	22°40	0°20	25°41	6°18	11°21	3°30	4° 7	24°33	12°58	T 7
W 8	9 12 27	19°18'16	18°55	25° 7	4°55	7°36	22°50	0°R20	25°39	6°20	11°21	3°20	4° 3	24°39	13° 2	W 8
T 9	9 16 23	20°18'58	1♌22	26°24	6° 1	7°56	23° 0	0°20	25°38	6°22	11°21	3° 7	4° 0	24°46	13° 6	T 9
F 10	9 20 20	21°19'38	13°40	27°43	7° 7	8°16	23°10	0°19	25°37	6°23	11°22	2°54	3°57	24°53	13° 9	F 10
S 11	9 24 16	22°20'16	25°50	29° 3	8°12	8°36	23°20	0°19	25°36	6°25	11°22	2°40	3°54	24°59	13°13	S 11
S 12	9 28 13	23°20'53	7♍51	0♒24	9°17	8°57	23°30	0°19	25°35	6°27	11°22	2°28	3°51	25° 6	13°16	S 12
M13	9 32 10	24°21'29	19°45	1°46	10°22	9°18	23°39	0°18	25°34	6°29	11°23	2°18	3°48	25°13	13°20	M13
T 14	9 36 6	25°22'04	1♎35	3°10	11°27	9°40	23°49	0°18	25°33	6°30	11°23	2°11	3°44	25°19	13°24	T 14
W15	9 40 3	26°22'37	13°23	4°34	12°31	10° 1	23°58	0°17	25°32	6°32	11°24	2° 6	3°41	25°26	13°27	W15
T 16	9 43 59	27°23'08	25°12	6° 0	13°35	10°23	24° 8	0°16	25°31	6°34	11°24	2° 5	3°38	25°33	13°31	T 16
F 17	9 47 56	28°23'39	7♏ 6	7°27	14°38	10°46	24°17	0°15	25°30	6°36	11°25	2°D 4	3°35	25°39	13°35	F 17
S 18	9 51 52	29°24'08	19°12	8°55	15°41	11° 9	24°26	0°14	25°30	6°38	11°25	2° 5	3°32	25°46	13°39	S 18
S 19	9 55 49	0♓24'36	1♐33	10°24	16°44	11°32	24°35	0°13	25°29	6°40	11°26	2°R 5	3°28	25°53	13°42	S 19
M20	9 59 45	1°25'02	14°15	11°54	17°47	11°55	24°44	0°12	25°28	6°42	11°26	2° 5	3°25	25°59	13°46	M20
T 21	10 3 42	2°25'27	27°23	13°25	18°49	12°19	24°53	0°11	25°28	6°44	11°27	2° 2	3°22	26° 6	13°50	T 21
W22	10 7 38	3°25'51	11♑ 0	14°57	19°51	12°43	25° 1	0° 9	25°27	6°46	11°27	1°56	3°19	26°13	13°54	W22
T 23	10 11 35	4°26'14	25° 6	16°30	20°52	13° 7	25°10	0° 8	25°27	6°48	11°28	1°49	3°16	26°19	13°57	T 23
F 24	10 15 32	5°26'34	9♒41	18° 5	21°53	13°31	25°18	0° 6	25°26	6°50	11°28	1°41	3°13	26°26	14° 1	F 24
S 25	10 19 28	6°26'54	24°37	19°40	22°54	13°56	25°26	0° 4	25°26	6°52	11°29	1°31	3° 9	26°33	14° 5	S 25
S 26	10 23 25	7°27'11	9♓48	21°16	23°54	14°21	25°35	0° 3	25°25	6°54	11°30	1°23	3° 6	26°39	14° 9	S 26
M27	10 27 21	8°27'27	25° 1	22°53	24°54	14°46	25°43	0° 1	25°25	6°56	11°30	1°17	3° 3	26°46	14°13	M27
T 28	10 31 18	9♓27'40	10♈ 7	24♒31	25♈53	15♊12	25♐50	29♎59	25♊25	6♈58	11♉31	1♏13	3♏ 0	26♍53	14♓16	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s 9	7n36	1n34	21s38	0n45	1s18	0s10	23n41	2n30	22s41	0n31	9s11	2n33	23n35	0n12	1n 5	1s28	0n14	15s44	12s47	13s 0	0s39	2s30	4n41
T 2	16 52	11 44	0 21	21 39	0 35	0 47	0 5	23 44	2 29	22 41	0 31	9 11	2 34	23 35	0 12	1 6	1 28	0 14	15 44	12 46	12 59	0 41	2 28	4 41
F 3	16 34	15 7	0s52	21 40	0 26	0 16	0 1	23 46	2 29	22 42	0 31	9 11	2 34	23 35	0 12	1 7	1 28	0 15	15 44	12 46	12 58	0 43	2 27	4 41
S 4	16 16	17 35	2 1	21 39	0 16	0n16	0n 4	23 49	2 28	22 43	0 31	9 11	2 34	23 35	0 12	1 7	1 28	0 15	15 43	12 46	12 57	0 45	2 26	4 41
S 5	15 58	19 2	3 1	21 38	0 7	0 47	0 9	23 52	2 28	22 43	0 31	9 11	2 34	23 35	0 12	1 8	1 28	0 16	15 43	12 46	12 56	0 47	2 25	4 41
M 6	15 40	19 27	3 51	21 35	0s 2	1 18	0 14	23 55	2 27	22 44	0 31	9 11	2 35	23 35	0 12	1 9	1 28	0 16	15 43	12 44	12 55	0 49	2 24	4 40
T 7	15 21	18 50	4 28	21 31	0 11	1 49	0 19	23 57	2 27	22 44	0 31	9 11	2 35	23 35	0 12	1 9	1 28	0 16	15 42	12 41	12 54	0 51	2 23	4 40
W 8	15 3	17 18	4 52	21 26	0 19	2 20	0 24	24 0	2 26	22 45	0 31	9 10	2 35	23 35	0 12	1 10	1 28	0 17	15 42	12 38	12 53	0 53	2 21	4 40
T 9	14 43	14 58	5 1	21 20	0 28	2 50	0 29	24 3	2 26	22 46	0 31	9 10	2 35	23 35	0 12	1 11	1 28	0 17	15 42	12 34	12 52	0 55	2 20	4 40
F 10	14 24	12 0	4 56	21 13	0 36	3 21	0 34	24 6	2 25	22 46	0 31	9 10	2 36	23 35	0 12	1 11	1 28	0 18	15 41	12 29	12 51	0 57	2 19	4 40
S 11	14 5	8 34	4 37	21 4	0 43	3 52	0 40	24 8	2 25	22 47	0 31	9 9	2 36	23 35	0 12	1 12	1 28	0 18	15 41	12 24	12 50	0 59	2 18	4 40
S 12	13 45	4 49	4 7	20 54	0 51	4 22	0 45	24 11	2 25	22 47	0 31	9 9	2 36	23 35	0 12	1 13	1 28	0 19	15 41	12 20	12 48	1 1	2 16	4 39
M13	13 25	0 55	3 25	20 43	0 58	4 53	0 51	24 14	2 24	22 48	0 31	9 9	2 36	23 35	0 12	1 14	1 28	0 19	15 40	12 17	12 47	1 3	2 15	4 39
T 14	13 4	3s 0	2 35	20 31	1 5	5 23	0 56	24 17	2 24	22 48	0 31	9 8	2 37	23 35	0 12	1 14	1 28	0 19	15 40	12 14	12 46	1 5	2 14	4 39
W15	12 44	6 47	1 38	20 17	1 11	5 53	1 2	24 19	2 23	22 49	0 31	9 8	2 37	23 35	0 12	1 15	1 28	0 20	15 40	12 13	12 45	1 7	2 13	4 39
T 16	12 23	10 19	0 37	20 2	1 17	6 24	1 7	24 22	2 22	22 49	0 31	9 7	2 37	23 35	0 12	1 16	1 28	0 20	15 39	12 12	12 44	1 9	2 11	4 39
F 17	12 2	13 28	0n27	19 46	1 23	6 53	1 13	24 25	2 22	22 49	0 31	9 7	2 37	23 35	0 12	1 17	1 28	0 21	15 39	12 12	12 43	1 11	2 10	4 39
S 18	11 41	16 5	1 30	19 28	1 29	7 23	1 19	24 28	2 21	22 50	0 30	9 6	2 38	23 35	0 12	1 17	1 28	0 21	15 39	12 12	12 42	1 13	2 9	4 39
S 19	11 20	18 1	2 31	19 9	1 34	7 53	1 24	24 30	2 21	22 50	0 30	9 5	2 38	23 35	0 12	1 18	1 28	0 22	15 38	12 12	12 41	1 15	2 7	4 39
M20	10 59	19 7	3 26	18 49	1 39	8 22	1 30	24 33	2 20	22 51	0 30	9 5	2 38	23 35	0 12	1 19	1 28	0 22	15 38	12 12	12 40	1 17	2 6	4 38
T 21	10 37	19 14	4 12	18 28	1 44	8 51	1 36	24 36	2 20	22 51	0 30	9 4	2 38	23 35	0 12	1 20	1 28	0 23	15 38	12 11	12 39	1 19	2 5	4 38
W22	10 15	18 15	4 46	18 5	1 48	9 20	1 42	24 38	2 19	22 51	0 30	9 3	2 39	23 35	0 12	1 20	1 28	0 23	15 37	12 9	12 38	1 21	2 3	4 38
T 23	9 53	16 9	5 3	17 41	1 52	9 49	1 48	24 41	2 19	22 52	0 30	9 3	2 39	23 35	0 12	1 21	1 28	0 24	15 37	12 7	12 37	1 23	2 2	4 38
F 24	9 31	12 58	5 3	17 15	1 56	10 17	1 54	24 43	2 18	22 52	0 30	9 2	2 39	23 35	0 12	1 22	1 28	0 24	15 37	12 4	12 35	1 25	2 1	4 38
S 25	9 9	8 54	4 41	16 48	1 59	10 46	2 0	24 46	2 18	22 52	0 30	9 1	2 39	23 35	0 12	1 23	1 28	0 25	15 36	12 1	12 34	1 27	1 59	4 38
S 26	8 47	4 12	4 0	16 20	2 2	11 14	2 6	24 48	2 17	22 52	0 30	9 0	2 40	23 35	0 12	1 24	1 28	0 25	15 36	11 58	12 33	1 29	1 58	4 38
M27	8 24	0n48	3 2	15 51	2 4	11 41	2 12	24 51	2 17	22 53	0 30	8 59	2 40	23 35	0 12	1 25	1 28	0 26	15 36	11 56	12 32	1 31	1 57	4 38
T 28	8s 2	5n42	1n51	15s20	2s 6	12n 9	2n18	24n53	2n16	22s53	0n30	8s58	2n40	23n35	0n12	1n25	1s28	0n26	15s35	11s54	12s31	1s33	1s55	4n38

Julian Day Number = 2402268.5, Delta T = 8.16 sec
Ecliptic obliquity = 23°27'17, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°51'23, Lahiri = 21°58'23

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1865
geocentric

MARCH 1865 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 35 14	10♓27'52	24♈56	26♒11	26♈52	15♊37	25♐58	29°R56	25°R25	7♈ 0	11♉32	1°D11	2♏57	26♍59	14♓20	W 1
T 2	10 39 11	11°28'02	9♉25	27°51	27°50	16° 3	26° 6	29♎54	25♊25	7° 2	11°33	1♏11	2°54	27° 6	14°24	T 2
F 3	10 43 7	12°28'10	23°29	29°32	28°48	16°30	26°13	29°52	25°25	7° 4	11°33	1°12	2°50	27°13	14°28	F 3
S 4	10 47 4	13°28'15	7♊ 8	1♓15	29°45	16°56	26°20	29°50	25°D24	7° 6	11°34	1°R13	2°47	27°19	14°32	S 4
S 5	10 51 1	14°28'19	20°24	2°58	0♉42	17°23	26°28	29°47	25°25	7° 8	11°35	1°13	2°44	27°26	14°35	S 5
M 6	10 54 57	15°28'20	3♋20	4°43	1°38	17°49	26°35	29°45	25°25	7°10	11°36	1°11	2°41	27°33	14°39	M 6
T 7	10 58 54	16°28'19	16° 0	6°29	2°34	18°17	26°41	29°42	25°25	7°12	11°37	1° 7	2°38	27°39	14°43	T 7
W 8	11 2 50	17°28'16	28°25	8°15	3°29	18°44	26°48	29°39	25°25	7°15	11°38	1° 2	2°34	27°46	14°47	W 8
T 9	11 6 47	18°28'11	10♌39	10° 3	4°24	19°11	26°55	29°36	25°25	7°17	11°38	0°55	2°31	27°53	14°51	T 9
F 10	11 10 43	19°28'04	22°45	11°53	5°17	19°39	27° 1	29°34	25°26	7°19	11°39	0°47	2°28	28° 0	14°54	F 10
S 11	11 14 40	20°27'54	4♍44	13°43	6°11	20° 7	27° 7	29°31	25°26	7°21	11°40	0°39	2°25	28° 6	14°58	S 11
S 12	11 18 36	21°27'42	16°37	15°34	7° 3	20°35	27°13	29°28	25°26	7°23	11°41	0°32	2°22	28°13	15° 2	S 12
M13	11 22 33	22°27'29	28°28	17°27	7°55	21° 3	27°19	29°24	25°27	7°26	11°42	0°26	2°19	28°20	15° 6	M13
T 14	11 26 30	23°27'13	10♎16	19°21	8°46	21°31	27°25	29°21	25°27	7°28	11°43	0°22	2°15	28°26	15°10	T 14
W15	11 30 26	24°26'56	22° 6	21°15	9°36	22° 0	27°31	29°18	25°28	7°30	11°44	0°20	2°12	28°33	15°13	W15
T 16	11 34 23	25°26'37	3♏58	23°11	10°25	22°28	27°36	29°15	25°29	7°32	11°45	0°D20	2° 9	28°40	15°17	T 16
F 17	11 38 19	26°26'16	15°57	25° 8	11°14	22°57	27°42	29°11	25°29	7°34	11°46	0°21	2° 6	28°46	15°21	F 17
S 18	11 42 16	27°25'53	28° 5	27° 7	12° 2	23°26	27°47	29° 8	25°30	7°37	11°47	0°22	2° 3	28°53	15°25	S 18
S 19	11 46 12	28°25'28	10♐27	29° 5	12°48	23°55	27°52	29° 4	25°31	7°39	11°48	0°24	1°59	29° 0	15°28	S 19
M20	11 50 9	29°25'02	23° 8	1♈ 5	13°34	24°25	27°57	29° 0	25°32	7°41	11°49	0°25	1°56	29° 6	15°32	M20
T 21	11 54 5	0♈24'34	6♑11	3° 6	14°19	24°54	28° 1	28°57	25°32	7°43	11°50	0°R25	1°53	29°13	15°36	T 21
W22	11 58 2	1°24'04	19°40	5° 7	15° 3	25°24	28° 6	28°53	25°33	7°46	11°51	0°24	1°50	29°20	15°40	W22
T 23	12 1 59	2°23'33	3♒36	7° 9	15°46	25°53	28°10	28°49	25°34	7°48	11°52	0°21	1°47	29°26	15°43	T 23
F 24	12 5 55	3°22'59	18° 0	9°10	16°28	26°23	28°14	28°45	25°35	7°50	11°53	0°18	1°44	29°33	15°47	F 24
S 25	12 9 52	4°22'24	2♓48	11°12	17° 9	26°53	28°18	28°41	25°37	7°52	11°54	0°14	1°40	29°40	15°51	S 25
S 26	12 13 48	5°21'47	17°53	13°14	17°49	27°23	28°22	28°37	25°38	7°55	11°55	0°11	1°37	29°46	15°54	S 26
M27	12 17 45	6°21'08	3♈ 6	15°15	18°27	27°54	28°26	28°33	25°39	7°57	11°57	0° 8	1°34	29°53	15°58	M27
T 28	12 21 41	7°20'26	18°19	17°15	19° 5	28°24	28°29	28°29	25°40	7°59	11°58	0° 7	1°31	29°59	16° 2	T 28
W29	12 25 38	8°19'43	3♉20	19°14	19°40	28°55	28°33	28°25	25°41	8° 2	11°59	0°D 6	1°28	0♎ 6	16° 5	W29
T 30	12 29 34	9°18'58	18° 2	21°12	20°15	29°25	28°36	28°21	25°43	8° 4	12° 0	0° 7	1°25	0°13	16° 9	T 30
F 31	12 33 31	10♈18'10	2♊20	23♈ 8	20♉48	29♊56	28♐39	28♎17	25♊44	8♈ 6	12♉ 1	0♏ 8	1♏21	0♎20	16♓12	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s39	10n11	0n34	14s48	2s 8	12n36	2n24	24n55	2n16	22s53	0n30	8s57	2n40	23n35	0n12	1n26	1s28	0n27	15s35	11s54	12s30	1s35	1s54	4n38
T 2	7 16	13 56	0s44	14 15	2 9	13 3	2 30	24 58	2 15	22 54	0 30	8 56	2 41	23 35	0 12	1 27	1 28	0 27	15 35	11 54	12 29	1 37	1 53	4 38
F 3	6 53	16 46	1 57	13 40	2 10	13 29	2 36	25 0	2 14	22 54	0 30	8 55	2 41	23 35	0 12	1 28	1 28	0 28	15 35	11 54	12 28	1 39	1 51	4 37
S 4	6 30	18 32	3 2	13 4	2 10	13 56	2 43	25 2	2 14	22 54	0 30	8 54	2 41	23 35	0 12	1 29	1 28	0 28	15 34	11 54	12 27	1 41	1 50	4 37
S 5	6 7	19 13	3 54	12 27	2 10	14 22	2 49	25 4	2 13	22 54	0 30	8 53	2 41	23 35	0 12	1 30	1 28	0 29	15 34	11 54	12 26	1 43	1 48	4 37
M 6	5 44	18 51	4 33	11 48	2 10	14 47	2 55	25 6	2 13	22 54	0 30	8 52	2 41	23 35	0 12	1 30	1 28	0 29	15 34	11 54	12 25	1 45	1 47	4 37
T 7	5 21	17 33	4 58	11 8	2 9	15 13	3 1	25 8	2 12	22 55	0 30	8 51	2 42	23 35	0 12	1 31	1 28	0 30	15 33	11 52	12 24	1 47	1 45	4 37
W 8	4 57	15 27	5 9	10 27	2 7	15 37	3 8	25 10	2 12	22 55	0 30	8 50	2 42	23 35	0 12	1 32	1 28	0 30	15 33	11 50	12 22	1 49	1 44	4 37
T 9	4 34	12 41	5 4	9 44	2 6	16 2	3 14	25 12	2 11	22 55	0 30	8 49	2 42	23 35	0 12	1 33	1 28	0 31	15 33	11 48	12 21	1 51	1 43	4 37
F 10	4 10	9 25	4 47	9 1	2 3	16 26	3 20	25 13	2 11	22 55	0 30	8 48	2 42	23 35	0 12	1 34	1 28	0 31	15 33	11 45	12 20	1 53	1 41	4 37
S 11	3 47	5 48	4 17	8 16	2 0	16 50	3 26	25 15	2 10	22 55	0 30	8 46	2 42	23 35	0 12	1 35	1 28	0 32	15 32	11 42	12 19	1 55	1 40	4 37
S 12	3 23	1 59	3 35	7 29	1 57	17 13	3 33	25 16	2 10	22 55	0 30	8 45	2 43	23 35	0 12	1 36	1 28	0 32	15 32	11 40	12 18	1 57	1 38	4 37
M13	3 0	1s54	2 45	6 42	1 53	17 36	3 39	25 18	2 9	22 55	0 30	8 44	2 43	23 35	0 12	1 37	1 28	0 33	15 32	11 38	12 17	1 59	1 37	4 37
T 14	2 36	5 43	1 47	5 53	1 49	17 59	3 45	25 19	2 8	22 56	0 30	8 43	2 43	23 35	0 12	1 37	1 28	0 33	15 32	11 36	12 16	2 1	1 36	4 37
W15	2 12	9 18	0 45	5 3	1 44	18 21	3 51	25 20	2 8	22 56	0 30	8 41	2 43	23 35	0 12	1 38	1 28	0 34	15 31	11 36	12 15	2 3	1 34	4 37
T 16	1 49	12 32	0n20	4 13	1 38	18 42	3 57	25 22	2 7	22 56	0 30	8 40	2 43	23 35	0 12	1 39	1 28	0 34	15 31	11 36	12 14	2 5	1 33	4 37
F 17	1 25	15 16	1 24	3 21	1 32	19 4	4 3	25 23	2 7	22 56	0 30	8 39	2 43	23 35	0 12	1 40	1 28	0 35	15 31	11 36	12 13	2 7	1 31	4 37
S 18	1 1	17 22	2 26	2 28	1 26	19 24	4 9	25 24	2 6	22 56	0 30	8 37	2 44	23 35	0 12	1 41	1 27	0 35	15 31	11 37	12 11	2 8	1 30	4 37
S 19	0 38	18 42	3 22	1 34	1 19	19 45	4 15	25 25	2 6	22 56	0 30	8 36	2 44	23 35	0 12	1 42	1 27	0 36	15 30	11 37	12 10	2 10	1 28	4 37
M20	0 14	19 7	4 10	0 39	1 11	20 5	4 21	25 25	2 5	22 56	0 30	8 34	2 44	23 35	0 12	1 43	1 27	0 36	15 30	11 38	12 9	2 12	1 27	4 37
T 21	0n10	18 32	4 46	0n16	1 3	20 24	4 27	25 26	2 5	22 56	0 30	8 33	2 44	23 35	0 12	1 44	1 27	0 37	15 30	11 38	12 8	2 14	1 25	4 37
W22	0 33	16 55	5 9	1 12	0 54	20 43	4 33	25 26	2 4	22 56	0 30	8 31	2 44	23 35	0 12	1 44	1 27	0 37	15 30	11 37	12 7	2 16	1 24	4 37
T 23	0 57	14 17	5 13	2 9	0 45	21 1	4 39	25 27	2 4	22 56	0 30	8 30	2 44	23 35	0 12	1 45	1 27	0 38	15 29	11 36	12 6	2 18	1 23	4 37
F 24	1 21	10 42	4 59	3 6	0 35	21 19	4 45	25 27	2 3	22 57	0 30	8 28	2 45	23 35	0 12	1 46	1 27	0 38	15 29	11 35	12 5	2 20	1 21	4 37
S 25	1 44	6 22	4 25	4 3	0 25	21 36	4 50	25 28	2 2	22 57	0 30	8 27	2 45	23 35	0 12	1 47	1 27	0 39	15 29	11 34	12 4	2 22	1 20	4 37
S 26	2 8	1 33	3 32	5 0	0 15	21 53	4 56	25 28	2 2	22 57	0 30	8 25	2 45	23 35	0 12	1 48	1 27	0 39	15 29	11 33	12 3	2 24	1 18	4 37
M27	2 31	3n26	2 23	5 57	0 4	22 9	5 1	25 28	2 1	22 57	0 30	8 24	2 45	23 35	0 12	1 49	1 27	0 40	15 28	11 32	12 2	2 26	1 17	4 37
T 28	2 55	8 11	1 5	6 54	0n 7	22 25	5 7	25 28	2 1	22 57	0 30	8 22	2 45	23 35	0 12	1 50	1 28	0 40	15 28	11 31	12 1	2 28	1 15	4 37
W29	3 18	12 21	0s18	7 49	0 19	22 40	5 12	25 27	2 0	22 57	0 30	8 21	2 45	23 35	0 12	1 51	1 28	0 41	15 28	11 31	11 59	2 30	1 14	4 37
T 30	3 42	15 39	1 37	8 45	0 30	22 54	5 17	25 27	2 0	22 57	0 30	8 19	2 45	23 35	0 12	1 52	1 28	0 42	15 28	11 31	11 58	2 32	1 13	4 37
F 31	4n 5	17n53	2s49	9n39	0n42	23n 8	5n22	25n26	1n59	22s57	0n30	8s18	2n45	23n35	0n12	1n53	1s28	0n42	15s28	11s32	11s57	2s34	1s11	4n37

Julian Day Number = 2402296.5, Delta T = 8.10 sec
Ecliptic obliquity = 23°27'17, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°51'27, Lahiri = 21°58'27

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ASTRODIENST EPHEMERIS for the year 1865
geocentric

APRIL 1865 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 37 27	11♈17'20	16♊11	25♈ 1	21♉20	0♋27	28♐41	28°R13	25♊46	8♈ 8	12♉ 2	0♏10	1♏18	0♎26	16♓16	S 1
S 2	12 41 24	12°16'28	29°36	26°52	21°50	0°58	28°44	28♎ 8	25°47	8°11	12° 4	0°11	1°15	0°33	16°19	S 2
M 3	12 45 21	13°15'34	12♋37	28°39	22°19	1°29	28°46	28° 4	25°49	8°13	12° 5	0°R11	1°12	0°40	16°23	M 3
T 4	12 49 17	14°14'37	25°16	0♌23	22°46	2° 0	28°49	28° 0	25°50	8°15	12° 6	0°11	1° 9	0°46	16°26	T 4
W 5	12 53 14	15°13'38	7♎38	2° 3	23°12	2°32	28°51	27°55	25°52	8°17	12° 7	0°10	1° 5	0°53	16°30	W 5
T 6	12 57 10	16°12'36	19°46	3°40	23°35	3° 3	28°52	27°51	25°54	8°20	12° 8	0° 8	1° 2	0°59	16°33	T 6
F 7	13 1 7	17°11'32	1♏45	5°11	23°57	3°35	28°54	27°46	25°55	8°22	12°10	0° 6	0°59	1° 6	16°37	F 7
S 8	13 5 3	18°10'26	13°37	6°38	24°17	4° 6	28°56	27°42	25°57	8°24	12°11	0° 4	0°56	1°13	16°40	S 8
S 9	13 9 0	19° 9'18	25°26	8° 0	24°35	4°38	28°57	27°37	25°59	8°26	12°12	0° 3	0°53	1°19	16°43	S 9
M10	13 12 56	20° 8'08	7♎15	9°17	24°51	5°10	28°58	27°33	26° 1	8°29	12°13	0° 1	0°50	1°26	16°47	M10
T 11	13 16 53	21° 6'55	19° 5	10°29	25° 5	5°42	28°59	27°28	26° 3	8°31	12°15	0° 1	0°46	1°33	16°50	T 11
W12	13 20 50	22° 5'41	1♏ 0	11°35	25°17	6°14	29° 0	27°24	26° 5	8°33	12°16	0°D 1	0°43	1°39	16°53	W12
T 13	13 24 46	23° 4'24	13° 0	12°35	25°27	6°46	29° 0	27°19	26° 7	8°35	12°17	0° 1	0°40	1°46	16°56	T 13
F 14	13 28 43	24° 3'06	25° 9	13°30	25°34	7°18	29° 1	27°15	26° 9	8°38	12°19	0° 1	0°37	1°53	17° 0	F 14
S 15	13 32 39	25° 1'46	7♐28	14°19	25°39	7°51	29°R 1	27°10	26°11	8°40	12°20	0° 2	0°34	1°59	17° 3	S 15
S 16	13 36 36	26° 0'25	19°59	15° 2	25°42	8°23	29° 1	27° 5	26°13	8°42	12°21	0° 2	0°30	2° 6	17° 6	S 16
M17	13 40 32	26°59'01	2♑46	15°38	25°R43	8°55	29° 0	27° 1	26°15	8°44	12°23	0° 3	0°27	2°13	17° 9	M17
T 18	13 44 29	27°57'36	15°52	16° 9	25°41	9°28	29° 0	26°56	26°17	8°46	12°24	0° 3	0°24	2°19	17°12	T 18
W19	13 48 25	28°56'09	29°17	16°34	25°36	10° 0	28°59	26°52	26°20	8°48	12°25	0°R 3	0°21	2°26	17°15	W19
T 20	13 52 22	29°54'41	13♒ 5	16°53	25°30	10°33	28°59	26°47	26°22	8°51	12°26	0°D 3	0°18	2°33	17°18	T 20
F 21	13 56 19	0♌53'11	27°14	17° 5	25°21	11° 6	28°58	26°42	26°24	8°53	12°28	0° 3	0°15	2°39	17°21	F 21
S 22	14 0 15	1°51'39	11♓44	17°12	25° 9	11°39	28°57	26°38	26°27	8°55	12°29	0° 3	0°11	2°46	17°24	S 22
S 23	14 4 12	2°50'06	26°31	17°R13	24°55	12°12	28°55	26°33	26°29	8°57	12°31	0° 3	0° 8	2°53	17°27	S 23
M24	14 8 8	3°48'31	11♈28	17° 9	24°38	12°45	28°54	26°29	26°32	8°59	12°32	0° 3	0° 5	2°59	17°30	M24
T 25	14 12 5	4°46'54	26°29	16°59	24°20	13°18	28°52	26°24	26°34	9° 1	12°33	0°R 4	0° 2	3° 6	17°33	T 25
W26	14 16 1	5°45'16	11♉25	16°44	23°59	13°51	28°50	26°20	26°37	9° 3	12°35	0° 4	29♎59	3°13	17°36	W26
T 27	14 19 58	6°43'36	26° 8	16°25	23°35	14°24	28°48	26°15	26°39	9° 5	12°36	0° 3	29°56	3°19	17°38	T 27
F 28	14 23 54	7°41'53	10♊31	16° 1	23°10	14°57	28°46	26°11	26°42	9° 7	12°37	0° 2	29°52	3°26	17°41	F 28
S 29	14 27 51	8°40'09	24°30	15°34	22°42	15°31	28°43	26° 6	26°44	9° 9	12°39	0° 1	29°49	3°33	17°44	S 29
S 30	14 31 47	9♉38'23	8♋ 3	15♉ 3	22♉13	16♋ 4	28♐41	26♎ 2	26♊47	9♈12	12♉40	0♏ 0	29♎46	3♎39	17♓47	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n28	18n57	3s48	10n31	0n54	23n21	5n27	25n26	1n59	22s57	0n30	8s16	2n45	23n35	0n12	1n53	1s28	0n43	15s27	11s32	11s56	2s36	1s10	4n37
S 2	4 51	18 55	4 33	11 23	1 5	23 34	5 31	25 25	1 58	22 57	0 30	8 14	2 46	23 35	0 12	1 54	1 28	0 43	15 27	11 33	11 55	2 38	1 8	4 37
M 3	5 14	17 51	5 2	12 12	1 17	23 46	5 36	25 24	1 58	22 57	0 30	8 13	2 46	23 35	0 12	1 55	1 28	0 44	15 27	11 33	11 54	2 40	1 7	4 37
T 4	5 37	15 56	5 15	12 59	1 28	23 57	5 40	25 23	1 57	22 57	0 30	8 11	2 46	23 35	0 12	1 56	1 28	0 44	15 27	11 33	11 53	2 42	1 6	4 37
W 5	6 0	13 19	5 14	13 45	1 39	24 8	5 44	25 22	1 57	22 57	0 30	8 10	2 46	23 36	0 12	1 57	1 28	0 45	15 27	11 32	11 52	2 44	1 4	4 37
T 6	6 23	10 10	4 58	14 28	1 50	24 18	5 48	25 21	1 56	22 57	0 30	8 8	2 46	23 36	0 12	1 58	1 28	0 45	15 27	11 32	11 51	2 46	1 3	4 38
F 7	6 45	6 39	4 30	15 8	2 0	24 27	5 52	25 20	1 55	22 57	0 30	8 6	2 46	23 36	0 12	1 59	1 28	0 46	15 26	11 31	11 49	2 48	1 1	4 38
S 8	7 8	2 54	3 50	15 46	2 9	24 35	5 55	25 18	1 55	22 57	0 30	8 5	2 46	23 36	0 12	2 0	1 28	0 46	15 26	11 30	11 48	2 50	1 0	4 38
S 9	7 30	0s57	3 0	16 22	2 18	24 43	5 59	25 17	1 54	22 57	0 30	8 3	2 46	23 36	0 12	2 0	1 28	0 47	15 26	11 30	11 47	2 52	0 59	4 38
M10	7 53	4 46	2 3	16 54	2 26	24 50	6 1	25 15	1 54	22 57	0 30	8 1	2 46	23 36	0 12	2 1	1 28	0 47	15 26	11 29	11 46	2 54	0 57	4 38
T 11	8 15	8 25	1 0	17 24	2 33	24 56	6 4	25 13	1 53	22 57	0 30	8 0	2 46	23 36	0 12	2 2	1 28	0 48	15 26	11 29	11 45	2 55	0 56	4 38
W12	8 37	11 45	0n 5	17 51	2 40	25 1	6 6	25 11	1 53	22 57	0 30	7 58	2 46	23 36	0 12	2 3	1 28	0 48	15 26	11 29	11 44	2 57	0 55	4 38
T 13	8 58	14 37	1 12	18 15	2 45	25 5	6 8	25 9	1 52	22 57	0 30	7 56	2 46	23 36	0 12	2 4	1 28	0 49	15 26	11 29	11 43	2 59	0 53	4 38
F 14	9 20	16 53	2 15	18 36	2 50	25 9	6 10	25 7	1 52	22 57	0 30	7 55	2 46	23 36	0 12	2 5	1 28	0 49	15 26	11 29	11 42	3 1	0 52	4 38
S 15	9 42	18 23	3 14	18 54	2 53	25 11	6 11	25 4	1 51	22 57	0 30	7 53	2 46	23 36	0 12	2 6	1 28	0 50	15 25	11 29	11 41	3 3	0 51	4 38
S 16	10 3	19 2	4 4	19 9	2 56	25 13	6 12	25 2	1 51	22 57	0 30	7 51	2 46	23 36	0 12	2 6	1 28	0 50	15 25	11 30	11 39	3 5	0 49	4 38
M17	10 24	18 43	4 43	19 21	2 57	25 13	6 12	24 59	1 50	22 57	0 30	7 50	2 46	23 36	0 12	2 7	1 28	0 51	15 25	11 30	11 38	3 7	0 48	4 38
T 18	10 45	17 25	5 8	19 30	2 57	25 12	6 12	24 56	1 50	22 57	0 30	7 48	2 46	23 36	0 12	2 8	1 28	0 51	15 25	11 30	11 37	3 9	0 47	4 39
W19	11 6	15 8	5 18	19 36	2 56	25 11	6 11	24 53	1 49	22 57	0 30	7 47	2 46	23 36	0 12	2 9	1 28	0 51	15 25	11 30	11 36	3 11	0 46	4 39
T 20	11 27	11 57	5 10	19 40	2 53	25 8	6 10	24 50	1 49	22 58	0 30	7 45	2 46	23 36	0 12	2 10	1 28	0 52	15 25	11 30	11 35	3 13	0 44	4 39
F 21	11 47	8 0	4 43	19 40	2 50	25 4	6 8	24 47	1 48	22 58	0 29	7 43	2 46	23 36	0 12	2 11	1 28	0 52	15 25	11 30	11 34	3 15	0 43	4 39
S 22	12 8	3 30	3 58	19 37	2 45	24 59	6 6	24 44	1 48	22 58	0 29	7 42	2 46	23 37	0 12	2 11	1 28	0 53	15 25	11 30	11 33	3 17	0 42	4 39
S 23	12 28	1n18	2 56	19 31	2 38	24 53	6 3	24 40	1 47	22 58	0 29	7 40	2 46	23 37	0 12	2 12	1 28	0 53	15 25	11 30	11 32	3 19	0 40	4 39
M24	12 48	6 6	1 42	19 22	2 31	24 45	6 0	24 37	1 47	22 58	0 29	7 39	2 46	23 37	0 12	2 13	1 28	0 54	15 25	11 30	11 31	3 21	0 39	4 39
T 25	13 7	10 32	0 20	19 11	2 22	24 36	5 56	24 33	1 46	22 58	0 29	7 37	2 46	23 37	0 12	2 14	1 28	0 54	15 24	11 30	11 29	3 23	0 38	4 39
W26	13 27	14 16	1s 3	18 57	2 11	24 26	5 51	24 29	1 45	22 58	0 29	7 35	2 46	23 37	0 12	2 15	1 28	0 55	15 24	11 30	11 28	3 25	0 37	4 40
T 27	13 46	17 2	2 20	18 40	2 0	24 15	5 46	24 25	1 45	22 58	0 29	7 34	2 46	23 37	0 12	2 15	1 28	0 55	15 24	11 30	11 27	3 26	0 36	4 40
F 28	14 5	18 38	3 26	18 21	1 47	24 3	5 40	24 21	1 44	22 58	0 29	7 32	2 46	23 37	0 12	2 16	1 28	0 55	15 24	11 30	11 26	3 28	0 34	4 40
S 29	14 24	19 2	4 19	18 0	1 33	23 49	5 33	24 16	1 44	22 58	0 29	7 31	2 46	23 37	0 12	2 17	1 28	0 56	15 24	11 29	11 25	3 30	0 33	4 40
S 30	14n43	18n19	4s54	17n37	1n18	23n34	5n25	24n12	1n43	22s58	0n29	7s29	2n46	23n37	0n12	2n18	1s28	0n56	15s24	11s29	11s24	3s32	0s32	4n40

Julian Day Number = 2402327.5, Delta T = 8.04 sec
Ecliptic obliquity = 23°27'17, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°51'31, Lahiri = 21°58'31

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ASTRODIENST EPHEMERIS for the year 1865
geocentric

MAY 1865 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 35 44	10♉36'35	21♋10	14°R29	21°R42	16♋38	28°R38	25°R58	26♊50	9♈14	12♉41	29°R59	29♎43	3♎46	17♓49	M 1
T 2	14 39 41	11°34'45	3♌54	13♉54	21♉ 9	17°11	28♐35	25♎53	26°53	9°16	12°43	29♎59	29°40	3°53	17°52	T 2
W 3	14 43 37	12°32'53	16°17	13°17	20°35	17°45	28°32	25°49	26°55	9°17	12°44	29°D59	29°36	3°59	17°54	W 3
T 4	14 47 34	13°30'59	28°25	12°39	19°59	18°19	28°28	25°45	26°58	9°19	12°45	29°59	29°33	4° 6	17°57	T 4
F 5	14 51 30	14°29'03	10♍22	12° 2	19°23	18°52	28°25	25°40	27° 1	9°21	12°47	0♏ 0	29°30	4°13	17°59	F 5
S 6	14 55 27	15°27'05	22°13	11°25	18°46	19°26	28°21	25°36	27° 4	9°23	12°48	0° 2	29°27	4°19	18° 2	S 6
S 7	14 59 23	16°25'05	4♎ 1	10°49	18° 8	20° 0	28°17	25°32	27° 7	9°25	12°49	0° 3	29°24	4°26	18° 4	S 7
M 8	15 3 20	17°23'04	15°50	10°15	17°31	20°34	28°13	25°28	27°10	9°27	12°51	0° 4	29°21	4°33	18° 6	M 8
T 9	15 7 16	18°21'01	27°45	9°44	16°53	21° 8	28° 9	25°24	27°13	9°29	12°52	0°R 5	29°17	4°39	18° 9	T 9
W10	15 11 13	19°18'56	9♏47	9°15	16°15	21°42	28° 5	25°20	27°16	9°31	12°54	0° 4	29°14	4°46	18°11	W10
T 11	15 15 10	20°16'49	21°59	8°50	15°38	22°16	28° 0	25°16	27°19	9°33	12°55	0° 3	29°11	4°53	18°13	T 11
F 12	15 19 6	21°14'41	4♐22	8°28	15° 2	22°50	27°56	25°12	27°22	9°35	12°56	0° 1	29° 8	4°59	18°15	F 12
S 13	15 23 3	22°12'32	16°58	8°11	14°26	23°24	27°51	25° 8	27°25	9°36	12°58	29♎58	29° 5	5° 6	18°17	S 13
S 14	15 26 59	23°10'21	29°47	7°57	13°52	23°58	27°46	25° 4	27°28	9°38	12°59	29°54	29° 2	5°13	18°19	S 14
M15	15 30 56	24° 8'09	12♑50	7°48	13°19	24°33	27°41	25° 1	27°31	9°40	13° 0	29°51	28°58	5°19	18°21	M15
T 16	15 34 52	25° 5'56	26° 7	7°44	12°48	25° 7	27°36	24°57	27°34	9°42	13° 2	29°48	28°55	5°26	18°23	T 16
W17	15 38 49	26° 3'42	9♒39	7°D44	12°18	25°41	27°30	24°53	27°37	9°43	13° 3	29°46	28°52	5°33	18°25	W17
T 18	15 42 45	27° 1'26	23°26	7°48	11°51	26°16	27°25	24°50	27°40	9°45	13° 4	29°D45	28°49	5°39	18°27	T 18
F 19	15 46 42	27°59'10	7♓26	7°57	11°25	26°50	27°19	24°46	27°44	9°47	13° 6	29°45	28°46	5°46	18°29	F 19
S 20	15 50 39	28°56'52	21°41	8°11	11° 1	27°25	27°13	24°43	27°47	9°48	13° 7	29°46	28°42	5°53	18°31	S 20
S 21	15 54 35	29°54'33	6♈ 7	8°29	10°40	28° 0	27° 7	24°40	27°50	9°50	13° 8	29°48	28°39	5°59	18°33	S 21
M22	15 58 32	0♊52'14	20°41	8°51	10°21	28°34	27° 1	24°36	27°53	9°51	13°10	29°49	28°36	6° 6	18°34	M22
T 23	16 2 28	1°49'53	5♉20	9°18	10° 4	29° 9	26°55	24°33	27°57	9°53	13°11	29°R49	28°33	6°12	18°36	T 23
W24	16 6 25	2°47'31	19°56	9°49	9°50	29°44	26°49	24°30	28° 0	9°55	13°12	29°48	28°30	6°19	18°37	W24
T 25	16 10 21	3°45'09	4♊25	10°24	9°38	0♌18	26°43	24°27	28° 3	9°56	13°13	29°45	28°27	6°26	18°39	T 25
F 26	16 14 18	4°42'45	18°39	11° 3	9°29	0°53	26°36	24°24	28° 7	9°58	13°15	29°40	28°23	6°32	18°40	F 26
S 27	16 18 14	5°40'19	2♋34	11°46	9°22	1°28	26°29	24°21	28°10	9°59	13°16	29°35	28°20	6°39	18°42	S 27
S 28	16 22 11	6°37'53	16° 7	12°32	9°17	2° 3	26°23	24°18	28°13	10° 1	13°17	29°29	28°17	6°46	18°43	S 28
M29	16 26 8	7°35'25	29°16	13°22	9°D15	2°38	26°16	24°16	28°17	10° 2	13°19	29°24	28°14	6°52	18°45	M29
T 30	16 30 4	8°32'56	12♌ 2	14°16	9°15	3°13	26° 9	24°13	28°20	10° 3	13°20	29°19	28°11	6°59	18°46	T 30
W31	16 34 1	9♊30'26	24♌28	15♉13	9♉17	3♌48	26♐ 2	24♎11	28♊24	10♈ 5	13♉21	29♎16	28♎ 8	7♎ 6	18♓47	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n 1	16n37	5s14	17n12	1n 3	23n18	5n17	24n 7	1n43	22s58	0n29	7s28	2n46	23n37	0n12	2n19	1s28	0n57	15s24	11s29	11s23	3s34	0s31	4n40
T 2	15 19	14 10	5 17	16 46	0 47	23 1	5 8	24 2	1 42	22 58	0 29	7 26	2 45	23 37	0 12	2 19	1 28	0 57	15 24	11 28	11 22	3 36	0 30	4 40
W 3	15 37	11 7	5 5	16 19	0 30	22 42	4 59	23 58	1 42	22 58	0 29	7 25	2 45	23 37	0 12	2 20	1 28	0 58	15 24	11 28	11 20	3 38	0 29	4 41
T 4	15 54	7 40	4 39	15 51	0 13	22 23	4 49	23 53	1 41	22 58	0 29	7 23	2 45	23 37	0 12	2 21	1 28	0 58	15 24	11 28	11 19	3 40	0 28	4 41
F 5	16 12	3 57	4 2	15 23	0s 5	22 3	4 38	23 47	1 41	22 58	0 29	7 22	2 45	23 37	0 12	2 21	1 28	0 58	15 24	11 29	11 18	3 42	0 26	4 41
S 6	16 29	0 7	3 15	14 55	0 22	21 41	4 27	23 42	1 40	22 58	0 29	7 20	2 45	23 37	0 12	2 22	1 28	0 59	15 24	11 29	11 17	3 44	0 25	4 41
S 7	16 45	3s44	2 19	14 27	0 39	21 19	4 15	23 37	1 40	22 58	0 29	7 19	2 45	23 38	0 12	2 23	1 28	0 59	15 24	11 30	11 16	3 46	0 24	4 41
M 8	17 2	7 26	1 18	14 1	0 56	20 57	4 3	23 31	1 39	22 58	0 29	7 18	2 45	23 38	0 12	2 24	1 28	1 0	15 24	11 30	11 15	3 48	0 23	4 41
T 9	17 18	10 53	0 13	13 35	1 13	20 33	3 50	23 25	1 39	22 58	0 29	7 16	2 45	23 38	0 12	2 24	1 28	1 0	15 24	11 30	11 14	3 49	0 22	4 42
W10	17 34	13 55	0n53	13 11	1 29	20 10	3 37	23 19	1 38	22 58	0 29	7 15	2 45	23 38	0 12	2 25	1 28	1 0	15 24	11 30	11 13	3 51	0 21	4 42
T 11	17 50	16 22	1 58	12 48	1 44	19 46	3 23	23 13	1 38	22 58	0 29	7 14	2 44	23 38	0 12	2 26	1 28	1 1	15 24	11 30	11 11	3 53	0 20	4 42
F 12	18 5	18 7	2 58	12 28	1 59	19 22	3 9	23 7	1 37	22 58	0 29	7 12	2 44	23 38	0 12	2 26	1 28	1 1	15 24	11 29	11 10	3 55	0 19	4 42
S 13	18 20	19 0	3 50	12 9	2 12	18 58	2 55	23 1	1 37	22 58	0 28	7 11	2 44	23 38	0 12	2 27	1 29	1 1	15 24	11 28	11 9	3 57	0 18	4 42
S 14	18 35	18 55	4 32	11 53	2 25	18 34	2 41	22 54	1 36	22 58	0 28	7 10	2 44	23 38	0 12	2 28	1 29	1 2	15 24	11 27	11 8	3 59	0 17	4 42
M15	18 49	17 51	5 1	11 39	2 37	18 10	2 27	22 48	1 36	22 58	0 28	7 9	2 44	23 38	0 12	2 28	1 29	1 2	15 24	11 26	11 7	4 1	0 16	4 43
T 16	19 3	15 48	5 14	11 27	2 48	17 47	2 12	22 41	1 35	22 58	0 28	7 8	2 44	23 38	0 12	2 29	1 29	1 2	15 24	11 24	11 6	4 3	0 15	4 43
W17	19 17	12 52	5 10	11 18	2 57	17 24	1 58	22 34	1 35	22 58	0 28	7 6	2 44	23 38	0 12	2 30	1 29	1 3	15 24	11 24	11 5	4 5	0 14	4 43
T 18	19 30	9 11	4 48	11 11	3 6	17 2	1 43	22 27	1 34	22 58	0 28	7 5	2 43	23 38	0 12	2 30	1 29	1 3	15 24	11 23	11 4	4 7	0 13	4 43
F 19	19 43	4 56	4 9	11 7	3 14	16 41	1 29	22 20	1 34	22 58	0 28	7 4	2 43	23 38	0 12	2 31	1 29	1 3	15 24	11 23	11 2	4 8	0 13	4 43
S 20	19 56	0 20	3 14	11 5	3 20	16 20	1 15	22 13	1 33	22 58	0 28	7 3	2 43	23 38	0 12	2 32	1 29	1 4	15 24	11 24	11 1	4 10	0 12	4 44
S 21	20 9	4n22	2 6	11 5	3 26	16 0	1 1	22 5	1 33	22 58	0 28	7 2	2 43	23 38	0 12	2 32	1 29	1 4	15 24	11 24	11 0	4 12	0 11	4 44
M22	20 21	8 51	0 50	11 8	3 31	15 41	0 48	21 58	1 32	22 57	0 28	7 1	2 43	23 38	0 12	2 33	1 29	1 4	15 25	11 25	10 59	4 14	0 10	4 44
T 23	20 32	12 50	0s30	11 13	3 34	15 23	0 34	21 50	1 32	22 57	0 28	7 0	2 43	23 38	0 12	2 33	1 29	1 5	15 25	11 25	10 58	4 16	0 9	4 44
W24	20 44	16 0	1 48	11 20	3 37	15 6	0 21	21 42	1 31	22 57	0 28	6 59	2 42	23 39	0 12	2 34	1 29	1 5	15 25	11 24	10 57	4 18	0 8	4 44
T 25	20 55	18 7	2 58	11 29	3 39	14 50	0 8	21 34	1 31	22 57	0 28	6 58	2 42	23 39	0 12	2 34	1 29	1 5	15 25	11 23	10 56	4 20	0 8	4 45
F 26	21 6	19 4	3 55	11 40	3 39	14 36	0s 4	21 26	1 30	22 57	0 27	6 57	2 42	23 39	0 12	2 35	1 29	1 5	15 25	11 22	10 55	4 22	0 7	4 45
S 27	21 16	18 48	4 38	11 53	3 39	14 22	0 16	21 18	1 30	22 57	0 27	6 56	2 42	23 39	0 12	2 35	1 29	1 6	15 25	11 20	10 53	4 24	0 6	4 45
S 28	21 26	17 28	5 3	12 8	3 39	14 9	0 28	21 10	1 29	22 57	0 27	6 56	2 42	23 39	0 12	2 36	1 29	1 6	15 25	11 18	10 52	4 25	0 5	4 45
M29	21 35	15 15	5 11	12 25	3 37	13 58	0 39	21 1	1 29	22 57	0 27	6 55	2 41	23 39	0 12	2 37	1 29	1 6	15 25	11 16	10 51	4 27	0 5	4 45
T 30	21 45	12 20	5 4	12 43	3 35	13 48	0 50	20 53	1 28	22 57	0 27	6 54	2 41	23 39	0 12	2 37	1 29	1 6	15 25	11 14	10 50	4 29	0 4	4 46
W31	21n53	8n57	4s42	13n 2	3s31	13n38	1s 1	20n44	1n28	22s57	0n27	6s53	2n41	23n39	0n12	2n38	1s29	1n 7	15s25	11s13	10s49	4s31	0s 3	4n46

Julian Day Number = 2402357.5, Delta T = 7.97 sec
Ecliptic obliquity = 23°27'16, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°51'35, Lahiri = 21°58'35

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ASTRODIENST EPHEMERIS for the year 1865
geocentric

JUNE 1865 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 37 57	10♊27'54	6♍37	16♉14	9♉22	4♌23	25°R55	24°R 8	28♊27	10♈ 6	13♉22	29°D15	28♎ 4	7♎12	18♓48	T 1
F 2	16 41 54	11°25'21	18°34	17°18	9°29	4°58	25♐48	24♎ 6	28°31	10° 7	13°24	29♎15	28° 1	7°19	18°49	F 2
S 3	16 45 50	12°22'47	0♎25	18°25	9°38	5°34	25°41	24° 3	28°34	10° 9	13°25	29°16	27°58	7°26	18°50	S 3
S 4	16 49 47	13°20'12	12°13	19°35	9°49	6° 9	25°33	24° 1	28°38	10°10	13°26	29°18	27°55	7°32	18°51	S 4
M 5	16 53 43	14°17'35	24° 5	20°48	10° 2	6°44	25°26	23°59	28°41	10°11	13°27	29°R19	27°52	7°39	18°52	M 5
T 6	16 57 40	15°14'58	6♏ 4	22° 4	10°17	7°19	25°19	23°57	28°45	10°12	13°28	29°19	27°48	7°46	18°53	T 6
W 7	17 1 37	16°12'19	18°15	23°24	10°34	7°55	25°11	23°55	28°48	10°14	13°29	29°17	27°45	7°52	18°54	W 7
T 8	17 5 33	17° 9'40	0♐39	24°46	10°53	8°30	25° 4	23°53	28°52	10°15	13°31	29°13	27°42	7°59	18°55	T 8
F 9	17 9 30	18° 7'00	13°19	26°11	11°14	9° 6	24°56	23°52	28°55	10°16	13°32	29° 7	27°39	8° 6	18°56	F 9
S 10	17 13 26	19° 4'19	26°15	27°39	11°36	9°41	24°49	23°50	28°59	10°17	13°33	29° 0	27°36	8°12	18°56	S 10
S 11	17 17 23	20° 1'37	9♑27	29°10	12° 0	10°17	24°41	23°48	29° 2	10°18	13°34	28°51	27°33	8°19	18°57	S 11
M12	17 21 19	20°58'55	22°52	0♊44	12°26	10°52	24°33	23°47	29° 6	10°19	13°35	28°43	27°29	8°26	18°58	M12
T 13	17 25 16	21°56'12	6♒30	2°21	12°54	11°28	24°26	23°45	29° 9	10°20	13°36	28°35	27°26	8°32	18°58	T 13
W14	17 29 13	22°53'29	20°19	4° 1	13°23	12° 3	24°18	23°44	29°13	10°21	13°37	28°29	27°23	8°39	18°58	W14
T 15	17 33 9	23°50'45	4♓15	5°43	13°53	12°39	24°10	23°43	29°17	10°22	13°39	28°25	27°20	8°46	18°59	T 15
F 16	17 37 6	24°48'01	18°17	7°28	14°25	13°15	24° 3	23°42	29°20	10°23	13°40	28°24	27°17	8°52	18°59	F 16
S 17	17 41 2	25°45'17	2♈25	9°16	14°58	13°51	23°55	23°41	29°24	10°24	13°41	28°D24	27°14	8°59	19° 0	S 17
S 18	17 44 59	26°42'33	16°36	11° 7	15°32	14°26	23°47	23°40	29°27	10°25	13°42	28°24	27°10	9° 6	19° 0	S 18
M19	17 48 55	27°39'48	0♉50	13° 0	16° 8	15° 2	23°40	23°39	29°31	10°25	13°43	28°R25	27° 7	9°12	19° 0	M19
T 20	17 52 52	28°37'04	15° 4	14°56	16°45	15°38	23°32	23°38	29°34	10°26	13°44	28°24	27° 4	9°19	19° 0	T 20
W21	17 56 48	29°34'19	29°15	16°54	17°23	16°14	23°25	23°38	29°38	10°27	13°45	28°20	27° 1	9°25	19° 0	W21
T 22	18 0 45	0♋31'34	13♊20	18°54	18° 2	16°50	23°17	23°37	29°42	10°28	13°46	28°14	26°58	9°32	19°R 0	T 22
F 23	18 4 42	1°28'49	27°14	20°57	18°43	17°26	23° 9	23°37	29°45	10°28	13°47	28° 6	26°54	9°39	19° 0	F 23
S 24	18 8 38	2°26'04	10♋54	23° 1	19°24	18° 2	23° 2	23°37	29°49	10°29	13°48	27°56	26°51	9°45	19° 0	S 24
S 25	18 12 35	3°23'18	24°16	25° 7	20° 6	18°38	22°55	23°36	29°52	10°30	13°49	27°45	26°48	9°52	19° 0	S 25
M26	18 16 31	4°20'32	7♌19	27°15	20°50	19°14	22°47	23°36	29°56	10°30	13°50	27°35	26°45	9°59	19° 0	M26
T 27	18 20 28	5°17'46	20° 1	29°24	21°34	19°50	22°40	23°D36	29°59	10°31	13°51	27°26	26°42	10° 5	18°59	T 27
W28	18 24 24	6°14'59	2♍25	1♋33	22°19	20°27	22°32	23°36	0♋ 3	10°31	13°51	27°19	26°39	10°12	18°59	W28
T 29	18 28 21	7°12'11	14°34	3°44	23° 5	21° 3	22°25	23°37	0° 7	10°32	13°52	27°15	26°35	10°19	18°59	T 29
F 30	18 32 17	8♋ 9'24	26♍31	5♋54	23♉51	21♌39	22♐18	23♎37	0♋10	10♈32	13♉53	27♎12	26♎32	10♎25	18♓58	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 2	5n15	4s 8	13n23	3s28	13n30	1s11	20n35	1n27	22s57	0n27	6s53	2n41	23n39	0n12	2n38	1s29	1n 7	15s26	11s13	10s48	4s33	0s 3	4n46
F 2	22 10	1 24	3 23	13 45	3 23	13 23	1 20	20 26	1 27	22 57	0 27	6 52	2 40	23 39	0 12	2 38	1 29	1 7	15 26	11 13	10 47	4 35	0 2	4 46
S 3	22 18	2s28	2 31	14 9	3 18	13 17	1 30	20 17	1 26	22 56	0 27	6 51	2 40	23 39	0 12	2 39	1 29	1 7	15 26	11 13	10 45	4 37	0 2	4 46
S 4	22 25	6 14	1 31	14 33	3 12	13 12	1 39	20 8	1 26	22 56	0 27	6 51	2 40	23 39	0 12	2 39	1 29	1 8	15 26	11 14	10 44	4 39	0 1	4 47
M 5	22 32	9 47	0 28	14 59	3 6	13 8	1 47	19 58	1 25	22 56	0 26	6 50	2 40	23 39	0 12	2 40	1 30	1 8	15 26	11 14	10 43	4 40	0 0	4 47
T 6	22 38	12 59	0n37	15 25	2 59	13 5	1 55	19 49	1 25	22 56	0 26	6 50	2 40	23 39	0 12	2 40	1 30	1 8	15 26	11 14	10 42	4 42	0n 0	4 47
W 7	22 44	15 40	1 41	15 52	2 51	13 3	2 3	19 39	1 24	22 56	0 26	6 49	2 39	23 39	0 12	2 41	1 30	1 8	15 26	11 14	10 41	4 44	0 1	4 47
T 8	22 50	17 40	2 41	16 20	2 43	13 2	2 11	19 30	1 24	22 56	0 26	6 49	2 39	23 39	0 12	2 41	1 30	1 8	15 26	11 12	10 40	4 46	0 1	4 47
F 9	22 55	18 52	3 35	16 48	2 34	13 1	2 18	19 20	1 23	22 56	0 26	6 48	2 39	23 39	0 12	2 41	1 30	1 9	15 27	11 10	10 39	4 48	0 2	4 48
S 10	23 0	19 6	4 18	17 17	2 25	13 2	2 24	19 10	1 23	22 55	0 26	6 48	2 39	23 39	0 12	2 42	1 30	1 9	15 27	11 7	10 37	4 50	0 2	4 48
S 11	23 5	18 18	4 49	17 46	2 16	13 3	2 31	19 0	1 22	22 55	0 26	6 47	2 38	23 39	0 12	2 42	1 30	1 9	15 27	11 4	10 36	4 52	0 3	4 48
M12	23 9	16 30	5 5	18 16	2 6	13 5	2 37	18 49	1 22	22 55	0 26	6 47	2 38	23 39	0 12	2 43	1 30	1 9	15 27	11 1	10 35	4 53	0 3	4 48
T 13	23 13	13 45	5 4	18 45	1 56	13 8	2 42	18 39	1 21	22 55	0 25	6 47	2 38	23 39	0 12	2 43	1 30	1 9	15 27	10 59	10 34	4 55	0 3	4 48
W14	23 16	10 13	4 45	19 14	1 45	13 12	2 48	18 29	1 21	22 55	0 25	6 47	2 38	23 39	0 12	2 43	1 30	1 9	15 27	10 57	10 33	4 57	0 4	4 49
T 15	23 19	6 5	4 9	19 43	1 35	13 16	2 53	18 18	1 20	22 54	0 25	6 46	2 37	23 39	0 12	2 44	1 30	1 9	15 28	10 55	10 32	4 59	0 4	4 49
F 16	23 21	1 36	3 18	20 12	1 24	13 21	2 57	18 7	1 20	22 54	0 25	6 46	2 37	23 39	0 12	2 44	1 30	1 10	15 28	10 55	10 31	5 1	0 4	4 49
S 17	23 23	3n 1	2 15	20 40	1 12	13 26	3 2	17 57	1 19	22 54	0 25	6 46	2 37	23 40	0 12	2 44	1 30	1 10	15 28	10 55	10 29	5 3	0 5	4 49
S 18	23 25	7 30	1 3	21 7	1 1	13 32	3 6	17 46	1 19	22 54	0 25	6 46	2 37	23 40	0 12	2 44	1 30	1 10	15 28	10 55	10 28	5 5	0 5	4 50
M19	23 26	11 34	0s13	21 33	0 49	13 39	3 10	17 35	1 18	22 54	0 25	6 46	2 36	23 40	0 12	2 45	1 30	1 10	15 28	10 55	10 27	5 6	0 5	4 50
T 20	23 27	14 58	1 28	21 59	0 38	13 46	3 13	17 24	1 18	22 53	0 25	6 46	2 36	23 40	0 12	2 45	1 30	1 10	15 29	10 55	10 26	5 8	0 6	4 50
W21	23 27	17 27	2 37	22 22	0 26	13 53	3 16	17 12	1 17	22 53	0 24	6 46	2 36	23 40	0 12	2 45	1 30	1 10	15 29	10 53	10 25	5 10	0 6	4 50
T 22	23 27	18 51	3 36	22 45	0 15	14 1	3 20	17 1	1 17	22 53	0 24	6 46	2 36	23 40	0 12	2 45	1 30	1 10	15 29	10 51	10 24	5 12	0 6	4 50
F 23	23 27	19 5	4 21	23 5	0 4	14 10	3 22	16 50	1 16	22 53	0 24	6 46	2 35	23 40	0 12	2 46	1 31	1 10	15 29	10 48	10 23	5 14	0 6	4 51
S 24	23 26	18 11	4 50	23 24	0n 7	14 18	3 25	16 38	1 16	22 52	0 24	6 46	2 35	23 40	0 12	2 46	1 31	1 10	15 29	10 45	10 21	5 16	0 6	4 51
S 25	23 25	16 18	5 3	23 40	0 18	14 27	3 27	16 26	1 15	22 52	0 24	6 46	2 35	23 40	0 12	2 46	1 31	1 10	15 30	10 41	10 20	5 18	0 7	4 51
M26	23 23	13 38	4 59	23 54	0 29	14 37	3 29	16 15	1 15	22 52	0 24	6 47	2 35	23 40	0 12	2 46	1 31	1 10	15 30	10 37	10 19	5 19	0 7	4 51
T 27	23 21	10 23	4 40	24 6	0 39	14 46	3 31	16 3	1 14	22 52	0 23	6 47	2 34	23 40	0 12	2 46	1 31	1 10	15 30	10 34	10 18	5 21	0 7	4 51
W28	23 18	6 45	4 9	24 15	0 48	14 56	3 32	15 51	1 14	22 51	0 23	6 47	2 34	23 40	0 12	2 47	1 31	1 11	15 30	10 32	10 17	5 23	0 7	4 52
T 29	23 15	2 54	3 27	24 21	0 57	15 6	3 34	15 39	1 13	22 51	0 23	6 47	2 34	23 40	0 12	2 47	1 31	1 11	15 30	10 30	10 16	5 25	0 7	4 52
F 30	23n12	1s 0	2s36	24n25	1n 5	15n16	3s35	15n26	1n13	22s51	0n23	6s48	2n33	23n40	0n12	2n47	1s31	1n11	15s31	10s29	10s15	5s27	0n 7	4n52

Julian Day Number = 2402388.5, Delta T = 7.90 sec
Ecliptic obliquity = 23°27'16, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°51'39, Lahiri = 21°58'40

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ASTRODIENST EPHEMERIS for the year 1865
geocentric

JULY 1865 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 36 14	9♋ 6'35	8♎21	8♋ 5	24♉39	22♌15	22°R11	23♎37	0♋14	10♈33	13♉54	27°D12	26♎29	10♎32	18°R58	S 1
S 2	18 40 11	10° 3'47	20°10	10°15	25°27	22°52	22♐ 4	23°38	0°17	10°33	13°55	27♎12	26°26	10°39	18♓57	S 2
M 3	18 44 7	11° 0'59	2♏ 3	12°25	26°16	23°28	21°57	23°38	0°21	10°34	13°56	27°R12	26°23	10°45	18°57	M 3
T 4	18 48 4	11°58'10	14° 5	14°35	27° 5	24° 5	21°50	23°39	0°25	10°34	13°57	27°11	26°19	10°52	18°56	T 4
W 5	18 52 0	12°55'21	26°21	16°43	27°56	24°41	21°44	23°40	0°28	10°34	13°57	27° 8	26°16	10°59	18°55	W 5
T 6	18 55 57	13°52'32	8♐55	18°50	28°47	25°18	21°37	23°41	0°32	10°34	13°58	27° 2	26°13	11° 5	18°55	T 6
F 7	18 59 53	14°49'43	21°49	20°56	29°38	25°54	21°30	23°42	0°35	10°35	13°59	26°54	26°10	11°12	18°54	F 7
S 8	19 3 50	15°46'54	5♑ 3	23° 1	0♊30	26°31	21°24	23°43	0°39	10°35	14° 0	26°43	26° 7	11°19	18°53	S 8
S 9	19 7 46	16°44'05	18°37	25° 4	1°23	27° 7	21°18	23°44	0°42	10°35	14° 0	26°32	26° 4	11°25	18°52	S 9
M10	19 11 43	17°41'16	2♒28	27° 6	2°16	27°44	21°12	23°45	0°46	10°35	14° 1	26°20	26° 0	11°32	18°51	M10
T 11	19 15 40	18°38'28	16°32	29° 5	3°10	28°21	21° 5	23°47	0°49	10°35	14° 2	26°10	25°57	11°38	18°50	T 11
W12	19 19 36	19°35'40	0♓44	1♌ 4	4° 5	28°57	21° 0	23°48	0°53	10°35	14° 2	26° 1	25°54	11°45	18°49	W12
T 13	19 23 33	20°32'52	14°59	3° 0	5° 0	29°34	20°54	23°50	0°56	10°35	14° 3	25°56	25°51	11°52	18°48	T 13
F 14	19 27 29	21°30'05	29°14	4°54	5°55	0♏11	20°48	23°51	0°59	10°R35	14° 4	25°52	25°48	11°58	18°47	F 14
S 15	19 31 26	22°27'19	13♈26	6°47	6°51	0°48	20°42	23°53	1° 3	10°35	14° 4	25°51	25°45	12° 5	18°46	S 15
S 16	19 35 22	23°24'33	27°33	8°38	7°48	1°24	20°37	23°55	1° 6	10°35	14° 5	25°51	25°41	12°12	18°44	S 16
M17	19 39 19	24°21'48	11♉35	10°27	8°44	2° 1	20°32	23°57	1°10	10°35	14° 5	25°51	25°38	12°18	18°43	M17
T 18	19 43 15	25°19'04	25°30	12°14	9°42	2°38	20°27	23°59	1°13	10°35	14° 6	25°49	25°35	12°25	18°42	T 18
W19	19 47 12	26°16'21	9♊19	13°59	10°39	3°15	20°22	24° 1	1°16	10°35	14° 7	25°45	25°32	12°32	18°40	W19
T 20	19 51 9	27°13'38	22°59	15°43	11°38	3°52	20°17	24° 3	1°20	10°35	14° 7	25°37	25°29	12°38	18°39	T 20
F 21	19 55 5	28°10'57	6♋29	17°25	12°36	4°29	20°12	24° 5	1°23	10°35	14° 8	25°28	25°25	12°45	18°37	F 21
S 22	19 59 2	29° 8'16	19°47	19° 5	13°35	5° 6	20° 8	24° 8	1°26	10°34	14° 8	25°16	25°22	12°52	18°36	S 22
S 23	20 2 58	0♌ 5'35	2♌51	20°43	14°34	5°44	20° 3	24°10	1°30	10°34	14° 8	25° 3	25°19	12°58	18°34	S 23
M24	20 6 55	1° 2'55	15°39	22°19	15°34	6°21	19°59	24°13	1°33	10°34	14° 9	24°51	25°16	13° 5	18°32	M24
T 25	20 10 51	2° 0'16	28°12	23°54	16°34	6°58	19°55	24°16	1°36	10°33	14° 9	24°40	25°13	13°12	18°31	T 25
W26	20 14 48	2°57'37	10♍29	25°26	17°34	7°35	19°51	24°18	1°39	10°33	14°10	24°31	25°10	13°18	18°29	W26
T 27	20 18 44	3°54'59	22°34	26°57	18°35	8°12	19°47	24°21	1°42	10°33	14°10	24°25	25° 6	13°25	18°27	T 27
F 28	20 22 41	4°52'22	4♎28	28°26	19°36	8°50	19°44	24°24	1°46	10°32	14°10	24°21	25° 3	13°32	18°25	F 28
S 29	20 26 38	5°49'45	16°17	29°53	20°37	9°27	19°40	24°27	1°49	10°32	14°11	24°20	25° 0	13°38	18°24	S 29
S 30	20 30 34	6°47'08	28° 5	1♍19	21°39	10° 5	19°37	24°30	1°52	10°31	14°11	24°D20	24°57	13°45	18°22	S 30
M31	20 34 31	7♌44'33	9♏58	2♍42	22♊40	10♍42	19♐34	24♎34	1♋55	10♈31	14♉11	24°R20	24♎54	13♎51	18♓20	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23n 8	4s49	1s39	24n25	1n13	15n27	3s36	15n14	1n12	22s51	0n23	6s48	2n33	23n40	0n12	2n47	1s31	1n11	15s31	10s29	10s13	5s29	0n 7	4n52	S 1
S 2	23 4	8 28	0 37	24 23	1 20	15 38	3 37	15 2	1 12	22 50	0 23	6 49	2 33	23 40	0 12	2 47	1 31	1 11	15 31	10 29	10 12	5 30	0 7	4 53	S 2
M 3	23 0	11 47	0n26	24 19	1 27	15 48	3 37	14 49	1 11	22 50	0 23	6 49	2 33	23 40	0 12	2 47	1 31	1 11	15 31	10 29	10 11	5 32	0 7	4 53	M 3
T 4	22 55	14 40	1 29	24 11	1 32	15 59	3 38	14 37	1 11	22 50	0 22	6 50	2 32	23 40	0 12	2 47	1 31	1 11	15 32	10 28	10 10	5 34	0 7	4 53	T 4
W 5	22 50	16 57	2 28	24 1	1 37	16 10	3 38	14 24	1 10	22 50	0 22	6 50	2 32	23 40	0 13	2 47	1 31	1 11	15 32	10 27	10 9	5 36	0 7	4 53	W 5
T 6	22 44	18 28	3 22	23 48	1 41	16 21	3 38	14 11	1 10	22 49	0 22	6 51	2 32	23 40	0 13	2 47	1 31	1 11	15 32	10 25	10 8	5 38	0 7	4 53	T 6
F 7	22 38	19 5	4 7	23 32	1 44	16 32	3 38	13 59	1 9	22 49	0 22	6 51	2 32	23 40	0 13	2 47	1 31	1 10	15 32	10 22	10 7	5 40	0 6	4 54	F 7
S 8	22 31	18 42	4 40	23 15	1 47	16 43	3 38	13 46	1 9	22 49	0 22	6 52	2 31	23 40	0 13	2 47	1 31	1 10	15 33	10 19	10 5	5 41	0 6	4 54	S 8
S 9	22 24	17 14	4 58	22 55	1 49	16 54	3 37	13 33	1 8	22 49	0 22	6 53	2 31	23 40	0 13	2 47	1 31	1 10	15 33	10 14	10 4	5 43	0 6	4 54	S 9
M10	22 17	14 46	4 59	22 33	1 50	17 5	3 36	13 19	1 8	22 48	0 21	6 53	2 31	23 40	0 13	2 47	1 31	1 10	15 33	10 10	10 3	5 45	0 6	4 54	M10
T 11	22 9	11 24	4 42	22 9	1 50	17 17	3 36	13 6	1 7	22 48	0 21	6 54	2 31	23 40	0 13	2 47	1 32	1 10	15 33	10 6	10 2	5 47	0 6	4 54	T 11
W12	22 1	7 21	4 8	21 44	1 50	17 27	3 35	12 53	1 6	22 48	0 21	6 55	2 30	23 40	0 13	2 47	1 32	1 10	15 34	10 3	10 1	5 49	0 5	4 54	W12
T 13	21 53	2 52	3 18	21 16	1 49	17 38	3 34	12 40	1 6	22 48	0 21	6 56	2 30	23 40	0 13	2 47	1 32	1 10	15 34	10 1	10 0	5 50	0 5	4 55	T 13
F 14	21 44	1n46	2 16	20 48	1 48	17 49	3 33	12 26	1 5	22 47	0 21	6 57	2 30	23 40	0 13	2 47	1 32	1 10	15 34	10 0	9 58	5 52	0 5	4 55	F 14
S 15	21 35	6 18	1 5	20 17	1 46	18 0	3 31	12 13	1 5	22 47	0 21	6 57	2 29	23 40	0 13	2 47	1 32	1 10	15 35	10 0	9 57	5 54	0 5	4 55	S 15
S 16	21 25	10 28	0s 9	19 46	1 43	18 10	3 30	11 59	1 4	22 47	0 20	6 58	2 29	23 40	0 13	2 47	1 32	1 10	15 35	10 0	9 56	5 56	0 4	4 55	S 16
M17	21 15	14 1	1 22	19 14	1 40	18 21	3 28	11 45	1 4	22 47	0 20	6 59	2 29	23 40	0 13	2 47	1 32	1 10	15 35	10 0	9 55	5 58	0 4	4 55	M17
T 18	21 5	16 43	2 30	18 40	1 36	18 31	3 26	11 32	1 3	22 47	0 20	7 0	2 29	23 40	0 13	2 47	1 32	1 10	15 35	9 59	9 54	5 59	0 4	4 56	T 18
W19	20 55	18 26	3 28	18 6	1 31	18 41	3 25	11 18	1 3	22 46	0 20	7 1	2 28	23 40	0 13	2 47	1 32	1 10	15 36	9 57	9 53	6 1	0 3	4 56	W19
T 20	20 44	19 3	4 14	17 31	1 26	18 51	3 23	11 4	1 2	22 46	0 20	7 2	2 28	23 40	0 13	2 47	1 32	1 9	15 36	9 55	9 51	6 3	0 3	4 56	T 20
F 21	20 32	18 34	4 45	16 55	1 21	19 0	3 21	10 50	1 2	22 46	0 20	7 3	2 28	23 40	0 13	2 47	1 32	1 9	15 36	9 51	9 50	6 5	0 2	4 56	F 21
S 22	20 21	17 4	4 59	16 18	1 15	19 10	3 19	10 36	1 1	22 46	0 19	7 5	2 28	23 40	0 13	2 47	1 32	1 9	15 37	9 47	9 49	6 7	0 2	4 56	S 22
S 23	20 9	14 42	4 58	15 41	1 9	19 19	3 16	10 22	1 1	22 46	0 19	7 6	2 27	23 39	0 13	2 46	1 32	1 9	15 37	9 42	9 48	6 8	0 1	4 56	S 23
M24	19 56	11 40	4 41	15 4	1 3	19 27	3 14	10 7	1 0	22 46	0 19	7 7	2 27	23 39	0 13	2 46	1 32	1 9	15 37	9 38	9 47	6 10	0 1	4 57	M24
T 25	19 44	8 10	4 11	14 26	0 56	19 36	3 11	9 53	1 0	22 45	0 19	7 8	2 27	23 39	0 13	2 46	1 32	1 9	15 37	9 34	9 46	6 12	0 0	4 57	T 25
W26	19 31	4 24	3 30	13 48	0 48	19 44	3 9	9 39	0 59	22 45	0 19	7 9	2 27	23 39	0 13	2 46	1 32	1 8	15 38	9 30	9 45	6 14	0s 0	4 57	W26
T 27	19 17	0 30	2 40	13 10	0 40	19 52	3 6	9 24	0 59	22 45	0 19	7 11	2 26	23 39	0 13	2 46	1 32	1 8	15 38	9 28	9 43	6 16	0 1	4 57	T 27
F 28	19 4	3s22	1 43	12 32	0 32	20 0	3 4	9 10	0 58	22 45	0 18	7 12	2 26	23 39	0 13	2 45	1 32	1 8	15 38	9 27	9 42	6 17	0 1	4 57	F 28
S 29	18 50	7 4	0 43	11 54	0 24	20 7	3 1	8 55	0 58	22 45	0 18	7 13	2 26	23 39	0 13	2 45	1 33	1 8	15 39	9 26	9 41	6 19	0 2	4 57	S 29
S 30	18 35	10 29	0n20	11 15	0 15	20 14	2 58	8 41	0 57	22 45	0 18	7 15	2 26	23 39	0 13	2 45	1 33	1 8	15 39	9 26	9 40	6 21	0 3	4 57	S 30
M31	18n21	13s31	1n22	10n37	0n 6	20n20	2s55	8n26	0n57	22s45	0n18	7s16	2n25	23n39	0n13	2n45	1s33	1n 8	15s39	9s26	9s39	6s23	0s 3	4n58	M31

Julian Day Number = 2402418.5, Delta T = 7.83 sec
Ecliptic obliquity = 23°27'16, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°51'43, Lahiri = 21°58'44

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ASTRODIENST EPHEMERIS for the year 1865
geocentric

AUGUST 1865 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 38 27	8♌41'58	22♏ 0	4♍ 3	23♊43	11♍19	19°R31	24♎37	1♋58	10°R30	14♉12	24°R19	24♎51	13♎58	18°R18	T 1
W 2	20 42 24	9°39'23	4♐18	5°23	24°45	11°57	19♐29	24°40	2° 1	10♈30	14°12	24♎17	24°47	14° 5	18♓16	W 2
T 3	20 46 20	10°36'49	16°55	6°40	25°48	12°35	19°26	24°44	2° 4	10°29	14°12	24°12	24°44	14°11	18°14	T 3
F 4	20 50 17	11°34'17	29°56	7°56	26°51	13°12	19°24	24°47	2° 7	10°28	14°12	24° 5	24°41	14°18	18°12	F 4
S 5	20 54 13	12°31'45	13♑21	9° 9	27°54	13°50	19°22	24°51	2°10	10°28	14°13	23°56	24°38	14°25	18° 9	S 5
S 6	20 58 10	13°29'13	27°11	10°20	28°57	14°27	19°20	24°55	2°13	10°27	14°13	23°45	24°35	14°31	18° 7	S 6
M 7	21 2 7	14°26'43	11♒23	11°29	0♋ 1	15° 5	19°18	24°58	2°16	10°26	14°13	23°35	24°31	14°38	18° 5	M 7
T 8	21 6 3	15°24'14	25°50	12°35	1° 5	15°43	19°16	25° 2	2°19	10°25	14°13	23°25	24°28	14°45	18° 3	T 8
W 9	21 10 0	16°21'46	10♓27	13°39	2° 9	16°21	19°15	25° 6	2°21	10°25	14°13	23°17	24°25	14°51	18° 0	W 9
T 10	21 13 56	17°19'19	25° 7	14°41	3°13	16°58	19°14	25°10	2°24	10°24	14°13	23°12	24°22	14°58	17°58	T 10
F 11	21 17 53	18°16'53	9♈42	15°39	4°18	17°36	19°13	25°14	2°27	10°23	14°13	23° 9	24°19	15° 5	17°56	F 11
S 12	21 21 49	19°14'29	24° 8	16°35	5°23	18°14	19°12	25°19	2°30	10°22	14°13	23°D 9	24°16	15°11	17°53	S 12
S 13	21 25 46	20°12'07	8♉23	17°28	6°28	18°52	19°11	25°23	2°32	10°21	14°13	23° 9	24°12	15°18	17°51	S 13
M14	21 29 42	21° 9'46	22°24	18°18	7°33	19°30	19°11	25°27	2°35	10°20	14°R13	23°R 9	24° 9	15°25	17°49	M14
T 15	21 33 39	22° 7'27	6♊12	19° 5	8°39	20° 8	19°10	25°32	2°38	10°19	14°13	23° 9	24° 6	15°31	17°46	T 15
W16	21 37 36	23° 5'09	19°46	19°48	9°45	20°46	19°D10	25°36	2°40	10°18	14°13	23° 6	24° 3	15°38	17°44	W16
T 17	21 41 32	24° 2'53	3♋ 7	20°28	10°51	21°24	19°10	25°41	2°43	10°17	14°13	23° 0	24° 0	15°44	17°41	T 17
F 18	21 45 29	25° 0'39	16°15	21° 3	11°57	22° 2	19°11	25°45	2°45	10°16	14°13	22°53	23°57	15°51	17°39	F 18
S 19	21 49 25	25°58'26	29°12	21°35	13° 3	22°41	19°11	25°50	2°48	10°15	14°13	22°44	23°53	15°58	17°36	S 19
S 20	21 53 22	26°56'14	11♌55	22° 2	14°10	23°19	19°12	25°55	2°50	10°14	14°13	22°34	23°50	16° 4	17°33	S 20
M21	21 57 18	27°54'05	24°26	22°25	15°16	23°57	19°13	26° 0	2°53	10°13	14°13	22°24	23°47	16°11	17°31	M21
T 22	22 1 15	28°51'56	6♍45	22°43	16°23	24°35	19°14	26° 5	2°55	10°12	14°13	22°15	23°44	16°18	17°28	T 22
W23	22 5 11	29°49'49	18°52	22°56	17°30	25°14	19°15	26°10	2°57	10°11	14°13	22° 8	23°41	16°24	17°25	W23
T 24	22 9 8	0♍47'43	0♎50	23° 4	18°37	25°52	19°16	26°15	3° 0	10°10	14°12	22° 3	23°37	16°31	17°23	T 24
F 25	22 13 4	1°45'39	12°41	23°R 6	19°45	26°31	19°18	26°20	3° 2	10° 8	14°12	22° 1	23°34	16°38	17°20	F 25
S 26	22 17 1	2°43'36	24°28	23° 2	20°52	27° 9	19°19	26°25	3° 4	10° 7	14°12	22°D 1	23°31	16°44	17°17	S 26
S 27	22 20 58	3°41'35	6♏15	22°52	22° 0	27°47	19°21	26°30	3° 6	10° 6	14°12	22° 1	23°28	16°51	17°15	S 27
M28	22 24 54	4°39'34	18° 6	22°37	23° 8	28°26	19°24	26°36	3° 8	10° 5	14°11	22° 3	23°25	16°58	17°12	M28
T 29	22 28 51	5°37'36	0♐ 7	22°15	24°16	29° 5	19°26	26°41	3°11	10° 3	14°11	22°R 4	23°22	17° 4	17° 9	T 29
W30	22 32 47	6°35'38	12°23	21°47	25°24	29°43	19°28	26°46	3°13	10° 2	14°11	22° 4	23°18	17°11	17° 6	W30
T 31	22 36 44	7♍33'42	24♐59	21♍13	26♋32	0♎22	19♐31	26♎52	3♋15	10♈ 1	14♉10	22♎ 2	23♎15	17♎17	17♓ 4	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 6	16s 0	2n22	9n59	0s 3	20n27	2s52	8n11	0n56	22s45	0n18	7s17	2n25	23n39	0n13	2n44	1s33	1n 7	15s39	9s26	9s38	6s25	0s 4	4n58
W 2	17 51	17 49	3 16	9 21	0 12	20 32	2 49	7 57	0 56	22 45	0 17	7 19	2 25	23 39	0 13	2 44	1 33	1 7	15 40	9 25	9 36	6 26	0 4	4 58
T 3	17 35	18 48	4 2	8 44	0 22	20 38	2 46	7 42	0 55	22 45	0 17	7 20	2 25	23 39	0 13	2 44	1 33	1 7	15 40	9 23	9 35	6 28	0 5	4 58
F 4	17 19	18 51	4 37	8 7	0 32	20 43	2 42	7 27	0 55	22 45	0 17	7 22	2 24	23 39	0 13	2 43	1 33	1 7	15 40	9 21	9 34	6 30	0 6	4 58
S 5	17 3	17 51	4 58	7 30	0 42	20 47	2 39	7 12	0 54	22 45	0 17	7 23	2 24	23 39	0 13	2 43	1 33	1 6	15 41	9 17	9 33	6 32	0 7	4 58
S 6	16 47	15 48	5 2	6 54	0 52	20 51	2 36	6 57	0 54	22 45	0 17	7 25	2 24	23 39	0 13	2 43	1 33	1 6	15 41	9 14	9 32	6 34	0 7	4 58
M 7	16 30	12 45	4 48	6 18	1 2	20 55	2 32	6 42	0 53	22 45	0 17	7 27	2 24	23 39	0 13	2 43	1 33	1 6	15 41	9 10	9 31	6 35	0 8	4 58
T 8	16 14	8 54	4 16	5 43	1 13	20 58	2 29	6 27	0 53	22 45	0 16	7 28	2 23	23 39	0 13	2 42	1 33	1 6	15 42	9 6	9 29	6 37	0 9	4 58
W 9	15 57	4 28	3 27	5 9	1 24	21 1	2 25	6 12	0 52	22 45	0 16	7 30	2 23	23 39	0 13	2 42	1 33	1 5	15 42	9 3	9 28	6 39	0 10	4 59
T 10	15 39	0n15	2 24	4 35	1 34	21 3	2 22	5 56	0 52	22 45	0 16	7 32	2 23	23 39	0 13	2 41	1 33	1 5	15 42	9 1	9 27	6 41	0 11	4 59
F 11	15 22	4 56	1 11	4 3	1 45	21 5	2 18	5 41	0 51	22 45	0 16	7 33	2 23	23 39	0 13	2 41	1 33	1 5	15 42	9 0	9 26	6 42	0 11	4 59
S 12	15 4	9 17	0s 5	3 31	1 56	21 6	2 14	5 26	0 51	22 45	0 16	7 35	2 23	23 39	0 13	2 41	1 33	1 5	15 43	9 0	9 25	6 44	0 12	4 59
S 13	14 46	13 2	1 21	3 0	2 7	21 7	2 11	5 10	0 50	22 45	0 16	7 37	2 22	23 39	0 13	2 40	1 33	1 4	15 43	9 0	9 24	6 46	0 13	4 59
M14	14 27	15 58	2 30	2 31	2 18	21 8	2 7	4 55	0 50	22 45	0 15	7 39	2 22	23 39	0 13	2 40	1 33	1 4	15 43	9 0	9 22	6 48	0 14	4 59
T 15	14 9	17 55	3 29	2 3	2 28	21 7	2 3	4 40	0 49	22 46	0 15	7 40	2 22	23 39	0 13	2 39	1 33	1 4	15 44	9 0	9 21	6 49	0 15	4 59
W16	13 50	18 49	4 16	1 36	2 39	21 7	1 59	4 24	0 48	22 46	0 15	7 42	2 22	23 39	0 13	2 39	1 33	1 3	15 44	8 59	9 20	6 51	0 16	4 59
T 17	13 31	18 38	4 47	1 11	2 50	21 6	1 56	4 9	0 48	22 46	0 15	7 44	2 22	23 39	0 13	2 39	1 33	1 3	15 44	8 57	9 19	6 53	0 17	4 59
F 18	13 12	17 27	5 3	0 47	3 0	21 4	1 52	3 53	0 47	22 46	0 15	7 46	2 21	23 39	0 13	2 38	1 34	1 3	15 45	8 54	9 18	6 55	0 18	4 59
S 19	12 52	15 23	5 3	0 25	3 10	21 2	1 48	3 38	0 47	22 46	0 15	7 48	2 21	23 39	0 13	2 38	1 34	1 3	15 45	8 51	9 17	6 56	0 19	4 59
S 20	12 32	12 37	4 48	0 5	3 20	20 59	1 44	3 22	0 46	22 46	0 14	7 50	2 21	23 39	0 13	2 37	1 34	1 2	15 45	8 47	9 15	6 58	0 20	4 59
M21	12 13	9 18	4 19	0s12	3 30	20 55	1 40	3 6	0 46	22 47	0 14	7 52	2 21	23 39	0 13	2 37	1 34	1 2	15 45	8 43	9 14	7 0	0 20	4 59
T 22	11 53	5 39	3 39	0 28	3 39	20 52	1 36	2 51	0 45	22 47	0 14	7 54	2 20	23 39	0 13	2 36	1 34	1 2	15 46	8 40	9 13	7 2	0 21	4 59
W23	11 32	1 49	2 49	0 41	3 48	20 47	1 32	2 35	0 45	22 47	0 14	7 56	2 20	23 39	0 13	2 36	1 34	1 1	15 46	8 38	9 12	7 3	0 22	4 59
T 24	11 12	2s 3	1 52	0 51	3 56	20 42	1 28	2 19	0 44	22 47	0 14	7 58	2 20	23 38	0 13	2 35	1 34	1 1	15 46	8 36	9 11	7 5	0 24	4 59
F 25	10 51	5 47	0 50	0 59	4 4	20 37	1 24	2 3	0 44	22 48	0 14	8 0	2 20	23 38	0 13	2 35	1 34	1 1	15 47	8 35	9 10	7 7	0 25	4 59
S 26	10 31	9 17	0n13	1 4	4 10	20 31	1 20	1 48	0 43	22 48	0 13	8 2	2 20	23 38	0 13	2 34	1 34	1 0	15 47	8 35	9 8	7 9	0 26	4 59
S 27	10 10	12 25	1 16	1 5	4 16	20 24	1 16	1 32	0 43	22 48	0 13	8 4	2 20	23 38	0 13	2 34	1 34	1 0	15 47	8 35	9 7	7 10	0 27	4 59
M28	9 48	15 3	2 17	1 3	4 20	20 17	1 12	1 16	0 42	22 49	0 13	8 6	2 19	23 38	0 13	2 33	1 34	1 0	15 47	8 36	9 6	7 12	0 28	4 59
T 29	9 27	17 4	3 12	0 58	4 24	20 9	1 8	1 0	0 42	22 49	0 13	8 8	2 19	23 38	0 13	2 33	1 34	0 59	15 48	8 36	9 5	7 14	0 29	4 59
W30	9 6	18 20	3 59	0 49	4 26	20 1	1 4	0 44	0 41	22 49	0 13	8 10	2 19	23 38	0 13	2 32	1 34	0 59	15 48	8 36	9 4	7 16	0 30	4 59
T 31	8n44	18s45	4n37	0s36	4s27	19n52	1s 0	0n28	0n40	22s50	0n13	8s12	2n19	23n38	0n13	2n32	1s34	0n58	15s48	8s35	9s 2	7s17	0s31	4n59

Julian Day Number = 2402449.5, Delta T = 7.75 sec
Ecliptic obliquity = 23°27'16, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°51'48, Lahiri = 21°58'48

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ASTRODIENST EPHEMERIS for the year 1865
geocentric

SEPTEMBER 1865 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 40 40	8♍31'48	7♉59	20°R33	27♋40	1♎ 1	19♐34	26♎58	3♋17	9°R59	14°R10	21°R59	23♎12	17♎24	17°R 1	F 1
S 2	22 44 37	9°29'55	21°26	19♍48	28°49	1°39	19°37	27° 3	3°18	9♈58	14♉10	21♎54	23° 9	17°31	16♓58	S 2
S 3	22 48 33	10°28'03	5♒20	18°58	29°58	2°18	19°40	27° 9	3°20	9°57	14° 9	21°48	23° 6	17°37	16°55	S 3
M 4	22 52 30	11°26'13	19°40	18° 5	1♌ 7	2°57	19°44	27°15	3°22	9°55	14° 9	21°41	23° 2	17°44	16°52	M 4
T 5	22 56 27	12°24'24	4♓22	17° 8	2°16	3°36	19°47	27°20	3°24	9°54	14° 8	21°36	22°59	17°51	16°50	T 5
W 6	23 0 23	13°22'38	19°17	16° 9	3°25	4°15	19°51	27°26	3°26	9°52	14° 8	21°31	22°56	17°57	16°47	W 6
T 7	23 4 20	14°20'52	4♈18	15° 9	4°34	4°54	19°55	27°32	3°27	9°51	14° 7	21°28	22°53	18° 4	16°44	T 7
F 8	23 8 16	15°19'09	19°16	14° 9	5°43	5°33	19°59	27°38	3°29	9°49	14° 7	21°D27	22°50	18°11	16°41	F 8
S 9	23 12 13	16°17'28	4♉ 3	13°12	6°53	6°12	20° 3	27°44	3°31	9°48	14° 6	21°28	22°47	18°17	16°38	S 9
S 10	23 16 9	17°15'49	18°34	12°17	8° 3	6°51	20° 7	27°50	3°32	9°46	14° 6	21°29	22°43	18°24	16°35	S 10
M11	23 20 6	18°14'12	2♊45	11°27	9°12	7°30	20°12	27°56	3°34	9°45	14° 5	21°30	22°40	18°31	16°33	M11
T 12	23 24 2	19°12'38	16°36	10°43	10°22	8° 9	20°17	28° 2	3°35	9°43	14° 5	21°R31	22°37	18°37	16°30	T 12
W13	23 27 59	20°11'05	0♋ 6	10° 6	11°32	8°49	20°22	28° 8	3°37	9°42	14° 4	21°31	22°34	18°44	16°27	W13
T 14	23 31 56	21° 9'35	13°17	9°37	12°43	9°28	20°27	28°15	3°38	9°40	14° 4	21°29	22°31	18°51	16°24	T 14
F 15	23 35 52	22° 8'07	26°11	9°16	13°53	10° 7	20°32	28°21	3°39	9°39	14° 3	21°26	22°28	18°57	16°21	F 15
S 16	23 39 49	23° 6'41	8♌51	9° 5	15° 3	10°47	20°37	28°27	3°40	9°37	14° 2	21°22	22°24	19° 4	16°18	S 16
S 17	23 43 45	24° 5'17	21°17	9°D 2	16°14	11°26	20°43	28°34	3°42	9°35	14° 2	21°17	22°21	19°10	16°16	S 17
M18	23 47 42	25° 3'55	3♍32	9°10	17°24	12° 5	20°49	28°40	3°43	9°34	14° 1	21°13	22°18	19°17	16°13	M18
T 19	23 51 38	26° 2'35	15°37	9°27	18°35	12°45	20°55	28°47	3°44	9°32	14° 0	21° 9	22°15	19°24	16°10	T 19
W20	23 55 35	27° 1'17	27°35	9°54	19°46	13°25	21° 1	28°53	3°45	9°31	14° 0	21° 6	22°12	19°30	16° 7	W20
T 21	23 59 31	28° 0'01	9♎27	10°30	20°57	14° 4	21° 7	29° 0	3°46	9°29	13°59	21° 4	22° 8	19°37	16° 4	T 21
F 22	0 3 28	28°58'47	21°14	11°15	22° 8	14°44	21°13	29° 6	3°47	9°27	13°58	21°D 3	22° 5	19°44	16° 2	F 22
S 23	0 7 24	29°57'35	3♏ 0	12° 8	23°19	15°23	21°20	29°13	3°48	9°26	13°57	21° 4	22° 2	19°50	15°59	S 23
S 24	0 11 21	0♎56'24	14°48	13° 8	24°31	16° 3	21°26	29°20	3°49	9°24	13°57	21° 5	21°59	19°57	15°56	S 24
M25	0 15 18	1°55'16	26°41	14°16	25°42	16°43	21°33	29°26	3°50	9°22	13°56	21° 7	21°56	20° 4	15°54	M25
T 26	0 19 14	2°54'10	8♐42	15°29	26°54	17°23	21°40	29°33	3°50	9°21	13°55	21° 8	21°53	20°10	15°51	T 26
W27	0 23 11	3°53'05	20°58	16°49	28° 5	18° 3	21°47	29°40	3°51	9°19	13°54	21° 9	21°49	20°17	15°48	W27
T 28	0 27 7	4°52'02	3♑30	18°13	29°17	18°43	21°54	29°46	3°52	9°17	13°53	21°R10	21°46	20°24	15°46	T 28
F 29	0 31 4	5°51'01	16°25	19°42	0♍29	19°23	22° 2	29°53	3°52	9°16	13°53	21°10	21°43	20°30	15°43	F 29
S 30	0 35 0	6♎50'01	29♑45	21♍14	1♍40	20♎ 3	22♐ 9	0♏ 0	3♋53	9♈14	13♉52	21♎ 9	21♎40	20♎37	15♓40	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n23	18s12	5n 1	0s20	4s26	19n43	0s56	0n13	0n40	22s50	0n13	8s14	2n19	23n38	0n13	2n31	1s34	0n58	15s49	8s34	9s 1	7s19	0s32	4n59
S 2	8 1	16 38	5 10	0n 0	4 23	19 33	0 52	0s 3	0 39	22 51	0 12	8 17	2 18	23 38	0 13	2 30	1 34	0 58	15 49	8 32	9 0	7 21	0 33	4 59
S 3	7 39	14 4	5 2	0 24	4 19	19 23	0 48	0 19	0 39	22 51	0 12	8 19	2 18	23 38	0 13	2 30	1 34	0 57	15 49	8 30	8 59	7 23	0 34	4 59
M 4	7 17	10 35	4 34	0 51	4 12	19 12	0 45	0 35	0 38	22 51	0 12	8 21	2 18	23 38	0 13	2 29	1 34	0 57	15 49	8 28	8 58	7 24	0 35	4 59
T 5	6 55	6 22	3 48	1 21	4 4	19 1	0 41	0 51	0 38	22 52	0 12	8 23	2 18	23 38	0 13	2 29	1 34	0 57	15 50	8 25	8 57	7 26	0 36	4 59
W 6	6 32	1 41	2 46	1 53	3 54	18 49	0 37	1 7	0 37	22 52	0 12	8 25	2 18	23 38	0 14	2 28	1 34	0 56	15 50	8 24	8 55	7 28	0 38	4 59
T 7	6 10	3n 7	1 32	2 27	3 41	18 36	0 33	1 23	0 37	22 53	0 12	8 28	2 18	23 38	0 14	2 27	1 34	0 56	15 50	8 23	8 54	7 29	0 39	4 59
F 8	5 47	7 44	0 12	3 3	3 27	18 23	0 29	1 39	0 36	22 53	0 11	8 30	2 17	23 38	0 14	2 27	1 34	0 55	15 50	8 22	8 53	7 31	0 40	4 59
S 9	5 25	11 48	1s 8	3 39	3 12	18 9	0 25	1 55	0 36	22 54	0 11	8 32	2 17	23 38	0 14	2 26	1 34	0 55	15 51	8 22	8 52	7 33	0 41	4 59
S 10	5 2	15 4	2 23	4 16	2 55	17 55	0 21	2 11	0 35	22 54	0 11	8 34	2 17	23 38	0 14	2 26	1 34	0 55	15 51	8 23	8 51	7 35	0 42	4 59
M11	4 39	17 20	3 27	4 51	2 37	17 41	0 18	2 27	0 35	22 55	0 11	8 37	2 17	23 38	0 14	2 25	1 34	0 54	15 51	8 23	8 49	7 36	0 43	4 59
T 12	4 16	18 31	4 17	5 25	2 18	17 26	0 14	2 43	0 34	22 55	0 11	8 39	2 17	23 38	0 14	2 24	1 34	0 54	15 51	8 24	8 48	7 38	0 45	4 59
W13	3 53	18 35	4 52	5 57	1 59	17 10	0 10	2 59	0 33	22 56	0 11	8 41	2 17	23 38	0 14	2 24	1 34	0 53	15 52	8 24	8 47	7 40	0 46	4 59
T 14	3 30	17 39	5 10	6 27	1 39	16 54	0 7	3 15	0 33	22 56	0 11	8 44	2 17	23 38	0 14	2 23	1 34	0 53	15 52	8 23	8 46	7 41	0 47	4 59
F 15	3 7	15 49	5 12	6 53	1 19	16 37	0 3	3 31	0 32	22 57	0 10	8 46	2 16	23 38	0 14	2 23	1 34	0 53	15 52	8 22	8 45	7 43	0 48	4 59
S 16	2 44	13 15	4 59	7 15	1 0	16 20	0n 1	3 47	0 32	22 57	0 10	8 49	2 16	23 38	0 14	2 22	1 35	0 52	15 52	8 20	8 44	7 45	0 49	4 58
S 17	2 21	10 7	4 32	7 33	0 41	16 3	0 4	4 3	0 31	22 58	0 10	8 51	2 16	23 38	0 14	2 21	1 35	0 52	15 53	8 18	8 42	7 47	0 50	4 58
M18	1 58	6 36	3 52	7 48	0 22	15 45	0 8	4 19	0 31	22 58	0 10	8 53	2 16	23 38	0 14	2 21	1 35	0 51	15 53	8 17	8 41	7 48	0 52	4 58
T 19	1 34	2 52	3 3	7 57	0 5	15 26	0 11	4 35	0 30	22 59	0 10	8 56	2 16	23 38	0 14	2 20	1 35	0 51	15 53	8 15	8 40	7 50	0 53	4 58
W20	1 11	0s58	2 6	8 2	0n12	15 8	0 15	4 50	0 30	22 59	0 10	8 58	2 16	23 38	0 14	2 19	1 35	0 51	15 53	8 14	8 39	7 52	0 54	4 58
T 21	0 48	4 43	1 4	8 3	0 27	14 48	0 18	5 6	0 29	23 0	0 10	9 1	2 16	23 38	0 14	2 19	1 35	0 50	15 54	8 14	8 38	7 53	0 55	4 58
F 22	0 24	8 16	0n 1	7 59	0 41	14 28	0 21	5 22	0 28	23 0	0 9	9 3	2 16	23 38	0 14	2 18	1 35	0 50	15 54	8 13	8 36	7 55	0 56	4 58
S 23	0 1	11 30	1 6	7 51	0 54	14 8	0 24	5 38	0 28	23 1	0 9	9 5	2 15	23 38	0 14	2 17	1 35	0 49	15 54	8 14	8 35	7 57	0 57	4 58
S 24	0s22	14 15	2 8	7 38	1 5	13 48	0 28	5 54	0 27	23 2	0 9	9 8	2 15	23 38	0 14	2 17	1 35	0 49	15 54	8 14	8 34	7 58	0 59	4 57
M25	0 46	16 26	3 5	7 22	1 16	13 27	0 31	6 10	0 27	23 2	0 9	9 10	2 15	23 38	0 14	2 16	1 35	0 49	15 54	8 15	8 33	8 0	1 0	4 57
T 26	1 9	17 55	3 54	7 1	1 25	13 5	0 34	6 25	0 26	23 3	0 9	9 13	2 15	23 38	0 14	2 15	1 35	0 48	15 55	8 15	8 32	8 2	1 1	4 57
W27	1 33	18 35	4 34	6 38	1 32	12 43	0 37	6 41	0 26	23 3	0 9	9 15	2 15	23 38	0 14	2 15	1 35	0 48	15 55	8 16	8 31	8 4	1 2	4 57
T 28	1 56	18 22	5 2	6 11	1 39	12 21	0 40	6 57	0 25	23 4	0 9	9 18	2 15	23 38	0 14	2 14	1 35	0 47	15 55	8 16	8 29	8 5	1 3	4 57
F 29	2 19	17 13	5 16	5 41	1 44	11 59	0 43	7 13	0 25	23 4	0 8	9 20	2 15	23 38	0 14	2 13	1 35	0 47	15 55	8 16	8 28	8 7	1 5	4 57
S 30	2s43	15s 6	5n14	5n 8	1n48	11n36	0n46	7s28	0n24	23s 5	0n 8	9s23	2n15	23n38	0n14	2n13	1s35	0n47	15s55	8s15	8s27	8s 9	1s 6	4n57

Julian Day Number = 2402480.5, Delta T = 7.68 sec
Ecliptic obliquity = 23°27'16, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°51'52, Lahiri = 21°58'52

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ASTRODIENST EPHEMERIS for the year 1865
geocentric

OCTOBER 1865 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 38 57	7♎49'03	13♒33	22♍50	2♍52	20♎43	22♐17	0♏ 7	3♋53	9°R12	13°R51	21°R 7	21♎37	20♎43	15°R38	S 1
M 2	0 42 53	8°48'07	27°48	24°28	4° 4	21°23	22°25	0°14	3°54	9♈11	13♉50	21♎ 6	21°34	20°50	15♓35	M 2
T 3	0 46 50	9°47'13	12♓28	26° 8	5°16	22° 3	22°33	0°21	3°54	9° 9	13°49	21° 4	21°30	20°57	15°33	T 3
W 4	0 50 47	10°46'21	27°27	27°50	6°29	22°43	22°41	0°28	3°54	9° 7	13°48	21° 3	21°27	21° 3	15°30	W 4
T 5	0 54 43	11°45'30	12♈38	29°33	7°41	23°23	22°49	0°35	3°55	9° 6	13°47	21° 3	21°24	21°10	15°28	T 5
F 6	0 58 40	12°44'42	27°51	1♎17	8°53	24° 4	22°57	0°42	3°55	9° 4	13°46	21°D 3	21°21	21°17	15°25	F 6
S 7	1 2 36	13°43'56	12♉55	3° 2	10° 6	24°44	23° 6	0°49	3°55	9° 2	13°45	21° 3	21°18	21°23	15°23	S 7
S 8	1 6 33	14°43'12	27°45	4°47	11°18	25°24	23°14	0°56	3°55	9° 1	13°44	21° 3	21°14	21°30	15°20	S 8
M 9	1 10 29	15°42'31	12♊12	6°32	12°31	26° 5	23°23	1° 3	3°55	8°59	13°43	21° 4	21°11	21°37	15°18	M 9
T 10	1 14 26	16°41'51	26°14	8°17	13°44	26°45	23°32	1°10	3°R55	8°57	13°42	21° 4	21° 8	21°43	15°16	T 10
W11	1 18 22	17°41'14	9♋50	10° 3	14°57	27°26	23°41	1°17	3°55	8°56	13°41	21° 5	21° 5	21°50	15°14	W11
T 12	1 22 19	18°40'40	23° 1	11°48	16° 9	28° 6	23°50	1°24	3°55	8°54	13°40	21°R 5	21° 2	21°57	15°11	T 12
F 13	1 26 16	19°40'08	5♌51	13°32	17°22	28°47	23°59	1°31	3°55	8°53	13°39	21° 5	20°59	22° 3	15° 9	F 13
S 14	1 30 12	20°39'38	18°21	15°17	18°35	29°28	24° 8	1°39	3°55	8°51	13°38	21°D 5	20°55	22°10	15° 7	S 14
S 15	1 34 9	21°39'10	0♍37	17° 1	19°49	0♏ 8	24°18	1°46	3°55	8°49	13°37	21° 5	20°52	22°16	15° 5	S 15
M16	1 38 5	22°38'44	12°41	18°44	21° 2	0°49	24°27	1°53	3°54	8°48	13°36	21° 5	20°49	22°23	15° 3	M16
T 17	1 42 2	23°38'21	24°36	20°27	22°15	1°30	24°37	2° 0	3°54	8°46	13°35	21° 5	20°46	22°30	15° 1	T 17
W18	1 45 58	24°38'00	6♎26	22° 9	23°28	2°11	24°47	2° 7	3°53	8°44	13°34	21° 5	20°43	22°36	14°59	W18
T 19	1 49 55	25°37'41	18°14	23°51	24°42	2°52	24°57	2°15	3°53	8°43	13°33	21°R 5	20°39	22°43	14°57	T 19
F 20	1 53 51	26°37'24	0♏ 1	25°32	25°55	3°33	25° 7	2°22	3°52	8°41	13°32	21° 5	20°36	22°50	14°55	F 20
S 21	1 57 48	27°37'09	11°50	27°13	27° 9	4°14	25°17	2°29	3°52	8°40	13°31	21° 5	20°33	22°56	14°53	S 21
S 22	2 1 45	28°36'56	23°43	28°53	28°22	4°55	25°27	2°36	3°51	8°38	13°30	21° 4	20°30	23° 3	14°51	S 22
M23	2 5 41	29°36'45	5♐42	0♏32	29°36	5°36	25°37	2°44	3°51	8°37	13°29	21° 3	20°27	23°10	14°49	M23
T 24	2 9 38	0♏36'35	17°49	2°11	0♎50	6°17	25°48	2°51	3°50	8°35	13°28	21° 2	20°24	23°16	14°47	T 24
W25	2 13 34	1°36'28	0♑ 9	3°50	2° 3	6°58	25°58	2°58	3°49	8°34	13°27	21° 0	20°20	23°23	14°46	W25
T 26	2 17 31	2°36'22	12°43	5°27	3°17	7°39	26° 9	3° 5	3°48	8°32	13°26	20°59	20°17	23°30	14°44	T 26
F 27	2 21 27	3°36'18	25°35	7° 5	4°31	8°21	26°20	3°13	3°47	8°31	13°25	20°58	20°14	23°36	14°42	F 27
S 28	2 25 24	4°36'15	8♒48	8°41	5°45	9° 2	26°30	3°20	3°46	8°29	13°23	20°D58	20°11	23°43	14°41	S 28
S 29	2 29 20	5°36'14	22°25	10°18	6°59	9°44	26°41	3°27	3°46	8°28	13°22	20°59	20° 8	23°49	14°39	S 29
M30	2 33 17	6°36'15	6♓26	11°54	8°13	10°25	26°52	3°34	3°44	8°26	13°21	21° 0	20° 5	23°56	14°38	M30
T 31	2 37 13	7♏36'17	20♓51	13♏29	9♎27	11♏ 6	27♐ 3	3♏42	3♋43	8♈25	13♉20	21♎ 1	20♎ 1	24♎ 3	14♓36	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s 6	12s 5	4n53	4n33	1n52	11n13	0n49	7s44	0n23	23s 6	0n 8	9s25	2n15	23n38	0n14	2n12	1s35	0n46	15s56	8s15	8s26	8s10	1s 7	4n56
M 2	3 30	8 15	4 15	3 56	1 54	10 49	0 51	7 59	0 23	23 6	0 8	9 28	2 15	23 38	0 14	2 11	1 35	0 46	15 56	8 14	8 25	8 12	1 8	4 56
T 3	3 53	3 50	3 18	3 18	1 55	10 25	0 54	8 15	0 22	23 7	0 8	9 30	2 14	23 38	0 14	2 11	1 35	0 45	15 56	8 14	8 23	8 14	1 9	4 56
W 4	4 16	0n56	2 7	2 38	1 55	10 1	0 57	8 30	0 22	23 7	0 8	9 33	2 14	23 38	0 14	2 10	1 35	0 45	15 56	8 13	8 22	8 15	1 10	4 56
T 5	4 39	5 43	0 47	1 56	1 55	9 36	0 59	8 46	0 21	23 8	0 8	9 35	2 14	23 38	0 14	2 9	1 35	0 45	15 56	8 13	8 21	8 17	1 11	4 56
F 6	5 2	10 8	0s38	1 14	1 54	9 12	1 1	9 1	0 21	23 8	0 8	9 38	2 14	23 38	0 14	2 9	1 35	0 44	15 56	8 13	8 20	8 19	1 12	4 55
S 7	5 25	13 50	1 59	0 31	1 52	8 46	1 4	9 16	0 20	23 9	0 7	9 40	2 14	23 38	0 14	2 8	1 35	0 44	15 57	8 13	8 19	8 20	1 14	4 55
S 8	5 48	16 35	3 10	0s13	1 50	8 21	1 6	9 32	0 19	23 10	0 7	9 43	2 14	23 38	0 14	2 7	1 35	0 43	15 57	8 13	8 17	8 22	1 15	4 55
M 9	6 11	18 10	4 8	0 58	1 47	7 55	1 8	9 47	0 19	23 10	0 7	9 45	2 14	23 38	0 14	2 7	1 35	0 43	15 57	8 14	8 16	8 24	1 16	4 55
T 10	6 34	18 35	4 49	1 42	1 43	7 29	1 11	10 2	0 18	23 11	0 7	9 48	2 14	23 38	0 14	2 6	1 35	0 43	15 57	8 14	8 15	8 25	1 17	4 55
W11	6 57	17 54	5 12	2 27	1 39	7 3	1 13	10 17	0 18	23 11	0 7	9 50	2 14	23 38	0 14	2 5	1 35	0 42	15 57	8 14	8 14	8 27	1 18	4 54
T 12	7 19	16 16	5 18	3 12	1 35	6 37	1 15	10 32	0 17	23 12	0 7	9 53	2 14	23 38	0 14	2 5	1 35	0 42	15 57	8 14	8 13	8 29	1 19	4 54
F 13	7 42	13 51	5 8	3 57	1 30	6 10	1 17	10 47	0 17	23 12	0 7	9 55	2 14	23 38	0 14	2 4	1 35	0 41	15 57	8 14	8 11	8 30	1 20	4 54
S 14	8 4	10 51	4 43	4 42	1 26	5 43	1 19	11 2	0 16	23 13	0 7	9 58	2 14	23 38	0 14	2 4	1 35	0 41	15 57	8 14	8 10	8 32	1 21	4 54
S 15	8 27	7 26	4 6	5 27	1 20	5 16	1 20	11 17	0 15	23 13	0 6	10 0	2 14	23 38	0 14	2 3	1 35	0 41	15 58	8 14	8 9	8 34	1 22	4 53
M16	8 49	3 45	3 18	6 12	1 15	4 49	1 22	11 32	0 15	23 14	0 6	10 3	2 14	23 38	0 14	2 2	1 35	0 40	15 58	8 14	8 8	8 35	1 23	4 53
T 17	9 11	0s 2	2 22	6 56	1 9	4 22	1 24	11 47	0 14	23 14	0 6	10 5	2 14	23 38	0 14	2 2	1 35	0 40	15 58	8 14	8 7	8 37	1 24	4 53
W18	9 33	3 48	1 21	7 39	1 3	3 54	1 25	12 1	0 14	23 15	0 6	10 8	2 14	23 38	0 14	2 1	1 35	0 39	15 58	8 14	8 6	8 39	1 25	4 53
T 19	9 55	7 24	0 16	8 23	0 57	3 26	1 27	12 16	0 13	23 15	0 6	10 10	2 14	23 38	0 14	2 0	1 35	0 39	15 58	8 14	8 4	8 40	1 26	4 52
F 20	10 16	10 43	0n49	9 6	0 51	2 58	1 28	12 30	0 13	23 16	0 6	10 13	2 14	23 38	0 14	2 0	1 35	0 39	15 58	8 14	8 3	8 42	1 27	4 52
S 21	10 38	13 36	1 53	9 48	0 44	2 30	1 30	12 45	0 12	23 16	0 6	10 15	2 13	23 38	0 14	1 59	1 35	0 38	15 58	8 14	8 2	8 43	1 28	4 52
S 22	10 59	15 56	2 52	10 30	0 38	2 2	1 31	12 59	0 11	23 17	0 6	10 18	2 13	23 38	0 15	1 59	1 35	0 38	15 58	8 14	8 1	8 45	1 29	4 52
M23	11 21	17 36	3 43	11 11	0 31	1 34	1 32	13 14	0 11	23 17	0 6	10 20	2 13	23 38	0 15	1 58	1 35	0 38	15 58	8 13	8 0	8 47	1 30	4 51
T 24	11 42	18 29	4 26	11 51	0 25	1 6	1 33	13 28	0 10	23 18	0 5	10 23	2 13	23 38	0 15	1 57	1 35	0 37	15 58	8 13	7 58	8 48	1 31	4 51
W25	12 2	18 31	4 57	12 31	0 18	0 37	1 34	13 42	0 10	23 18	0 5	10 25	2 13	23 39	0 15	1 57	1 35	0 37	15 58	8 12	7 57	8 50	1 32	4 51
T 26	12 23	17 38	5 14	13 10	0 11	0 9	1 35	13 56	0 9	23 19	0 5	10 28	2 13	23 39	0 15	1 56	1 35	0 37	15 58	8 12	7 56	8 52	1 33	4 51
F 27	12 44	15 51	5 16	13 49	0 5	0s20	1 36	14 10	0 9	23 19	0 5	10 30	2 13	23 39	0 15	1 56	1 35	0 36	15 58	8 11	7 55	8 53	1 34	4 50
S 28	13 4	13 12	5 2	14 26	0s 2	0 48	1 37	14 24	0 8	23 20	0 5	10 32	2 13	23 39	0 15	1 55	1 35	0 36	15 58	8 11	7 54	8 55	1 34	4 50
S 29	13 24	9 47	4 31	15 3	0 9	1 17	1 38	14 37	0 7	23 20	0 5	10 35	2 13	23 39	0 15	1 55	1 35	0 35	15 58	8 12	7 52	8 57	1 35	4 50
M30	13 44	5 42	3 43	15 40	0 16	1 45	1 38	14 51	0 7	23 20	0 5	10 37	2 13	23 39	0 15	1 54	1 34	0 35	15 58	8 12	7 51	8 58	1 36	4 49
T 31	14s 3	1s11	2n40	16s15	0s22	2s14	1n39	15s 4	0n 6	23s21	0n 5	10s40	2n13	23n39	0n15	1n53	1s34	0n35	15s58	8s12	7s50	9s 0	1s37	4n49

Julian Day Number = 2402510.5, Delta T = 7.60 sec
Ecliptic obliquity = 23°27'16, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°51'56, Lahiri = 21°58'56

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ASTRODIENST EPHEMERIS for the year 1865
geocentric

NOVEMBER 1865 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 41 10	8♏36'21	5♈37	15♏ 4	10♎41	11♏48	27♐15	3♏49	3°R42	8°R23	13°R19	21♎ 2	19♎58	24♎ 9	14°R35	W 1
T 2	2 45 7	9°36'26	20°40	16°38	11°55	12°30	27°26	3°56	3♋41	8♈22	13♉18	21°R 3	19°55	24°16	14♓34	T 2
F 3	2 49 3	10°36'34	5♉51	18°12	13° 9	13°11	27°37	4° 3	3°40	8°21	13°17	21° 2	19°52	24°23	14°33	F 3
S 4	2 53 0	11°36'43	21° 1	19°46	14°24	13°53	27°49	4°10	3°39	8°19	13°16	21° 1	19°49	24°29	14°31	S 4
S 5	2 56 56	12°36'54	5♊59	21°19	15°38	14°35	28° 0	4°18	3°37	8°18	13°14	20°58	19°45	24°36	14°30	S 5
M 6	3 0 53	13°37'07	20°39	22°52	16°52	15°16	28°12	4°25	3°36	8°17	13°13	20°55	19°42	24°43	14°29	M 6
T 7	3 4 49	14°37'21	4♋54	24°24	18° 7	15°58	28°23	4°32	3°35	8°15	13°12	20°52	19°39	24°49	14°28	T 7
W 8	3 8 46	15°37'38	18°40	25°57	19°21	16°40	28°35	4°39	3°33	8°14	13°11	20°49	19°36	24°56	14°27	W 8
T 9	3 12 42	16°37'57	1♌59	27°29	20°35	17°22	28°47	4°46	3°32	8°13	13°10	20°47	19°33	25° 3	14°26	T 9
F 10	3 16 39	17°38'18	14°51	29° 0	21°50	18° 4	28°59	4°54	3°30	8°12	13° 9	20°D46	19°30	25° 9	14°25	F 10
S 11	3 20 36	18°38'41	27°21	0♐31	23° 5	18°46	29°11	5° 1	3°29	8°11	13° 8	20°46	19°26	25°16	14°24	S 11
S 12	3 24 32	19°39'05	9♍33	2° 2	24°19	19°28	29°23	5° 8	3°27	8° 9	13° 7	20°47	19°23	25°22	14°24	S 12
M13	3 28 29	20°39'32	21°32	3°33	25°34	20°10	29°35	5°15	3°25	8° 8	13° 5	20°49	19°20	25°29	14°23	M13
T 14	3 32 25	21°40'00	3♎23	5° 3	26°48	20°53	29°47	5°22	3°24	8° 7	13° 4	20°51	19°17	25°36	14°22	T 14
W15	3 36 22	22°40'30	15° 9	6°33	28° 3	21°35	29°59	5°29	3°22	8° 6	13° 3	20°R52	19°14	25°42	14°22	W15
T 16	3 40 18	23°41'02	26°56	8° 2	29°18	22°17	0♑12	5°36	3°20	8° 5	13° 2	20°52	19°11	25°49	14°21	T 16
F 17	3 44 15	24°41'36	8♏45	9°31	0♏33	22°59	0°24	5°43	3°18	8° 4	13° 1	20°51	19° 7	25°56	14°20	F 17
S 18	3 48 11	25°42'11	20°40	11° 0	1°47	23°42	0°37	5°50	3°16	8° 3	13° 0	20°47	19° 4	26° 2	14°20	S 18
S 19	3 52 8	26°42'48	2♐42	12°29	3° 2	24°24	0°49	5°57	3°14	8° 2	12°59	20°42	19° 1	26° 9	14°20	S 19
M20	3 56 5	27°43'26	14°53	13°56	4°17	25° 7	1° 2	6° 4	3°12	8° 1	12°58	20°35	18°58	26°16	14°19	M20
T 21	4 0 1	28°44'06	27°15	15°24	5°32	25°49	1°15	6°11	3°11	8° 0	12°57	20°28	18°55	26°22	14°19	T 21
W22	4 3 58	29°44'47	9♑47	16°50	6°47	26°32	1°27	6°18	3° 8	7°59	12°56	20°21	18°51	26°29	14°19	W22
T 23	4 7 54	0♐45'29	22°31	18°17	8° 2	27°15	1°40	6°25	3° 6	7°58	12°55	20°15	18°48	26°36	14°19	T 23
F 24	4 11 51	1°46'13	5♒30	19°42	9°17	27°57	1°53	6°31	3° 4	7°58	12°53	20°10	18°45	26°42	14°19	F 24
S 25	4 15 47	2°46'57	18°43	21° 7	10°32	28°40	2° 6	6°38	3° 2	7°57	12°52	20° 7	18°42	26°49	14°D19	S 25
S 26	4 19 44	3°47'42	2♓13	22°30	11°47	29°23	2°19	6°45	3° 0	7°56	12°51	20°D 6	18°39	26°56	14°19	S 26
M27	4 23 40	4°48'28	16° 2	23°53	13° 2	0♐ 6	2°32	6°52	2°58	7°55	12°50	20° 6	18°36	27° 2	14°19	M27
T 28	4 27 37	5°49'16	0♈ 9	25°14	14°17	0°48	2°45	6°58	2°56	7°54	12°49	20° 8	18°32	27° 9	14°19	T 28
W29	4 31 34	6°50'04	14°34	26°34	15°32	1°31	2°58	7° 5	2°54	7°54	12°48	20°R 9	18°29	27°15	14°19	W29
T 30	4 35 30	7♐50'53	29♈15	27♐52	16♏47	2♐14	3♑11	7♏12	2♋51	7♈53	12♉47	20♎ 8	18♎26	27♎22	14♓19	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s23	3n32	1n24	16s50	0s29	2s43	1n39	15s18	0n 6	23s21	0n 4	10s42	2n13	23n39	0n15	1n53	1s34	0n35	15s58	8s13	7s49	9s 1	1s38	4n49
T 2	14 42	8 6	0 2	17 23	0 36	3 11	1 40	15 31	0 5	23 21	0 4	10 45	2 13	23 39	0 15	1 52	1 34	0 34	15 58	8 13	7 48	9 3	1 39	4 49
F 3	15 1	12 12	1s21	17 56	0 42	3 40	1 40	15 44	0 4	23 22	0 4	10 47	2 13	23 39	0 15	1 52	1 34	0 34	15 58	8 13	7 46	9 5	1 39	4 48
S 4	15 20	15 29	2 38	18 28	0 49	4 8	1 40	15 57	0 4	23 22	0 4	10 50	2 13	23 39	0 15	1 51	1 34	0 34	15 58	8 12	7 45	9 6	1 40	4 48
S 5	15 38	17 39	3 43	18 59	0 55	4 37	1 40	16 10	0 3	23 22	0 4	10 52	2 13	23 39	0 15	1 51	1 34	0 33	15 58	8 11	7 44	9 8	1 41	4 48
M 6	15 56	18 36	4 32	19 29	1 1	5 5	1 40	16 23	0 3	23 23	0 4	10 54	2 13	23 39	0 15	1 50	1 34	0 33	15 58	8 10	7 43	9 10	1 41	4 47
T 7	16 14	18 19	5 3	19 58	1 7	5 34	1 40	16 36	0 2	23 23	0 4	10 57	2 13	23 39	0 15	1 50	1 34	0 33	15 58	8 9	7 42	9 11	1 42	4 47
W 8	16 32	16 57	5 15	20 26	1 13	6 2	1 40	16 48	0 1	23 23	0 4	10 59	2 13	23 39	0 15	1 49	1 34	0 32	15 58	8 8	7 40	9 13	1 43	4 47
T 9	16 49	14 42	5 9	20 54	1 19	6 30	1 40	17 1	0 1	23 23	0 4	11 1	2 14	23 39	0 15	1 49	1 34	0 32	15 58	8 7	7 39	9 14	1 43	4 46
F 10	17 6	11 48	4 48	21 20	1 25	6 58	1 40	17 13	0 0	23 24	0 4	11 4	2 14	23 39	0 15	1 49	1 34	0 32	15 58	8 7	7 38	9 16	1 44	4 46
S 11	17 23	8 26	4 13	21 45	1 31	7 26	1 40	17 25	0s 0	23 24	0 3	11 6	2 14	23 39	0 15	1 48	1 34	0 32	15 58	8 7	7 37	9 18	1 45	4 46
S 12	17 39	4 47	3 28	22 9	1 36	7 54	1 39	17 37	0 1	23 24	0 3	11 8	2 14	23 39	0 15	1 48	1 34	0 31	15 58	8 7	7 36	9 19	1 45	4 45
M13	17 56	1 0	2 34	22 32	1 41	8 21	1 39	17 49	0 2	23 24	0 3	11 11	2 14	23 40	0 15	1 47	1 34	0 31	15 58	8 8	7 34	9 21	1 46	4 45
T 14	18 12	2s47	1 35	22 54	1 46	8 49	1 38	18 1	0 2	23 24	0 3	11 13	2 14	23 40	0 15	1 47	1 34	0 31	15 58	8 9	7 33	9 22	1 46	4 45
W15	18 27	6 27	0 31	23 14	1 51	9 16	1 38	18 13	0 3	23 24	0 3	11 15	2 14	23 40	0 15	1 46	1 34	0 31	15 58	8 9	7 32	9 24	1 47	4 44
T 16	18 42	9 52	0n33	23 34	1 56	9 43	1 37	18 24	0 3	23 24	0 3	11 18	2 14	23 40	0 15	1 46	1 34	0 30	15 58	8 9	7 31	9 26	1 47	4 44
F 17	18 57	12 54	1 36	23 52	2 0	10 10	1 36	18 36	0 4	23 24	0 3	11 20	2 14	23 40	0 15	1 46	1 34	0 30	15 58	8 8	7 30	9 27	1 48	4 44
S 18	19 12	15 26	2 36	24 9	2 4	10 37	1 35	18 47	0 5	23 24	0 3	11 22	2 14	23 40	0 15	1 45	1 34	0 30	15 58	8 7	7 28	9 29	1 48	4 44
S 19	19 26	17 18	3 29	24 25	2 8	11 3	1 34	18 58	0 5	23 25	0 3	11 24	2 14	23 40	0 15	1 45	1 34	0 30	15 58	8 5	7 27	9 30	1 49	4 43
M20	19 40	18 25	4 13	24 40	2 11	11 29	1 34	19 9	0 6	23 25	0 2	11 27	2 14	23 40	0 15	1 45	1 34	0 30	15 57	8 3	7 26	9 32	1 49	4 43
T 21	19 53	18 40	4 45	24 53	2 15	11 55	1 33	19 20	0 6	23 25	0 2	11 29	2 14	23 40	0 15	1 44	1 34	0 29	15 57	8 0	7 25	9 34	1 50	4 43
W22	20 7	18 2	5 5	25 5	2 17	12 21	1 31	19 30	0 7	23 24	0 2	11 31	2 14	23 40	0 15	1 44	1 34	0 29	15 57	7 57	7 23	9 35	1 50	4 42
T 23	20 19	16 28	5 10	25 16	2 20	12 46	1 30	19 41	0 8	23 24	0 2	11 33	2 14	23 40	0 15	1 44	1 34	0 29	15 57	7 55	7 22	9 37	1 50	4 42
F 24	20 32	14 4	4 59	25 25	2 22	13 11	1 29	19 51	0 8	23 24	0 2	11 35	2 14	23 40	0 15	1 43	1 34	0 29	15 57	7 53	7 21	9 38	1 51	4 42
S 25	20 44	10 54	4 33	25 33	2 24	13 36	1 28	20 1	0 9	23 24	0 2	11 37	2 14	23 40	0 15	1 43	1 34	0 29	15 57	7 52	7 20	9 40	1 51	4 41
S 26	20 55	7 6	3 50	25 39	2 25	14 0	1 26	20 11	0 9	23 24	0 2	11 39	2 15	23 40	0 15	1 43	1 34	0 28	15 57	7 52	7 19	9 41	1 51	4 41
M27	21 7	2 50	2 54	25 44	2 26	14 24	1 25	20 21	0 10	23 24	0 2	11 42	2 15	23 40	0 15	1 43	1 34	0 28	15 57	7 52	7 17	9 43	1 52	4 41
T 28	21 17	1n41	1 46	25 48	2 26	14 48	1 24	20 30	0 11	23 24	0 2	11 44	2 15	23 41	0 15	1 42	1 34	0 28	15 56	7 52	7 16	9 45	1 52	4 40
W29	21 28	6 13	0 30	25 50	2 26	15 11	1 22	20 40	0 11	23 24	0 2	11 46	2 15	23 41	0 15	1 42	1 34	0 28	15 56	7 53	7 15	9 46	1 52	4 40
T 30	21s38	10n27	0s49	25s51	2s25	15s34	1n21	20s49	0s12	23s23	0n 1	11s48	2n15	23n41	0n15	1n42	1s33	0n28	15s56	7s53	7s14	9s48	1s52	4n40

Julian Day Number = 2402541.5, Delta T = 7.51 sec
Ecliptic obliquity = 23°27'16, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°52'00, Lahiri = 21°59'01

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ASTRODIENST EPHEMERIS for the year 1865
geocentric

DECEMBER 1865 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 39 27	8♐51'43	14♉ 7	29♐ 9	18♏ 2	2♐57	3♑24	7♏18	2°R49	7°R52	12°R46	20°R 6	18♎23	27♎29	14♓20	F 1
S 2	4 43 23	9°52'34	29° 3	0♑23	19°17	3°40	3°37	7°25	2♋47	7♈52	12♉45	20♎ 2	18°20	27°35	14°20	S 2
S 3	4 47 20	10°53'26	13♊55	1°35	20°32	4°24	3°51	7°31	2°44	7°51	12°44	19°55	18°16	27°42	14°20	S 3
M 4	4 51 16	11°54'19	28°33	2°44	21°47	5° 7	4° 4	7°38	2°42	7°51	12°43	19°46	18°13	27°49	14°21	M 4
T 5	4 55 13	12°55'14	12♋51	3°49	23° 2	5°50	4°17	7°44	2°40	7°50	12°42	19°37	18°10	27°55	14°21	T 5
W 6	4 59 10	13°56'09	26°43	4°51	24°18	6°33	4°31	7°50	2°37	7°50	12°41	19°29	18° 7	28° 2	14°22	W 6
T 7	5 3 6	14°57'06	10♌ 8	5°48	25°33	7°17	4°44	7°57	2°35	7°49	12°41	19°22	18° 4	28° 9	14°23	T 7
F 8	5 7 3	15°58'04	23° 6	6°41	26°48	8° 0	4°58	8° 3	2°32	7°49	12°40	19°17	18° 1	28°15	14°23	F 8
S 9	5 10 59	16°59'03	5♍40	7°27	28° 3	8°43	5°11	8° 9	2°30	7°49	12°39	19°14	17°57	28°22	14°24	S 9
S 10	5 14 56	18° 0'02	17°54	8° 8	29°19	9°27	5°25	8°15	2°28	7°48	12°38	19°D13	17°54	28°29	14°25	S 10
M11	5 18 52	19° 1'04	29°53	8°40	0♐34	10°10	5°38	8°21	2°25	7°48	12°37	19°14	17°51	28°35	14°26	M11
T 12	5 22 49	20° 2'06	11♎43	9° 5	1°49	10°54	5°52	8°27	2°23	7°48	12°36	19°15	17°48	28°42	14°27	T 12
W13	5 26 45	21° 3'09	23°30	9°21	3° 4	11°37	6° 5	8°33	2°20	7°48	12°35	19°R15	17°45	28°49	14°28	W13
T 14	5 30 42	22° 4'13	5♏17	9°R27	4°20	12°21	6°19	8°39	2°18	7°47	12°34	19°13	17°42	28°55	14°29	T 14
F 15	5 34 38	23° 5'18	17°10	9°22	5°35	13° 5	6°33	8°45	2°15	7°47	12°33	19° 9	17°38	29° 2	14°30	F 15
S 16	5 38 35	24° 6'24	29°12	9° 5	6°50	13°49	6°46	8°51	2°12	7°47	12°33	19° 3	17°35	29° 8	14°31	S 16
S 17	5 42 32	25° 7'31	11♐25	8°38	8° 6	14°32	7° 0	8°57	2°10	7°47	12°32	18°53	17°32	29°15	14°32	S 17
M18	5 46 28	26° 8'38	23°51	7°58	9°21	15°16	7°14	9° 2	2° 7	7°47	12°31	18°42	17°29	29°22	14°34	M18
T 19	5 50 25	27° 9'46	6♑31	7° 7	10°36	16° 0	7°28	9° 8	2° 5	7°D47	12°30	18°29	17°26	29°28	14°35	T 19
W20	5 54 21	28°10'54	19°23	6° 6	11°52	16°44	7°41	9°14	2° 2	7°47	12°30	18°16	17°22	29°35	14°36	W20
T 21	5 58 18	29°12'03	2♒28	4°57	13° 7	17°28	7°55	9°19	2° 0	7°47	12°29	18° 5	17°19	29°42	14°38	T 21
F 22	6 2 14	0♑13'11	15°43	3°40	14°22	18°12	8° 9	9°25	1°57	7°47	12°28	17°55	17°16	29°48	14°39	F 22
S 23	6 6 11	1°14'20	29°10	2°19	15°38	18°56	8°23	9°30	1°54	7°47	12°27	17°48	17°13	29°55	14°41	S 23
S 24	6 10 8	2°15'29	12♓46	0°57	16°53	19°40	8°37	9°35	1°52	7°47	12°27	17°45	17°10	0♏ 2	14°43	S 24
M25	6 14 4	3°16'39	26°33	29♐36	18° 8	20°24	8°50	9°41	1°49	7°48	12°26	17°43	17° 7	0° 8	14°44	M25
T 26	6 18 1	4°17'48	10♈31	28°18	19°24	21° 9	9° 4	9°46	1°47	7°48	12°25	17°43	17° 3	0°15	14°46	T 26
W27	6 21 57	5°18'56	24°39	27° 7	20°39	21°53	9°18	9°51	1°44	7°48	12°25	17°43	17° 0	0°22	14°48	W27
T 28	6 25 54	6°20'05	8♉57	26° 3	21°54	22°37	9°32	9°56	1°41	7°48	12°24	17°42	16°57	0°28	14°50	T 28
F 29	6 29 50	7°21'14	23°23	25° 9	23°10	23°21	9°46	10° 1	1°39	7°49	12°24	17°38	16°54	0°35	14°51	F 29
S 30	6 33 47	8°22'23	7♊53	24°24	24°25	24° 6	10° 0	10° 6	1°36	7°49	12°23	17°31	16°51	0°42	14°53	S 30
S 31	6 37 43	9♑23'32	22♊21	23♐50	25♐41	24♐50	10♑14	10♏11	1♋34	7♈49	12♉22	17♎21	16♎48	0♏48	14♓55	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s48	14n 5	2s 6	25s50	2s23	15s57	1n19	20s58	0s12	23s23	0n 1	11s50	2n15	23n41	0n15	1n42	1s33	0n28	15s56	7s52	7s13	9s49	1s53	4n39
S 2	21 57	16 48	3 14	25 48	2 21	16 19	1 17	21 7	0 13	23 23	0 1	11 52	2 15	23 41	0 15	1 42	1 33	0 28	15 56	7 50	7 11	9 51	1 53	4 39
S 3	22 5	18 22	4 9	25 45	2 18	16 41	1 16	21 15	0 14	23 23	0 1	11 54	2 15	23 41	0 15	1 41	1 33	0 28	15 56	7 47	7 10	9 52	1 53	4 39
M 4	22 14	18 41	4 46	25 40	2 14	17 2	1 14	21 24	0 14	23 22	0 1	11 56	2 15	23 41	0 15	1 41	1 33	0 27	15 55	7 44	7 9	9 54	1 53	4 38
T 5	22 22	17 47	5 4	25 34	2 10	17 23	1 12	21 32	0 15	23 22	0 1	11 58	2 15	23 41	0 15	1 41	1 33	0 27	15 55	7 41	7 8	9 56	1 53	4 38
W 6	22 29	15 51	5 4	25 26	2 4	17 43	1 10	21 40	0 16	23 22	0 1	12 0	2 15	23 41	0 15	1 41	1 33	0 27	15 55	7 38	7 7	9 57	1 53	4 38
T 7	22 36	13 6	4 47	25 17	1 58	18 3	1 8	21 48	0 16	23 21	0 1	12 2	2 16	23 41	0 15	1 41	1 33	0 27	15 55	7 35	7 5	9 59	1 53	4 37
F 8	22 43	9 48	4 15	25 7	1 50	18 23	1 6	21 56	0 17	23 21	0 1	12 3	2 16	23 41	0 15	1 41	1 33	0 27	15 55	7 33	7 4	10 0	1 53	4 37
S 9	22 49	6 9	3 32	24 56	1 41	18 42	1 4	22 3	0 17	23 21	0 1	12 5	2 16	23 41	0 15	1 41	1 33	0 27	15 54	7 32	7 3	10 2	1 53	4 37
S 10	22 55	2 20	2 40	24 44	1 31	19 0	1 2	22 11	0 18	23 20	0 1	12 7	2 16	23 41	0 15	1 40	1 33	0 27	15 54	7 32	7 2	10 3	1 53	4 36
M11	23 0	1s31	1 42	24 30	1 20	19 18	1 0	22 18	0 19	23 20	0 0	12 9	2 16	23 41	0 15	1 40	1 33	0 27	15 54	7 32	7 0	10 5	1 53	4 36
T 12	23 5	5 15	0 40	24 16	1 8	19 35	0 58	22 24	0 19	23 19	0 0	12 11	2 16	23 41	0 15	1 40	1 33	0 27	15 54	7 32	6 59	10 6	1 53	4 36
W13	23 9	8 47	0n23	24 1	0 54	19 52	0 56	22 31	0 20	23 19	0 0	12 13	2 16	23 41	0 15	1 40	1 33	0 27	15 54	7 32	6 58	10 8	1 53	4 35
T 14	23 13	11 58	1 25	23 46	0 39	20 8	0 54	22 38	0 20	23 18	0 0	12 14	2 16	23 41	0 15	1 40	1 33	0 27	15 53	7 32	6 57	10 9	1 53	4 35
F 15	23 16	14 41	2 23	23 30	0 22	20 24	0 52	22 44	0 21	23 18	0 0	12 16	2 17	23 42	0 15	1 40	1 33	0 27	15 53	7 30	6 56	10 11	1 53	4 35
S 16	23 19	16 48	3 16	23 13	0 5	20 39	0 49	22 50	0 22	23 17	0s 0	12 18	2 17	23 42	0 15	1 40	1 33	0 27	15 53	7 28	6 54	10 13	1 53	4 34
S 17	23 22	18 11	4 1	22 57	0n14	20 54	0 47	22 55	0 22	23 16	0 0	12 20	2 17	23 42	0 15	1 40	1 33	0 27	15 53	7 24	6 53	10 14	1 52	4 34
M18	23 24	18 44	4 35	22 40	0 33	21 8	0 45	23 1	0 23	23 16	0 0	12 21	2 17	23 42	0 15	1 40	1 33	0 27	15 52	7 20	6 52	10 16	1 52	4 34
T 19	23 25	18 22	4 55	22 23	0 53	21 21	0 43	23 6	0 23	23 15	0 0	12 23	2 17	23 42	0 16	1 40	1 33	0 27	15 52	7 15	6 51	10 17	1 52	4 33
W20	23 26	17 4	5 2	22 6	1 13	21 34	0 40	23 11	0 24	23 14	0 0	12 24	2 17	23 42	0 16	1 40	1 33	0 27	15 52	7 10	6 50	10 19	1 52	4 33
T 21	23 27	14 52	4 53	21 49	1 33	21 46	0 38	23 16	0 25	23 14	0 1	12 26	2 18	23 42	0 16	1 40	1 33	0 27	15 52	7 6	6 48	10 20	1 51	4 33
F 22	23 27	11 52	4 28	21 33	1 52	21 57	0 35	23 21	0 25	23 13	0 1	12 28	2 18	23 42	0 16	1 40	1 32	0 27	15 51	7 2	6 47	10 22	1 51	4 33
S 23	23 27	8 13	3 48	21 17	2 9	22 8	0 33	23 25	0 26	23 12	0 1	12 29	2 18	23 42	0 16	1 41	1 32	0 27	15 51	6 59	6 46	10 23	1 51	4 32
S 24	23 26	4 5	2 54	21 2	2 25	22 18	0 31	23 29	0 26	23 11	0 1	12 31	2 18	23 42	0 16	1 41	1 32	0 27	15 51	6 58	6 45	10 25	1 51	4 32
M25	23 25	0n18	1 50	20 49	2 38	22 27	0 28	23 33	0 27	23 10	0 1	12 32	2 18	23 42	0 16	1 41	1 32	0 27	15 50	6 57	6 43	10 26	1 50	4 32
T 26	23 23	4 45	0 38	20 37	2 50	22 36	0 26	23 37	0 28	23 10	0 1	12 34	2 18	23 42	0 16	1 41	1 32	0 27	15 50	6 57	6 42	10 28	1 50	4 31
W27	23 21	8 59	0s37	20 27	2 58	22 44	0 23	23 41	0 28	23 9	0 1	12 35	2 18	23 42	0 16	1 41	1 32	0 27	15 50	6 57	6 41	10 29	1 49	4 31
T 28	23 18	12 45	1 50	20 19	3 5	22 52	0 21	23 44	0 29	23 8	0 1	12 37	2 19	23 42	0 16	1 41	1 32	0 28	15 50	6 57	6 40	10 31	1 49	4 31
F 29	23 15	15 47	2 57	20 13	3 9	22 58	0 18	23 47	0 29	23 7	0 1	12 38	2 19	23 42	0 16	1 41	1 32	0 28	15 49	6 55	6 39	10 32	1 49	4 30
S 30	23 11	17 49	3 52	20 10	3 10	23 4	0 16	23 49	0 30	23 6	0 1	12 39	2 19	23 42	0 16	1 42	1 32	0 28	15 49	6 53	6 37	10 34	1 48	4 30
S 31	23s 7	18n42	4s33	20s 9	3n10	23s10	0n13	23s52	0s31	23s 5	0s 2	12s41	2n19	23n42	0n16	1n42	1s32	0n28	15s49	6s49	6s36	10s35	1s48	4n30

Julian Day Number = 2402571.5, Delta T = 7.43 sec
Ecliptic obliquity = 23°27'15, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°52'04, Lahiri = 21°59'05

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1866
geocentric

JANUARY 1866 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 41 40	10♑24'40	6♋41	23°R26	26♐56	25♐35	10♑28	10♏16	1°R31	7♈50	12°R22	17°R10	16♎44	0♏55	14♓57	M 1
T 2	6 45 37	11°25'49	20°46	23♐13	28°11	26°19	10°42	10°20	1♋29	7°50	12♉21	16♎57	16°41	1° 2	14°59	T 2
W 3	6 49 33	12°26'57	4♌32	23°D 9	29°27	27° 4	10°56	10°25	1°26	7°51	12°21	16°44	16°38	1° 8	15° 1	W 3
T 4	6 53 30	13°28'06	17°54	23°14	0♑42	27°48	11° 9	10°29	1°24	7°51	12°20	16°33	16°35	1°15	15° 4	T 4
F 5	6 57 26	14°29'15	0♍53	23°27	1°57	28°33	11°23	10°34	1°21	7°52	12°20	16°25	16°32	1°21	15° 6	F 5
S 6	7 1 23	15°30'23	13°29	23°48	3°13	29°18	11°37	10°38	1°19	7°53	12°20	16°19	16°28	1°28	15° 8	S 6
S 7	7 5 19	16°31'32	25°45	24°16	4°28	0♑ 2	11°51	10°43	1°16	7°53	12°19	16°16	16°25	1°35	15°10	S 7
M 8	7 9 16	17°32'41	7♎47	24°50	5°44	0°47	12° 5	10°47	1°14	7°54	12°19	16°15	16°22	1°41	15°13	M 8
T 9	7 13 12	18°33'49	19°38	25°29	6°59	1°32	12°19	10°51	1°11	7°55	12°18	16°15	16°19	1°48	15°15	T 9
W10	7 17 9	19°34'58	1♏26	26°14	8°14	2°17	12°33	10°55	1° 9	7°55	12°18	16°15	16°16	1°55	15°18	W10
T 11	7 21 6	20°36'07	13°15	27° 3	9°30	3° 2	12°47	10°59	1° 6	7°56	12°18	16°13	16°13	2° 1	15°20	T 11
F 12	7 25 2	21°37'15	25°10	27°56	10°45	3°47	13° 1	11° 3	1° 4	7°57	12°17	16° 9	16° 9	2° 8	15°23	F 12
S 13	7 28 59	22°38'24	7♐17	28°53	12° 1	4°32	13°14	11° 7	1° 2	7°58	12°17	16° 3	16° 6	2°15	15°25	S 13
S 14	7 32 55	23°39'32	19°38	29°53	13°16	5°17	13°28	11°10	0°59	7°59	12°17	15°53	16° 3	2°21	15°28	S 14
M15	7 36 52	24°40'40	2♑17	0♑56	14°31	6° 2	13°42	11°14	0°57	7°59	12°17	15°41	16° 0	2°28	15°30	M15
T 16	7 40 48	25°41'47	15°14	2° 1	15°47	6°47	13°56	11°17	0°55	8° 0	12°16	15°28	15°57	2°35	15°33	T 16
W17	7 44 45	26°42'54	28°27	3° 9	17° 2	7°32	14°10	11°21	0°53	8° 1	12°16	15°14	15°54	2°41	15°36	W17
T 18	7 48 41	27°44'00	11♒56	4°19	18°18	8°17	14°23	11°24	0°50	8° 2	12°16	15° 2	15°50	2°48	15°39	T 18
F 19	7 52 38	28°45'06	25°37	5°31	19°33	9° 2	14°37	11°27	0°48	8° 3	12°16	14°52	15°47	2°55	15°41	F 19
S 20	7 56 35	29°46'11	9♓27	6°45	20°48	9°48	14°51	11°31	0°46	8° 4	12°16	14°44	15°44	3° 1	15°44	S 20
S 21	8 0 31	0♒47'14	23°24	8° 1	22° 4	10°33	15° 4	11°34	0°44	8° 6	12°15	14°40	15°41	3° 8	15°47	S 21
M22	8 4 28	1°48'17	7♈24	9°18	23°19	11°18	15°18	11°37	0°42	8° 7	12°15	14°39	15°38	3°15	15°50	M22
T 23	8 8 24	2°49'19	21°27	10°36	24°34	12° 4	15°32	11°40	0°40	8° 8	12°15	14°D38	15°34	3°21	15°53	T 23
W24	8 12 21	3°50'19	5♉32	11°55	25°50	12°49	15°45	11°42	0°37	8° 9	12°15	14°R39	15°31	3°28	15°56	W24
T 25	8 16 17	4°51'19	19°37	13°16	27° 5	13°34	15°59	11°45	0°35	8°10	12°15	14°38	15°28	3°34	15°59	T 25
F 26	8 20 14	5°52'17	3♊43	14°38	28°20	14°20	16°12	11°48	0°33	8°12	12°D15	14°35	15°25	3°41	16° 2	F 26
S 27	8 24 10	6°53'14	17°47	16° 1	29°36	15° 5	16°26	11°50	0°32	8°13	12°15	14°29	15°22	3°48	16° 5	S 27
S 28	8 28 7	7°54'10	1♋47	17°25	0♒51	15°51	16°39	11°53	0°30	8°14	12°15	14°21	15°19	3°54	16° 8	S 28
M29	8 32 4	8°55'05	15°39	18°50	2° 6	16°36	16°53	11°55	0°28	8°15	12°15	14°11	15°15	4° 1	16°11	M29
T 30	8 36 0	9°55'59	29°19	20°16	3°22	17°22	17° 6	11°57	0°26	8°17	12°15	13°59	15°12	4° 8	16°14	T 30
W31	8 39 57	10♒56'51	12♌45	21♑43	4♒37	18♑ 8	17♑20	11♏59	0♋24	8♈18	12♉15	13♎48	15♎ 9	4♏14	16♓18	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 3	18n22	4s56	20s10	3n 8	23s14	0n11	23s54	0s31	23s 4	0s 2	12s42	2n19	23n42	0n16	1n42	1s32	0n28	15s48	6s45	6s35	10s37	1s47	4n30
T 2	22 58	16 54	5 0	20 13	3 4	23 18	0 8	23 56	0 32	23 3	0 2	12 43	2 20	23 42	0 16	1 42	1 32	0 28	15 48	6 40	6 34	10 38	1 47	4 29
W 3	22 52	14 30	4 46	20 17	3 0	23 21	0 6	23 58	0 32	23 2	0 2	12 44	2 20	23 42	0 16	1 42	1 32	0 28	15 48	6 35	6 33	10 40	1 46	4 29
T 4	22 46	11 23	4 17	20 23	2 54	23 24	0 3	23 59	0 33	23 1	0 2	12 46	2 20	23 42	0 16	1 43	1 32	0 29	15 48	6 31	6 31	10 41	1 45	4 29
F 5	22 40	7 48	3 36	20 31	2 47	23 25	0 1	24 0	0 34	23 0	0 2	12 47	2 20	23 42	0 16	1 43	1 32	0 29	15 47	6 28	6 30	10 43	1 45	4 28
S 6	22 33	3 58	2 44	20 39	2 39	23 26	0s 2	24 1	0 34	22 59	0 2	12 48	2 20	23 43	0 16	1 43	1 32	0 29	15 47	6 25	6 29	10 44	1 44	4 28
S 7	22 26	0 4	1 46	20 49	2 31	23 27	0 4	24 2	0 35	22 58	0 2	12 49	2 20	23 43	0 16	1 44	1 32	0 29	15 47	6 24	6 28	10 46	1 44	4 28
M 8	22 18	3s46	0 45	20 59	2 23	23 26	0 6	24 3	0 35	22 57	0 2	12 50	2 21	23 43	0 16	1 44	1 32	0 29	15 46	6 24	6 26	10 47	1 43	4 28
T 9	22 10	7 25	0n18	21 9	2 14	23 25	0 9	24 3	0 36	22 55	0 2	12 51	2 21	23 43	0 16	1 44	1 32	0 29	15 46	6 24	6 25	10 49	1 42	4 27
W10	22 1	10 44	1 20	21 19	2 5	23 23	0 11	24 3	0 37	22 54	0 2	12 52	2 21	23 43	0 16	1 45	1 32	0 30	15 46	6 24	6 24	10 50	1 42	4 27
T 11	21 52	13 38	2 18	21 30	1 55	23 21	0 14	24 2	0 37	22 53	0 3	12 53	2 21	23 43	0 16	1 45	1 32	0 30	15 45	6 23	6 23	10 52	1 41	4 27
F 12	21 43	15 59	3 11	21 40	1 46	23 17	0 16	24 2	0 38	22 52	0 3	12 54	2 22	23 43	0 16	1 45	1 31	0 30	15 45	6 21	6 22	10 53	1 40	4 27
S 13	21 33	17 40	3 55	21 50	1 36	23 13	0 19	24 1	0 38	22 50	0 3	12 55	2 22	23 43	0 16	1 46	1 31	0 30	15 45	6 19	6 20	10 55	1 39	4 26
S 14	21 23	18 34	4 30	22 0	1 27	23 8	0 21	24 0	0 39	22 49	0 3	12 56	2 22	23 43	0 16	1 46	1 31	0 31	15 44	6 15	6 19	10 56	1 39	4 26
M15	21 12	18 34	4 53	22 10	1 17	23 3	0 23	23 59	0 40	22 48	0 3	12 57	2 22	23 43	0 16	1 46	1 31	0 31	15 44	6 11	6 18	10 58	1 38	4 26
T 16	21 1	17 36	5 1	22 18	1 8	22 57	0 26	23 57	0 40	22 47	0 3	12 58	2 22	23 43	0 16	1 47	1 31	0 31	15 44	6 5	6 17	10 59	1 37	4 26
W17	20 50	15 42	4 53	22 26	0 59	22 50	0 28	23 55	0 41	22 45	0 3	12 59	2 23	23 43	0 16	1 47	1 31	0 31	15 43	6 0	6 15	11 1	1 36	4 25
T 18	20 38	12 55	4 29	22 34	0 49	22 42	0 30	23 53	0 41	22 44	0 3	13 0	2 23	23 43	0 16	1 48	1 31	0 32	15 43	5 55	6 14	11 2	1 35	4 25
F 19	20 25	9 24	3 49	22 40	0 40	22 34	0 32	23 51	0 42	22 42	0 3	13 1	2 23	23 43	0 16	1 48	1 31	0 32	15 43	5 52	6 13	11 4	1 35	4 25
S 20	20 13	5 20	2 55	22 46	0 31	22 25	0 35	23 48	0 42	22 41	0 3	13 1	2 23	23 43	0 16	1 49	1 31	0 32	15 42	5 49	6 12	11 5	1 34	4 25
S 21	20 0	0 56	1 50	22 50	0 23	22 15	0 37	23 45	0 43	22 40	0 4	13 2	2 23	23 43	0 16	1 49	1 31	0 32	15 42	5 47	6 11	11 7	1 33	4 24
M22	19 46	3n32	0 38	22 54	0 14	22 5	0 39	23 42	0 44	22 38	0 4	13 3	2 24	23 43	0 16	1 50	1 31	0 33	15 42	5 46	6 9	11 8	1 32	4 24
T 23	19 32	7 49	0s36	22 56	0 5	21 54	0 41	23 38	0 44	22 37	0 4	13 4	2 24	23 43	0 16	1 50	1 31	0 33	15 41	5 46	6 8	11 10	1 31	4 24
W24	19 18	11 40	1 49	22 58	0s 3	21 42	0 43	23 35	0 45	22 35	0 4	13 4	2 24	23 43	0 16	1 51	1 31	0 33	15 41	5 47	6 7	11 11	1 30	4 24
T 25	19 4	14 51	2 55	22 58	0 11	21 30	0 45	23 31	0 45	22 34	0 4	13 5	2 24	23 43	0 16	1 51	1 31	0 34	15 41	5 46	6 6	11 12	1 29	4 23
F 26	18 49	17 9	3 50	22 58	0 19	21 17	0 47	23 27	0 46	22 32	0 4	13 5	2 25	23 43	0 16	1 52	1 31	0 34	15 40	5 45	6 4	11 14	1 28	4 23
S 27	18 34	18 24	4 31	22 56	0 27	21 3	0 49	23 22	0 46	22 31	0 4	13 6	2 25	23 43	0 16	1 52	1 31	0 34	15 40	5 43	6 3	11 15	1 27	4 23
S 28	18 18	18 31	4 56	22 53	0 34	20 49	0 51	23 17	0 47	22 29	0 4	13 6	2 25	23 43	0 16	1 53	1 31	0 35	15 40	5 40	6 2	11 17	1 26	4 23
M29	18 2	17 31	5 3	22 49	0 41	20 34	0 53	23 12	0 48	22 28	0 4	13 7	2 25	23 43	0 16	1 53	1 31	0 35	15 39	5 36	6 1	11 18	1 25	4 23
T 30	17 46	15 32	4 52	22 43	0 48	20 18	0 55	23 7	0 48	22 26	0 4	13 7	2 25	23 43	0 16	1 54	1 31	0 35	15 39	5 31	5 59	11 20	1 24	4 22
W31	17s30	12n44	4s26	22s36	0s55	20s 2	0s57	23s 2	0s49	22s24	0s 5	13s 8	2n26	23n43	0n16	1n54	1s31	0n36	15s39	5s27	5s58	11s21	1s23	4n22

Julian Day Number = 2402602.5, Delta T = 7.35 sec
Ecliptic obliquity = 23°27'15, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°52'09, Lahiri = 21°59'09

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ASTRODIENST EPHEMERIS for the year 1866
geocentric

FEBRUARY 1866 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 43 53	11♒57'42	25♌53	23♑10	5♒52	18♑53	17♑33	12♏ 1	0°R22	8♈20	12♉16	13°R38	15♎ 6	4♏21	16♓21	T 1
F 2	8 47 50	12°58'33	8♍43	24°39	7° 7	19°39	17°46	12° 3	0♋21	8°21	12°16	13♎31	15° 3	4°28	16°24	F 2
S 3	8 51 46	13°59'22	21°14	26° 8	8°23	20°25	18° 0	12° 5	0°19	8°23	12°16	13°26	15° 0	4°34	16°27	S 3
S 4	8 55 43	15° 0'10	3♎29	27°38	9°38	21°11	18°13	12° 7	0°17	8°24	12°16	13°23	14°56	4°41	16°31	S 4
M 5	8 59 39	16° 0'57	15°31	29° 9	10°53	21°56	18°26	12° 8	0°16	8°26	12°16	13°D22	14°53	4°48	16°34	M 5
T 6	9 3 36	17° 1'44	27°23	0♒41	12° 8	22°42	18°39	12°10	0°14	8°27	12°17	13°23	14°50	4°54	16°37	T 6
W 7	9 7 33	18° 2'29	9♏11	2°14	13°24	23°28	18°52	12°11	0°13	8°29	12°17	13°24	14°47	5° 1	16°41	W 7
T 8	9 11 29	19° 3'13	21° 1	3°47	14°39	24°14	19° 5	12°12	0°11	8°30	12°17	13°R25	14°44	5° 8	16°44	T 8
F 9	9 15 26	20° 3'56	2♐57	5°21	15°54	25° 0	19°18	12°14	0°10	8°32	12°17	13°23	14°40	5°14	16°48	F 9
S 10	9 19 22	21° 4'38	15° 5	6°56	17° 9	25°46	19°31	12°15	0° 8	8°34	12°18	13°20	14°37	5°21	16°51	S 10
S 11	9 23 19	22° 5'19	27°29	8°32	18°25	26°32	19°44	12°16	0° 7	8°35	12°18	13°15	14°34	5°28	16°55	S 11
M12	9 27 15	23° 5'59	10♑13	10° 9	19°40	27°18	19°57	12°16	0° 6	8°37	12°18	13° 8	14°31	5°34	16°58	M12
T 13	9 31 12	24° 6'38	23°19	11°47	20°55	28° 4	20° 9	12°17	0° 5	8°39	12°19	13° 0	14°28	5°41	17° 2	T 13
W14	9 35 8	25° 7'15	6♒47	13°25	22°10	28°50	20°22	12°18	0° 3	8°40	12°19	12°51	14°25	5°48	17° 5	W14
T 15	9 39 5	26° 7'51	20°36	15° 4	23°25	29°36	20°35	12°19	0° 2	8°42	12°20	12°43	14°21	5°54	17° 9	T 15
F 16	9 43 2	27° 8'25	4♓41	16°44	24°40	0♒22	20°47	12°19	0° 1	8°44	12°20	12°36	14°18	6° 1	17°12	F 16
S 17	9 46 58	28° 8'58	18°58	18°26	25°56	1° 8	21° 0	12°19	0° 0	8°46	12°20	12°32	14°15	6° 8	17°16	S 17
S 18	9 50 55	29° 9'29	3♈22	20° 8	27°11	1°54	21°12	12°20	29♊59	8°48	12°21	12°30	14°12	6°14	17°20	S 18
M19	9 54 51	0♓ 9'58	17°47	21°51	28°26	2°41	21°25	12°20	29°58	8°50	12°21	12°D29	14° 9	6°21	17°23	M19
T 20	9 58 48	1°10'25	2♉10	23°34	29°41	3°27	21°37	12°R20	29°57	8°51	12°22	12°30	14° 6	6°27	17°27	T 20
W21	10 2 44	2°10'51	16°26	25°19	0♓56	4°13	21°49	12°20	29°56	8°53	12°23	12°32	14° 2	6°34	17°30	W21
T 22	10 6 41	3°11'14	0♊35	27° 5	2°11	4°59	22° 1	12°20	29°56	8°55	12°23	12°R33	13°59	6°41	17°34	T 22
F 23	10 10 37	4°11'36	14°34	28°52	3°26	5°45	22°13	12°19	29°55	8°57	12°24	12°32	13°56	6°47	17°38	F 23
S 24	10 14 34	5°11'56	28°23	0♓40	4°41	6°32	22°25	12°19	29°54	8°59	12°24	12°30	13°53	6°54	17°42	S 24
S 25	10 18 31	6°12'13	12♋ 1	2°28	5°56	7°18	22°37	12°18	29°54	9° 1	12°25	12°26	13°50	7° 1	17°45	S 25
M26	10 22 27	7°12'29	25°27	4°18	7°11	8° 4	22°49	12°18	29°53	9° 3	12°26	12°21	13°46	7° 7	17°49	M26
T 27	10 26 24	8°12'42	8♌41	6° 9	8°26	8°51	23° 1	12°17	29°53	9° 5	12°26	12°15	13°43	7°14	17°53	T 27
W28	10 30 20	9♓12'54	21♌42	8♓ 0	9♓41	9♒37	23♑13	12♏16	29♊52	9♈ 7	12♉27	12♎ 9	13♎40	7♏21	17♓56	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s13	9n22	3s45	22s28	1s 1	19s46	0s59	22s56	0s49	22s23	0s 5	13s 8	2n26	23n43	0n16	1n55	1s31	0n36	15s38	5s23	5s57	11s23	1s22	4n22
F 2	16 56	5 37	2 54	22 19	1 8	19 28	1 0	22 50	0 50	22 21	0 5	13 8	2 26	23 43	0 16	1 56	1 31	0 36	15 38	5 20	5 56	11 24	1 21	4 22
S 3	16 38	1 42	1 56	22 8	1 14	19 11	1 2	22 44	0 50	22 19	0 5	13 9	2 26	23 43	0 16	1 56	1 31	0 37	15 37	5 18	5 55	11 25	1 20	4 22
S 4	16 21	2s12	0 53	21 57	1 19	18 52	1 4	22 37	0 51	22 18	0 5	13 9	2 27	23 43	0 16	1 57	1 31	0 37	15 37	5 17	5 53	11 27	1 19	4 21
M 5	16 3	5 56	0n11	21 43	1 25	18 33	1 5	22 31	0 51	22 16	0 5	13 9	2 27	23 43	0 16	1 57	1 30	0 38	15 37	5 17	5 52	11 28	1 18	4 21
T 6	15 44	9 23	1 15	21 29	1 30	18 14	1 7	22 24	0 52	22 14	0 5	13 10	2 27	23 43	0 16	1 58	1 30	0 38	15 36	5 17	5 51	11 30	1 16	4 21
W 7	15 26	12 27	2 14	21 13	1 35	17 54	1 8	22 16	0 52	22 13	0 5	13 10	2 27	23 43	0 16	1 59	1 30	0 38	15 36	5 18	5 50	11 31	1 15	4 21
T 8	15 7	15 0	3 8	20 55	1 39	17 33	1 10	22 9	0 53	22 11	0 5	13 10	2 28	23 43	0 16	1 59	1 30	0 39	15 36	5 18	5 48	11 33	1 14	4 21
F 9	14 48	16 55	3 55	20 37	1 43	17 12	1 11	22 1	0 53	22 9	0 5	13 10	2 28	23 43	0 16	2 0	1 30	0 39	15 35	5 17	5 47	11 34	1 13	4 21
S 10	14 29	18 8	4 31	20 17	1 47	16 51	1 12	21 53	0 54	22 8	0 6	13 10	2 28	23 43	0 16	2 1	1 30	0 40	15 35	5 16	5 46	11 36	1 12	4 20
S 11	14 9	18 30	4 56	19 55	1 51	16 29	1 13	21 45	0 55	22 6	0 6	13 10	2 28	23 43	0 16	2 1	1 30	0 40	15 35	5 14	5 45	11 37	1 11	4 20
M12	13 50	17 57	5 7	19 33	1 54	16 7	1 15	21 37	0 55	22 4	0 6	13 10	2 29	23 43	0 16	2 2	1 30	0 40	15 34	5 11	5 44	11 38	1 9	4 20
T 13	13 30	16 28	5 3	19 8	1 57	15 44	1 16	21 28	0 56	22 2	0 6	13 10	2 29	23 43	0 16	2 3	1 30	0 41	15 34	5 8	5 42	11 40	1 8	4 20
W14	13 9	14 3	4 41	18 43	2 0	15 21	1 17	21 19	0 56	22 0	0 6	13 10	2 29	23 43	0 16	2 4	1 30	0 41	15 34	5 5	5 41	11 41	1 7	4 20
T 15	12 49	10 47	4 3	18 16	2 2	14 57	1 18	21 10	0 57	21 59	0 6	13 10	2 29	23 43	0 16	2 4	1 30	0 42	15 33	5 1	5 40	11 43	1 6	4 20
F 16	12 28	6 51	3 10	17 47	2 4	14 33	1 19	21 1	0 57	21 57	0 6	13 10	2 29	23 43	0 16	2 5	1 30	0 42	15 33	4 59	5 39	11 44	1 4	4 19
S 17	12 7	2 28	2 4	17 18	2 5	14 8	1 20	20 51	0 58	21 55	0 6	13 10	2 30	23 43	0 16	2 6	1 30	0 43	15 33	4 57	5 37	11 45	1 3	4 19
S 18	11 46	2n 6	0 49	16 46	2 6	13 43	1 21	20 41	0 58	21 53	0 6	13 10	2 30	23 43	0 16	2 7	1 30	0 43	15 32	4 56	5 36	11 47	1 2	4 19
M19	11 25	6 32	0s29	16 14	2 7	13 18	1 21	20 31	0 59	21 51	0 7	13 10	2 30	23 43	0 16	2 7	1 30	0 44	15 32	4 56	5 35	11 48	1 1	4 19
T 20	11 4	10 35	1 45	15 40	2 7	12 52	1 22	20 21	0 59	21 50	0 7	13 9	2 30	23 43	0 16	2 8	1 30	0 44	15 32	4 57	5 34	11 50	0 59	4 19
W21	10 42	13 59	2 54	15 5	2 7	12 26	1 23	20 11	0 59	21 48	0 7	13 9	2 31	23 43	0 16	2 9	1 30	0 45	15 31	4 57	5 32	11 51	0 58	4 19
T 22	10 21	16 30	3 52	14 28	2 6	12 0	1 24	20 0	1 0	21 46	0 7	13 9	2 31	23 43	0 16	2 10	1 30	0 45	15 31	4 57	5 31	11 52	0 57	4 19
F 23	9 59	18 0	4 35	13 50	2 5	11 33	1 24	19 49	1 0	21 44	0 7	13 9	2 31	23 43	0 16	2 10	1 30	0 45	15 31	4 57	5 30	11 54	0 55	4 19
S 24	9 37	18 25	5 2	13 10	2 3	11 7	1 25	19 38	1 1	21 42	0 7	13 8	2 31	23 43	0 16	2 11	1 30	0 46	15 30	4 56	5 29	11 55	0 54	4 18
S 25	9 14	17 45	5 11	12 29	2 1	10 39	1 25	19 27	1 1	21 40	0 7	13 8	2 32	23 43	0 16	2 12	1 30	0 46	15 30	4 55	5 28	11 57	0 53	4 18
M26	8 52	16 6	5 3	11 47	1 59	10 12	1 25	19 15	1 2	21 39	0 7	13 8	2 32	23 43	0 16	2 13	1 30	0 47	15 30	4 53	5 26	11 58	0 51	4 18
T 27	8 30	13 37	4 39	11 3	1 55	9 44	1 26	19 4	1 2	21 37	0 7	13 7	2 32	23 43	0 16	2 14	1 30	0 47	15 30	4 51	5 25	11 59	0 50	4 18
W28	8s 7	10n29	4s 1	10s18	1s52	9s16	1s26	18s52	1s 3	21s35	0s 8	13s 7	2n32	23n43	0n16	2n14	1s30	0n48	15s29	4s48	5s24	12s 1	0s49	4n18

Julian Day Number = 2402633.5, Delta T = 7.26 sec
Ecliptic obliquity = 23°27'15, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°52'13, Lahiri = 21°59'13

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ASTRODIENST EPHEMERIS for the year 1866
geocentric

MARCH 1866 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 34 17	10♓13'04	4♍29	9♓53	10♓56	10♒23	23♑24	12°R15	29°R52	9♈ 9	12♉28	12°R 4	13♎37	7♏27	18♓ 0	T 1
F 2	10 38 13	11°13'12	17° 2	11°46	12°11	11°10	23°36	12♏14	29♊51	9°11	12°28	12♎ 0	13°34	7°34	18° 4	F 2
S 3	10 42 10	12°13'18	29°22	13°41	13°26	11°56	23°48	12°13	29°51	9°13	12°29	11°58	13°31	7°41	18° 8	S 3
S 4	10 46 6	13°13'22	11♎30	15°36	14°41	12°43	23°59	12°12	29°51	9°15	12°30	11°D57	13°27	7°47	18°11	S 4
M 5	10 50 3	14°13'24	23°28	17°32	15°56	13°29	24°10	12°11	29°50	9°17	12°31	11°58	13°24	7°54	18°15	M 5
T 6	10 53 59	15°13'25	5♏19	19°28	17°11	14°16	24°21	12°10	29°50	9°19	12°31	11°59	13°21	8° 1	18°19	T 6
W 7	10 57 56	16°13'24	17° 8	21°25	18°26	15° 2	24°33	12° 8	29°50	9°22	12°32	12° 1	13°18	8° 7	18°23	W 7
T 8	11 1 53	17°13'22	28°58	23°22	19°41	15°49	24°44	12° 6	29°D50	9°24	12°33	12° 3	13°15	8°14	18°26	T 8
F 9	11 5 49	18°13'18	10♐54	25°20	20°55	16°35	24°55	12° 5	29°50	9°26	12°34	12° 4	13°11	8°21	18°30	F 9
S 10	11 9 46	19°13'12	23° 0	27°17	22°10	17°22	25° 5	12° 3	29°50	9°28	12°35	12°R 4	13° 8	8°27	18°34	S 10
S 11	11 13 42	20°13'05	5♑23	29°14	23°25	18° 8	25°16	12° 1	29°50	9°30	12°36	12° 3	13° 5	8°34	18°38	S 11
M12	11 17 39	21°12'56	18° 5	1♈11	24°40	18°55	25°27	11°59	29°51	9°32	12°37	12° 1	13° 2	8°41	18°41	M12
T 13	11 21 35	22°12'45	1♒11	3° 7	25°55	19°41	25°37	11°57	29°51	9°34	12°37	11°59	12°59	8°47	18°45	T 13
W14	11 25 32	23°12'32	14°42	5° 1	27° 9	20°28	25°48	11°55	29°51	9°37	12°38	11°56	12°56	8°54	18°49	W14
T 15	11 29 28	24°12'18	28°38	6°54	28°24	21°14	25°58	11°53	29°51	9°39	12°39	11°54	12°52	9° 1	18°53	T 15
F 16	11 33 25	25°12'01	12♓57	8°45	29°39	22° 1	26° 8	11°50	29°52	9°41	12°40	11°52	12°49	9° 7	18°56	F 16
S 17	11 37 22	26°11'43	27°34	10°34	0♈54	22°48	26°19	11°48	29°52	9°43	12°41	11°50	12°46	9°14	19° 0	S 17
S 18	11 41 18	27°11'23	12♈22	12°20	2° 8	23°34	26°29	11°46	29°53	9°46	12°42	11°D50	12°43	9°21	19° 4	S 18
M19	11 45 15	28°11'00	27°13	14° 2	3°23	24°21	26°39	11°43	29°53	9°48	12°43	11°50	12°40	9°27	19° 7	M19
T 20	11 49 11	29°10'36	12♉ 2	15°40	4°38	25° 8	26°48	11°40	29°54	9°50	12°44	11°51	12°37	9°34	19°11	T 20
W21	11 53 8	0♈10'09	26°40	17°14	5°52	25°54	26°58	11°38	29°54	9°52	12°45	11°52	12°33	9°41	19°15	W21
T 22	11 57 4	1° 9'40	11♊ 4	18°44	7° 7	26°41	27° 8	11°35	29°55	9°54	12°46	11°53	12°30	9°47	19°19	T 22
F 23	12 1 1	2° 9'09	25°10	20° 8	8°21	27°27	27°17	11°32	29°56	9°57	12°47	11°53	12°27	9°54	19°22	F 23
S 24	12 4 57	3° 8'35	8♋57	21°27	9°36	28°14	27°27	11°29	29°57	9°59	12°48	11°R53	12°24	10° 1	19°26	S 24
S 25	12 8 54	4° 7'59	22°25	22°40	10°50	29° 1	27°36	11°26	29°58	10° 1	12°50	11°53	12°21	10° 7	19°30	S 25
M26	12 12 51	5° 7'21	5♌35	23°47	12° 5	29°47	27°45	11°23	29°59	10° 4	12°51	11°52	12°17	10°14	19°33	M26
T 27	12 16 47	6° 6'40	18°30	24°47	13°19	0♓34	27°54	11°19	29°59	10° 6	12°52	11°52	12°14	10°21	19°37	T 27
W28	12 20 44	7° 5'57	1♍ 9	25°41	14°34	1°20	28° 3	11°16	0♋ 1	10° 8	12°53	11°51	12°11	10°27	19°41	W28
T 29	12 24 40	8° 5'12	13°36	26°28	15°48	2° 7	28°11	11°13	0° 2	10°10	12°54	11°50	12° 8	10°34	19°44	T 29
F 30	12 28 37	9° 4'24	25°52	27° 8	17° 3	2°54	28°20	11° 9	0° 3	10°13	12°55	11°50	12° 5	10°41	19°48	F 30
S 31	12 32 33	10♈ 3'35	7♎59	27♈40	18♈17	3♓40	28♑29	11♏ 6	0♋ 4	10♈15	12♉56	11°D50	12♎ 2	10♏47	19♓51	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s45	6n55	3s11	9s32	1s48	8s48	1s26	18s40	1s 3	21s33	0s 8	13s 6	2n32	23n43	0n16	2n15	1s30	0n48	15s29	4s46	5s23	12s 2	0s47	4n18
F 2	7 22	3 6	2 12	8 44	1 43	8 19	1 26	18 27	1 4	21 31	0 8	13 6	2 33	23 43	0 16	2 16	1 30	0 49	15 29	4 45	5 21	12 4	0 46	4 18
S 3	6 59	0s48	1 9	7 56	1 38	7 50	1 26	18 15	1 4	21 29	0 8	13 5	2 33	23 43	0 16	2 17	1 30	0 49	15 28	4 44	5 20	12 5	0 44	4 18
S 4	6 36	4 35	0 3	7 6	1 32	7 22	1 26	18 2	1 4	21 27	0 8	13 5	2 33	23 43	0 16	2 18	1 30	0 50	15 28	4 44	5 19	12 6	0 43	4 18
M 5	6 13	8 9	1n 3	6 15	1 26	6 52	1 26	17 49	1 5	21 26	0 8	13 4	2 33	23 43	0 16	2 19	1 30	0 50	15 28	4 44	5 18	12 8	0 42	4 18
T 6	5 50	11 20	2 5	5 23	1 19	6 23	1 26	17 36	1 5	21 24	0 8	13 3	2 34	23 43	0 16	2 19	1 30	0 51	15 27	4 45	5 16	12 9	0 40	4 18
W 7	5 26	14 3	3 2	4 30	1 11	5 54	1 26	17 23	1 6	21 22	0 8	13 3	2 34	23 43	0 16	2 20	1 30	0 51	15 27	4 45	5 15	12 10	0 39	4 17
T 8	5 3	16 11	3 51	3 36	1 3	5 24	1 25	17 9	1 6	21 20	0 9	13 2	2 34	23 43	0 16	2 21	1 30	0 52	15 27	4 46	5 14	12 12	0 38	4 17
F 9	4 40	17 38	4 30	2 41	0 54	4 54	1 25	16 56	1 6	21 18	0 9	13 1	2 34	23 43	0 16	2 22	1 30	0 52	15 27	4 46	5 13	12 13	0 36	4 17
S 10	4 16	18 18	4 58	1 46	0 45	4 24	1 25	16 42	1 7	21 16	0 9	13 1	2 34	23 43	0 16	2 23	1 30	0 53	15 26	4 46	5 11	12 15	0 35	4 17
S 11	3 53	18 7	5 13	0 50	0 35	3 54	1 24	16 28	1 7	21 15	0 9	13 0	2 35	23 43	0 16	2 24	1 30	0 53	15 26	4 46	5 10	12 16	0 33	4 17
M12	3 29	17 3	5 14	0n 6	0 25	3 24	1 24	16 14	1 8	21 13	0 9	12 59	2 35	23 43	0 16	2 24	1 30	0 54	15 26	4 45	5 9	12 17	0 32	4 17
T 13	3 5	15 3	4 58	1 2	0 14	2 54	1 23	16 0	1 8	21 11	0 9	12 58	2 35	23 43	0 16	2 25	1 30	0 54	15 25	4 44	5 8	12 19	0 30	4 17
W14	2 42	12 12	4 26	1 57	0 3	2 24	1 22	15 45	1 8	21 9	0 9	12 57	2 35	23 43	0 16	2 26	1 30	0 55	15 25	4 43	5 6	12 20	0 29	4 17
T 15	2 18	8 34	3 37	2 53	0n 9	1 53	1 22	15 31	1 9	21 7	0 9	12 57	2 35	23 43	0 16	2 27	1 30	0 55	15 25	4 42	5 5	12 21	0 28	4 17
F 16	1 54	4 21	2 33	3 48	0 21	1 23	1 21	15 16	1 9	21 5	0 10	12 56	2 36	23 43	0 16	2 28	1 30	0 56	15 25	4 42	5 4	12 23	0 26	4 17
S 17	1 31	0n14	1 18	4 42	0 33	0 52	1 20	15 1	1 9	21 4	0 10	12 55	2 36	23 43	0 16	2 29	1 30	0 56	15 24	4 41	5 3	12 24	0 25	4 17
S 18	1 7	4 51	0s 3	5 35	0 46	0 22	1 19	14 46	1 10	21 2	0 10	12 54	2 36	23 43	0 16	2 30	1 30	0 57	15 24	4 41	5 2	12 25	0 23	4 17
M19	0 43	9 11	1 24	6 26	0 58	0n 9	1 18	14 31	1 10	21 0	0 10	12 53	2 36	23 43	0 16	2 31	1 30	0 58	15 24	4 41	5 0	12 27	0 22	4 17
T 20	0 20	12 55	2 40	7 16	1 11	0 40	1 17	14 16	1 10	20 58	0 10	12 52	2 36	23 43	0 16	2 31	1 30	0 58	15 24	4 41	4 59	12 28	0 21	4 17
W21	0n 4	15 47	3 44	8 4	1 23	1 10	1 16	14 0	1 11	20 57	0 10	12 51	2 36	23 43	0 16	2 32	1 30	0 59	15 23	4 42	4 58	12 29	0 19	4 17
T 22	0 28	17 37	4 33	8 49	1 36	1 41	1 15	13 45	1 11	20 55	0 10	12 50	2 37	23 43	0 16	2 33	1 30	0 59	15 23	4 42	4 57	12 31	0 18	4 17
F 23	0 51	18 18	5 4	9 32	1 48	2 11	1 14	13 29	1 11	20 53	0 10	12 49	2 37	23 43	0 16	2 34	1 30	1 0	15 23	4 42	4 55	12 32	0 16	4 17
S 24	1 15	17 53	5 17	10 13	2 0	2 42	1 13	13 13	1 12	20 52	0 11	12 48	2 37	23 43	0 16	2 35	1 30	1 0	15 23	4 42	4 54	12 33	0 15	4 17
S 25	1 39	16 27	5 12	10 51	2 11	3 12	1 11	12 57	1 12	20 50	0 11	12 47	2 37	23 43	0 16	2 36	1 30	1 1	15 23	4 42	4 53	12 35	0 13	4 17
M26	2 2	14 11	4 51	11 26	2 21	3 42	1 10	12 41	1 12	20 48	0 11	12 46	2 37	23 43	0 16	2 37	1 30	1 1	15 22	4 42	4 52	12 36	0 12	4 17
T 27	2 26	11 15	4 15	11 57	2 31	4 13	1 8	12 25	1 13	20 46	0 11	12 44	2 37	23 43	0 16	2 38	1 30	1 2	15 22	4 42	4 50	12 37	0 11	4 17
W28	2 49	7 50	3 27	12 25	2 41	4 43	1 7	12 8	1 13	20 45	0 11	12 43	2 38	23 43	0 16	2 39	1 30	1 2	15 22	4 41	4 49	12 39	0 9	4 17
T 29	3 13	4 8	2 31	12 50	2 49	5 13	1 5	11 52	1 13	20 43	0 11	12 42	2 38	23 43	0 16	2 39	1 30	1 3	15 22	4 41	4 48	12 40	0 8	4 17
F 30	3 36	0 18	1 28	13 11	2 56	5 43	1 4	11 35	1 13	20 42	0 11	12 41	2 38	23 43	0 16	2 40	1 30	1 3	15 22	4 41	4 47	12 41	0 6	4 17
S 31	3n59	3s30	0s21	13n29	3n 2	6n13	1s 2	11s19	1s14	20s40	0s12	12s40	2n38	23n43	0n16	2n41	1s30	1n 4	15s21	4s41	4s45	12s43	0s 5	4n17

Julian Day Number = 2402661.5, Delta T = 7.17 sec
Ecliptic obliquity = 23°27'16, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°52'17, Lahiri = 21°59'17

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ASTRODIENST EPHEMERIS for the year 1866
geocentric

APRIL 1866 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 36 30	11♈ 2'43	19♎58	28♈ 6	19♈31	4♓27	28♑37	11°R 2	0♋ 5	10♈17	12♉57	11♎50	11♎58	10♏54	19♓55	S 1
M 2	12 40 26	12° 1'49	1♏51	28°24	20°46	5°14	28°45	10♏59	0° 6	10°19	12°59	11°R50	11°55	11° 0	19°58	M 2
T 3	12 44 23	13° 0'54	13°41	28°35	22° 0	6° 0	28°53	10°55	0° 8	10°22	13° 0	11°50	11°52	11° 7	20° 2	T 3
W 4	12 48 19	13°59'56	25°30	28°R39	23°14	6°47	29° 1	10°51	0° 9	10°24	13° 1	11°50	11°49	11°14	20° 5	W 4
T 5	12 52 16	14°58'57	7♐21	28°36	24°29	7°33	29° 9	10°47	0°10	10°26	13° 2	11°49	11°46	11°20	20° 9	T 5
F 6	12 56 13	15°57'56	19°18	28°27	25°43	8°20	29°17	10°43	0°12	10°28	13° 3	11°49	11°42	11°27	20°12	F 6
S 7	13 0 9	16°56'53	1♑24	28°12	26°57	9° 7	29°24	10°40	0°13	10°31	13° 5	11°49	11°39	11°34	20°16	S 7
S 8	13 4 6	17°55'49	13°45	27°50	28°11	9°53	29°32	10°36	0°15	10°33	13° 6	11°D48	11°36	11°40	20°19	S 8
M 9	13 8 2	18°54'42	26°23	27°24	29°26	10°40	29°39	10°32	0°17	10°35	13° 7	11°48	11°33	11°47	20°23	M 9
T 10	13 11 59	19°53'34	9♒23	26°53	0♉40	11°26	29°46	10°28	0°18	10°37	13° 8	11°49	11°30	11°54	20°26	T 10
W11	13 15 55	20°52'24	22°48	26°17	1°54	12°13	29°53	10°23	0°20	10°40	13°10	11°50	11°27	12° 0	20°29	W11
T 12	13 19 52	21°51'13	6♓40	25°39	3° 8	12°59	29°59	10°19	0°22	10°42	13°11	11°50	11°23	12° 7	20°33	T 12
F 13	13 23 48	22°49'59	20°58	24°58	4°22	13°46	0♒ 7	10°15	0°24	10°44	13°12	11°51	11°20	12°14	20°36	F 13
S 14	13 27 45	23°48'44	5♈39	24°15	5°36	14°32	0°13	10°11	0°25	10°46	13°14	11°R52	11°17	12°20	20°39	S 14
S 15	13 31 42	24°47'27	20°38	23°31	6°50	15°19	0°19	10° 7	0°27	10°49	13°15	11°52	11°14	12°27	20°43	S 15
M16	13 35 38	25°46'08	5♉47	22°48	8° 4	16° 5	0°26	10° 2	0°29	10°51	13°16	11°51	11°11	12°34	20°46	M16
T 17	13 39 35	26°44'47	20°56	22° 5	9°18	16°52	0°32	9°58	0°31	10°53	13°17	11°49	11° 8	12°40	20°49	T 17
W18	13 43 31	27°43'24	5♊55	21°23	10°32	17°38	0°38	9°54	0°33	10°55	13°19	11°48	11° 4	12°47	20°52	W18
T 19	13 47 28	28°41'59	20°38	20°44	11°46	18°25	0°43	9°49	0°35	10°57	13°20	11°46	11° 1	12°54	20°55	T 19
F 20	13 51 24	29°40'32	4♋59	20° 8	13° 0	19°11	0°49	9°45	0°37	11° 0	13°21	11°44	10°58	13° 0	20°58	F 20
S 21	13 55 21	0♉39'02	18°54	19°35	14°14	19°58	0°54	9°40	0°40	11° 2	13°23	11°43	10°55	13° 7	21° 2	S 21
S 22	13 59 17	1°37'30	2♌23	19° 5	15°28	20°44	1° 0	9°36	0°42	11° 4	13°24	11°D42	10°52	13°14	21° 5	S 22
M23	14 3 14	2°35'57	15°29	18°40	16°42	21°30	1° 5	9°31	0°44	11° 6	13°25	11°43	10°48	13°20	21° 8	M23
T 24	14 7 11	3°34'21	28°14	18°20	17°56	22°17	1°10	9°27	0°46	11° 8	13°27	11°44	10°45	13°27	21°11	T 24
W25	14 11 7	4°32'42	10♍41	18° 4	19°10	23° 3	1°14	9°22	0°49	11°10	13°28	11°45	10°42	13°34	21°14	W25
T 26	14 15 4	5°31'02	22°54	17°52	20°23	23°49	1°19	9°18	0°51	11°13	13°29	11°47	10°39	13°40	21°16	T 26
F 27	14 19 0	6°29'20	4♎58	17°46	21°37	24°35	1°23	9°13	0°53	11°15	13°31	11°48	10°36	13°47	21°19	F 27
S 28	14 22 57	7°27'36	16°54	17°D45	22°51	25°22	1°28	9° 9	0°56	11°17	13°32	11°R48	10°33	13°54	21°22	S 28
S 29	14 26 53	8°25'50	28°45	17°48	24° 5	26° 8	1°32	9° 4	0°58	11°19	13°33	11°47	10°29	14° 0	21°25	S 29
M30	14 30 50	9♉24'02	10♏35	17♈57	25♉18	26♓54	1♒36	9♏ 0	1♋ 1	11♈21	13♉35	11♎44	10♎26	14♏ 7	21♓28	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n22	7s 7	0n45	13n43	3n 7	6n43	1s 1	11s 2	1s14	20s38	0s12	12s39	2n38	23n43	0n16	2n42	1s30	1n 4	15s21	4s41	4s44	12s44	0s 3	4n17
M 2	4 46	10 25	1 49	13 53	3 11	7 12	0 59	10 45	1 14	20 37	0 12	12 37	2 38	23 43	0 16	2 43	1 30	1 5	15 21	4 41	4 43	12 45	0 2	4 17
T 3	5 9	13 17	2 48	14 0	3 14	7 42	0 57	10 28	1 14	20 35	0 12	12 36	2 38	23 43	0 16	2 44	1 30	1 5	15 21	4 41	4 42	12 47	0 1	4 17
W 4	5 32	15 35	3 40	14 2	3 15	8 11	0 55	10 11	1 15	20 34	0 12	12 35	2 38	23 43	0 16	2 45	1 30	1 6	15 21	4 41	4 40	12 48	0n 1	4 17
T 5	5 54	17 14	4 22	14 1	3 14	8 40	0 53	9 54	1 15	20 32	0 12	12 34	2 39	23 43	0 15	2 46	1 30	1 6	15 20	4 41	4 39	12 49	0 2	4 17
F 6	6 17	18 9	4 54	13 56	3 13	9 9	0 51	9 37	1 15	20 31	0 12	12 32	2 39	23 43	0 15	2 47	1 30	1 7	15 20	4 41	4 38	12 51	0 4	4 17
S 7	6 40	18 14	5 12	13 47	3 9	9 37	0 50	9 19	1 15	20 30	0 13	12 31	2 39	23 43	0 15	2 47	1 30	1 7	15 20	4 40	4 37	12 52	0 5	4 17
S 8	7 2	17 29	5 17	13 34	3 4	10 6	0 48	9 2	1 16	20 28	0 13	12 30	2 39	23 43	0 15	2 48	1 30	1 8	15 20	4 40	4 35	12 53	0 6	4 17
M 9	7 25	15 51	5 8	13 19	2 57	10 34	0 46	8 45	1 16	20 27	0 13	12 28	2 39	23 43	0 15	2 49	1 30	1 8	15 20	4 40	4 34	12 54	0 8	4 17
T 10	7 47	13 23	4 42	13 0	2 49	11 2	0 43	8 27	1 16	20 25	0 13	12 27	2 39	23 43	0 15	2 50	1 30	1 9	15 20	4 40	4 33	12 56	0 9	4 17
W11	8 9	10 8	4 0	12 38	2 40	11 30	0 41	8 9	1 16	20 24	0 13	12 26	2 39	23 43	0 15	2 51	1 30	1 9	15 19	4 41	4 32	12 57	0 10	4 17
T 12	8 31	6 14	3 3	12 14	2 29	11 57	0 39	7 52	1 16	20 23	0 13	12 24	2 39	23 43	0 15	2 52	1 30	1 10	15 19	4 41	4 31	12 58	0 12	4 17
F 13	8 53	1 51	1 53	11 47	2 16	12 24	0 37	7 34	1 16	20 22	0 13	12 23	2 39	23 43	0 15	2 53	1 30	1 10	15 19	4 41	4 29	13 0	0 13	4 17
S 14	9 15	2n46	0 34	11 19	2 3	12 51	0 35	7 16	1 17	20 20	0 14	12 21	2 39	23 43	0 15	2 53	1 30	1 11	15 19	4 42	4 28	13 1	0 15	4 18
S 15	9 36	7 19	0s48	10 49	1 49	13 18	0 33	6 58	1 17	20 19	0 14	12 20	2 39	23 43	0 15	2 54	1 30	1 11	15 19	4 42	4 27	13 2	0 16	4 18
M16	9 58	11 26	2 9	10 19	1 33	13 44	0 30	6 40	1 17	20 18	0 14	12 19	2 39	23 43	0 15	2 55	1 30	1 12	15 19	4 41	4 26	13 4	0 17	4 18
T 17	10 19	14 47	3 20	9 48	1 17	14 10	0 28	6 22	1 17	20 17	0 14	12 17	2 40	23 43	0 15	2 56	1 30	1 12	15 19	4 41	4 24	13 5	0 19	4 18
W18	10 40	17 6	4 17	9 17	1 1	14 35	0 26	6 4	1 17	20 16	0 14	12 16	2 40	23 43	0 15	2 57	1 30	1 13	15 19	4 40	4 23	13 6	0 20	4 18
T 19	11 1	18 13	4 55	8 47	0 44	15 0	0 23	5 46	1 17	20 15	0 14	12 14	2 40	23 43	0 15	2 58	1 30	1 13	15 18	4 39	4 22	13 7	0 21	4 18
F 20	11 22	18 8	5 14	8 17	0 27	15 25	0 21	5 28	1 17	20 13	0 15	12 13	2 40	23 43	0 15	2 59	1 30	1 14	15 18	4 38	4 21	13 9	0 22	4 18
S 21	11 42	16 56	5 14	7 49	0 10	15 50	0 19	5 10	1 17	20 12	0 15	12 12	2 40	23 43	0 15	2 59	1 30	1 14	15 18	4 38	4 19	13 10	0 24	4 18
S 22	12 3	14 50	4 56	7 23	0s 6	16 14	0 16	4 52	1 18	20 11	0 15	12 10	2 40	23 43	0 15	3 0	1 30	1 14	15 18	4 38	4 18	13 11	0 25	4 18
M23	12 23	12 1	4 23	6 58	0 23	16 37	0 14	4 34	1 18	20 11	0 15	12 9	2 40	23 43	0 15	3 1	1 30	1 15	15 18	4 38	4 17	13 12	0 26	4 18
T 24	12 43	8 41	3 38	6 36	0 39	17 0	0 11	4 15	1 18	20 10	0 15	12 7	2 40	23 43	0 15	3 2	1 30	1 15	15 18	4 39	4 16	13 14	0 28	4 18
W25	13 3	5 3	2 43	6 15	0 54	17 23	0 9	3 57	1 18	20 9	0 15	12 6	2 40	23 43	0 15	3 3	1 30	1 16	15 18	4 39	4 14	13 15	0 29	4 18
T 26	13 22	1 15	1 42	5 57	1 9	17 45	0 6	3 39	1 18	20 8	0 16	12 5	2 40	23 43	0 15	3 3	1 30	1 16	15 18	4 40	4 13	13 16	0 30	4 19
F 27	13 41	2s33	0 38	5 42	1 23	18 7	0 4	3 20	1 18	20 7	0 16	12 3	2 40	23 42	0 15	3 4	1 30	1 17	15 18	4 40	4 12	13 18	0 31	4 19
S 28	14 1	6 13	0n28	5 29	1 36	18 28	0 1	3 2	1 18	20 6	0 16	12 2	2 40	23 42	0 15	3 5	1 30	1 17	15 18	4 40	4 11	13 19	0 32	4 19
S 29	14 19	9 36	1 32	5 19	1 49	18 49	0n 1	2 44	1 18	20 6	0 16	12 0	2 40	23 42	0 15	3 6	1 30	1 18	15 18	4 40	4 9	13 20	0 34	4 19
M30	14n38	12s36	2n32	5n12	2s 0	19n10	0n 4	2s25	1s18	20s 5	0s16	11s59	2n40	23n42	0n15	3n 7	1s30	1n18	15s18	4s39	4s 8	13s21	0n35	4n19

Julian Day Number = 2402692.5, Delta T = 7.08 sec
Ecliptic obliquity = 23°27'16, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°52'21, Lahiri = 21°59'21

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ASTRODIENST EPHEMERIS for the year 1866
geocentric

MAY 1866 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 34 46	10♉22'12	22♏24	18♈10	26♉32	27♓40	1♒39	8°R55	1♋ 3	11♈23	13♉36	11°R41	10♎23	14♏14	21♓31	T 1
W 2	14 38 43	11°20'21	4♐16	18°27	27°46	28°26	1°43	8♏51	1° 6	11°25	13°38	11♎36	10°20	14°20	21°33	W 2
T 3	14 42 40	12°18'28	16°11	18°49	28°59	29°12	1°46	8°46	1° 8	11°27	13°39	11°30	10°17	14°27	21°36	T 3
F 4	14 46 36	13°16'34	28°13	19°16	0♊13	29°59	1°50	8°41	1°11	11°29	13°40	11°25	10°14	14°34	21°39	F 4
S 5	14 50 33	14°14'38	10♑23	19°47	1°26	0♈45	1°53	8°37	1°14	11°31	13°42	11°20	10°10	14°40	21°41	S 5
S 6	14 54 29	15°12'41	22°45	20°21	2°40	1°31	1°55	8°32	1°17	11°33	13°43	11°17	10° 7	14°47	21°44	S 6
M 7	14 58 26	16°10'42	5♒23	21° 0	3°53	2°17	1°58	8°28	1°19	11°35	13°44	11°15	10° 4	14°54	21°46	M 7
T 8	15 2 22	17° 8'42	18°19	21°43	5° 7	3° 3	2° 1	8°23	1°22	11°37	13°46	11°D14	10° 1	15° 0	21°49	T 8
W 9	15 6 19	18° 6'41	1♓36	22°29	6°20	3°49	2° 3	8°19	1°25	11°39	13°47	11°15	9°58	15° 7	21°51	W 9
T 10	15 10 15	19° 4'38	15°18	23°18	7°34	4°34	2° 5	8°15	1°28	11°41	13°48	11°16	9°54	15°14	21°54	T 10
F 11	15 14 12	20° 2'34	29°26	24°11	8°47	5°20	2° 7	8°10	1°31	11°43	13°50	11°17	9°51	15°20	21°56	F 11
S 12	15 18 9	21° 0'29	13♈59	25° 7	10° 0	6° 6	2° 9	8° 6	1°34	11°44	13°51	11°R18	9°48	15°27	21°58	S 12
S 13	15 22 5	21°58'22	28°53	26° 6	11°14	6°52	2°10	8° 1	1°36	11°46	13°52	11°17	9°45	15°34	22° 0	S 13
M14	15 26 2	22°56'15	14♉ 2	27° 9	12°27	7°38	2°11	7°57	1°39	11°48	13°54	11°14	9°42	15°41	22° 3	M14
T 15	15 29 58	23°54'05	29°17	28°14	13°40	8°23	2°13	7°53	1°42	11°50	13°55	11° 9	9°39	15°47	22° 5	T 15
W16	15 33 55	24°51'55	14♊27	29°22	14°54	9° 9	2°14	7°49	1°45	11°52	13°57	11° 3	9°35	15°54	22° 7	W16
T 17	15 37 51	25°49'43	29°22	0♋33	16° 7	9°55	2°14	7°44	1°49	11°53	13°58	10°56	9°32	16° 1	22° 9	T 17
F 18	15 41 48	26°47'29	13♌55	1°46	17°20	10°40	2°15	7°40	1°52	11°55	13°59	10°50	9°29	16° 7	22°11	F 18
S 19	15 45 44	27°45'14	28° 0	3° 3	18°33	11°26	2°15	7°36	1°55	11°57	14° 1	10°45	9°26	16°14	22°13	S 19
S 20	15 49 41	28°42'57	11♎36	4°21	19°47	12°11	2°16	7°32	1°58	11°59	14° 2	10°41	9°23	16°21	22°15	S 20
M21	15 53 38	29°40'38	24°45	5°43	21° 0	12°57	2°R16	7°28	2° 1	12° 0	14° 3	10°D40	9°19	16°27	22°17	M21
T 22	15 57 34	0♊38'18	7♏28	7° 7	22°13	13°42	2°15	7°24	2° 4	12° 2	14° 4	10°40	9°16	16°34	22°19	T 22
W23	16 1 31	1°35'56	19°52	8°33	23°26	14°28	2°15	7°20	2° 7	12° 4	14° 6	10°41	9°13	16°41	22°21	W23
T 24	16 5 27	2°33'33	2♐ 0	10° 2	24°39	15°13	2°15	7°16	2°11	12° 5	14° 7	10°42	9°10	16°47	22°22	T 24
F 25	16 9 24	3°31'08	13°57	11°33	25°52	15°58	2°14	7°12	2°14	12° 7	14° 8	10°R42	9° 7	16°54	22°24	F 25
S 26	16 13 20	4°28'42	25°48	13° 6	27° 5	16°43	2°13	7° 8	2°17	12° 8	14°10	10°41	9° 4	17° 1	22°26	S 26
S 27	16 17 17	5°26'15	7♑36	14°42	28°18	17°29	2°12	7° 5	2°20	12°10	14°11	10°38	9° 0	17° 7	22°27	S 27
M28	16 21 13	6°23'46	19°25	16°21	29°31	18°14	2°10	7° 1	2°24	12°11	14°12	10°32	8°57	17°14	22°29	M28
T 29	16 25 10	7°21'17	1♒17	18° 1	0♌44	18°59	2° 9	6°57	2°27	12°13	14°13	10°24	8°54	17°21	22°30	T 29
W30	16 29 7	8°18'46	13°13	19°45	1°57	19°44	2° 7	6°54	2°30	12°14	14°15	10°14	8°51	17°27	22°32	W30
T 31	16 33 3	9♊16'14	25♒17	21♋30	3♌10	20♈29	2♒ 5	6♏50	2♌34	12♈16	14♉16	10♎ 3	8♎48	17♏34	22♓33	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	☊	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat	
T 1	14n56	15s 5	3n25	5n 6	2s11	19n30	0n 6	2s 7	1s18	20s 4	0s16	11s57	2n40	23n42	0n15	3n 7	1s30	1n18	15s18	4s37	4s 7	13s23	0n36	4n19	T 1
W 2	15 15	16 56	4 9	5 4	2 21	19 49	0 9	1 49	1 18	20 4	0 17	11 56	2 40	23 42	0 15	3 8	1 30	1 19	15 18	4 35	4 6	13 24	0 37	4 19	W 2
T 3	15 32	18 3	4 43	5 4	2 30	20 8	0 11	1 30	1 18	20 3	0 17	11 55	2 40	23 42	0 15	3 9	1 30	1 19	15 18	4 33	4 4	13 25	0 38	4 19	T 3
F 4	15 50	18 23	5 4	5 6	2 38	20 26	0 14	1 12	1 18	20 2	0 17	11 53	2 40	23 42	0 15	3 10	1 30	1 20	15 18	4 31	4 3	13 26	0 40	4 20	F 4
S 5	16 7	17 52	5 12	5 11	2 45	20 44	0 16	0 54	1 18	20 2	0 17	11 52	2 39	23 42	0 15	3 10	1 30	1 20	15 17	4 29	4 2	13 28	0 41	4 20	S 5
S 6	16 24	16 30	5 6	5 18	2 52	21 1	0 19	0 35	1 18	20 1	0 17	11 50	2 39	23 42	0 15	3 11	1 30	1 20	15 17	4 28	4 1	13 29	0 42	4 20	S 6
M 7	16 41	14 19	4 45	5 27	2 58	21 18	0 22	0 17	1 18	20 1	0 17	11 49	2 39	23 42	0 15	3 12	1 30	1 21	15 17	4 27	3 59	13 30	0 43	4 20	M 7
T 8	16 58	11 24	4 9	5 39	3 2	21 34	0 24	0n 1	1 18	20 1	0 18	11 48	2 39	23 42	0 15	3 13	1 30	1 21	15 17	4 27	3 58	13 31	0 44	4 20	T 8
W 9	17 14	7 48	3 20	5 52	3 6	21 49	0 27	0 20	1 18	20 0	0 18	11 46	2 39	23 42	0 15	3 13	1 30	1 22	15 17	4 27	3 57	13 32	0 45	4 20	W 9
T 10	17 30	3 41	2 17	6 7	3 10	22 4	0 29	0 38	1 18	20 0	0 18	11 45	2 39	23 42	0 15	3 14	1 30	1 22	15 17	4 28	3 56	13 34	0 46	4 20	T 10
F 11	17 46	0n45	1 4	6 24	3 12	22 18	0 32	0 56	1 18	20 0	0 18	11 44	2 39	23 42	0 15	3 15	1 30	1 22	15 17	4 28	3 54	13 35	0 47	4 20	F 11
S 12	18 1	5 18	0s15	6 43	3 14	22 32	0 34	1 14	1 17	20 0	0 18	11 42	2 39	23 42	0 15	3 15	1 30	1 23	15 17	4 28	3 53	13 36	0 48	4 21	S 12
S 13	18 16	9 37	1 34	7 3	3 15	22 45	0 37	1 33	1 17	19 59	0 19	11 41	2 39	23 42	0 15	3 16	1 30	1 23	15 17	4 28	3 52	13 37	0 49	4 21	S 13
M14	18 31	13 23	2 48	7 25	3 15	22 57	0 39	1 51	1 17	19 59	0 19	11 40	2 39	23 42	0 15	3 17	1 31	1 23	15 18	4 27	3 51	13 39	0 50	4 21	M14
T 15	18 46	16 15	3 51	7 49	3 15	23 8	0 41	2 9	1 17	19 59	0 19	11 39	2 39	23 42	0 15	3 17	1 31	1 24	15 18	4 25	3 49	13 40	0 51	4 21	T 15
W16	19 0	17 58	4 37	8 14	3 14	23 19	0 44	2 27	1 17	19 59	0 19	11 37	2 39	23 42	0 15	3 18	1 31	1 24	15 18	4 22	3 48	13 41	0 52	4 21	W16
T 17	19 14	18 24	5 3	8 40	3 12	23 30	0 46	2 45	1 17	19 59	0 19	11 36	2 38	23 42	0 15	3 19	1 31	1 24	15 18	4 20	3 47	13 42	0 53	4 21	T 17
F 18	19 27	17 37	5 9	9 8	3 10	23 39	0 49	3 3	1 17	19 59	0 19	11 35	2 38	23 42	0 15	3 19	1 31	1 25	15 18	4 17	3 46	13 43	0 54	4 22	F 18
S 19	19 40	15 45	4 55	9 36	3 7	23 48	0 51	3 21	1 17	19 59	0 20	11 34	2 38	23 42	0 15	3 20	1 31	1 25	15 18	4 15	3 44	13 45	0 55	4 22	S 19
S 20	19 53	13 4	4 25	10 6	3 3	23 57	0 53	3 39	1 16	19 59	0 20	11 32	2 38	23 42	0 15	3 21	1 31	1 25	15 18	4 14	3 43	13 46	0 56	4 22	S 20
M21	20 6	9 47	3 42	10 37	2 59	24 4	0 56	3 57	1 16	20 0	0 20	11 31	2 38	23 42	0 15	3 21	1 31	1 26	15 18	4 13	3 42	13 47	0 57	4 22	M21
T 22	20 18	6 9	2 50	11 9	2 54	24 11	0 58	4 14	1 16	20 0	0 20	11 30	2 38	23 42	0 15	3 22	1 31	1 26	15 18	4 14	3 41	13 48	0 58	4 22	T 22
W23	20 30	2 20	1 50	11 42	2 49	24 18	1 0	4 32	1 16	20 0	0 20	11 29	2 38	23 42	0 15	3 22	1 31	1 26	15 18	4 14	3 39	13 49	0 59	4 22	W23
T 24	20 41	1s31	0 47	12 15	2 43	24 23	1 2	4 50	1 16	20 0	0 21	11 28	2 38	23 42	0 15	3 23	1 31	1 27	15 18	4 14	3 38	13 51	0 59	4 22	T 24
F 25	20 52	5 14	0n17	12 50	2 36	24 28	1 5	5 8	1 16	20 1	0 21	11 27	2 37	23 42	0 15	3 24	1 31	1 27	15 18	4 14	3 37	13 52	1 0	4 23	F 25
S 26	21 3	8 44	1 20	13 24	2 29	24 32	1 7	5 25	1 15	20 1	0 21	11 26	2 37	23 41	0 15	3 24	1 31	1 27	15 18	4 14	3 36	13 53	1 1	4 23	S 26
S 27	21 13	11 51	2 19	14 0	2 22	24 35	1 9	5 43	1 15	20 2	0 21	11 25	2 37	23 41	0 15	3 25	1 31	1 27	15 18	4 13	3 34	13 54	1 2	4 23	S 27
M28	21 23	14 30	3 12	14 36	2 14	24 38	1 11	6 0	1 15	20 2	0 21	11 24	2 37	23 41	0 15	3 25	1 31	1 28	15 18	4 10	3 33	13 55	1 3	4 23	M28
T 29	21 33	16 34	3 57	15 12	2 6	24 40	1 13	6 17	1 15	20 3	0 21	11 22	2 37	23 41	0 15	3 26	1 31	1 28	15 18	4 7	3 32	13 57	1 3	4 23	T 29
W30	21 42	17 55	4 31	15 49	1 57	24 41	1 15	6 35	1 14	20 3	0 22	11 22	2 37	23 41	0 15	3 26	1 31	1 28	15 19	4 3	3 31	13 58	1 4	4 24	W30
T 31	21n51	18s28	4n54	16n25	1s48	24n42	1n17	6n52	1s14	20s 4	0s22	11s21	2n36	23n41	0n15	3n27	1s31	1n28	15s19	3s59	3s29	13s59	1n 5	4n24	T 31

Julian Day Number = 2402722.5, Delta T = 6.99 sec
Ecliptic obliquity = 23°27'15, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°52'25, Lahiri = 21°59'26

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1866
geocentric

JUNE 1866 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 37 0	10♊13'41	7♉28	23♉18	4♋22	21♈14	2°R 3	6°R47	2♋37	12♈17	14♉17	9°R52	8♎45	17♏41	22♓35	F 1
S 2	16 40 56	11°11'08	19°48	25° 8	5°35	21°59	2♒ 1	6♏44	2°41	12°19	14°19	9♎42	8°41	17°47	22°36	S 2
S 3	16 44 53	12° 8'33	2♒19	27° 1	6°48	22°44	1°59	6°40	2°44	12°20	14°20	9°34	8°38	17°54	22°37	S 3
M 4	16 48 49	13° 5'58	15° 2	28°56	8° 1	23°28	1°56	6°37	2°47	12°21	14°21	9°29	8°35	18° 1	22°38	M 4
T 5	16 52 46	14° 3'22	28° 0	0♊53	9°13	24°13	1°53	6°34	2°51	12°23	14°22	9°25	8°32	18° 7	22°40	T 5
W 6	16 56 42	15° 0'46	11♓15	2°52	10°26	24°58	1°50	6°31	2°54	12°24	14°23	9°D24	8°29	18°14	22°41	W 6
T 7	17 0 39	15°58'09	24°50	4°54	11°39	25°42	1°47	6°28	2°58	12°25	14°25	9°24	8°25	18°21	22°42	T 7
F 8	17 4 36	16°55'31	8♈47	6°57	12°51	26°27	1°44	6°25	3° 1	12°26	14°26	9°R25	8°22	18°27	22°43	F 8
S 9	17 8 32	17°52'53	23° 6	9° 2	14° 4	27°12	1°40	6°22	3° 5	12°27	14°27	9°24	8°19	18°34	22°44	S 9
S 10	17 12 29	18°50'14	7♉45	11° 9	15°16	27°56	1°37	6°20	3° 8	12°29	14°28	9°21	8°16	18°41	22°45	S 10
M11	17 16 25	19°47'36	22°40	13°17	16°29	28°40	1°33	6°17	3°12	12°30	14°29	9°16	8°13	18°47	22°45	M11
T 12	17 20 22	20°44'56	7♊44	15°26	17°41	29°25	1°29	6°14	3°15	12°31	14°30	9° 9	8°10	18°54	22°46	T 12
W13	17 24 18	21°42'16	22°48	17°37	18°54	0♉ 9	1°25	6°12	3°19	12°32	14°31	8°59	8° 6	19° 1	22°47	W13
T 14	17 28 15	22°39'36	7♋42	19°48	20° 6	0°53	1°20	6° 9	3°23	12°33	14°33	8°49	8° 3	19° 7	22°48	T 14
F 15	17 32 11	23°36'54	22°17	21°59	21°18	1°37	1°16	6° 7	3°26	12°34	14°34	8°39	8° 0	19°14	22°48	F 15
S 16	17 36 8	24°34'12	6♌26	24°11	22°31	2°22	1°11	6° 5	3°30	12°35	14°35	8°30	7°57	19°21	22°49	S 16
S 17	17 40 5	25°31'29	20° 7	26°23	23°43	3° 6	1° 6	6° 3	3°33	12°36	14°36	8°23	7°54	19°27	22°49	S 17
M18	17 44 1	26°28'46	3♍19	28°35	24°55	3°49	1° 1	6° 0	3°37	12°37	14°37	8°19	7°51	19°34	22°50	M18
T 19	17 47 58	27°26'01	16° 6	0♋45	26° 8	4°33	0°56	5°58	3°40	12°38	14°38	8°18	7°47	19°41	22°50	T 19
W20	17 51 54	28°23'16	28°30	2°55	27°20	5°17	0°51	5°57	3°44	12°39	14°39	8°D17	7°44	19°48	22°50	W20
T 21	17 55 51	29°20'30	10♎38	5° 4	28°32	6° 1	0°46	5°55	3°48	12°40	14°40	8°R17	7°41	19°54	22°51	T 21
F 22	17 59 47	0♋17'44	22°34	7°12	29°44	6°45	0°40	5°53	3°51	12°40	14°41	8°17	7°38	20° 1	22°51	F 22
S 23	18 3 44	1°14'57	4♏24	9°18	0♌56	7°28	0°34	5°51	3°55	12°41	14°42	8°14	7°35	20° 8	22°51	S 23
S 24	18 7 40	2°12'09	16°13	11°23	2° 8	8°12	0°28	5°50	3°58	12°42	14°43	8°10	7°31	20°14	22°51	S 24
M25	18 11 37	3° 9'21	28° 4	13°26	3°20	8°55	0°23	5°48	4° 2	12°43	14°44	8° 2	7°28	20°21	22°51	M25
T 26	18 15 34	4° 6'33	10♐ 0	15°27	4°32	9°39	0°16	5°47	4° 6	12°43	14°45	7°52	7°25	20°28	22°R51	T 26
W27	18 19 30	5° 3'44	22° 5	17°26	5°44	10°22	0°10	5°46	4° 9	12°44	14°46	7°40	7°22	20°34	22°51	W27
T 28	18 23 27	6° 0'56	4♑19	19°23	6°56	11° 5	0° 4	5°45	4°13	12°44	14°47	7°27	7°19	20°41	22°51	T 28
F 29	18 27 23	6°58'06	16°43	21°19	8° 8	11°48	29♑57	5°44	4°16	12°45	14°48	7°14	7°16	20°48	22°51	F 29
S 30	18 31 20	7♋55'17	29♑18	23♋12	9♌19	12♉32	29♑51	5♏43	4♋20	12♈46	14♉49	7♎ 2	7♎12	20♏54	22♓51	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 0	18s11	5n 4	17n 2	1s38	24n41	1n19	7n 9	1s14	20s 4	0s22	11s20	2n36	23n41	0n15	3n27	1s31	1n29	15s19	3s55	3s28	14s 0	1n 6	4n24
S 2	22 8	17 3	4 59	17 38	1 28	24 40	1 20	7 26	1 14	20 5	0 22	11 19	2 36	23 41	0 15	3 28	1 31	1 29	15 19	3 51	3 27	14 1	1 6	4 24
S 3	22 16	15 6	4 41	18 14	1 18	24 39	1 22	7 43	1 13	20 6	0 22	11 18	2 36	23 41	0 15	3 28	1 31	1 29	15 19	3 48	3 26	14 3	1 7	4 24
M 4	22 23	12 23	4 8	18 50	1 7	24 36	1 24	8 0	1 13	20 7	0 23	11 17	2 36	23 41	0 15	3 29	1 31	1 29	15 19	3 45	3 24	14 4	1 8	4 24
T 5	22 30	9 1	3 22	19 25	0 57	24 33	1 26	8 16	1 13	20 7	0 23	11 16	2 35	23 41	0 15	3 29	1 32	1 30	15 19	3 44	3 23	14 5	1 8	4 25
W 6	22 37	5 8	2 24	20 0	0 46	24 29	1 27	8 33	1 12	20 8	0 23	11 15	2 35	23 41	0 15	3 30	1 32	1 30	15 19	3 44	3 22	14 6	1 9	4 25
T 7	22 43	0 53	1 17	20 33	0 35	24 25	1 29	8 49	1 12	20 9	0 23	11 15	2 35	23 41	0 15	3 30	1 32	1 30	15 19	3 44	3 21	14 7	1 9	4 25
F 8	22 49	3n32	0 3	21 5	0 24	24 20	1 30	9 6	1 12	20 10	0 23	11 14	2 35	23 41	0 15	3 31	1 32	1 30	15 20	3 44	3 19	14 8	1 10	4 25
S 9	22 54	7 52	1s12	21 36	0 13	24 14	1 32	9 22	1 11	20 11	0 24	11 13	2 35	23 41	0 15	3 31	1 32	1 30	15 20	3 44	3 18	14 10	1 10	4 25
S 10	22 59	11 49	2 25	22 5	0 2	24 7	1 33	9 38	1 11	20 12	0 24	11 12	2 34	23 40	0 15	3 31	1 32	1 30	15 20	3 43	3 17	14 11	1 11	4 26
M11	23 4	15 5	3 28	22 33	0n 9	24 0	1 34	9 55	1 11	20 13	0 24	11 12	2 34	23 40	0 15	3 32	1 32	1 31	15 20	3 41	3 16	14 12	1 12	4 26
T 12	23 8	17 22	4 18	22 58	0 19	23 52	1 36	10 11	1 10	20 14	0 24	11 11	2 34	23 40	0 15	3 32	1 32	1 31	15 20	3 38	3 14	14 13	1 12	4 26
W13	23 12	18 26	4 50	23 22	0 29	23 43	1 37	10 26	1 10	20 15	0 24	11 10	2 34	23 40	0 16	3 33	1 32	1 31	15 20	3 34	3 13	14 14	1 12	4 26
T 14	23 15	18 12	5 2	23 43	0 39	23 34	1 38	10 42	1 9	20 16	0 25	11 10	2 34	23 40	0 16	3 33	1 32	1 31	15 21	3 30	3 12	14 15	1 13	4 26
F 15	23 18	16 47	4 54	24 1	0 49	23 24	1 39	10 58	1 9	20 18	0 25	11 9	2 33	23 40	0 16	3 33	1 32	1 31	15 21	3 26	3 11	14 16	1 13	4 26
S 16	23 21	14 22	4 27	24 17	0 58	23 13	1 40	11 13	1 9	20 19	0 25	11 9	2 33	23 40	0 16	3 34	1 32	1 31	15 21	3 22	3 9	14 18	1 14	4 27
S 17	23 23	11 12	3 46	24 31	1 6	23 2	1 41	11 29	1 8	20 20	0 25	11 8	2 33	23 40	0 16	3 34	1 32	1 32	15 21	3 20	3 8	14 19	1 14	4 27
M18	23 24	7 35	2 54	24 41	1 14	22 50	1 42	11 44	1 8	20 21	0 25	11 8	2 33	23 40	0 16	3 34	1 32	1 32	15 21	3 18	3 7	14 20	1 14	4 27
T 19	23 26	3 43	1 55	24 49	1 22	22 37	1 42	11 59	1 7	20 23	0 25	11 7	2 32	23 40	0 16	3 35	1 32	1 32	15 21	3 17	3 6	14 21	1 15	4 27
W20	23 27	0s12	0 52	24 53	1 28	22 24	1 43	12 14	1 7	20 24	0 26	11 7	2 32	23 40	0 16	3 35	1 32	1 32	15 22	3 17	3 4	14 22	1 15	4 27
T 21	23 27	4 1	0n12	24 55	1 34	22 10	1 44	12 29	1 7	20 25	0 26	11 7	2 32	23 40	0 16	3 35	1 32	1 32	15 22	3 17	3 3	14 23	1 15	4 28
F 22	23 27	7 38	1 15	24 54	1 39	21 55	1 44	12 44	1 6	20 27	0 26	11 6	2 32	23 39	0 16	3 35	1 32	1 32	15 22	3 17	3 2	14 24	1 16	4 28
S 23	23 27	10 54	2 14	24 51	1 44	21 40	1 45	12 59	1 6	20 28	0 26	11 6	2 31	23 39	0 16	3 36	1 32	1 32	15 22	3 16	3 1	14 26	1 16	4 28
S 24	23 26	13 43	3 6	24 45	1 47	21 24	1 45	13 13	1 5	20 29	0 26	11 6	2 31	23 39	0 16	3 36	1 33	1 32	15 22	3 14	2 59	14 27	1 16	4 28
M25	23 25	15 59	3 51	24 36	1 50	21 8	1 46	13 28	1 5	20 31	0 27	11 5	2 31	23 39	0 16	3 36	1 33	1 32	15 23	3 11	2 58	14 28	1 16	4 28
T 26	23 23	17 35	4 26	24 25	1 52	20 51	1 46	13 42	1 4	20 32	0 27	11 5	2 31	23 39	0 16	3 36	1 33	1 32	15 23	3 7	2 57	14 29	1 17	4 29
W27	23 21	18 24	4 49	24 12	1 54	20 34	1 46	13 56	1 4	20 34	0 27	11 5	2 30	23 39	0 16	3 37	1 33	1 32	15 23	3 3	2 55	14 30	1 17	4 29
T 28	23 19	18 24	5 0	23 57	1 55	20 16	1 46	14 10	1 3	20 35	0 27	11 5	2 30	23 39	0 16	3 37	1 33	1 32	15 23	2 58	2 54	14 31	1 17	4 29
F 29	23 16	17 31	4 56	23 39	1 55	19 57	1 46	14 24	1 3	20 37	0 27	11 5	2 30	23 39	0 16	3 37	1 33	1 32	15 24	2 52	2 53	14 32	1 17	4 29
S 30	23n13	15s46	4n38	23n20	1n54	19n38	1n46	14n37	1s 2	20s39	0s27	11s 5	2n30	23n39	0n16	3n37	1s33	1n32	15s24	2s48	2s52	14s33	1n17	4n29

Julian Day Number = 2402753.5, Delta T = 6.89 sec
Ecliptic obliquity = 23°27'14, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°52'29, Lahiri = 21°59'30

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ASTRODIENST EPHEMERIS for the year 1866
geocentric

JULY 1866 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 35 16	8♋52'28	12♒ 4	25♋ 3	10♌31	13♉15	29°R44	5°R42	4♋24	12♈46	14♉49	6°R52	7♎ 9	21♏ 1	22°R51	S 1
M 2	18 39 13	9°49'39	25° 2	26°52	11°43	13°58	29♑37	5♏41	4°27	12°47	14°50	6♎44	7° 6	21° 8	22♓50	M 2
T 3	18 43 9	10°46'50	8♓11	28°40	12°54	14°41	29°31	5°40	4°31	12°47	14°51	6°40	7° 3	21°14	22°50	T 3
W 4	18 47 6	11°44'01	21°33	0♌25	14° 6	15°23	29°24	5°40	4°34	12°48	14°52	6°38	7° 0	21°21	22°50	W 4
T 5	18 51 3	12°41'13	5♈ 9	2° 8	15°18	16° 6	29°17	5°39	4°38	12°48	14°53	6°37	6°57	21°28	22°49	T 5
F 6	18 54 59	13°38'25	19° 1	3°49	16°29	16°49	29° 9	5°39	4°42	12°48	14°54	6°37	6°53	21°34	22°49	F 6
S 7	18 58 56	14°35'37	3♉ 9	5°27	17°40	17°31	29° 2	5°38	4°45	12°49	14°54	6°36	6°50	21°41	22°48	S 7
S 8	19 2 52	15°32'50	17°32	7° 4	18°52	18°14	28°55	5°38	4°49	12°49	14°55	6°34	6°47	21°48	22°48	S 8
M 9	19 6 49	16°30'04	2♊ 8	8°39	20° 3	18°56	28°48	5°38	4°52	12°49	14°56	6°28	6°44	21°55	22°47	M 9
T 10	19 10 45	17°27'18	16°51	10°12	21°15	19°39	28°40	5°D38	4°56	12°49	14°57	6°20	6°41	22° 1	22°46	T 10
W11	19 14 42	18°24'32	1♋35	11°42	22°26	20°21	28°33	5°38	4°59	12°50	14°57	6°11	6°37	22° 8	22°45	W11
T 12	19 18 38	19°21'46	16°13	13°11	23°37	21° 3	28°25	5°38	5° 3	12°50	14°58	6° 0	6°34	22°15	22°44	T 12
F 13	19 22 35	20°19'01	0♌35	14°37	24°48	21°45	28°18	5°39	5° 6	12°50	14°59	5°49	6°31	22°21	22°44	F 13
S 14	19 26 32	21°16'16	14°37	16° 1	25°59	22°27	28°10	5°39	5°10	12°50	14°59	5°40	6°28	22°28	22°43	S 14
S 15	19 30 28	22°13'32	28°15	17°23	27°10	23° 9	28° 2	5°40	5°13	12°50	15° 0	5°33	6°25	22°35	22°42	S 15
M16	19 34 25	23°10'47	11♍26	18°43	28°21	23°51	27°55	5°40	5°17	12°R50	15° 1	5°28	6°22	22°41	22°41	M16
T 17	19 38 21	24° 8'03	24°13	20° 0	29°32	24°33	27°47	5°41	5°20	12°50	15° 1	5°26	6°18	22°48	22°40	T 17
W18	19 42 18	25° 5'19	6♎39	21°15	0♍43	25°14	27°39	5°42	5°24	12°50	15° 2	5°D25	6°15	22°55	22°38	W18
T 19	19 46 14	26° 2'35	18°49	22°28	1°54	25°56	27°31	5°43	5°27	12°50	15° 2	5°26	6°12	23° 1	22°37	T 19
F 20	19 50 11	26°59'51	0♏46	23°38	3° 5	26°37	27°24	5°44	5°31	12°50	15° 3	5°R26	6° 9	23° 8	22°36	F 20
S 21	19 54 7	27°57'08	12°38	24°46	4°15	27°19	27°16	5°45	5°34	12°50	15° 3	5°25	6° 6	23°15	22°35	S 21
S 22	19 58 4	28°54'25	24°28	25°51	5°26	28° 0	27° 8	5°46	5°38	12°50	15° 4	5°22	6° 3	23°21	22°33	S 22
M23	20 2 1	29°51'43	6♐22	26°53	6°36	28°41	27° 0	5°47	5°41	12°49	15° 4	5°16	5°59	23°28	22°32	M23
T 24	20 5 57	0♑49'01	18°23	27°53	7°47	29°22	26°53	5°48	5°44	12°49	15° 5	5° 8	5°56	23°35	22°30	T 24
W25	20 9 54	1°46'19	0♑35	28°49	8°57	0♊ 3	26°45	5°50	5°48	12°49	15° 5	4°59	5°53	23°41	22°29	W25
T 26	20 13 50	2°43'38	13° 0	29°43	10° 8	0°44	26°37	5°52	5°51	12°49	15° 6	4°48	5°50	23°48	22°27	T 26
F 27	20 17 47	3°40'58	25°39	0♍33	11°18	1°25	26°30	5°53	5°54	12°48	15° 6	4°37	5°47	23°55	22°26	F 27
S 28	20 21 43	4°38'18	8♒32	1°20	12°28	2° 6	26°22	5°55	5°57	12°48	15° 6	4°27	5°43	24° 2	22°24	S 28
S 29	20 25 40	5°35'39	21°38	2° 4	13°38	2°46	26°14	5°57	6° 1	12°48	15° 7	4°19	5°40	24° 8	22°23	S 29
M30	20 29 36	6°33'01	4♓56	2°44	14°48	3°27	26° 7	5°59	6° 4	12°47	15° 7	4°14	5°37	24°15	22°21	M30
T 31	20 33 33	7♌30'24	18♓25	3♍20	15♍58	4♊ 7	25♑59	6♏ 1	6♋ 7	12♈47	15♉ 8	4♎10	5♎34	24♏22	22♓19	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 9	13s15	4n 6	22n59	1n53	19n19	1n46	14n51	1s 2	20s40	0s28	11s 5	2n29	23n38	0n16	3n37	1s33	1n32	15s24	2s44	2s50	14s35	1n17	4n29
M 2	23 5	10 2	3 21	22 36	1 51	18 59	1 46	15 4	1 1	20 42	0 28	11 5	2 29	23 38	0 16	3 37	1 33	1 32	15 24	2 41	2 49	14 36	1 17	4 30
T 3	23 1	6 17	2 24	22 12	1 48	18 38	1 45	15 17	1 0	20 43	0 28	11 5	2 29	23 38	0 16	3 37	1 33	1 32	15 24	2 39	2 48	14 37	1 17	4 30
W 4	22 56	2 9	1 19	21 47	1 45	18 17	1 45	15 30	1 0	20 45	0 28	11 5	2 29	23 38	0 16	3 38	1 33	1 32	15 25	2 38	2 47	14 38	1 17	4 30
T 5	22 51	2n10	0 8	21 20	1 41	17 55	1 45	15 43	0 59	20 47	0 28	11 5	2 28	23 38	0 16	3 38	1 33	1 32	15 25	2 38	2 45	14 39	1 17	4 30
F 6	22 45	6 27	1s 5	20 53	1 37	17 33	1 44	15 56	0 59	20 48	0 29	11 5	2 28	23 38	0 16	3 38	1 33	1 32	15 25	2 38	2 44	14 40	1 17	4 30
S 7	22 39	10 27	2 15	20 24	1 32	17 11	1 43	16 8	0 58	20 50	0 29	11 5	2 28	23 38	0 16	3 38	1 33	1 32	15 25	2 37	2 43	14 41	1 17	4 31
S 8	22 33	13 54	3 18	19 54	1 26	16 48	1 43	16 21	0 57	20 52	0 29	11 5	2 28	23 38	0 16	3 38	1 33	1 32	15 26	2 36	2 42	14 42	1 17	4 31
M 9	22 26	16 31	4 9	19 24	1 20	16 25	1 42	16 33	0 57	20 53	0 29	11 6	2 27	23 38	0 16	3 38	1 33	1 32	15 26	2 34	2 40	14 43	1 17	4 31
T 10	22 19	18 5	4 44	18 53	1 14	16 1	1 41	16 45	0 56	20 55	0 29	11 6	2 27	23 37	0 16	3 38	1 33	1 32	15 26	2 31	2 39	14 44	1 17	4 31
W11	22 11	18 26	5 0	18 21	1 7	15 37	1 40	16 57	0 56	20 57	0 29	11 6	2 27	23 37	0 16	3 38	1 34	1 32	15 26	2 27	2 38	14 46	1 17	4 31
T 12	22 3	17 34	4 57	17 49	0 59	15 13	1 39	17 9	0 55	20 58	0 30	11 6	2 26	23 37	0 16	3 38	1 34	1 32	15 27	2 23	2 37	14 47	1 16	4 31
F 13	21 55	15 35	4 34	17 17	0 51	14 48	1 38	17 20	0 54	21 0	0 30	11 7	2 26	23 37	0 16	3 38	1 34	1 32	15 27	2 19	2 35	14 48	1 16	4 32
S 14	21 46	12 42	3 55	16 44	0 43	14 22	1 36	17 32	0 54	21 2	0 30	11 7	2 26	23 37	0 16	3 38	1 34	1 32	15 27	2 15	2 34	14 49	1 16	4 32
S 15	21 37	9 13	3 4	16 11	0 34	13 57	1 35	17 43	0 53	21 3	0 30	11 8	2 26	23 37	0 16	3 38	1 34	1 32	15 27	2 12	2 33	14 50	1 16	4 32
M16	21 28	5 22	2 4	15 38	0 25	13 31	1 34	17 54	0 52	21 5	0 30	11 8	2 25	23 37	0 16	3 38	1 34	1 32	15 28	2 10	2 32	14 51	1 16	4 32
T 17	21 18	1 23	0 59	15 4	0 16	13 5	1 32	18 5	0 52	21 7	0 30	11 8	2 25	23 37	0 16	3 38	1 34	1 32	15 28	2 10	2 30	14 52	1 15	4 32
W18	21 8	2s33	0n 7	14 31	0 6	12 38	1 30	18 16	0 51	21 8	0 30	11 9	2 25	23 36	0 16	3 38	1 34	1 32	15 28	2 9	2 29	14 53	1 15	4 32
T 19	20 57	6 17	1 11	13 58	0s 4	12 11	1 29	18 26	0 50	21 10	0 31	11 10	2 25	23 36	0 16	3 38	1 34	1 32	15 29	2 9	2 28	14 54	1 15	4 33
F 20	20 46	9 42	2 11	13 25	0 15	11 44	1 27	18 37	0 50	21 12	0 31	11 10	2 24	23 36	0 16	3 38	1 34	1 31	15 29	2 9	2 27	14 55	1 14	4 33
S 21	20 35	12 42	3 5	12 52	0 26	11 17	1 25	18 47	0 49	21 13	0 31	11 11	2 24	23 36	0 16	3 38	1 34	1 31	15 29	2 9	2 25	14 56	1 14	4 33
S 22	20 23	15 10	3 50	12 20	0 37	10 49	1 23	18 57	0 48	21 15	0 31	11 11	2 24	23 36	0 16	3 37	1 34	1 31	15 29	2 8	2 24	14 57	1 14	4 33
M23	20 12	17 1	4 26	11 48	0 48	10 21	1 21	19 6	0 47	21 17	0 31	11 12	2 24	23 36	0 16	3 37	1 34	1 31	15 30	2 6	2 23	14 58	1 13	4 33
T 24	19 59	18 7	4 51	11 17	0 59	9 53	1 19	19 16	0 47	21 18	0 31	11 13	2 23	23 36	0 16	3 37	1 34	1 31	15 30	2 3	2 22	14 59	1 13	4 33
W25	19 47	18 25	5 3	10 47	1 11	9 24	1 17	19 26	0 46	21 20	0 31	11 13	2 23	23 36	0 16	3 37	1 34	1 31	15 30	1 59	2 20	15 0	1 12	4 34
T 26	19 34	17 50	5 0	10 17	1 23	8 56	1 15	19 35	0 45	21 22	0 31	11 14	2 23	23 35	0 16	3 37	1 34	1 31	15 31	1 55	2 19	15 2	1 12	4 34
F 27	19 20	16 23	4 44	9 48	1 35	8 27	1 12	19 44	0 44	21 23	0 32	11 15	2 22	23 35	0 16	3 37	1 34	1 30	15 31	1 50	2 18	15 3	1 11	4 34
S 28	19 7	14 5	4 12	9 20	1 48	7 58	1 10	19 53	0 44	21 25	0 32	11 16	2 22	23 35	0 16	3 36	1 34	1 30	15 31	1 46	2 17	15 4	1 11	4 34
S 29	18 53	11 2	3 27	8 53	2 0	7 28	1 7	20 2	0 43	21 26	0 32	11 17	2 22	23 35	0 16	3 36	1 35	1 30	15 31	1 43	2 15	15 5	1 10	4 34
M30	18 39	7 23	2 30	8 27	2 12	6 59	1 5	20 10	0 42	21 28	0 32	11 18	2 22	23 35	0 16	3 36	1 35	1 30	15 32	1 41	2 14	15 6	1 10	4 34
T 31	18n24	3s18	1n23	8n 2	2s25	6n29	1n 2	20n18	0s41	21s29	0s32	11s19	2n21	23n35	0n16	3n36	1s35	1n30	15s32	1s40	2s13	15s 7	1n 9	4n34

Julian Day Number = 2402783.5, Delta T = 6.80 sec
Ecliptic obliquity = 23°27'14, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°52'34, Lahiri = 21°59'34

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ASTRODIENST EPHEMERIS for the year 1866
geocentric

AUGUST 1866 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 37 30	8♌27'48	2♈ 4	3♍52	17♍ 8	4♊48	25°R52	6♏ 3	6♋10	12°R46	15♉ 8	4°D 9	5♎31	24♏28	22°R17	W 1
T 2	20 41 26	9°25'13	15°53	4°20	18°18	5°28	25♑45	6° 5	6°14	12♈46	15° 8	4♎10	5°28	24°35	22♓16	T 2
F 3	20 45 23	10°22'40	29°50	4°43	19°28	6° 8	25°37	6° 7	6°17	12°45	15° 8	4°10	5°24	24°42	22°14	F 3
S 4	20 49 19	11°20'07	13♉56	5° 2	20°37	6°48	25°30	6°10	6°20	12°45	15° 9	4°R11	5°21	24°48	22°12	S 4
S 5	20 53 16	12°17'37	28° 9	5°16	21°47	7°28	25°23	6°12	6°23	12°44	15° 9	4°10	5°18	24°55	22°10	S 5
M 6	20 57 12	13°15'07	12♊27	5°26	22°56	8° 7	25°16	6°15	6°26	12°43	15° 9	4° 7	5°15	25° 2	22° 8	M 6
T 7	21 1 9	14°12'39	26°48	5°R30	24° 6	8°47	25° 9	6°18	6°29	12°43	15° 9	4° 1	5°12	25° 8	22° 6	T 7
W 8	21 5 5	15°10'12	11♋ 6	5°29	25°15	9°27	25° 2	6°20	6°32	12°42	15° 9	3°55	5° 9	25°15	22° 4	W 8
T 9	21 9 2	16° 7'46	25°18	5°22	26°24	10° 6	24°55	6°23	6°35	12°41	15°10	3°47	5° 5	25°22	22° 2	T 9
F 10	21 12 59	17° 5'22	9♌17	5°11	27°34	10°45	24°49	6°26	6°38	12°40	15°10	3°40	5° 2	25°29	21°59	F 10
S 11	21 16 55	18° 2'59	23° 0	4°53	28°43	11°25	24°42	6°29	6°41	12°40	15°10	3°33	4°59	25°35	21°57	S 11
S 12	21 20 52	19° 0'37	6♍24	4°30	29°52	12° 4	24°35	6°32	6°44	12°39	15°10	3°28	4°56	25°42	21°55	S 12
M13	21 24 48	19°58'16	19°27	4° 2	1♎ 0	12°43	24°29	6°35	6°47	12°38	15°10	3°25	4°53	25°49	21°53	M13
T 14	21 28 45	20°55'56	2♎10	3°29	2° 9	13°21	24°23	6°39	6°49	12°37	15°10	3°D25	4°49	25°55	21°50	T 14
W15	21 32 41	21°53'37	14°34	2°51	3°18	14° 0	24°17	6°42	6°52	12°36	15°R10	3°25	4°46	26° 2	21°48	W15
T 16	21 36 38	22°51'19	26°43	2° 9	4°27	14°39	24°11	6°46	6°55	12°35	15°10	3°26	4°43	26° 9	21°46	T 16
F 17	21 40 34	23°49'03	8♏42	1°23	5°35	15°17	24° 5	6°49	6°58	12°34	15°10	3°28	4°40	26°15	21°43	F 17
S 18	21 44 31	24°46'47	20°34	0°34	6°43	15°56	23°59	6°53	7° 1	12°33	15°10	3°R29	4°37	26°22	21°41	S 18
S 19	21 48 28	25°44'33	2♐26	29♌43	7°52	16°34	23°54	6°56	7° 3	12°32	15°10	3°29	4°34	26°29	21°39	S 19
M20	21 52 24	26°42'20	14°21	28°50	9° 0	17°12	23°48	7° 0	7° 6	12°31	15°10	3°27	4°30	26°35	21°36	M20
T 21	21 56 21	27°40'08	26°25	27°57	10° 8	17°50	23°43	7° 4	7° 8	12°30	15°10	3°24	4°27	26°42	21°34	T 21
W22	22 0 17	28°37'57	8♑42	27° 5	11°16	18°28	23°38	7° 8	7°11	12°29	15° 9	3°19	4°24	26°49	21°31	W22
T 23	22 4 14	29°35'47	21°14	26°15	12°23	19° 5	23°33	7°12	7°14	12°28	15° 9	3°14	4°21	26°56	21°28	T 23
F 24	22 8 10	0♍33'39	4♒ 3	25°27	13°31	19°43	23°28	7°16	7°16	12°27	15° 9	3° 9	4°18	27° 2	21°26	F 24
S 25	22 12 7	1°31'32	17°11	24°43	14°39	20°20	23°24	7°20	7°18	12°26	15° 9	3° 4	4°14	27° 9	21°23	S 25
S 26	22 16 3	2°29'27	0♓37	24° 5	15°46	20°57	23°19	7°25	7°21	12°25	15° 9	3° 0	4°11	27°16	21°21	S 26
M27	22 20 0	3°27'23	14°19	23°32	16°53	21°35	23°15	7°29	7°23	12°24	15° 8	2°57	4° 8	27°22	21°18	M27
T 28	22 23 57	4°25'20	28°13	23° 6	18° 0	22°12	23°11	7°33	7°26	12°22	15° 8	2°D56	4° 5	27°29	21°15	T 28
W29	22 27 53	5°23'20	12♈18	22°47	19° 7	22°48	23° 7	7°38	7°28	12°21	15° 8	2°56	4° 2	27°36	21°13	W29
T 30	22 31 50	6°21'21	26°29	22°35	20°14	23°25	23° 3	7°42	7°30	12°20	15° 8	2°57	3°59	27°42	21°10	T 30
F 31	22 35 46	7♍19'24	10♉43	22°D32	21♎21	24♊ 2	22♑59	7♏47	7♋32	12♈19	15♉ 7	2♎59	3♎55	27♏49	21♓ 7	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n10	1n 0	0n11	7n39	2s37	5n59	0n59	20n27	0s40	21s31	0s32	11s19	2n21	23n35	0n16	3n36	1s35	1n29	15s32	1s39	2s11	15s 8	1n 8	4n34
T 2	17 54	5 17	1s 3	7 18	2 50	5 29	0 56	20 35	0 40	21 32	0 32	11 20	2 21	23 34	0 16	3 35	1 35	1 29	15 33	1 39	2 10	15 9	1 8	4 35
F 3	17 39	9 20	2 13	6 58	3 2	4 59	0 53	20 42	0 39	21 34	0 32	11 21	2 21	23 34	0 16	3 35	1 35	1 29	15 33	1 40	2 9	15 10	1 7	4 35
S 4	17 23	12 54	3 17	6 40	3 14	4 29	0 50	20 50	0 38	21 35	0 33	11 22	2 20	23 34	0 16	3 35	1 35	1 29	15 33	1 40	2 8	15 11	1 7	4 35
S 5	17 7	15 43	4 9	6 24	3 25	3 59	0 47	20 57	0 37	21 37	0 33	11 24	2 20	23 34	0 16	3 35	1 35	1 29	15 33	1 39	2 6	15 12	1 6	4 35
M 6	16 51	17 35	4 46	6 10	3 37	3 29	0 44	21 5	0 36	21 38	0 33	11 25	2 20	23 34	0 16	3 34	1 35	1 28	15 34	1 38	2 5	15 13	1 5	4 35
T 7	16 35	18 20	5 5	5 58	3 48	2 58	0 41	21 12	0 35	21 39	0 33	11 26	2 20	23 34	0 16	3 34	1 35	1 28	15 34	1 36	2 4	15 14	1 5	4 35
W 8	16 18	17 56	5 5	5 49	3 58	2 28	0 37	21 19	0 35	21 41	0 33	11 27	2 19	23 34	0 16	3 34	1 35	1 28	15 34	1 33	2 3	15 15	1 4	4 35
T 9	16 1	16 24	4 46	5 42	4 8	1 57	0 34	21 25	0 34	21 42	0 33	11 28	2 19	23 34	0 16	3 33	1 35	1 28	15 35	1 30	2 1	15 16	1 3	4 35
F 10	15 43	13 55	4 10	5 38	4 16	1 26	0 30	21 32	0 33	21 43	0 33	11 29	2 19	23 33	0 16	3 33	1 35	1 27	15 35	1 27	2 0	15 17	1 2	4 35
S 11	15 26	10 42	3 21	5 37	4 24	0 56	0 27	21 38	0 32	21 45	0 33	11 30	2 19	23 33	0 16	3 33	1 35	1 27	15 35	1 25	1 59	15 18	1 2	4 35
S 12	15 8	6 59	2 21	5 39	4 31	0 25	0 23	21 44	0 31	21 46	0 33	11 32	2 18	23 33	0 16	3 32	1 35	1 27	15 36	1 23	1 58	15 19	1 1	4 36
M13	14 50	3 2	1 15	5 44	4 37	0s 6	0 20	21 50	0 30	21 47	0 33	11 33	2 18	23 33	0 16	3 32	1 35	1 27	15 36	1 22	1 56	15 20	1 0	4 36
T 14	14 32	0s58	0 7	5 52	4 41	0 37	0 16	21 56	0 29	21 48	0 33	11 34	2 18	23 33	0 16	3 31	1 35	1 26	15 36	1 21	1 55	15 21	0 59	4 36
W15	14 13	4 49	1n 0	6 3	4 44	1 8	0 12	22 2	0 28	21 49	0 33	11 36	2 18	23 33	0 16	3 31	1 35	1 26	15 36	1 22	1 54	15 22	0 58	4 36
T 16	13 54	8 24	2 3	6 16	4 45	1 38	0 8	22 7	0 27	21 50	0 34	11 37	2 17	23 33	0 16	3 31	1 35	1 26	15 37	1 22	1 53	15 23	0 57	4 36
F 17	13 35	11 34	3 0	6 33	4 45	2 9	0 4	22 12	0 26	21 52	0 34	11 38	2 17	23 33	0 16	3 30	1 36	1 25	15 37	1 23	1 51	15 24	0 57	4 36
S 18	13 16	14 14	3 49	6 52	4 42	2 40	0 0	22 17	0 25	21 53	0 34	11 40	2 17	23 32	0 16	3 30	1 36	1 25	15 37	1 23	1 50	15 25	0 56	4 36
S 19	12 57	16 18	4 27	7 14	4 38	3 11	0s 4	22 22	0 24	21 54	0 34	11 41	2 17	23 32	0 16	3 29	1 36	1 25	15 38	1 23	1 49	15 26	0 55	4 36
M20	12 37	17 40	4 55	7 38	4 32	3 41	0 8	22 27	0 23	21 55	0 34	11 43	2 16	23 32	0 16	3 29	1 36	1 25	15 38	1 22	1 48	15 27	0 54	4 36
T 21	12 17	18 15	5 9	8 4	4 24	4 12	0 12	22 31	0 22	21 56	0 34	11 44	2 16	23 32	0 16	3 29	1 36	1 24	15 38	1 21	1 46	15 28	0 53	4 36
W22	11 57	18 1	5 10	8 31	4 14	4 42	0 16	22 36	0 21	21 57	0 34	11 46	2 16	23 32	0 16	3 28	1 36	1 24	15 39	1 19	1 45	15 29	0 52	4 36
T 23	11 37	16 54	4 56	8 59	4 2	5 13	0 21	22 40	0 20	21 57	0 34	11 47	2 16	23 32	0 16	3 28	1 36	1 24	15 39	1 17	1 44	15 30	0 51	4 36
F 24	11 17	14 55	4 28	9 27	3 49	5 43	0 25	22 44	0 19	21 58	0 34	11 49	2 15	23 32	0 16	3 27	1 36	1 23	15 39	1 15	1 42	15 31	0 50	4 36
S 25	10 56	12 8	3 44	9 55	3 34	6 14	0 29	22 48	0 18	21 59	0 34	11 50	2 15	23 32	0 16	3 27	1 36	1 23	15 39	1 13	1 41	15 32	0 49	4 36
S 26	10 36	8 39	2 48	10 23	3 18	6 44	0 34	22 51	0 17	22 0	0 34	11 52	2 15	23 31	0 17	3 26	1 36	1 23	15 40	1 11	1 40	15 33	0 48	4 36
M27	10 15	4 38	1 40	10 50	3 1	7 14	0 38	22 55	0 16	22 1	0 34	11 53	2 15	23 31	0 17	3 26	1 36	1 22	15 40	1 10	1 39	15 34	0 47	4 36
T 28	9 54	0 19	0 26	11 15	2 44	7 44	0 43	22 58	0 15	22 2	0 34	11 55	2 15	23 31	0 17	3 25	1 36	1 22	15 40	1 10	1 37	15 35	0 46	4 36
W29	9 32	4n 5	0s51	11 38	2 25	8 13	0 47	23 1	0 14	22 2	0 34	11 57	2 14	23 31	0 17	3 25	1 36	1 22	15 41	1 10	1 36	15 36	0 45	4 36
T 30	9 11	8 16	2 6	12 0	2 7	8 43	0 52	23 4	0 13	22 3	0 34	11 58	2 14	23 31	0 17	3 24	1 36	1 21	15 41	1 10	1 35	15 37	0 44	4 36
F 31	8n50	11n59	3s13	12n18	1s48	9s12	0s56	23n 7	0s12	22s 4	0s34	12s 0	2n14	23n31	0n17	3n24	1s36	1n21	15s41	1s11	1s34	15s38	0n43	4n36

Julian Day Number = 2402814.5, Delta T = 6.70 sec
Ecliptic obliquity = 23°27'15, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°52'38, Lahiri = 21°59'38

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ASTRODIENST EPHEMERIS for the year 1866
geocentric

SEPTEMBER 1866 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 39 43	8♍17'29	24♉58	22♌38	22♎27	24♊38	22°R56	7♏52	7♋35	12°R17	15°R 7	3♎ 0	3♎52	27♏56	21°R 5	S 1
S 2	22 43 39	9°15'36	9♊11	22°52	23°34	25°14	22♑52	7°56	7°37	12♈16	15♉ 7	3°R 0	3°49	28° 2	21♓ 2	S 2
M 3	22 47 36	10°13'46	23°20	23°14	24°40	25°50	22°49	8° 1	7°39	12°15	15° 6	3° 0	3°46	28° 9	20°59	M 3
T 4	22 51 32	11°11'57	7♋23	23°45	25°46	26°26	22°46	8° 6	7°41	12°13	15° 6	2°58	3°43	28°16	20°56	T 4
W 5	22 55 29	12°10'10	21°18	24°25	26°52	27° 2	22°44	8°11	7°43	12°12	15° 5	2°56	3°40	28°23	20°54	W 5
T 6	22 59 25	13° 8'25	5♌ 2	25°12	27°58	27°38	22°41	8°16	7°45	12°10	15° 5	2°53	3°36	28°29	20°51	T 6
F 7	23 3 22	14° 6'42	18°35	26° 8	29° 4	28°13	22°39	8°21	7°47	12° 9	15° 5	2°50	3°33	28°36	20°48	F 7
S 8	23 7 19	15° 5'01	1♍53	27°10	0♏ 9	28°48	22°37	8°26	7°49	12° 8	15° 4	2°48	3°30	28°43	20°45	S 8
S 9	23 11 15	16° 3'22	14°56	28°19	1°14	29°24	22°35	8°32	7°50	12° 6	15° 4	2°46	3°27	28°49	20°42	S 9
M10	23 15 12	17° 1'45	27°44	29°35	2°19	29°58	22°33	8°37	7°52	12° 5	15° 3	2°D46	3°24	28°56	20°40	M10
T 11	23 19 8	18° 0'09	10♎16	0♍56	3°24	0♋33	22°31	8°42	7°54	12° 3	15° 3	2°46	3°20	29° 3	20°37	T 11
W12	23 23 5	18°58'35	22°34	2°23	4°29	1° 8	22°30	8°48	7°56	12° 2	15° 2	2°47	3°17	29° 9	20°34	W12
T 13	23 27 1	19°57'03	4♏40	3°54	5°33	1°42	22°29	8°53	7°57	12° 0	15° 1	2°48	3°14	29°16	20°31	T 13
F 14	23 30 58	20°55'33	16°38	5°30	6°38	2°16	22°28	8°59	7°59	11°59	15° 1	2°49	3°11	29°23	20°28	F 14
S 15	23 34 54	21°54'04	28°30	7° 8	7°42	2°50	22°27	9° 4	8° 0	11°57	15° 0	2°50	3° 8	29°30	20°26	S 15
S 16	23 38 51	22°52'37	10♐21	8°50	8°45	3°24	22°26	9°10	8° 2	11°56	15° 0	2°51	3° 5	29°36	20°23	S 16
M17	23 42 48	23°51'12	22°16	10°34	9°49	3°58	22°26	9°16	8° 3	11°54	14°59	2°R51	3° 1	29°43	20°20	M17
T 18	23 46 44	24°49'48	4♑19	12°20	10°52	4°31	22°25	9°22	8° 5	11°52	14°58	2°51	2°58	29°50	20°17	T 18
W19	23 50 41	25°48'26	16°35	14° 8	11°55	5° 4	22°D25	9°27	8° 6	11°51	14°58	2°50	2°55	29°56	20°14	W19
T 20	23 54 37	26°47'06	29° 8	15°57	12°58	5°37	22°26	9°33	8° 7	11°49	14°57	2°50	2°52	0♐ 3	20°12	T 20
F 21	23 58 34	27°45'47	12♒ 1	17°46	14° 1	6°10	22°26	9°39	8° 9	11°48	14°56	2°49	2°49	0°10	20° 9	F 21
S 22	0 2 30	28°44'30	25°16	19°36	15° 3	6°43	22°26	9°45	8°10	11°46	14°56	2°48	2°46	0°16	20° 6	S 22
S 23	0 6 27	29°43'15	8♓55	21°27	16° 5	7°15	22°27	9°51	8°11	11°44	14°55	2°48	2°42	0°23	20° 3	S 23
M24	0 10 23	0♎42'02	22°55	23°17	17° 7	7°47	22°28	9°57	8°12	11°43	14°54	2°48	2°39	0°30	20° 1	M24
T 25	0 14 20	1°40'51	7♈13	25° 7	18° 8	8°19	22°29	10° 3	8°13	11°41	14°53	2°D48	2°36	0°37	19°58	T 25
W26	0 18 17	2°39'41	21°44	26°57	19° 9	8°51	22°30	10° 9	8°14	11°40	14°53	2°R48	2°33	0°43	19°55	W26
T 27	0 22 13	3°38'34	6♉23	28°47	20°10	9°23	22°32	10°16	8°15	11°38	14°52	2°48	2°30	0°50	19°52	T 27
F 28	0 26 10	4°37'29	21° 3	0♎36	21°11	9°54	22°34	10°22	8°16	11°36	14°51	2°48	2°26	0°57	19°50	F 28
S 29	0 30 6	5°36'27	5♊38	2°25	22°11	10°25	22°36	10°28	8°17	11°35	14°50	2°48	2°23	1° 3	19°47	S 29
S 30	0 34 3	6♎35'27	20♊ 3	4♎12	23♏11	10♋56	22♑38	10♏35	8♋18	11♈33	14♉49	2♎47	2♎20	1♐10	19♓44	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n28	15n 0	4s 8	12n34	1s29	9s41	1s 1	23n10	0s11	22s 4	0s34	12s 2	2n14	23n31	0n17	3n23	1s36	1n20	15s41	1s12	1s32	15s39	0n42	4n36
S 2	8 6	17 6	4 48	12 47	1 11	10 11	1 6	23 12	0 10	22 5	0 35	12 4	2 14	23 31	0 17	3 22	1 36	1 20	15 42	1 12	1 31	15 40	0 41	4 36
M 3	7 44	18 7	5 10	12 57	0 53	10 39	1 11	23 15	0 9	22 5	0 35	12 5	2 13	23 31	0 17	3 22	1 36	1 20	15 42	1 12	1 30	15 41	0 40	4 36
T 4	7 22	18 2	5 14	13 3	0 35	11 8	1 15	23 17	0 8	22 6	0 35	12 7	2 13	23 31	0 17	3 21	1 36	1 19	15 42	1 11	1 29	15 42	0 38	4 36
W 5	7 0	16 51	4 59	13 6	0 19	11 36	1 20	23 19	0 6	22 6	0 35	12 9	2 13	23 30	0 17	3 21	1 36	1 19	15 42	1 10	1 27	15 43	0 37	4 36
T 6	6 38	14 42	4 27	13 5	0 3	12 5	1 25	23 21	0 5	22 7	0 35	12 11	2 13	23 30	0 17	3 20	1 36	1 19	15 43	1 9	1 26	15 43	0 36	4 36
F 7	6 15	11 46	3 40	13 1	0n12	12 33	1 30	23 22	0 4	22 7	0 35	12 12	2 13	23 30	0 17	3 20	1 36	1 18	15 43	1 8	1 25	15 44	0 35	4 36
S 8	5 53	8 17	2 42	12 53	0 26	13 0	1 35	23 24	0 3	22 8	0 35	12 14	2 12	23 30	0 17	3 19	1 36	1 18	15 43	1 7	1 24	15 45	0 34	4 36
S 9	5 30	4 27	1 37	12 41	0 39	13 28	1 39	23 25	0 2	22 8	0 35	12 16	2 12	23 30	0 17	3 18	1 36	1 18	15 44	1 6	1 22	15 46	0 33	4 36
M10	5 8	0 29	0 28	12 26	0 51	13 55	1 44	23 27	0 1	22 8	0 35	12 18	2 12	23 30	0 17	3 18	1 36	1 17	15 44	1 6	1 21	15 47	0 32	4 36
T 11	4 45	3s26	0n41	12 7	1 2	14 22	1 49	23 28	0n 1	22 9	0 35	12 20	2 12	23 30	0 17	3 17	1 36	1 17	15 44	1 6	1 20	15 48	0 31	4 36
W12	4 22	7 7	1 47	11 45	1 12	14 49	1 54	23 29	0 2	22 9	0 35	12 22	2 12	23 30	0 17	3 17	1 36	1 16	15 44	1 6	1 18	15 49	0 29	4 36
T 13	3 59	10 27	2 48	11 20	1 20	15 15	1 59	23 30	0 3	22 9	0 35	12 24	2 11	23 30	0 17	3 16	1 37	1 16	15 45	1 7	1 17	15 50	0 28	4 36
F 14	3 36	13 18	3 40	10 52	1 28	15 41	2 4	23 30	0 4	22 9	0 35	12 26	2 11	23 30	0 17	3 15	1 37	1 16	15 45	1 7	1 16	15 51	0 27	4 36
S 15	3 13	15 35	4 22	10 21	1 34	16 7	2 9	23 31	0 6	22 9	0 35	12 28	2 11	23 30	0 17	3 15	1 37	1 15	15 45	1 8	1 15	15 52	0 26	4 36
S 16	2 50	17 11	4 53	9 48	1 39	16 32	2 14	23 31	0 7	22 10	0 35	12 29	2 11	23 30	0 17	3 14	1 37	1 15	15 45	1 8	1 13	15 53	0 25	4 36
M17	2 27	18 2	5 12	9 12	1 43	16 57	2 19	23 32	0 8	22 10	0 35	12 31	2 11	23 30	0 17	3 14	1 37	1 14	15 46	1 8	1 12	15 54	0 24	4 36
T 18	2 3	18 6	5 17	8 35	1 47	17 22	2 23	23 32	0 9	22 10	0 35	12 33	2 11	23 29	0 17	3 13	1 37	1 14	15 46	1 8	1 11	15 55	0 22	4 36
W19	1 40	17 20	5 8	7 55	1 49	17 46	2 28	23 32	0 11	22 10	0 35	12 35	2 10	23 29	0 17	3 12	1 37	1 14	15 46	1 8	1 10	15 56	0 21	4 35
T 20	1 17	15 42	4 44	7 14	1 50	18 10	2 33	23 32	0 12	22 10	0 35	12 37	2 10	23 29	0 17	3 12	1 37	1 13	15 46	1 7	1 8	15 56	0 20	4 35
F 21	0 53	13 16	4 6	6 32	1 51	18 34	2 38	23 32	0 13	22 10	0 35	12 39	2 10	23 29	0 17	3 11	1 37	1 13	15 46	1 7	1 7	15 57	0 19	4 35
S 22	0 30	10 4	3 14	5 49	1 51	18 57	2 43	23 32	0 15	22 10	0 35	12 41	2 10	23 29	0 17	3 10	1 37	1 12	15 47	1 7	1 6	15 58	0 18	4 35
S 23	0 7	6 15	2 9	5 5	1 50	19 20	2 48	23 31	0 16	22 9	0 35	12 43	2 10	23 29	0 17	3 10	1 37	1 12	15 47	1 7	1 5	15 59	0 16	4 35
M24	0s17	1 59	0 55	4 20	1 48	19 43	2 52	23 31	0 17	22 9	0 35	12 46	2 10	23 29	0 17	3 9	1 37	1 12	15 47	1 7	1 3	16 0	0 15	4 35
T 25	0 40	2n29	0s24	3 34	1 46	20 5	2 57	23 30	0 19	22 9	0 35	12 48	2 9	23 29	0 17	3 8	1 37	1 11	15 47	1 7	1 2	16 1	0 14	4 35
W26	1 4	6 53	1 43	2 48	1 44	20 26	3 2	23 30	0 20	22 9	0 35	12 50	2 9	23 29	0 17	3 8	1 37	1 11	15 47	1 7	1 1	16 2	0 13	4 35
T 27	1 27	10 53	2 56	2 1	1 41	20 47	3 7	23 29	0 22	22 9	0 35	12 52	2 9	23 29	0 17	3 7	1 37	1 10	15 48	1 7	1 0	16 3	0 12	4 35
F 28	1 50	14 13	3 57	1 15	1 37	21 8	3 11	23 28	0 23	22 8	0 35	12 54	2 9	23 29	0 17	3 6	1 37	1 10	15 48	1 7	0 58	16 4	0 11	4 34
S 29	2 14	16 37	4 43	0 28	1 33	21 29	3 16	23 27	0 24	22 8	0 35	12 56	2 9	23 29	0 17	3 6	1 37	1 10	15 48	1 7	0 57	16 5	0 9	4 34
S 30	2s37	17n56	5s10	0s19	1n29	21s48	3s20	23n26	0n26	22s 8	0s35	12s58	2n 9	23n29	0n17	3n 5	1s37	1n 9	15s48	1s 7	0s56	16s 5	0n 8	4n34

Julian Day Number = 2402845.5, Delta T = 6.60 sec
Ecliptic obliquity = 23°27'15, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°52'42, Lahiri = 21°59'43

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ASTRODIENST EPHEMERIS for the year 1866
geocentric

OCTOBER 1866 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 37 59	7♎34'29	4♋14	6♎ 0	24♏10	11♋26	22♑40	10♏41	8♋19	11°R31	14°R48	2°D47	2♎17	1♐17	19°R42	M 1
T 2	0 41 56	8°33'33	18°10	7°46	25° 9	11°57	22°42	10°47	8°19	11♈30	14♉48	2♎47	2°14	1°23	19♓39	T 2
W 3	0 45 52	9°32'40	1♌50	9°32	26° 8	12°27	22°45	10°54	8°20	11°28	14°47	2°48	2°11	1°30	19°36	W 3
T 4	0 49 49	10°31'49	15°14	11°17	27° 6	12°57	22°48	11° 0	8°20	11°26	14°46	2°48	2° 7	1°37	19°34	T 4
F 5	0 53 45	11°31'00	28°22	13° 1	28° 4	13°26	22°51	11° 7	8°21	11°25	14°45	2°49	2° 4	1°44	19°31	F 5
S 6	0 57 42	12°30'14	11♍17	14°44	29° 1	13°55	22°54	11°14	8°21	11°23	14°44	2°50	2° 1	1°50	19°29	S 6
S 7	1 1 39	13°29'30	23°58	16°26	29°58	14°24	22°57	11°20	8°22	11°21	14°43	2°50	1°58	1°57	19°26	S 7
M 8	1 5 35	14°28'48	6♎28	18° 8	0♐55	14°53	23° 1	11°27	8°22	11°20	14°42	2°R50	1°55	2° 4	19°24	M 8
T 9	1 9 32	15°28'07	18°46	19°49	1°51	15°22	23° 5	11°34	8°23	11°18	14°41	2°50	1°51	2°10	19°21	T 9
W10	1 13 28	16°27'29	0♏55	21°29	2°47	15°50	23° 9	11°40	8°23	11°16	14°40	2°49	1°48	2°17	19°19	W10
T 11	1 17 25	17°26'53	12°55	23° 9	3°42	16°18	23°13	11°47	8°23	11°15	14°39	2°47	1°45	2°24	19°16	T 11
F 12	1 21 21	18°26'19	24°50	24°48	4°36	16°45	23°17	11°54	8°23	11°13	14°38	2°44	1°42	2°30	19°14	F 12
S 13	1 25 18	19°25'47	6♐41	26°26	5°30	17°12	23°22	12° 1	8°23	11°11	14°37	2°42	1°39	2°37	19°12	S 13
S 14	1 29 14	20°25'17	18°31	28° 3	6°24	17°39	23°26	12° 7	8°23	11°10	14°36	2°39	1°36	2°44	19° 9	S 14
M15	1 33 11	21°24'49	0♑25	29°40	7°16	18° 6	23°31	12°14	8°R23	11° 8	14°35	2°37	1°32	2°51	19° 7	M15
T 16	1 37 8	22°24'22	12°25	1♏16	8° 8	18°32	23°36	12°21	8°23	11° 6	14°34	2°36	1°29	2°57	19° 5	T 16
W17	1 41 4	23°23'57	24°38	2°51	9° 0	18°58	23°41	12°28	8°23	11° 5	14°33	2°D36	1°26	3° 4	19° 3	W17
T 18	1 45 1	24°23'34	7♒ 6	4°26	9°51	19°23	23°47	12°35	8°23	11° 3	14°32	2°36	1°23	3°11	19° 1	T 18
F 19	1 48 57	25°23'12	19°55	6° 0	10°41	19°49	23°52	12°42	8°23	11° 1	14°31	2°37	1°20	3°17	18°58	F 19
S 20	1 52 54	26°22'53	3♓ 8	7°34	11°30	20°13	23°58	12°49	8°23	11° 0	14°30	2°39	1°17	3°24	18°56	S 20
S 21	1 56 50	27°22'34	16°47	9° 7	12°19	20°38	24° 4	12°56	8°22	10°58	14°29	2°40	1°13	3°31	18°54	S 21
M22	2 0 47	28°22'18	0♈53	10°39	13° 7	21° 2	24°10	13° 3	8°22	10°57	14°28	2°R41	1°10	3°38	18°52	M22
T 23	2 4 43	29°22'04	15°24	12°11	13°53	21°26	24°16	13°10	8°21	10°55	14°27	2°41	1° 7	3°44	18°50	T 23
W24	2 8 40	0♏21'51	0♉15	13°42	14°39	21°49	24°22	13°17	8°21	10°54	14°26	2°39	1° 4	3°51	18°48	W24
T 25	2 12 37	1°21'41	15°17	15°13	15°25	22°12	24°29	13°24	8°20	10°52	14°25	2°36	1° 1	3°58	18°47	T 25
F 26	2 16 33	2°21'32	0♊23	16°43	16° 9	22°35	24°36	13°31	8°20	10°50	14°23	2°31	0°57	4° 4	18°45	F 26
S 27	2 20 30	3°21'26	15°23	18°13	16°52	22°57	24°42	13°38	8°19	10°49	14°22	2°27	0°54	4°11	18°43	S 27
S 28	2 24 26	4°21'22	0♋ 8	19°42	17°34	23°19	24°49	13°46	8°19	10°47	14°21	2°23	0°51	4°18	18°41	S 28
M29	2 28 23	5°21'20	14°32	21°11	18°15	23°40	24°57	13°53	8°18	10°46	14°20	2°20	0°48	4°25	18°39	M29
T 30	2 32 19	6°21'20	28°33	22°39	18°55	24° 1	25° 4	14° 0	8°17	10°44	14°19	2°18	0°45	4°31	18°38	T 30
W31	2 36 16	7♏21'22	12♌10	24♏ 6	19♐34	24♋22	25♑11	14♏ 7	8♋16	10♈43	14♉18	2°D18	0♎42	4♐38	18♓36	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s 0	18n 6	5s17	1s 6	1n24	22s 8	3s25	23n25	0n27	22s 7	0s35	13s 0	2n 9	23n29	0n17	3n 4	1s37	1n 9	15s48	1s 6	0s54	16s 6	0n 7	4n34
T 2	3 24	17 10	5 6	1 53	1 19	22 27	3 29	23 24	0 29	22 7	0 35	13 2	2 8	23 29	0 17	3 4	1 37	1 8	15 49	1 7	0 53	16 7	0 6	4 34
W 3	3 47	15 15	4 38	2 39	1 13	22 45	3 34	23 22	0 30	22 7	0 35	13 4	2 8	23 29	0 17	3 3	1 37	1 8	15 49	1 7	0 52	16 8	0 5	4 34
T 4	4 10	12 32	3 54	3 25	1 8	23 3	3 38	23 21	0 32	22 6	0 35	13 6	2 8	23 29	0 17	3 2	1 37	1 8	15 49	1 7	0 51	16 9	0 4	4 33
F 5	4 33	9 14	3 0	4 11	1 2	23 21	3 42	23 20	0 33	22 6	0 35	13 9	2 8	23 29	0 17	3 2	1 37	1 7	15 49	1 7	0 49	16 10	0 2	4 33
S 6	4 57	5 32	1 57	4 57	0 56	23 38	3 46	23 18	0 35	22 5	0 35	13 11	2 8	23 29	0 17	3 1	1 37	1 7	15 49	1 8	0 48	16 11	0 1	4 33
S 7	5 20	1 39	0 49	5 42	0 50	23 54	3 50	23 17	0 36	22 5	0 35	13 13	2 8	23 29	0 17	3 0	1 37	1 6	15 49	1 8	0 47	16 12	0 0	4 33
M 8	5 43	2s16	0n20	6 27	0 44	24 10	3 54	23 15	0 38	22 4	0 35	13 15	2 8	23 29	0 18	3 0	1 37	1 6	15 50	1 8	0 46	16 12	0s 1	4 33
T 9	6 6	6 1	1 27	7 11	0 37	24 26	3 58	23 13	0 40	22 3	0 35	13 17	2 8	23 29	0 18	2 59	1 37	1 6	15 50	1 8	0 44	16 13	0 2	4 33
W10	6 28	9 28	2 29	7 55	0 31	24 41	4 2	23 12	0 41	22 3	0 35	13 19	2 7	23 29	0 18	2 59	1 37	1 5	15 50	1 7	0 43	16 14	0 3	4 32
T 11	6 51	12 29	3 24	8 38	0 24	24 55	4 6	23 10	0 43	22 2	0 35	13 22	2 7	23 29	0 18	2 58	1 37	1 5	15 50	1 6	0 42	16 15	0 4	4 32
F 12	7 14	14 57	4 9	9 20	0 17	25 9	4 9	23 8	0 44	22 1	0 35	13 24	2 7	23 29	0 18	2 57	1 37	1 4	15 50	1 5	0 41	16 16	0 5	4 32
S 13	7 36	16 47	4 44	10 2	0 11	25 23	4 13	23 7	0 46	22 0	0 35	13 26	2 7	23 29	0 18	2 57	1 37	1 4	15 50	1 4	0 39	16 17	0 7	4 32
S 14	7 59	17 53	5 6	10 44	0 4	25 36	4 16	23 5	0 48	22 0	0 35	13 28	2 7	23 29	0 18	2 56	1 37	1 4	15 50	1 3	0 38	16 18	0 8	4 32
M15	8 21	18 12	5 15	11 24	0s 3	25 48	4 19	23 3	0 49	21 59	0 35	13 30	2 7	23 29	0 18	2 55	1 37	1 3	15 50	1 3	0 37	16 18	0 9	4 31
T 16	8 44	17 43	5 11	12 5	0 10	26 0	4 23	23 1	0 51	21 58	0 35	13 32	2 7	23 29	0 18	2 55	1 37	1 3	15 51	1 2	0 36	16 19	0 10	4 31
W17	9 6	16 25	4 52	12 44	0 17	26 11	4 26	22 59	0 53	21 57	0 35	13 35	2 7	23 29	0 18	2 54	1 37	1 2	15 51	1 2	0 34	16 20	0 11	4 31
T 18	9 28	14 19	4 20	13 23	0 24	26 22	4 28	22 57	0 55	21 56	0 35	13 37	2 7	23 29	0 18	2 53	1 37	1 2	15 51	1 2	0 33	16 21	0 12	4 31
F 19	9 49	11 28	3 34	14 1	0 30	26 32	4 31	22 55	0 56	21 55	0 35	13 39	2 7	23 29	0 18	2 53	1 37	1 2	15 51	1 3	0 32	16 22	0 13	4 31
S 20	10 11	7 57	2 36	14 38	0 37	26 42	4 34	22 53	0 58	21 54	0 35	13 41	2 7	23 29	0 18	2 52	1 37	1 1	15 51	1 3	0 30	16 23	0 14	4 30
S 21	10 33	3 54	1 26	15 14	0 44	26 51	4 36	22 52	1 0	21 53	0 35	13 43	2 6	23 29	0 18	2 52	1 37	1 1	15 51	1 4	0 29	16 24	0 15	4 30
M22	10 54	0n30	0 10	15 50	0 51	26 59	4 39	22 50	1 2	21 52	0 35	13 45	2 6	23 29	0 18	2 51	1 37	1 1	15 51	1 4	0 28	16 24	0 16	4 30
T 23	11 15	5 0	1s 9	16 25	0 57	27 8	4 41	22 48	1 4	21 51	0 35	13 48	2 6	23 29	0 18	2 50	1 37	1 0	15 51	1 4	0 27	16 25	0 17	4 30
W24	11 36	9 18	2 26	16 59	1 4	27 15	4 43	22 46	1 6	21 50	0 35	13 50	2 6	23 29	0 18	2 50	1 37	1 0	15 51	1 3	0 25	16 26	0 18	4 29
T 25	11 57	13 2	3 33	17 32	1 10	27 22	4 44	22 44	1 8	21 49	0 35	13 52	2 6	23 29	0 18	2 49	1 37	1 0	15 51	1 2	0 24	16 27	0 19	4 29
F 26	12 18	15 55	4 25	18 4	1 17	27 28	4 46	22 42	1 9	21 48	0 35	13 54	2 6	23 29	0 18	2 49	1 37	0 59	15 51	1 0	0 23	16 28	0 20	4 29
S 27	12 39	17 42	4 59	18 35	1 23	27 34	4 47	22 40	1 11	21 46	0 35	13 56	2 6	23 29	0 18	2 48	1 37	0 59	15 51	0 59	0 22	16 28	0 21	4 29
S 28	12 59	18 15	5 12	19 6	1 29	27 40	4 49	22 39	1 13	21 45	0 35	13 58	2 6	23 30	0 18	2 47	1 37	0 59	15 51	0 57	0 20	16 29	0 22	4 28
M29	13 19	17 36	5 5	19 35	1 35	27 44	4 49	22 37	1 15	21 44	0 35	14 1	2 6	23 30	0 18	2 47	1 37	0 58	15 51	0 56	0 19	16 30	0 23	4 28
T 30	13 39	15 53	4 40	20 4	1 41	27 49	4 50	22 35	1 17	21 42	0 35	14 3	2 6	23 30	0 18	2 46	1 37	0 58	15 51	0 55	0 18	16 31	0 23	4 28
W31	13s59	13n19	4s 0	20s31	1s46	27s52	4s51	22n34	1n19	21s41	0s35	14s 5	2n 6	23n30	0n18	2n46	1s37	0n58	15s51	0s55	0s17	16s32	0s24	4n28

Julian Day Number = 2402875.5, Delta T = 6.50 sec
Ecliptic obliquity = 23°27'15, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°52'46, Lahiri = 21°59'47

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1866
geocentric

NOVEMBER 1866 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 40 12	8♏21'27	25♌24	25♏33	20♐12	24♋42	25♑19	14♏14	8°R15	10°R42	14°R17	2♎19	0♎38	4♐45	18°R35	T 1
F 2	2 44 9	9°21'33	8♍19	26°59	20°48	25° 1	25°27	14°21	8♋14	10♈40	14♉16	2°21	0°35	4°51	18♓33	F 2
S 3	2 48 6	10°21'42	20°56	28°25	21°24	25°20	25°34	14°29	8°13	10°39	14°15	2°22	0°32	4°58	18°32	S 3
S 4	2 52 2	11°21'53	3♎20	29°50	21°57	25°39	25°42	14°36	8°12	10°37	14°13	2°R23	0°29	5° 5	18°30	S 4
M 5	2 55 59	12°22'05	15°34	1♐14	22°30	25°57	25°51	14°43	8°11	10°36	14°12	2°22	0°26	5°11	18°29	M 5
T 6	2 59 55	13°22'20	27°39	2°37	23° 1	26°14	25°59	14°50	8°10	10°35	14°11	2°19	0°22	5°18	18°28	T 6
W 7	3 3 52	14°22'37	9♏38	4° 0	23°30	26°31	26° 7	14°57	8° 9	10°33	14°10	2°14	0°19	5°25	18°26	W 7
T 8	3 7 48	15°22'55	21°33	5°21	23°58	26°48	26°16	15° 5	8° 8	10°32	14° 9	2° 7	0°16	5°32	18°25	T 8
F 9	3 11 45	16°23'15	3♐25	6°42	24°24	27° 4	26°25	15°12	8° 6	10°31	14° 8	1°58	0°13	5°38	18°24	F 9
S 10	3 15 41	17°23'36	15°16	8° 1	24°49	27°19	26°34	15°19	8° 5	10°29	14° 7	1°49	0°10	5°45	18°23	S 10
S 11	3 19 38	18°24'00	27° 7	9°19	25°12	27°34	26°43	15°26	8° 4	10°28	14° 6	1°40	0° 7	5°52	18°22	S 11
M12	3 23 34	19°24'24	9♑ 2	10°36	25°33	27°48	26°52	15°33	8° 2	10°27	14° 4	1°32	0° 3	5°58	18°21	M12
T 13	3 27 31	20°24'51	21° 2	11°51	25°52	28° 2	27° 1	15°41	8° 1	10°26	14° 3	1°26	0° 0	6° 5	18°20	T 13
W14	3 31 28	21°25'18	3♒12	13° 4	26° 9	28°15	27°10	15°48	7°59	10°25	14° 2	1°22	29♍57	6°12	18°19	W14
T 15	3 35 24	22°25'47	15°36	14°16	26°24	28°27	27°20	15°55	7°58	10°23	14° 1	1°20	29°54	6°19	18°18	T 15
F 16	3 39 21	23°26'17	28°17	15°25	26°37	28°39	27°29	16° 2	7°56	10°22	14° 0	1°D19	29°51	6°25	18°17	F 16
S 17	3 43 17	24°26'49	11♓22	16°31	26°48	28°50	27°39	16° 9	7°54	10°21	13°59	1°20	29°48	6°32	18°16	S 17
S 18	3 47 14	25°27'21	24°52	17°35	26°56	29° 1	27°49	16°16	7°53	10°20	13°58	1°R21	29°44	6°39	18°16	S 18
M19	3 51 10	26°27'55	8♈51	18°35	27° 2	29°11	27°59	16°23	7°51	10°19	13°57	1°21	29°41	6°45	18°15	M19
T 20	3 55 7	27°28'30	23°18	19°32	27° 6	29°20	28° 9	16°31	7°49	10°18	13°56	1°19	29°38	6°52	18°15	T 20
W21	3 59 3	28°29'07	8♉11	20°24	27°R 8	29°29	28°19	16°38	7°48	10°17	13°54	1°15	29°35	6°59	18°14	W21
T 22	4 3 0	29°29'44	23°23	21°11	27° 7	29°37	28°30	16°45	7°46	10°16	13°53	1° 8	29°32	7° 6	18°14	T 22
F 23	4 6 57	0♐30'24	8♊44	21°53	27° 4	29°44	28°40	16°52	7°44	10°15	13°52	0°59	29°28	7°12	18°13	F 23
S 24	4 10 53	1°31'04	24° 2	22°29	26°58	29°50	28°51	16°59	7°42	10°14	13°51	0°50	29°25	7°19	18°13	S 24
S 25	4 14 50	2°31'46	9♋ 6	22°58	26°50	29°56	29° 1	17° 6	7°40	10°13	13°50	0°41	29°22	7°26	18°13	S 25
M26	4 18 46	3°32'30	23°48	23°20	26°39	0♌ 1	29°12	17°13	7°38	10°13	13°49	0°33	29°19	7°32	18°12	M26
T 27	4 22 43	4°33'15	8♌ 2	23°33	26°26	0° 5	29°23	17°20	7°36	10°12	13°48	0°28	29°16	7°39	18°12	T 27
W28	4 26 39	5°34'02	21°46	23°R36	26°10	0° 9	29°34	17°27	7°34	10°11	13°47	0°25	29°13	7°46	18°12	W28
T 29	4 30 36	6°34'50	5♍ 2	23°30	25°52	0°12	29°45	17°34	7°32	10°10	13°46	0°D24	29° 9	7°53	18°D12	T 29
F 30	4 34 33	7♐35'39	17♍54	23♐13	25♐32	0♌14	29♑56	17♏41	7♋30	10♈ 9	13♉45	0♎24	29♍ 6	7♐59	18♓12	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s18	10n 6	3s 8	20s58	1s52	27s56	4s51	22n32	1n21	21s40	0s35	14s 7	2n 6	23n30	0n18	2n45	1s37	0n57	15s51	0s55	0s15	16s33	0s25	4n27
F 2	14 37	6 29	2 7	21 23	1 57	27 58	4 51	22 31	1 24	21 38	0 35	14 9	2 6	23 30	0 18	2 45	1 37	0 57	15 51	0 56	0 14	16 33	0 26	4 27
S 3	14 56	2 39	1 2	21 48	2 2	28 0	4 51	22 29	1 26	21 37	0 35	14 11	2 6	23 30	0 18	2 44	1 37	0 57	15 51	0 57	0 13	16 34	0 27	4 27
S 4	15 15	1s15	0n 5	22 11	2 7	28 2	4 50	22 28	1 28	21 35	0 35	14 14	2 6	23 30	0 18	2 44	1 37	0 56	15 51	0 57	0 11	16 35	0 28	4 27
M 5	15 33	5 2	1 11	22 33	2 11	28 3	4 49	22 27	1 30	21 34	0 35	14 16	2 6	23 30	0 18	2 43	1 37	0 56	15 51	0 56	0 10	16 36	0 28	4 26
T 6	15 52	8 35	2 13	22 54	2 15	28 4	4 48	22 25	1 32	21 32	0 35	14 18	2 6	23 30	0 18	2 43	1 37	0 56	15 51	0 55	0 9	16 37	0 29	4 26
W 7	16 10	11 44	3 8	23 14	2 19	28 4	4 46	22 24	1 34	21 31	0 35	14 20	2 6	23 30	0 18	2 42	1 36	0 55	15 51	0 53	0 8	16 37	0 30	4 26
T 8	16 27	14 23	3 54	23 33	2 23	28 3	4 45	22 23	1 37	21 29	0 35	14 22	2 6	23 30	0 18	2 42	1 36	0 55	15 51	0 50	0 6	16 38	0 31	4 25
F 9	16 45	16 25	4 30	23 50	2 26	28 2	4 42	22 22	1 39	21 27	0 35	14 24	2 6	23 31	0 18	2 41	1 36	0 55	15 51	0 47	0 5	16 39	0 31	4 25
S 10	17 2	17 45	4 55	24 7	2 29	28 1	4 40	22 22	1 41	21 26	0 35	14 26	2 5	23 31	0 18	2 41	1 36	0 55	15 51	0 43	0 4	16 40	0 32	4 25
S 11	17 19	18 19	5 6	24 21	2 32	27 59	4 37	22 21	1 43	21 24	0 35	14 28	2 5	23 31	0 18	2 40	1 36	0 54	15 51	0 40	0 3	16 40	0 33	4 25
M12	17 35	18 5	5 5	24 35	2 34	27 56	4 34	22 20	1 46	21 22	0 35	14 30	2 5	23 31	0 18	2 40	1 36	0 54	15 51	0 37	0 1	16 41	0 33	4 24
T 13	17 52	17 2	4 50	24 47	2 35	27 53	4 30	22 20	1 48	21 20	0 35	14 32	2 5	23 31	0 18	2 39	1 36	0 54	15 51	0 34	0 0	16 42	0 34	4 24
W14	18 8	15 13	4 21	24 58	2 36	27 50	4 26	22 20	1 50	21 19	0 35	14 35	2 5	23 31	0 18	2 39	1 36	0 54	15 51	0 32	0n 1	16 43	0 35	4 24
T 15	18 23	12 39	3 41	25 7	2 37	27 46	4 21	22 19	1 53	21 17	0 35	14 37	2 5	23 31	0 18	2 38	1 36	0 53	15 51	0 32	0 2	16 44	0 35	4 23
F 16	18 39	9 27	2 48	25 15	2 37	27 41	4 16	22 19	1 55	21 15	0 35	14 39	2 5	23 31	0 18	2 38	1 36	0 53	15 51	0 32	0 4	16 44	0 36	4 23
S 17	18 54	5 41	1 45	25 22	2 36	27 36	4 11	22 20	1 58	21 13	0 35	14 41	2 5	23 31	0 18	2 38	1 36	0 53	15 51	0 32	0 5	16 45	0 36	4 23
S 18	19 8	1 31	0 35	25 26	2 35	27 30	4 5	22 20	2 0	21 11	0 35	14 43	2 5	23 32	0 18	2 37	1 36	0 53	15 51	0 32	0 6	16 46	0 37	4 23
M19	19 23	2n54	0s40	25 30	2 32	27 24	3 59	22 20	2 3	21 9	0 35	14 45	2 5	23 32	0 18	2 37	1 36	0 52	15 51	0 32	0 7	16 47	0 37	4 22
T 20	19 37	7 17	1 55	25 31	2 29	27 17	3 52	22 21	2 5	21 7	0 35	14 47	2 5	23 32	0 19	2 37	1 36	0 52	15 51	0 32	0 9	16 47	0 38	4 22
W21	19 50	11 21	3 4	25 31	2 26	27 10	3 44	22 21	2 8	21 5	0 35	14 49	2 5	23 32	0 19	2 36	1 36	0 52	15 50	0 30	0 10	16 48	0 38	4 22
T 22	20 3	14 44	4 1	25 30	2 21	27 2	3 36	22 22	2 10	21 3	0 35	14 51	2 5	23 32	0 19	2 36	1 36	0 52	15 50	0 27	0 11	16 49	0 39	4 21
F 23	20 16	17 8	4 42	25 27	2 15	26 53	3 28	22 23	2 13	21 1	0 35	14 53	2 5	23 32	0 19	2 35	1 36	0 52	15 50	0 24	0 13	16 50	0 39	4 21
S 24	20 29	18 18	5 2	25 22	2 8	26 44	3 19	22 24	2 16	20 59	0 35	14 55	2 6	23 32	0 19	2 35	1 36	0 51	15 50	0 20	0 14	16 50	0 40	4 21
S 25	20 41	18 8	5 1	25 15	1 59	26 34	3 9	22 26	2 18	20 56	0 35	14 57	2 6	23 33	0 19	2 35	1 36	0 51	15 50	0 16	0 15	16 51	0 40	4 20
M26	20 52	16 46	4 40	25 6	1 49	26 24	2 59	22 27	2 21	20 54	0 35	14 59	2 6	23 33	0 19	2 35	1 36	0 51	15 50	0 13	0 16	16 52	0 40	4 20
T 27	21 4	14 23	4 2	24 56	1 38	26 12	2 48	22 29	2 24	20 52	0 35	15 0	2 6	23 33	0 19	2 34	1 36	0 51	15 50	0 11	0 18	16 53	0 41	4 20
W28	21 15	11 15	3 11	24 44	1 26	26 1	2 37	22 31	2 26	20 50	0 35	15 2	2 6	23 33	0 19	2 34	1 36	0 51	15 50	0 10	0 19	16 53	0 41	4 19
T 29	21 25	7 38	2 11	24 30	1 12	25 48	2 25	22 33	2 29	20 47	0 35	15 4	2 6	23 33	0 19	2 34	1 36	0 51	15 49	0 9	0 20	16 54	0 41	4 19
F 30	21s35	3n46	1s 6	24s13	0s57	25s35	2s13	22n35	2n32	20s45	0s35	15s 6	2n 6	23n33	0n19	2n33	1s36	0n50	15s49	0s10	0n21	16s55	0s42	4n19

Julian Day Number = 2402906.5, Delta T = 6.40 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°52'50, Lahiri = 21°59'51

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ASTRODIENST EPHEMERIS for the year 1866
geocentric

DECEMBER 1866 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 38 29	8♐36'30	0♎24	22°R45	25°R 9	0♌15	0♒ 7	17♏48	7°R28	10°R 9	13°R44	0°R24	29♍ 3	8♐ 6	18♓12	S 1
S 2	4 42 26	9°37'23	12°40	22♐ 6	24♐45	0°R15	0°19	17°55	7♋25	10♈ 8	13♉43	0♎24	29° 0	8°13	18°12	S 2
M 3	4 46 22	10°38'17	24°44	21°16	24°18	0°15	0°30	18° 1	7°23	10° 7	13°42	0°21	28°57	8°19	18°12	M 3
T 4	4 50 19	11°39'12	6♏40	20°16	23°50	0°13	0°42	18° 8	7°21	10° 7	13°41	0°15	28°54	8°26	18°13	T 4
W 5	4 54 15	12°40'08	18°33	19° 7	23°19	0°11	0°53	18°15	7°19	10° 6	13°40	0° 7	28°50	8°33	18°13	W 5
T 6	4 58 12	13°41'05	0♐24	17°51	22°48	0° 8	1° 5	18°22	7°16	10° 6	13°39	29♍55	28°47	8°40	18°13	T 6
F 7	5 2 8	14°42'04	12°15	16°30	22°15	0° 4	1°17	18°29	7°14	10° 5	13°38	29°42	28°44	8°46	18°14	F 7
S 8	5 6 5	15°43'03	24° 8	15° 7	21°40	29♋59	1°29	18°35	7°12	10° 5	13°37	29°27	28°41	8°53	18°14	S 8
S 9	5 10 2	16°44'04	6♑ 4	13°45	21° 5	29°54	1°41	18°42	7° 9	10° 4	13°36	29°13	28°38	9° 0	18°15	S 9
M10	5 13 58	17°45'05	18° 4	12°26	20°29	29°48	1°53	18°49	7° 7	10° 4	13°35	28°59	28°34	9° 6	18°15	M10
T 11	5 17 55	18°46'06	0♒10	11°14	19°53	29°41	2° 5	18°55	7° 5	10° 3	13°34	28°48	28°31	9°13	18°16	T 11
W12	5 21 51	19°47'09	12°24	10° 9	19°17	29°33	2°17	19° 2	7° 2	10° 3	13°34	28°40	28°28	9°20	18°17	W12
T 13	5 25 48	20°48'12	24°49	9°14	18°40	29°24	2°29	19° 8	7° 0	10° 3	13°33	28°35	28°25	9°27	18°17	T 13
F 14	5 29 44	21°49'15	7♓29	8°29	18° 4	29°14	2°42	19°15	6°57	10° 2	13°32	28°33	28°22	9°33	18°18	F 14
S 15	5 33 41	22°50'19	20°27	7°56	17°29	29° 3	2°54	19°21	6°55	10° 2	13°31	28°32	28°19	9°40	18°19	S 15
S 16	5 37 37	23°51'23	3♈47	7°33	16°54	28°52	3° 7	19°27	6°52	10° 2	13°30	28°32	28°15	9°47	18°20	S 16
M17	5 41 34	24°52'27	17°33	7°21	16°20	28°40	3°19	19°34	6°50	10° 2	13°29	28°32	28°12	9°53	18°21	M17
T 18	5 45 31	25°53'32	1♉46	7°D20	15°48	28°27	3°32	19°40	6°47	10° 2	13°29	28°29	28° 9	10° 0	18°22	T 18
W19	5 49 27	26°54'37	16°25	7°28	15°17	28°13	3°45	19°46	6°45	10° 2	13°28	28°23	28° 6	10° 7	18°23	W19
T 20	5 53 24	27°55'43	1♊27	7°45	14°48	27°59	3°58	19°52	6°42	10° 2	13°27	28°15	28° 3	10°14	18°24	T 20
F 21	5 57 20	28°56'48	16°42	8°10	14°21	27°43	4°10	19°59	6°40	10°D 2	13°26	28° 4	28° 0	10°20	18°26	F 21
S 22	6 1 17	29°57'55	2♋ 0	8°42	13°55	27°27	4°23	20° 5	6°37	10° 2	13°26	27°53	27°56	10°27	18°27	S 22
S 23	6 5 13	0♑59'01	17°10	9°21	13°32	27°10	4°36	20°11	6°34	10° 2	13°25	27°41	27°53	10°34	18°28	S 23
M24	6 9 10	2° 0'08	2♌ 2	10° 6	13°11	26°53	4°49	20°17	6°32	10° 2	13°24	27°31	27°50	10°40	18°29	M24
T 25	6 13 6	3° 1'16	16°27	10°55	12°52	26°35	5° 3	20°23	6°29	10° 2	13°23	27°23	27°47	10°47	18°31	T 25
W26	6 17 3	4° 2'24	0♍22	11°49	12°36	26°16	5°16	20°29	6°27	10° 2	13°23	27°19	27°44	10°54	18°32	W26
T 27	6 21 0	5° 3'32	13°47	12°47	12°22	25°57	5°29	20°34	6°24	10° 2	13°22	27°17	27°40	11° 1	18°34	T 27
F 28	6 24 56	6° 4'41	26°44	13°49	12°11	25°36	5°42	20°40	6°21	10° 2	13°21	27°D16	27°37	11° 7	18°35	F 28
S 29	6 28 53	7° 5'50	9♎17	14°54	12° 2	25°16	5°56	20°46	6°19	10° 2	13°21	27°R16	27°34	11°14	18°37	S 29
S 30	6 32 49	8° 7'00	21°32	16° 2	11°56	24°55	6° 9	20°52	6°16	10° 3	13°20	27°15	27°31	11°21	18°39	S 30
M31	6 36 46	9♑ 8'10	3♏34	17♐12	11♐52	24♋33	6♒22	20♏57	6♋14	10♈ 3	13♉20	27♍13	27♍28	11♐27	18♓40	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s45	0s10	0n 0	23s55	0s40	25s22	2s 0	22n38	2n35	20s43	0s35	15s 8	2n 6	23n33	0n19	2n33	1s36	0n50	15s49	0s10	0n23	16s55	0s42	4n19
S 2	21 54	4 1	1 5	23 35	0 22	25 7	1 47	22 40	2 37	20 40	0 35	15 10	2 6	23 33	0 19	2 33	1 36	0 50	15 49	0 9	0 24	16 56	0 42	4 18
M 3	22 3	7 38	2 5	23 13	0 3	24 53	1 33	22 43	2 40	20 38	0 35	15 12	2 6	23 34	0 19	2 33	1 36	0 50	15 49	0 8	0 25	16 57	0 42	4 18
T 4	22 12	10 55	3 0	22 49	0n17	24 37	1 19	22 46	2 43	20 35	0 35	15 14	2 6	23 34	0 19	2 33	1 36	0 50	15 49	0 6	0 26	16 58	0 43	4 18
W 5	22 20	13 44	3 46	22 23	0 38	24 21	1 4	22 49	2 46	20 33	0 35	15 15	2 6	23 34	0 19	2 32	1 35	0 50	15 48	0 3	0 28	16 58	0 43	4 17
T 6	22 27	15 59	4 22	21 56	0 58	24 5	0 49	22 53	2 49	20 30	0 35	15 17	2 6	23 34	0 19	2 32	1 35	0 50	15 48	0n 2	0 29	16 59	0 43	4 17
F 7	22 35	17 32	4 47	21 29	1 18	23 48	0 34	22 56	2 51	20 28	0 35	15 19	2 6	23 34	0 19	2 32	1 35	0 50	15 48	0 7	0 30	17 0	0 43	4 17
S 8	22 41	18 21	4 59	21 2	1 36	23 30	0 19	23 0	2 54	20 25	0 35	15 21	2 6	23 34	0 19	2 32	1 35	0 50	15 48	0 13	0 32	17 0	0 43	4 16
S 9	22 48	18 21	4 58	20 35	1 54	23 13	0 3	23 4	2 57	20 22	0 35	15 23	2 6	23 34	0 19	2 32	1 35	0 50	15 48	0 19	0 33	17 1	0 43	4 16
M10	22 53	17 33	4 44	20 10	2 9	22 54	0n12	23 8	3 0	20 20	0 35	15 24	2 6	23 35	0 19	2 32	1 35	0 50	15 47	0 24	0 34	17 2	0 43	4 16
T 11	22 59	15 56	4 17	19 47	2 22	22 36	0 28	23 12	3 3	20 17	0 35	15 26	2 6	23 35	0 19	2 32	1 35	0 50	15 47	0 29	0 35	17 3	0 43	4 15
W12	23 4	13 36	3 38	19 27	2 33	22 18	0 44	23 17	3 6	20 14	0 35	15 28	2 6	23 35	0 19	2 31	1 35	0 49	15 47	0 32	0 37	17 3	0 43	4 15
T 13	23 8	10 37	2 48	19 11	2 42	21 59	0 59	23 21	3 8	20 12	0 35	15 29	2 6	23 35	0 19	2 31	1 35	0 49	15 47	0 34	0 38	17 4	0 43	4 15
F 14	23 12	7 5	1 49	18 58	2 48	21 41	1 14	23 26	3 11	20 9	0 35	15 31	2 7	23 35	0 19	2 31	1 35	0 49	15 47	0 35	0 39	17 5	0 43	4 15
S 15	23 16	3 8	0 43	18 49	2 52	21 23	1 30	23 31	3 14	20 6	0 36	15 33	2 7	23 35	0 19	2 31	1 35	0 49	15 46	0 35	0 40	17 5	0 43	4 14
S 16	23 19	1n 5	0s28	18 43	2 54	21 5	1 44	23 36	3 17	20 3	0 36	15 34	2 7	23 35	0 19	2 31	1 35	0 49	15 46	0 35	0 42	17 6	0 43	4 14
M17	23 21	5 22	1 39	18 41	2 55	20 47	1 59	23 41	3 19	20 0	0 36	15 36	2 7	23 36	0 19	2 31	1 35	0 49	15 46	0 35	0 43	17 7	0 43	4 14
T 18	23 23	9 30	2 46	18 42	2 54	20 30	2 13	23 47	3 22	19 57	0 36	15 38	2 7	23 36	0 19	2 31	1 35	0 49	15 46	0 36	0 44	17 7	0 43	4 13
W19	23 25	13 11	3 44	18 46	2 51	20 13	2 27	23 52	3 25	19 54	0 36	15 39	2 7	23 36	0 19	2 31	1 35	0 49	15 45	0 38	0 45	17 8	0 43	4 13
T 20	23 26	16 5	4 28	18 52	2 47	19 56	2 40	23 58	3 27	19 51	0 36	15 41	2 7	23 36	0 19	2 31	1 35	0 49	15 45	0 42	0 47	17 9	0 43	4 13
F 21	23 27	17 54	4 54	19 1	2 42	19 41	2 53	24 3	3 30	19 48	0 36	15 42	2 7	23 36	0 19	2 31	1 35	0 49	15 45	0 46	0 48	17 9	0 42	4 12
S 22	23 27	18 27	4 59	19 11	2 37	19 26	3 5	24 9	3 32	19 45	0 36	15 44	2 7	23 36	0 19	2 31	1 35	0 50	15 45	0 51	0 49	17 10	0 42	4 12
S 23	23 27	17 40	4 43	19 23	2 31	19 11	3 16	24 15	3 35	19 42	0 36	15 45	2 7	23 36	0 19	2 31	1 35	0 50	15 44	0 55	0 50	17 11	0 42	4 12
M24	23 26	15 41	4 8	19 36	2 24	18 58	3 27	24 21	3 37	19 39	0 36	15 47	2 7	23 37	0 19	2 31	1 35	0 50	15 44	0 59	0 52	17 11	0 42	4 12
T 25	23 25	12 46	3 18	19 51	2 16	18 45	3 38	24 27	3 40	19 36	0 36	15 48	2 8	23 37	0 19	2 32	1 35	0 50	15 44	1 2	0 53	17 12	0 41	4 11
W26	23 24	9 13	2 17	20 5	2 9	18 33	3 48	24 33	3 42	19 33	0 36	15 50	2 8	23 37	0 19	2 32	1 34	0 50	15 44	1 4	0 54	17 13	0 41	4 11
T 27	23 21	5 18	1 11	20 21	2 1	18 23	3 57	24 39	3 45	19 29	0 36	15 51	2 8	23 37	0 19	2 32	1 34	0 50	15 43	1 5	0 56	17 13	0 41	4 11
F 28	23 19	1 15	0 3	20 36	1 53	18 12	4 6	24 45	3 47	19 26	0 36	15 52	2 8	23 37	0 19	2 32	1 34	0 50	15 43	1 5	0 57	17 14	0 40	4 10
S 29	23 16	2s43	1n 3	20 52	1 44	18 3	4 14	24 51	3 49	19 23	0 36	15 54	2 8	23 37	0 19	2 32	1 34	0 50	15 43	1 5	0 58	17 15	0 40	4 10
S 30	23 12	6 28	2 5	21 8	1 36	17 55	4 21	24 57	3 51	19 20	0 36	15 55	2 8	23 37	0 19	2 32	1 34	0 50	15 42	1 5	0 59	17 15	0 40	4 10
M31	23s 8	9s54	2n59	21s23	1n27	17s48	4n28	25n 3	3n53	19s16	0s36	15s57	2n 8	23n38	0n19	2n32	1s34	0n50	15s42	1n 6	1n 1	17s16	0s39	4n10

Julian Day Number = 2402936.5, Delta T = 6.30 sec
Ecliptic obliquity = 23°27'14, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°52'55, Lahiri = 21°59'55

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ASTRODIENST EPHEMERIS for the year 1867
geocentric

JANUARY 1867 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 40 42	10♑ 9'21	15♏28	18♐24	11°D50	24°R11	6♒36	21♏ 3	6°R11	10♈ 3	13°R19	27°R 8	27♍25	11♐34	18♓42	T 1
W 2	6 44 39	11°10'32	27°18	19°38	11♐51	23♋49	6°49	21° 8	6♋ 9	10° 4	13♉19	27♍ 0	27°21	11°41	18°44	W 2
T 3	6 48 35	12°11'43	9♐ 8	20°54	11°55	23°26	7° 3	21°14	6° 6	10° 4	13°18	26°49	27°18	11°48	18°46	T 3
F 4	6 52 32	13°12'54	21° 1	22°12	12° 1	23° 3	7°17	21°19	6° 3	10° 5	13°18	26°36	27°15	11°54	18°48	F 4
S 5	6 56 29	14°14'05	2♑58	23°31	12° 9	22°39	7°30	21°24	6° 1	10° 5	13°17	26°22	27°12	12° 1	18°50	S 5
S 6	7 0 25	15°15'16	15° 1	24°51	12°20	22°15	7°44	21°29	5°58	10° 6	13°17	26° 8	27° 9	12° 8	18°52	S 6
M 7	7 4 22	16°16'27	27°12	26°12	12°32	21°52	7°58	21°35	5°56	10° 6	13°16	25°55	27° 6	12°15	18°54	M 7
T 8	7 8 18	17°17'37	9♒29	27°34	12°47	21°28	8°12	21°40	5°53	10° 7	13°16	25°44	27° 2	12°21	18°56	T 8
W 9	7 12 15	18°18'48	21°56	28°58	13° 4	21° 4	8°25	21°45	5°51	10° 7	13°15	25°37	26°59	12°28	18°58	W 9
T 10	7 16 11	19°19'57	4♓32	0♑22	13°23	20°40	8°39	21°50	5°48	10° 8	13°15	25°32	26°56	12°35	19° 0	T 10
F 11	7 20 8	20°21'06	17°21	1°47	13°43	20°15	8°53	21°54	5°46	10° 9	13°15	25°30	26°53	12°41	19° 3	F 11
S 12	7 24 4	21°22'15	0♈23	3°13	14° 6	19°52	9° 7	21°59	5°43	10°10	13°14	25°D30	26°50	12°48	19° 5	S 12
S 13	7 28 1	22°23'23	13°43	4°40	14°31	19°28	9°21	22° 4	5°41	10°10	13°14	25°30	26°46	12°55	19° 7	S 13
M14	7 31 58	23°24'30	27°21	6° 7	14°57	19° 4	9°35	22° 9	5°38	10°11	13°14	25°R30	26°43	13° 2	19°10	M14
T 15	7 35 54	24°25'36	11♉21	7°35	15°25	18°41	9°49	22°13	5°36	10°12	13°13	25°29	26°40	13° 8	19°12	T 15
W16	7 39 51	25°26'42	25°42	9° 4	15°54	18°17	10° 3	22°18	5°33	10°13	13°13	25°25	26°37	13°15	19°15	W16
T 17	7 43 47	26°27'47	10♊21	10°33	16°25	17°54	10°17	22°22	5°31	10°14	13°13	25°19	26°34	13°22	19°17	T 17
F 18	7 47 44	27°28'51	25°14	12° 3	16°58	17°32	10°31	22°26	5°29	10°15	13°13	25°11	26°31	13°28	19°20	F 18
S 19	7 51 40	28°29'54	10♋13	13°33	17°32	17°10	10°45	22°31	5°26	10°16	13°13	25° 2	26°27	13°35	19°22	S 19
S 20	7 55 37	29°30'57	25° 9	15° 4	18° 8	16°48	11° 0	22°35	5°24	10°17	13°12	24°53	26°24	13°42	19°25	S 20
M21	7 59 33	0♒31'59	9♌52	16°36	18°44	16°27	11°14	22°39	5°22	10°18	13°12	24°45	26°21	13°49	19°28	M21
T 22	8 3 30	1°33'00	24°15	18° 8	19°22	16° 6	11°28	22°43	5°20	10°19	13°12	24°39	26°18	13°55	19°30	T 22
W23	8 7 27	2°34'00	8♍13	19°41	20° 2	15°46	11°42	22°47	5°17	10°20	13°12	24°36	26°15	14° 2	19°33	W23
T 24	8 11 23	3°35'00	21°43	21°15	20°42	15°26	11°56	22°51	5°15	10°21	13°12	24°D34	26°12	14° 9	19°36	T 24
F 25	8 15 20	4°35'59	4♎47	22°49	21°24	15° 7	12°11	22°54	5°13	10°22	13°12	24°35	26° 8	14°15	19°39	F 25
S 26	8 19 16	5°36'57	17°27	24°24	22° 7	14°49	12°25	22°58	5°11	10°23	13°12	24°36	26° 5	14°22	19°42	S 26
S 27	8 23 13	6°37'55	29°47	25°59	22°51	14°31	12°39	23° 1	5° 9	10°24	13°D12	24°37	26° 2	14°29	19°45	S 27
M28	8 27 9	7°38'52	11♏52	27°36	23°36	14°14	12°53	23° 5	5° 7	10°26	13°12	24°R37	25°59	14°36	19°48	M28
T 29	8 31 6	8°39'49	23°48	29°12	24°22	13°57	13° 8	23° 8	5° 5	10°27	13°12	24°36	25°56	14°42	19°51	T 29
W30	8 35 2	9°40'45	5♐39	0♒50	25° 8	13°41	13°22	23°12	5° 3	10°28	13°12	24°32	25°52	14°49	19°54	W30
T 31	8 38 59	10♒41'40	17♐30	2♒28	25♐56	13♋26	13♒36	23♏15	5♋ 1	10♈29	13♉12	24♍27	25♍49	14♐56	19♓57	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 4	12s53	3n46	21s38	1n19	17s41	4n34	25n 8	3n55	19s13	0s36	15s58	2n 8	23n38	0n19	2n33	1s34	0n50	15s42	1n 9	1n 2	17s17	0s39	4n 9
W 2	22 59	15 19	4 22	21 53	1 10	17 36	4 40	25 14	3 57	19 10	0 36	15 59	2 8	23 38	0 19	2 33	1 34	0 51	15 42	1 12	1 3	17 17	0 38	4 9
T 3	22 54	17 7	4 47	22 7	1 2	17 31	4 45	25 20	3 58	19 6	0 36	16 0	2 9	23 38	0 19	2 33	1 34	0 51	15 41	1 16	1 4	17 18	0 38	4 9
F 4	22 48	18 10	4 59	22 20	0 53	17 27	4 50	25 26	4 0	19 3	0 36	16 2	2 9	23 38	0 19	2 33	1 34	0 51	15 41	1 21	1 6	17 19	0 37	4 8
S 5	22 42	18 27	4 59	22 33	0 45	17 24	4 54	25 31	4 2	18 59	0 36	16 3	2 9	23 38	0 19	2 33	1 34	0 51	15 41	1 27	1 7	17 19	0 37	4 8
S 6	22 35	17 53	4 45	22 45	0 36	17 22	4 58	25 37	4 3	18 56	0 36	16 4	2 9	23 38	0 19	2 34	1 34	0 51	15 40	1 32	1 8	17 20	0 36	4 8
M 7	22 28	16 31	4 18	22 56	0 28	17 20	5 1	25 42	4 4	18 52	0 36	16 5	2 9	23 38	0 19	2 34	1 34	0 51	15 40	1 37	1 9	17 21	0 36	4 8
T 8	22 20	14 22	3 39	23 6	0 20	17 19	5 4	25 47	4 6	18 49	0 36	16 7	2 9	23 39	0 19	2 34	1 34	0 52	15 40	1 42	1 11	17 21	0 35	4 7
W 9	22 12	11 33	2 48	23 15	0 12	17 19	5 6	25 52	4 7	18 45	0 36	16 8	2 9	23 39	0 19	2 34	1 34	0 52	15 39	1 45	1 12	17 22	0 35	4 7
T 10	22 4	8 9	1 49	23 23	0 4	17 19	5 8	25 57	4 8	18 42	0 37	16 9	2 10	23 39	0 19	2 35	1 34	0 52	15 39	1 47	1 13	17 22	0 34	4 7
F 11	21 55	4 20	0 43	23 30	0s 4	17 20	5 10	26 1	4 9	18 38	0 37	16 10	2 10	23 39	0 19	2 35	1 34	0 52	15 39	1 47	1 14	17 23	0 33	4 7
S 12	21 45	0 15	0s26	23 36	0 11	17 21	5 11	26 6	4 10	18 35	0 37	16 11	2 10	23 39	0 19	2 35	1 34	0 52	15 38	1 48	1 16	17 24	0 33	4 6
S 13	21 36	3n57	1 36	23 41	0 19	17 23	5 12	26 10	4 10	18 31	0 37	16 12	2 10	23 39	0 19	2 36	1 34	0 53	15 38	1 47	1 17	17 24	0 32	4 6
M14	21 25	8 2	2 41	23 45	0 26	17 25	5 13	26 14	4 11	18 27	0 37	16 13	2 10	23 39	0 19	2 36	1 34	0 53	15 38	1 47	1 18	17 25	0 31	4 6
T 15	21 15	11 46	3 39	23 47	0 33	17 28	5 13	26 18	4 11	18 23	0 37	16 14	2 10	23 39	0 19	2 36	1 33	0 53	15 37	1 48	1 20	17 25	0 30	4 6
W16	21 4	14 54	4 25	23 48	0 40	17 31	5 13	26 22	4 12	18 20	0 37	16 15	2 11	23 39	0 19	2 37	1 33	0 53	15 37	1 49	1 21	17 26	0 30	4 5
T 17	20 52	17 9	4 54	23 48	0 46	17 35	5 12	26 25	4 12	18 16	0 37	16 16	2 11	23 40	0 19	2 37	1 33	0 54	15 37	1 52	1 22	17 27	0 29	4 5
F 18	20 41	18 18	5 5	23 47	0 53	17 39	5 12	26 28	4 12	18 12	0 37	16 17	2 11	23 40	0 19	2 38	1 33	0 54	15 36	1 55	1 23	17 27	0 28	4 5
S 19	20 28	18 10	4 54	23 45	0 59	17 43	5 11	26 31	4 12	18 8	0 37	16 18	2 11	23 40	0 19	2 38	1 33	0 54	15 36	1 58	1 25	17 28	0 27	4 5
S 20	20 16	16 48	4 24	23 41	1 5	17 47	5 10	26 34	4 12	18 5	0 37	16 19	2 11	23 40	0 19	2 39	1 33	0 54	15 36	2 2	1 26	17 28	0 27	4 4
M21	20 3	14 19	3 36	23 36	1 11	17 52	5 8	26 37	4 12	18 1	0 37	16 20	2 11	23 40	0 19	2 39	1 33	0 55	15 35	2 5	1 27	17 29	0 26	4 4
T 22	19 50	11 0	2 35	23 29	1 16	17 56	5 6	26 39	4 12	17 57	0 37	16 20	2 11	23 40	0 19	2 39	1 33	0 55	15 35	2 7	1 28	17 30	0 25	4 4
W23	19 36	7 9	1 27	23 21	1 22	18 1	5 4	26 41	4 12	17 53	0 37	16 21	2 12	23 40	0 19	2 40	1 33	0 55	15 35	2 9	1 30	17 30	0 24	4 4
T 24	19 22	3 3	0 15	23 12	1 27	18 6	5 2	26 43	4 11	17 49	0 37	16 22	2 12	23 40	0 19	2 40	1 33	0 56	15 34	2 9	1 31	17 31	0 23	4 4
F 25	19 7	1s 4	0n55	23 2	1 32	18 11	5 0	26 45	4 11	17 45	0 37	16 23	2 12	23 40	0 19	2 41	1 33	0 56	15 34	2 9	1 32	17 31	0 22	4 3
S 26	18 53	5 0	2 0	22 50	1 36	18 16	4 57	26 46	4 10	17 41	0 38	16 24	2 12	23 40	0 19	2 41	1 33	0 56	15 34	2 9	1 33	17 32	0 21	4 3
S 27	18 38	8 37	2 58	22 36	1 40	18 21	4 55	26 48	4 10	17 37	0 38	16 24	2 12	23 40	0 19	2 42	1 33	0 56	15 33	2 8	1 35	17 32	0 20	4 3
M28	18 22	11 48	3 47	22 21	1 44	18 26	4 52	26 49	4 9	17 33	0 38	16 25	2 13	23 41	0 19	2 42	1 33	0 57	15 33	2 8	1 36	17 33	0 19	4 3
T 29	18 6	14 27	4 25	22 5	1 48	18 31	4 49	26 50	4 8	17 29	0 38	16 26	2 13	23 41	0 19	2 43	1 33	0 57	15 33	2 9	1 37	17 34	0 18	4 2
W30	17 50	16 28	4 52	21 47	1 51	18 36	4 46	26 51	4 7	17 25	0 38	16 26	2 13	23 41	0 19	2 43	1 33	0 58	15 32	2 10	1 38	17 34	0 17	4 2
T 31	17s34	17s47	5n 6	21s28	1s54	18s41	4n42	26n51	4n 6	17s21	0s38	16s27	2n13	23n41	0n19	2n44	1s33	0n58	15s32	2n12	1n40	17s35	0s16	4n 2

Julian Day Number = 2402967.5, Delta T = 6.19 sec
Ecliptic obliquity = 23°27'14, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°52'59, Lahiri = 21°59'59

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ASTRODIENST EPHEMERIS for the year 1867
geocentric

FEBRUARY 1867 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 42 56	11♒42'34	29♐25	4♒ 7	26♐45	13°R12	13♒51	23♏18	4°R59	10♈31	13♉12	24°R20	25♍46	15♐ 3	20♓ 0	F 1
S 2	8 46 52	12°43'27	11♑27	5°46	27°34	12♋58	14° 5	23°21	4♋57	10°32	13°12	24♍12	25°43	15° 9	20° 3	S 2
S 3	8 50 49	13°44'20	23°38	7°27	28°24	12°46	14°19	23°24	4°55	10°34	13°12	24° 4	25°40	15°16	20° 6	S 3
M 4	8 54 45	14°45'11	6♒ 0	9° 8	29°15	12°34	14°34	23°27	4°53	10°35	13°12	23°56	25°37	15°23	20° 9	M 4
T 5	8 58 42	15°46'01	18°33	10°50	0♑ 7	12°23	14°48	23°30	4°51	10°36	13°13	23°50	25°33	15°29	20°12	T 5
W 6	9 2 38	16°46'50	1♓17	12°32	0°59	12°12	15° 2	23°32	4°49	10°38	13°13	23°46	25°30	15°36	20°15	W 6
T 7	9 6 35	17°47'37	14°14	14°16	1°52	12° 3	15°16	23°35	4°48	10°39	13°13	23°44	25°27	15°43	20°19	T 7
F 8	9 10 31	18°48'23	27°22	16° 0	2°46	11°54	15°31	23°37	4°46	10°41	13°13	23°D44	25°24	15°50	20°22	F 8
S 9	9 14 28	19°49'07	10♈42	17°45	3°40	11°46	15°45	23°40	4°44	10°43	13°14	23°44	25°21	15°56	20°25	S 9
S 10	9 18 25	20°49'50	24°14	19°31	4°35	11°39	15°59	23°42	4°43	10°44	13°14	23°46	25°17	16° 3	20°29	S 10
M11	9 22 21	21°50'32	7♉59	21°17	5°31	11°32	16°14	23°44	4°41	10°46	13°14	23°48	25°14	16°10	20°32	M11
T 12	9 26 18	22°51'11	21°57	23° 5	6°27	11°27	16°28	23°46	4°40	10°47	13°15	23°R48	25°11	16°16	20°35	T 12
W13	9 30 14	23°51'49	6♊ 6	24°53	7°23	11°22	16°42	23°48	4°38	10°49	13°15	23°48	25° 8	16°23	20°39	W13
T 14	9 34 11	24°52'25	20°26	26°42	8°20	11°18	16°57	23°50	4°37	10°51	13°15	23°46	25° 5	16°30	20°42	T 14
F 15	9 38 7	25°53'00	4♋54	28°32	9°18	11°15	17°11	23°52	4°36	10°53	13°16	23°42	25° 2	16°37	20°46	F 15
S 16	9 42 4	26°53'32	19°24	0♓22	10°16	11°13	17°25	23°53	4°34	10°54	13°16	23°39	24°58	16°43	20°49	S 16
S 17	9 46 0	27°54'03	3♌51	2°13	11°14	11°11	17°39	23°55	4°33	10°56	13°16	23°35	24°55	16°50	20°52	S 17
M18	9 49 57	28°54'33	18°10	4° 5	12°13	11°10	17°53	23°57	4°32	10°58	13°17	23°31	24°52	16°57	20°56	M18
T 19	9 53 54	29°55'00	2♍15	5°57	13°12	11°D10	18° 8	23°58	4°31	11° 0	13°17	23°29	24°49	17° 4	20°59	T 19
W20	9 57 50	0♓55'26	16° 1	7°49	14°12	11°11	18°22	23°59	4°30	11° 1	13°18	23°28	24°46	17°10	21° 3	W20
T 21	10 1 47	1°55'50	29°26	9°42	15°12	11°12	18°36	24° 0	4°28	11° 3	13°18	23°D27	24°43	17°17	21° 7	T 21
F 22	10 5 43	2°56'13	12♎29	11°34	16°13	11°14	18°50	24° 1	4°27	11° 5	13°19	23°28	24°39	17°24	21°10	F 22
S 23	10 9 40	3°56'34	25°11	13°27	17°14	11°17	19° 4	24° 2	4°26	11° 7	13°20	23°30	24°36	17°30	21°14	S 23
S 24	10 13 36	4°56'54	7♏35	15°19	18°15	11°21	19°18	24° 3	4°26	11° 9	13°20	23°31	24°33	17°37	21°17	S 24
M25	10 17 33	5°57'13	19°44	17°10	19°17	11°25	19°32	24° 4	4°25	11°11	13°21	23°33	24°30	17°44	21°21	M25
T 26	10 21 29	6°57'30	1♐43	19° 1	20°19	11°30	19°46	24° 5	4°24	11°13	13°21	23°R33	24°27	17°51	21°24	T 26
W27	10 25 26	7°57'45	13°36	20°50	21°21	11°35	20° 0	24° 5	4°23	11°15	13°22	23°33	24°23	17°57	21°28	W27
T 28	10 29 23	8♓57'59	25♐29	22♓38	22♑24	11♋41	20♒14	24♏ 6	4♋22	11♈17	13♉23	23♍33	24♍20	18♐ 4	21♓32	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	17s17	18s20	5n 7	21s 8	1s57	18s46	4n39	26n52	4n 5	17s17	0s38	16s28	2n13	23n41	0n19	2n45	1s33	0n58	15s32	2n15	1n41	17s35	0s15	4n 2	F 1
S 2	17 0	18 4	4 55	20 46	1 59	18 51	4 35	26 52	4 4	17 13	0 38	16 28	2 13	23 41	0 19	2 45	1 33	0 59	15 31	2 18	1 42	17 36	0 14	4 2	S 2
S 3	16 43	16 58	4 29	20 22	2 1	18 55	4 31	26 52	4 3	17 9	0 38	16 29	2 14	23 41	0 19	2 46	1 33	0 59	15 31	2 22	1 44	17 36	0 13	4 1	S 3
M 4	16 25	15 4	3 50	19 57	2 3	19 0	4 28	26 52	4 2	17 5	0 38	16 29	2 14	23 41	0 19	2 46	1 33	0 59	15 31	2 25	1 45	17 37	0 12	4 1	M 4
T 5	16 7	12 26	2 59	19 31	2 4	19 4	4 24	26 52	4 0	17 1	0 38	16 30	2 14	23 41	0 19	2 47	1 33	1 0	15 30	2 27	1 46	17 38	0 11	4 1	T 5
W 6	15 49	9 10	1 59	19 3	2 5	19 8	4 19	26 52	3 59	16 57	0 38	16 30	2 14	23 41	0 19	2 48	1 33	1 0	15 30	2 29	1 47	17 38	0 10	4 1	W 6
T 7	15 31	5 25	0 52	18 33	2 5	19 11	4 15	26 51	3 58	16 53	0 38	16 31	2 14	23 41	0 19	2 48	1 32	1 0	15 30	2 29	1 49	17 39	0 9	4 1	T 7
F 8	15 12	1 21	0s20	18 2	2 5	19 15	4 11	26 51	3 56	16 48	0 39	16 31	2 15	23 41	0 19	2 49	1 32	1 1	15 29	2 30	1 50	17 39	0 8	4 1	F 8
S 9	14 53	2n50	1 31	17 30	2 5	19 18	4 7	26 50	3 55	16 44	0 39	16 31	2 15	23 41	0 19	2 49	1 32	1 1	15 29	2 29	1 51	17 40	0 7	4 0	S 9
S 10	14 34	6 56	2 39	16 56	2 4	19 21	4 2	26 49	3 54	16 40	0 39	16 32	2 15	23 41	0 19	2 50	1 32	1 2	15 29	2 29	1 52	17 40	0 6	4 0	S 10
M11	14 14	10 44	3 39	16 21	2 2	19 23	3 57	26 48	3 52	16 36	0 39	16 32	2 15	23 41	0 19	2 51	1 32	1 2	15 28	2 28	1 54	17 41	0 4	4 0	M11
T 12	13 54	13 59	4 26	15 44	2 0	19 25	3 53	26 47	3 51	16 32	0 39	16 32	2 15	23 42	0 19	2 51	1 32	1 3	15 28	2 28	1 55	17 41	0 3	4 0	T 12
W13	13 34	16 26	4 58	15 5	1 58	19 27	3 48	26 46	3 49	16 28	0 39	16 33	2 16	23 42	0 19	2 52	1 32	1 3	15 28	2 28	1 56	17 42	0 2	4 0	W13
T 14	13 14	17 55	5 12	14 26	1 55	19 29	3 43	26 45	3 48	16 23	0 39	16 33	2 16	23 42	0 19	2 53	1 32	1 3	15 27	2 29	1 57	17 42	0 1	4 0	T 14
F 15	12 54	18 15	5 7	13 44	1 52	19 30	3 39	26 44	3 46	16 19	0 39	16 33	2 16	23 42	0 19	2 54	1 32	1 4	15 27	2 30	1 59	17 43	0n 0	3 59	F 15
S 16	12 33	17 24	4 42	13 2	1 48	19 30	3 34	26 42	3 44	16 15	0 39	16 33	2 16	23 42	0 19	2 54	1 32	1 4	15 27	2 32	2 0	17 43	0 1	3 59	S 16
S 17	12 13	15 25	3 59	12 18	1 43	19 31	3 29	26 41	3 43	16 11	0 39	16 34	2 16	23 42	0 19	2 55	1 32	1 5	15 26	2 33	2 1	17 44	0 3	3 59	S 17
M18	11 52	12 30	3 2	11 33	1 38	19 31	3 24	26 39	3 41	16 6	0 39	16 34	2 17	23 42	0 19	2 56	1 32	1 5	15 26	2 34	2 2	17 44	0 4	3 59	M18
T 19	11 30	8 54	1 54	10 46	1 33	19 30	3 19	26 38	3 39	16 2	0 40	16 34	2 17	23 42	0 19	2 56	1 32	1 6	15 26	2 35	2 4	17 45	0 5	3 59	T 19
W20	11 9	4 54	0 41	9 59	1 26	19 29	3 14	26 36	3 38	15 58	0 40	16 34	2 17	23 42	0 19	2 57	1 32	1 6	15 25	2 36	2 5	17 45	0 6	3 59	W20
T 21	10 48	0 44	0n33	9 10	1 19	19 28	3 8	26 34	3 36	15 53	0 40	16 34	2 17	23 42	0 19	2 58	1 32	1 6	15 25	2 36	2 6	17 46	0 8	3 59	T 21
F 22	10 26	3s21	1 43	8 20	1 12	19 26	3 3	26 32	3 34	15 49	0 40	16 34	2 17	23 42	0 19	2 59	1 32	1 7	15 25	2 36	2 7	17 46	0 9	3 58	F 22
S 23	10 4	7 10	2 46	7 29	1 4	19 24	2 58	26 30	3 33	15 45	0 40	16 34	2 18	23 42	0 19	2 59	1 32	1 7	15 24	2 35	2 9	17 47	0 10	3 58	S 23
S 24	9 42	10 35	3 40	6 38	0 55	19 21	2 53	26 28	3 31	15 41	0 40	16 34	2 18	23 42	0 19	3 0	1 32	1 8	15 24	2 34	2 10	17 47	0 12	3 58	S 24
M25	9 20	13 28	4 23	5 46	0 45	19 18	2 48	26 26	3 29	15 36	0 40	16 34	2 18	23 42	0 19	3 1	1 32	1 8	15 24	2 34	2 11	17 48	0 13	3 58	M25
T 26	8 58	15 43	4 53	4 53	0 35	19 14	2 43	26 24	3 28	15 32	0 40	16 34	2 18	23 42	0 19	3 2	1 32	1 9	15 23	2 34	2 13	17 48	0 14	3 58	T 26
W27	8 35	17 18	5 11	4 0	0 24	19 10	2 37	26 22	3 26	15 28	0 40	16 34	2 18	23 42	0 19	3 3	1 32	1 9	15 23	2 34	2 14	17 49	0 16	3 58	W27
T 28	8s13	18s 7	5n16	3s 8	0s13	19s 6	2n32	26n20	3n24	15s23	0s41	16s34	2n19	23n42	0n19	3n 3	1s32	1n10	15s23	2n34	2n15	17s49	0n17	3n58	T 28

Julian Day Number = 2402998.5, Delta T = 6.08 sec
Ecliptic obliquity = 23°27'14, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°53'03, Lahiri = 22°00'04

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ASTRODIENST EPHEMERIS for the year 1867
geocentric

MARCH 1867 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 33 19	9♓58'12	7♉25	24♓23	23♉26	11♋48	20♒28	24♏ 6	4°R22	11♈19	13♉23	23°R31	24♍17	18♐11	21♓35	F 1
S 2	10 37 16	10°58'23	19°30	26° 6	24°30	11°56	20°42	24° 6	4♋21	11°21	13°24	23♍30	24°14	18°17	21°39	S 2
S 3	10 41 12	11°58'32	1♒46	27°46	25°33	12° 4	20°56	24° 6	4°21	11°23	13°25	23°28	24°11	18°24	21°43	S 3
M 4	10 45 9	12°58'40	14°16	29°22	26°37	12°12	21°10	24°R 6	4°20	11°25	13°25	23°26	24° 8	18°31	21°46	M 4
T 5	10 49 5	13°58'45	27° 1	0♈54	27°41	12°22	21°24	24° 6	4°20	11°27	13°26	23°25	24° 4	18°38	21°50	T 5
W 6	10 53 2	14°58'49	10♓ 4	2°21	28°45	12°32	21°37	24° 6	4°19	11°29	13°27	23°24	24° 1	18°44	21°54	W 6
T 7	10 56 58	15°58'52	23°23	3°43	29°50	12°42	21°51	24° 6	4°19	11°31	13°28	23°D24	23°58	18°51	21°57	T 7
F 8	11 0 55	16°58'52	6♈57	4°59	0♒54	12°53	22° 5	24° 6	4°18	11°33	13°29	23°24	23°55	18°58	22° 1	F 8
S 9	11 4 51	17°58'50	20°44	6° 9	1°59	13° 5	22°18	24° 5	4°18	11°35	13°29	23°25	23°52	19° 5	22° 5	S 9
S 10	11 8 48	18°58'46	4♉41	7°12	3° 4	13°17	22°32	24° 5	4°18	11°37	13°30	23°25	23°49	19°11	22° 9	S 10
M11	11 12 45	19°58'40	18°46	8° 7	4°10	13°29	22°45	24° 4	4°18	11°39	13°31	23°26	23°45	19°18	22°12	M11
T 12	11 16 41	20°58'32	2♊56	8°55	5°15	13°42	22°59	24° 3	4°18	11°42	13°32	23°26	23°42	19°25	22°16	T 12
W13	11 20 38	21°58'21	17° 8	9°35	6°21	13°56	23°12	24° 2	4°D18	11°44	13°33	23°26	23°39	19°31	22°20	W13
T 14	11 24 34	22°58'09	1♋20	10° 7	7°27	14°10	23°26	24° 1	4°18	11°46	13°34	23°26	23°36	19°38	22°23	T 14
F 15	11 28 31	23°57'54	15°31	10°31	8°33	14°25	23°39	24° 0	4°18	11°48	13°35	23°26	23°33	19°45	22°27	F 15
S 16	11 32 27	24°57'37	29°36	10°46	9°39	14°40	23°53	23°59	4°18	11°50	13°36	23°26	23°29	19°52	22°31	S 16
S 17	11 36 24	25°57'17	13♌34	10°R52	10°46	14°56	24° 6	23°58	4°18	11°52	13°37	23°26	23°26	19°58	22°35	S 17
M18	11 40 20	26°56'55	27°23	10°51	11°52	15°12	24°19	23°56	4°18	11°55	13°38	23°27	23°23	20° 5	22°38	M18
T 19	11 44 17	27°56'31	11♍ 0	10°41	12°59	15°28	24°32	23°55	4°19	11°57	13°39	23°27	23°20	20°12	22°42	T 19
W20	11 48 14	28°56'05	24°23	10°24	14° 6	15°45	24°45	23°53	4°19	11°59	13°40	23°R27	23°17	20°18	22°46	W20
T 21	11 52 10	29°55'37	7♎32	10° 0	15°13	16° 2	24°58	23°52	4°20	12° 1	13°41	23°27	23°14	20°25	22°49	T 21
F 22	11 56 7	0♈55'06	20°24	9°29	16°20	16°20	25°11	23°50	4°20	12° 4	13°42	23°26	23°10	20°32	22°53	F 22
S 23	12 0 3	1°54'34	3♏ 0	8°52	17°28	16°38	25°24	23°48	4°20	12° 6	13°43	23°25	23° 7	20°39	22°57	S 23
S 24	12 4 0	2°54'00	15°22	8°10	18°35	16°56	25°37	23°46	4°21	12° 8	13°44	23°24	23° 4	20°45	23° 0	S 24
M25	12 7 56	3°53'24	27°32	7°25	19°43	17°15	25°50	23°44	4°22	12°10	13°45	23°22	23° 1	20°52	23° 4	M25
T 26	12 11 53	4°52'47	9♐32	6°36	20°51	17°35	26° 2	23°42	4°22	12°12	13°46	23°21	22°58	20°59	23° 8	T 26
W27	12 15 49	5°52'07	21°26	5°46	21°59	17°54	26°15	23°40	4°23	12°15	13°47	23°20	22°54	21° 6	23°11	W27
T 28	12 19 46	6°51'26	3♑19	4°54	23° 7	18°14	26°28	23°38	4°24	12°17	13°48	23°D20	22°51	21°12	23°15	T 28
F 29	12 23 43	7°50'43	15°16	4° 3	24°15	18°34	26°40	23°35	4°25	12°19	13°49	23°20	22°48	21°19	23°19	F 29
S 30	12 27 39	8°49'58	27°19	3°14	25°23	18°55	26°53	23°33	4°26	12°22	13°50	23°20	22°45	21°26	23°22	S 30
S 31	12 31 36	9♈49'11	9♒36	2♈26	26♒32	19♋16	27♒ 5	23♏30	4♋26	12♈24	13♉51	23♍22	22♍42	21♐32	23♓26	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s50	18s 8	5n 7	2s15	0s 1	19s 0	2n27	26n18	3n23	15s19	0s41	16s34	2n19	23n42	0n19	3n 4	1s32	1n10	15s22	2n34	2n16	17s50	0n18	3n58
S 2	7 27	17 21	4 44	1 23	0n11	18 55	2 21	26 15	3 21	15 15	0 41	16 34	2 19	23 42	0 19	3 5	1 32	1 11	15 22	2 35	2 18	17 50	0 20	3 58
S 3	7 4	15 45	4 8	0 32	0 24	18 49	2 16	26 13	3 19	15 10	0 41	16 34	2 19	23 42	0 19	3 6	1 32	1 11	15 22	2 36	2 19	17 51	0 21	3 57
M 4	6 41	13 22	3 20	0n19	0 37	18 42	2 11	26 10	3 18	15 6	0 41	16 34	2 19	23 42	0 19	3 7	1 32	1 12	15 21	2 36	2 20	17 51	0 22	3 57
T 5	6 18	10 18	2 21	1 8	0 50	18 35	2 6	26 8	3 16	15 2	0 41	16 33	2 20	23 42	0 19	3 7	1 32	1 12	15 21	2 37	2 21	17 52	0 24	3 57
W 6	5 55	6 40	1 13	1 55	1 4	18 27	2 0	26 5	3 14	14 57	0 41	16 33	2 20	23 42	0 19	3 8	1 32	1 13	15 21	2 37	2 23	17 52	0 25	3 57
T 7	5 32	2 38	0 0	2 40	1 18	18 19	1 55	26 3	3 13	14 53	0 41	16 33	2 20	23 42	0 19	3 9	1 32	1 13	15 21	2 37	2 24	17 53	0 26	3 57
F 8	5 9	1n37	1s14	3 23	1 31	18 11	1 50	26 0	3 11	14 49	0 41	16 33	2 20	23 42	0 19	3 10	1 32	1 14	15 20	2 37	2 25	17 53	0 28	3 57
S 9	4 45	5 51	2 26	4 3	1 45	18 2	1 45	25 57	3 9	14 44	0 42	16 32	2 20	23 42	0 19	3 11	1 32	1 14	15 20	2 37	2 26	17 54	0 29	3 57
S 10	4 22	9 48	3 29	4 40	1 58	17 52	1 40	25 54	3 8	14 40	0 42	16 32	2 21	23 42	0 19	3 12	1 32	1 15	15 20	2 37	2 28	17 54	0 30	3 57
M11	3 58	13 14	4 21	5 14	2 11	17 42	1 34	25 51	3 6	14 36	0 42	16 32	2 21	23 42	0 19	3 12	1 32	1 15	15 19	2 37	2 29	17 55	0 32	3 57
T 12	3 35	15 54	4 57	5 44	2 24	17 31	1 29	25 48	3 4	14 32	0 42	16 31	2 21	23 42	0 19	3 13	1 32	1 16	15 19	2 37	2 30	17 55	0 33	3 57
W13	3 11	17 36	5 15	6 11	2 36	17 20	1 24	25 45	3 3	14 27	0 42	16 31	2 21	23 42	0 19	3 14	1 32	1 16	15 19	2 37	2 31	17 55	0 35	3 57
T 14	2 48	18 13	5 14	6 34	2 47	17 9	1 19	25 42	3 1	14 23	0 42	16 30	2 21	23 42	0 19	3 15	1 32	1 17	15 19	2 37	2 33	17 56	0 36	3 57
F 15	2 24	17 41	4 54	6 52	2 57	16 57	1 14	25 39	3 0	14 19	0 42	16 30	2 21	23 42	0 19	3 16	1 32	1 17	15 18	2 37	2 34	17 56	0 37	3 57
S 16	2 0	16 4	4 16	7 7	3 6	16 44	1 9	25 36	2 58	14 14	0 43	16 29	2 22	23 42	0 19	3 17	1 32	1 18	15 18	2 37	2 35	17 57	0 39	3 56
S 17	1 37	13 30	3 24	7 16	3 14	16 31	1 4	25 32	2 57	14 10	0 43	16 29	2 22	23 42	0 19	3 18	1 32	1 18	15 18	2 36	2 36	17 57	0 40	3 56
M18	1 13	10 12	2 20	7 22	3 20	16 18	0 59	25 29	2 55	14 6	0 43	16 28	2 22	23 42	0 19	3 18	1 32	1 19	15 18	2 36	2 38	17 58	0 42	3 56
T 19	0 49	6 23	1 9	7 22	3 25	16 4	0 54	25 26	2 53	14 2	0 43	16 28	2 22	23 42	0 19	3 19	1 32	1 19	15 17	2 36	2 39	17 58	0 43	3 56
W20	0 25	2 19	0n 5	7 19	3 28	15 49	0 49	25 22	2 52	13 57	0 43	16 27	2 22	23 42	0 19	3 20	1 32	1 20	15 17	2 36	2 40	17 58	0 45	3 56
T 21	0 2	1s48	1 17	7 11	3 30	15 35	0 44	25 19	2 50	13 53	0 43	16 27	2 23	23 42	0 19	3 21	1 32	1 20	15 17	2 36	2 41	17 59	0 46	3 56
F 22	0n22	5 45	2 24	6 58	3 30	15 19	0 40	25 15	2 49	13 49	0 43	16 26	2 23	23 42	0 19	3 22	1 32	1 21	15 17	2 36	2 43	17 59	0 47	3 56
S 23	0 46	9 21	3 22	6 42	3 28	15 3	0 35	25 11	2 47	13 45	0 44	16 26	2 23	23 42	0 19	3 23	1 32	1 21	15 16	2 37	2 44	18 0	0 49	3 56
S 24	1 9	12 28	4 10	6 22	3 24	14 47	0 30	25 7	2 46	13 40	0 44	16 25	2 23	23 42	0 19	3 24	1 32	1 22	15 16	2 37	2 45	18 0	0 50	3 56
M25	1 33	15 0	4 45	5 59	3 19	14 31	0 26	25 3	2 44	13 36	0 44	16 24	2 23	23 42	0 19	3 25	1 32	1 22	15 16	2 38	2 46	18 1	0 52	3 56
T 26	1 56	16 50	5 7	5 33	3 12	14 13	0 21	24 59	2 43	13 32	0 44	16 24	2 23	23 42	0 19	3 25	1 32	1 23	15 16	2 38	2 48	18 1	0 53	3 56
W27	2 20	17 55	5 16	5 5	3 3	13 56	0 16	24 55	2 42	13 28	0 44	16 23	2 24	23 42	0 19	3 26	1 32	1 23	15 16	2 39	2 49	18 1	0 55	3 56
T 28	2 43	18 13	5 12	4 35	2 52	13 38	0 12	24 51	2 40	13 24	0 44	16 22	2 24	23 42	0 19	3 27	1 32	1 24	15 15	2 39	2 50	18 2	0 56	3 56
F 29	3 7	17 43	4 54	4 4	2 40	13 20	0 8	24 47	2 39	13 20	0 44	16 22	2 24	23 42	0 19	3 28	1 32	1 24	15 15	2 39	2 52	18 2	0 57	3 56
S 30	3 30	16 25	4 22	3 32	2 27	13 1	0 3	24 43	2 37	13 16	0 45	16 21	2 24	23 42	0 19	3 29	1 32	1 25	15 15	2 39	2 53	18 3	0 59	3 56
S 31	3n54	14s20	3n39	3n 0	2n13	12s42	0s 1	24n38	2n36	13s12	0s45	16s20	2n24	23n42	0n19	3n30	1s32	1n25	15s15	2n38	2n54	18s 3	1n 0	3n56

Julian Day Number = 2403026.5, Delta T = 5.99 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°53'07, Lahiri = 22°00'07

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1867
geocentric

APRIL 1867 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 35 32	10♈48'23	22♒ 9	1°R41	27♒40	19♋37	27♒17	23°R27	4♋27	12♈26	13♉53	23♍23	22♍39	21♐39	23♓29	M 1
T 2	12 39 29	11°47'33	5♓ 1	1♈ 0	28°49	19°59	27°30	23♏25	4°28	12°28	13°54	23°24	22°35	21°46	23°33	T 2
W 3	12 43 25	12°46'40	18°15	0°23	29°58	20°21	27°42	23°22	4°30	12°31	13°55	23°R25	22°32	21°53	23°36	W 3
T 4	12 47 22	13°45'46	1♈51	29♓50	1♓ 6	20°43	27°54	23°19	4°31	12°33	13°56	23°25	22°29	21°59	23°40	T 4
F 5	12 51 18	14°44'50	15°48	29°23	2°15	21° 6	28° 6	23°16	4°32	12°35	13°57	23°24	22°26	22° 6	23°43	F 5
S 6	12 55 15	15°43'52	0♉ 2	29° 1	3°24	21°28	28°18	23°13	4°33	12°37	13°59	23°22	22°23	22°13	23°47	S 6
S 7	12 59 11	16°42'51	14°29	28°44	4°33	21°52	28°30	23°10	4°34	12°40	14° 0	23°19	22°20	22°19	23°50	S 7
M 8	13 3 8	17°41'49	29° 2	28°33	5°43	22°15	28°41	23° 7	4°36	12°42	14° 1	23°15	22°16	22°26	23°54	M 8
T 9	13 7 5	18°40'44	13♊34	28°27	6°52	22°39	28°53	23° 4	4°37	12°44	14° 2	23°12	22°13	22°33	23°57	T 9
W10	13 11 1	19°39'38	28° 2	28°D26	8° 1	23° 3	29° 5	23° 0	4°39	12°46	14° 4	23°10	22°10	22°40	24° 1	W10
T 11	13 14 58	20°38'28	12♋20	28°31	9°11	23°27	29°16	22°57	4°40	12°49	14° 5	23° 8	22° 7	22°46	24° 4	T 11
F 12	13 18 54	21°37'17	26°26	28°41	10°20	23°51	29°27	22°53	4°42	12°51	14° 6	23°D 8	22° 4	22°53	24° 8	F 12
S 13	13 22 51	22°36'03	10♌18	28°56	11°30	24°16	29°39	22°50	4°43	12°53	14° 7	23° 9	22° 0	23° 0	24°11	S 13
S 14	13 26 47	23°34'47	23°56	29°15	12°39	24°41	29°50	22°46	4°45	12°55	14° 9	23°10	21°57	23° 7	24°14	S 14
M15	13 30 44	24°33'28	7♍20	29°40	13°49	25° 6	0♓ 1	22°43	4°47	12°58	14°10	23°12	21°54	23°13	24°18	M15
T 16	13 34 40	25°32'08	20°32	0♈ 8	14°59	25°32	0°12	22°39	4°48	13° 0	14°11	23°R13	21°51	23°20	24°21	T 16
W17	13 38 37	26°30'45	3♎31	0°41	16° 9	25°57	0°23	22°35	4°50	13° 2	14°12	23°12	21°48	23°27	24°24	W17
T 18	13 42 34	27°29'20	16°18	1°18	17°19	26°23	0°34	22°31	4°52	13° 4	14°14	23°10	21°45	23°33	24°27	T 18
F 19	13 46 30	28°27'53	28°54	1°59	18°29	26°49	0°45	22°28	4°54	13° 7	14°15	23° 6	21°41	23°40	24°31	F 19
S 20	13 50 27	29°26'25	11♏18	2°43	19°39	27°15	0°55	22°24	4°56	13° 9	14°16	23° 1	21°38	23°47	24°34	S 20
S 21	13 54 23	0♉24'54	23°33	3°31	20°49	27°42	1° 6	22°20	4°58	13°11	14°18	22°54	21°35	23°54	24°37	S 21
M22	13 58 20	1°23'22	5♐38	4°22	21°59	28° 9	1°16	22°16	5° 0	13°13	14°19	22°47	21°32	24° 0	24°40	M22
T 23	14 2 16	2°21'48	17°36	5°17	23° 9	28°36	1°26	22°12	5° 2	13°15	14°20	22°41	21°29	24° 7	24°43	T 23
W24	14 6 13	3°20'12	29°30	6°14	24°20	29° 3	1°37	22° 7	5° 4	13°18	14°22	22°35	21°25	24°14	24°46	W24
T 25	14 10 9	4°18'35	11♑22	7°15	25°30	29°30	1°47	22° 3	5° 6	13°20	14°23	22°30	21°22	24°20	24°49	T 25
F 26	14 14 6	5°16'56	23°17	8°18	26°41	29°57	1°57	21°59	5° 8	13°22	14°24	22°28	21°19	24°27	24°52	F 26
S 27	14 18 3	6°15'15	5♒19	9°24	27°51	0♌25	2° 7	21°55	5°10	13°24	14°26	22°D27	21°16	24°34	24°55	S 27
S 28	14 21 59	7°13'33	17°33	10°33	29° 2	0°53	2°16	21°51	5°12	13°26	14°27	22°27	21°13	24°41	24°58	S 28
M29	14 25 56	8°11'50	0♓ 4	11°44	0♈12	1°21	2°26	21°46	5°15	13°28	14°28	22°29	21°10	24°47	25° 1	M29
T 30	14 29 52	9♉10'05	12♓55	12♈57	1♈23	1♌49	2♓35	21♏42	5♋17	13♈30	14♉30	22♍30	21♍ 6	24♐54	25♓ 4	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n17	11s33	2n44	2n29	1n58	12s22	0s 5	24n34	2n34	13s 7	0s45	16s19	2n24	23n42	0n19	3n31	1s32	1n26	15s15	2n38	2n55	18s 3	1n 2	3n56
T 2	4 40	8 8	1 40	1 58	1 43	12 2	0 9	24 29	2 33	13 3	0 45	16 18	2 24	23 42	0 19	3 32	1 32	1 26	15 14	2 37	2 57	18 4	1 3	3 56
W 3	5 3	4 13	0 28	1 29	1 27	11 42	0 13	24 25	2 32	12 59	0 45	16 18	2 25	23 42	0 19	3 32	1 32	1 27	15 14	2 37	2 58	18 4	1 4	3 56
T 4	5 26	0n 2	0s46	1 1	1 11	11 21	0 17	24 20	2 30	12 55	0 45	16 17	2 25	23 41	0 19	3 33	1 32	1 27	15 14	2 37	2 59	18 5	1 6	3 56
F 5	5 49	4 22	2 0	0 36	0 55	11 1	0 21	24 15	2 29	12 51	0 46	16 16	2 25	23 41	0 19	3 34	1 32	1 28	15 14	2 37	3 0	18 5	1 7	3 56
S 6	6 12	8 33	3 8	0 12	0 39	10 39	0 25	24 10	2 28	12 47	0 46	16 15	2 25	23 41	0 19	3 35	1 32	1 28	15 14	2 38	3 2	18 5	1 9	3 56
S 7	6 34	12 17	4 5	0s 9	0 23	10 18	0 29	24 5	2 26	12 43	0 46	16 14	2 25	23 41	0 19	3 36	1 32	1 29	15 13	2 39	3 3	18 6	1 10	3 56
M 8	6 57	15 18	4 46	0 28	0 7	9 56	0 33	24 0	2 25	12 39	0 46	16 13	2 25	23 41	0 19	3 37	1 32	1 29	15 13	2 41	3 4	18 6	1 11	3 56
T 9	7 19	17 20	5 9	0 44	0s 8	9 33	0 36	23 55	2 24	12 36	0 46	16 12	2 25	23 41	0 19	3 38	1 32	1 30	15 13	2 42	3 5	18 6	1 13	3 56
W10	7 42	18 14	5 13	0 58	0 22	9 11	0 40	23 50	2 22	12 32	0 46	16 11	2 25	23 41	0 19	3 39	1 32	1 30	15 13	2 43	3 7	18 7	1 14	3 56
T 11	8 4	17 58	4 56	1 9	0 36	8 48	0 43	23 44	2 21	12 28	0 47	16 10	2 25	23 41	0 19	3 39	1 32	1 31	15 13	2 44	3 8	18 7	1 16	3 56
F 12	8 26	16 35	4 22	1 17	0 50	8 25	0 47	23 39	2 20	12 24	0 47	16 9	2 26	23 41	0 19	3 40	1 32	1 31	15 13	2 44	3 9	18 8	1 17	3 56
S 13	8 48	14 14	3 34	1 23	1 3	8 2	0 50	23 33	2 19	12 20	0 47	16 8	2 26	23 41	0 19	3 41	1 32	1 32	15 13	2 43	3 10	18 8	1 18	3 56
S 14	9 10	11 8	2 33	1 26	1 15	7 38	0 53	23 27	2 17	12 16	0 47	16 7	2 26	23 41	0 19	3 42	1 32	1 32	15 12	2 43	3 12	18 8	1 20	3 56
M15	9 31	7 30	1 26	1 27	1 26	7 14	0 56	23 21	2 16	12 13	0 47	16 6	2 26	23 41	0 19	3 43	1 32	1 33	15 12	2 42	3 13	18 9	1 21	3 56
T 16	9 53	3 32	0 15	1 26	1 37	6 50	0 59	23 16	2 15	12 9	0 48	16 5	2 26	23 41	0 19	3 44	1 32	1 33	15 12	2 42	3 14	18 9	1 22	3 56
W17	10 14	0s33	0n56	1 22	1 47	6 25	1 2	23 10	2 14	12 5	0 48	16 4	2 26	23 41	0 19	3 45	1 32	1 34	15 12	2 42	3 15	18 9	1 24	3 57
T 18	10 35	4 32	2 3	1 16	1 56	6 1	1 5	23 3	2 13	12 2	0 48	16 3	2 26	23 41	0 19	3 45	1 32	1 34	15 12	2 43	3 17	18 10	1 25	3 57
F 19	10 56	8 15	3 2	1 7	2 5	5 36	1 8	22 57	2 11	11 58	0 48	16 2	2 26	23 41	0 19	3 46	1 32	1 35	15 12	2 44	3 18	18 10	1 26	3 57
S 20	11 17	11 33	3 52	0 57	2 13	5 11	1 11	22 51	2 10	11 54	0 48	16 1	2 26	23 40	0 19	3 47	1 32	1 35	15 12	2 46	3 19	18 10	1 28	3 57
S 21	11 37	14 18	4 30	0 44	2 20	4 46	1 13	22 44	2 9	11 51	0 49	16 0	2 26	23 40	0 19	3 48	1 32	1 36	15 12	2 49	3 20	18 11	1 29	3 57
M22	11 58	16 24	4 56	0 30	2 27	4 21	1 16	22 38	2 8	11 47	0 49	15 59	2 26	23 40	0 19	3 49	1 32	1 36	15 11	2 52	3 22	18 11	1 30	3 57
T 23	12 18	17 46	5 8	0 14	2 32	3 55	1 18	22 31	2 7	11 44	0 49	15 58	2 26	23 40	0 19	3 50	1 32	1 37	15 11	2 54	3 23	18 11	1 32	3 57
W24	12 38	18 20	5 7	0n 4	2 38	3 29	1 21	22 25	2 6	11 40	0 49	15 57	2 27	23 40	0 19	3 50	1 32	1 37	15 11	2 57	3 24	18 12	1 33	3 57
T 25	12 58	18 6	4 53	0 24	2 42	3 3	1 23	22 18	2 4	11 37	0 49	15 56	2 27	23 40	0 19	3 51	1 32	1 37	15 11	2 59	3 25	18 12	1 34	3 57
F 26	13 17	17 4	4 26	0 45	2 46	2 37	1 25	22 11	2 3	11 34	0 50	15 55	2 27	23 40	0 19	3 52	1 32	1 38	15 11	3 0	3 27	18 12	1 35	3 57
S 27	13 37	15 16	3 47	1 8	2 49	2 11	1 27	22 4	2 2	11 30	0 50	15 54	2 27	23 40	0 19	3 53	1 32	1 38	15 11	3 0	3 28	18 13	1 37	3 57
S 28	13 56	12 46	2 58	1 33	2 52	1 45	1 29	21 56	2 1	11 27	0 50	15 53	2 27	23 40	0 19	3 54	1 32	1 39	15 11	3 0	3 29	18 13	1 38	3 57
M29	14 15	9 37	1 58	1 59	2 54	1 19	1 31	21 49	2 0	11 24	0 50	15 51	2 27	23 40	0 19	3 54	1 32	1 39	15 11	2 59	3 30	18 13	1 39	3 57
T 30	14n34	5s55	0n52	2n26	2s55	0s52	1s33	21n42	1n59	11s21	0s50	15s50	2n27	23n40	0n19	3n55	1s32	1n40	15s11	2n59	3n32	18s14	1n40	3n57

Julian Day Number = 2403057.5, Delta T = 5.88 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°53'11, Lahiri = 22°00'12

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ASTRODIENST EPHEMERIS for the year 1867
geocentric

MAY 1867 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 33 49	10♉ 8'18	26♓12	14♈13	2♈34	2♌18	2♓45	21°R38	5♋19	13♈32	14♉31	22°R30	21♍ 3	25♐ 1	25♓ 7	W 1
T 2	14 37 45	11° 6'30	9♈56	15°31	3°44	2°46	2°54	21♏33	5°22	13°34	14°32	22♍29	21° 0	25° 8	25°10	T 2
F 3	14 41 42	12° 4'40	24° 5	16°52	4°55	3°15	3° 3	21°29	5°24	13°37	14°34	22°25	20°57	25°14	25°13	F 3
S 4	14 45 38	13° 2'48	8♉38	18°14	6° 6	3°44	3°12	21°24	5°27	13°39	14°35	22°20	20°54	25°21	25°15	S 4
S 5	14 49 35	14° 0'55	23°28	19°39	7°17	4°13	3°21	21°20	5°29	13°41	14°37	22°13	20°51	25°28	25°18	S 5
M 6	14 53 32	14°59'01	8♊27	21° 6	8°28	4°42	3°30	21°16	5°32	13°43	14°38	22° 5	20°47	25°34	25°21	M 6
T 7	14 57 28	15°57'04	23°25	22°35	9°39	5°11	3°39	21°11	5°34	13°45	14°39	21°57	20°44	25°41	25°23	T 7
W 8	15 1 25	16°55'06	8♋14	24° 6	10°50	5°41	3°47	21° 7	5°37	13°47	14°41	21°50	20°41	25°48	25°26	W 8
T 9	15 5 21	17°53'06	22°47	25°40	12° 1	6°10	3°56	21° 2	5°40	13°49	14°42	21°46	20°38	25°55	25°29	T 9
F 10	15 9 18	18°51'04	6♌59	27°15	13°12	6°40	4° 4	20°58	5°42	13°50	14°43	21°43	20°35	26° 1	25°31	F 10
S 11	15 13 14	19°49'00	20°50	28°52	14°23	7°10	4°12	20°53	5°45	13°52	14°45	21°D42	20°31	26° 8	25°34	S 11
S 12	15 17 11	20°46'54	4♍20	0♉32	15°34	7°40	4°20	20°49	5°48	13°54	14°46	21°43	20°28	26°15	25°36	S 12
M13	15 21 7	21°44'47	17°31	2°13	16°45	8°11	4°28	20°44	5°51	13°56	14°47	21°R44	20°25	26°22	25°38	M13
T 14	15 25 4	22°42'37	0♎26	3°56	17°56	8°41	4°35	20°40	5°54	13°58	14°49	21°43	20°22	26°28	25°41	T 14
W15	15 29 1	23°40'26	13° 6	5°42	19° 8	9°11	4°43	20°35	5°56	14° 0	14°50	21°41	20°19	26°35	25°43	W15
T 16	15 32 57	24°38'14	25°36	7°29	20°19	9°42	4°50	20°31	5°59	14° 2	14°51	21°37	20°16	26°42	25°45	T 16
F 17	15 36 54	25°35'59	7♏55	9°19	21°30	10°13	4°58	20°26	6° 2	14° 4	14°53	21°29	20°12	26°48	25°48	F 17
S 18	15 40 50	26°33'44	20° 7	11°10	22°41	10°44	5° 5	20°22	6° 5	14° 5	14°54	21°20	20° 9	26°55	25°50	S 18
S 19	15 44 47	27°31'26	2♐12	13° 4	23°53	11°15	5°12	20°17	6° 8	14° 7	14°55	21° 8	20° 6	27° 2	25°52	S 19
M20	15 48 43	28°29'08	14°11	15° 0	25° 4	11°46	5°19	20°13	6°11	14° 9	14°57	20°56	20° 3	27° 9	25°54	M20
T 21	15 52 40	29°26'48	26° 6	16°57	26°16	12°17	5°25	20° 8	6°14	14°11	14°58	20°44	20° 0	27°15	25°56	T 21
W22	15 56 36	0♊24'28	7♑58	18°57	27°27	12°48	5°32	20° 4	6°17	14°12	14°59	20°33	19°57	27°22	25°58	W22
T 23	16 0 33	1°22'06	19°50	20°58	28°39	13°20	5°38	20° 0	6°20	14°14	15° 1	20°24	19°53	27°29	26° 0	T 23
F 24	16 4 30	2°19'43	1♒45	23° 2	29°50	13°51	5°44	19°55	6°24	14°16	15° 2	20°18	19°50	27°35	26° 2	F 24
S 25	16 8 26	3°17'19	13°46	25° 6	1♉ 2	14°23	5°50	19°51	6°27	14°17	15° 3	20°14	19°47	27°42	26° 4	S 25
S 26	16 12 23	4°14'54	25°57	27°13	2°13	14°55	5°56	19°47	6°30	14°19	15° 5	20°12	19°44	27°49	26° 6	S 26
M27	16 16 19	5°12'28	8♓25	29°21	3°25	15°27	6° 2	19°42	6°33	14°21	15° 6	20°D12	19°41	27°56	26° 8	M27
T 28	16 20 16	6°10'01	21°13	1♊30	4°37	15°59	6° 8	19°38	6°36	14°22	15° 7	20°R12	19°37	28° 2	26° 9	T 28
W29	16 24 12	7° 7'33	4♈26	3°40	5°48	16°31	6°13	19°34	6°40	14°24	15° 8	20°11	19°34	28° 9	26°11	W29
T 30	16 28 9	8° 5'05	18° 7	5°51	7° 0	17° 3	6°18	19°30	6°43	14°25	15°10	20° 9	19°31	28°16	26°13	T 30
F 31	16 32 5	9♊ 2'36	2♉18	8♊ 3	8♉12	17♌35	6♓23	19♏26	6♋46	14♈27	15♉11	20♍ 4	19♍28	28♐23	26♓14	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14n52	1s49	0s20	2n55	2s55	0s26	1s35	21n34	1n58	11s17	0s51	15s49	2n27	23n39	0n19	3n56	1s32	1n40	15s11	2n59	3n33	18s14	1n42	3n57
T 2	15 10	2n31	1 33	3 25	2 56	0n 1	1 36	21 27	1 57	11 14	0 51	15 48	2 27	23 39	0 19	3 57	1 32	1 40	15 11	2 59	3 34	18 14	1 43	3 58
F 3	15 28	6 51	2 42	3 56	2 55	0 27	1 38	21 19	1 56	11 11	0 51	15 47	2 27	23 39	0 19	3 58	1 32	1 41	15 11	3 1	3 35	18 14	1 44	3 58
S 4	15 46	10 53	3 42	4 29	2 54	0 54	1 39	21 11	1 54	11 8	0 51	15 46	2 27	23 39	0 19	3 58	1 32	1 41	15 11	3 3	3 37	18 15	1 45	3 58
S 5	16 3	14 19	4 29	5 2	2 52	1 21	1 41	21 3	1 53	11 5	0 52	15 45	2 27	23 39	0 19	3 59	1 32	1 42	15 11	3 6	3 38	18 15	1 46	3 58
M 6	16 20	16 50	4 57	5 37	2 50	1 48	1 42	20 55	1 52	11 2	0 52	15 43	2 27	23 39	0 19	4 0	1 32	1 42	15 11	3 9	3 39	18 15	1 47	3 58
T 7	16 37	18 12	5 6	6 13	2 47	2 14	1 43	20 47	1 51	10 59	0 52	15 42	2 27	23 39	0 19	4 1	1 32	1 42	15 11	3 12	3 40	18 16	1 49	3 58
W 8	16 54	18 19	4 54	6 49	2 44	2 41	1 44	20 39	1 50	10 56	0 52	15 41	2 27	23 39	0 19	4 1	1 32	1 43	15 11	3 14	3 42	18 16	1 50	3 58
T 9	17 10	17 13	4 23	7 27	2 40	3 8	1 45	20 30	1 49	10 53	0 52	15 40	2 27	23 39	0 19	4 2	1 32	1 43	15 11	3 16	3 43	18 16	1 51	3 58
F 10	17 26	15 3	3 36	8 5	2 35	3 35	1 46	20 22	1 48	10 51	0 53	15 39	2 27	23 38	0 19	4 3	1 32	1 44	15 11	3 17	3 44	18 16	1 52	3 58
S 11	17 42	12 4	2 37	8 44	2 30	4 1	1 47	20 13	1 47	10 48	0 53	15 38	2 27	23 38	0 19	4 4	1 32	1 44	15 11	3 17	3 45	18 17	1 53	3 59
S 12	17 58	8 30	1 32	9 24	2 25	4 28	1 48	20 4	1 46	10 45	0 53	15 37	2 27	23 38	0 19	4 4	1 32	1 44	15 11	3 17	3 47	18 17	1 54	3 59
M13	18 13	4 35	0 23	10 5	2 18	4 55	1 49	19 56	1 45	10 43	0 53	15 35	2 27	23 38	0 19	4 5	1 32	1 45	15 11	3 17	3 48	18 17	1 55	3 59
T 14	18 28	0 32	0n46	10 46	2 12	5 21	1 49	19 47	1 44	10 40	0 54	15 34	2 27	23 38	0 19	4 6	1 32	1 45	15 11	3 17	3 49	18 18	1 56	3 59
W15	18 42	3s28	1 52	11 28	2 5	5 48	1 50	19 38	1 43	10 37	0 54	15 33	2 26	23 38	0 19	4 6	1 32	1 45	15 11	3 18	3 50	18 18	1 57	3 59
T 16	18 56	7 15	2 50	12 10	1 57	6 14	1 50	19 28	1 42	10 35	0 54	15 32	2 26	23 38	0 19	4 7	1 32	1 46	15 11	3 20	3 52	18 18	1 58	3 59
F 17	19 10	10 41	3 40	12 53	1 49	6 41	1 51	19 19	1 41	10 32	0 54	15 31	2 26	23 38	0 19	4 8	1 32	1 46	15 11	3 23	3 53	18 18	1 59	3 59
S 18	19 24	13 37	4 19	13 35	1 41	7 7	1 51	19 10	1 40	10 30	0 55	15 30	2 26	23 37	0 19	4 8	1 33	1 46	15 11	3 26	3 54	18 19	2 0	3 59
S 19	19 37	15 57	4 46	14 18	1 32	7 33	1 51	19 0	1 39	10 28	0 55	15 29	2 26	23 37	0 19	4 9	1 33	1 47	15 11	3 31	3 55	18 19	2 1	3 59
M20	19 50	17 33	5 0	15 1	1 23	7 59	1 51	18 51	1 38	10 25	0 55	15 28	2 26	23 37	0 19	4 10	1 33	1 47	15 11	3 36	3 57	18 19	2 2	4 0
T 21	20 3	18 23	5 1	15 44	1 13	8 25	1 51	18 41	1 37	10 23	0 55	15 27	2 26	23 37	0 19	4 10	1 33	1 47	15 11	3 41	3 58	18 19	2 3	4 0
W22	20 15	18 25	4 48	16 27	1 4	8 51	1 51	18 31	1 37	10 21	0 56	15 25	2 26	23 37	0 19	4 11	1 33	1 48	15 11	3 45	3 59	18 20	2 4	4 0
T 23	20 27	17 38	4 23	17 9	0 54	9 16	1 51	18 21	1 36	10 19	0 56	15 24	2 26	23 37	0 19	4 11	1 33	1 48	15 11	3 48	4 0	18 20	2 5	4 0
F 24	20 38	16 5	3 47	17 51	0 43	9 42	1 51	18 11	1 35	10 17	0 56	15 23	2 26	23 37	0 19	4 12	1 33	1 48	15 11	3 51	4 2	18 20	2 6	4 0
S 25	20 50	13 49	3 0	18 31	0 33	10 7	1 50	18 1	1 34	10 15	0 56	15 22	2 26	23 36	0 19	4 13	1 33	1 49	15 11	3 52	4 3	18 20	2 7	4 0
S 26	21 0	10 55	2 5	19 11	0 22	10 32	1 50	17 51	1 33	10 13	0 57	15 21	2 26	23 36	0 19	4 13	1 33	1 49	15 11	3 53	4 4	18 21	2 8	4 0
M27	21 11	7 28	1 2	19 50	0 11	10 57	1 49	17 41	1 32	10 11	0 57	15 20	2 25	23 36	0 19	4 14	1 33	1 49	15 11	3 53	4 5	18 21	2 8	4 1
T 28	21 21	3 34	0s 5	20 28	0 1	11 21	1 49	17 30	1 31	10 9	0 57	15 19	2 25	23 36	0 19	4 14	1 33	1 49	15 11	3 53	4 7	18 21	2 9	4 1
W29	21 31	0n37	1 15	21 4	0n10	11 46	1 48	17 20	1 30	10 8	0 57	15 18	2 25	23 36	0 19	4 15	1 33	1 50	15 11	3 53	4 8	18 21	2 10	4 1
T 30	21 40	4 55	2 22	21 38	0 20	12 10	1 47	17 9	1 29	10 6	0 58	15 17	2 25	23 36	0 19	4 16	1 33	1 50	15 12	3 54	4 9	18 21	2 11	4 1
F 31	21n49	9n 6	3s23	22n10	0n30	12n34	1s47	16n58	1n28	10s 4	0s58	15s16	2n25	23n35	0n19	4n16	1s33	1n50	15s12	3n56	4n10	18s22	2n12	4n 1

Julian Day Number = 2403087.5, Delta T = 5.77 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°53'15, Lahiri = 22°00'16

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ASTRODIENST EPHEMERIS for the year 1867
geocentric

JUNE 1867 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 36 2	10♊ 0'05	16♉56	10♊15	9♉23	18♌ 8	6♓28	19°R22	6♋49	14♈28	15♉12	19°R57	19♍25	28♐29	26♓16	S 1
S 2	16 39 59	10°57'35	1♊56	12°27	10°35	18°40	6°33	19♏18	6°53	14°30	15°14	19♍47	19°22	28°36	26°17	S 2
M 3	16 43 55	11°55'03	17°10	14°39	11°47	19°13	6°37	19°14	6°56	14°31	15°15	19°36	19°18	28°43	26°19	M 3
T 4	16 47 52	12°52'30	2♋25	16°51	12°59	19°46	6°42	19°10	6°59	14°33	15°16	19°26	19°15	28°49	26°20	T 4
W 5	16 51 48	13°49'56	17°32	19° 1	14°11	20°18	6°46	19° 6	7° 3	14°34	15°17	19°17	19°12	28°56	26°22	W 5
T 6	16 55 45	14°47'22	2♌21	21°11	15°23	20°51	6°50	19° 2	7° 6	14°35	15°18	19°10	19° 9	29° 3	26°23	T 6
F 7	16 59 41	15°44'46	16°46	23°19	16°35	21°24	6°54	18°58	7°10	14°37	15°20	19° 5	19° 6	29°10	26°24	F 7
S 8	17 3 38	16°42'08	0♍44	25°26	17°47	21°57	6°58	18°54	7°13	14°38	15°21	19° 4	19° 3	29°16	26°25	S 8
S 9	17 7 34	17°39'30	14°16	27°32	18°59	22°31	7° 1	18°51	7°17	14°39	15°22	19° 3	18°59	29°23	26°26	S 9
M10	17 11 31	18°36'51	27°24	29°35	20°11	23° 4	7° 4	18°47	7°20	14°40	15°23	19° 3	18°56	29°30	26°27	M10
T 11	17 15 28	19°34'10	10♎11	1♋37	21°23	23°37	7° 7	18°44	7°24	14°42	15°24	19° 2	18°53	29°36	26°29	T 11
W12	17 19 24	20°31'29	22°42	3°36	22°35	24°11	7°10	18°40	7°27	14°43	15°25	18°59	18°50	29°43	26°30	W12
T 13	17 23 21	21°28'47	5♏ 1	5°34	23°47	24°44	7°13	18°37	7°30	14°44	15°27	18°54	18°47	29°50	26°30	T 13
F 14	17 27 17	22°26'04	17°10	7°29	24°59	25°18	7°16	18°33	7°34	14°45	15°28	18°46	18°43	29°57	26°31	F 14
S 15	17 31 14	23°23'20	29°12	9°22	26°11	25°52	7°18	18°30	7°38	14°46	15°29	18°35	18°40	0♑ 3	26°32	S 15
S 16	17 35 10	24°20'36	11♐ 9	11°13	27°23	26°26	7°20	18°27	7°41	14°47	15°30	18°22	18°37	0°10	26°33	S 16
M17	17 39 7	25°17'51	23° 4	13° 1	28°35	26°59	7°22	18°24	7°45	14°48	15°31	18° 9	18°34	0°17	26°34	M17
T 18	17 43 3	26°15'05	4♑56	14°47	29°47	27°33	7°24	18°21	7°48	14°49	15°32	17°55	18°31	0°24	26°34	T 18
W19	17 47 0	27°12'19	16°49	16°31	1♊ 0	28° 7	7°26	18°18	7°52	14°50	15°33	17°43	18°28	0°30	26°35	W19
T 20	17 50 57	28° 9'33	28°42	18°12	2°12	28°42	7°27	18°15	7°55	14°51	15°34	17°33	18°24	0°37	26°36	T 20
F 21	17 54 53	29° 6'46	10♒40	19°51	3°24	29°16	7°29	18°12	7°59	14°52	15°35	17°25	18°21	0°44	26°36	F 21
S 22	17 58 50	0♋ 3'59	22°44	21°28	4°37	29°50	7°30	18° 9	8° 3	14°53	15°36	17°21	18°18	0°50	26°37	S 22
S 23	18 2 46	1° 1'12	4♓57	23° 2	5°49	0♍24	7°31	18° 6	8° 6	14°54	15°37	17°18	18°15	0°57	26°37	S 23
M24	18 6 43	1°58'25	17°25	24°34	7° 1	0°59	7°31	18° 4	8°10	14°55	15°38	17°D18	18°12	1° 4	26°37	M24
T 25	18 10 39	2°55'38	0♈11	26° 3	8°14	1°33	7°32	18° 1	8°13	14°55	15°39	17°R18	18° 9	1°11	26°38	T 25
W26	18 14 36	3°52'51	13°20	27°30	9°26	2° 8	7°32	17°59	8°17	14°56	15°40	17°18	18° 5	1°17	26°38	W26
T 27	18 18 32	4°50'03	26°55	28°55	10°39	2°43	7°R32	17°56	8°21	14°57	15°41	17°16	18° 2	1°24	26°38	T 27
F 28	18 22 29	5°47'16	10♉59	0♌17	11°51	3°18	7°32	17°54	8°24	14°58	15°42	17°12	17°59	1°31	26°38	F 28
S 29	18 26 26	6°44'29	25°30	1°36	13° 4	3°52	7°32	17°52	8°28	14°58	15°43	17° 6	17°56	1°37	26°38	S 29
S 30	18 30 22	7♋41'43	10♊25	2♌53	14♊16	4♍27	7♓31	17♏50	8♋31	14♈59	15♉44	16♍57	17♍53	1♑44	26°R38	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n58	12n52	4s13	22n40	0n40	12n57	1s46	16n47	1n27	10s 3	0s58	15s15	2n25	23n35	0n19	4n17	1s33	1n50	15s12	3n59	4n12	18s22	2n12	4n 1
S 2	22 6	15 53	4 46	23 8	0 50	13 21	1 45	16 37	1 26	10 1	0 59	15 14	2 25	23 35	0 19	4 17	1 33	1 51	15 12	4 3	4 13	18 22	2 13	4 1
M 3	22 14	17 51	5 0	23 33	0 59	13 44	1 44	16 25	1 26	10 0	0 59	15 13	2 25	23 35	0 19	4 18	1 33	1 51	15 12	4 7	4 14	18 22	2 14	4 2
T 4	22 21	18 33	4 53	23 56	1 8	14 7	1 43	16 14	1 25	9 58	0 59	15 12	2 24	23 35	0 19	4 18	1 33	1 51	15 12	4 11	4 15	18 22	2 14	4 2
W 5	22 28	17 55	4 25	24 16	1 16	14 29	1 42	16 3	1 24	9 57	0 59	15 12	2 24	23 35	0 19	4 19	1 33	1 51	15 12	4 15	4 17	18 23	2 15	4 2
T 6	22 35	16 4	3 40	24 33	1 24	14 51	1 40	15 52	1 23	9 56	1 0	15 11	2 24	23 34	0 19	4 19	1 33	1 51	15 12	4 17	4 18	18 23	2 16	4 2
F 7	22 41	13 15	2 42	24 48	1 31	15 13	1 39	15 40	1 22	9 55	1 0	15 10	2 24	23 34	0 19	4 20	1 33	1 52	15 12	4 19	4 19	18 23	2 16	4 2
S 8	22 47	9 44	1 35	24 59	1 37	15 35	1 38	15 29	1 21	9 54	1 0	15 9	2 24	23 34	0 19	4 20	1 33	1 52	15 13	4 20	4 20	18 23	2 17	4 2
S 9	22 53	5 49	0 25	25 8	1 42	15 56	1 36	15 17	1 20	9 53	1 1	15 8	2 24	23 34	0 19	4 20	1 34	1 52	15 13	4 20	4 22	18 23	2 18	4 3
M10	22 58	1 43	0n44	25 14	1 47	16 16	1 35	15 5	1 20	9 52	1 1	15 7	2 23	23 34	0 19	4 21	1 34	1 52	15 13	4 20	4 23	18 24	2 18	4 3
T 11	23 3	2s22	1 49	25 18	1 51	16 37	1 33	14 53	1 19	9 51	1 1	15 6	2 23	23 33	0 19	4 21	1 34	1 52	15 13	4 21	4 24	18 24	2 19	4 3
W12	23 7	6 14	2 48	25 19	1 55	16 57	1 32	14 42	1 18	9 50	1 1	15 6	2 23	23 33	0 19	4 22	1 34	1 53	15 13	4 22	4 25	18 24	2 19	4 3
T 13	23 11	9 47	3 37	25 17	1 57	17 16	1 30	14 30	1 17	9 49	1 2	15 5	2 23	23 33	0 19	4 22	1 34	1 53	15 13	4 24	4 27	18 24	2 20	4 3
F 14	23 14	12 52	4 16	25 14	1 59	17 35	1 29	14 17	1 16	9 48	1 2	15 4	2 23	23 33	0 19	4 22	1 34	1 53	15 13	4 27	4 28	18 24	2 20	4 3
S 15	23 17	15 23	4 43	25 7	2 0	17 54	1 27	14 5	1 15	9 48	1 2	15 3	2 23	23 33	0 19	4 23	1 34	1 53	15 14	4 31	4 29	18 25	2 21	4 4
S 16	23 20	17 13	4 57	24 59	2 1	18 12	1 25	13 53	1 14	9 47	1 3	15 3	2 22	23 32	0 19	4 23	1 34	1 53	15 14	4 36	4 30	18 25	2 21	4 4
M17	23 22	18 18	4 59	24 49	2 0	18 30	1 23	13 41	1 14	9 47	1 3	15 2	2 22	23 32	0 19	4 24	1 34	1 53	15 14	4 41	4 32	18 25	2 22	4 4
T 18	23 24	18 35	4 47	24 36	1 59	18 48	1 21	13 28	1 13	9 46	1 3	15 1	2 22	23 32	0 19	4 24	1 34	1 53	15 14	4 47	4 33	18 25	2 22	4 4
W19	23 25	18 3	4 23	24 22	1 57	19 4	1 19	13 16	1 12	9 46	1 3	15 1	2 22	23 32	0 19	4 24	1 34	1 54	15 14	4 51	4 34	18 25	2 23	4 4
T 20	23 26	16 44	3 47	24 7	1 55	19 21	1 17	13 3	1 11	9 46	1 4	15 0	2 22	23 32	0 19	4 25	1 34	1 54	15 15	4 55	4 35	18 25	2 23	4 4
F 21	23 27	14 40	3 1	23 50	1 52	19 37	1 15	12 50	1 10	9 46	1 4	15 0	2 21	23 31	0 19	4 25	1 34	1 54	15 15	4 58	4 37	18 26	2 23	4 5
S 22	23 27	11 57	2 6	23 31	1 48	19 52	1 13	12 37	1 10	9 45	1 4	14 59	2 21	23 31	0 19	4 25	1 34	1 54	15 15	5 0	4 38	18 26	2 24	4 5
S 23	23 27	8 41	1 5	23 11	1 43	20 7	1 11	12 24	1 9	9 45	1 5	14 59	2 21	23 31	0 19	4 25	1 34	1 54	15 15	5 1	4 39	18 26	2 24	4 5
M24	23 26	4 59	0s 1	22 50	1 38	20 22	1 9	12 11	1 8	9 45	1 5	14 58	2 21	23 31	0 19	4 26	1 34	1 54	15 15	5 1	4 40	18 26	2 24	4 5
T 25	23 25	0 58	1 8	22 28	1 33	20 35	1 7	11 58	1 7	9 45	1 5	14 58	2 21	23 31	0 19	4 26	1 34	1 54	15 15	5 1	4 41	18 26	2 24	4 5
W26	23 24	3n13	2 14	22 5	1 26	20 49	1 5	11 45	1 6	9 46	1 5	14 57	2 20	23 30	0 19	4 26	1 34	1 54	15 16	5 1	4 43	18 26	2 25	4 5
T 27	23 22	7 22	3 14	21 41	1 19	21 2	1 2	11 32	1 6	9 46	1 6	14 57	2 20	23 30	0 19	4 26	1 35	1 54	15 16	5 2	4 44	18 26	2 25	4 6
F 28	23 20	11 15	4 5	21 16	1 12	21 14	1 0	11 19	1 5	9 46	1 6	14 56	2 20	23 30	0 19	4 27	1 35	1 54	15 16	5 3	4 45	18 27	2 25	4 6
S 29	23 17	14 35	4 42	20 51	1 4	21 25	0 58	11 5	1 4	9 47	1 6	14 56	2 20	23 30	0 19	4 27	1 35	1 54	15 16	5 6	4 46	18 27	2 25	4 6
S 30	23n14	17n 4	5s 1	20n25	0n55	21n36	0s55	10n52	1n 3	9s47	1s 7	14s55	2n19	23n29	0n19	4n27	1s35	1n54	15s17	5n 9	4n48	18s27	2n25	4n 6

Julian Day Number = 2403118.5, Delta T = 5.66 sec
Ecliptic obliquity = 23°27'14, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°53'20, Lahiri = 22°00'20

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ASTRODIENST EPHEMERIS for the year 1867
geocentric

JULY 1867 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 34 19	8♋38'56	25♊37	4♌ 7	15♊29	5♍ 2	7°R31	17°R48	8♋35	15♈ 0	15♉45	16°R48	17♍49	1♉51	26°R38	M 1
T 2	18 38 15	9°36'09	10♋55	5°18	16°41	5°37	7♓30	17♏46	8°39	15° 0	15°46	16♍38	17°46	1°58	26♓38	T 2
W 3	18 42 12	10°33'23	26° 8	6°27	17°54	6°13	7°29	17°44	8°42	15° 1	15°47	16°30	17°43	2° 4	26°38	W 3
T 4	18 46 8	11°30'36	11♌ 5	7°33	19° 7	6°48	7°27	17°42	8°46	15° 1	15°48	16°24	17°40	2°11	26°38	T 4
F 5	18 50 5	12°27'49	25°40	8°36	20°19	7°23	7°26	17°40	8°50	15° 2	15°48	16°20	17°37	2°18	26°38	F 5
S 6	18 54 1	13°25'02	9♍47	9°36	21°32	7°58	7°24	17°39	8°53	15° 2	15°49	16°18	17°34	2°24	26°37	S 6
S 7	18 57 58	14°22'14	23°26	10°33	22°45	8°34	7°22	17°37	8°57	15° 2	15°50	16°D18	17°30	2°31	26°37	S 7
M 8	19 1 55	15°19'27	6♎38	11°26	23°58	9° 9	7°20	17°36	9° 0	15° 3	15°51	16°19	17°27	2°38	26°37	M 8
T 9	19 5 51	16°16'39	19°27	12°16	25°10	9°45	7°18	17°35	9° 4	15° 3	15°52	16°R19	17°24	2°45	26°36	T 9
W10	19 9 48	17°13'51	1♏56	13° 3	26°23	10°21	7°16	17°33	9° 8	15° 3	15°52	16°18	17°21	2°51	26°36	W10
T 11	19 13 44	18°11'03	14°11	13°46	27°36	10°56	7°13	17°32	9°11	15° 4	15°53	16°15	17°18	2°58	26°35	T 11
F 12	19 17 41	19° 8'16	26°15	14°26	28°49	11°32	7°10	17°31	9°15	15° 4	15°54	16° 9	17°15	3° 5	26°34	F 12
S 13	19 21 37	20° 5'28	8♐12	15° 1	0♋ 2	12° 8	7° 7	17°30	9°18	15° 4	15°54	16° 1	17°11	3°12	26°34	S 13
S 14	19 25 34	21° 2'40	20° 5	15°32	1°15	12°44	7° 4	17°30	9°22	15° 4	15°55	15°52	17° 8	3°18	26°33	S 14
M15	19 29 30	21°59'53	1♑58	16° 0	2°28	13°20	7° 1	17°29	9°25	15° 5	15°56	15°42	17° 5	3°25	26°32	M15
T 16	19 33 27	22°57'06	13°51	16°23	3°41	13°56	6°57	17°28	9°29	15° 5	15°56	15°32	17° 2	3°32	26°31	T 16
W17	19 37 24	23°54'20	25°46	16°41	4°54	14°32	6°54	17°28	9°33	15° 5	15°57	15°23	16°59	3°38	26°30	W17
T 18	19 41 20	24°51'33	7♒45	16°55	6° 7	15° 8	6°50	17°27	9°36	15° 5	15°58	15°16	16°55	3°45	26°30	T 18
F 19	19 45 17	25°48'48	19°50	17° 4	7°20	15°44	6°46	17°27	9°40	15°R 5	15°58	15°11	16°52	3°52	26°29	F 19
S 20	19 49 13	26°46'03	2♓ 3	17°R 9	8°33	16°21	6°42	17°27	9°43	15° 5	15°59	15° 8	16°49	3°59	26°28	S 20
S 21	19 53 10	27°43'18	14°25	17° 8	9°46	16°57	6°37	17°26	9°47	15° 5	15°59	15°D 7	16°46	4° 5	26°26	S 21
M22	19 57 6	28°40'34	27° 0	17° 2	10°59	17°34	6°33	17°D26	9°50	15° 5	16° 0	15° 7	16°43	4°12	26°25	M22
T 23	20 1 3	29°37'52	9♈51	16°52	12°12	18°10	6°28	17°26	9°54	15° 5	16° 0	15° 9	16°40	4°19	26°24	T 23
W24	20 4 59	0♎35'10	23° 1	16°36	13°26	18°47	6°23	17°27	9°57	15° 4	16° 1	15°10	16°36	4°25	26°23	W24
T 25	20 8 56	1°32'29	6♉33	16°16	14°39	19°23	6°18	17°27	10° 0	15° 4	16° 1	15°R10	16°33	4°32	26°22	T 25
F 26	20 12 53	2°29'49	20°28	15°51	15°52	20° 0	6°13	17°27	10° 4	15° 4	16° 2	15° 9	16°30	4°39	26°20	F 26
S 27	20 16 49	3°27'10	4♊47	15°22	17° 6	20°37	6° 8	17°28	10° 7	15° 4	16° 2	15° 5	16°27	4°46	26°19	S 27
S 28	20 20 46	4°24'32	19°27	14°48	18°19	21°14	6° 2	17°28	10°11	15° 4	16° 3	15° 1	16°24	4°52	26°18	S 28
M29	20 24 42	5°21'56	4♋23	14°11	19°32	21°51	5°56	17°29	10°14	15° 3	16° 3	14°55	16°20	4°59	26°16	M29
T 30	20 28 39	6°19'20	19°28	13°31	20°46	22°27	5°51	17°29	10°17	15° 3	16° 3	14°50	16°17	5° 6	26°15	T 30
W31	20 32 35	7♌16'45	4♌31	12♌49	21♋59	23♍ 5	5♓45	17♏30	10♋21	15♈ 2	16♉ 4	14♍45	16♍14	5♉12	26♓13	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n10	18n24	4s59	19n59	0n46	21n47	0s53	10n38	1n 2	9s48	1s 7	14s55	2n19	23n29	0n19	4n27	1s35	1n54	15s17	5n13	4n49	18s27	2n26	4n 6
T 2	23 6	18 25	4 36	19 33	0 37	21 57	0 51	10 25	1 2	9 48	1 7	14 55	2 19	23 29	0 19	4 27	1 35	1 54	15 17	5 17	4 50	18 27	2 26	4 6
W 3	23 2	17 6	3 54	19 6	0 27	22 6	0 48	10 11	1 1	9 49	1 7	14 55	2 19	23 29	0 19	4 27	1 35	1 54	15 17	5 20	4 51	18 27	2 26	4 7
T 4	22 57	14 38	2 56	18 39	0 16	22 15	0 46	9 57	1 0	9 50	1 8	14 54	2 18	23 29	0 19	4 28	1 35	1 54	15 17	5 22	4 53	18 27	2 26	4 7
F 5	22 52	11 17	1 48	18 12	0 5	22 23	0 43	9 43	0 59	9 50	1 8	14 54	2 18	23 28	0 19	4 28	1 35	1 54	15 18	5 24	4 54	18 27	2 26	4 7
S 6	22 47	7 22	0 35	17 46	0s 6	22 30	0 41	9 29	0 59	9 51	1 8	14 54	2 18	23 28	0 19	4 28	1 35	1 54	15 18	5 25	4 55	18 27	2 26	4 7
S 7	22 41	3 11	0n38	17 19	0 18	22 37	0 38	9 15	0 58	9 52	1 9	14 54	2 18	23 28	0 19	4 28	1 35	1 54	15 18	5 25	4 56	18 28	2 26	4 7
M 8	22 34	1s 0	1 46	16 53	0 30	22 43	0 36	9 1	0 57	9 53	1 9	14 54	2 17	23 28	0 19	4 28	1 35	1 54	15 18	5 24	4 58	18 28	2 26	4 7
T 9	22 28	5 2	2 47	16 27	0 43	22 49	0 33	8 47	0 56	9 54	1 9	14 53	2 17	23 27	0 19	4 28	1 35	1 54	15 19	5 24	4 59	18 28	2 26	4 7
W10	22 21	8 44	3 39	16 1	0 56	22 54	0 31	8 33	0 55	9 55	1 9	14 53	2 17	23 27	0 19	4 28	1 35	1 54	15 19	5 25	5 0	18 28	2 26	4 8
T 11	22 13	11 59	4 19	15 36	1 9	22 58	0 28	8 19	0 55	9 57	1 10	14 53	2 17	23 27	0 19	4 28	1 35	1 54	15 19	5 26	5 1	18 28	2 26	4 8
F 12	22 5	14 40	4 47	15 12	1 22	23 1	0 26	8 4	0 54	9 58	1 10	14 53	2 16	23 27	0 19	4 28	1 35	1 54	15 19	5 28	5 3	18 28	2 26	4 8
S 13	21 57	16 43	5 2	14 49	1 36	23 4	0 23	7 50	0 53	9 59	1 10	14 53	2 16	23 26	0 19	4 28	1 35	1 54	15 20	5 31	5 4	18 28	2 26	4 8
S 14	21 48	18 2	5 4	14 26	1 50	23 6	0 20	7 36	0 52	10 1	1 11	14 53	2 16	23 26	0 19	4 28	1 36	1 54	15 20	5 35	5 5	18 28	2 25	4 8
M15	21 39	18 33	4 53	14 5	2 4	23 8	0 18	7 21	0 52	10 2	1 11	14 53	2 16	23 26	0 19	4 28	1 36	1 54	15 20	5 38	5 6	18 28	2 25	4 8
T 16	21 30	18 16	4 29	13 45	2 18	23 9	0 15	7 7	0 51	10 4	1 11	14 53	2 15	23 26	0 19	4 28	1 36	1 54	15 20	5 42	5 8	18 28	2 25	4 9
W17	21 20	17 11	3 53	13 26	2 32	23 9	0 13	6 52	0 50	10 5	1 11	14 53	2 15	23 25	0 19	4 28	1 36	1 54	15 21	5 46	5 9	18 29	2 25	4 9
T 18	21 10	15 20	3 7	13 8	2 46	23 9	0 10	6 37	0 49	10 7	1 12	14 53	2 15	23 25	0 19	4 28	1 36	1 54	15 21	5 49	5 10	18 29	2 25	4 9
F 19	21 0	12 47	2 12	12 52	3 0	23 8	0 7	6 23	0 49	10 9	1 12	14 54	2 15	23 25	0 19	4 28	1 36	1 54	15 21	5 51	5 11	18 29	2 24	4 9
S 20	20 49	9 40	1 10	12 38	3 14	23 6	0 5	6 8	0 48	10 11	1 12	14 54	2 14	23 25	0 19	4 28	1 36	1 53	15 22	5 52	5 12	18 29	2 24	4 9
S 21	20 38	6 5	0 4	12 25	3 27	23 3	0 2	5 53	0 47	10 13	1 12	14 54	2 14	23 25	0 19	4 28	1 36	1 53	15 22	5 52	5 14	18 29	2 24	4 9
M22	20 26	2 10	1s 4	12 15	3 40	23 0	0n 0	5 38	0 47	10 14	1 13	14 54	2 14	23 24	0 19	4 28	1 36	1 53	15 22	5 52	5 15	18 29	2 23	4 9
T 23	20 14	1n55	2 10	12 6	3 52	22 56	0 3	5 23	0 46	10 16	1 13	14 55	2 14	23 24	0 19	4 28	1 36	1 53	15 22	5 51	5 16	18 29	2 23	4 10
W24	20 2	6 0	3 11	11 59	4 4	22 52	0 5	5 8	0 45	10 19	1 13	14 55	2 13	23 24	0 19	4 28	1 36	1 53	15 23	5 51	5 17	18 29	2 23	4 10
T 25	19 50	9 53	4 2	11 55	4 15	22 47	0 8	4 53	0 44	10 21	1 14	14 55	2 13	23 24	0 19	4 28	1 36	1 53	15 23	5 51	5 19	18 29	2 22	4 10
F 26	19 37	13 21	4 42	11 53	4 25	22 41	0 10	4 38	0 44	10 23	1 14	14 55	2 13	23 23	0 19	4 28	1 36	1 53	15 23	5 51	5 20	18 29	2 22	4 10
S 27	19 24	16 6	5 5	11 53	4 33	22 34	0 13	4 23	0 43	10 25	1 14	14 56	2 13	23 23	0 19	4 27	1 36	1 52	15 23	5 53	5 21	18 29	2 22	4 10
S 28	19 10	17 54	5 9	11 55	4 41	22 27	0 15	4 8	0 42	10 27	1 14	14 56	2 12	23 23	0 19	4 27	1 36	1 52	15 24	5 54	5 22	18 29	2 21	4 10
M29	18 56	18 31	4 52	12 0	4 47	22 19	0 18	3 52	0 41	10 30	1 14	14 57	2 12	23 23	0 19	4 27	1 36	1 52	15 24	5 57	5 24	18 29	2 21	4 10
T 30	18 42	17 50	4 15	12 7	4 52	22 11	0 20	3 37	0 41	10 32	1 15	14 57	2 12	23 22	0 19	4 27	1 36	1 52	15 24	5 59	5 25	18 29	2 20	4 10
W31	18n28	15n53	3s21	12n16	4s55	22n 2	0n23	3n22	0n40	10s34	1s15	14s58	2n12	23n22	0n19	4n27	1s36	1n52	15s25	6n 1	5n26	18s29	2n20	4n11

Julian Day Number = 2403148.5, Delta T = 5.55 sec
Ecliptic obliquity = 23°27'14, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°53'24, Lahiri = 22°00'24

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ASTRODIENST EPHEMERIS for the year 1867
geocentric

AUGUST 1867 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 36 32	8♌14'11	19♌24	12°R 4	23♋13	23♍42	5°R39	17♏31	10♋24	15°R 2	16♉ 4	14°R41	16♍11	5♑19	26°R11	T 1
F 2	20 40 28	9°11'38	3♍58	11♌18	24°26	24°19	5♓32	17°32	10°27	15♈ 2	16° 4	14♍39	16° 8	5°26	26♓10	F 2
S 3	20 44 25	10° 9'05	18° 9	10°32	25°40	24°56	5°26	17°33	10°31	15° 1	16° 5	14°D39	16° 5	5°33	26° 8	S 3
S 4	20 48 22	11° 6'34	1♎53	9°47	26°53	25°33	5°20	17°34	10°34	15° 1	16° 5	14°40	16° 1	5°39	26° 6	S 4
M 5	20 52 18	12° 4'03	15°10	9° 2	28° 7	26°11	5°13	17°36	10°37	15° 0	16° 5	14°41	15°58	5°46	26° 5	M 5
T 6	20 56 15	13° 1'33	28° 3	8°20	29°21	26°48	5° 6	17°37	10°40	15° 0	16° 5	14°43	15°55	5°53	26° 3	T 6
W 7	21 0 11	13°59'03	10♏36	7°42	0♌34	27°26	5° 0	17°39	10°43	14°59	16° 6	14°R43	15°52	5°59	26° 1	W 7
T 8	21 4 8	14°56'35	22°51	7° 7	1°48	28° 3	4°53	17°40	10°47	14°58	16° 6	14°43	15°49	6° 6	25°59	T 8
F 9	21 8 4	15°54'07	4♐55	6°36	3° 2	28°41	4°46	17°42	10°50	14°58	16° 6	14°42	15°46	6°13	25°57	F 9
S 10	21 12 1	16°51'40	16°51	6°11	4°16	29°18	4°39	17°44	10°53	14°57	16° 6	14°39	15°42	6°20	25°55	S 10
S 11	21 15 57	17°49'15	28°44	5°51	5°29	29°56	4°31	17°46	10°56	14°56	16° 6	14°35	15°39	6°26	25°53	S 11
M12	21 19 54	18°46'50	10♑36	5°38	6°43	0♎34	4°24	17°48	10°59	14°56	16° 6	14°31	15°36	6°33	25°51	M12
T 13	21 23 51	19°44'26	22°32	5°D32	7°57	1°12	4°17	17°50	11° 2	14°55	16° 6	14°27	15°33	6°40	25°49	T 13
W14	21 27 47	20°42'03	4♒32	5°32	9°11	1°50	4° 9	17°52	11° 5	14°54	16° 6	14°23	15°30	6°46	25°47	W14
T 15	21 31 44	21°39'42	16°40	5°40	10°25	2°28	4° 2	17°54	11° 8	14°53	16° 6	14°20	15°26	6°53	25°45	T 15
F 16	21 35 40	22°37'22	28°57	5°55	11°39	3° 6	3°54	17°56	11°11	14°52	16°R 6	14°18	15°23	7° 0	25°42	F 16
S 17	21 39 37	23°35'03	11♓24	6°17	12°53	3°44	3°47	17°59	11°14	14°52	16° 6	14°D17	15°20	7° 7	25°40	S 17
S 18	21 43 33	24°32'45	24° 2	6°47	14° 7	4°22	3°39	18° 1	11°17	14°51	16° 6	14°17	15°17	7°13	25°38	S 18
M19	21 47 30	25°30'29	6♈54	7°25	15°21	5° 0	3°31	18° 4	11°19	14°50	16° 6	14°18	15°14	7°20	25°36	M19
T 20	21 51 26	26°28'15	19°58	8° 9	16°35	5°39	3°23	18° 7	11°22	14°49	16° 6	14°20	15°11	7°27	25°33	T 20
W21	21 55 23	27°26'02	3♉18	9° 1	17°49	6°17	3°16	18° 9	11°25	14°48	16° 6	14°21	15° 7	7°33	25°31	W21
T 22	21 59 20	28°23'51	16°55	9°59	19° 3	6°55	3° 8	18°12	11°28	14°47	16° 6	14°22	15° 4	7°40	25°28	T 22
F 23	22 3 16	29°21'42	0♊47	11° 4	20°17	7°34	3° 0	18°15	11°31	14°46	16° 6	14°R22	15° 1	7°47	25°26	F 23
S 24	22 7 13	0♍19'34	14°56	12°16	21°31	8°12	2°52	18°18	11°33	14°45	16° 6	14°22	14°58	7°54	25°24	S 24
S 25	22 11 9	1°17'29	29°20	13°34	22°45	8°51	2°44	18°21	11°36	14°44	16° 6	14°21	14°55	8° 0	25°21	S 25
M26	22 15 6	2°15'25	13♋55	14°57	23°59	9°30	2°36	18°25	11°38	14°42	16° 5	14°20	14°52	8° 7	25°19	M26
T 27	22 19 2	3°13'23	28°35	16°25	25°14	10° 8	2°28	18°28	11°41	14°41	16° 5	14°18	14°48	8°14	25°16	T 27
W28	22 22 59	4°11'23	13♌16	17°58	26°28	10°47	2°20	18°31	11°44	14°40	16° 5	14°17	14°45	8°20	25°14	W28
T 29	22 26 55	5° 9'24	27°50	19°35	27°42	11°26	2°13	18°35	11°46	14°39	16° 5	14°16	14°42	8°27	25°11	T 29
F 30	22 30 52	6° 7'27	12♍11	21°16	28°57	12° 5	2° 5	18°38	11°49	14°38	16° 4	14°D16	14°39	8°34	25° 8	F 30
S 31	22 34 49	7♍ 5'32	26♍13	23♌ 1	0♍11	12♎44	1♓57	18♏42	11♋51	14♈37	16♉ 4	14♍16	14♍36	8♑41	25♓ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n13	12n54	2s13	12n27	4s56	21n52	0n25	3n 6	0n39	10s37	1s15	14s58	2n11	23n22	0n19	4n27	1s37	1n52	15s25	6n 2	5n27	18s29	2n19	4n11
F 2	17 58	9 10	0 58	12 40	4 55	21 42	0 27	2 51	0 39	10 39	1 15	14 59	2 11	23 22	0 19	4 26	1 37	1 51	15 25	6 3	5 29	18 29	2 19	4 11
S 3	17 43	4 59	0n19	12 54	4 53	21 30	0 30	2 36	0 38	10 42	1 16	14 59	2 11	23 21	0 19	4 26	1 37	1 51	15 26	6 3	5 30	18 29	2 18	4 11
S 4	17 27	0 40	1 33	13 10	4 49	21 19	0 32	2 20	0 37	10 44	1 16	15 0	2 11	23 21	0 19	4 26	1 37	1 51	15 26	6 3	5 31	18 29	2 17	4 11
M 5	17 11	3s32	2 39	13 27	4 43	21 6	0 34	2 5	0 36	10 47	1 16	15 0	2 10	23 21	0 19	4 26	1 37	1 51	15 26	6 2	5 32	18 29	2 17	4 11
T 6	16 55	7 26	3 35	13 45	4 35	20 54	0 36	1 49	0 36	10 50	1 16	15 1	2 10	23 21	0 19	4 25	1 37	1 51	15 26	6 2	5 33	18 29	2 16	4 11
W 7	16 38	10 54	4 19	14 4	4 26	20 40	0 39	1 34	0 35	10 52	1 16	15 2	2 10	23 20	0 19	4 25	1 37	1 50	15 27	6 1	5 35	18 29	2 16	4 11
T 8	16 22	13 48	4 51	14 23	4 15	20 26	0 41	1 18	0 34	10 55	1 17	15 2	2 10	23 20	0 19	4 25	1 37	1 50	15 27	6 1	5 36	18 29	2 15	4 11
F 9	16 5	16 4	5 9	14 43	4 3	20 11	0 43	1 2	0 34	10 58	1 17	15 3	2 9	23 20	0 19	4 24	1 37	1 50	15 27	6 2	5 37	18 29	2 14	4 11
S 10	15 48	17 37	5 13	15 2	3 49	19 56	0 45	0 47	0 33	11 0	1 17	15 4	2 9	23 20	0 19	4 24	1 37	1 50	15 28	6 3	5 38	18 29	2 13	4 12
S 11	15 30	18 23	5 4	15 21	3 35	19 40	0 47	0 31	0 32	11 3	1 17	15 5	2 9	23 19	0 19	4 24	1 37	1 49	15 28	6 4	5 40	18 29	2 13	4 12
M12	15 12	18 21	4 42	15 39	3 19	19 24	0 49	0 15	0 32	11 6	1 17	15 5	2 8	23 19	0 19	4 23	1 37	1 49	15 28	6 6	5 41	18 29	2 12	4 12
T 13	14 54	17 30	4 7	15 56	3 3	19 7	0 51	0s 0	0 31	11 9	1 18	15 6	2 8	23 19	0 19	4 23	1 37	1 49	15 28	6 8	5 42	18 29	2 11	4 12
W14	14 36	15 53	3 21	16 12	2 46	18 49	0 53	0 16	0 30	11 12	1 18	15 7	2 8	23 19	0 19	4 23	1 37	1 49	15 29	6 9	5 43	18 29	2 10	4 12
T 15	14 18	13 31	2 26	16 27	2 29	18 31	0 55	0 32	0 29	11 15	1 18	15 8	2 8	23 19	0 19	4 22	1 37	1 48	15 29	6 10	5 45	18 29	2 10	4 12
F 16	13 59	10 32	1 24	16 40	2 12	18 12	0 56	0 48	0 29	11 18	1 18	15 9	2 7	23 18	0 19	4 22	1 37	1 48	15 29	6 11	5 46	18 29	2 9	4 12
S 17	13 40	7 3	0 16	16 52	1 54	17 53	0 58	1 3	0 28	11 21	1 18	15 10	2 7	23 18	0 19	4 22	1 37	1 48	15 30	6 11	5 47	18 29	2 8	4 12
S 18	13 21	3 11	0s54	17 1	1 37	17 34	1 0	1 19	0 27	11 23	1 18	15 11	2 7	23 18	0 19	4 21	1 37	1 47	15 30	6 11	5 48	18 29	2 7	4 12
M19	13 2	0n53	2 2	17 9	1 20	17 14	1 2	1 35	0 27	11 26	1 18	15 12	2 7	23 18	0 19	4 21	1 37	1 47	15 30	6 11	5 49	18 29	2 6	4 12
T 20	12 42	4 58	3 5	17 14	1 3	16 53	1 3	1 51	0 26	11 29	1 19	15 13	2 6	23 17	0 19	4 20	1 38	1 47	15 31	6 10	5 51	18 29	2 5	4 12
W21	12 22	8 53	3 59	17 16	0 46	16 32	1 5	2 6	0 25	11 32	1 19	15 14	2 6	23 17	0 20	4 20	1 38	1 47	15 31	6 10	5 52	18 29	2 5	4 12
T 22	12 2	12 24	4 41	17 16	0 31	16 10	1 6	2 22	0 25	11 35	1 19	15 15	2 6	23 17	0 20	4 20	1 38	1 46	15 31	6 9	5 53	18 29	2 4	4 12
F 23	11 42	15 19	5 7	17 13	0 15	15 48	1 8	2 38	0 24	11 38	1 19	15 16	2 6	23 17	0 20	4 19	1 38	1 46	15 31	6 9	5 54	18 29	2 3	4 12
S 24	11 22	17 22	5 16	17 7	0 1	15 26	1 9	2 54	0 23	11 41	1 19	15 17	2 5	23 17	0 20	4 19	1 38	1 46	15 32	6 10	5 56	18 29	2 2	4 12
S 25	11 1	18 22	5 6	16 58	0n13	15 3	1 11	3 10	0 23	11 44	1 19	15 18	2 5	23 16	0 20	4 18	1 38	1 45	15 32	6 10	5 57	18 29	2 1	4 12
M26	10 41	18 10	4 35	16 47	0 26	14 40	1 12	3 26	0 22	11 47	1 19	15 19	2 5	23 16	0 20	4 18	1 38	1 45	15 32	6 10	5 58	18 29	2 0	4 13
T 27	10 20	16 45	3 47	16 32	0 38	14 16	1 13	3 42	0 21	11 50	1 19	15 20	2 5	23 16	0 20	4 17	1 38	1 45	15 33	6 11	5 59	18 29	1 59	4 13
W28	9 59	14 14	2 43	16 14	0 49	13 52	1 14	3 57	0 21	11 53	1 19	15 21	2 5	23 16	0 20	4 17	1 38	1 44	15 33	6 11	6 0	18 29	1 58	4 13
T 29	9 38	10 50	1 30	15 54	1 0	13 27	1 15	4 13	0 20	11 56	1 19	15 22	2 4	23 16	0 20	4 16	1 38	1 44	15 33	6 12	6 2	18 29	1 57	4 13
F 30	9 16	6 49	0 12	15 30	1 9	13 3	1 17	4 29	0 19	11 59	1 19	15 24	2 4	23 15	0 20	4 16	1 38	1 44	15 33	6 12	6 3	18 29	1 56	4 13
S 31	8n55	2n31	1n 6	15n 4	1n17	12n37	1n18	4s45	0n19	12s 2	1s20	15s25	2n 4	23n15	0n20	4n15	1s38	1n43	15s34	6n12	6n 4	18s29	1n55	4n13

Julian Day Number = 2403179.5, Delta T = 5.44 sec
Ecliptic obliquity = 23°27'14, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°53'28, Lahiri = 22°00'28

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1867
geocentric

SEPTEMBER 1867 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 38 45	8♍ 3'38	9♎55	24♌48	1♍25	13♎23	1°R49	18♏46	11♋53	14°R35	16°R 4	14♍16	14♍32	8♉47	25°R 3	S 1
M 2	22 42 42	9° 1'46	23°13	26°37	2°40	14° 2	1♓41	18°49	11°56	14♈34	16♉ 4	14°17	14°29	8°54	25♓ 1	M 2
T 3	22 46 38	9°59'55	6♏ 9	28°29	3°54	14°41	1°33	18°53	11°58	14°33	16° 3	14°18	14°26	9° 1	24°58	T 3
W 4	22 50 35	10°58'06	18°44	0♍22	5° 9	15°20	1°26	18°57	12° 0	14°31	16° 3	14°18	14°23	9° 7	24°55	W 4
T 5	22 54 31	11°56'18	1♐ 2	2°16	6°23	16° 0	1°18	19° 1	12° 2	14°30	16° 2	14°18	14°20	9°14	24°52	T 5
F 6	22 58 28	12°54'32	13° 8	4°10	7°37	16°39	1°10	19° 6	12° 5	14°29	16° 2	14°R18	14°17	9°21	24°50	F 6
S 7	23 2 24	13°52'47	25° 4	6° 6	8°52	17°18	1° 3	19°10	12° 7	14°27	16° 2	14°D18	14°13	9°27	24°47	S 7
S 8	23 6 21	14°51'04	6♑57	8° 1	10° 6	17°58	0°55	19°14	12° 9	14°26	16° 1	14°18	14°10	9°34	24°44	S 8
M 9	23 10 17	15°49'22	18°50	9°56	11°21	18°37	0°48	19°18	12°11	14°25	16° 1	14°18	14° 7	9°41	24°42	M 9
T 10	23 14 14	16°47'42	0♒48	11°51	12°36	19°17	0°41	19°23	12°13	14°23	16° 0	14°18	14° 4	9°48	24°39	T 10
W11	23 18 11	17°46'03	12°54	13°46	13°50	19°57	0°33	19°27	12°15	14°22	16° 0	14°19	14° 1	9°54	24°36	W11
T 12	23 22 7	18°44'27	25°10	15°40	15° 5	20°36	0°26	19°32	12°17	14°20	15°59	14°19	13°57	10° 1	24°33	T 12
F 13	23 26 4	19°42'52	7♓40	17°33	16°19	21°16	0°19	19°36	12°19	14°19	15°59	14°19	13°54	10° 8	24°30	F 13
S 14	23 30 0	20°41'18	20°25	19°26	17°34	21°56	0°12	19°41	12°21	14°17	15°58	14°R19	13°51	10°14	24°28	S 14
S 15	23 33 57	21°39'47	3♈24	21°18	18°49	22°36	0° 5	19°46	12°22	14°16	15°57	14°19	13°48	10°21	24°25	S 15
M16	23 37 53	22°38'17	16°38	23° 9	20° 3	23°16	29♒59	19°51	12°24	14°14	15°57	14°18	13°45	10°28	24°22	M16
T 17	23 41 50	23°36'50	0♉ 7	24°59	21°18	23°56	29°52	19°56	12°26	14°13	15°56	14°17	13°42	10°35	24°19	T 17
W18	23 45 46	24°35'25	13°47	26°48	22°33	24°36	29°46	20° 1	12°27	14°11	15°56	14°16	13°38	10°41	24°17	W18
T 19	23 49 43	25°34'02	27°39	28°36	23°47	25°16	29°39	20° 6	12°29	14°10	15°55	14°15	13°35	10°48	24°14	T 19
F 20	23 53 40	26°32'41	11♊40	0♎23	25° 2	25°56	29°33	20°11	12°31	14° 8	15°54	14°14	13°32	10°55	24°11	F 20
S 21	23 57 36	27°31'22	25°47	2° 9	26°17	26°36	29°27	20°16	12°32	14° 6	15°54	14°D14	13°29	11° 1	24° 8	S 21
S 22	0 1 33	28°30'06	10♋ 0	3°54	27°32	27°17	29°21	20°21	12°34	14° 5	15°53	14°14	13°26	11° 8	24° 5	S 22
M23	0 5 29	29°28'52	24°16	5°38	28°46	27°57	29°15	20°27	12°35	14° 3	15°52	14°15	13°23	11°15	24° 3	M23
T 24	0 9 26	0♎27'40	8♌32	7°21	0♎ 1	28°38	29° 9	20°32	12°36	14° 2	15°51	14°16	13°19	11°22	24° 0	T 24
W25	0 13 22	1°26'31	22°45	9° 3	1°16	29°18	29° 4	20°37	12°38	14° 0	15°51	14°17	13°16	11°28	23°57	W25
T 26	0 17 19	2°25'24	6♍52	10°45	2°31	29°59	28°58	20°43	12°39	13°58	15°50	14°18	13°13	11°35	23°54	T 26
F 27	0 21 15	3°24'18	20°49	12°25	3°46	0♏39	28°53	20°48	12°40	13°57	15°49	14°R18	13°10	11°42	23°52	F 27
S 28	0 25 12	4°23'15	4♎33	14° 5	5° 0	1°20	28°48	20°54	12°41	13°55	15°48	14°17	13° 7	11°48	23°49	S 28
S 29	0 29 9	5°22'14	18° 1	15°43	6°15	2° 1	28°43	21° 0	12°42	13°54	15°48	14°15	13° 3	11°55	23°46	S 29
M30	0 33 5	6♎21'15	1♏11	17♎21	7♎30	2♏42	28♒38	21♏ 5	12♋43	13♈52	15♉47	14♍12	13♍ 0	12♉ 2	23♓43	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n33	1s49	2n18	14n35	1n24	12n12	1n18	5s 1	0n18	12s 4	1s20	15s26	2n 4	23n15	0n20	4n15	1s38	1n43	15s34	6n12	6n 5	18s29	1n54	4n13
M 2	8 11	5 56	3 20	14 4	1 30	11 46	1 19	5 16	0 17	12 7	1 20	15 27	2 3	23 15	0 20	4 14	1 38	1 43	15 34	6 11	6 7	18 29	1 53	4 13
T 3	7 49	9 39	4 10	13 30	1 35	11 20	1 20	5 32	0 17	12 10	1 20	15 29	2 3	23 15	0 20	4 14	1 38	1 42	15 34	6 11	6 8	18 29	1 52	4 13
W 4	7 27	12 49	4 46	12 54	1 40	10 53	1 21	5 48	0 16	12 13	1 20	15 30	2 3	23 14	0 20	4 13	1 38	1 42	15 35	6 11	6 9	18 29	1 51	4 13
T 5	7 5	15 20	5 9	12 17	1 43	10 26	1 22	6 4	0 15	12 16	1 20	15 31	2 3	23 14	0 20	4 13	1 38	1 41	15 35	6 11	6 10	18 28	1 50	4 13
F 6	6 43	17 9	5 17	11 37	1 45	9 59	1 22	6 19	0 15	12 18	1 20	15 32	2 3	23 14	0 20	4 12	1 38	1 41	15 35	6 11	6 12	18 28	1 49	4 13
S 7	6 21	18 10	5 12	10 56	1 47	9 32	1 23	6 35	0 14	12 21	1 20	15 34	2 2	23 14	0 20	4 12	1 38	1 41	15 36	6 11	6 13	18 28	1 47	4 13
S 8	5 58	18 24	4 53	10 14	1 48	9 4	1 23	6 51	0 13	12 24	1 20	15 35	2 2	23 14	0 20	4 11	1 38	1 40	15 36	6 11	6 14	18 28	1 46	4 13
M 9	5 36	17 49	4 22	9 31	1 48	8 36	1 24	7 7	0 13	12 26	1 20	15 37	2 2	23 14	0 20	4 10	1 38	1 40	15 36	6 11	6 15	18 28	1 45	4 13
T 10	5 13	16 26	3 39	8 46	1 47	8 8	1 24	7 22	0 12	12 29	1 20	15 38	2 2	23 13	0 20	4 10	1 38	1 40	15 36	6 11	6 16	18 28	1 44	4 12
W11	4 50	14 18	2 46	8 1	1 46	7 40	1 24	7 38	0 11	12 32	1 20	15 39	2 1	23 13	0 20	4 9	1 38	1 39	15 37	6 11	6 18	18 28	1 43	4 12
T 12	4 27	11 30	1 44	7 15	1 44	7 11	1 25	7 53	0 11	12 34	1 20	15 41	2 1	23 13	0 20	4 9	1 38	1 39	15 37	6 11	6 19	18 28	1 42	4 12
F 13	4 5	8 8	0 37	6 29	1 42	6 42	1 25	8 9	0 10	12 37	1 20	15 42	2 1	23 13	0 20	4 8	1 38	1 38	15 37	6 10	6 20	18 28	1 41	4 12
S 14	3 42	4 19	0s34	5 42	1 39	6 13	1 25	8 24	0 9	12 39	1 20	15 44	2 1	23 13	0 20	4 7	1 38	1 38	15 37	6 10	6 21	18 28	1 40	4 12
S 15	3 19	0 14	1 44	4 55	1 36	5 44	1 25	8 40	0 9	12 41	1 20	15 45	2 1	23 13	0 20	4 7	1 39	1 38	15 38	6 11	6 23	18 28	1 38	4 12
M16	2 55	3n56	2 50	4 8	1 32	5 15	1 25	8 55	0 8	12 44	1 20	15 47	2 0	23 13	0 20	4 6	1 39	1 37	15 38	6 11	6 24	18 27	1 37	4 12
T 17	2 32	7 58	3 47	3 20	1 28	4 45	1 25	9 11	0 7	12 46	1 20	15 48	2 0	23 12	0 20	4 6	1 39	1 37	15 38	6 11	6 25	18 27	1 36	4 12
W18	2 9	11 39	4 33	2 33	1 23	4 16	1 25	9 26	0 7	12 48	1 20	15 50	2 0	23 12	0 20	4 5	1 39	1 37	15 38	6 12	6 26	18 27	1 35	4 12
T 19	1 46	14 43	5 3	1 45	1 18	3 46	1 25	9 41	0 6	12 51	1 20	15 51	2 0	23 12	0 20	4 4	1 39	1 36	15 39	6 12	6 27	18 27	1 34	4 12
F 20	1 22	16 59	5 16	0 58	1 13	3 16	1 24	9 57	0 5	12 53	1 20	15 53	2 0	23 12	0 20	4 4	1 39	1 36	15 39	6 13	6 29	18 27	1 33	4 12
S 21	0 59	18 13	5 10	0 11	1 8	2 46	1 24	10 12	0 5	12 55	1 19	15 54	1 59	23 12	0 20	4 3	1 39	1 35	15 39	6 13	6 30	18 27	1 31	4 12
S 22	0 36	18 20	4 45	0s36	1 2	2 16	1 24	10 27	0 4	12 57	1 19	15 56	1 59	23 12	0 20	4 2	1 39	1 35	15 39	6 13	6 31	18 27	1 30	4 12
M23	0 12	17 18	4 2	1 23	0 56	1 46	1 23	10 42	0 3	12 59	1 19	15 57	1 59	23 12	0 20	4 2	1 39	1 35	15 39	6 12	6 32	18 27	1 29	4 12
T 24	0s11	15 10	3 5	2 9	0 50	1 15	1 23	10 57	0 3	13 1	1 19	15 59	1 59	23 12	0 20	4 1	1 39	1 34	15 40	6 12	6 34	18 26	1 28	4 12
W25	0 34	12 7	1 56	2 56	0 43	0 45	1 22	11 12	0 2	13 3	1 19	16 1	1 59	23 12	0 20	4 1	1 39	1 34	15 40	6 11	6 35	18 26	1 27	4 11
T 26	0 58	8 22	0 41	3 41	0 37	0 15	1 21	11 27	0 1	13 4	1 19	16 2	1 59	23 11	0 20	4 0	1 39	1 33	15 40	6 11	6 36	18 26	1 25	4 11
F 27	1 21	4 12	0n36	4 27	0 30	0s16	1 21	11 42	0 1	13 6	1 19	16 4	1 58	23 11	0 20	3 59	1 39	1 33	15 40	6 11	6 37	18 26	1 24	4 11
S 28	1 45	0s 8	1 49	5 11	0 24	0 46	1 20	11 57	0 0	13 8	1 19	16 5	1 58	23 11	0 20	3 59	1 39	1 33	15 40	6 11	6 38	18 26	1 23	4 11
S 29	2 8	4 22	2 55	5 56	0 17	1 17	1 19	12 11	0s 0	13 10	1 19	16 7	1 58	23 11	0 20	3 58	1 39	1 32	15 41	6 12	6 40	18 26	1 22	4 11
M30	2s31	8s18	3n50	6s40	0n10	1s47	1n18	12s26	0s 1	13s11	1s19	16s 9	1n58	23n11	0n20	3n57	1s39	1n32	15s41	6n13	6n41	18s26	1n21	4n11

Julian Day Number = 2403210.5, Delta T = 5.33 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°53'32, Lahiri = 22°00'33

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ASTRODIENST EPHEMERIS for the year 1867
geocentric

OCTOBER 1867 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 37 2	7♎20'18	14♏ 4	18♎58	8♎45	3♏23	28°R34	21♏11	12♋44	13°R50	15°R46	14°R 8	12♍57	12♑ 8	23°R41	T 1
W 2	0 40 58	8°19'22	26°38	20°34	10° 0	4° 3	28♒29	21°17	12°45	13♈49	15♉45	14♍ 4	12°54	12°15	23♓38	W 2
T 3	0 44 55	9°18'29	8♐57	22° 9	11°15	4°44	28°25	21°23	12°46	13°47	15°44	14° 1	12°51	12°22	23°35	T 3
F 4	0 48 51	10°17'37	21° 2	23°43	12°30	5°26	28°21	21°29	12°47	13°45	15°43	13°58	12°48	12°29	23°33	F 4
S 5	0 52 48	11°16'47	2♑59	25°17	13°45	6° 7	28°17	21°35	12°48	13°44	15°42	13°57	12°44	12°35	23°30	S 5
S 6	0 56 44	12°15'59	14°51	26°50	15° 0	6°48	28°13	21°41	12°49	13°42	15°42	13°D56	12°41	12°42	23°27	S 6
M 7	1 0 41	13°15'13	26°44	28°22	16°15	7°29	28°10	21°47	12°49	13°40	15°41	13°57	12°38	12°49	23°25	M 7
T 8	1 4 37	14°14'29	8♒41	29°53	17°30	8°10	28° 7	21°53	12°50	13°39	15°40	13°59	12°35	12°55	23°22	T 8
W 9	1 8 34	15°13'46	20°49	1♏23	18°45	8°52	28° 3	21°59	12°51	13°37	15°39	14° 1	12°32	13° 2	23°20	W 9
T 10	1 12 31	16°13'05	3♓11	2°53	20° 0	9°33	28° 1	22° 5	12°51	13°35	15°38	14° 2	12°29	13° 9	23°17	T 10
F 11	1 16 27	17°12'26	15°50	4°22	21°15	10°15	27°58	22°12	12°52	13°33	15°37	14°R 2	12°25	13°15	23°15	F 11
S 12	1 20 24	18°11'49	28°49	5°50	22°30	10°56	27°55	22°18	12°52	13°32	15°36	14° 1	12°22	13°22	23°12	S 12
S 13	1 24 20	19°11'13	12♈ 9	7°18	23°45	11°38	27°53	22°24	12°52	13°30	15°35	13°59	12°19	13°29	23°10	S 13
M14	1 28 17	20°10'40	25°48	8°44	25° 0	12°20	27°51	22°31	12°53	13°28	15°34	13°55	12°16	13°36	23° 7	M14
T 15	1 32 13	21°10'09	9♉44	10°10	26°15	13° 1	27°49	22°37	12°53	13°27	15°33	13°49	12°13	13°42	23° 5	T 15
W16	1 36 10	22° 9'40	23°53	11°35	27°30	13°43	27°47	22°43	12°53	13°25	15°32	13°43	12° 9	13°49	23° 3	W16
T 17	1 40 6	23° 9'13	8♊10	12°59	28°45	14°25	27°45	22°50	12°53	13°24	15°31	13°37	12° 6	13°56	23° 0	T 17
F 18	1 44 3	24° 8'49	22°30	14°22	29°59	15° 7	27°44	22°56	12°53	13°22	15°30	13°32	12° 3	14° 2	22°58	F 18
S 19	1 48 0	25° 8'26	6♋49	15°45	1♏15	15°49	27°43	23° 3	12°R53	13°20	15°29	13°29	12° 0	14° 9	22°56	S 19
S 20	1 51 56	26° 8'07	21° 3	17° 6	2°30	16°31	27°42	23°10	12°53	13°19	15°28	13°D27	11°57	14°16	22°54	S 20
M21	1 55 53	27° 7'49	5♌10	18°26	3°45	17°13	27°41	23°16	12°53	13°17	15°27	13°27	11°54	14°22	22°51	M21
T 22	1 59 49	28° 7'34	19° 8	19°46	5° 0	17°55	27°41	23°23	12°53	13°15	15°26	13°29	11°50	14°29	22°49	T 22
W23	2 3 46	29° 7'21	2♍58	21° 4	6°15	18°37	27°40	23°30	12°53	13°14	15°25	13°30	11°47	14°36	22°47	W23
T 24	2 7 42	0♏ 7'10	16°38	22°21	7°30	19°20	27°D40	23°36	12°53	13°12	15°23	13°R30	11°44	14°43	22°45	T 24
F 25	2 11 39	1° 7'01	0♎ 9	23°36	8°45	20° 2	27°40	23°43	12°53	13°11	15°22	13°29	11°41	14°49	22°43	F 25
S 26	2 15 35	2° 6'54	13°28	24°50	10° 0	20°44	27°40	23°50	12°52	13° 9	15°21	13°25	11°38	14°56	22°41	S 26
S 27	2 19 32	3° 6'50	26°36	26° 2	11°15	21°27	27°41	23°57	12°52	13° 8	15°20	13°19	11°34	15° 3	22°39	S 27
M28	2 23 29	4° 6'47	9♏31	27°13	12°30	22° 9	27°41	24° 4	12°51	13° 6	15°19	13°11	11°31	15° 9	22°37	M28
T 29	2 27 25	5° 6'46	22°13	28°22	13°45	22°52	27°42	24°11	12°51	13° 4	15°18	13° 1	11°28	15°16	22°35	T 29
W30	2 31 22	6° 6'48	4♐40	29°28	15° 0	23°35	27°43	24°17	12°50	13° 3	15°17	12°51	11°25	15°23	22°33	W30
T 31	2 35 18	7♏ 6'50	16♐55	0♑32	16♏16	24♏17	27♒45	24♏24	12♋50	13♈ 1	15♉16	12♍41	11♍22	15♑29	22♓32	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s55	11s44	4n32	7s23	0n 3	2s17	1n17	12s40	0s 2	13s13	1s19	16s10	1n58	23n11	0n21	3n57	1s39	1n31	15s41	6n15	6n42	18s25	1n20	4n11
W 2	3 18	14 33	5 0	8 6	0s 4	2 48	1 16	12 55	0 2	13 14	1 19	16 12	1 57	23 11	0 21	3 56	1 39	1 31	15 41	6 16	6 43	18 25	1 18	4 11
T 3	3 41	16 39	5 13	8 48	0 11	3 18	1 15	13 9	0 3	13 15	1 18	16 14	1 57	23 11	0 21	3 55	1 39	1 31	15 41	6 18	6 44	18 25	1 17	4 11
F 4	4 5	17 58	5 11	9 30	0 18	3 48	1 14	13 24	0 4	13 17	1 18	16 15	1 57	23 11	0 21	3 55	1 39	1 30	15 42	6 19	6 46	18 25	1 16	4 10
S 5	4 28	18 29	4 57	10 11	0 25	4 19	1 13	13 38	0 4	13 18	1 18	16 17	1 57	23 11	0 21	3 54	1 39	1 30	15 42	6 19	6 47	18 25	1 15	4 10
S 6	4 51	18 10	4 29	10 51	0 32	4 49	1 11	13 52	0 5	13 19	1 18	16 19	1 57	23 11	0 21	3 53	1 39	1 29	15 42	6 19	6 48	18 25	1 14	4 10
M 7	5 14	17 3	3 51	11 31	0 39	5 19	1 10	14 6	0 6	13 20	1 18	16 21	1 57	23 11	0 21	3 53	1 39	1 29	15 42	6 19	6 49	18 24	1 13	4 10
T 8	5 37	15 11	3 2	12 10	0 47	5 49	1 9	14 20	0 6	13 21	1 18	16 22	1 57	23 11	0 21	3 52	1 39	1 29	15 42	6 18	6 51	18 24	1 11	4 10
W 9	6 0	12 37	2 4	12 48	0 54	6 19	1 7	14 34	0 7	13 22	1 18	16 24	1 56	23 11	0 21	3 51	1 39	1 28	15 42	6 18	6 52	18 24	1 10	4 10
T 10	6 23	9 26	0 59	13 26	1 1	6 48	1 6	14 48	0 7	13 23	1 18	16 26	1 56	23 11	0 21	3 51	1 39	1 28	15 42	6 17	6 53	18 24	1 9	4 9
F 11	6 46	5 44	0s10	14 2	1 7	7 18	1 4	15 2	0 8	13 24	1 17	16 27	1 56	23 11	0 21	3 50	1 39	1 27	15 43	6 17	6 54	18 24	1 8	4 9
S 12	7 8	1 41	1 20	14 39	1 14	7 47	1 3	15 15	0 9	13 25	1 17	16 29	1 56	23 11	0 21	3 49	1 39	1 27	15 43	6 17	6 55	18 23	1 7	4 9
S 13	7 31	2n33	2 27	15 14	1 21	8 16	1 1	15 29	0 9	13 25	1 17	16 31	1 56	23 11	0 21	3 49	1 39	1 27	15 43	6 18	6 57	18 23	1 6	4 9
M14	7 53	6 45	3 28	15 48	1 28	8 45	1 0	15 42	0 10	13 26	1 17	16 33	1 56	23 11	0 21	3 48	1 39	1 26	15 43	6 20	6 58	18 23	1 5	4 9
T 15	8 16	10 40	4 17	16 22	1 34	9 14	0 58	15 55	0 10	13 27	1 17	16 34	1 56	23 11	0 21	3 48	1 39	1 26	15 43	6 22	6 59	18 23	1 3	4 9
W16	8 38	14 3	4 52	16 55	1 41	9 43	0 56	16 9	0 11	13 27	1 17	16 36	1 55	23 11	0 21	3 47	1 39	1 25	15 43	6 25	7 0	18 23	1 2	4 8
T 17	9 0	16 36	5 8	17 27	1 47	10 11	0 54	16 22	0 12	13 27	1 17	16 38	1 55	23 11	0 21	3 46	1 39	1 25	15 43	6 27	7 2	18 22	1 1	4 8
F 18	9 22	18 9	5 6	17 58	1 53	10 39	0 52	16 35	0 12	13 28	1 16	16 40	1 55	23 11	0 21	3 46	1 39	1 25	15 43	6 29	7 3	18 22	1 0	4 8
S 19	9 44	18 32	4 45	18 28	1 59	11 7	0 51	16 47	0 13	13 28	1 16	16 41	1 55	23 11	0 21	3 45	1 39	1 24	15 43	6 30	7 4	18 22	0 59	4 8
S 20	10 6	17 45	4 6	18 57	2 5	11 35	0 49	17 0	0 14	13 28	1 16	16 43	1 55	23 11	0 21	3 44	1 39	1 24	15 44	6 30	7 5	18 22	0 58	4 8
M21	10 27	15 53	3 12	19 25	2 10	12 3	0 47	17 13	0 14	13 28	1 16	16 45	1 55	23 11	0 21	3 44	1 39	1 24	15 44	6 30	7 6	18 22	0 57	4 7
T 22	10 49	13 4	2 8	19 52	2 15	12 30	0 45	17 25	0 15	13 28	1 16	16 47	1 55	23 11	0 21	3 43	1 39	1 23	15 44	6 30	7 8	18 21	0 56	4 7
W23	11 10	9 32	0 57	20 17	2 20	12 56	0 43	17 37	0 15	13 28	1 16	16 48	1 55	23 11	0 21	3 43	1 39	1 23	15 44	6 30	7 9	18 21	0 55	4 7
T 24	11 31	5 32	0n17	20 42	2 25	13 23	0 41	17 50	0 16	13 28	1 15	16 50	1 55	23 11	0 21	3 42	1 39	1 23	15 44	6 29	7 10	18 21	0 54	4 7
F 25	11 52	1 18	1 29	21 6	2 30	13 49	0 38	18 2	0 17	13 28	1 15	16 52	1 54	23 11	0 21	3 41	1 39	1 22	15 44	6 30	7 11	18 21	0 53	4 7
S 26	12 13	2s57	2 34	21 28	2 34	14 15	0 36	18 13	0 17	13 28	1 15	16 54	1 54	23 11	0 21	3 41	1 39	1 22	15 44	6 31	7 12	18 20	0 52	4 6
S 27	12 34	7 0	3 31	21 50	2 37	14 40	0 34	18 25	0 18	13 27	1 15	16 56	1 54	23 11	0 21	3 40	1 39	1 22	15 44	6 34	7 14	18 20	0 51	4 6
M28	12 54	10 38	4 15	22 9	2 41	15 6	0 32	18 37	0 18	13 27	1 15	16 57	1 54	23 11	0 21	3 40	1 39	1 21	15 44	6 37	7 15	18 20	0 50	4 6
T 29	13 14	13 43	4 46	22 28	2 44	15 30	0 30	18 48	0 19	13 27	1 15	16 59	1 54	23 11	0 21	3 39	1 39	1 21	15 44	6 40	7 16	18 20	0 49	4 6
W30	13 34	16 8	5 2	22 45	2 46	15 55	0 27	19 0	0 20	13 26	1 14	17 1	1 54	23 11	0 21	3 38	1 39	1 21	15 44	6 44	7 17	18 19	0 48	4 5
T 31	13s54	17s45	5n 5	23s 1	2s48	16s19	0n25	19s11	0s20	13s26	1s14	17s 3	1n54	23n11	0n21	3n38	1s39	1n20	15s44	6n48	7n18	18s19	0n47	4n 5

Julian Day Number = 2403240.5, Delta T = 5.22 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°53'36, Lahiri = 22°00'37

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ASTRODIENST EPHEMERIS for the year 1867
geocentric

NOVEMBER 1867 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 39 15	8♏ 6'55	28♐58	1♐33	17♏31	25♏ 0	27♒46	24♏31	12°R49	13°R 0	15°R15	12°R33	11♍19	15♉36	22°R30	F 1
S 2	2 43 11	9° 7'01	10♉53	2°31	18°46	25°43	27°48	24°38	12♋48	12♈58	15♉14	12♍27	11°15	15°43	22♓28	S 2
S 3	2 47 8	10° 7'09	22°43	3°26	20° 1	26°26	27°50	24°45	12°48	12°57	15°12	12°23	11°12	15°50	22°26	S 3
M 4	2 51 4	11° 7'19	4♒34	4°18	21°16	27° 9	27°52	24°52	12°47	12°56	15°11	12°21	11° 9	15°56	22°25	M 4
T 5	2 55 1	12° 7'30	16°29	5° 4	22°31	27°52	27°54	24°59	12°46	12°54	15°10	12°D21	11° 6	16° 3	22°23	T 5
W 6	2 58 58	13° 7'42	28°34	5°47	23°46	28°35	27°56	25° 6	12°45	12°53	15° 9	12°21	11° 3	16°10	22°22	W 6
T 7	3 2 54	14° 7'56	10♓55	6°24	25° 1	29°18	27°59	25°13	12°44	12°51	15° 8	12°R22	11° 0	16°16	22°20	T 7
F 8	3 6 51	15° 8'12	23°37	6°55	26°16	0♑ 1	28° 2	25°20	12°43	12°50	15° 7	12°21	10°56	16°23	22°19	F 8
S 9	3 10 47	16° 8'29	6♈42	7°19	27°31	0°44	28° 5	25°28	12°42	12°49	15° 6	12°19	10°53	16°30	22°18	S 9
S 10	3 14 44	17° 8'47	20°13	7°37	28°47	1°28	28° 8	25°35	12°41	12°47	15° 5	12°13	10°50	16°36	22°16	S 10
M11	3 18 40	18° 9'07	4♉11	7°46	0♑ 2	2°11	28°12	25°42	12°40	12°46	15° 3	12° 6	10°47	16°43	22°15	M11
T 12	3 22 37	19° 9'29	18°30	7°R47	1°17	2°54	28°15	25°49	12°39	12°45	15° 2	11°56	10°44	16°50	22°14	T 12
W13	3 26 33	20° 9'53	3♊ 7	7°38	2°32	3°38	28°19	25°56	12°37	12°44	15° 1	11°45	10°40	16°57	22°13	W13
T 14	3 30 30	21°10'18	17°53	7°20	3°47	4°21	28°23	26° 3	12°36	12°42	15° 0	11°34	10°37	17° 3	22°11	T 14
F 15	3 34 27	22°10'45	2♋40	6°52	5° 2	5° 5	28°27	26°10	12°35	12°41	14°59	11°25	10°34	17°10	22°10	F 15
S 16	3 38 23	23°11'14	17°20	6°13	6°17	5°49	28°32	26°17	12°33	12°40	14°58	11°18	10°31	17°17	22° 9	S 16
S 17	3 42 20	24°11'44	1♌47	5°24	7°32	6°32	28°36	26°25	12°32	12°39	14°57	11°14	10°28	17°23	22° 8	S 17
M18	3 46 16	25°12'17	15°59	4°25	8°47	7°16	28°41	26°32	12°30	12°38	14°56	11°12	10°25	17°30	22° 8	M18
T 19	3 50 13	26°12'51	29°54	3°18	10° 2	8° 0	28°46	26°39	12°29	12°37	14°55	11°D12	10°21	17°37	22° 7	T 19
W20	3 54 9	27°13'27	13♍32	2° 3	11°18	8°44	28°51	26°46	12°27	12°35	14°53	11°R12	10°18	17°43	22° 6	W20
T 21	3 58 6	28°14'04	26°55	0°44	12°33	9°28	28°56	26°53	12°26	12°34	14°52	11°11	10°15	17°50	22° 5	T 21
F 22	4 2 2	29°14'44	10♎ 4	29♏23	13°48	10°12	29° 2	27° 0	12°24	12°33	14°51	11° 8	10°12	17°57	22° 4	F 22
S 23	4 5 59	0♑15'25	23° 2	28° 1	15° 3	10°56	29° 8	27° 7	12°22	12°32	14°50	11° 3	10° 9	18° 4	22° 4	S 23
S 24	4 9 56	1°16'07	5♏48	26°43	16°18	11°40	29°13	27°15	12°21	12°31	14°49	10°54	10° 6	18°10	22° 3	S 24
M25	4 13 52	2°16'51	18°25	25°30	17°33	12°24	29°19	27°22	12°19	12°30	14°48	10°42	10° 2	18°17	22° 3	M25
T 26	4 17 49	3°17'37	0♑51	24°25	18°48	13° 8	29°26	27°29	12°17	12°29	14°47	10°28	9°59	18°24	22° 2	T 26
W27	4 21 45	4°18'24	13° 7	23°29	20° 3	13°52	29°32	27°36	12°15	12°29	14°46	10°13	9°56	18°30	22° 2	W27
T 28	4 25 42	5°19'12	25°14	22°44	21°18	14°37	29°38	27°43	12°13	12°28	14°45	9°59	9°53	18°37	22° 2	T 28
F 29	4 29 38	6°20'01	7♉13	22°10	22°33	15°21	29°45	27°50	12°11	12°27	14°44	9°46	9°50	18°44	22° 1	F 29
S 30	4 33 35	7♑20'51	19♉ 5	21♏48	23♑49	16♑ 5	29♒52	27♏57	12♋ 9	12♈26	14♉43	9♍36	9♍46	18♉50	22♓ 1	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s13	18s34	4n53	23s15	2s50	16s42	0n23	19s22	0s21	13s25	1s14	17s 4	1n54	23n11	0n21	3n37	1s39	1n20	15s44	6n51	7n20	18s19	0n46	4n 5
S 2	14 33	18 32	4 29	23 28	2 51	17 5	0 20	19 33	0 21	13 24	1 14	17 6	1 54	23 12	0 21	3 37	1 39	1 20	15 44	6 54	7 21	18 19	0 45	4 5
S 3	14 52	17 42	3 53	23 39	2 51	17 28	0 18	19 43	0 22	13 23	1 14	17 8	1 54	23 12	0 21	3 36	1 39	1 19	15 44	6 55	7 22	18 18	0 45	4 4
M 4	15 10	16 5	3 8	23 48	2 50	17 50	0 16	19 54	0 22	13 22	1 14	17 10	1 53	23 12	0 21	3 36	1 39	1 19	15 44	6 56	7 23	18 18	0 44	4 4
T 5	15 29	13 47	2 14	23 55	2 49	18 12	0 13	20 4	0 23	13 21	1 13	17 11	1 53	23 12	0 21	3 35	1 39	1 19	15 44	6 56	7 24	18 18	0 43	4 4
W 6	15 47	10 50	1 13	24 1	2 46	18 33	0 11	20 14	0 24	13 20	1 13	17 13	1 53	23 12	0 21	3 35	1 39	1 18	15 44	6 56	7 26	18 18	0 42	4 4
T 7	16 5	7 21	0 8	24 4	2 43	18 54	0 9	20 24	0 24	13 19	1 13	17 15	1 53	23 12	0 22	3 34	1 39	1 18	15 44	6 56	7 27	18 17	0 41	4 3
F 8	16 23	3 27	1s 0	24 5	2 39	19 14	0 6	20 34	0 25	13 18	1 13	17 17	1 53	23 12	0 22	3 34	1 39	1 18	15 44	6 56	7 28	18 17	0 40	4 3
S 9	16 41	0n44	2 6	24 4	2 33	19 34	0 4	20 44	0 25	13 17	1 13	17 18	1 53	23 12	0 22	3 33	1 38	1 18	15 44	6 57	7 29	18 17	0 40	4 3
S 10	16 58	5 1	3 7	24 0	2 27	19 53	0 1	20 53	0 26	13 16	1 12	17 20	1 53	23 12	0 22	3 33	1 38	1 17	15 44	6 59	7 31	18 16	0 39	4 3
M11	17 15	9 10	3 59	23 54	2 19	20 11	0s 1	21 3	0 27	13 14	1 12	17 22	1 53	23 13	0 22	3 32	1 38	1 17	15 44	7 2	7 32	18 16	0 38	4 2
T 12	17 31	12 54	4 38	23 45	2 9	20 29	0 4	21 12	0 27	13 13	1 12	17 24	1 53	23 13	0 22	3 32	1 38	1 17	15 44	7 5	7 33	18 16	0 37	4 2
W13	17 48	15 54	4 59	23 33	1 58	20 47	0 6	21 21	0 28	13 11	1 12	17 25	1 53	23 13	0 22	3 31	1 38	1 16	15 44	7 10	7 34	18 16	0 37	4 2
T 14	18 4	17 55	5 0	23 17	1 46	21 4	0 9	21 29	0 28	13 10	1 12	17 27	1 53	23 13	0 22	3 31	1 38	1 16	15 44	7 14	7 35	18 15	0 36	4 2
F 15	18 19	18 44	4 42	22 58	1 32	21 20	0 11	21 38	0 29	13 8	1 12	17 29	1 53	23 13	0 22	3 30	1 38	1 16	15 44	7 17	7 37	18 15	0 35	4 1
S 16	18 35	18 17	4 5	22 36	1 16	21 36	0 14	21 46	0 29	13 7	1 11	17 30	1 53	23 13	0 22	3 30	1 38	1 16	15 44	7 20	7 38	18 15	0 35	4 1
S 17	18 50	16 38	3 13	22 11	0 59	21 51	0 16	21 54	0 30	13 5	1 11	17 32	1 53	23 13	0 22	3 29	1 38	1 15	15 44	7 21	7 39	18 14	0 34	4 1
M18	19 5	14 0	2 9	21 42	0 40	22 5	0 19	22 2	0 30	13 3	1 11	17 34	1 53	23 14	0 22	3 29	1 38	1 15	15 44	7 22	7 40	18 14	0 34	4 1
T 19	19 19	10 35	1 0	21 10	0 21	22 19	0 21	22 10	0 31	13 1	1 11	17 36	1 53	23 14	0 22	3 29	1 38	1 15	15 44	7 22	7 41	18 14	0 33	4 0
W20	19 33	6 40	0n12	20 35	0 0	22 32	0 23	22 17	0 32	12 59	1 11	17 37	1 53	23 14	0 22	3 28	1 38	1 15	15 43	7 22	7 43	18 13	0 32	4 0
T 21	19 47	2 29	1 22	19 59	0n20	22 45	0 26	22 25	0 32	12 57	1 11	17 39	1 52	23 14	0 22	3 28	1 38	1 15	15 43	7 22	7 44	18 13	0 32	4 0
F 22	20 0	1s45	2 26	19 22	0 41	22 56	0 28	22 32	0 33	12 55	1 10	17 41	1 52	23 14	0 22	3 28	1 38	1 14	15 43	7 24	7 45	18 13	0 31	3 59
S 23	20 13	5 50	3 22	18 45	1 0	23 7	0 31	22 39	0 33	12 53	1 10	17 42	1 52	23 14	0 22	3 27	1 38	1 14	15 43	7 26	7 46	18 12	0 31	3 59
S 24	20 26	9 35	4 6	18 9	1 19	23 18	0 33	22 45	0 34	12 51	1 10	17 44	1 52	23 15	0 22	3 27	1 38	1 14	15 43	7 29	7 47	18 12	0 30	3 59
M25	20 38	12 52	4 38	17 35	1 36	23 28	0 36	22 52	0 34	12 48	1 10	17 45	1 52	23 15	0 22	3 26	1 38	1 14	15 43	7 34	7 49	18 12	0 30	3 59
T 26	20 50	15 31	4 56	17 5	1 51	23 37	0 38	22 58	0 35	12 46	1 10	17 47	1 52	23 15	0 22	3 26	1 38	1 14	15 43	7 39	7 50	18 11	0 29	3 58
W27	21 1	17 26	4 59	16 39	2 4	23 45	0 40	23 4	0 35	12 44	1 10	17 49	1 52	23 15	0 22	3 26	1 38	1 14	15 43	7 44	7 51	18 11	0 29	3 58
T 28	21 12	18 33	4 49	16 17	2 15	23 53	0 43	23 10	0 36	12 41	1 9	17 50	1 52	23 15	0 22	3 26	1 38	1 13	15 43	7 50	7 52	18 11	0 29	3 58
F 29	21 23	18 49	4 27	16 0	2 24	23 59	0 45	23 15	0 36	12 39	1 9	17 52	1 52	23 16	0 22	3 25	1 38	1 13	15 42	7 55	7 53	18 10	0 28	3 58
S 30	21s33	18s16	3n52	15s48	2n31	24s 6	0s47	23s20	0s37	12s36	1s 9	17s54	1n52	23n16	0n22	3n25	1s38	1n13	15s42	7n59	7n55	18s10	0n28	3n57

Julian Day Number = 2403271.5, Delta T = 5.11 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°53'41, Lahiri = 22°00'41

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ASTRODIENST EPHEMERIS for the year 1867
geocentric

DECEMBER 1867 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 37 31	8♐21'43	0♒53	21°D38	25♐ 4	16♐50	29♒59	28♏ 4	12°R 7	12°R25	14°R42	9°R28	9♍43	18♑57	22°R 1	S 1
M 2	4 41 28	9°22'35	12°41	21♏38	26°19	17°34	0♓ 6	28°11	12♋ 5	12♈25	14♉41	9♍24	9°40	19° 4	22♓ 1	M 2
T 3	4 45 25	10°23'28	24°33	21°48	27°34	18°19	0°13	28°18	12° 3	12°24	14°40	9°22	9°37	19°10	22° 1	T 3
W 4	4 49 21	11°24'22	6♓35	22° 8	28°49	19° 4	0°21	28°26	12° 1	12°23	14°39	9°21	9°34	19°17	22°D 1	W 4
T 5	4 53 18	12°25'16	18°52	22°36	0♑ 4	19°48	0°28	28°33	11°59	12°22	14°38	9°21	9°31	19°24	22° 1	T 5
F 6	4 57 14	13°26'12	1♈29	23°12	1°19	20°33	0°36	28°40	11°57	12°22	14°37	9°20	9°27	19°31	22° 1	F 6
S 7	5 1 11	14°27'08	14°31	23°55	2°34	21°18	0°44	28°47	11°55	12°21	14°36	9°18	9°24	19°37	22° 1	S 7
S 8	5 5 7	15°28'04	28° 2	24°44	3°49	22° 3	0°52	28°54	11°53	12°21	14°35	9°12	9°21	19°44	22° 1	S 8
M 9	5 9 4	16°29'02	12♉ 2	25°38	5° 4	22°48	1° 1	29° 0	11°50	12°20	14°34	9° 4	9°18	19°51	22° 1	M 9
T 10	5 13 0	17°30'00	26°32	26°37	6°19	23°32	1° 9	29° 7	11°48	12°20	14°33	8°54	9°15	19°57	22° 2	T 10
W11	5 16 57	18°30'59	11♊24	27°40	7°34	24°17	1°17	29°14	11°46	12°19	14°32	8°42	9°12	20° 4	22° 2	W11
T 12	5 20 54	19°31'59	26°30	28°47	8°49	25° 2	1°26	29°21	11°43	12°19	14°31	8°31	9° 8	20°11	22° 3	T 12
F 13	5 24 50	20°32'59	11♋41	29°56	10° 4	25°48	1°35	29°28	11°41	12°18	14°30	8°21	9° 5	20°17	22° 3	F 13
S 14	5 28 47	21°34'01	26°45	1♐ 9	11°19	26°33	1°44	29°35	11°39	12°18	14°29	8°13	9° 2	20°24	22° 4	S 14
S 15	5 32 43	22°35'03	11♌34	2°23	12°34	27°18	1°53	29°42	11°36	12°18	14°29	8° 8	8°59	20°31	22° 4	S 15
M16	5 36 40	23°36'07	26° 2	3°40	13°49	28° 3	2° 2	29°48	11°34	12°17	14°28	8° 5	8°56	20°37	22° 5	M16
T 17	5 40 36	24°37'11	10♍ 6	4°59	15° 4	28°48	2°12	29°55	11°31	12°17	14°27	8°D 5	8°52	20°44	22° 6	T 17
W18	5 44 33	25°38'16	23°47	6°19	16°19	29°34	2°21	0♐ 2	11°29	12°17	14°26	8°R 5	8°49	20°51	22° 7	W18
T 19	5 48 29	26°39'21	7♎ 6	7°40	17°34	0♑19	2°31	0° 8	11°26	12°17	14°25	8° 5	8°46	20°57	22° 7	T 19
F 20	5 52 26	27°40'28	20° 6	9° 3	18°49	1° 4	2°40	0°15	11°24	12°17	14°25	8° 3	8°43	21° 4	22° 8	F 20
S 21	5 56 23	28°41'36	2♏50	10°27	20° 4	1°50	2°50	0°22	11°21	12°16	14°24	7°58	8°40	21°11	22° 9	S 21
S 22	6 0 19	29°42'44	15°21	11°51	21°19	2°35	3° 0	0°28	11°19	12°16	14°23	7°50	8°37	21°18	22°10	S 22
M23	6 4 16	0♑43'52	27°42	13°17	22°34	3°21	3°10	0°35	11°16	12°16	14°22	7°40	8°33	21°24	22°11	M23
T 24	6 8 12	1°45'02	9♐54	14°43	23°49	4° 7	3°21	0°41	11°14	12°D16	14°22	7°28	8°30	21°31	22°13	T 24
W25	6 12 9	2°46'12	21°58	16°10	25° 4	4°52	3°31	0°48	11°11	12°16	14°21	7°14	8°27	21°38	22°14	W25
T 26	6 16 5	3°47'22	3♑57	17°38	26°18	5°38	3°41	0°54	11° 9	12°16	14°20	7° 2	8°24	21°44	22°15	T 26
F 27	6 20 2	4°48'32	15°50	19° 6	27°33	6°24	3°52	1° 1	11° 6	12°16	14°19	6°50	8°21	21°51	22°16	F 27
S 28	6 23 58	5°49'43	27°40	20°35	28°48	7°10	4° 3	1° 7	11° 4	12°17	14°19	6°41	8°18	21°58	22°18	S 28
S 29	6 27 55	6°50'53	9♒28	22° 4	0♒ 3	7°55	4°13	1°13	11° 1	12°17	14°18	6°34	8°14	22° 4	22°19	S 29
M30	6 31 52	7°52'04	21°17	23°33	1°18	8°41	4°24	1°19	10°58	12°17	14°18	6°30	8°11	22°11	22°20	M30
T 31	6 35 48	8♑53'15	3♓10	25♐ 3	2♒33	9♑27	4♓35	1♐26	10♋56	12♈17	14♉17	6°D29	8♍ 8	22♑18	22♓22	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s43	16s54	3n 8	15s41	2n35	24s11	0s49	23s25	0s37	12s34	1s 9	17s55	1n52	23n16	0n22	3n25	1s38	1n13	15s42	8n 1	7n56	18s10	0n28	3n57
M 2	21 52	14 50	2 16	15 38	2 38	24 16	0 52	23 30	0 38	12 31	1 9	17 57	1 52	23 16	0 22	3 24	1 38	1 13	15 42	8 3	7 57	18 9	0 27	3 57
T 3	22 1	12 8	1 18	15 39	2 40	24 20	0 54	23 35	0 38	12 28	1 9	17 58	1 52	23 16	0 22	3 24	1 38	1 13	15 42	8 4	7 58	18 9	0 27	3 56
W 4	22 10	8 52	0 15	15 45	2 39	24 23	0 56	23 39	0 39	12 25	1 8	18 0	1 52	23 17	0 22	3 24	1 38	1 13	15 42	8 4	7 59	18 9	0 27	3 56
T 5	22 18	5 11	0s50	15 53	2 38	24 25	0 58	23 43	0 39	12 23	1 8	18 1	1 52	23 17	0 22	3 24	1 38	1 13	15 41	8 4	8 1	18 8	0 26	3 56
F 6	22 26	1 10	1 54	16 5	2 35	24 27	1 0	23 47	0 40	12 20	1 8	18 3	1 52	23 17	0 22	3 24	1 37	1 12	15 41	8 4	8 2	18 8	0 26	3 56
S 7	22 33	3n 3	2 55	16 19	2 32	24 28	1 2	23 50	0 40	12 17	1 8	18 4	1 52	23 17	0 22	3 23	1 37	1 12	15 41	8 5	8 3	18 7	0 26	3 55
S 8	22 40	7 14	3 47	16 35	2 28	24 28	1 4	23 54	0 41	12 14	1 8	18 6	1 52	23 18	0 22	3 23	1 37	1 12	15 41	8 7	8 4	18 7	0 26	3 55
M 9	22 46	11 12	4 28	16 52	2 23	24 27	1 6	23 57	0 41	12 11	1 8	18 7	1 52	23 18	0 22	3 23	1 37	1 12	15 41	8 10	8 5	18 7	0 26	3 55
T 10	22 52	14 37	4 54	17 11	2 17	24 26	1 8	24 0	0 42	12 8	1 8	18 9	1 52	23 18	0 22	3 23	1 37	1 12	15 40	8 14	8 7	18 6	0 26	3 54
W11	22 57	17 12	5 0	17 32	2 11	24 24	1 10	24 2	0 42	12 4	1 7	18 10	1 52	23 18	0 22	3 23	1 37	1 12	15 40	8 19	8 8	18 6	0 25	3 54
T 12	23 2	18 38	4 46	17 53	2 4	24 21	1 12	24 5	0 43	12 1	1 7	18 12	1 52	23 18	0 22	3 23	1 37	1 12	15 40	8 23	8 9	18 6	0 25	3 54
F 13	23 7	18 45	4 12	18 14	1 58	24 18	1 14	24 7	0 43	11 58	1 7	18 13	1 52	23 19	0 22	3 23	1 37	1 12	15 40	8 27	8 10	18 5	0 25	3 54
S 14	23 11	17 33	3 20	18 36	1 50	24 13	1 15	24 8	0 44	11 54	1 7	18 15	1 52	23 19	0 22	3 22	1 37	1 12	15 40	8 30	8 11	18 5	0 25	3 53
S 15	23 15	15 9	2 16	18 58	1 43	24 8	1 17	24 10	0 44	11 51	1 7	18 16	1 52	23 19	0 22	3 22	1 37	1 12	15 39	8 32	8 12	18 4	0 25	3 53
M16	23 18	11 51	1 3	19 20	1 36	24 2	1 19	24 11	0 45	11 48	1 7	18 17	1 52	23 19	0 22	3 22	1 37	1 12	15 39	8 32	8 14	18 4	0 25	3 53
T 17	23 21	7 57	0n11	19 42	1 28	23 56	1 20	24 12	0 45	11 44	1 7	18 19	1 52	23 20	0 22	3 22	1 37	1 12	15 39	8 33	8 15	18 4	0 25	3 52
W18	23 23	3 44	1 22	20 4	1 20	23 49	1 22	24 13	0 46	11 41	1 6	18 20	1 53	23 20	0 22	3 22	1 37	1 12	15 39	8 33	8 16	18 3	0 25	3 52
T 19	23 25	0s34	2 28	20 25	1 12	23 41	1 23	24 13	0 46	11 37	1 6	18 22	1 53	23 20	0 22	3 22	1 37	1 12	15 38	8 33	8 17	18 3	0 25	3 52
F 20	23 26	4 43	3 23	20 45	1 5	23 32	1 25	24 14	0 47	11 33	1 6	18 23	1 53	23 20	0 22	3 22	1 37	1 12	15 38	8 34	8 18	18 2	0 26	3 52
S 21	23 27	8 35	4 8	21 6	0 57	23 22	1 26	24 14	0 47	11 30	1 6	18 24	1 53	23 20	0 22	3 22	1 37	1 12	15 38	8 35	8 20	18 2	0 26	3 51
S 22	23 27	11 59	4 40	21 25	0 49	23 12	1 27	24 13	0 48	11 26	1 6	18 26	1 53	23 21	0 22	3 22	1 37	1 12	15 38	8 38	8 21	18 2	0 26	3 51
M23	23 27	14 49	4 58	21 44	0 41	23 1	1 29	24 13	0 48	11 22	1 6	18 27	1 53	23 21	0 22	3 22	1 37	1 12	15 37	8 42	8 22	18 1	0 26	3 51
T 24	23 27	16 58	5 2	22 2	0 33	22 50	1 30	24 12	0 48	11 18	1 6	18 28	1 53	23 21	0 22	3 22	1 37	1 12	15 37	8 47	8 23	18 1	0 26	3 50
W25	23 25	18 21	4 53	22 19	0 26	22 38	1 31	24 11	0 49	11 15	1 6	18 29	1 53	23 21	0 22	3 22	1 37	1 12	15 37	8 51	8 24	18 0	0 26	3 50
T 26	23 24	18 54	4 30	22 35	0 18	22 25	1 32	24 9	0 49	11 11	1 5	18 31	1 53	23 22	0 23	3 22	1 36	1 12	15 37	8 56	8 26	18 0	0 27	3 50
F 27	23 22	18 36	3 56	22 50	0 10	22 11	1 33	24 8	0 50	11 7	1 5	18 32	1 53	23 22	0 23	3 22	1 36	1 12	15 36	9 0	8 27	17 59	0 27	3 50
S 28	23 20	17 30	3 12	23 4	0 3	21 57	1 34	24 6	0 50	11 3	1 5	18 33	1 53	23 22	0 23	3 23	1 36	1 12	15 36	9 4	8 28	17 59	0 27	3 49
S 29	23 17	15 39	2 19	23 17	0s 4	21 42	1 35	24 3	0 51	10 59	1 5	18 34	1 53	23 22	0 23	3 23	1 36	1 13	15 36	9 6	8 29	17 58	0 27	3 49
M30	23 13	13 9	1 21	23 29	0 12	21 26	1 36	24 1	0 51	10 55	1 5	18 36	1 53	23 22	0 23	3 23	1 36	1 13	15 36	9 8	8 30	17 58	0 28	3 49
T 31	23s 9	10s 4	0n18	23s40	0s19	21s10	1s37	23s58	0s51	10s50	1s 5	18s37	1n53	23n23	0n23	3n23	1s36	1n13	15s35	9n 8	8n32	17s58	0n28	3n49

Julian Day Number = 2403301.5, Delta T = 5.00 sec
Ecliptic obliquity = 23°27'14, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°53'45, Lahiri = 22°00'45

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ASTRODIENST EPHEMERIS for the year 1868
geocentric

JANUARY 1868 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 39 45	9♑54'25	15♓11	26♐34	3♒47	10♑13	4♓46	1♐32	10°R53	12♈17	14°R16	6♍29	8♍ 5	22♑24	22♓24	W 1
T 2	6 43 41	10°55'35	27°26	28° 5	5° 2	10°59	4°58	1°38	10♋51	12°18	14♉16	6°30	8° 2	22°31	22°25	T 2
F 3	6 47 38	11°56'45	9♈58	29°36	6°17	11°45	5° 9	1°44	10°48	12°18	14°15	6°R31	7°58	22°38	22°27	F 3
S 4	6 51 34	12°57'54	22°53	1♑ 8	7°32	12°31	5°20	1°50	10°45	12°18	14°15	6°30	7°55	22°44	22°28	S 4
S 5	6 55 31	13°59'04	6♉16	2°40	8°46	13°17	5°32	1°56	10°43	12°19	14°14	6°28	7°52	22°51	22°30	S 5
M 6	6 59 27	15° 0'12	20° 8	4°12	10° 1	14° 3	5°44	2° 2	10°40	12°19	14°14	6°23	7°49	22°58	22°32	M 6
T 7	7 3 24	16° 1'21	4♊29	5°45	11°16	14°50	5°55	2° 7	10°38	12°20	14°13	6°17	7°46	23° 5	22°34	T 7
W 8	7 7 21	17° 2'29	19°18	7°18	12°30	15°36	6° 7	2°13	10°35	12°20	14°13	6° 9	7°43	23°11	22°36	W 8
T 9	7 11 17	18° 3'37	4♋26	8°52	13°45	16°22	6°19	2°19	10°32	12°21	14°12	6° 1	7°39	23°18	22°38	T 9
F 10	7 15 14	19° 4'44	19°45	10°26	15° 0	17° 8	6°31	2°25	10°30	12°21	14°12	5°54	7°36	23°25	22°40	F 10
S 11	7 19 10	20° 5'51	5♌ 3	12° 0	16°14	17°55	6°43	2°30	10°27	12°22	14°12	5°49	7°33	23°31	22°42	S 11
S 12	7 23 7	21° 6'58	20° 9	13°35	17°29	18°41	6°55	2°36	10°25	12°23	14°11	5°46	7°30	23°38	22°44	S 12
M13	7 27 3	22° 8'04	4♍55	15°11	18°43	19°27	7° 7	2°41	10°22	12°23	14°11	5°D45	7°27	23°45	22°46	M13
T 14	7 31 0	23° 9'11	19°16	16°47	19°58	20°14	7°20	2°47	10°20	12°24	14°11	5°45	7°24	23°51	22°48	T 14
W15	7 34 56	24°10'17	3♎ 9	18°23	21°12	21° 0	7°32	2°52	10°17	12°25	14°10	5°47	7°20	23°58	22°51	W15
T 16	7 38 53	25°11'22	16°36	20° 0	22°27	21°47	7°45	2°57	10°15	12°25	14°10	5°48	7°17	24° 5	22°53	T 16
F 17	7 42 50	26°12'28	29°39	21°38	23°41	22°33	7°57	3° 2	10°12	12°26	14°10	5°R48	7°14	24°11	22°55	F 17
S 18	7 46 46	27°13'33	12♏21	23°16	24°55	23°20	8°10	3° 8	10°10	12°27	14°10	5°47	7°11	24°18	22°57	S 18
S 19	7 50 43	28°14'38	24°46	24°54	26°10	24° 6	8°23	3°13	10° 7	12°28	14° 9	5°44	7° 8	24°25	23° 0	S 19
M20	7 54 39	29°15'43	6♐58	26°34	27°24	24°53	8°35	3°18	10° 5	12°29	14° 9	5°39	7° 4	24°31	23° 2	M20
T 21	7 58 36	0♒16'47	19° 1	28°13	28°38	25°40	8°48	3°23	10° 3	12°30	14° 9	5°33	7° 1	24°38	23° 5	T 21
W22	8 2 32	1°17'51	0♑57	29°54	29°53	26°26	9° 1	3°28	10° 0	12°31	14° 9	5°27	6°58	24°45	23° 7	W22
T 23	8 6 29	2°18'54	12°49	1♒35	1♓ 7	27°13	9°14	3°32	9°58	12°32	14° 9	5°20	6°55	24°51	23°10	T 23
F 24	8 10 25	3°19'56	24°38	3°16	2°21	28° 0	9°27	3°37	9°55	12°33	14° 9	5°14	6°52	24°58	23°13	F 24
S 25	8 14 22	4°20'58	6♒28	4°58	3°35	28°47	9°40	3°42	9°53	12°34	14° 9	5° 9	6°49	25° 5	23°15	S 25
S 26	8 18 19	5°21'59	18°19	6°41	4°49	29°33	9°54	3°46	9°51	12°35	14° 8	5° 6	6°45	25°11	23°18	S 26
M27	8 22 15	6°22'58	0♓13	8°25	6° 3	0♒20	10° 7	3°51	9°49	12°36	14° 8	5°D 5	6°42	25°18	23°21	M27
T 28	8 26 12	7°23'57	12°13	10° 9	7°17	1° 7	10°20	3°55	9°46	12°37	14°D 8	5° 5	6°39	25°25	23°23	T 28
W29	8 30 8	8°24'54	24°21	11°53	8°31	1°54	10°34	4° 0	9°44	12°39	14° 8	5° 6	6°36	25°32	23°26	W29
T 30	8 34 5	9°25'51	6♈41	13°39	9°45	2°41	10°47	4° 4	9°42	12°40	14° 8	5° 8	6°33	25°38	23°29	T 30
F 31	8 38 1	10♒26'46	19♈17	15♒24	10♓59	3♒28	11♓ 0	4♐ 8	9♋40	12♈41	14♉ 8	5♍10	6♍29	25♑45	23♓32	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 5	6s33	0s47	23s50	0s26	20s53	1s37	23s55	0s52	10s46	1s 5	18s38	1n53	23n23	0n23	3n23	1s36	1n13	15s35	9n 8	8n33	17s57	0n28	3n48
T 2	23 0	2 42	1 50	23 59	0 32	20 36	1 38	23 52	0 52	10 42	1 5	18 39	1 53	23 23	0 23	3 23	1 36	1 13	15 35	9 8	8 34	17 57	0 29	3 48
F 3	22 55	1n21	2 50	24 6	0 39	20 18	1 38	23 48	0 53	10 38	1 5	18 40	1 53	23 23	0 23	3 23	1 36	1 13	15 34	9 8	8 35	17 56	0 29	3 48
S 4	22 49	5 27	3 43	24 12	0 45	19 59	1 39	23 45	0 53	10 34	1 4	18 41	1 53	23 24	0 23	3 24	1 36	1 13	15 34	9 8	8 36	17 56	0 30	3 47
S 5	22 43	9 26	4 26	24 17	0 52	19 40	1 39	23 41	0 53	10 29	1 4	18 42	1 54	23 24	0 23	3 24	1 36	1 13	15 34	9 9	8 37	17 55	0 30	3 47
M 6	22 37	13 2	4 55	24 21	0 58	19 21	1 40	23 36	0 54	10 25	1 4	18 43	1 54	23 24	0 23	3 24	1 36	1 14	15 33	9 10	8 39	17 55	0 31	3 47
T 7	22 30	16 1	5 7	24 23	1 4	19 0	1 40	23 32	0 54	10 20	1 4	18 45	1 54	23 24	0 23	3 24	1 36	1 14	15 33	9 13	8 40	17 54	0 31	3 47
W 8	22 22	18 3	4 59	24 24	1 9	18 40	1 40	23 27	0 55	10 16	1 4	18 46	1 54	23 24	0 23	3 24	1 36	1 14	15 33	9 16	8 41	17 54	0 32	3 46
T 9	22 14	18 52	4 31	24 24	1 15	18 18	1 40	23 21	0 55	10 11	1 4	18 47	1 54	23 25	0 23	3 25	1 36	1 14	15 33	9 18	8 42	17 53	0 32	3 46
F 10	22 6	18 20	3 43	24 22	1 20	17 57	1 40	23 16	0 55	10 7	1 4	18 48	1 54	23 25	0 23	3 25	1 36	1 14	15 32	9 21	8 43	17 53	0 33	3 46
S 11	21 57	16 27	2 38	24 19	1 25	17 34	1 40	23 10	0 56	10 2	1 4	18 49	1 54	23 25	0 23	3 25	1 36	1 14	15 32	9 23	8 45	17 52	0 33	3 46
S 12	21 48	13 27	1 24	24 15	1 30	17 11	1 40	23 4	0 56	9 58	1 4	18 50	1 54	23 25	0 23	3 26	1 36	1 15	15 32	9 24	8 46	17 52	0 34	3 45
M13	21 38	9 39	0 5	24 9	1 34	16 48	1 40	22 58	0 56	9 53	1 4	18 51	1 54	23 25	0 23	3 26	1 36	1 15	15 31	9 25	8 47	17 51	0 35	3 45
T 14	21 28	5 22	1n13	24 2	1 38	16 25	1 40	22 52	0 57	9 48	1 4	18 52	1 54	23 26	0 23	3 26	1 36	1 15	15 31	9 24	8 48	17 51	0 35	3 45
W15	21 18	0 56	2 23	23 53	1 42	16 0	1 39	22 45	0 57	9 44	1 3	18 52	1 54	23 26	0 23	3 27	1 35	1 15	15 31	9 24	8 49	17 50	0 36	3 45
T 16	21 7	3s24	3 24	23 43	1 46	15 36	1 39	22 38	0 57	9 39	1 3	18 53	1 54	23 26	0 23	3 27	1 35	1 16	15 30	9 23	8 50	17 50	0 37	3 44
F 17	20 55	7 26	4 11	23 31	1 49	15 11	1 38	22 31	0 58	9 34	1 3	18 54	1 55	23 26	0 23	3 27	1 35	1 16	15 30	9 23	8 52	17 49	0 37	3 44
S 18	20 44	11 1	4 46	23 18	1 53	14 45	1 38	22 23	0 58	9 29	1 3	18 55	1 55	23 26	0 23	3 28	1 35	1 16	15 30	9 24	8 53	17 49	0 38	3 44
S 19	20 32	14 2	5 5	23 3	1 55	14 20	1 37	22 16	0 58	9 25	1 3	18 56	1 55	23 27	0 23	3 28	1 35	1 16	15 29	9 25	8 54	17 48	0 39	3 44
M20	20 19	16 23	5 11	22 47	1 58	13 53	1 36	22 8	0 59	9 20	1 3	18 57	1 55	23 27	0 23	3 28	1 35	1 17	15 29	9 27	8 55	17 48	0 39	3 44
T 21	20 6	17 58	5 2	22 29	2 0	13 27	1 36	21 59	0 59	9 15	1 3	18 58	1 55	23 27	0 23	3 29	1 35	1 17	15 29	9 29	8 56	17 47	0 40	3 43
W22	19 53	18 46	4 41	22 10	2 2	13 0	1 35	21 51	0 59	9 10	1 3	18 58	1 55	23 27	0 23	3 29	1 35	1 17	15 28	9 31	8 58	17 47	0 41	3 43
T 23	19 39	18 44	4 8	21 49	2 3	12 33	1 34	21 42	0 59	9 5	1 3	18 59	1 55	23 27	0 23	3 30	1 35	1 17	15 28	9 34	8 59	17 46	0 42	3 43
F 24	19 25	17 52	3 23	21 27	2 4	12 5	1 33	21 33	1 0	9 0	1 3	19 0	1 55	23 28	0 23	3 30	1 35	1 18	15 28	9 36	9 0	17 46	0 43	3 43
S 25	19 11	16 14	2 30	21 3	2 5	11 37	1 32	21 24	1 0	8 55	1 3	19 1	1 55	23 28	0 23	3 31	1 35	1 18	15 27	9 38	9 1	17 45	0 44	3 42
S 26	18 56	13 55	1 31	20 38	2 5	11 9	1 30	21 14	1 0	8 50	1 3	19 2	1 56	23 28	0 23	3 31	1 35	1 18	15 27	9 39	9 2	17 45	0 44	3 42
M27	18 41	10 59	0 27	20 11	2 5	10 41	1 29	21 5	1 1	8 45	1 3	19 2	1 56	23 28	0 23	3 32	1 35	1 19	15 27	9 39	9 3	17 44	0 45	3 42
T 28	18 26	7 35	0s39	19 42	2 4	10 12	1 28	20 55	1 1	8 40	1 3	19 3	1 56	23 28	0 23	3 32	1 35	1 19	15 26	9 39	9 5	17 44	0 46	3 42
W29	18 10	3 50	1 44	19 12	2 3	9 43	1 26	20 45	1 1	8 35	1 3	19 4	1 56	23 28	0 23	3 33	1 35	1 19	15 26	9 39	9 6	17 43	0 47	3 42
T 30	17 54	0n 8	2 45	18 40	2 1	9 14	1 25	20 34	1 1	8 30	1 3	19 4	1 56	23 29	0 23	3 33	1 35	1 20	15 26	9 38	9 7	17 43	0 48	3 41
F 31	17s38	4n 9	3s40	18s 7	1s59	8s44	1s23	20s24	1s 2	8s24	1s 2	19s 5	1n56	23n29	0n23	3n34	1s35	1n20	15s25	9n37	9n 8	17s42	0n49	3n41

Julian Day Number = 2403332.5, Delta T = 4.88 sec
Ecliptic obliquity = 23°27'14, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°53'49, Lahiri = 22°00'50

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1868
geocentric

FEBRUARY 1868 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 41 58	11♒27'39	2♉10	17♒10	12♓13	4♒15	11♓14	4♐12	9°R38	12♈42	14♉ 9	5♍11	6♍26	25♑52	23♓35	S 1
S 2	8 45 54	12°28'32	15°26	18°57	13°27	5° 2	11°28	4°16	9♋36	12°44	14° 9	5°R11	6°23	25°58	23°38	S 2
M 3	8 49 51	13°29'23	29° 7	20°44	14°41	5°48	11°41	4°20	9°34	12°45	14° 9	5°10	6°20	26° 5	23°41	M 3
T 4	8 53 48	14°30'12	13♊14	22°31	15°54	6°35	11°55	4°24	9°32	12°46	14° 9	5° 9	6°17	26°12	23°44	T 4
W 5	8 57 44	15°31'01	27°45	24°19	17° 8	7°22	12° 9	4°28	9°30	12°48	14° 9	5° 6	6°14	26°18	23°47	W 5
T 6	9 1 41	16°31'47	12♋37	26° 6	18°22	8° 9	12°22	4°31	9°28	12°49	14° 9	5° 4	6°10	26°25	23°50	T 6
F 7	9 5 37	17°32'33	27°43	27°54	19°35	8°57	12°36	4°35	9°26	12°51	14° 9	5° 1	6° 7	26°32	23°53	F 7
S 8	9 9 34	18°33'16	12♌54	29°41	20°49	9°44	12°50	4°39	9°24	12°52	14°10	5° 0	6° 4	26°38	23°56	S 8
S 9	9 13 30	19°33'59	28° 1	1♓28	22° 2	10°31	13° 4	4°42	9°22	12°54	14°10	4°D59	6° 1	26°45	23°59	S 9
M10	9 17 27	20°34'40	12♍53	3°13	23°15	11°18	13°18	4°45	9°20	12°55	14°10	4°59	5°58	26°52	24° 2	M10
T 11	9 21 23	21°35'20	27°25	4°58	24°29	12° 5	13°32	4°49	9°19	12°57	14°10	5° 0	5°55	26°58	24° 6	T 11
W12	9 25 20	22°35'58	11♎31	6°41	25°42	12°52	13°46	4°52	9°17	12°58	14°11	5° 1	5°51	27° 5	24° 9	W12
T 13	9 29 17	23°36'36	25°10	8°23	26°55	13°39	14° 0	4°55	9°15	13° 0	14°11	5° 2	5°48	27°12	24°12	T 13
F 14	9 33 13	24°37'12	8♏22	10° 2	28° 8	14°26	14°14	4°58	9°14	13° 1	14°11	5° 3	5°45	27°18	24°15	F 14
S 15	9 37 10	25°37'47	21°10	11°38	29°21	15°13	14°28	5° 1	9°12	13° 3	14°12	5°R 3	5°42	27°25	24°19	S 15
S 16	9 41 6	26°38'21	3♐38	13°11	0♈34	16° 1	14°42	5° 4	9°11	13° 5	14°12	5° 3	5°39	27°32	24°22	S 16
M17	9 45 3	27°38'54	15°49	14°40	1°47	16°48	14°57	5° 6	9° 9	13° 6	14°13	5° 3	5°35	27°38	24°25	M17
T 18	9 48 59	28°39'26	27°49	16° 5	3° 0	17°35	15°11	5° 9	9° 8	13° 8	14°13	5° 2	5°32	27°45	24°29	T 18
W19	9 52 56	29°39'56	9♑41	17°24	4°13	18°22	15°25	5°11	9° 6	13°10	14°13	5° 1	5°29	27°52	24°32	W19
T 20	9 56 52	0♓40'24	21°30	18°38	5°26	19° 9	15°39	5°14	9° 5	13°12	14°14	5° 0	5°26	27°58	24°36	T 20
F 21	10 0 49	1°40'52	3♒19	19°45	6°38	19°57	15°54	5°16	9° 4	13°13	14°14	5° 0	5°23	28° 5	24°39	F 21
S 22	10 4 46	2°41'17	15°10	20°45	7°51	20°44	16° 8	5°18	9° 2	13°15	14°15	5° 0	5°20	28°12	24°42	S 22
S 23	10 8 42	3°41'42	27° 6	21°37	9° 3	21°31	16°22	5°20	9° 1	13°17	14°15	4°59	5°16	28°18	24°46	S 23
M24	10 12 39	4°42'04	9♓10	22°20	10°16	22°18	16°37	5°22	9° 0	13°19	14°16	4°59	5°13	28°25	24°49	M24
T 25	10 16 35	5°42'25	21°22	22°55	11°28	23° 6	16°51	5°24	8°59	13°21	14°17	4°59	5°10	28°32	24°53	T 25
W26	10 20 32	6°42'44	3♈45	23°21	12°40	23°53	17° 6	5°26	8°58	13°23	14°17	4°59	5° 7	28°38	24°56	W26
T 27	10 24 28	7°43'01	16°20	23°37	13°53	24°40	17°20	5°28	8°57	13°25	14°18	4°59	5° 4	28°45	25° 0	T 27
F 28	10 28 25	8°43'16	29° 9	23°R44	15° 5	25°27	17°34	5°30	8°56	13°27	14°18	4°59	5° 1	28°52	25° 4	F 28
S 29	10 32 21	9♓43'29	12♉12	23♓41	16♈17	26♒15	17♓49	5♐31	8♋55	13♈29	14♉19	4♍58	4♍57	28♑58	25♓ 7	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s21	8n 5	4s25	17s33	1s56	8s14	1s22	20s13	1s 2	8s19	1s 2	19s 6	1n56	23n29	0n23	3n34	1s35	1n20	15s25	9n37	9n 9	17s42	0n50	3n41
S 2	17 4	11 44	4 57	16 57	1 53	7 44	1 20	20 2	1 2	8 14	1 2	19 6	1 56	23 29	0 23	3 35	1 35	1 21	15 25	9 37	9 10	17 41	0 51	3 41
M 3	16 47	14 52	5 14	16 19	1 49	7 14	1 18	19 50	1 2	8 9	1 2	19 7	1 57	23 29	0 23	3 35	1 35	1 21	15 24	9 37	9 12	17 40	0 52	3 41
T 4	16 29	17 14	5 13	15 40	1 45	6 44	1 16	19 39	1 3	8 3	1 2	19 7	1 57	23 29	0 23	3 36	1 35	1 21	15 24	9 38	9 13	17 40	0 53	3 40
W 5	16 12	18 35	4 51	15 0	1 40	6 14	1 14	19 27	1 3	7 58	1 2	19 8	1 57	23 29	0 23	3 36	1 35	1 22	15 24	9 39	9 14	17 39	0 54	3 40
T 6	15 54	18 42	4 11	14 18	1 34	5 43	1 12	19 15	1 3	7 53	1 2	19 8	1 57	23 30	0 23	3 37	1 34	1 22	15 23	9 40	9 15	17 39	0 55	3 40
F 7	15 35	17 30	3 12	13 35	1 28	5 12	1 10	19 3	1 3	7 47	1 2	19 9	1 57	23 30	0 23	3 38	1 34	1 23	15 23	9 40	9 16	17 38	0 56	3 40
S 8	15 16	15 3	1 59	12 51	1 21	4 41	1 8	18 51	1 3	7 42	1 2	19 9	1 57	23 30	0 23	3 38	1 34	1 23	15 23	9 41	9 17	17 38	0 57	3 40
S 9	14 58	11 34	0 39	12 6	1 13	4 10	1 6	18 38	1 4	7 37	1 2	19 10	1 57	23 30	0 23	3 39	1 34	1 23	15 22	9 41	9 19	17 37	0 58	3 40
M10	14 38	7 24	0n44	11 20	1 5	3 39	1 4	18 25	1 4	7 31	1 2	19 10	1 58	23 30	0 23	3 39	1 34	1 24	15 22	9 41	9 20	17 36	0 59	3 39
T 11	14 19	2 53	2 1	10 34	0 56	3 8	1 1	18 12	1 4	7 26	1 2	19 11	1 58	23 30	0 23	3 40	1 34	1 24	15 21	9 41	9 21	17 36	1 0	3 39
W12	13 59	1s39	3 9	9 46	0 46	2 37	0 59	17 59	1 4	7 21	1 2	19 11	1 58	23 30	0 23	3 41	1 34	1 25	15 21	9 41	9 22	17 35	1 2	3 39
T 13	13 40	5 57	4 4	8 59	0 35	2 5	0 56	17 46	1 4	7 15	1 2	19 12	1 58	23 30	0 23	3 41	1 34	1 25	15 21	9 40	9 23	17 35	1 3	3 39
F 14	13 19	9 49	4 44	8 11	0 24	1 34	0 54	17 32	1 4	7 10	1 2	19 12	1 58	23 31	0 23	3 42	1 34	1 25	15 20	9 40	9 25	17 34	1 4	3 39
S 15	12 59	13 6	5 8	7 24	0 12	1 2	0 51	17 19	1 5	7 4	1 2	19 12	1 58	23 31	0 23	3 43	1 34	1 26	15 20	9 40	9 26	17 33	1 5	3 39
S 16	12 39	15 42	5 17	6 36	0n 0	0 31	0 49	17 5	1 5	6 59	1 2	19 13	1 58	23 31	0 23	3 43	1 34	1 26	15 20	9 40	9 27	17 33	1 6	3 38
M17	12 18	17 32	5 12	5 50	0 13	0n 1	0 46	16 51	1 5	6 53	1 2	19 13	1 59	23 31	0 23	3 44	1 34	1 27	15 19	9 40	9 28	17 32	1 7	3 38
T 18	11 57	18 33	4 53	5 5	0 27	0 32	0 43	16 36	1 5	6 48	1 2	19 13	1 59	23 31	0 23	3 45	1 34	1 27	15 19	9 40	9 29	17 32	1 9	3 38
W19	11 36	18 45	4 21	4 21	0 41	1 4	0 40	16 22	1 5	6 42	1 2	19 14	1 59	23 31	0 23	3 45	1 34	1 28	15 19	9 41	9 30	17 31	1 10	3 38
T 20	11 14	18 8	3 39	3 39	0 56	1 35	0 37	16 7	1 5	6 37	1 2	19 14	1 59	23 31	0 23	3 46	1 34	1 28	15 18	9 41	9 32	17 30	1 11	3 38
F 21	10 53	16 43	2 47	2 59	1 11	2 7	0 34	15 53	1 5	6 31	1 2	19 14	1 59	23 31	0 23	3 47	1 34	1 28	15 18	9 41	9 33	17 30	1 12	3 38
S 22	10 31	14 35	1 48	2 21	1 26	2 38	0 31	15 38	1 5	6 25	1 2	19 14	1 59	23 31	0 23	3 48	1 34	1 29	15 18	9 41	9 34	17 29	1 13	3 38
S 23	10 10	11 48	0 44	1 47	1 41	3 9	0 28	15 22	1 6	6 20	1 2	19 15	2 0	23 31	0 23	3 48	1 34	1 29	15 18	9 41	9 35	17 29	1 15	3 37
M24	9 48	8 30	0s23	1 16	1 56	3 41	0 25	15 7	1 6	6 14	1 2	19 15	2 0	23 31	0 23	3 49	1 34	1 30	15 17	9 41	9 36	17 28	1 16	3 37
T 25	9 25	4 48	1 30	0 49	2 11	4 12	0 22	14 52	1 6	6 9	1 2	19 15	2 0	23 31	0 23	3 50	1 34	1 30	15 17	9 41	9 37	17 27	1 17	3 37
W26	9 3	0 51	2 33	0 25	2 25	4 43	0 19	14 36	1 6	6 3	1 2	19 15	2 0	23 32	0 23	3 51	1 34	1 31	15 17	9 41	9 39	17 27	1 19	3 37
T 27	8 41	3n12	3 30	0 7	2 38	5 14	0 16	14 21	1 6	5 57	1 2	19 15	2 0	23 32	0 23	3 51	1 34	1 31	15 16	9 41	9 40	17 26	1 20	3 37
F 28	8 18	7 9	4 18	0n 8	2 51	5 45	0 12	14 5	1 6	5 52	1 2	19 16	2 0	23 32	0 23	3 52	1 34	1 32	15 16	9 42	9 41	17 25	1 21	3 37
S 29	7s56	10n51	4s53	0n17	3n 3	6n16	0s 9	13s49	1s 6	5s46	1s 2	19s16	2n 0	23n32	0n23	3n53	1s34	1n32	15s16	9n42	9n42	17s25	1n22	3n37

Julian Day Number = 2403363.5, Delta T = 4.77 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°53'53, Lahiri = 22°00'54

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ASTRODIENST EPHEMERIS for the year 1868
geocentric

MARCH 1868 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 36 18	10♓43'40	25♉32	23°R28	17♈29	27♒ 2	18♓ 3	5♐33	8°R54	13♈30	14♉20	4°R58	4♍54	29♋ 5	25♓11	S 1
M 2	10 40 15	11°43'49	9♊10	23♓ 7	18°41	27°49	18°18	5°34	8♋53	13°32	14°20	4°D58	4°51	29°12	25°14	M 2
T 3	10 44 11	12°43'56	23° 6	22°37	19°52	28°36	18°32	5°35	8°53	13°34	14°21	4♍58	4°48	29°18	25°18	T 3
W 4	10 48 8	13°44'01	7♋19	22° 0	21° 4	29°24	18°47	5°36	8°52	13°36	14°22	4°58	4°45	29°25	25°22	W 4
T 5	10 52 4	14°44'03	21°48	21°16	22°16	0♓11	19° 1	5°37	8°51	13°39	14°23	4°59	4°41	29°32	25°25	T 5
F 6	10 56 1	15°44'04	6♌30	20°26	23°27	0°58	19°16	5°38	8°51	13°41	14°23	5° 0	4°38	29°38	25°29	F 6
S 7	10 59 57	16°44'02	21°18	19°32	24°39	1°45	19°30	5°39	8°50	13°43	14°24	5° 0	4°35	29°45	25°32	S 7
S 8	11 3 54	17°43'58	6♍ 6	18°34	25°50	2°32	19°45	5°40	8°50	13°45	14°25	5°R 1	4°32	29°52	25°36	S 8
M 9	11 7 50	18°43'52	20°47	17°36	27° 1	3°20	19°59	5°41	8°49	13°47	14°26	5° 0	4°29	29°58	25°40	M 9
T 10	11 11 47	19°43'44	5♎14	16°36	28°12	4° 7	20°14	5°41	8°49	13°49	14°27	4°59	4°26	0♒ 5	25°43	T 10
W11	11 15 44	20°43'35	19°21	15°38	29°23	4°54	20°29	5°41	8°48	13°51	14°28	4°57	4°22	0°12	25°47	W11
T 12	11 19 40	21°43'23	3♏ 5	14°42	0♉34	5°41	20°43	5°42	8°48	13°53	14°28	4°55	4°19	0°18	25°51	T 12
F 13	11 23 37	22°43'10	16°24	13°50	1°44	6°28	20°58	5°42	8°48	13°55	14°29	4°53	4°16	0°25	25°54	F 13
S 14	11 27 33	23°42'55	29°18	13° 1	2°55	7°16	21°12	5°42	8°48	13°57	14°30	4°50	4°13	0°32	25°58	S 14
S 15	11 31 30	24°42'39	11♐51	12°17	4° 6	8° 3	21°27	5°R42	8°48	14° 0	14°31	4°49	4°10	0°38	26° 2	S 15
M16	11 35 26	25°42'20	24° 6	11°39	5°16	8°50	21°41	5°42	8°47	14° 2	14°32	4°D48	4° 6	0°45	26° 5	M16
T 17	11 39 23	26°42'00	6♑ 7	11° 6	6°26	9°37	21°56	5°42	8°D47	14° 4	14°33	4°49	4° 3	0°52	26° 9	T 17
W18	11 43 19	27°41'39	17°59	10°40	7°36	10°24	22°10	5°42	8°48	14° 6	14°34	4°50	4° 0	0°58	26°13	W18
T 19	11 47 16	28°41'15	29°48	10°19	8°46	11°11	22°25	5°41	8°48	14° 8	14°35	4°51	3°57	1° 5	26°16	T 19
F 20	11 51 12	29°40'50	11♒37	10° 5	9°56	11°59	22°39	5°41	8°48	14°11	14°36	4°53	3°54	1°12	26°20	F 20
S 21	11 55 9	0♈40'22	23°32	9°57	11° 6	12°46	22°54	5°40	8°48	14°13	14°37	4°55	3°51	1°19	26°24	S 21
S 22	11 59 6	1°39'53	5♓34	9°D55	12°16	13°33	23° 8	5°40	8°48	14°15	14°38	4°R55	3°47	1°25	26°27	S 22
M23	12 3 2	2°39'22	17°49	9°58	13°25	14°20	23°22	5°39	8°49	14°17	14°39	4°54	3°44	1°32	26°31	M23
T 24	12 6 59	3°38'49	0♈16	10° 8	14°35	15° 7	23°37	5°38	8°49	14°19	14°40	4°52	3°41	1°38	26°35	T 24
W25	12 10 55	4°38'14	12°58	10°22	15°44	15°54	23°51	5°37	8°49	14°22	14°41	4°49	3°38	1°45	26°38	W25
T 26	12 14 52	5°37'37	25°54	10°42	16°53	16°41	24° 6	5°36	8°50	14°24	14°42	4°44	3°35	1°52	26°42	T 26
F 27	12 18 48	6°36'57	9♉ 4	11° 6	18° 2	17°28	24°20	5°35	8°50	14°26	14°43	4°39	3°32	1°58	26°46	F 27
S 28	12 22 45	7°36'16	22°28	11°36	19°11	18°15	24°34	5°33	8°51	14°28	14°44	4°34	3°28	2° 5	26°49	S 28
S 29	12 26 41	8°35'32	6♊ 4	12° 9	20°19	19° 2	24°49	5°32	8°52	14°31	14°46	4°29	3°25	2°12	26°53	S 29
M30	12 30 38	9°34'46	19°51	12°46	21°28	19°49	25° 3	5°31	8°52	14°33	14°47	4°26	3°22	2°18	26°56	M30
T 31	12 34 35	10♈33'58	3♋48	13♓28	22♉36	20♓36	25♓17	5♐29	8♋53	14♈35	14♉48	4♍24	3♍19	2♒25	27♓ 0	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s33	14n 5	5s13	0n22	3n13	6n47	0s 6	13s33	1s 6	5s40	1s 2	19s16	2n 1	23n32	0n23	3n54	1s34	1n33	15s15	9n42	9n43	17s24	1n24	3n37
M 2	7 10	16 37	5 17	0 22	3 22	7 17	0 2	13 16	1 6	5 35	1 2	19 16	2 1	23 32	0 22	3 55	1 34	1 33	15 15	9 42	9 44	17 23	1 25	3 36
T 3	6 47	18 15	5 2	0 17	3 30	7 48	0n 1	13 0	1 6	5 29	1 2	19 16	2 1	23 32	0 22	3 55	1 34	1 34	15 15	9 42	9 45	17 23	1 26	3 36
W 4	6 24	18 47	4 29	0 7	3 35	8 18	0 5	12 44	1 6	5 23	1 2	19 16	2 1	23 32	0 22	3 56	1 34	1 34	15 14	9 42	9 47	17 22	1 28	3 36
T 5	6 1	18 6	3 38	0s 7	3 39	8 48	0 8	12 27	1 6	5 18	1 2	19 16	2 1	23 32	0 22	3 57	1 34	1 35	15 14	9 41	9 48	17 21	1 29	3 36
F 6	5 38	16 13	2 32	0 25	3 40	9 18	0 12	12 10	1 6	5 12	1 2	19 16	2 1	23 32	0 22	3 58	1 34	1 35	15 14	9 41	9 49	17 21	1 30	3 36
S 7	5 14	13 13	1 15	0 47	3 40	9 48	0 16	11 53	1 6	5 6	1 2	19 16	2 2	23 32	0 22	3 59	1 34	1 36	15 14	9 41	9 50	17 20	1 32	3 36
S 8	4 51	9 22	0n 6	1 11	3 37	10 17	0 19	11 36	1 6	5 1	1 2	19 16	2 2	23 32	0 22	3 59	1 34	1 36	15 13	9 41	9 51	17 19	1 33	3 36
M 9	4 28	4 59	1 26	1 38	3 33	10 46	0 23	11 19	1 6	4 55	1 2	19 16	2 2	23 32	0 22	4 0	1 34	1 37	15 13	9 41	9 52	17 19	1 35	3 36
T 10	4 4	0 22	2 40	2 7	3 26	11 15	0 26	11 2	1 6	4 49	1 2	19 16	2 2	23 32	0 22	4 1	1 34	1 37	15 13	9 41	9 54	17 18	1 36	3 36
W11	3 41	4s10	3 42	2 37	3 18	11 44	0 30	10 45	1 6	4 44	1 2	19 16	2 2	23 32	0 22	4 2	1 33	1 38	15 12	9 42	9 55	17 17	1 37	3 36
T 12	3 17	8 20	4 29	3 8	3 8	12 12	0 34	10 27	1 6	4 38	1 2	19 16	2 2	23 32	0 22	4 3	1 33	1 38	15 12	9 43	9 56	17 17	1 39	3 36
F 13	2 53	11 57	5 0	3 39	2 57	12 40	0 38	10 10	1 6	4 32	1 2	19 16	2 2	23 32	0 22	4 4	1 33	1 39	15 12	9 44	9 57	17 16	1 40	3 35
S 14	2 30	14 54	5 15	4 9	2 45	13 8	0 41	9 52	1 6	4 27	1 2	19 15	2 3	23 32	0 22	4 4	1 33	1 39	15 12	9 45	9 58	17 15	1 41	3 35
S 15	2 6	17 2	5 14	4 38	2 31	13 36	0 45	9 35	1 6	4 21	1 2	19 15	2 3	23 32	0 22	4 5	1 33	1 40	15 11	9 45	9 59	17 15	1 43	3 35
M16	1 42	18 21	4 58	5 5	2 17	14 3	0 49	9 17	1 6	4 15	1 2	19 15	2 3	23 32	0 22	4 6	1 33	1 40	15 11	9 45	10 1	17 14	1 44	3 35
T 17	1 19	18 49	4 30	5 31	2 2	14 30	0 53	8 59	1 6	4 10	1 2	19 15	2 3	23 32	0 22	4 7	1 33	1 41	15 11	9 45	10 2	17 13	1 46	3 35
W18	0 55	18 26	3 51	5 55	1 48	14 57	0 56	8 41	1 6	4 4	1 2	19 15	2 3	23 32	0 22	4 8	1 33	1 41	15 11	9 45	10 3	17 13	1 47	3 35
T 19	0 31	17 15	3 2	6 17	1 32	15 23	1 0	8 23	1 6	3 58	1 2	19 15	2 3	23 32	0 22	4 9	1 33	1 42	15 10	9 44	10 4	17 12	1 48	3 35
F 20	0 8	15 19	2 5	6 36	1 17	15 49	1 4	8 5	1 6	3 52	1 2	19 14	2 4	23 32	0 22	4 10	1 33	1 42	15 10	9 43	10 5	17 11	1 50	3 35
S 21	0n16	12 42	1 2	6 53	1 2	16 14	1 8	7 47	1 6	3 47	1 3	19 14	2 4	23 32	0 22	4 10	1 33	1 43	15 10	9 43	10 6	17 10	1 51	3 35
S 22	0 40	9 32	0s 4	7 8	0 47	16 40	1 11	7 29	1 5	3 41	1 3	19 14	2 4	23 32	0 22	4 11	1 33	1 43	15 10	9 43	10 7	17 10	1 53	3 35
M23	1 3	5 54	1 10	7 20	0 33	17 4	1 15	7 10	1 5	3 35	1 3	19 14	2 4	23 32	0 22	4 12	1 33	1 44	15 9	9 43	10 9	17 9	1 54	3 35
T 24	1 27	1 57	2 15	7 29	0 19	17 29	1 19	6 52	1 5	3 30	1 3	19 13	2 4	23 32	0 22	4 13	1 33	1 44	15 9	9 44	10 10	17 8	1 55	3 35
W25	1 51	2n 9	3 14	7 37	0 5	17 53	1 23	6 34	1 5	3 24	1 3	19 13	2 4	23 32	0 22	4 14	1 33	1 45	15 9	9 45	10 11	17 8	1 57	3 35
T 26	2 14	6 14	4 4	7 41	0s 8	18 16	1 27	6 15	1 5	3 18	1 3	19 13	2 4	23 32	0 22	4 15	1 33	1 45	15 9	9 47	10 12	17 7	1 58	3 35
F 27	2 38	10 5	4 42	7 44	0 21	18 39	1 30	5 57	1 5	3 13	1 3	19 12	2 5	23 32	0 22	4 16	1 33	1 46	15 8	9 49	10 13	17 6	2 0	3 35
S 28	3 1	13 29	5 5	7 44	0 33	19 2	1 34	5 38	1 5	3 7	1 3	19 12	2 5	23 32	0 22	4 16	1 33	1 46	15 8	9 51	10 14	17 5	2 1	3 35
S 29	3 25	16 13	5 12	7 42	0 45	19 24	1 38	5 20	1 4	3 2	1 3	19 12	2 5	23 32	0 22	4 17	1 33	1 47	15 8	9 52	10 16	17 5	2 3	3 35
M30	3 48	18 4	5 1	7 38	0 56	19 46	1 41	5 1	1 4	2 56	1 3	19 11	2 5	23 32	0 22	4 18	1 33	1 47	15 8	9 53	10 17	17 4	2 4	3 35
T 31	4n11	18n52	4s32	7s32	1s 7	20n 7	1n45	4s43	1s 4	2s50	1s 3	19s11	2n 5	23n32	0n22	4n19	1s33	1n48	15s 8	9n54	10n18	17s 3	2n 5	3n35

Julian Day Number = 2403392.5, Delta T = 4.66 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°53'57, Lahiri = 22°00'58

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ASTRODIENST EPHEMERIS for the year 1868
geocentric

APRIL 1868 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 38 31	11♈33'07	17♋53	14♓13	23♉44	21♓23	25♓32	5°R27	8♋54	14♈37	14♉49	4°D24	3♍16	2♒32	27♓ 4	W 1
T 2	12 42 28	12°32'14	2♌ 6	15° 1	24°52	22°10	25°46	5♐26	8°55	14°40	14°50	4♍25	3°12	2°38	27° 7	T 2
F 3	12 46 24	13°31'19	16°24	15°53	26° 0	22°57	26° 0	5°24	8°55	14°42	14°51	4°27	3° 9	2°45	27°11	F 3
S 4	12 50 21	14°30'21	0♍46	16°48	27° 8	23°43	26°14	5°22	8°56	14°44	14°53	4°R28	3° 6	2°52	27°14	S 4
S 5	12 54 17	15°29'21	15° 7	17°46	28°15	24°30	26°28	5°20	8°57	14°47	14°54	4°27	3° 3	2°58	27°18	S 5
M 6	12 58 14	16°28'19	29°23	18°47	29°23	25°17	26°42	5°18	8°58	14°49	14°55	4°25	3° 0	3° 5	27°21	M 6
T 7	13 2 10	17°27'14	13♎31	19°50	0♊30	26° 4	26°56	5°16	9° 0	14°51	14°56	4°21	2°57	3°12	27°25	T 7
W 8	13 6 7	18°26'08	27°24	20°56	1°37	26°50	27°10	5°13	9° 1	14°53	14°57	4°15	2°53	3°18	27°28	W 8
T 9	13 10 4	19°24'59	11♏ 0	22° 4	2°43	27°37	27°24	5°11	9° 2	14°56	14°59	4° 7	2°50	3°25	27°32	T 9
F 10	13 14 0	20°23'49	24°15	23°15	3°50	28°24	27°38	5° 9	9° 3	14°58	15° 0	3°59	2°47	3°32	27°35	F 10
S 11	13 17 57	21°22'37	7♐ 9	24°28	4°56	29°10	27°52	5° 6	9° 5	15° 0	15° 1	3°52	2°44	3°38	27°39	S 11
S 12	13 21 53	22°21'23	19°44	25°43	6° 2	29°57	28° 6	5° 3	9° 6	15° 2	15° 2	3°45	2°41	3°45	27°42	S 12
M13	13 25 50	23°20'08	2♑ 0	27° 1	7° 8	0♈44	28°20	5° 1	9° 7	15° 5	15° 4	3°41	2°37	3°52	27°46	M13
T 14	13 29 46	24°18'50	14° 3	28°20	8°13	1°30	28°34	4°58	9° 9	15° 7	15° 5	3°39	2°34	3°58	27°49	T 14
W15	13 33 43	25°17'31	25°56	29°41	9°19	2°17	28°48	4°55	9°10	15° 9	15° 6	3°D38	2°31	4° 5	27°52	W15
T 16	13 37 39	26°16'10	7♒45	1♈ 4	10°24	3° 3	29° 1	4°52	9°12	15°11	15° 7	3°38	2°28	4°12	27°56	T 16
F 17	13 41 36	27°14'48	19°36	2°30	11°29	3°50	29°15	4°49	9°13	15°14	15° 9	3°40	2°25	4°18	27°59	F 17
S 18	13 45 32	28°13'24	1♓32	3°57	12°34	4°36	29°29	4°46	9°15	15°16	15°10	3°R40	2°22	4°25	28° 2	S 18
S 19	13 49 29	29°11'58	13°40	5°25	13°38	5°22	29°42	4°43	9°17	15°18	15°11	3°40	2°18	4°32	28° 5	S 19
M20	13 53 26	0♉10'30	26° 2	6°56	14°42	6° 9	29°56	4°40	9°18	15°20	15°13	3°37	2°15	4°38	28° 9	M20
T 21	13 57 22	1° 9'01	8♈43	8°29	15°46	6°55	0♈ 9	4°36	9°20	15°22	15°14	3°32	2°12	4°45	28°12	T 21
W22	14 1 19	2° 7'29	21°42	10° 3	16°50	7°41	0°23	4°33	9°22	15°25	15°15	3°25	2° 9	4°52	28°15	W22
T 23	14 5 15	3° 5'56	5♉ 0	11°39	17°53	8°28	0°36	4°30	9°24	15°27	15°17	3°16	2° 6	4°58	28°18	T 23
F 24	14 9 12	4° 4'22	18°36	13°17	18°56	9°14	0°49	4°26	9°26	15°29	15°18	3° 6	2° 3	5° 5	28°21	F 24
S 25	14 13 8	5° 2'45	2♊26	14°56	19°59	10° 0	1° 3	4°23	9°28	15°31	15°19	2°56	1°59	5°12	28°25	S 25
S 26	14 17 5	6° 1'06	16°27	16°38	21° 2	10°46	1°16	4°19	9°30	15°33	15°21	2°47	1°56	5°18	28°28	S 26
M27	14 21 1	6°59'26	0♋34	18°21	22° 4	11°32	1°29	4°15	9°32	15°36	15°22	2°40	1°53	5°25	28°31	M27
T 28	14 24 58	7°57'43	14°43	20° 5	23° 6	12°18	1°42	4°12	9°34	15°38	15°23	2°36	1°50	5°32	28°34	T 28
W29	14 28 55	8°55'58	28°53	21°52	24° 7	13° 4	1°55	4° 8	9°36	15°40	15°25	2°34	1°47	5°38	28°37	W29
T 30	14 32 51	9♉54'11	13♌ 2	23♈40	25♊ 8	13♈50	2♈ 8	4♐ 4	9♋38	15♈42	15♉26	2°D33	1♍43	5♒45	28♓40	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n34	18n31	3s47	7s24	1s17	20n28	1n49	4s24	1s 4	2s45	1s 3	19s10	2n 5	23n31	0n22	4n20	1s33	1n48	15s 7	9n54	10n19	17s 2	2n 7	3n35
T 2	4 57	16 59	2 47	7 14	1 26	20 49	1 52	4 5	1 4	2 39	1 3	19 10	2 5	23 31	0 22	4 21	1 33	1 49	15 7	9 54	10 20	17 2	2 8	3 35
F 3	5 20	14 23	1 37	7 2	1 35	21 8	1 56	3 47	1 4	2 34	1 3	19 9	2 5	23 31	0 22	4 22	1 33	1 49	15 7	9 53	10 21	17 1	2 10	3 35
S 4	5 43	10 54	0 20	6 48	1 44	21 28	1 59	3 28	1 3	2 28	1 3	19 9	2 6	23 31	0 22	4 23	1 33	1 50	15 7	9 53	10 22	17 0	2 11	3 35
S 5	6 6	6 45	0n58	6 33	1 51	21 47	2 3	3 9	1 3	2 23	1 4	19 9	2 6	23 31	0 22	4 23	1 33	1 50	15 7	9 53	10 24	16 59	2 12	3 35
M 6	6 29	2 15	2 11	6 15	1 58	22 5	2 6	2 50	1 3	2 17	1 4	19 8	2 6	23 31	0 22	4 24	1 33	1 51	15 7	9 54	10 25	16 59	2 14	3 35
T 7	6 51	2s20	3 16	5 57	2 5	22 23	2 10	2 32	1 3	2 11	1 4	19 8	2 6	23 31	0 22	4 25	1 33	1 51	15 6	9 55	10 26	16 58	2 15	3 35
W 8	7 14	6 42	4 7	5 36	2 11	22 40	2 13	2 13	1 2	2 6	1 4	19 7	2 6	23 31	0 22	4 26	1 33	1 52	15 6	9 58	10 27	16 57	2 17	3 35
T 9	7 36	10 38	4 44	5 14	2 16	22 57	2 16	1 54	1 2	2 0	1 4	19 6	2 6	23 31	0 22	4 27	1 33	1 52	15 6	10 0	10 28	16 56	2 18	3 35
F 10	7 58	13 56	5 4	4 51	2 21	23 13	2 19	1 35	1 2	1 55	1 4	19 6	2 6	23 31	0 22	4 28	1 33	1 53	15 6	10 3	10 29	16 56	2 19	3 35
S 11	8 21	16 28	5 8	4 26	2 26	23 28	2 23	1 16	1 2	1 50	1 4	19 5	2 6	23 31	0 22	4 29	1 33	1 53	15 6	10 6	10 30	16 55	2 21	3 35
S 12	8 42	18 8	4 56	3 59	2 29	23 43	2 26	0 58	1 1	1 44	1 4	19 5	2 7	23 31	0 22	4 30	1 33	1 54	15 6	10 8	10 32	16 54	2 22	3 35
M13	9 4	18 55	4 32	3 31	2 32	23 58	2 29	0 39	1 1	1 39	1 4	19 4	2 7	23 30	0 22	4 30	1 33	1 54	15 5	10 10	10 33	16 53	2 23	3 35
T 14	9 26	18 49	3 55	3 2	2 35	24 11	2 32	0 20	1 1	1 33	1 4	19 4	2 7	23 30	0 22	4 31	1 33	1 55	15 5	10 11	10 34	16 52	2 25	3 35
W15	9 47	17 53	3 9	2 32	2 37	24 25	2 35	0 1	1 1	1 28	1 4	19 3	2 7	23 30	0 22	4 32	1 33	1 55	15 5	10 11	10 35	16 52	2 26	3 35
T 16	10 9	16 10	2 15	2 0	2 39	24 37	2 38	0n17	1 0	1 23	1 5	19 2	2 7	23 30	0 22	4 33	1 33	1 55	15 5	10 11	10 36	16 51	2 28	3 35
F 17	10 30	13 46	1 15	1 27	2 40	24 49	2 40	0 36	1 0	1 17	1 5	19 2	2 7	23 30	0 22	4 34	1 33	1 56	15 5	10 10	10 37	16 50	2 29	3 35
S 18	10 51	10 45	0 11	0 53	2 40	25 1	2 43	0 55	1 0	1 12	1 5	19 1	2 7	23 30	0 22	4 35	1 33	1 56	15 5	10 10	10 38	16 49	2 30	3 35
S 19	11 12	7 15	0s53	0 18	2 40	25 12	2 46	1 14	0 59	1 7	1 5	19 1	2 7	23 30	0 22	4 36	1 33	1 57	15 5	10 10	10 40	16 48	2 32	3 35
M20	11 32	3 22	1 57	0n19	2 39	25 22	2 48	1 32	0 59	1 1	1 5	19 0	2 7	23 30	0 22	4 36	1 33	1 57	15 5	10 11	10 41	16 48	2 33	3 35
T 21	11 53	0n45	2 56	0 56	2 38	25 31	2 51	1 51	0 59	0 56	1 5	18 59	2 7	23 29	0 22	4 37	1 34	1 58	15 5	10 13	10 42	16 47	2 34	3 35
W22	12 13	4 56	3 48	1 35	2 37	25 40	2 53	2 9	0 59	0 51	1 5	18 59	2 7	23 29	0 22	4 38	1 34	1 58	15 4	10 16	10 43	16 46	2 35	3 35
T 23	12 33	8 59	4 28	2 14	2 34	25 49	2 56	2 28	0 58	0 46	1 5	18 58	2 7	23 29	0 22	4 39	1 34	1 59	15 4	10 19	10 44	16 45	2 37	3 35
F 24	12 53	12 39	4 54	2 55	2 32	25 57	2 58	2 46	0 58	0 40	1 5	18 57	2 8	23 29	0 22	4 40	1 34	1 59	15 4	10 22	10 45	16 44	2 38	3 35
S 25	13 13	15 42	5 4	3 37	2 28	26 4	3 0	3 5	0 58	0 35	1 6	18 56	2 8	23 29	0 22	4 40	1 34	2 0	15 4	10 26	10 46	16 44	2 39	3 35
S 26	13 32	17 52	4 55	4 19	2 24	26 10	3 2	3 23	0 57	0 30	1 6	18 56	2 8	23 29	0 22	4 41	1 34	2 0	15 4	10 29	10 48	16 43	2 41	3 35
M27	13 51	18 58	4 29	5 2	2 20	26 16	3 4	3 42	0 57	0 25	1 6	18 55	2 8	23 29	0 22	4 42	1 34	2 0	15 4	10 32	10 49	16 42	2 42	3 35
T 28	14 10	18 54	3 46	5 46	2 15	26 22	3 6	4 0	0 56	0 20	1 6	18 54	2 8	23 28	0 22	4 43	1 34	2 1	15 4	10 33	10 50	16 41	2 43	3 35
W29	14 29	17 38	2 49	6 31	2 10	26 27	3 7	4 18	0 56	0 15	1 6	18 54	2 8	23 28	0 22	4 44	1 34	2 1	15 4	10 34	10 51	16 40	2 44	3 35
T 30	14n48	15n17	1s42	7n16	2s 4	26n31	3n 9	4n36	0s56	0s10	1s 6	18s53	2n 8	23n28	0n22	4n44	1s34	2n 2	15s 4	10n34	10n52	16s39	2n46	3n35

Julian Day Number = 2403423.5, Delta T = 4.55 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°54'02, Lahiri = 22°01'02

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ASTRODIENST EPHEMERIS for the year 1868
geocentric

MAY 1868 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 36 48	10♉52'22	27♌ 7	25♈31	26♊ 9	14♈36	2♈21	4°R 0	9♋41	15♈44	15♉27	2°R34	1♍40	5♒52	28♓43	F 1
S 2	14 40 44	11°50'31	11♍ 8	27°23	27°10	15°22	2°34	3♐56	9°43	15°46	15°29	2♍33	1°37	5°58	28°45	S 2
S 3	14 44 41	12°48'38	25° 5	29°16	28°10	16° 8	2°47	3°52	9°45	15°48	15°30	2°32	1°34	6° 5	28°48	S 3
M 4	14 48 37	13°46'43	8♎55	1♉12	29° 9	16°54	2°59	3°48	9°47	15°50	15°31	2°27	1°31	6°12	28°51	M 4
T 5	14 52 34	14°44'46	22°37	3° 9	0♋ 9	17°39	3°12	3°44	9°50	15°52	15°33	2°20	1°28	6°18	28°54	T 5
W 6	14 56 30	15°42'48	6♏ 8	5° 8	1° 7	18°25	3°24	3°40	9°52	15°54	15°34	2°11	1°24	6°25	28°57	W 6
T 7	15 0 27	16°40'47	19°25	7° 9	2° 6	19°11	3°37	3°36	9°55	15°56	15°36	1°59	1°21	6°32	28°59	T 7
F 8	15 4 24	17°38'46	2♐27	9°12	3° 4	19°56	3°49	3°32	9°57	15°58	15°37	1°47	1°18	6°38	29° 2	F 8
S 9	15 8 20	18°36'42	15°12	11°16	4° 1	20°42	4° 2	3°28	10° 0	16° 0	15°38	1°35	1°15	6°45	29° 5	S 9
S 10	15 12 17	19°34'38	27°41	13°21	4°58	21°27	4°14	3°23	10° 2	16° 2	15°40	1°24	1°12	6°52	29° 7	S 10
M11	15 16 13	20°32'31	9♑55	15°28	5°55	22°13	4°26	3°19	10° 5	16° 4	15°41	1°16	1° 9	6°58	29°10	M11
T 12	15 20 10	21°30'24	21°56	17°36	6°51	22°58	4°38	3°15	10° 8	16° 6	15°42	1°11	1° 5	7° 5	29°13	T 12
W13	15 24 6	22°28'15	3♒49	19°45	7°46	23°44	4°50	3°10	10°10	16° 8	15°44	1° 7	1° 2	7°12	29°15	W13
T 14	15 28 3	23°26'05	15°37	21°55	8°41	24°29	5° 2	3° 6	10°13	16°10	15°45	1° 6	0°59	7°18	29°18	T 14
F 15	15 31 59	24°23'54	27°28	24° 6	9°36	25°14	5°14	3° 2	10°16	16°12	15°46	1° 6	0°56	7°25	29°20	F 15
S 16	15 35 56	25°21'42	9♓25	26°17	10°30	26° 0	5°26	2°57	10°19	16°14	15°48	1° 6	0°53	7°32	29°22	S 16
S 17	15 39 53	26°19'28	21°34	28°29	11°23	26°45	5°37	2°53	10°21	16°16	15°49	1° 5	0°49	7°38	29°25	S 17
M18	15 43 49	27°17'13	4♈ 0	0♊40	12°16	27°30	5°49	2°48	10°24	16°17	15°50	1° 2	0°46	7°45	29°27	M18
T 19	15 47 46	28°14'57	16°48	2°51	13° 8	28°15	6° 1	2°44	10°27	16°19	15°52	0°56	0°43	7°52	29°29	T 19
W20	15 51 42	29°12'40	29°59	5° 1	13°59	29° 0	6°12	2°39	10°30	16°21	15°53	0°48	0°40	7°58	29°31	W20
T 21	15 55 39	0♊10'22	13♉34	7°11	14°50	29°45	6°23	2°35	10°33	16°23	15°54	0°37	0°37	8° 5	29°34	T 21
F 22	15 59 35	1° 8'03	27°30	9°19	15°40	0♉30	6°35	2°31	10°36	16°25	15°56	0°25	0°34	8°11	29°36	F 22
S 23	16 3 32	2° 5'42	11♊45	11°26	16°29	1°15	6°46	2°26	10°39	16°26	15°57	0°14	0°30	8°18	29°38	S 23
S 24	16 7 28	3° 3'21	26°12	13°31	17°18	2° 0	6°57	2°22	10°42	16°28	15°58	0° 3	0°27	8°25	29°40	S 24
M25	16 11 25	4° 0'58	10♋44	15°34	18° 6	2°45	7° 8	2°17	10°45	16°30	16° 0	29♌55	0°24	8°31	29°42	M25
T 26	16 15 22	4°58'33	25°15	17°35	18°52	3°29	7°19	2°13	10°48	16°31	16° 1	29°49	0°21	8°38	29°44	T 26
W27	16 19 18	5°56'07	9♌40	19°34	19°39	4°14	7°29	2° 8	10°51	16°33	16° 2	29°46	0°18	8°45	29°46	W27
T 28	16 23 15	6°53'40	23°56	21°31	20°24	4°59	7°40	2° 4	10°54	16°35	16° 4	29°45	0°15	8°51	29°48	T 28
F 29	16 27 11	7°51'11	8♍ 1	23°25	21° 8	5°43	7°50	1°59	10°58	16°36	16° 5	29°45	0°11	8°58	29°49	F 29
S 30	16 31 8	8°48'41	21°54	25°17	21°51	6°28	8° 1	1°55	11° 1	16°38	16° 6	29°45	0° 8	9° 5	29°51	S 30
S 31	16 35 4	9♊46'10	5♎36	27♊ 6	22♋34	7♉12	8♈11	1♐50	11♋ 4	16♈39	16♉ 7	29♌43	0♍ 5	9♒11	29♓53	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n 6	12n 2	0s29	8n 3	1s58	26n34	3n10	4n55	0s55	0s 5	1s 6	18s52	2n 8	23n28	0n22	4n45	1s34	2n 2	15s 4	10n34	10n53	16s38	2n47	3n35
S 2	15 24	8 6	0n46	8 49	1 51	26 37	3 12	5 13	0 55	0n 0	1 6	18 51	2 8	23 28	0 22	4 46	1 34	2 3	15 4	10 34	10 54	16 38	2 48	3 36
S 3	15 42	3 44	1 57	9 37	1 44	26 39	3 13	5 31	0 54	0 5	1 7	18 50	2 8	23 28	0 22	4 47	1 34	2 3	15 4	10 35	10 55	16 37	2 49	3 36
M 4	15 59	0s47	3 0	10 24	1 36	26 41	3 14	5 49	0 54	0 10	1 7	18 50	2 8	23 27	0 22	4 48	1 34	2 3	15 4	10 36	10 57	16 36	2 50	3 36
T 5	16 16	5 12	3 53	11 12	1 28	26 42	3 15	6 6	0 54	0 15	1 7	18 49	2 8	23 27	0 22	4 48	1 34	2 4	15 4	10 39	10 58	16 35	2 52	3 36
W 6	16 33	9 18	4 31	12 0	1 19	26 43	3 16	6 24	0 53	0 20	1 7	18 48	2 8	23 27	0 22	4 49	1 34	2 4	15 4	10 42	10 59	16 34	2 53	3 36
T 7	16 50	12 52	4 54	12 48	1 10	26 43	3 17	6 42	0 53	0 25	1 7	18 47	2 8	23 27	0 22	4 50	1 34	2 5	15 4	10 47	11 0	16 33	2 54	3 36
F 8	17 6	15 44	5 1	13 37	1 1	26 42	3 17	7 0	0 52	0 29	1 7	18 47	2 8	23 27	0 22	4 51	1 34	2 5	15 4	10 51	11 1	16 32	2 55	3 36
S 9	17 22	17 47	4 53	14 25	0 51	26 41	3 18	7 17	0 52	0 34	1 7	18 46	2 8	23 26	0 22	4 51	1 34	2 5	15 4	10 55	11 2	16 32	2 56	3 36
S 10	17 38	18 55	4 31	15 12	0 41	26 39	3 18	7 35	0 51	0 39	1 8	18 45	2 8	23 26	0 22	4 52	1 34	2 6	15 4	10 59	11 3	16 31	2 57	3 36
M11	17 54	19 9	3 56	15 59	0 31	26 37	3 18	7 52	0 51	0 44	1 8	18 44	2 8	23 26	0 22	4 53	1 34	2 6	15 4	11 2	11 5	16 30	2 58	3 36
T 12	18 9	18 31	3 12	16 46	0 21	26 34	3 18	8 9	0 51	0 48	1 8	18 43	2 8	23 26	0 22	4 53	1 34	2 6	15 4	11 4	11 6	16 29	3 0	3 36
W13	18 24	17 3	2 19	17 32	0 10	26 31	3 18	8 26	0 50	0 53	1 8	18 43	2 8	23 26	0 22	4 54	1 34	2 7	15 4	11 5	11 7	16 28	3 1	3 36
T 14	18 39	14 52	1 21	18 16	0n 1	26 27	3 17	8 43	0 50	0 57	1 8	18 42	2 8	23 25	0 22	4 55	1 34	2 7	15 4	11 5	11 8	16 27	3 2	3 36
F 15	18 53	12 4	0 19	18 59	0 11	26 23	3 17	9 0	0 49	1 2	1 8	18 41	2 8	23 25	0 22	4 56	1 34	2 7	15 4	11 5	11 9	16 26	3 3	3 37
S 16	19 7	8 43	0s44	19 41	0 22	26 18	3 16	9 17	0 49	1 7	1 9	18 40	2 8	23 25	0 22	4 56	1 34	2 8	15 4	11 5	11 10	16 25	3 4	3 37
S 17	19 21	4 58	1 46	20 21	0 32	26 13	3 15	9 34	0 48	1 11	1 9	18 39	2 8	23 25	0 22	4 57	1 34	2 8	15 4	11 6	11 11	16 25	3 5	3 37
M18	19 34	0 56	2 45	20 59	0 42	26 7	3 14	9 51	0 48	1 15	1 9	18 38	2 8	23 24	0 22	4 58	1 34	2 8	15 4	11 7	11 12	16 24	3 6	3 37
T 19	19 47	3n16	3 37	21 35	0 52	26 0	3 13	10 7	0 47	1 20	1 9	18 38	2 8	23 24	0 22	4 58	1 34	2 9	15 4	11 9	11 14	16 23	3 7	3 37
W20	20 0	7 26	4 19	22 9	1 1	25 54	3 12	10 24	0 47	1 24	1 9	18 37	2 8	23 24	0 22	4 59	1 34	2 9	15 4	11 12	11 15	16 22	3 8	3 37
T 21	20 12	11 20	4 48	22 41	1 10	25 46	3 10	10 40	0 46	1 28	1 9	18 36	2 8	23 24	0 22	5 0	1 34	2 9	15 4	11 16	11 16	16 21	3 9	3 37
F 22	20 24	14 44	5 0	23 10	1 19	25 39	3 8	10 56	0 46	1 33	1 10	18 35	2 8	23 24	0 22	5 0	1 34	2 10	15 4	11 20	11 17	16 20	3 10	3 37
S 23	20 36	17 21	4 55	23 36	1 27	25 31	3 6	11 13	0 45	1 37	1 10	18 34	2 8	23 23	0 22	5 1	1 34	2 10	15 4	11 24	11 18	16 19	3 11	3 37
S 24	20 47	18 54	4 30	24 0	1 34	25 22	3 4	11 29	0 45	1 41	1 10	18 34	2 8	23 23	0 22	5 1	1 35	2 10	15 4	11 28	11 19	16 18	3 12	3 38
M25	20 58	19 14	3 48	24 21	1 41	25 14	3 1	11 44	0 44	1 45	1 10	18 33	2 8	23 23	0 22	5 2	1 35	2 11	15 4	11 31	11 20	16 17	3 12	3 38
T 26	21 8	18 17	2 52	24 39	1 47	25 4	2 59	12 0	0 44	1 49	1 10	18 32	2 8	23 23	0 22	5 3	1 35	2 11	15 4	11 33	11 21	16 16	3 13	3 38
W27	21 19	16 10	1 44	24 55	1 52	24 55	2 56	12 16	0 43	1 54	1 11	18 31	2 8	23 22	0 22	5 3	1 35	2 11	15 4	11 34	11 23	16 15	3 14	3 38
T 28	21 28	13 4	0 31	25 8	1 57	24 45	2 53	12 31	0 42	1 58	1 11	18 30	2 7	23 22	0 22	5 4	1 35	2 11	15 4	11 34	11 24	16 14	3 15	3 38
F 29	21 38	9 15	0n44	25 18	2 1	24 35	2 49	12 47	0 42	2 2	1 11	18 29	2 7	23 22	0 22	5 4	1 35	2 12	15 4	11 34	11 25	16 13	3 16	3 38
S 30	21 47	4 58	1 54	25 26	2 4	24 24	2 46	13 2	0 41	2 5	1 11	18 29	2 7	23 21	0 22	5 5	1 35	2 12	15 4	11 34	11 26	16 13	3 17	3 38
S 31	21n56	0n30	2n58	25n31	2n 6	24n14	2n42	13n17	0s41	2n 9	1s11	18s28	2n 7	23n21	0n22	5n 5	1s35	2n12	15s 5	11n35	11n27	16s12	3n18	3n38

Julian Day Number = 2403453.5, Delta T = 4.44 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°54'06, Lahiri = 22°01'06

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ASTRODIENST EPHEMERIS for the year 1868
geocentric

JUNE 1868 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 39 1	10♊43'37	19♎ 6	28♊53	23♋15	7♉56	8♈21	1°R46	11♋ 7	16♈41	16♉ 9	29°R39	0♍ 2	9♒18	29♓55	M 1
T 2	16 42 57	11°41'03	2♏25	0♋37	23°55	8°41	8°31	1♐42	11°10	16°42	16°10	29♎31	29♎59	9°25	29°56	T 2
W 3	16 46 54	12°38'28	15°33	2°18	24°34	9°25	8°41	1°37	11°14	16°44	16°11	29°22	29°55	9°31	29°58	W 3
T 4	16 50 51	13°35'51	28°29	3°56	25°12	10° 9	8°51	1°33	11°17	16°45	16°12	29°10	29°52	9°38	29°59	T 4
F 5	16 54 47	14°33'14	11♐12	5°32	25°49	10°53	9° 1	1°29	11°20	16°47	16°14	28°58	29°49	9°45	0♈ 1	F 5
S 6	16 58 44	15°30'36	23°43	7° 4	26°25	11°38	9°11	1°24	11°24	16°48	16°15	28°46	29°46	9°51	0° 2	S 6
S 7	17 2 40	16°27'58	6♑ 0	8°34	26°59	12°22	9°20	1°20	11°27	16°49	16°16	28°35	29°43	9°58	0° 4	S 7
M 8	17 6 37	17°25'18	18° 7	10° 1	27°32	13° 6	9°30	1°16	11°30	16°51	16°17	28°27	29°40	10° 5	0° 5	M 8
T 9	17 10 33	18°22'38	0♒ 4	11°26	28° 3	13°49	9°39	1°12	11°34	16°52	16°18	28°21	29°36	10°11	0° 6	T 9
W10	17 14 30	19°19'57	11°54	12°47	28°33	14°33	9°48	1° 8	11°37	16°53	16°20	28°17	29°33	10°18	0° 8	W10
T 11	17 18 26	20°17'16	23°42	14° 5	29° 2	15°17	9°57	1° 4	11°41	16°55	16°21	28°D16	29°30	10°25	0° 9	T 11
F 12	17 22 23	21°14'34	5♓31	15°21	29°29	16° 1	10° 6	0°59	11°44	16°56	16°22	28°16	29°27	10°31	0°10	F 12
S 13	17 26 20	22°11'52	17°27	16°33	29°55	16°45	10°15	0°55	11°48	16°57	16°23	28°R16	29°24	10°38	0°11	S 13
S 14	17 30 16	23° 9'10	29°36	17°42	0♎18	17°28	10°23	0°51	11°51	16°58	16°24	28°16	29°20	10°45	0°12	S 14
M15	17 34 13	24° 6'27	12♈ 3	18°48	0°40	18°12	10°32	0°48	11°54	16°59	16°25	28°15	29°17	10°51	0°13	M15
T 16	17 38 9	25° 3'44	24°51	19°51	1° 1	18°55	10°40	0°44	11°58	17° 0	16°26	28°11	29°14	10°58	0°14	T 16
W17	17 42 6	26° 1'00	8♉ 5	20°51	1°19	19°39	10°49	0°40	12° 2	17° 1	16°27	28° 5	29°11	11° 4	0°15	W17
T 18	17 46 2	26°58'17	21°47	21°47	1°36	20°22	10°57	0°36	12° 5	17° 3	16°28	27°58	29° 8	11°11	0°16	T 18
F 19	17 49 59	27°55'33	5♊54	22°39	1°50	21° 6	11° 5	0°32	12° 9	17° 4	16°30	27°49	29° 5	11°18	0°16	F 19
S 20	17 53 55	28°52'49	20°25	23°28	2° 3	21°49	11°13	0°29	12°12	17° 5	16°31	27°39	29° 1	11°24	0°17	S 20
S 21	17 57 52	29°50'04	5♋11	24°14	2°14	22°32	11°20	0°25	12°16	17° 6	16°32	27°31	28°58	11°31	0°18	S 21
M22	18 1 49	0♋47'19	20° 5	24°55	2°22	23°15	11°28	0°21	12°19	17° 6	16°33	27°25	28°55	11°38	0°19	M22
T 23	18 5 45	1°44'34	4♌59	25°33	2°28	23°58	11°35	0°18	12°23	17° 7	16°34	27°20	28°52	11°44	0°19	T 23
W24	18 9 42	2°41'48	19°45	26° 6	2°32	24°41	11°42	0°15	12°26	17° 8	16°35	27°19	28°49	11°51	0°20	W24
T 25	18 13 38	3°39'02	4♍16	26°36	2°R34	25°24	11°50	0°11	12°30	17° 9	16°36	27°D19	28°46	11°58	0°20	T 25
F 26	18 17 35	4°36'15	18°31	27° 1	2°34	26° 7	11°57	0° 8	12°34	17°10	16°37	27°19	28°42	12° 4	0°20	F 26
S 27	18 21 31	5°33'27	2♎27	27°22	2°31	26°50	12° 3	0° 5	12°37	17°11	16°38	27°R20	28°39	12°11	0°21	S 27
S 28	18 25 28	6°30'39	16° 4	27°38	2°25	27°33	12°10	0° 2	12°41	17°11	16°39	27°20	28°36	12°18	0°21	S 28
M29	18 29 24	7°27'50	29°24	27°50	2°18	28°15	12°16	29♏58	12°45	17°12	16°40	27°18	28°33	12°24	0°21	M29
T 30	18 33 21	8♋25'02	12♏29	27♋57	2♎ 8	28♉58	12♈23	29♏55	12♋48	17♈13	16♉40	27♎13	28♎30	12♒31	0♈22	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 4	3s56	3n50	25n35	2n 8	24n 3	2n38	13n32	0s40	2n13	1s12	18s27	2n 7	23n21	0n22	5n 6	1s35	2n12	15s 5	11n36	11n28	16s11	3n18	3n38
T 2	22 12	8 7	4 29	25 36	2 8	23 51	2 34	13 47	0 40	2 17	1 12	18 26	2 7	23 21	0 22	5 6	1 35	2 13	15 5	11 39	11 29	16 10	3 19	3 39
W 3	22 20	11 50	4 53	25 34	2 8	23 40	2 29	14 1	0 39	2 21	1 12	18 26	2 7	23 20	0 22	5 7	1 35	2 13	15 5	11 42	11 30	16 9	3 20	3 39
T 4	22 27	14 56	5 1	25 31	2 8	23 28	2 24	14 16	0 38	2 24	1 12	18 25	2 7	23 20	0 22	5 8	1 35	2 13	15 5	11 46	11 31	16 8	3 21	3 39
F 5	22 34	17 16	4 55	25 26	2 6	23 16	2 19	14 30	0 38	2 28	1 12	18 24	2 7	23 20	0 22	5 8	1 35	2 13	15 5	11 51	11 33	16 7	3 21	3 39
S 6	22 40	18 45	4 34	25 19	2 4	23 4	2 13	14 44	0 37	2 32	1 13	18 23	2 7	23 20	0 22	5 8	1 35	2 13	15 5	11 55	11 34	16 6	3 22	3 39
S 7	22 46	19 19	4 0	25 11	2 1	22 52	2 8	14 58	0 37	2 35	1 13	18 23	2 7	23 19	0 22	5 9	1 35	2 14	15 5	11 58	11 35	16 5	3 23	3 39
M 8	22 52	18 59	3 16	25 1	1 57	22 39	2 1	15 12	0 36	2 39	1 13	18 22	2 6	23 19	0 22	5 9	1 35	2 14	15 5	12 1	11 36	16 4	3 23	3 39
T 9	22 57	17 48	2 24	24 50	1 52	22 27	1 55	15 26	0 35	2 42	1 13	18 21	2 6	23 19	0 22	5 10	1 35	2 14	15 6	12 3	11 37	16 3	3 24	3 40
W10	23 2	15 51	1 26	24 37	1 47	22 14	1 48	15 40	0 35	2 46	1 13	18 20	2 6	23 18	0 22	5 10	1 35	2 14	15 6	12 5	11 38	16 2	3 25	3 40
T 11	23 6	13 15	0 24	24 23	1 41	22 1	1 41	15 53	0 34	2 49	1 14	18 20	2 6	23 18	0 22	5 11	1 35	2 14	15 6	12 5	11 39	16 1	3 25	3 40
F 12	23 10	10 6	0s39	24 8	1 34	21 48	1 34	16 6	0 34	2 52	1 14	18 19	2 6	23 18	0 22	5 11	1 35	2 15	15 6	12 5	11 40	16 0	3 26	3 40
S 13	23 13	6 30	1 41	23 52	1 27	21 35	1 26	16 19	0 33	2 55	1 14	18 18	2 6	23 17	0 22	5 12	1 35	2 15	15 6	12 5	11 41	15 59	3 26	3 40
S 14	23 17	2 36	2 39	23 35	1 19	21 22	1 18	16 32	0 32	2 59	1 14	18 18	2 6	23 17	0 22	5 12	1 36	2 15	15 6	12 5	11 43	15 58	3 27	3 40
M15	23 19	1n31	3 32	23 17	1 10	21 10	1 10	16 45	0 32	3 2	1 15	18 17	2 5	23 17	0 22	5 12	1 36	2 15	15 6	12 5	11 44	15 57	3 27	3 40
T 16	23 22	5 40	4 15	22 59	1 1	20 57	1 1	16 58	0 31	3 5	1 15	18 16	2 5	23 17	0 22	5 13	1 36	2 15	15 7	12 7	11 45	15 56	3 28	3 40
W17	23 24	9 41	4 47	22 40	0 50	20 44	0 52	17 10	0 30	3 8	1 15	18 16	2 5	23 16	0 22	5 13	1 36	2 15	15 7	12 9	11 46	15 55	3 28	3 41
T 18	23 25	13 20	5 3	22 21	0 40	20 31	0 43	17 22	0 30	3 11	1 15	18 15	2 5	23 16	0 22	5 13	1 36	2 15	15 7	12 11	11 47	15 54	3 29	3 41
F 19	23 26	16 21	5 2	22 1	0 29	20 18	0 33	17 35	0 29	3 14	1 16	18 14	2 5	23 16	0 22	5 14	1 36	2 15	15 7	12 15	11 48	15 53	3 29	3 41
S 20	23 27	18 26	4 41	21 41	0 17	20 5	0 23	17 46	0 28	3 16	1 16	18 14	2 5	23 15	0 22	5 14	1 36	2 16	15 7	12 18	11 49	15 52	3 30	3 41
S 21	23 27	19 19	4 2	21 21	0 4	19 53	0 13	17 58	0 28	3 19	1 16	18 13	2 5	23 15	0 22	5 14	1 36	2 16	15 8	12 21	11 50	15 51	3 30	3 41
M22	23 27	18 53	3 6	21 1	0s 9	19 40	0 2	18 10	0 27	3 22	1 16	18 13	2 4	23 15	0 22	5 15	1 36	2 16	15 8	12 23	11 51	15 50	3 30	3 41
T 23	23 27	17 8	1 57	20 41	0 22	19 28	0s 9	18 21	0 26	3 25	1 17	18 12	2 4	23 14	0 22	5 15	1 36	2 16	15 8	12 24	11 53	15 49	3 31	3 41
W24	23 26	14 16	0 41	20 21	0 36	19 16	0 21	18 32	0 26	3 27	1 17	18 12	2 4	23 14	0 22	5 15	1 36	2 16	15 8	12 25	11 54	15 48	3 31	3 42
T 25	23 24	10 32	0n37	20 1	0 50	19 4	0 33	18 43	0 25	3 30	1 17	18 11	2 4	23 14	0 22	5 16	1 36	2 16	15 8	12 25	11 55	15 47	3 31	3 42
F 26	23 22	6 15	1 52	19 42	1 5	18 52	0 45	18 54	0 24	3 32	1 17	18 11	2 4	23 13	0 22	5 16	1 36	2 16	15 9	12 25	11 56	15 46	3 32	3 42
S 27	23 20	1 45	2 58	19 23	1 20	18 41	0 57	19 5	0 24	3 35	1 18	18 10	2 3	23 13	0 22	5 16	1 36	2 16	15 9	12 24	11 57	15 45	3 32	3 42
S 28	23 18	2s45	3 52	19 5	1 35	18 30	1 10	19 15	0 23	3 37	1 18	18 10	2 3	23 13	0 22	5 16	1 36	2 16	15 9	12 24	11 58	15 44	3 32	3 42
M29	23 15	7 1	4 32	18 48	1 51	18 19	1 23	19 25	0 22	3 39	1 18	18 9	2 3	23 12	0 22	5 17	1 36	2 16	15 9	12 25	11 59	15 43	3 32	3 42
T 30	23n11	10s52	4n58	18n31	2s 6	18n 8	1s37	19n35	0s22	3n42	1s18	18s 9	2n 3	23n12	0n22	5n17	1s36	2n16	15s 9	12n27	12n 0	15s42	3n33	3n42

Julian Day Number = 2403484.5, Delta T = 4.33 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°54'10, Lahiri = 22°01'10

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1868
geocentric

JULY 1868 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 37 18	9♋22'13	25♏19	27°R59	1°R55	29♉41	12♈29	29°R53	12♋52	17♈13	16♉41	27°R 7	28♌26	12♒38	0♈22	W 1
T 2	18 41 14	10°19'23	7♐57	27♋57	1♌40	0♊23	12°35	29♏50	12°55	17°14	16°42	27♌ 0	28°23	12°44	0°22	T 2
F 3	18 45 11	11°16'34	20°22	27°50	1°23	1° 6	12°41	29°47	12°59	17°15	16°43	26°52	28°20	12°51	0°R22	F 3
S 4	18 49 7	12°13'44	2♑38	27°39	1° 3	1°48	12°46	29°44	13° 3	17°15	16°44	26°44	28°17	12°58	0°22	S 4
S 5	18 53 4	13°10'55	14°43	27°23	0°41	2°30	12°52	29°42	13° 6	17°16	16°45	26°37	28°14	13° 4	0°22	S 5
M 6	18 57 0	14° 8'05	26°41	27° 3	0°17	3°12	12°57	29°39	13°10	17°16	16°46	26°31	28°11	13°11	0°22	M 6
T 7	19 0 57	15° 5'16	8♒33	26°39	29♋51	3°55	13° 3	29°36	13°14	17°17	16°46	26°28	28° 7	13°18	0°21	T 7
W 8	19 4 54	16° 2'27	20°21	26°11	29°23	4°37	13° 8	29°34	13°17	17°17	16°47	26°26	28° 4	13°24	0°21	W 8
T 9	19 8 50	16°59'38	2♓ 8	25°40	28°54	5°19	13°12	29°32	13°21	17°18	16°48	26°D26	28° 1	13°31	0°21	T 9
F 10	19 12 47	17°56'50	13°58	25° 6	28°22	6° 1	13°17	29°30	13°24	17°18	16°49	26°27	27°58	13°37	0°20	F 10
S 11	19 16 43	18°54'02	25°55	24°30	27°49	6°43	13°22	29°27	13°28	17°18	16°49	26°29	27°55	13°44	0°20	S 11
S 12	19 20 40	19°51'15	8♈ 4	23°51	27°15	7°24	13°26	29°25	13°32	17°19	16°50	26°30	27°52	13°51	0°20	S 12
M13	19 24 36	20°48'28	20°29	23°12	26°40	8° 6	13°30	29°23	13°35	17°19	16°51	26°R31	27°48	13°57	0°19	M13
T 14	19 28 33	21°45'41	3♉15	22°32	26° 4	8°48	13°34	29°22	13°39	17°19	16°51	26°30	27°45	14° 4	0°19	T 14
W15	19 32 29	22°42'56	16°26	21°52	25°27	9°29	13°38	29°20	13°43	17°19	16°52	26°28	27°42	14°11	0°18	W15
T 16	19 36 26	23°40'11	0♊ 5	21°14	24°49	10°11	13°41	29°18	13°46	17°19	16°53	26°25	27°39	14°17	0°17	T 16
F 17	19 40 22	24°37'27	14°12	20°36	24°12	10°52	13°45	29°16	13°50	17°20	16°53	26°20	27°36	14°24	0°17	F 17
S 18	19 44 19	25°34'44	28°44	20° 1	23°35	11°34	13°48	29°15	13°53	17°20	16°54	26°16	27°32	14°31	0°16	S 18
S 19	19 48 16	26°32'01	13♋37	19°29	22°58	12°15	13°51	29°13	13°57	17°20	16°55	26°12	27°29	14°37	0°15	S 19
M20	19 52 12	27°29'19	28°42	19° 0	22°21	12°56	13°54	29°12	14° 1	17°20	16°55	26° 9	27°26	14°44	0°14	M20
T 21	19 56 9	28°26'37	13♌51	18°36	21°45	13°38	13°57	29°11	14° 4	17°R20	16°56	26° 7	27°23	14°51	0°13	T 21
W22	20 0 5	29°23'56	28°54	18°16	21°11	14°19	13°59	29°10	14° 8	17°20	16°56	26°D 7	27°20	14°57	0°12	W22
T 23	20 4 2	0♌21'15	13♍43	18° 0	20°37	15° 0	14° 1	29° 9	14°11	17°20	16°57	26° 7	27°17	15° 4	0°11	T 23
F 24	20 7 58	1°18'35	28°13	17°50	20° 5	15°41	14° 4	29° 8	14°15	17°20	16°57	26° 9	27°13	15°11	0°10	F 24
S 25	20 11 55	2°15'55	12♎19	17°D46	19°34	16°22	14° 5	29° 7	14°18	17°19	16°58	26°10	27°10	15°17	0° 9	S 25
S 26	20 15 52	3°13'16	26° 2	17°48	19° 5	17° 2	14° 7	29° 6	14°22	17°19	16°58	26°11	27° 7	15°24	0° 8	S 26
M27	20 19 48	4°10'37	9♏21	17°55	18°38	17°43	14° 9	29° 5	14°25	17°19	16°59	26°R11	27° 4	15°30	0° 7	M27
T 28	20 23 45	5° 7'58	22°20	18° 9	18°12	18°24	14°10	29° 5	14°29	17°19	16°59	26°10	27° 1	15°37	0° 5	T 28
W29	20 27 41	6° 5'20	5♐ 1	18°29	17°49	19° 4	14°11	29° 4	14°32	17°19	16°59	26° 8	26°58	15°44	0° 4	W29
T 30	20 31 38	7° 2'43	17°26	18°55	17°28	19°45	14°12	29° 4	14°36	17°18	17° 0	26° 6	26°54	15°50	0° 3	T 30
F 31	20 35 34	8♌ 0'06	29♐39	19♋27	17♋10	20♊25	14♈13	29♏ 4	14♋39	17♈18	17♉ 0	26♌ 3	26♌51	15♒57	0♈ 1	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 7	14s 7	5n 8	18n15	2s22	17n57	1s50	19n45	0s21	3n44	1s19	18s 8	2n 3	23n12	0n22	5n17	1s36	2n16	15s10	12n29	12n 1	15s41	3n33	3n43
T 2	23 3	16 40	5 2	18 0	2 38	17 47	2 4	19 55	0 20	3 46	1 19	18 8	2 3	23 11	0 22	5 17	1 37	2 16	15 10	12 31	12 2	15 40	3 33	3 43
F 3	22 59	18 24	4 43	17 47	2 53	17 37	2 18	20 4	0 19	3 48	1 19	18 7	2 2	23 11	0 22	5 17	1 37	2 16	15 10	12 34	12 4	15 39	3 33	3 43
S 4	22 53	19 16	4 10	17 34	3 8	17 28	2 32	20 14	0 19	3 50	1 19	18 7	2 2	23 11	0 22	5 17	1 37	2 16	15 10	12 37	12 5	15 38	3 33	3 43
S 5	22 48	19 13	3 27	17 23	3 23	17 19	2 46	20 23	0 18	3 52	1 20	18 7	2 2	23 10	0 22	5 18	1 37	2 16	15 10	12 39	12 6	15 37	3 33	3 43
M 6	22 42	18 18	2 34	17 13	3 37	17 10	3 0	20 32	0 17	3 54	1 20	18 6	2 2	23 10	0 22	5 18	1 37	2 16	15 11	12 41	12 7	15 36	3 33	3 43
T 7	22 36	16 36	1 36	17 4	3 50	17 1	3 15	20 40	0 17	3 55	1 20	18 6	2 1	23 10	0 22	5 18	1 37	2 16	15 11	12 42	12 8	15 34	3 33	3 43
W 8	22 29	14 11	0 33	16 57	4 3	16 53	3 29	20 49	0 16	3 57	1 20	18 6	2 1	23 9	0 22	5 18	1 37	2 16	15 11	12 43	12 9	15 33	3 33	3 44
T 9	22 22	11 12	0s31	16 52	4 14	16 46	3 43	20 57	0 15	3 59	1 21	18 5	2 1	23 9	0 22	5 18	1 37	2 16	15 11	12 43	12 10	15 32	3 33	3 44
F 10	22 15	7 46	1 34	16 47	4 24	16 38	3 57	21 5	0 14	4 0	1 21	18 5	2 1	23 8	0 22	5 18	1 37	2 16	15 12	12 42	12 11	15 31	3 33	3 44
S 11	22 7	3 59	2 34	16 45	4 33	16 31	4 10	21 13	0 14	4 2	1 21	18 5	2 1	23 8	0 22	5 18	1 37	2 16	15 12	12 42	12 12	15 30	3 33	3 44
S 12	21 59	0n 1	3 28	16 44	4 41	16 25	4 24	21 21	0 13	4 3	1 22	18 5	2 0	23 8	0 22	5 18	1 37	2 16	15 12	12 41	12 13	15 29	3 33	3 44
M13	21 51	4 5	4 13	16 44	4 47	16 18	4 37	21 28	0 12	4 4	1 22	18 5	2 0	23 7	0 22	5 18	1 37	2 16	15 12	12 41	12 15	15 28	3 33	3 44
T 14	21 42	8 6	4 48	16 46	4 52	16 13	4 49	21 36	0 11	4 6	1 22	18 4	2 0	23 7	0 22	5 18	1 37	2 16	15 13	12 41	12 16	15 27	3 33	3 44
W15	21 32	11 50	5 8	16 49	4 55	16 7	5 2	21 43	0 11	4 7	1 22	18 4	2 0	23 7	0 22	5 18	1 37	2 16	15 13	12 42	12 17	15 26	3 33	3 44
T 16	21 23	15 5	5 12	16 54	4 56	16 2	5 13	21 50	0 10	4 8	1 23	18 4	2 0	23 6	0 22	5 18	1 37	2 16	15 13	12 43	12 18	15 25	3 33	3 45
F 17	21 13	17 35	4 58	17 0	4 55	15 58	5 24	21 56	0 9	4 9	1 23	18 4	1 59	23 6	0 22	5 18	1 37	2 16	15 13	12 45	12 19	15 24	3 33	3 45
S 18	21 2	19 3	4 24	17 7	4 53	15 53	5 35	22 3	0 8	4 10	1 23	18 4	1 59	23 6	0 22	5 18	1 37	2 16	15 14	12 46	12 20	15 23	3 33	3 45
S 19	20 52	19 14	3 32	17 16	4 49	15 50	5 45	22 9	0 7	4 11	1 24	18 4	1 59	23 5	0 22	5 18	1 38	2 16	15 14	12 48	12 21	15 21	3 32	3 45
M20	20 41	18 4	2 25	17 25	4 44	15 46	5 54	22 15	0 7	4 12	1 24	18 4	1 59	23 5	0 22	5 18	1 38	2 15	15 14	12 49	12 22	15 20	3 32	3 45
T 21	20 29	15 37	1 7	17 35	4 37	15 43	6 3	22 21	0 6	4 13	1 24	18 4	1 58	23 5	0 22	5 18	1 38	2 15	15 15	12 49	12 23	15 19	3 32	3 45
W22	20 17	12 6	0n15	17 46	4 29	15 41	6 11	22 27	0 5	4 13	1 24	18 4	1 58	23 4	0 22	5 18	1 38	2 15	15 15	12 49	12 24	15 18	3 32	3 45
T 23	20 5	7 52	1 36	17 58	4 19	15 39	6 18	22 32	0 4	4 14	1 25	18 4	1 58	23 4	0 22	5 18	1 38	2 15	15 15	12 49	12 25	15 17	3 31	3 45
F 24	19 53	3 17	2 48	18 10	4 8	15 37	6 24	22 38	0 4	4 15	1 25	18 4	1 58	23 3	0 22	5 18	1 38	2 15	15 15	12 49	12 27	15 16	3 31	3 46
S 25	19 40	1s23	3 48	18 22	3 57	15 36	6 30	22 43	0 3	4 15	1 25	18 4	1 57	23 3	0 22	5 18	1 38	2 15	15 16	12 48	12 28	15 15	3 31	3 46
S 26	19 27	5 49	4 33	18 34	3 44	15 35	6 35	22 47	0 2	4 15	1 26	18 4	1 57	23 3	0 22	5 18	1 38	2 15	15 16	12 48	12 29	15 14	3 30	3 46
M27	19 14	9 51	5 2	18 47	3 30	15 34	6 39	22 52	0 1	4 16	1 26	18 4	1 57	23 2	0 22	5 18	1 38	2 14	15 16	12 48	12 30	15 13	3 30	3 46
T 28	19 0	13 17	5 15	18 59	3 16	15 34	6 42	22 56	0 0	4 16	1 26	18 4	1 57	23 2	0 22	5 18	1 38	2 14	15 16	12 48	12 31	15 11	3 29	3 46
W29	18 46	16 2	5 12	19 11	3 1	15 34	6 45	23 1	0n 0	4 16	1 26	18 4	1 56	23 2	0 22	5 17	1 38	2 14	15 17	12 49	12 32	15 10	3 29	3 46
T 30	18 31	17 59	4 54	19 23	2 46	15 35	6 47	23 5	0 1	4 16	1 27	18 4	1 56	23 1	0 22	5 17	1 38	2 14	15 17	12 50	12 33	15 9	3 29	3 46
F 31	18n17	19s 4	4n23	19n34	2s30	15n36	6s49	23n 9	0n 2	4n16	1s27	18s 4	1n56	23n 1	0n22	5n17	1s38	2n14	15s17	12n51	12n34	15s 8	3n28	3n46

Julian Day Number = 2403514.5, Delta T = 4.22 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°54'14, Lahiri = 22°01'15

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ASTRODIENST EPHEMERIS for the year 1868
geocentric

AUGUST 1868 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 39 31	8♌57'31	11♉43	20♋ 6	16°R53	21♊ 6	14♈13	29°R 3	14♋42	17°R18	17♉ 0	26°R 0	26♌48	16♒ 4	29°R59	S 1
S 2	20 43 27	9°54'55	23°39	20°51	16♋39	21°46	14°14	29°D 3	14°46	17♈17	17° 1	25♌58	26°45	16°10	29♓58	S 2
M 3	20 47 24	10°52'21	5♒30	21°42	16°27	22°26	14°R14	29♏ 3	14°49	17°17	17° 1	25°56	26°42	16°17	29°57	M 3
T 4	20 51 21	11°49'48	17°19	22°39	16°18	23° 6	14°14	29° 3	14°52	17°16	17° 1	25°56	26°38	16°24	29°55	T 4
W 5	20 55 17	12°47'16	29° 6	23°42	16°11	23°46	14°14	29° 4	14°56	17°16	17° 2	25°D55	26°35	16°30	29°54	W 5
T 6	20 59 14	13°44'45	10♓56	24°51	16° 7	24°26	14°13	29° 4	14°59	17°15	17° 2	25°56	26°32	16°37	29°52	T 6
F 7	21 3 10	14°42'15	22°50	26° 6	16°D 5	25° 6	14°13	29° 4	15° 2	17°15	17° 2	25°57	26°29	16°44	29°50	F 7
S 8	21 7 7	15°39'46	4♈51	27°26	16° 5	25°46	14°12	29° 5	15° 6	17°14	17° 2	25°58	26°26	16°50	29°48	S 8
S 9	21 11 3	16°37'19	17° 4	28°51	16° 8	26°26	14°11	29° 5	15° 9	17°14	17° 2	25°59	26°23	16°57	29°47	S 9
M10	21 15 0	17°34'53	29°31	0♌21	16°12	27° 5	14° 9	29° 6	15°12	17°13	17° 3	25°59	26°19	17° 4	29°45	M10
T 11	21 18 56	18°32'28	12♉16	1°55	16°19	27°45	14° 8	29° 7	15°15	17°12	17° 3	26° 0	26°16	17°10	29°43	T 11
W12	21 22 53	19°30'05	25°23	3°34	16°29	28°25	14° 6	29° 8	15°18	17°12	17° 3	26°R 0	26°13	17°17	29°41	W12
T 13	21 26 49	20°27'44	8♊55	5°16	16°40	29° 4	14° 5	29° 9	15°22	17°11	17° 3	26° 0	26°10	17°23	29°39	T 13
F 14	21 30 46	21°25'24	22°52	7° 3	16°53	29°43	14° 3	29°10	15°25	17°10	17° 3	25°59	26° 7	17°30	29°37	F 14
S 15	21 34 43	22°23'06	7♋15	8°52	17° 9	0♋23	14° 0	29°11	15°28	17° 9	17° 3	25°59	26° 4	17°37	29°35	S 15
S 16	21 38 39	23°20'49	22° 0	10°44	17°26	1° 2	13°58	29°12	15°31	17° 9	17° 3	25°58	26° 0	17°43	29°33	S 16
M17	21 42 36	24°18'34	7♌ 2	12°38	17°45	1°41	13°55	29°14	15°34	17° 8	17°R 3	25°58	25°57	17°50	29°31	M17
T 18	21 46 32	25°16'20	22°12	14°34	18° 6	2°20	13°53	29°15	15°37	17° 7	17° 3	25°58	25°54	17°57	29°28	T 18
W19	21 50 29	26°14'07	7♍21	16°31	18°29	2°59	13°50	29°17	15°40	17° 6	17° 3	25°58	25°51	18° 3	29°26	W19
T 20	21 54 25	27°11'56	22°20	18°30	18°54	3°38	13°46	29°18	15°43	17° 5	17° 3	25°58	25°48	18°10	29°24	T 20
F 21	21 58 22	28° 9'46	7♎ 2	20°29	19°20	4°16	13°43	29°20	15°46	17° 4	17° 3	25°58	25°44	18°17	29°22	F 21
S 22	22 2 18	29° 7'38	21°20	22°29	19°48	4°55	13°39	29°22	15°49	17° 3	17° 3	25°58	25°41	18°23	29°20	S 22
S 23	22 6 15	0♍ 5'31	5♏12	24°29	20°17	5°34	13°36	29°24	15°51	17° 2	17° 3	25°57	25°38	18°30	29°17	S 23
M24	22 10 12	1° 3'25	18°38	26°29	20°47	6°12	13°32	29°26	15°54	17° 1	17° 2	25°57	25°35	18°37	29°15	M24
T 25	22 14 8	2° 1'20	1♐38	28°28	21°20	6°51	13°28	29°28	15°57	17° 0	17° 2	25°D57	25°32	18°43	29°12	T 25
W26	22 18 5	2°59'16	14°17	0♍27	21°53	7°29	13°23	29°30	16° 0	16°59	17° 2	25°57	25°29	18°50	29°10	W26
T 27	22 22 1	3°57'14	26°37	2°26	22°28	8° 7	13°19	29°32	16° 3	16°58	17° 2	25°58	25°25	18°57	29° 8	T 27
F 28	22 25 58	4°55'13	8♑44	4°23	23° 4	8°45	13°14	29°35	16° 5	16°57	17° 2	25°58	25°22	19° 3	29° 5	F 28
S 29	22 29 54	5°53'14	20°40	6°20	23°41	9°23	13° 9	29°37	16° 8	16°56	17° 1	25°59	25°19	19°10	29° 3	S 29
S 30	22 33 51	6°51'16	2♒31	8°15	24°19	10° 1	13° 5	29°40	16°10	16°55	17° 1	26° 0	25°16	19°16	29° 0	S 30
M31	22 37 47	7♍49'19	14♒18	10♍10	24♋59	10♋39	12♈59	29♏42	16♋13	16♈53	17♉ 1	26♌ 1	25♌13	19♒23	28♓58	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 2	19s16	3n41	19n44	2s15	15n37	6s49	23n12	0n 3	4n16	1s27	18s 5	1n56	23n 1	0n22	5n17	1s38	2n14	15s18	12n51	12n35	15s 7	3n28	3n46
S 2	17 46	18 36	2 49	19 53	1 59	15 38	6 50	23 16	0 4	4 16	1 28	18 5	1 56	23 0	0 22	5 17	1 38	2 13	15 18	12 52	12 36	15 6	3 27	3 47
M 3	17 31	17 7	1 51	20 1	1 43	15 40	6 49	23 19	0 5	4 16	1 28	18 5	1 55	23 0	0 22	5 16	1 38	2 13	15 18	12 53	12 37	15 5	3 27	3 47
T 4	17 15	14 54	0 48	20 7	1 27	15 42	6 48	23 22	0 5	4 16	1 28	18 5	1 55	22 59	0 22	5 16	1 38	2 13	15 18	12 53	12 39	15 3	3 26	3 47
W 5	16 59	12 4	0s18	20 12	1 11	15 44	6 47	23 25	0 6	4 15	1 28	18 6	1 55	22 59	0 22	5 16	1 39	2 13	15 19	12 53	12 40	15 2	3 26	3 47
T 6	16 43	8 44	1 22	20 15	0 56	15 46	6 45	23 27	0 7	4 15	1 29	18 6	1 55	22 59	0 22	5 16	1 39	2 13	15 19	12 53	12 41	15 1	3 25	3 47
F 7	16 26	5 3	2 24	20 16	0 41	15 49	6 43	23 30	0 8	4 14	1 29	18 6	1 54	22 58	0 22	5 15	1 39	2 12	15 19	12 53	12 42	15 0	3 24	3 47
S 8	16 9	1 8	3 20	20 15	0 26	15 52	6 40	23 32	0 9	4 14	1 29	18 7	1 54	22 58	0 22	5 15	1 39	2 12	15 20	12 52	12 43	14 59	3 24	3 47
S 9	15 52	2n54	4 8	20 12	0 12	15 54	6 37	23 34	0 10	4 13	1 30	18 7	1 54	22 58	0 22	5 15	1 39	2 12	15 20	12 52	12 44	14 58	3 23	3 47
M10	15 34	6 52	4 45	20 6	0n 1	15 57	6 34	23 36	0 10	4 12	1 30	18 7	1 54	22 57	0 22	5 15	1 39	2 12	15 20	12 52	12 45	14 56	3 22	3 47
T 11	15 17	10 37	5 9	19 58	0 14	16 0	6 30	23 37	0 11	4 12	1 30	18 8	1 53	22 57	0 22	5 14	1 39	2 11	15 21	12 52	12 46	14 55	3 22	3 47
W12	14 59	13 58	5 18	19 47	0 26	16 3	6 26	23 39	0 12	4 11	1 30	18 8	1 53	22 57	0 22	5 14	1 39	2 11	15 21	12 52	12 47	14 54	3 21	3 47
T 13	14 41	16 42	5 10	19 34	0 37	16 6	6 21	23 40	0 13	4 10	1 31	18 9	1 53	22 56	0 22	5 14	1 39	2 11	15 21	12 52	12 48	14 53	3 20	3 48
F 14	14 22	18 32	4 44	19 18	0 48	16 9	6 17	23 41	0 14	4 9	1 31	18 9	1 53	22 56	0 22	5 13	1 39	2 11	15 21	12 52	12 49	14 52	3 20	3 48
S 15	14 4	19 16	3 59	18 59	0 58	16 12	6 12	23 42	0 15	4 8	1 31	18 10	1 52	22 56	0 22	5 13	1 39	2 10	15 22	12 52	12 50	14 51	3 19	3 48
S 16	13 45	18 44	2 58	18 37	1 6	16 15	6 7	23 43	0 16	4 6	1 31	18 10	1 52	22 55	0 22	5 13	1 39	2 10	15 22	12 52	12 51	14 49	3 18	3 48
M17	13 26	16 52	1 43	18 13	1 14	16 18	6 1	23 43	0 16	4 5	1 32	18 11	1 52	22 55	0 22	5 12	1 39	2 10	15 22	12 52	12 53	14 48	3 17	3 48
T 18	13 6	13 47	0 21	17 46	1 21	16 21	5 56	23 43	0 17	4 4	1 32	18 11	1 52	22 55	0 22	5 12	1 39	2 9	15 23	12 52	12 54	14 47	3 16	3 48
W19	12 47	9 47	1n 3	17 17	1 27	16 24	5 50	23 43	0 18	4 2	1 32	18 12	1 51	22 54	0 22	5 12	1 39	2 9	15 23	12 52	12 55	14 46	3 16	3 48
T 20	12 27	5 12	2 22	16 46	1 33	16 26	5 44	23 43	0 19	4 1	1 33	18 12	1 51	22 54	0 23	5 11	1 39	2 9	15 23	12 52	12 56	14 45	3 15	3 48
F 21	12 7	0 25	3 29	16 12	1 37	16 29	5 38	23 43	0 20	3 59	1 33	18 13	1 51	22 54	0 23	5 11	1 39	2 9	15 23	12 52	12 57	14 43	3 14	3 48
S 22	11 47	4s17	4 22	15 37	1 40	16 31	5 32	23 43	0 21	3 58	1 33	18 14	1 51	22 53	0 23	5 10	1 39	2 8	15 24	12 52	12 58	14 42	3 13	3 48
S 23	11 27	8 35	4 57	14 59	1 43	16 33	5 26	23 42	0 22	3 56	1 33	18 14	1 50	22 53	0 23	5 10	1 39	2 8	15 24	12 53	12 59	14 41	3 12	3 48
M24	11 6	12 19	5 15	14 20	1 45	16 35	5 20	23 41	0 23	3 54	1 33	18 15	1 50	22 53	0 23	5 9	1 40	2 8	15 24	12 53	13 0	14 40	3 11	3 48
T 25	10 46	15 20	5 16	13 40	1 46	16 36	5 13	23 40	0 24	3 53	1 34	18 15	1 50	22 52	0 23	5 9	1 40	2 7	15 25	12 53	13 1	14 39	3 10	3 48
W26	10 25	17 32	5 2	12 59	1 46	16 38	5 7	23 39	0 25	3 51	1 34	18 16	1 50	22 52	0 23	5 9	1 40	2 7	15 25	12 53	13 2	14 37	3 9	3 48
T 27	10 4	18 51	4 34	12 16	1 46	16 39	5 0	23 38	0 25	3 49	1 34	18 17	1 49	22 52	0 23	5 8	1 40	2 7	15 25	12 52	13 3	14 36	3 8	3 48
F 28	9 43	19 17	3 54	11 32	1 45	16 40	4 53	23 36	0 26	3 47	1 34	18 18	1 49	22 52	0 23	5 8	1 40	2 6	15 25	12 52	13 4	14 35	3 8	3 48
S 29	9 21	18 50	3 4	10 48	1 43	16 40	4 47	23 34	0 27	3 45	1 35	18 18	1 49	22 51	0 23	5 7	1 40	2 6	15 26	12 52	13 5	14 34	3 7	3 48
S 30	9 0	17 33	2 7	10 3	1 41	16 40	4 40	23 33	0 28	3 43	1 35	18 19	1 49	22 51	0 23	5 7	1 40	2 6	15 26	12 52	13 6	14 32	3 6	3 48
M31	8n38	15s31	1n 5	9n17	1n39	16n40	4s33	23n31	0n29	3n40	1s35	18s20	1n49	22n51	0n23	5n 6	1s40	2n 5	15s26	12n51	13n 8	14s31	3n 5	3n48

Julian Day Number = 2403545.5, Delta T = 4.10 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°54'18, Lahiri = 22°01'19

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ASTRODIENST EPHEMERIS for the year 1868
geocentric

SEPTEMBER 1868 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 41 44	8♍47'25	26♒ 6	12♍ 3	25♋40	11♋17	12°R54	29♏45	16♋16	16°R52	17°R 1	26°R 1	25♌10	19♒30	28°R55	T 1
W 2	22 45 41	9°45'31	7♓57	13°56	26°22	11°54	12♈49	29°48	16°18	16♈51	17♉ 0	26♌ 1	25° 6	19°36	28♓53	W 2
T 3	22 49 37	10°43'40	19°53	15°47	27° 4	12°32	12°43	29°51	16°21	16°50	17° 0	26° 0	25° 3	19°43	28°50	T 3
F 4	22 53 34	11°41'50	1♈56	17°37	27°48	13° 9	12°37	29°54	16°23	16°48	16°59	25°58	25° 0	19°50	28°47	F 4
S 5	22 57 30	12°40'02	14° 8	19°26	28°33	13°47	12°31	29°57	16°25	16°47	16°59	25°56	24°57	19°56	28°45	S 5
S 6	23 1 27	13°38'15	26°31	21°13	29°18	14°24	12°25	0♐ 0	16°28	16°46	16°59	25°53	24°54	20° 3	28°42	S 6
M 7	23 5 23	14°36'31	9♉ 7	23° 0	0♌ 5	15° 1	12°19	0° 3	16°30	16°44	16°58	25°51	24°50	20°10	28°39	M 7
T 8	23 9 20	15°34'49	21°58	24°45	0°52	15°38	12°13	0° 7	16°32	16°43	16°58	25°48	24°47	20°16	28°37	T 8
W 9	23 13 16	16°33'09	5♊ 6	26°29	1°41	16°15	12° 6	0°10	16°35	16°42	16°57	25°47	24°44	20°23	28°34	W 9
T 10	23 17 13	17°31'31	18°32	28°12	2°30	16°52	12° 0	0°14	16°37	16°40	16°57	25°D47	24°41	20°30	28°31	T 10
F 11	23 21 10	18°29'56	2♋20	29°54	3°19	17°29	11°53	0°17	16°39	16°39	16°56	25°47	24°38	20°36	28°29	F 11
S 12	23 25 6	19°28'22	16°28	1♎35	4°10	18° 6	11°46	0°21	16°41	16°37	16°56	25°48	24°35	20°43	28°26	S 12
S 13	23 29 3	20°26'51	0♌56	3°15	5° 1	18°42	11°39	0°25	16°43	16°36	16°55	25°50	24°31	20°49	28°23	S 13
M14	23 32 59	21°25'22	15°40	4°54	5°53	19°19	11°32	0°29	16°45	16°34	16°55	25°51	24°28	20°56	28°20	M14
T 15	23 36 56	22°23'55	0♍36	6°31	6°46	19°55	11°25	0°33	16°47	16°33	16°54	25°R51	24°25	21° 3	28°18	T 15
W16	23 40 52	23°22'30	15°37	8° 8	7°39	20°31	11°18	0°37	16°49	16°32	16°54	25°50	24°22	21° 9	28°15	W16
T 17	23 44 49	24°21'07	0♎32	9°44	8°33	21° 7	11°11	0°41	16°51	16°30	16°53	25°47	24°19	21°16	28°12	T 17
F 18	23 48 45	25°19'45	15°15	11°18	9°27	21°43	11° 3	0°45	16°53	16°28	16°52	25°44	24°15	21°23	28° 9	F 18
S 19	23 52 42	26°18'26	29°39	12°52	10°22	22°19	10°56	0°49	16°54	16°27	16°52	25°39	24°12	21°29	28° 6	S 19
S 20	23 56 38	27°17'08	13♏37	14°24	11°18	22°55	10°48	0°53	16°56	16°25	16°51	25°35	24° 9	21°36	28° 4	S 20
M21	0 0 35	28°15'52	27° 9	15°56	12°14	23°31	10°40	0°58	16°58	16°24	16°50	25°31	24° 6	21°43	28° 1	M21
T 22	0 4 32	29°14'38	10♐14	17°27	13°11	24° 6	10°33	1° 2	17° 0	16°22	16°50	25°28	24° 3	21°49	27°58	T 22
W23	0 8 28	0♎13'26	22°55	18°56	14° 8	24°42	10°25	1° 7	17° 1	16°21	16°49	25°26	24° 0	21°56	27°55	W23
T 24	0 12 25	1°12'15	5♑15	20°25	15° 5	25°17	10°17	1°11	17° 3	16°19	16°48	25°D26	23°56	22° 3	27°53	T 24
F 25	0 16 21	2°11'07	17°20	21°53	16° 4	25°52	10° 9	1°16	17° 4	16°17	16°47	25°27	23°53	22° 9	27°50	F 25
S 26	0 20 18	3° 9'59	29°14	23°19	17° 2	26°27	10° 1	1°21	17° 6	16°16	16°47	25°28	23°50	22°16	27°47	S 26
S 27	0 24 14	4° 8'54	11♒ 3	24°45	18° 1	27° 2	9°53	1°26	17° 7	16°14	16°46	25°30	23°47	22°22	27°44	S 27
M28	0 28 11	5° 7'51	22°50	26°10	19° 1	27°37	9°45	1°31	17° 8	16°13	16°45	25°R31	23°44	22°29	27°41	M28
T 29	0 32 7	6° 6'49	4♓40	27°33	20° 1	28°12	9°37	1°35	17°10	16°11	16°44	25°30	23°41	22°36	27°39	T 29
W30	0 36 4	7♎ 5'49	16♓37	28♎56	21♌ 1	28♋46	9♈29	1♐40	17♋11	16♈ 9	16♉44	25♌28	23♌37	22♒42	27♓36	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n17	12s50	0s 0	8n31	1n35	16n40	4s26	23n28	0n30	3n38	1s35	18s21	1n48	22n50	0n23	5n 6	1s40	2n 5	15s27	12n51	13n 9	14s30	3n 4	3n48
W 2	7 55	9 36	1 6	7 44	1 32	16 39	4 19	23 26	0 31	3 36	1 35	18 22	1 48	22 50	0 23	5 5	1 40	2 5	15 27	12 51	13 10	14 29	3 3	3 48
T 3	7 33	5 59	2 8	6 57	1 28	16 38	4 13	23 24	0 32	3 33	1 36	18 22	1 48	22 50	0 23	5 5	1 40	2 4	15 27	12 52	13 11	14 27	3 2	3 48
F 4	7 11	2 4	3 6	6 10	1 23	16 36	4 6	23 21	0 33	3 31	1 36	18 23	1 48	22 50	0 23	5 4	1 40	2 4	15 27	12 52	13 12	14 26	3 0	3 48
S 5	6 49	1n57	3 56	5 23	1 18	16 34	3 59	23 18	0 34	3 29	1 36	18 24	1 47	22 49	0 23	5 4	1 40	2 4	15 28	12 53	13 13	14 25	2 59	3 48
S 6	6 26	5 57	4 35	4 36	1 13	16 32	3 52	23 15	0 35	3 26	1 36	18 25	1 47	22 49	0 23	5 3	1 40	2 3	15 28	12 54	13 14	14 24	2 58	3 48
M 7	6 4	9 46	5 2	3 49	1 8	16 29	3 45	23 12	0 36	3 24	1 36	18 26	1 47	22 49	0 23	5 3	1 40	2 3	15 28	12 55	13 15	14 22	2 57	3 48
T 8	5 41	13 12	5 15	3 2	1 2	16 26	3 38	23 9	0 37	3 21	1 37	18 27	1 47	22 49	0 23	5 2	1 40	2 2	15 28	12 56	13 16	14 21	2 56	3 48
W 9	5 19	16 3	5 11	2 15	0 56	16 22	3 31	23 5	0 38	3 18	1 37	18 28	1 47	22 48	0 23	5 1	1 40	2 2	15 29	12 56	13 17	14 20	2 55	3 48
T 10	4 56	18 7	4 51	1 29	0 50	16 18	3 24	23 2	0 39	3 16	1 37	18 29	1 46	22 48	0 23	5 1	1 40	2 2	15 29	12 56	13 18	14 19	2 54	3 48
F 11	4 33	19 12	4 14	0 42	0 44	16 14	3 17	22 58	0 40	3 13	1 37	18 30	1 46	22 48	0 23	5 0	1 40	2 1	15 29	12 56	13 19	14 17	2 53	3 48
S 12	4 10	19 7	3 20	0s 4	0 37	16 9	3 10	22 54	0 41	3 10	1 37	18 31	1 46	22 48	0 23	5 0	1 40	2 1	15 29	12 56	13 20	14 16	2 52	3 48
S 13	3 47	17 48	2 13	0 50	0 30	16 3	3 3	22 50	0 42	3 7	1 37	18 32	1 46	22 47	0 23	4 59	1 40	2 1	15 30	12 55	13 21	14 15	2 51	3 48
M14	3 24	15 16	0 56	1 35	0 24	15 57	2 57	22 46	0 43	3 4	1 37	18 33	1 45	22 47	0 23	4 59	1 40	2 0	15 30	12 55	13 22	14 14	2 50	3 48
T 15	3 1	11 40	0n26	2 20	0 17	15 51	2 50	22 42	0 44	3 1	1 38	18 34	1 45	22 47	0 23	4 58	1 40	2 0	15 30	12 55	13 23	14 12	2 48	3 48
W16	2 38	7 19	1 47	3 5	0 9	15 44	2 43	22 37	0 45	2 58	1 38	18 35	1 45	22 47	0 23	4 57	1 40	1 59	15 30	12 55	13 25	14 11	2 47	3 48
T 17	2 15	2 31	2 59	3 49	0 2	15 37	2 36	22 33	0 46	2 55	1 38	18 36	1 45	22 47	0 23	4 57	1 40	1 59	15 31	12 56	13 26	14 10	2 46	3 48
F 18	1 51	2s21	3 59	4 33	0s 5	15 29	2 30	22 28	0 47	2 52	1 38	18 37	1 45	22 46	0 23	4 56	1 40	1 59	15 31	12 57	13 27	14 8	2 45	3 48
S 19	1 28	6 58	4 41	5 16	0 12	15 21	2 23	22 23	0 48	2 49	1 38	18 38	1 44	22 46	0 23	4 56	1 40	1 58	15 31	12 59	13 28	14 7	2 44	3 48
S 20	1 5	11 4	5 6	5 59	0 20	15 13	2 16	22 18	0 49	2 46	1 38	18 39	1 44	22 46	0 23	4 55	1 40	1 58	15 31	13 0	13 29	14 6	2 43	3 48
M21	0 41	14 27	5 13	6 42	0 27	15 4	2 10	22 13	0 50	2 43	1 38	18 40	1 44	22 46	0 23	4 54	1 40	1 58	15 32	13 2	13 30	14 4	2 41	3 48
T 22	0 18	17 0	5 3	7 23	0 35	14 54	2 3	22 8	0 51	2 40	1 38	18 41	1 44	22 46	0 23	4 54	1 41	1 57	15 32	13 3	13 31	14 3	2 40	3 48
W23	0s 5	18 38	4 38	8 5	0 42	14 44	1 57	22 3	0 52	2 37	1 38	18 42	1 44	22 45	0 23	4 53	1 41	1 57	15 32	13 3	13 32	14 2	2 39	3 47
T 24	0 29	19 21	4 1	8 45	0 50	14 33	1 51	21 57	0 53	2 34	1 38	18 43	1 43	22 45	0 23	4 52	1 41	1 56	15 32	13 3	13 33	14 1	2 38	3 47
F 25	0 52	19 8	3 13	9 25	0 57	14 23	1 44	21 52	0 54	2 31	1 38	18 44	1 43	22 45	0 23	4 52	1 41	1 56	15 32	13 3	13 34	13 59	2 37	3 47
S 26	1 16	18 4	2 18	10 4	1 5	14 11	1 38	21 46	0 55	2 28	1 38	18 46	1 43	22 45	0 23	4 51	1 41	1 56	15 33	13 2	13 35	13 58	2 36	3 47
S 27	1 39	16 13	1 18	10 43	1 12	13 59	1 32	21 41	0 56	2 24	1 39	18 47	1 43	22 45	0 23	4 50	1 41	1 55	15 33	13 2	13 36	13 57	2 34	3 47
M28	2 2	13 41	0 15	11 21	1 20	13 47	1 25	21 35	0 57	2 21	1 39	18 48	1 43	22 45	0 24	4 50	1 41	1 55	15 33	13 1	13 37	13 55	2 33	3 47
T 29	2 26	10 34	0s50	11 58	1 27	13 34	1 19	21 29	0 58	2 18	1 39	18 49	1 43	22 44	0 24	4 49	1 41	1 54	15 33	13 2	13 38	13 54	2 32	3 47
W30	2s49	7s 1	1s52	12s34	1s34	13n21	1s13	21n23	0n59	2n15	1s39	18s50	1n42	22n44	0n24	4n49	1s41	1n54	15s33	13n 2	13n39	13s53	2n31	3n47

Julian Day Number = 2403576.5, Delta T = 3.99 sec
Ecliptic obliquity = 23°27'16, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°54'23, Lahiri = 22°01'23

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ASTRODIENST EPHEMERIS for the year 1868
geocentric

OCTOBER 1868 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 40 1	8♎ 4'51	28♓42	0♏17	22♌ 2	29♋21	9°R21	1♐46	17♋12	16°R 8	16°R43	25°R24	23♌34	22♒49	27°R33	T 1
F 2	0 43 57	9° 3'55	10♈58	1°37	23° 3	29°55	9♈13	1°51	17°13	16♈ 6	16♉42	25♌18	23°31	22°56	27♓31	F 2
S 3	0 47 54	10° 3'01	23°26	2°56	24° 4	0♌29	9° 5	1°56	17°14	16° 4	16°41	25°10	23°28	23° 2	27°28	S 3
S 4	0 51 50	11° 2'09	6♉ 7	4°14	25° 6	1° 3	8°57	2° 1	17°16	16° 3	16°40	25° 2	23°25	23° 9	27°25	S 4
M 5	0 55 47	12° 1'20	18°59	5°30	26° 8	1°37	8°49	2° 7	17°17	16° 1	16°39	24°54	23°21	23°16	27°22	M 5
T 6	0 59 43	13° 0'32	2♊ 5	6°45	27°11	2°11	8°41	2°12	17°17	15°59	16°38	24°46	23°18	23°22	27°20	T 6
W 7	1 3 40	13°59'47	15°23	7°59	28°14	2°44	8°33	2°17	17°18	15°58	16°37	24°41	23°15	23°29	27°17	W 7
T 8	1 7 36	14°59'05	28°54	9°10	29°17	3°18	8°25	2°23	17°19	15°56	16°36	24°38	23°12	23°36	27°15	T 8
F 9	1 11 33	15°58'25	12♋38	10°21	0♍21	3°51	8°17	2°28	17°20	15°54	16°36	24°D36	23° 9	23°42	27°12	F 9
S 10	1 15 30	16°57'47	26°36	11°29	1°25	4°24	8° 9	2°34	17°21	15°53	16°35	24°37	23° 6	23°49	27° 9	S 10
S 11	1 19 26	17°57'11	10♌47	12°35	2°29	4°58	8° 1	2°40	17°21	15°51	16°34	24°38	23° 2	23°56	27° 7	S 11
M12	1 23 23	18°56'38	25°10	13°39	3°33	5°30	7°53	2°45	17°22	15°49	16°33	24°R38	22°59	24° 2	27° 4	M12
T 13	1 27 19	19°56'07	9♍43	14°41	4°38	6° 3	7°45	2°51	17°23	15°48	16°32	24°37	22°56	24° 9	27° 2	T 13
W14	1 31 16	20°55'38	24°21	15°39	5°43	6°36	7°38	2°57	17°23	15°46	16°31	24°34	22°53	24°15	26°59	W14
T 15	1 35 12	21°55'11	8♎58	16°36	6°48	7° 8	7°30	3° 3	17°24	15°44	16°30	24°28	22°50	24°22	26°57	T 15
F 16	1 39 9	22°54'47	23°27	17°28	7°54	7°40	7°23	3° 9	17°24	15°43	16°29	24°20	22°46	24°29	26°54	F 16
S 17	1 43 5	23°54'24	7♏43	18°18	9° 0	8°12	7°15	3°15	17°24	15°41	16°28	24°10	22°43	24°35	26°52	S 17
S 18	1 47 2	24°54'04	21°38	19° 3	10° 6	8°44	7° 8	3°21	17°25	15°39	16°27	24° 0	22°40	24°42	26°50	S 18
M19	1 50 58	25°53'45	5♐10	19°45	11°12	9°16	7° 1	3°27	17°25	15°38	16°26	23°51	22°37	24°49	26°47	M19
T 20	1 54 55	26°53'28	18°16	20°21	12°19	9°48	6°53	3°33	17°25	15°36	16°25	23°43	22°34	24°55	26°45	T 20
W21	1 58 52	27°53'13	0♑59	20°53	13°26	10°19	6°46	3°39	17°25	15°34	16°24	23°37	22°31	25° 2	26°43	W21
T 22	2 2 48	28°53'00	13°21	21°18	14°33	10°50	6°40	3°46	17°25	15°33	16°22	23°33	22°27	25° 9	26°40	T 22
F 23	2 6 45	29°52'48	25°27	21°38	15°40	11°21	6°33	3°52	17°R25	15°31	16°21	23°D32	22°24	25°15	26°38	F 23
S 24	2 10 41	0♏52'39	7♒21	21°50	16°47	11°52	6°26	3°58	17°25	15°30	16°20	23°32	22°21	25°22	26°36	S 24
S 25	2 14 38	1°52'30	19°10	21°R56	17°55	12°23	6°20	4° 5	17°25	15°28	16°19	23°R33	22°18	25°29	26°34	S 25
M26	2 18 34	2°52'24	0♓58	21°53	19° 3	12°53	6°13	4°11	17°25	15°26	16°18	23°32	22°15	25°35	26°32	M26
T 27	2 22 31	3°52'19	12°50	21°41	20°11	13°23	6° 7	4°17	17°25	15°25	16°17	23°31	22°12	25°42	26°30	T 27
W28	2 26 27	4°52'16	24°52	21°21	21°19	13°53	6° 1	4°24	17°25	15°23	16°16	23°26	22° 8	25°48	26°28	W28
T 29	2 30 24	5°52'14	7♈ 6	20°51	22°28	14°23	5°55	4°30	17°25	15°22	16°15	23°19	22° 5	25°55	26°26	T 29
F 30	2 34 21	6°52'14	19°35	20°11	23°36	14°53	5°49	4°37	17°24	15°20	16°14	23°10	22° 2	26° 2	26°24	F 30
S 31	2 38 17	7♏52'17	2♉21	19♏23	24♍45	15♌22	5♈43	4♐44	17♋24	15♈19	16♉13	22♌58	21♌59	26♒ 8	26♓22	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s12	3s 7	2s50	13s 9	1s41	13n 7	1s 7	21n17	1n 0	2n12	1s39	18s52	1n42	22n44	0n24	4n48	1s41	1n54	15s34	13n 4	13n40	13s51	2n30	3n47
F 2	3 36	0n57	3 41	13 44	1 48	12 53	1 1	21 11	1 1	2 9	1 39	18 53	1 42	22 44	0 24	4 47	1 41	1 53	15 34	13 6	13 41	13 50	2 28	3 47
S 3	3 59	5 3	4 22	14 18	1 55	12 38	0 56	21 4	1 2	2 5	1 39	18 54	1 42	22 44	0 24	4 47	1 41	1 53	15 34	13 8	13 42	13 49	2 27	3 46
S 4	4 22	8 59	4 51	14 51	2 2	12 23	0 50	20 58	1 3	2 2	1 39	18 55	1 42	22 44	0 24	4 46	1 41	1 52	15 34	13 11	13 43	13 47	2 26	3 46
M 5	4 45	12 34	5 6	15 23	2 8	12 7	0 44	20 52	1 4	1 59	1 39	18 56	1 41	22 44	0 24	4 45	1 41	1 52	15 34	13 14	13 45	13 46	2 25	3 46
T 6	5 8	15 36	5 5	15 54	2 15	11 51	0 39	20 45	1 6	1 56	1 39	18 58	1 41	22 44	0 24	4 45	1 41	1 52	15 34	13 16	13 46	13 45	2 24	3 46
W 7	5 31	17 53	4 48	16 24	2 21	11 35	0 33	20 39	1 7	1 53	1 38	18 59	1 41	22 44	0 24	4 44	1 41	1 51	15 35	13 18	13 47	13 43	2 23	3 46
T 8	5 54	19 12	4 15	16 53	2 27	11 18	0 28	20 32	1 8	1 50	1 38	19 0	1 41	22 44	0 24	4 43	1 41	1 51	15 35	13 19	13 48	13 42	2 21	3 46
F 9	6 17	19 26	3 26	17 21	2 32	11 1	0 22	20 25	1 9	1 47	1 38	19 1	1 41	22 43	0 24	4 43	1 41	1 50	15 35	13 20	13 49	13 41	2 20	3 46
S 10	6 40	18 29	2 25	17 47	2 38	10 43	0 17	20 18	1 10	1 44	1 38	19 3	1 41	22 43	0 24	4 42	1 41	1 50	15 35	13 20	13 50	13 39	2 19	3 46
S 11	7 3	16 21	1 14	18 13	2 43	10 25	0 12	20 11	1 11	1 41	1 38	19 4	1 40	22 43	0 24	4 41	1 41	1 50	15 35	13 19	13 51	13 38	2 18	3 45
M12	7 25	13 11	0n 3	18 37	2 48	10 6	0 7	20 5	1 12	1 38	1 38	19 5	1 40	22 43	0 24	4 41	1 41	1 49	15 35	13 19	13 52	13 36	2 17	3 45
T 13	7 48	9 10	1 20	18 59	2 52	9 48	0 2	19 58	1 14	1 35	1 38	19 6	1 40	22 43	0 24	4 40	1 41	1 49	15 35	13 19	13 53	13 35	2 16	3 45
W14	8 10	4 35	2 32	19 21	2 56	9 28	0n 3	19 51	1 15	1 32	1 38	19 8	1 40	22 43	0 24	4 40	1 41	1 49	15 35	13 21	13 54	13 34	2 15	3 45
T 15	8 33	0s16	3 34	19 40	2 59	9 9	0 8	19 43	1 16	1 29	1 38	19 9	1 40	22 43	0 24	4 39	1 41	1 48	15 36	13 22	13 55	13 32	2 13	3 45
F 16	8 55	5 3	4 22	19 58	3 2	8 49	0 13	19 36	1 17	1 26	1 38	19 10	1 40	22 43	0 24	4 38	1 41	1 48	15 36	13 25	13 56	13 31	2 12	3 45
S 17	9 17	9 29	4 52	20 15	3 5	8 28	0 18	19 29	1 18	1 23	1 38	19 11	1 40	22 43	0 24	4 38	1 41	1 47	15 36	13 28	13 57	13 30	2 11	3 44
S 18	9 39	13 17	5 4	20 29	3 6	8 8	0 22	19 22	1 20	1 20	1 38	19 13	1 39	22 43	0 24	4 37	1 41	1 47	15 36	13 32	13 58	13 28	2 10	3 44
M19	10 1	16 17	4 59	20 41	3 8	7 47	0 27	19 15	1 21	1 18	1 37	19 14	1 39	22 43	0 24	4 36	1 41	1 47	15 36	13 35	13 59	13 27	2 9	3 44
T 20	10 22	18 20	4 37	20 52	3 8	7 25	0 31	19 7	1 22	1 15	1 37	19 15	1 39	22 43	0 24	4 36	1 41	1 46	15 36	13 38	14 0	13 25	2 8	3 44
W21	10 44	19 24	4 3	21 0	3 7	7 4	0 35	19 0	1 23	1 12	1 37	19 17	1 39	22 43	0 24	4 35	1 41	1 46	15 36	13 39	14 1	13 24	2 7	3 44
T 22	11 5	19 31	3 17	21 5	3 6	6 42	0 40	18 53	1 24	1 10	1 37	19 18	1 39	22 43	0 24	4 35	1 41	1 46	15 36	13 41	14 2	13 23	2 6	3 44
F 23	11 26	18 42	2 24	21 8	3 3	6 20	0 44	18 45	1 26	1 7	1 37	19 19	1 39	22 43	0 24	4 34	1 41	1 45	15 36	13 41	14 3	13 21	2 5	3 43
S 24	11 47	17 4	1 25	21 7	2 59	5 57	0 48	18 38	1 27	1 5	1 37	19 21	1 39	22 43	0 24	4 33	1 41	1 45	15 36	13 41	14 4	13 20	2 4	3 43
S 25	12 8	14 43	0 23	21 4	2 54	5 34	0 52	18 31	1 28	1 2	1 36	19 22	1 38	22 43	0 24	4 33	1 41	1 45	15 36	13 41	14 5	13 18	2 3	3 43
M26	12 29	11 45	0s39	20 57	2 48	5 11	0 55	18 23	1 30	1 0	1 36	19 23	1 38	22 43	0 24	4 32	1 41	1 44	15 37	13 41	14 6	13 17	2 2	3 43
T 27	12 49	8 18	1 41	20 46	2 40	4 48	0 59	18 16	1 31	0 58	1 36	19 24	1 38	22 43	0 24	4 31	1 41	1 44	15 37	13 42	14 7	13 16	2 1	3 43
W28	13 9	4 28	2 38	20 32	2 31	4 24	1 3	18 8	1 32	0 55	1 36	19 26	1 38	22 43	0 24	4 31	1 41	1 44	15 37	13 43	14 8	13 14	2 0	3 42
T 29	13 29	0 23	3 30	20 13	2 19	4 0	1 6	18 1	1 33	0 53	1 36	19 27	1 38	22 43	0 24	4 30	1 41	1 43	15 37	13 45	14 9	13 13	1 59	3 42
F 30	13 49	3n47	4 12	19 50	2 7	3 36	1 10	17 54	1 35	0 51	1 36	19 28	1 38	22 44	0 24	4 30	1 41	1 43	15 37	13 48	14 10	13 11	1 58	3 42
S 31	14s 9	7n53	4s42	19s23	1s52	3n12	1n13	17n46	1n36	0n49	1s35	19s30	1n38	22n44	0n24	4n29	1s41	1n43	15s37	13n52	14n11	13s10	1n57	3n42

Julian Day Number = 2403606.5, Delta T = 3.88 sec
Ecliptic obliquity = 23°27'16, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°54'27, Lahiri = 22°01'27

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ASTRODIENST EPHEMERIS for the year 1868
geocentric

NOVEMBER 1868 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 42 14	8♏52'21	15♉22	18°R25	25♍54	15♌51	5°R38	4♐50	17°R23	15°R17	16°R12	22°R45	21♌56	26♒15	26°R20	S 1
M 2	2 46 10	9°52'26	28°38	17♏20	27° 3	16°20	5♈32	4°57	17♋23	15♈16	16♉10	22♌33	21°52	26°22	26♓18	M 2
T 3	2 50 7	10°52'34	12♊ 7	16° 8	28°13	16°49	5°27	5° 4	17°22	15°14	16° 9	22°21	21°49	26°28	26°16	T 3
W 4	2 54 3	11°52'44	25°46	14°52	29°22	17°18	5°22	5°10	17°22	15°13	16° 8	22°12	21°46	26°35	26°15	W 4
T 5	2 58 0	12°52'56	9♋32	13°33	0♎32	17°46	5°17	5°17	17°21	15°11	16° 7	22° 6	21°43	26°42	26°13	T 5
F 6	3 1 56	13°53'10	23°26	12°14	1°42	18°14	5°12	5°24	17°20	15°10	16° 6	22° 2	21°40	26°48	26°11	F 6
S 7	3 5 53	14°53'26	7♌24	10°58	2°52	18°42	5° 8	5°31	17°20	15° 8	16° 5	22° 1	21°37	26°55	26°10	S 7
S 8	3 9 50	15°53'44	21°28	9°46	4° 2	19° 9	5° 4	5°37	17°19	15° 7	16° 4	22° 1	21°33	27° 2	26° 8	S 8
M 9	3 13 46	16°54'04	5♍35	8°42	5°12	19°37	4°59	5°44	17°18	15° 6	16° 3	22° 1	21°30	27° 8	26° 7	M 9
T 10	3 17 43	17°54'26	19°46	7°47	6°23	20° 4	4°55	5°51	17°17	15° 4	16° 1	21°59	21°27	27°15	26° 5	T 10
W11	3 21 39	18°54'50	3♎59	7° 2	7°33	20°31	4°52	5°58	17°16	15° 3	16° 0	21°54	21°24	27°21	26° 4	W11
T 12	3 25 36	19°55'15	18° 9	6°28	8°44	20°57	4°48	6° 5	17°15	15° 2	15°59	21°47	21°21	27°28	26° 2	T 12
F 13	3 29 32	20°55'43	2♏14	6° 7	9°55	21°23	4°45	6°12	17°14	15° 0	15°58	21°36	21°18	27°35	26° 1	F 13
S 14	3 33 29	21°56'12	16° 9	5°D56	11° 6	21°49	4°41	6°19	17°13	14°59	15°57	21°24	21°14	27°41	26° 0	S 14
S 15	3 37 25	22°56'43	29°48	5°58	12°17	22°15	4°38	6°26	17°12	14°58	15°56	21°11	21°11	27°48	25°58	S 15
M16	3 41 22	23°57'16	13♐ 9	6° 9	13°28	22°41	4°36	6°33	17°10	14°57	15°55	20°58	21° 8	27°55	25°57	M16
T 17	3 45 19	24°57'50	26° 9	6°31	14°40	23° 6	4°33	6°40	17° 9	14°55	15°54	20°47	21° 5	28° 1	25°56	T 17
W18	3 49 15	25°58'25	8♑49	7° 2	15°51	23°30	4°31	6°47	17° 8	14°54	15°52	20°38	21° 2	28° 8	25°55	W18
T 19	3 53 12	26°59'02	21°10	7°41	17° 3	23°55	4°28	6°54	17° 7	14°53	15°51	20°33	20°58	28°15	25°54	T 19
F 20	3 57 8	27°59'40	3♒16	8°27	18°14	24°19	4°26	7° 1	17° 5	14°52	15°50	20°30	20°55	28°21	25°53	F 20
S 21	4 1 5	29° 0'19	15°10	9°20	19°26	24°43	4°25	7° 8	17° 4	14°51	15°49	20°29	20°52	28°28	25°52	S 21
S 22	4 5 1	0♐ 0'59	26°58	10°19	20°38	25° 7	4°23	7°15	17° 2	14°50	15°48	20°29	20°49	28°35	25°51	S 22
M23	4 8 58	1° 1'40	8♓46	11°22	21°50	25°30	4°22	7°22	17° 1	14°49	15°47	20°29	20°46	28°41	25°51	M23
T 24	4 12 54	2° 2'22	20°40	12°30	23° 2	25°53	4°20	7°29	16°59	14°48	15°46	20°27	20°43	28°48	25°50	T 24
W25	4 16 51	3° 3'06	2♈43	13°41	24°14	26°15	4°19	7°36	16°57	14°47	15°45	20°24	20°39	28°55	25°49	W25
T 26	4 20 48	4° 3'50	15° 2	14°55	25°26	26°37	4°19	7°43	16°56	14°46	15°44	20°17	20°36	29° 1	25°49	T 26
F 27	4 24 44	5° 4'36	27°39	16°13	26°38	26°59	4°18	7°51	16°54	14°45	15°43	20° 8	20°33	29° 8	25°48	F 27
S 28	4 28 41	6° 5'22	10♉37	17°32	27°51	27°20	4°18	7°58	16°52	14°44	15°42	19°57	20°30	29°14	25°47	S 28
S 29	4 32 37	7° 6'10	23°56	18°54	29° 3	27°42	4°D18	8° 5	16°51	14°43	15°41	19°45	20°27	29°21	25°47	S 29
M30	4 36 34	8♐ 6'59	7♊35	20♏17	0♏16	28♌ 2	4♈18	8♐12	16♋49	14♈42	15♉40	19♌33	20♌23	29♒28	25♓47	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s28	11n41	4s59	18s51	1s36	2n47	1n16	17n39	1n37	0n47	1s35	19s31	1n38	22n44	0n25	4n29	1s41	1n42	15s37	13n56	14n12	13s 8	1n56	3n42
M 2	14 47	15 0	4 59	18 16	1 18	2 23	1 19	17 31	1 39	0 45	1 35	19 32	1 37	22 44	0 25	4 28	1 41	1 42	15 37	14 0	14 14	13 7	1 55	3 41
T 3	15 6	17 34	4 44	17 37	0 59	1 58	1 22	17 24	1 40	0 43	1 35	19 34	1 37	22 44	0 25	4 28	1 40	1 42	15 37	14 4	14 15	13 6	1 54	3 41
W 4	15 25	19 12	4 12	16 56	0 39	1 33	1 25	17 16	1 42	0 41	1 34	19 35	1 37	22 44	0 25	4 27	1 40	1 41	15 37	14 7	14 16	13 4	1 53	3 41
T 5	15 43	19 43	3 25	16 13	0 18	1 8	1 28	17 9	1 43	0 40	1 34	19 36	1 37	22 44	0 25	4 26	1 40	1 41	15 37	14 9	14 17	13 3	1 52	3 41
F 6	16 1	19 2	2 25	15 29	0n 2	0 42	1 30	17 2	1 44	0 38	1 34	19 37	1 37	22 44	0 25	4 26	1 40	1 41	15 37	14 10	14 18	13 1	1 51	3 40
S 7	16 19	17 12	1 17	14 46	0 23	0 17	1 33	16 54	1 46	0 36	1 34	19 39	1 37	22 44	0 25	4 25	1 40	1 40	15 37	14 11	14 19	13 0	1 50	3 40
S 8	16 36	14 19	0 3	14 5	0 42	0s 9	1 35	16 47	1 47	0 35	1 33	19 40	1 37	22 44	0 25	4 25	1 40	1 40	15 37	14 11	14 20	12 58	1 50	3 40
M 9	16 54	10 34	1n11	13 27	1 1	0 35	1 38	16 40	1 49	0 33	1 33	19 41	1 37	22 45	0 25	4 24	1 40	1 40	15 37	14 11	14 21	12 57	1 49	3 40
T 10	17 11	6 13	2 21	12 53	1 17	1 0	1 40	16 33	1 50	0 32	1 33	19 43	1 37	22 45	0 25	4 24	1 40	1 40	15 37	14 11	14 22	12 55	1 48	3 40
W11	17 27	1 31	3 22	12 25	1 33	1 26	1 42	16 25	1 52	0 31	1 33	19 44	1 37	22 45	0 25	4 23	1 40	1 39	15 37	14 13	14 23	12 54	1 47	3 39
T 12	17 44	3s16	4 11	12 1	1 46	1 52	1 44	16 18	1 53	0 30	1 32	19 45	1 36	22 45	0 25	4 23	1 40	1 39	15 37	14 15	14 24	12 53	1 46	3 39
F 13	18 0	7 49	4 44	11 44	1 57	2 18	1 46	16 11	1 54	0 29	1 32	19 46	1 36	22 45	0 25	4 22	1 40	1 39	15 37	14 19	14 25	12 51	1 46	3 39
S 14	18 16	11 54	4 59	11 32	2 6	2 44	1 48	16 4	1 56	0 27	1 32	19 48	1 36	22 45	0 25	4 22	1 40	1 39	15 36	14 23	14 26	12 50	1 45	3 39
S 15	18 31	15 17	4 57	11 25	2 13	3 11	1 49	15 57	1 58	0 27	1 32	19 49	1 36	22 46	0 25	4 22	1 40	1 38	15 36	14 27	14 27	12 48	1 44	3 38
M16	18 46	17 47	4 38	11 24	2 19	3 37	1 51	15 50	1 59	0 26	1 31	19 50	1 36	22 46	0 25	4 21	1 40	1 38	15 36	14 31	14 28	12 47	1 44	3 38
T 17	19 1	19 18	4 6	11 27	2 23	4 3	1 53	15 44	2 1	0 25	1 31	19 52	1 36	22 46	0 25	4 21	1 40	1 38	15 36	14 35	14 29	12 45	1 43	3 38
W18	19 16	19 49	3 22	11 35	2 25	4 29	1 54	15 37	2 2	0 24	1 31	19 53	1 36	22 46	0 25	4 20	1 40	1 38	15 36	14 37	14 30	12 44	1 42	3 38
T 19	19 30	19 20	2 29	11 47	2 26	4 56	1 55	15 30	2 4	0 24	1 31	19 54	1 36	22 46	0 25	4 20	1 40	1 38	15 36	14 39	14 31	12 42	1 42	3 37
F 20	19 44	17 59	1 30	12 2	2 26	5 22	1 56	15 24	2 5	0 23	1 30	19 55	1 36	22 47	0 25	4 19	1 40	1 37	15 36	14 40	14 32	12 41	1 41	3 37
S 21	19 57	15 51	0 28	12 20	2 25	5 48	1 57	15 17	2 7	0 23	1 30	19 56	1 36	22 47	0 25	4 19	1 40	1 37	15 36	14 40	14 33	12 39	1 40	3 37
S 22	20 10	13 4	0s34	12 40	2 22	6 14	1 58	15 11	2 9	0 22	1 30	19 58	1 36	22 47	0 25	4 19	1 40	1 37	15 36	14 40	14 34	12 38	1 40	3 37
M23	20 23	9 46	1 36	13 2	2 19	6 40	1 59	15 4	2 10	0 22	1 29	19 59	1 36	22 47	0 25	4 18	1 40	1 37	15 36	14 40	14 35	12 36	1 39	3 36
T 24	20 35	6 3	2 33	13 27	2 16	7 6	2 0	14 58	2 12	0 22	1 29	20 0	1 36	22 47	0 25	4 18	1 40	1 37	15 36	14 41	14 36	12 35	1 39	3 36
W25	20 47	2 2	3 24	13 52	2 11	7 32	2 1	14 52	2 13	0 22	1 29	20 1	1 35	22 48	0 25	4 18	1 40	1 36	15 35	14 42	14 37	12 33	1 38	3 36
T 26	20 58	2n 7	4 7	14 19	2 6	7 58	2 1	14 46	2 15	0 22	1 29	20 3	1 35	22 48	0 25	4 17	1 40	1 36	15 35	14 44	14 38	12 32	1 38	3 36
F 27	21 10	6 18	4 39	14 46	2 1	8 23	2 2	14 40	2 17	0 22	1 28	20 4	1 35	22 48	0 25	4 17	1 40	1 36	15 35	14 47	14 39	12 30	1 37	3 35
S 28	21 20	10 18	4 58	15 14	1 55	8 49	2 2	14 34	2 19	0 22	1 28	20 5	1 35	22 48	0 25	4 17	1 40	1 36	15 35	14 50	14 40	12 29	1 37	3 35
S 29	21 31	13 54	5 1	15 42	1 49	9 14	2 2	14 29	2 20	0 22	1 28	20 6	1 35	22 49	0 25	4 16	1 40	1 36	15 35	14 54	14 41	12 27	1 37	3 35
M30	21s40	16n52	4s47	16s11	1n42	9s40	2n 2	14n23	2n22	0n22	1s27	20s 7	1n35	22n49	0n25	4n16	1s40	1n36	15s35	14n58	14n42	12s26	1n36	3n35

Julian Day Number = 2403637.5, Delta T = 3.77 sec
Ecliptic obliquity = 23°27'16, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°54'31, Lahiri = 22°01'31

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1868
geocentric

DECEMBER 1868 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 40 30	9♐ 7'49	21♊29	21♏41	1♏29	28♌23	4♈18	8♐19	16°R47	14°R41	15°R39	19°R22	20♌20	29♒34	25°R46	T 1
W 2	4 44 27	10° 8'40	5♋35	23° 7	2°41	28°42	4°19	8°26	16♋45	14♈41	15♉38	19♌13	20°17	29°41	25♓46	W 2
T 3	4 48 23	11° 9'33	19°48	24°34	3°54	29° 2	4°19	8°33	16°43	14°40	15°37	19° 7	20°14	29°48	25°46	T 3
F 4	4 52 20	12°10'27	4♌ 3	26° 2	5° 7	29°21	4°20	8°40	16°41	14°39	15°36	19° 4	20°11	29°54	25°46	F 4
S 5	4 56 17	13°11'21	18°17	27°30	6°20	29°40	4°21	8°47	16°39	14°38	15°35	19°D 3	20° 8	0♓ 1	25°45	S 5
S 6	5 0 13	14°12'18	2♍27	28°59	7°33	29°58	4°23	8°55	16°37	14°38	15°34	19° 3	20° 4	0° 8	25°45	S 6
M 7	5 4 10	15°13'15	16°33	0♐29	8°46	0♍16	4°24	9° 2	16°35	14°37	15°33	19°R 4	20° 1	0°14	25°D45	M 7
T 8	5 8 6	16°14'14	0♎33	1°59	9°59	0°33	4°26	9° 9	16°33	14°36	15°32	19° 3	19°58	0°21	25°45	T 8
W 9	5 12 3	17°15'13	14°26	3°29	11°12	0°50	4°28	9°16	16°31	14°36	15°31	19° 0	19°55	0°28	25°46	W 9
T 10	5 15 59	18°16'14	28°13	5° 0	12°26	1° 6	4°30	9°23	16°28	14°35	15°30	18°54	19°52	0°34	25°46	T 10
F 11	5 19 56	19°17'16	11♏51	6°31	13°39	1°22	4°32	9°30	16°26	14°35	15°29	18°46	19°49	0°41	25°46	F 11
S 12	5 23 52	20°18'20	25°18	8° 3	14°52	1°37	4°35	9°37	16°24	14°34	15°28	18°36	19°45	0°48	25°46	S 12
S 13	5 27 49	21°19'23	8♐33	9°34	16° 6	1°52	4°38	9°44	16°22	14°34	15°27	18°25	19°42	0°54	25°47	S 13
M14	5 31 46	22°20'28	21°34	11° 6	17°19	2° 6	4°41	9°51	16°19	14°34	15°26	18°15	19°39	1° 1	25°47	M14
T 15	5 35 42	23°21'34	4♑20	12°38	18°33	2°20	4°44	9°58	16°17	14°33	15°25	18° 6	19°36	1° 7	25°47	T 15
W16	5 39 39	24°22'40	16°49	14°10	19°47	2°33	4°47	10° 5	16°15	14°33	15°25	17°59	19°33	1°14	25°48	W16
T 17	5 43 35	25°23'46	29° 4	15°43	21° 0	2°46	4°51	10°12	16°12	14°32	15°24	17°54	19°29	1°21	25°48	T 17
F 18	5 47 32	26°24'53	11♒ 7	17°16	22°14	2°58	4°54	10°19	16°10	14°32	15°23	17°52	19°26	1°27	25°49	F 18
S 19	5 51 28	27°26'00	23° 0	18°48	23°28	3°10	4°58	10°26	16° 8	14°32	15°22	17°D52	19°23	1°34	25°50	S 19
S 20	5 55 25	28°27'08	4♓48	20°21	24°42	3°21	5° 2	10°33	16° 5	14°32	15°21	17°53	19°20	1°41	25°50	S 20
M21	5 59 22	29°28'15	16°35	21°55	25°55	3°31	5° 7	10°40	16° 3	14°32	15°21	17°54	19°17	1°47	25°51	M21
T 22	6 3 18	0♑29'23	28°27	23°28	27° 9	3°41	5°11	10°47	16° 0	14°31	15°20	17°R55	19°14	1°54	25°52	T 22
W23	6 7 15	1°30'31	10♈30	25° 2	28°23	3°50	5°16	10°53	15°58	14°31	15°19	17°55	19°10	2° 1	25°53	W23
T 24	6 11 11	2°31'39	22°47	26°35	29°37	3°58	5°21	11° 0	15°55	14°31	15°18	17°52	19° 7	2° 7	25°54	T 24
F 25	6 15 8	3°32'47	5♉25	28°10	0♐51	4° 6	5°26	11° 7	15°53	14°D31	15°18	17°48	19° 4	2°14	25°55	F 25
S 26	6 19 4	4°33'55	18°26	29°44	2° 5	4°13	5°31	11°14	15°50	14°31	15°17	17°42	19° 1	2°21	25°56	S 26
S 27	6 23 1	5°35'03	1♊52	1♑19	3°19	4°20	5°37	11°20	15°48	14°31	15°16	17°35	18°58	2°27	25°57	S 27
M28	6 26 57	6°36'11	15°42	2°53	4°33	4°26	5°42	11°27	15°45	14°31	15°16	17°28	18°55	2°34	25°58	M28
T 29	6 30 54	7°37'19	29°54	4°29	5°47	4°31	5°48	11°34	15°43	14°31	15°15	17°21	18°51	2°41	26° 0	T 29
W30	6 34 51	8°38'28	14♋24	6° 4	7° 1	4°35	5°54	11°40	15°40	14°32	15°14	17°16	18°48	2°47	26° 1	W30
T 31	6 38 47	9♑39'36	29♋ 3	7♑40	8♐16	4♍39	6♈ 0	11♐47	15♋37	14♈32	15♉14	17♌13	18♌45	2♓54	26♓ 2	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s50	18n55	4 s16	16 s39	1n36	10 s 5	2n 3	14n18	2n24	0n23	1 s27	20 s 8	1n35	22n49	0n25	4n16	1 s40	1n35	15 s35	15n 1	14n43	12 s24	1n36	3n34
W 2	21 59	19 51	3 29	17 8	1 29	10 30	2 3	14 12	2 26	0 23	1 27	20 10	1 35	22 49	0 25	4 15	1 40	1 35	15 35	15 4	14 44	12 23	1 35	3 34
T 3	22 8	19 32	2 29	17 36	1 22	10 54	2 2	14 7	2 27	0 24	1 27	20 11	1 35	22 50	0 25	4 15	1 39	1 35	15 34	15 6	14 45	12 21	1 35	3 34
F 4	22 16	17 59	1 19	18 4	1 15	11 19	2 2	14 2	2 29	0 24	1 26	20 12	1 35	22 50	0 25	4 15	1 39	1 35	15 34	15 7	14 46	12 20	1 35	3 33
S 5	22 24	15 18	0 4	18 31	1 7	11 43	2 2	13 57	2 31	0 25	1 26	20 13	1 35	22 50	0 25	4 15	1 39	1 35	15 34	15 7	14 47	12 18	1 34	3 33
S 6	22 31	11 43	1n11	18 58	1 0	12 7	2 2	13 53	2 33	0 26	1 26	20 14	1 35	22 50	0 25	4 15	1 39	1 35	15 34	15 7	14 48	12 17	1 34	3 33
M 7	22 38	7 29	2 21	19 24	0 53	12 31	2 1	13 48	2 35	0 27	1 25	20 15	1 35	22 51	0 25	4 14	1 39	1 35	15 34	15 7	14 49	12 15	1 34	3 33
T 8	22 45	2 53	3 23	19 50	0 45	12 55	2 0	13 44	2 37	0 28	1 25	20 16	1 35	22 51	0 26	4 14	1 39	1 35	15 33	15 7	14 50	12 14	1 34	3 32
W 9	22 51	1 s50	4 11	20 14	0 38	13 18	2 0	13 39	2 39	0 29	1 25	20 18	1 35	22 51	0 26	4 14	1 39	1 35	15 33	15 8	14 51	12 12	1 34	3 32
T 10	22 56	6 24	4 45	20 38	0 31	13 41	1 59	13 35	2 40	0 30	1 24	20 19	1 35	22 52	0 26	4 14	1 39	1 35	15 33	15 10	14 52	12 10	1 33	3 32
F 11	23 1	10 36	5 2	21 2	0 23	14 4	1 58	13 31	2 42	0 31	1 24	20 20	1 35	22 52	0 26	4 14	1 39	1 35	15 33	15 13	14 53	12 9	1 33	3 32
S 12	23 6	14 12	5 2	21 24	0 16	14 26	1 57	13 28	2 44	0 32	1 24	20 21	1 35	22 52	0 26	4 14	1 39	1 35	15 33	15 16	14 54	12 7	1 33	3 31
S 13	23 10	17 2	4 46	21 45	0 9	14 48	1 56	13 24	2 46	0 34	1 24	20 22	1 35	22 52	0 26	4 13	1 39	1 35	15 32	15 19	14 55	12 6	1 33	3 31
M14	23 14	18 56	4 15	22 5	0 2	15 10	1 55	13 21	2 48	0 35	1 23	20 23	1 35	22 53	0 26	4 13	1 39	1 35	15 32	15 22	14 56	12 4	1 33	3 31
T 15	23 17	19 51	3 32	22 25	0 s 5	15 32	1 54	13 18	2 50	0 37	1 23	20 24	1 35	22 53	0 26	4 13	1 39	1 34	15 32	15 25	14 57	12 3	1 33	3 31
W16	23 20	19 46	2 39	22 43	0 12	15 53	1 53	13 15	2 52	0 38	1 23	20 25	1 35	22 53	0 26	4 13	1 39	1 34	15 32	15 27	14 58	12 1	1 33	3 30
T 17	23 22	18 44	1 40	23 0	0 19	16 13	1 52	13 12	2 54	0 40	1 22	20 26	1 35	22 54	0 26	4 13	1 39	1 34	15 32	15 29	14 59	12 0	1 33	3 30
F 18	23 24	16 52	0 36	23 16	0 26	16 34	1 50	13 10	2 56	0 42	1 22	20 27	1 35	22 54	0 26	4 13	1 39	1 34	15 31	15 29	15 0	11 58	1 33	3 30
S 19	23 26	14 18	0 s28	23 31	0 32	16 54	1 49	13 7	2 58	0 44	1 22	20 28	1 35	22 54	0 26	4 13	1 39	1 34	15 31	15 29	15 1	11 56	1 33	3 30
S 20	23 27	11 10	1 30	23 45	0 39	17 13	1 47	13 5	3 0	0 45	1 22	20 29	1 35	22 55	0 26	4 13	1 39	1 35	15 31	15 29	15 2	11 55	1 33	3 29
M21	23 27	7 35	2 29	23 57	0 45	17 32	1 46	13 4	3 3	0 47	1 21	20 30	1 35	22 55	0 26	4 13	1 39	1 35	15 31	15 28	15 3	11 53	1 33	3 29
T 22	23 27	3 42	3 22	24 9	0 51	17 51	1 44	13 2	3 5	0 49	1 21	20 31	1 35	22 55	0 26	4 13	1 39	1 35	15 30	15 28	15 4	11 52	1 33	3 29
W23	23 27	0n23	4 6	24 19	0 57	18 9	1 42	13 1	3 7	0 52	1 21	20 32	1 35	22 56	0 26	4 13	1 38	1 35	15 30	15 28	15 5	11 50	1 33	3 28
T 24	23 26	4 31	4 41	24 27	1 3	18 27	1 41	12 59	3 9	0 54	1 20	20 33	1 35	22 56	0 26	4 13	1 38	1 35	15 30	15 29	15 6	11 49	1 33	3 28
F 25	23 24	8 35	5 3	24 35	1 8	18 44	1 39	12 59	3 11	0 56	1 20	20 34	1 35	22 56	0 26	4 13	1 38	1 35	15 30	15 30	15 7	11 47	1 33	3 28
S 26	23 23	12 22	5 10	24 41	1 14	19 1	1 37	12 58	3 13	0 58	1 20	20 35	1 35	22 56	0 26	4 13	1 38	1 35	15 29	15 32	15 8	11 45	1 34	3 28
S 27	23 20	15 38	5 0	24 46	1 19	19 17	1 35	12 58	3 15	1 1	1 20	20 36	1 35	22 57	0 26	4 13	1 38	1 35	15 29	15 34	15 9	11 44	1 34	3 27
M28	23 17	18 9	4 33	24 49	1 24	19 32	1 33	12 57	3 18	1 3	1 19	20 36	1 35	22 57	0 26	4 13	1 38	1 35	15 29	15 37	15 10	11 42	1 34	3 27
T 29	23 14	19 38	3 49	24 52	1 29	19 48	1 31	12 58	3 20	1 6	1 19	20 37	1 35	22 57	0 26	4 13	1 38	1 35	15 28	15 39	15 11	11 41	1 34	3 27
W30	23 10	19 52	2 49	24 52	1 33	20 2	1 29	12 58	3 22	1 8	1 19	20 38	1 35	22 58	0 26	4 13	1 38	1 35	15 28	15 40	15 12	11 39	1 35	3 27
T 31	23 s 6	18n46	1 s37	24 s52	1 s38	20 s16	1n27	12n59	3n24	1n11	1 s18	20 s39	1n35	22n58	0n26	4n13	1 s38	1n35	15 s28	15n41	15n13	11 s37	1n35	3n26

Julian Day Number = 2403667.5, Delta T = 3.66 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°54'35, Lahiri = 22°01'36

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ASTRODIENST EPHEMERIS for the year 1869
geocentric

JANUARY 1869 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 42 44	10♑40'45	13♌47	9♑16	9♐30	4♍42	6♈ 6	11♐54	15°R35	14♈32	15°R13	17°D12	18♌42	3♓ 1	26♓ 4	F 1
S 2	6 46 40	11°41'53	28°26	10°53	10°44	4°44	6°13	12° 0	15♋32	14°32	15♉13	17♌12	18°39	3° 7	26° 5	S 2
S 3	6 50 37	12°43'02	12♍57	12°29	11°58	4°46	6°19	12° 7	15°30	14°32	15°12	17°14	18°35	3°14	26° 6	S 3
M 4	6 54 33	13°44'11	27°16	14° 7	13°13	4°47	6°26	12°13	15°27	14°33	15°12	17°15	18°32	3°20	26° 8	M 4
T 5	6 58 30	14°45'20	11♎20	15°44	14°27	4°R47	6°33	12°19	15°24	14°33	15°11	17°R16	18°29	3°27	26°10	T 5
W 6	7 2 26	15°46'29	25° 9	17°22	15°41	4°46	6°40	12°26	15°22	14°34	15°11	17°16	18°26	3°34	26°11	W 6
T 7	7 6 23	16°47'39	8♏42	19° 1	16°56	4°45	6°48	12°32	15°19	14°34	15°10	17°14	18°23	3°40	26°13	T 7
F 8	7 10 20	17°48'48	22° 1	20°40	18°10	4°43	6°55	12°38	15°17	14°34	15°10	17°11	18°20	3°47	26°15	F 8
S 9	7 14 16	18°49'58	5♐ 6	22°19	19°24	4°40	7° 3	12°45	15°14	14°35	15° 9	17° 6	18°16	3°54	26°16	S 9
S 10	7 18 13	19°51'08	17°57	23°59	20°39	4°36	7°10	12°51	15°11	14°35	15° 9	17° 2	18°13	4° 0	26°18	S 10
M11	7 22 9	20°52'17	0♑36	25°39	21°53	4°31	7°18	12°57	15° 9	14°36	15° 8	16°57	18°10	4° 7	26°20	M11
T 12	7 26 6	21°53'26	13° 2	27°20	23° 8	4°26	7°26	13° 3	15° 6	14°37	15° 8	16°53	18° 7	4°14	26°22	T 12
W13	7 30 2	22°54'35	25°17	29° 1	24°22	4°19	7°35	13° 9	15° 4	14°37	15° 8	16°50	18° 4	4°20	26°24	W13
T 14	7 33 59	23°55'43	7♒22	0♒42	25°37	4°12	7°43	13°15	15° 1	14°38	15° 7	16°48	18° 1	4°27	26°26	T 14
F 15	7 37 55	24°56'50	19°19	2°24	26°51	4° 4	7°52	13°21	14°59	14°39	15° 7	16°D48	17°57	4°34	26°28	F 15
S 16	7 41 52	25°57'57	1♓ 9	4° 6	28° 6	3°56	8° 0	13°27	14°56	14°39	15° 7	16°49	17°54	4°40	26°30	S 16
S 17	7 45 49	26°59'03	12°56	5°48	29°20	3°46	8° 9	13°33	14°53	14°40	15° 6	16°50	17°51	4°47	26°33	S 17
M18	7 49 45	28° 0'09	24°44	7°30	0♑35	3°36	8°18	13°38	14°51	14°41	15° 6	16°52	17°48	4°54	26°35	M18
T 19	7 53 42	29° 1'13	6♈36	9°12	1°49	3°25	8°27	13°44	14°48	14°42	15° 6	16°53	17°45	5° 0	26°37	T 19
W20	7 57 38	0♒ 2'17	18°36	10°55	3° 4	3°13	8°36	13°50	14°46	14°43	15° 6	16°55	17°41	5° 7	26°39	W20
T 21	8 1 35	1° 3'19	0♉51	12°37	4°18	3° 0	8°46	13°55	14°43	14°43	15° 6	16°R55	17°38	5°14	26°42	T 21
F 22	8 5 31	2° 4'21	13°24	14°19	5°33	2°47	8°55	14° 1	14°41	14°44	15° 6	16°55	17°35	5°20	26°44	F 22
S 23	8 9 28	3° 5'21	26°19	16° 0	6°48	2°32	9° 5	14° 6	14°39	14°45	15° 5	16°54	17°32	5°27	26°47	S 23
S 24	8 13 24	4° 6'21	9♊40	17°41	8° 2	2°18	9°14	14°12	14°36	14°46	15° 5	16°52	17°29	5°33	26°49	S 24
M25	8 17 21	5° 7'19	23°29	19°21	9°17	2° 2	9°24	14°17	14°34	14°47	15° 5	16°51	17°26	5°40	26°52	M25
T 26	8 21 18	6° 8'17	7♋44	20°59	10°31	1°46	9°34	14°22	14°31	14°48	15° 5	16°49	17°22	5°47	26°54	T 26
W27	8 25 14	7° 9'13	22°22	22°36	11°46	1°29	9°44	14°28	14°29	14°49	15° 5	16°48	17°19	5°53	26°57	W27
T 28	8 29 11	8°10'08	7♌17	24°10	13° 1	1°11	9°54	14°33	14°27	14°51	15° 5	16°47	17°16	6° 0	26°59	T 28
F 29	8 33 7	9°11'02	22°22	25°43	14°15	0°53	10° 5	14°38	14°24	14°52	15°D 5	16°D47	17°13	6° 7	27° 2	F 29
S 30	8 37 4	10°11'55	7♍27	27°12	15°30	0°34	10°15	14°43	14°22	14°53	15° 5	16°48	17°10	6°13	27° 5	S 30
S 31	8 41 0	11♒12'48	22♍23	28♒37	16♑45	0♍14	10♈26	14♐48	14♋20	14♈54	15♉ 5	16♌48	17♌ 7	6♓20	27♓ 7	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 1	16n24	0s19	24s49	1s42	20s30	1n24	13n 0	3n26	1n14	1s18	20s40	1n35	22n58	0n26	4n14	1s38	1n35	15s28	15n41	15n14	11s36	1n35	3n26
S 2	22 56	12 59	1n 1	24 46	1 46	20 43	1 22	13 1	3 29	1 17	1 18	20 41	1 35	22 59	0 26	4 14	1 38	1 36	15 27	15 41	15 15	11 34	1 36	3 26
S 3	22 51	8 48	2 16	24 41	1 49	20 55	1 20	13 2	3 31	1 20	1 18	20 42	1 35	22 59	0 26	4 14	1 38	1 36	15 27	15 41	15 16	11 33	1 36	3 26
M 4	22 45	4 10	3 22	24 34	1 52	21 7	1 17	13 4	3 33	1 22	1 17	20 42	1 35	22 59	0 26	4 14	1 38	1 36	15 27	15 40	15 17	11 31	1 36	3 25
T 5	22 38	0s35	4 14	24 26	1 55	21 18	1 15	13 6	3 35	1 25	1 17	20 43	1 35	23 0	0 26	4 14	1 38	1 36	15 26	15 40	15 18	11 29	1 37	3 25
W 6	22 31	5 14	4 50	24 16	1 58	21 29	1 13	13 8	3 37	1 28	1 17	20 44	1 35	23 0	0 26	4 14	1 38	1 36	15 26	15 40	15 19	11 28	1 37	3 25
T 7	22 24	9 31	5 10	24 5	2 0	21 39	1 10	13 11	3 40	1 32	1 17	20 45	1 35	23 0	0 26	4 15	1 38	1 36	15 26	15 41	15 20	11 26	1 38	3 25
F 8	22 16	13 15	5 12	23 53	2 2	21 48	1 8	13 14	3 42	1 35	1 16	20 46	1 35	23 1	0 26	4 15	1 38	1 36	15 25	15 42	15 21	11 24	1 38	3 24
S 9	22 8	16 16	4 58	23 38	2 4	21 57	1 5	13 17	3 44	1 38	1 16	20 46	1 35	23 1	0 26	4 15	1 38	1 37	15 25	15 43	15 22	11 23	1 39	3 24
S 10	21 59	18 26	4 29	23 23	2 5	22 5	1 3	13 20	3 46	1 41	1 16	20 47	1 35	23 1	0 26	4 15	1 38	1 37	15 25	15 45	15 23	11 21	1 39	3 24
M11	21 50	19 40	3 47	23 5	2 6	22 12	1 0	13 24	3 48	1 45	1 16	20 48	1 35	23 1	0 26	4 16	1 38	1 37	15 25	15 46	15 24	11 20	1 40	3 24
T 12	21 40	19 54	2 55	22 46	2 6	22 19	0 57	13 28	3 51	1 48	1 15	20 48	1 35	23 2	0 26	4 16	1 37	1 37	15 24	15 47	15 25	11 18	1 40	3 24
W13	21 30	19 12	1 56	22 26	2 6	22 25	0 55	13 32	3 53	1 52	1 15	20 49	1 35	23 2	0 26	4 16	1 37	1 37	15 24	15 48	15 26	11 16	1 41	3 23
T 14	21 20	17 36	0 52	22 4	2 6	22 31	0 52	13 37	3 55	1 55	1 15	20 50	1 35	23 2	0 26	4 16	1 37	1 38	15 24	15 49	15 27	11 15	1 41	3 23
F 15	21 9	15 15	0s14	21 40	2 5	22 36	0 49	13 42	3 57	1 59	1 15	20 51	1 35	23 3	0 26	4 17	1 37	1 38	15 23	15 49	15 28	11 13	1 42	3 23
S 16	20 58	12 18	1 19	21 15	2 3	22 40	0 47	13 47	3 59	2 2	1 14	20 51	1 35	23 3	0 26	4 17	1 37	1 38	15 23	15 48	15 29	11 11	1 43	3 23
S 17	20 46	8 51	2 20	20 48	2 1	22 43	0 44	13 52	4 1	2 6	1 14	20 52	1 35	23 3	0 26	4 17	1 37	1 38	15 23	15 48	15 29	11 10	1 43	3 22
M18	20 34	5 4	3 15	20 19	1 59	22 46	0 41	13 58	4 3	2 10	1 14	20 53	1 35	23 3	0 26	4 18	1 37	1 39	15 22	15 47	15 30	11 8	1 44	3 22
T 19	20 22	1 5	4 2	19 49	1 56	22 48	0 38	14 4	4 5	2 14	1 14	20 53	1 35	23 4	0 26	4 18	1 37	1 39	15 22	15 47	15 31	11 6	1 45	3 22
W20	20 9	2n59	4 39	19 18	1 52	22 49	0 36	14 10	4 7	2 17	1 13	20 54	1 35	23 4	0 26	4 18	1 37	1 39	15 22	15 47	15 32	11 5	1 45	3 22
T 21	19 56	7 1	5 5	18 45	1 48	22 50	0 33	14 16	4 9	2 21	1 13	20 54	1 35	23 4	0 26	4 19	1 37	1 39	15 21	15 47	15 33	11 3	1 46	3 22
F 22	19 43	10 50	5 17	18 11	1 43	22 50	0 30	14 23	4 11	2 25	1 13	20 55	1 35	23 5	0 26	4 19	1 37	1 40	15 21	15 47	15 34	11 1	1 47	3 21
S 23	19 29	14 16	5 13	17 36	1 37	22 50	0 27	14 30	4 12	2 29	1 13	20 56	1 36	23 5	0 26	4 20	1 37	1 40	15 21	15 47	15 35	11 0	1 48	3 21
S 24	19 15	17 6	4 52	16 59	1 31	22 48	0 25	14 37	4 14	2 33	1 12	20 56	1 36	23 5	0 26	4 20	1 37	1 40	15 20	15 47	15 36	10 58	1 48	3 21
M25	19 0	19 3	4 15	16 21	1 24	22 46	0 22	14 44	4 16	2 37	1 12	20 57	1 36	23 5	0 26	4 21	1 37	1 41	15 20	15 48	15 37	10 56	1 49	3 21
T 26	18 45	19 54	3 20	15 42	1 16	22 43	0 19	14 51	4 17	2 41	1 12	20 57	1 36	23 6	0 26	4 21	1 37	1 41	15 20	15 48	15 38	10 55	1 50	3 20
W27	18 30	19 26	2 12	15 3	1 7	22 40	0 16	14 59	4 19	2 46	1 12	20 58	1 36	23 6	0 26	4 21	1 37	1 41	15 19	15 49	15 39	10 53	1 51	3 20
T 28	18 14	17 37	0 53	14 23	0 58	22 36	0 13	15 7	4 20	2 50	1 12	20 58	1 36	23 6	0 26	4 22	1 37	1 42	15 19	15 49	15 40	10 51	1 52	3 20
F 29	17 58	14 33	0n31	13 42	0 47	22 31	0 11	15 15	4 22	2 54	1 11	20 59	1 36	23 6	0 26	4 22	1 37	1 42	15 19	15 49	15 41	10 50	1 53	3 20
S 30	17 42	10 31	1 52	13 1	0 36	22 25	0 8	15 23	4 23	2 58	1 11	20 59	1 36	23 7	0 26	4 23	1 37	1 42	15 18	15 49	15 42	10 48	1 53	3 20
S 31	17s25	5n52	3n 5	12s20	0s24	22s19	0n 5	15n31	4n24	3n 3	1s11	21s 0	1n36	23n 7	0n26	4n23	1s37	1n43	15s18	15n49	15n43	10s46	1n54	3n19

Julian Day Number = 2403698.5, Delta T = 3.55 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°54'39, Lahiri = 22°01'40

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ASTRODIENST EPHEMERIS for the year 1869
geocentric

FEBRUARY 1869 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 44 57	12♒13'39	7♎ 4	29♒59	17♉59	29°R54	10♈36	14♐53	14°R18	14♈55	15♉ 5	16♌49	17♌ 3	6♓27	27♓10	M 1
T 2	8 48 53	13°14'29	21°24	1♓15	19°14	29♌33	10°47	14°58	14♋15	14°57	15° 5	16°49	17° 0	6°33	27°13	T 2
W 3	8 52 50	14°15'19	5♏21	2°26	20°28	29°12	10°58	15° 2	14°13	14°58	15° 5	16°49	16°57	6°40	27°16	W 3
T 4	8 56 47	15°16'08	18°56	3°31	21°43	28°51	11° 9	15° 7	14°11	14°59	15° 5	16°R49	16°54	6°47	27°19	T 4
F 5	9 0 43	16°16'56	2♐ 8	4°28	22°58	28°29	11°20	15°12	14° 9	15° 1	15° 6	16°D49	16°51	6°53	27°22	F 5
S 6	9 4 40	17°17'43	15° 0	5°17	24°13	28° 6	11°31	15°16	14° 7	15° 2	15° 6	16°49	16°47	7° 0	27°25	S 6
S 7	9 8 36	18°18'29	27°36	5°58	25°27	27°43	11°43	15°21	14° 5	15° 3	15° 6	16°49	16°44	7° 7	27°28	S 7
M 8	9 12 33	19°19'14	9♑58	6°29	26°42	27°20	11°54	15°25	14° 3	15° 5	15° 6	16°50	16°41	7°13	27°31	M 8
T 9	9 16 29	20°19'58	22° 8	6°51	27°57	26°57	12° 6	15°29	14° 1	15° 6	15° 6	16°50	16°38	7°20	27°34	T 9
W10	9 20 26	21°20'40	4♒10	7° 2	29°11	26°33	12°17	15°33	13°59	15° 8	15° 7	16°50	16°35	7°27	27°37	W10
T 11	9 24 22	22°21'22	16° 5	7°R 3	0♒26	26°10	12°29	15°38	13°57	15° 9	15° 7	16°R50	16°32	7°33	27°40	T 11
F 12	9 28 19	23°22'01	27°55	6°52	1°41	25°46	12°41	15°42	13°55	15°11	15° 7	16°50	16°28	7°40	27°43	F 12
S 13	9 32 16	24°22'40	9♓43	6°32	2°55	25°22	12°52	15°46	13°53	15°12	15° 8	16°50	16°25	7°47	27°46	S 13
S 14	9 36 12	25°23'16	21°31	6° 1	4°10	24°58	13° 4	15°49	13°52	15°14	15° 8	16°49	16°22	7°53	27°49	S 14
M15	9 40 9	26°23'51	3♈21	5°22	5°25	24°34	13°16	15°53	13°50	15°16	15° 8	16°47	16°19	8° 0	27°53	M15
T 16	9 44 5	27°24'25	15°16	4°34	6°39	24°10	13°29	15°57	13°48	15°17	15° 9	16°46	16°16	8° 7	27°56	T 16
W17	9 48 2	28°24'57	27°19	3°39	7°54	23°46	13°41	16° 1	13°47	15°19	15° 9	16°44	16°13	8°13	27°59	W17
T 18	9 51 58	29°25'27	9♉33	2°39	9° 9	23°22	13°53	16° 4	13°45	15°21	15°10	16°43	16° 9	8°20	28° 2	T 18
F 19	9 55 55	0♓25'55	22° 3	1°35	10°23	22°59	14° 5	16° 8	13°43	15°22	15°10	16°42	16° 6	8°26	28° 6	F 19
S 20	9 59 51	1°26'21	4♊52	0°29	11°38	22°36	14°18	16°11	13°42	15°24	15°10	16°D42	16° 3	8°33	28° 9	S 20
S 21	10 3 48	2°26'45	18° 4	29♒22	12°53	22°13	14°30	16°14	13°40	15°26	15°11	16°43	16° 0	8°40	28°12	S 21
M22	10 7 45	3°27'08	1♋42	28°17	14° 7	21°50	14°43	16°18	13°39	15°28	15°12	16°44	15°57	8°46	28°16	M22
T 23	10 11 41	4°27'28	15°46	27°15	15°22	21°28	14°56	16°21	13°38	15°29	15°12	16°45	15°53	8°53	28°19	T 23
W24	10 15 38	5°27'47	0♌16	26°16	16°37	21° 6	15° 8	16°24	13°36	15°31	15°13	16°46	15°50	9° 0	28°23	W24
T 25	10 19 34	6°28'03	15° 9	25°23	17°51	20°45	15°21	16°27	13°35	15°33	15°13	16°R47	15°47	9° 6	28°26	T 25
F 26	10 23 31	7°28'18	0♍18	24°35	19° 6	20°24	15°34	16°29	13°34	15°35	15°14	16°46	15°44	9°13	28°29	F 26
S 27	10 27 27	8°28'31	15°34	23°54	20°21	20° 4	15°47	16°32	13°33	15°37	15°14	16°45	15°41	9°20	28°33	S 27
S 28	10 31 24	9♓28'42	0♎46	23♒19	21♒35	19♌44	16♈ 0	16♐35	13♋31	15♈39	15♉15	16♌42	15♌38	9♓26	28♓36	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s 8	0n57	4n 5	11s40	0s12	22s12	0n 2	15n39	4n25	3n 7	1s11	21s 0	1n36	23n 7	0n26	4n24	1s36	1n43	15s18	15n48	15n44	10s45	1n55	3n19
T 2	16 51	3s54	4 47	11 0	0n 2	22 5	0s 0	15 47	4 26	3 11	1 11	21 1	1 36	23 7	0 26	4 24	1 36	1 43	15 17	15 48	15 45	10 43	1 56	3 19
W 3	16 34	8 25	5 12	10 22	0 16	21 57	0 3	15 56	4 27	3 16	1 10	21 1	1 36	23 8	0 26	4 25	1 36	1 44	15 17	15 48	15 46	10 41	1 57	3 19
T 4	16 16	12 22	5 18	9 45	0 31	21 48	0 6	16 4	4 28	3 20	1 10	21 2	1 36	23 8	0 26	4 26	1 36	1 44	15 17	15 48	15 47	10 39	1 58	3 19
F 5	15 58	15 35	5 7	9 9	0 47	21 38	0 8	16 13	4 29	3 25	1 10	21 2	1 36	23 8	0 26	4 26	1 36	1 44	15 16	15 48	15 48	10 38	1 59	3 19
S 6	15 40	17 58	4 41	8 36	1 3	21 28	0 11	16 21	4 30	3 29	1 10	21 2	1 37	23 8	0 26	4 27	1 36	1 45	15 16	15 48	15 49	10 36	2 0	3 18
S 7	15 21	19 25	4 1	8 6	1 19	21 17	0 14	16 30	4 30	3 34	1 10	21 3	1 37	23 8	0 26	4 27	1 36	1 45	15 16	15 48	15 50	10 34	2 1	3 18
M 8	15 2	19 54	3 11	7 40	1 35	21 6	0 16	16 38	4 31	3 39	1 9	21 3	1 37	23 9	0 26	4 28	1 36	1 45	15 15	15 48	15 51	10 33	2 2	3 18
T 9	14 43	19 27	2 13	7 16	1 52	20 54	0 19	16 47	4 31	3 43	1 9	21 4	1 37	23 9	0 26	4 28	1 36	1 46	15 15	15 48	15 52	10 31	2 3	3 18
W10	14 24	18 6	1 10	6 57	2 8	20 41	0 21	16 55	4 31	3 48	1 9	21 4	1 37	23 9	0 26	4 29	1 36	1 46	15 15	15 48	15 53	10 29	2 4	3 18
T 11	14 4	15 58	0 4	6 42	2 24	20 28	0 24	17 3	4 31	3 53	1 9	21 4	1 37	23 9	0 26	4 30	1 36	1 47	15 14	15 48	15 54	10 27	2 5	3 17
F 12	13 44	13 10	1s 1	6 32	2 39	20 14	0 27	17 12	4 31	3 57	1 9	21 5	1 37	23 9	0 26	4 30	1 36	1 47	15 14	15 48	15 55	10 26	2 7	3 17
S 13	13 24	9 50	2 4	6 26	2 53	19 59	0 29	17 20	4 31	4 2	1 9	21 5	1 37	23 10	0 26	4 31	1 36	1 47	15 14	15 48	15 56	10 24	2 8	3 17
S 14	13 4	6 8	3 1	6 25	3 6	19 44	0 31	17 28	4 31	4 7	1 8	21 5	1 37	23 10	0 26	4 32	1 36	1 48	15 13	15 48	15 56	10 22	2 9	3 17
M15	12 44	2 12	3 51	6 29	3 17	19 28	0 34	17 36	4 31	4 12	1 8	21 6	1 37	23 10	0 26	4 32	1 36	1 48	15 13	15 49	15 57	10 21	2 10	3 17
T 16	12 23	1n51	4 31	6 38	3 27	19 12	0 36	17 43	4 31	4 17	1 8	21 6	1 37	23 10	0 26	4 33	1 36	1 49	15 13	15 49	15 58	10 19	2 11	3 17
W17	12 2	5 52	4 59	6 50	3 35	18 55	0 38	17 51	4 30	4 21	1 8	21 6	1 37	23 10	0 26	4 34	1 36	1 49	15 12	15 50	15 59	10 17	2 12	3 17
T 18	11 41	9 42	5 15	7 7	3 40	18 38	0 41	17 58	4 29	4 26	1 8	21 6	1 38	23 10	0 26	4 34	1 36	1 50	15 12	15 50	16 0	10 15	2 13	3 16
F 19	11 20	13 12	5 16	7 27	3 43	18 20	0 43	18 5	4 29	4 31	1 8	21 7	1 38	23 11	0 26	4 35	1 36	1 50	15 12	15 50	16 1	10 14	2 15	3 16
S 20	10 58	16 11	5 1	7 49	3 44	18 2	0 45	18 12	4 28	4 36	1 7	21 7	1 38	23 11	0 26	4 36	1 36	1 50	15 11	15 50	16 2	10 12	2 16	3 16
S 21	10 37	18 25	4 31	8 13	3 43	17 43	0 47	18 19	4 27	4 41	1 7	21 7	1 38	23 11	0 26	4 36	1 36	1 51	15 11	15 50	16 3	10 10	2 17	3 16
M22	10 15	19 42	3 45	8 39	3 39	17 23	0 49	18 26	4 26	4 46	1 7	21 7	1 38	23 11	0 26	4 37	1 36	1 51	15 11	15 50	16 4	10 8	2 18	3 16
T 23	9 53	19 49	2 43	9 6	3 33	17 4	0 52	18 32	4 25	4 51	1 7	21 8	1 38	23 11	0 26	4 38	1 36	1 52	15 10	15 50	16 5	10 7	2 19	3 16
W24	9 31	18 38	1 30	9 32	3 26	16 43	0 54	18 38	4 24	4 56	1 7	21 8	1 38	23 11	0 26	4 39	1 36	1 52	15 10	15 49	16 6	10 5	2 21	3 16
T 25	9 9	16 9	0 9	9 59	3 17	16 22	0 55	18 43	4 22	5 1	1 7	21 8	1 38	23 11	0 26	4 39	1 36	1 53	15 10	15 49	16 7	10 3	2 22	3 15
F 26	8 46	12 32	1n14	10 24	3 7	16 1	0 57	18 49	4 21	5 7	1 7	21 8	1 38	23 11	0 26	4 40	1 36	1 53	15 9	15 49	16 8	10 1	2 23	3 15
S 27	8 24	8 2	2 32	10 48	2 55	15 39	0 59	18 54	4 19	5 12	1 6	21 8	1 38	23 12	0 26	4 41	1 36	1 54	15 9	15 50	16 9	10 0	2 24	3 15
S 28	8s 1	3n 3	3n40	11s11	2n43	15s17	1s 1	18n59	4n18	5n17	1s 6	21s 9	1n39	23n12	0n26	4n42	1s35	1n54	15s 9	15n50	16n10	9s58	2n26	3n15

Julian Day Number = 2403729.5, Delta T = 3.44 sec
Ecliptic obliquity = 23°27'16, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°54'44, Lahiri = 22°01'44

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ASTRODIENST EPHEMERIS for the year 1869
geocentric

MARCH 1869 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 35 20	10♓28'51	15♎46	22°R52	22♒50	19°R25	16♈13	16♐37	13°R30	15♈41	15♉16	16°R39	15♌34	9♓33	28♓40	M 1
T 2	10 39 17	11°28'59	0♏25	22♒32	24° 4	19♌ 6	16°26	16°40	13♋29	15°42	15°16	16♌36	15°31	9°40	28°43	T 2
W 3	10 43 13	12°29'05	14°37	22°18	25°19	18°48	16°39	16°42	13°28	15°44	15°17	16°33	15°28	9°46	28°47	W 3
T 4	10 47 10	13°29'10	28°21	22°12	26°34	18°31	16°53	16°45	13°27	15°46	15°18	16°30	15°25	9°53	28°50	T 4
F 5	10 51 7	14°29'13	11♐37	22°D12	27°48	18°14	17° 6	16°47	13°26	15°48	15°18	16°D29	15°22	10° 0	28°54	F 5
S 6	10 55 3	15°29'15	24°29	22°18	29° 3	17°58	17°19	16°49	13°26	15°50	15°19	16°30	15°18	10° 6	28°58	S 6
S 7	10 59 0	16°29'15	6♑59	22°30	0♓17	17°43	17°33	16°51	13°25	15°52	15°20	16°31	15°15	10°13	29° 1	S 7
M 8	11 2 56	17°29'13	19°13	22°48	1°32	17°28	17°46	16°53	13°24	15°54	15°21	16°33	15°12	10°20	29° 5	M 8
T 9	11 6 53	18°29'10	1♒14	23°11	2°47	17°14	18° 0	16°55	13°23	15°57	15°22	16°34	15° 9	10°26	29° 8	T 9
W10	11 10 49	19°29'05	13° 7	23°39	4° 1	17° 1	18°13	16°56	13°23	15°59	15°22	16°R35	15° 6	10°33	29°12	W10
T 11	11 14 46	20°28'58	24°56	24°11	5°16	16°49	18°27	16°58	13°22	16° 1	15°23	16°35	15° 3	10°40	29°16	T 11
F 12	11 18 42	21°28'49	6♓43	24°48	6°30	16°37	18°40	16°59	13°22	16° 3	15°24	16°33	14°59	10°46	29°19	F 12
S 13	11 22 39	22°28'38	18°31	25°29	7°45	16°26	18°54	17° 1	13°21	16° 5	15°25	16°29	14°56	10°53	29°23	S 13
S 14	11 26 36	23°28'26	0♈22	26°13	8°59	16°16	19° 8	17° 2	13°21	16° 7	15°26	16°24	14°53	11° 0	29°26	S 14
M15	11 30 32	24°28'11	12°18	27° 2	10°14	16° 7	19°22	17° 3	13°20	16° 9	15°27	16°17	14°50	11° 6	29°30	M15
T 16	11 34 29	25°27'54	24°21	27°53	11°29	15°58	19°36	17° 4	13°20	16°11	15°28	16°10	14°47	11°13	29°34	T 16
W17	11 38 25	26°27'35	6♉32	28°48	12°43	15°51	19°49	17° 5	13°20	16°13	15°29	16° 2	14°44	11°20	29°37	W17
T 18	11 42 22	27°27'14	18°54	29°45	13°58	15°44	20° 3	17° 6	13°20	16°16	15°29	15°56	14°40	11°26	29°41	T 18
F 19	11 46 18	28°26'51	1♊28	0♓46	15°12	15°38	20°17	17° 7	13°19	16°18	15°30	15°51	14°37	11°33	29°45	F 19
S 20	11 50 15	29°26'25	14°17	1°49	16°27	15°32	20°31	17° 8	13°19	16°20	15°31	15°47	14°34	11°40	29°48	S 20
S 21	11 54 11	0♈25'58	27°24	2°54	17°41	15°28	20°45	17° 8	13°D19	16°22	15°32	15°D46	14°31	11°46	29°52	S 21
M22	11 58 8	1°25'28	10♋52	4° 2	18°55	15°24	20°59	17° 9	13°19	16°24	15°33	15°47	14°28	11°53	29°56	M22
T 23	12 2 5	2°24'55	24°43	5°12	20°10	15°21	21°13	17° 9	13°19	16°27	15°34	15°48	14°24	12° 0	29°59	T 23
W24	12 6 1	3°24'21	8♌57	6°24	21°24	15°19	21°28	17°10	13°19	16°29	15°36	15°R49	14°21	12° 6	0♈ 3	W24
T 25	12 9 58	4°23'43	23°34	7°38	22°39	15°17	21°42	17°10	13°20	16°31	15°37	15°49	14°18	12°13	0° 6	T 25
F 26	12 13 54	5°23'04	8♍30	8°54	23°53	15°D17	21°56	17°10	13°20	16°33	15°38	15°47	14°15	12°20	0°10	F 26
S 27	12 17 51	6°22'22	23°38	10°12	25° 8	15°17	22°10	17°R10	13°20	16°35	15°39	15°42	14°12	12°26	0°14	S 27
S 28	12 21 47	7°21'38	8♎48	11°32	26°22	15°18	22°24	17°10	13°20	16°38	15°40	15°36	14° 9	12°33	0°17	S 28
M29	12 25 44	8°20'53	23°52	12°53	27°36	15°19	22°38	17°10	13°21	16°40	15°41	15°28	14° 5	12°40	0°21	M29
T 30	12 29 40	9°20'05	8♏38	14°16	28°51	15°21	22°53	17° 9	13°21	16°42	15°42	15°20	14° 2	12°46	0°25	T 30
W31	12 33 37	10♈19'15	23♏ 0	15♓41	0♈ 5	15♌24	23♈ 7	17♐ 9	13♋22	16♈44	15♉43	15♌12	13♌59	12♓53	0♈28	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s39	2s 3	4n30	11s33	2n30	14s54	1s 3	19n 4	4n16	5n22	1s 6	21s 9	1n39	23n12	0n26	4n42	1s35	1n55	15s 8	15n51	16n11	9s56	2n27	3n15
T 2	7 16	6 54	5 2	11 52	2 16	14 31	1 5	19 8	4 15	5 27	1 6	21 9	1 39	23 12	0 26	4 43	1 35	1 55	15 8	15 52	16 12	9 54	2 28	3 15
W 3	6 53	11 13	5 15	12 9	2 2	14 8	1 6	19 12	4 13	5 32	1 6	21 9	1 39	23 12	0 26	4 44	1 35	1 56	15 8	15 53	16 13	9 52	2 30	3 15
T 4	6 30	14 48	5 8	12 25	1 49	13 44	1 8	19 16	4 11	5 37	1 6	21 9	1 39	23 12	0 26	4 45	1 35	1 56	15 7	15 54	16 13	9 51	2 31	3 15
F 5	6 7	17 29	4 45	12 38	1 35	13 20	1 9	19 19	4 9	5 43	1 6	21 9	1 39	23 12	0 26	4 45	1 35	1 56	15 7	15 54	16 14	9 49	2 32	3 14
S 6	5 43	19 12	4 8	12 49	1 21	12 55	1 11	19 22	4 7	5 48	1 5	21 9	1 39	23 12	0 26	4 46	1 35	1 57	15 7	15 54	16 15	9 47	2 33	3 14
S 7	5 20	19 56	3 21	12 58	1 7	12 30	1 12	19 25	4 5	5 53	1 5	21 9	1 39	23 12	0 26	4 47	1 35	1 57	15 7	15 54	16 16	9 45	2 35	3 14
M 8	4 57	19 41	2 25	13 5	0 53	12 5	1 14	19 28	4 3	5 58	1 5	21 9	1 39	23 12	0 26	4 48	1 35	1 58	15 6	15 53	16 17	9 44	2 36	3 14
T 9	4 33	18 33	1 23	13 10	0 40	11 39	1 15	19 30	4 1	6 4	1 5	21 10	1 40	23 12	0 26	4 49	1 35	1 58	15 6	15 53	16 18	9 42	2 37	3 14
W10	4 10	16 35	0 19	13 13	0 27	11 13	1 16	19 32	3 59	6 9	1 5	21 10	1 40	23 12	0 26	4 49	1 35	1 59	15 6	15 52	16 19	9 40	2 39	3 14
T 11	3 46	13 56	0s46	13 14	0 15	10 47	1 17	19 34	3 57	6 14	1 5	21 10	1 40	23 13	0 26	4 50	1 35	1 59	15 5	15 53	16 20	9 38	2 40	3 14
F 12	3 23	10 43	1 48	13 13	0 3	10 21	1 18	19 35	3 54	6 19	1 5	21 10	1 40	23 13	0 26	4 51	1 35	2 0	15 5	15 53	16 21	9 36	2 42	3 14
S 13	2 59	7 5	2 45	13 10	0s 9	9 54	1 20	19 37	3 52	6 25	1 5	21 10	1 40	23 13	0 26	4 52	1 35	2 0	15 5	15 54	16 22	9 35	2 43	3 14
S 14	2 36	3 9	3 36	13 6	0 20	9 27	1 21	19 37	3 50	6 30	1 5	21 10	1 40	23 13	0 26	4 53	1 35	2 1	15 5	15 56	16 23	9 33	2 44	3 14
M15	2 12	0n55	4 18	13 0	0 31	9 0	1 21	19 38	3 48	6 35	1 4	21 10	1 40	23 13	0 26	4 54	1 35	2 1	15 4	15 58	16 24	9 31	2 46	3 14
T 16	1 48	4 59	4 48	12 52	0 41	8 32	1 22	19 38	3 45	6 41	1 4	21 10	1 40	23 13	0 26	4 54	1 35	2 2	15 4	16 0	16 25	9 29	2 47	3 13
W17	1 25	8 54	5 6	12 42	0 51	8 4	1 23	19 38	3 43	6 46	1 4	21 10	1 40	23 13	0 26	4 55	1 35	2 2	15 4	16 2	16 26	9 27	2 48	3 13
T 18	1 1	12 29	5 9	12 31	1 0	7 36	1 24	19 38	3 41	6 51	1 4	21 10	1 41	23 13	0 26	4 56	1 35	2 3	15 4	16 4	16 27	9 26	2 50	3 13
F 19	0 37	15 36	4 58	12 18	1 9	7 8	1 25	19 38	3 38	6 57	1 4	21 10	1 41	23 13	0 26	4 57	1 35	2 3	15 3	16 6	16 27	9 24	2 51	3 13
S 20	0 13	18 1	4 33	12 3	1 18	6 40	1 25	19 37	3 36	7 2	1 4	21 10	1 41	23 13	0 26	4 58	1 35	2 4	15 3	16 7	16 28	9 22	2 53	3 13
S 21	0n10	19 34	3 52	11 47	1 26	6 11	1 26	19 36	3 33	7 7	1 4	21 10	1 41	23 13	0 26	4 59	1 35	2 4	15 3	16 7	16 29	9 20	2 54	3 13
M22	0 34	20 3	2 58	11 29	1 33	5 42	1 26	19 35	3 31	7 13	1 4	21 10	1 41	23 13	0 26	5 0	1 35	2 5	15 3	16 7	16 30	9 18	2 55	3 13
T 23	0 58	19 22	1 52	11 10	1 40	5 14	1 27	19 34	3 29	7 18	1 4	21 9	1 41	23 13	0 26	5 0	1 35	2 5	15 2	16 7	16 31	9 16	2 57	3 13
W24	1 21	17 26	0 37	10 50	1 47	4 45	1 27	19 32	3 26	7 23	1 4	21 9	1 41	23 13	0 25	5 1	1 35	2 6	15 2	16 6	16 32	9 15	2 58	3 13
T 25	1 45	14 20	0n42	10 28	1 53	4 15	1 27	19 30	3 24	7 29	1 4	21 9	1 41	23 13	0 25	5 2	1 35	2 6	15 2	16 6	16 33	9 13	3 0	3 13
F 26	2 8	10 14	1 59	10 4	1 59	3 46	1 28	19 28	3 21	7 34	1 3	21 9	1 41	23 13	0 25	5 3	1 35	2 7	15 2	16 7	16 34	9 11	3 1	3 13
S 27	2 32	5 26	3 9	9 40	2 4	3 17	1 28	19 26	3 19	7 39	1 3	21 9	1 41	23 13	0 25	5 4	1 35	2 7	15 1	16 8	16 35	9 9	3 2	3 13
S 28	2 55	0 17	4 6	9 13	2 8	2 47	1 28	19 23	3 17	7 45	1 3	21 9	1 42	23 12	0 25	5 5	1 35	2 8	15 1	16 10	16 36	9 7	3 4	3 13
M29	3 19	4s51	4 45	8 46	2 13	2 18	1 28	19 21	3 14	7 50	1 3	21 9	1 42	23 12	0 25	5 6	1 35	2 8	15 1	16 12	16 37	9 5	3 5	3 13
T 30	3 42	9 35	5 4	8 17	2 16	1 48	1 28	19 18	3 12	7 55	1 3	21 9	1 42	23 12	0 25	5 6	1 35	2 9	15 1	16 15	16 38	9 4	3 7	3 13
W31	4n 5	13s38	5n 4	7s47	2s19	1s18	1s28	19n15	3n10	8n 1	1s 3	21s 9	1n42	23n12	0n25	5n 7	1s35	2n 9	15s 1	16n17	16n39	9s 2	3n 8	3n13

Julian Day Number = 2403757.5, Delta T = 3.35 sec
Ecliptic obliquity = 23°27'17, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°54'48, Lahiri = 22°01'48

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ASTRODIENST EPHEMERIS for the year 1869
geocentric

APRIL 1869 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 37 34	11♈18'24	6♐54	17♓ 8	1♈19	15♌28	23♈21	17°R 9	13♋22	16♈47	15♉44	15°R 5	13♌56	12♓59	0♈32	T 1
F 2	12 41 30	12°17'31	20°18	18°36	2°34	15°32	23°36	17♐ 8	13°23	16°49	15°45	15♌ 1	13°53	13° 6	0°35	F 2
S 3	12 45 27	13°16'36	3♑14	20° 6	3°48	15°37	23°50	17° 7	13°23	16°51	15°47	14°58	13°50	13°13	0°39	S 3
S 4	12 49 23	14°15'39	15°47	21°37	5° 2	15°42	24° 4	17° 6	13°24	16°54	15°48	14°D58	13°46	13°19	0°43	S 4
M 5	12 53 20	15°14'41	28° 0	23°10	6°17	15°49	24°19	17° 6	13°25	16°56	15°49	14°58	13°43	13°26	0°46	M 5
T 6	12 57 16	16°13'40	9♒59	24°45	7°31	15°56	24°33	17° 5	13°26	16°58	15°50	14°R59	13°40	13°33	0°50	T 6
W 7	13 1 13	17°12'38	21°50	26°21	8°45	16° 3	24°47	17° 4	13°27	17° 0	15°51	14°59	13°37	13°39	0°53	W 7
T 8	13 5 9	18°11'34	3♓37	27°58	10° 0	16°11	25° 2	17° 2	13°27	17° 3	15°53	14°57	13°34	13°46	0°57	T 8
F 9	13 9 6	19°10'29	15°24	29°37	11°14	16°20	25°16	17° 1	13°28	17° 5	15°54	14°53	13°30	13°53	1° 0	F 9
S 10	13 13 2	20° 9'21	27°14	1♈18	12°28	16°29	25°31	17° 0	13°29	17° 7	15°55	14°46	13°27	13°59	1° 4	S 10
S 11	13 16 59	21° 8'11	9♈11	3° 0	13°42	16°39	25°45	16°58	13°30	17° 9	15°56	14°36	13°24	14° 6	1° 7	S 11
M12	13 20 56	22° 7'00	21°17	4°44	14°57	16°49	26° 0	16°57	13°32	17°12	15°57	14°25	13°21	14°13	1°11	M12
T 13	13 24 52	23° 5'46	3♉32	6°29	16°11	17° 1	26°14	16°55	13°33	17°14	15°59	14°12	13°18	14°19	1°14	T 13
W14	13 28 49	24° 4'31	15°57	8°16	17°25	17°12	26°28	16°53	13°34	17°16	16° 0	14° 0	13°15	14°26	1°18	W14
T 15	13 32 45	25° 3'13	28°32	10° 4	18°39	17°24	26°43	16°51	13°35	17°18	16° 1	13°48	13°11	14°33	1°21	T 15
F 16	13 36 42	26° 1'54	11♊19	11°54	19°53	17°37	26°57	16°50	13°37	17°21	16° 3	13°39	13° 8	14°39	1°24	F 16
S 17	13 40 38	27° 0'32	24°18	13°46	21° 8	17°50	27°12	16°48	13°38	17°23	16° 4	13°33	13° 5	14°46	1°28	S 17
S 18	13 44 35	27°59'08	7♋31	15°39	22°22	18° 4	27°26	16°45	13°39	17°25	16° 5	13°29	13° 2	14°53	1°31	S 18
M19	13 48 31	28°57'42	20°58	17°34	23°36	18°18	27°41	16°43	13°41	17°27	16° 6	13°27	12°59	14°59	1°34	M19
T 20	13 52 28	29°56'14	4♌42	19°30	24°50	18°33	27°55	16°41	13°42	17°30	16° 8	13°D27	12°55	15° 6	1°38	T 20
W21	13 56 25	0♉54'43	18°44	21°28	26° 4	18°48	28° 9	16°39	13°44	17°32	16° 9	13°R27	12°52	15°13	1°41	W21
T 22	14 0 21	1°53'11	3♍ 4	23°27	27°18	19° 3	28°24	16°36	13°46	17°34	16°10	13°26	12°49	15°19	1°44	T 22
F 23	14 4 18	2°51'36	17°39	25°28	28°32	19°19	28°38	16°34	13°47	17°36	16°12	13°23	12°46	15°26	1°48	F 23
S 24	14 8 14	3°49'59	2♎27	27°31	29°46	19°36	28°53	16°31	13°49	17°38	16°13	13°17	12°43	15°33	1°51	S 24
S 25	14 12 11	4°48'19	17°19	29°34	1♉ 1	19°53	29° 7	16°28	13°51	17°41	16°14	13° 8	12°40	15°39	1°54	S 25
M26	14 16 7	5°46'38	2♏ 8	1♉39	2°15	20°10	29°21	16°26	13°52	17°43	16°16	12°58	12°36	15°46	1°57	M26
T 27	14 20 4	6°44'56	16°46	3°46	3°29	20°28	29°36	16°23	13°54	17°45	16°17	12°46	12°33	15°53	2° 0	T 27
W28	14 24 0	7°43'11	1♐ 4	5°53	4°43	20°46	29°50	16°20	13°56	17°47	16°18	12°35	12°30	15°59	2° 3	W28
T 29	14 27 57	8°41'25	14°57	8° 1	5°57	21° 5	0♉ 5	16°17	13°58	17°49	16°20	12°26	12°27	16° 6	2° 6	T 29
F 30	14 31 54	9♉39'37	28♐23	10♉10	7♉11	21♌24	0♉19	16♐14	14♋ 0	17♈52	16♉21	12♌18	12♌24	16♓13	2♈10	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n29	16s48	4n45	7s16	2s22	0s49	1s27	19n11	3n 7	8n 6	1s 3	21s 8	1n42	23n12	0n25	5n 8	1s35	2n10	15s 0	16n19	16n39	9s 0	3n 9	3n13
F 2	4 52	18 56	4 11	6 43	2 24	0 19	1 27	19 8	3 5	8 11	1 3	21 8	1 42	23 12	0 25	5 9	1 35	2 10	15 0	16 21	16 40	8 58	3 11	3 13
S 3	5 15	20 0	3 25	6 10	2 26	0n11	1 27	19 4	3 2	8 17	1 3	21 8	1 42	23 12	0 25	5 10	1 35	2 11	15 0	16 21	16 41	8 56	3 12	3 13
S 4	5 38	20 2	2 30	5 35	2 27	0 41	1 27	19 0	3 0	8 22	1 3	21 8	1 42	23 12	0 25	5 11	1 35	2 11	15 0	16 21	16 42	8 54	3 14	3 13
M 5	6 0	19 6	1 30	4 59	2 28	1 11	1 26	18 56	2 58	8 27	1 3	21 8	1 42	23 12	0 25	5 12	1 35	2 12	15 0	16 21	16 43	8 52	3 15	3 13
T 6	6 23	17 20	0 27	4 22	2 28	1 40	1 26	18 52	2 56	8 33	1 3	21 8	1 42	23 12	0 25	5 12	1 35	2 12	14 59	16 21	16 44	8 51	3 16	3 12
W 7	6 46	14 49	0s37	3 43	2 28	2 10	1 25	18 47	2 53	8 38	1 3	21 7	1 43	23 12	0 25	5 13	1 35	2 13	14 59	16 21	16 45	8 49	3 18	3 12
T 8	7 8	11 43	1 38	3 4	2 27	2 40	1 25	18 43	2 51	8 43	1 3	21 7	1 43	23 12	0 25	5 14	1 35	2 13	14 59	16 22	16 46	8 47	3 19	3 12
F 9	7 31	8 8	2 35	2 23	2 26	3 10	1 24	18 38	2 49	8 49	1 3	21 7	1 43	23 11	0 25	5 15	1 35	2 14	14 59	16 23	16 47	8 45	3 21	3 12
S 10	7 53	4 14	3 25	1 41	2 24	3 39	1 23	18 33	2 47	8 54	1 2	21 7	1 43	23 11	0 25	5 16	1 35	2 14	14 59	16 25	16 48	8 43	3 22	3 12
S 11	8 15	0 8	4 7	0 59	2 22	4 9	1 22	18 28	2 44	8 59	1 2	21 7	1 43	23 11	0 25	5 17	1 35	2 15	14 59	16 28	16 49	8 41	3 23	3 12
M12	8 37	4n 0	4 38	0 15	2 19	4 38	1 21	18 23	2 42	9 5	1 2	21 6	1 43	23 11	0 25	5 18	1 35	2 15	14 58	16 31	16 49	8 39	3 25	3 12
T 13	8 59	8 3	4 57	0n30	2 16	5 8	1 21	18 17	2 40	9 10	1 2	21 6	1 43	23 11	0 25	5 18	1 35	2 16	14 58	16 35	16 50	8 37	3 26	3 12
W14	9 21	11 48	5 2	1 15	2 12	5 37	1 20	18 12	2 38	9 15	1 2	21 6	1 43	23 11	0 25	5 19	1 35	2 16	14 58	16 38	16 51	8 36	3 27	3 12
T 15	9 42	15 6	4 52	2 2	2 8	6 6	1 19	18 6	2 36	9 20	1 2	21 6	1 43	23 11	0 25	5 20	1 35	2 17	14 58	16 42	16 52	8 34	3 29	3 12
F 16	10 4	17 44	4 28	2 49	2 3	6 35	1 17	18 0	2 34	9 26	1 2	21 5	1 43	23 11	0 25	5 21	1 35	2 17	14 58	16 44	16 53	8 32	3 30	3 12
S 17	10 25	19 31	3 50	3 37	1 58	7 4	1 16	17 54	2 32	9 31	1 2	21 5	1 43	23 10	0 25	5 22	1 35	2 18	14 58	16 46	16 54	8 30	3 31	3 12
S 18	10 46	20 16	2 58	4 26	1 52	7 33	1 15	17 48	2 30	9 36	1 2	21 5	1 44	23 10	0 25	5 23	1 35	2 18	14 58	16 47	16 55	8 28	3 33	3 12
M19	11 7	19 54	1 56	5 16	1 46	8 1	1 14	17 42	2 28	9 41	1 2	21 4	1 44	23 10	0 25	5 24	1 35	2 19	14 58	16 48	16 56	8 26	3 34	3 12
T 20	11 27	18 21	0 46	6 6	1 39	8 30	1 13	17 35	2 26	9 46	1 2	21 4	1 44	23 10	0 25	5 24	1 35	2 19	14 57	16 48	16 57	8 24	3 35	3 12
W21	11 48	15 40	0n28	6 57	1 32	8 58	1 11	17 28	2 24	9 52	1 2	21 4	1 44	23 10	0 25	5 25	1 35	2 19	14 57	16 48	16 58	8 22	3 37	3 12
T 22	12 8	11 58	1 42	7 49	1 24	9 26	1 10	17 22	2 22	9 57	1 2	21 4	1 44	23 10	0 25	5 26	1 35	2 20	14 57	16 48	16 58	8 20	3 38	3 13
F 23	12 28	7 30	2 50	8 41	1 16	9 54	1 8	17 15	2 20	10 2	1 2	21 3	1 44	23 9	0 25	5 27	1 35	2 20	14 57	16 49	16 59	8 19	3 39	3 13
S 24	12 48	2 31	3 48	9 33	1 7	10 21	1 7	17 8	2 18	10 7	1 2	21 3	1 44	23 9	0 25	5 28	1 35	2 21	14 57	16 51	17 0	8 17	3 41	3 13
S 25	13 8	2s38	4 31	10 25	0 58	10 49	1 5	17 0	2 16	10 12	1 2	21 3	1 44	23 9	0 25	5 29	1 35	2 21	14 57	16 53	17 1	8 15	3 42	3 13
M26	13 27	7 36	4 55	11 17	0 49	11 16	1 4	16 53	2 14	10 17	1 2	21 2	1 44	23 9	0 25	5 29	1 35	2 22	14 57	16 56	17 2	8 13	3 43	3 13
T 27	13 47	12 3	5 0	12 10	0 39	11 43	1 2	16 46	2 12	10 22	1 2	21 2	1 44	23 9	0 25	5 30	1 35	2 22	14 57	16 59	17 3	8 11	3 45	3 13
W28	14 6	15 44	4 45	13 2	0 29	12 9	1 0	16 38	2 10	10 27	1 2	21 2	1 44	23 8	0 25	5 31	1 35	2 23	14 57	17 2	17 4	8 9	3 46	3 13
T 29	14 24	18 24	4 14	13 53	0 19	12 35	0 59	16 30	2 8	10 32	1 2	21 1	1 44	23 8	0 25	5 32	1 35	2 23	14 57	17 5	17 5	8 7	3 47	3 13
F 30	14n43	19s57	3n30	14n44	0s 9	13n 1	0s57	16n22	2n 6	10n37	1s 2	21s 1	1n44	23n 8	0n25	5n33	1s35	2n23	14s57	17n 7	17n 6	8s 5	3n48	3n13

Julian Day Number = 2403788.5, Delta T = 3.24 sec
Ecliptic obliquity = 23°27'17, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°54'52, Lahiri = 22°01'52

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ASTRODIENST EPHEMERIS for the year 1869
geocentric

MAY 1869 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 50	10♉37'48	11♋23	12♉20	8♉25	21♌43	0♉33	16°R11	14♋ 2	17♈54	16♉22	12°R14	12♌21	16♓19	2♈13	S 1
S 2	14 39 47	11°35'57	23°59	14°30	9°39	22° 3	0°47	16♐ 8	14° 4	17°56	16°24	12♌12	12°17	16°26	2°16	S 2
M 3	14 43 43	12°34'05	6♒15	16°39	10°53	22°23	1° 2	16° 4	14° 6	17°58	16°25	12°11	12°14	16°33	2°19	M 3
T 4	14 47 40	13°32'12	18°16	18°49	12° 7	22°43	1°16	16° 1	14° 8	18° 0	16°26	12°11	12°11	16°39	2°21	T 4
W 5	14 51 36	14°30'16	0♓ 8	20°58	13°21	23° 4	1°30	15°58	14°11	18° 2	16°28	12°10	12° 8	16°46	2°24	W 5
T 6	14 55 33	15°28'20	11°56	23° 6	14°35	23°25	1°44	15°54	14°13	18° 4	16°29	12° 8	12° 5	16°53	2°27	T 6
F 7	14 59 29	16°26'22	23°45	25°13	15°49	23°47	1°59	15°51	14°15	18° 6	16°31	12° 4	12° 1	16°59	2°30	F 7
S 8	15 3 26	17°24'23	5♈40	27°19	17° 2	24° 8	2°13	15°47	14°17	18° 8	16°32	11°57	11°58	17° 6	2°33	S 8
S 9	15 7 23	18°22'22	17°44	29°23	18°16	24°31	2°27	15°43	14°20	18°10	16°33	11°47	11°55	17°13	2°36	S 9
M10	15 11 19	19°20'20	29°59	1♊25	19°30	24°53	2°41	15°40	14°22	18°12	16°35	11°35	11°52	17°19	2°38	M10
T 11	15 15 16	20°18'16	12♉27	3°24	20°44	25°16	2°55	15°36	14°25	18°14	16°36	11°22	11°49	17°26	2°41	T 11
W12	15 19 12	21°16'11	25° 9	5°22	21°58	25°39	3° 9	15°32	14°27	18°16	16°37	11° 9	11°46	17°33	2°44	W12
T 13	15 23 9	22°14'04	8♊ 3	7°17	23°12	26° 2	3°23	15°28	14°30	18°18	16°39	10°57	11°42	17°40	2°46	T 13
F 14	15 27 5	23°11'56	21° 9	9° 9	24°26	26°26	3°37	15°24	14°32	18°20	16°40	10°47	11°39	17°46	2°49	F 14
S 15	15 31 2	24° 9'47	4♋27	10°58	25°40	26°50	3°51	15°20	14°35	18°22	16°41	10°40	11°36	17°53	2°52	S 15
S 16	15 34 58	25° 7'35	17°56	12°44	26°54	27°14	4° 5	15°16	14°37	18°24	16°43	10°36	11°33	18° 0	2°54	S 16
M17	15 38 55	26° 5'23	1♌35	14°28	28° 7	27°39	4°19	15°12	14°40	18°26	16°44	10°34	11°30	18° 6	2°57	M17
T 18	15 42 52	27° 3'08	15°24	16° 8	29°21	28° 3	4°33	15° 8	14°43	18°28	16°45	10°D34	11°27	18°13	2°59	T 18
W19	15 46 48	28° 0'52	29°23	17°45	0♊35	28°29	4°47	15° 4	14°46	18°30	16°47	10°R34	11°23	18°20	3° 2	W19
T 20	15 50 45	28°58'33	13♍33	19°18	1°49	28°54	5° 0	15° 0	14°48	18°31	16°48	10°34	11°20	18°26	3° 4	T 20
F 21	15 54 41	29°56'14	27°51	20°49	3° 3	29°19	5°14	14°56	14°51	18°33	16°49	10°31	11°17	18°33	3° 6	F 21
S 22	15 58 38	0♊53'52	12♎16	22°16	4°17	29°45	5°28	14°52	14°54	18°35	16°51	10°26	11°14	18°40	3° 9	S 22
S 23	16 2 34	1°51'30	26°44	23°39	5°30	0♍11	5°42	14°47	14°57	18°37	16°52	10°18	11°11	18°46	3°11	S 23
M24	16 6 31	2°49'06	11♏ 8	25° 0	6°44	0°38	5°55	14°43	15° 0	18°39	16°53	10° 9	11° 7	18°53	3°13	M24
T 25	16 10 27	3°46'40	25°23	26°16	7°58	1° 4	6° 9	14°39	15° 3	18°40	16°55	9°59	11° 4	19° 0	3°15	T 25
W26	16 14 24	4°44'14	9♐23	27°30	9°12	1°31	6°22	14°34	15° 6	18°42	16°56	9°49	11° 1	19° 6	3°17	W26
T 27	16 18 21	5°41'46	23° 4	28°39	10°25	1°58	6°36	14°30	15° 9	18°44	16°57	9°40	10°58	19°13	3°19	T 27
F 28	16 22 17	6°39'17	6♑22	29°45	11°39	2°25	6°49	14°26	15°12	18°45	16°59	9°34	10°55	19°20	3°21	F 28
S 29	16 26 14	7°36'47	19°18	0♋48	12°53	2°53	7° 3	14°21	15°15	18°47	17° 0	9°29	10°52	19°26	3°23	S 29
S 30	16 30 10	8°34'17	1♒53	1°46	14° 7	3°20	7°16	14°17	15°18	18°49	17° 1	9°27	10°48	19°33	3°25	S 30
M31	16 34 7	9♊31'45	14♒10	2♋41	15♊20	3♍48	7♉29	14♐12	15♋21	18♈50	17♉ 2	9°D27	10♌45	19♓40	3♈27	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 1	20s23	2n35	15n35	0n 2	13n27	0s55	16n14	2n 5	10n42	1s 2	21s 0	1n44	23n 8	0n25	5n33	1s35	2n24	14s57	17n 8	17n 7	8s 3	3n50	3n13
S 2	15 19	19 46	1 35	16 24	0 12	13 52	0 53	16 6	2 3	10 47	1 2	21 0	1 44	23 7	0 25	5 34	1 35	2 24	14 56	17 9	17 7	8 1	3 51	3 13
M 3	15 37	18 13	0 31	17 12	0 23	14 17	0 51	15 58	2 1	10 52	1 2	21 0	1 44	23 7	0 25	5 35	1 35	2 25	14 56	17 9	17 8	7 59	3 52	3 13
T 4	15 55	15 52	0s32	17 58	0 34	14 42	0 49	15 50	1 59	10 57	1 2	20 59	1 44	23 7	0 25	5 36	1 35	2 25	14 56	17 9	17 9	7 57	3 53	3 13
W 5	16 12	12 54	1 34	18 43	0 44	15 6	0 47	15 41	1 57	11 2	1 2	20 59	1 44	23 7	0 25	5 36	1 35	2 25	14 56	17 9	17 10	7 55	3 54	3 13
T 6	16 29	9 25	2 31	19 26	0 54	15 30	0 45	15 33	1 56	11 7	1 2	20 59	1 45	23 7	0 25	5 37	1 35	2 26	14 56	17 10	17 11	7 54	3 56	3 13
F 7	16 46	5 33	3 21	20 7	1 4	15 54	0 43	15 24	1 54	11 12	1 2	20 58	1 45	23 6	0 25	5 38	1 35	2 26	14 56	17 11	17 12	7 52	3 57	3 13
S 8	17 2	1 28	4 3	20 46	1 13	16 17	0 41	15 15	1 52	11 17	1 2	20 58	1 45	23 6	0 25	5 39	1 36	2 27	14 56	17 13	17 13	7 50	3 58	3 13
S 9	17 18	2n44	4 35	21 22	1 22	16 39	0 39	15 6	1 51	11 22	1 2	20 57	1 45	23 6	0 25	5 39	1 36	2 27	14 56	17 16	17 14	7 48	3 59	3 13
M10	17 34	6 53	4 54	21 56	1 31	17 2	0 37	14 57	1 49	11 27	1 2	20 57	1 45	23 5	0 25	5 40	1 36	2 27	14 56	17 19	17 15	7 46	4 0	3 13
T 11	17 50	10 49	5 0	22 28	1 39	17 23	0 35	14 48	1 47	11 31	1 2	20 57	1 45	23 5	0 25	5 41	1 36	2 28	14 56	17 23	17 15	7 44	4 1	3 13
W12	18 5	14 20	4 52	22 57	1 46	17 45	0 33	14 38	1 46	11 36	1 2	20 56	1 45	23 5	0 25	5 42	1 36	2 28	14 56	17 26	17 16	7 42	4 3	3 13
T 13	18 20	17 15	4 28	23 24	1 53	18 6	0 30	14 29	1 44	11 41	1 2	20 56	1 45	23 5	0 25	5 42	1 36	2 28	14 56	17 30	17 17	7 40	4 4	3 13
F 14	18 35	19 20	3 50	23 48	1 59	18 26	0 28	14 19	1 43	11 46	1 2	20 55	1 45	23 4	0 25	5 43	1 36	2 29	14 56	17 32	17 18	7 38	4 5	3 14
S 15	18 49	20 24	2 59	24 9	2 4	18 46	0 26	14 10	1 41	11 50	1 2	20 55	1 45	23 4	0 25	5 44	1 36	2 29	14 56	17 34	17 19	7 36	4 6	3 14
S 16	19 4	20 19	1 57	24 28	2 9	19 6	0 24	14 0	1 40	11 55	1 2	20 54	1 45	23 4	0 25	5 44	1 36	2 29	14 56	17 35	17 20	7 34	4 7	3 14
M17	19 17	19 3	0 48	24 44	2 12	19 25	0 21	13 50	1 38	12 0	1 2	20 54	1 45	23 3	0 25	5 45	1 36	2 30	14 56	17 36	17 21	7 32	4 8	3 14
T 18	19 31	16 38	0n26	24 58	2 15	19 43	0 19	13 40	1 36	12 4	1 2	20 53	1 45	23 3	0 25	5 46	1 36	2 30	14 56	17 36	17 22	7 30	4 9	3 14
W19	19 44	13 14	1 38	25 10	2 17	20 1	0 17	13 30	1 35	12 9	1 2	20 53	1 45	23 3	0 25	5 47	1 36	2 30	14 56	17 36	17 22	7 28	4 10	3 14
T 20	19 57	9 1	2 46	25 19	2 18	20 18	0 14	13 19	1 33	12 14	1 2	20 53	1 45	23 3	0 25	5 47	1 36	2 31	14 56	17 36	17 23	7 26	4 11	3 14
F 21	20 9	4 16	3 43	25 27	2 19	20 35	0 12	13 9	1 32	12 18	1 2	20 52	1 45	23 2	0 25	5 48	1 36	2 31	14 56	17 37	17 24	7 24	4 12	3 14
S 22	20 21	0s45	4 27	25 32	2 18	20 51	0 10	12 59	1 31	12 23	1 2	20 52	1 45	23 2	0 25	5 48	1 36	2 31	14 56	17 38	17 25	7 22	4 13	3 14
S 23	20 33	5 44	4 54	25 35	2 17	21 7	0 7	12 48	1 29	12 27	1 2	20 51	1 45	23 2	0 25	5 49	1 36	2 32	14 57	17 40	17 26	7 20	4 14	3 14
M24	20 44	10 23	5 3	25 36	2 15	21 22	0 5	12 37	1 28	12 32	1 2	20 51	1 45	23 1	0 25	5 50	1 36	2 32	14 57	17 43	17 27	7 18	4 15	3 14
T 25	20 55	14 23	4 52	25 36	2 12	21 37	0 2	12 27	1 26	12 36	1 2	20 50	1 45	23 1	0 25	5 50	1 36	2 32	14 57	17 45	17 28	7 16	4 16	3 14
W26	21 6	17 31	4 24	25 34	2 8	21 51	0 0	12 16	1 25	12 40	1 2	20 50	1 45	23 1	0 25	5 51	1 36	2 33	14 57	17 48	17 29	7 14	4 17	3 14
T 27	21 16	19 36	3 41	25 30	2 3	22 4	0n 2	12 5	1 23	12 45	1 2	20 49	1 44	23 0	0 25	5 52	1 36	2 33	14 57	17 50	17 29	7 12	4 18	3 15
F 28	21 26	20 31	2 47	25 25	1 58	22 16	0 5	11 54	1 22	12 49	1 2	20 49	1 44	23 0	0 25	5 52	1 36	2 33	14 57	17 52	17 30	7 10	4 19	3 15
S 29	21 36	20 19	1 46	25 18	1 51	22 29	0 7	11 43	1 21	12 53	1 2	20 49	1 44	23 0	0 25	5 53	1 36	2 33	14 57	17 53	17 31	7 8	4 20	3 15
S 30	21 45	19 6	0 40	25 10	1 44	22 40	0 10	11 31	1 19	12 58	1 2	20 48	1 44	22 59	0 25	5 53	1 36	2 34	14 57	17 54	17 32	7 6	4 20	3 15
M31	21n54	17s 0	0s25	25n 1	1n36	22n51	0n12	11n20	1n18	13n 2	1s 2	20s48	1n44	22n59	0n25	5n54	1s36	2n34	14s57	17n54	17n33	7s 4	4n21	3n15

Julian Day Number = 2403818.5, Delta T = 3.13 sec
Ecliptic obliquity = 23°27'16, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°54'56, Lahiri = 22°01'56

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ASTRODIENST EPHEMERIS for the year 1869
geocentric

JUNE 1869 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 3	10♊29'13	26♒12	3♋32	16♊34	4♍16	7♉42	14°R 8	15♋24	18♈52	17♉ 4	9♌28	10♌42	19♓46	3♈29	T 1
W 2	16 42 0	11°26'40	8♓ 6	4°19	17°48	4°44	7°55	14♐ 4	15°27	18°53	17° 5	9°R29	10°39	19°53	3°31	W 2
T 3	16 45 56	12°24'06	19°56	5° 1	19° 1	5°13	8° 9	13°59	15°30	18°55	17° 6	9°28	10°36	20° 0	3°33	T 3
F 4	16 49 53	13°21'32	1♈48	5°40	20°15	5°41	8°22	13°55	15°33	18°56	17° 7	9°27	10°33	20° 6	3°34	F 4
S 5	16 53 50	14°18'57	13°46	6°14	21°29	6°10	8°35	13°50	15°37	18°58	17° 9	9°23	10°29	20°13	3°36	S 5
S 6	16 57 46	15°16'21	25°55	6°44	22°42	6°39	8°48	13°46	15°40	18°59	17°10	9°16	10°26	20°20	3°38	S 6
M 7	17 1 43	16°13'45	8♉18	7°10	23°56	7° 9	9° 0	13°41	15°43	19° 1	17°11	9° 9	10°23	20°26	3°39	M 7
T 8	17 5 39	17°11'08	20°56	7°31	25°10	7°38	9°13	13°37	15°46	19° 2	17°12	9° 0	10°20	20°33	3°41	T 8
W 9	17 9 36	18° 8'30	3♊53	7°48	26°24	8° 8	9°26	13°32	15°50	19° 4	17°14	8°51	10°17	20°40	3°42	W 9
T 10	17 13 32	19° 5'52	17° 6	8° 0	27°37	8°37	9°39	13°28	15°53	19° 5	17°15	8°43	10°13	20°46	3°44	T 10
F 11	17 17 29	20° 3'13	0♋34	8° 8	28°51	9° 7	9°51	13°24	15°56	19° 6	17°16	8°36	10°10	20°53	3°45	F 11
S 12	17 21 25	21° 0'34	14°16	8°R11	0♋ 5	9°38	10° 4	13°19	16° 0	19° 8	17°17	8°32	10° 7	21° 0	3°46	S 12
S 13	17 25 22	21°57'53	28° 8	8° 9	1°18	10° 8	10°16	13°15	16° 3	19° 9	17°18	8°29	10° 4	21° 6	3°48	S 13
M14	17 29 19	22°55'12	12♌ 8	8° 3	2°32	10°38	10°29	13°11	16° 7	19°10	17°19	8°D29	10° 1	21°13	3°49	M14
T 15	17 33 15	23°52'30	26°13	7°53	3°45	11° 9	10°41	13° 6	16°10	19°11	17°20	8°30	9°58	21°20	3°50	T 15
W16	17 37 12	24°49'47	10♍22	7°39	4°59	11°40	10°53	13° 2	16°14	19°13	17°22	8°31	9°54	21°26	3°51	W16
T 17	17 41 8	25°47'03	24°32	7°20	6°13	12°11	11° 5	12°58	16°17	19°14	17°23	8°R32	9°51	21°33	3°52	T 17
F 18	17 45 5	26°44'18	8♎43	6°58	7°26	12°42	11°18	12°53	16°20	19°15	17°24	8°31	9°48	21°40	3°53	F 18
S 19	17 49 1	27°41'33	22°53	6°33	8°40	13°13	11°30	12°49	16°24	19°16	17°25	8°29	9°45	21°47	3°54	S 19
S 20	17 52 58	28°38'46	6♏58	6° 5	9°54	13°45	11°42	12°45	16°27	19°17	17°26	8°25	9°42	21°53	3°55	S 20
M21	17 56 54	29°36'00	20°56	5°34	11° 7	14°16	11°53	12°41	16°31	19°18	17°27	8°20	9°38	22° 0	3°56	M21
T 22	18 0 51	0♋33'12	4♐43	5° 1	12°21	14°48	12° 5	12°37	16°34	19°19	17°28	8°14	9°35	22° 7	3°57	T 22
W23	18 4 48	1°30'25	18°18	4°27	13°34	15°20	12°17	12°33	16°38	19°20	17°29	8° 8	9°32	22°13	3°58	W23
T 24	18 8 44	2°27'36	1♑37	3°52	14°48	15°52	12°28	12°28	16°42	19°21	17°30	8° 3	9°29	22°20	3°59	T 24
F 25	18 12 41	3°24'48	14°39	3°16	16° 1	16°24	12°40	12°24	16°45	19°22	17°31	7°59	9°26	22°27	3°59	F 25
S 26	18 16 37	4°21'59	27°24	2°41	17°15	16°56	12°51	12°21	16°49	19°23	17°32	7°57	9°23	22°33	4° 0	S 26
S 27	18 20 34	5°19'11	9♒51	2° 7	18°29	17°29	13° 3	12°17	16°52	19°24	17°33	7°D57	9°19	22°40	4° 0	S 27
M28	18 24 30	6°16'22	22° 5	1°35	19°42	18° 1	13°14	12°13	16°56	19°24	17°34	7°58	9°16	22°47	4° 1	M28
T 29	18 28 27	7°13'33	4♓ 6	1° 4	20°56	18°34	13°25	12° 9	17° 0	19°25	17°35	7°59	9°13	22°53	4° 1	T 29
W30	18 32 23	8♋10'44	16♓ 0	0♋36	22♋ 9	19♍ 7	13♉36	12♐ 5	17♋ 3	19♈26	17♉36	8♌ 1	9♌10	23♓ 0	4♈ 2	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 2	14s11	1s29	24n51	1n27	23n 1	0n14	11n 8	1n17	13n 6	1s 2	20s47	1n44	22n58	0n25	5n54	1s36	2n34	14s57	17n54	17n34	7s 2	4n22	3n15
W 2	22 10	10 49	2 27	24 40	1 17	23 10	0 17	10 57	1 15	13 10	1 3	20 47	1 44	22 58	0 25	5 55	1 36	2 34	14 57	17 53	17 35	7 0	4 23	3 15
T 3	22 18	7 3	3 19	24 28	1 7	23 19	0 19	10 45	1 14	13 15	1 3	20 46	1 44	22 58	0 25	5 56	1 37	2 35	14 57	17 54	17 35	6 58	4 24	3 15
F 4	22 25	3 0	4 3	24 15	0 55	23 27	0 21	10 33	1 13	13 19	1 3	20 46	1 44	22 57	0 25	5 56	1 37	2 35	14 57	17 54	17 36	6 56	4 25	3 15
S 5	22 32	1n11	4 37	24 2	0 43	23 35	0 24	10 21	1 11	13 23	1 3	20 45	1 44	22 57	0 25	5 57	1 37	2 35	14 58	17 55	17 37	6 54	4 25	3 15
S 6	22 38	5 23	4 58	23 48	0 31	23 41	0 26	10 10	1 10	13 27	1 3	20 45	1 44	22 57	0 25	5 57	1 37	2 35	14 58	17 57	17 38	6 52	4 26	3 16
M 7	22 45	9 27	5 6	23 33	0 17	23 47	0 28	9 57	1 9	13 31	1 3	20 44	1 44	22 56	0 25	5 58	1 37	2 35	14 58	17 59	17 39	6 50	4 27	3 16
T 8	22 50	13 11	5 0	23 17	0 3	23 53	0 31	9 45	1 8	13 35	1 3	20 44	1 44	22 56	0 25	5 58	1 37	2 36	14 58	18 1	17 40	6 48	4 27	3 16
W 9	22 55	16 23	4 38	23 2	0s12	23 57	0 33	9 33	1 6	13 39	1 3	20 43	1 44	22 55	0 25	5 59	1 37	2 36	14 58	18 3	17 41	6 46	4 28	3 16
T 10	23 0	18 50	4 1	22 46	0 27	24 1	0 35	9 21	1 5	13 43	1 3	20 43	1 44	22 55	0 25	5 59	1 37	2 36	14 58	18 6	17 42	6 44	4 29	3 16
F 11	23 5	20 17	3 10	22 30	0 43	24 4	0 37	9 8	1 4	13 47	1 3	20 43	1 44	22 55	0 25	5 59	1 37	2 36	14 58	18 7	17 42	6 42	4 29	3 16
S 12	23 9	20 35	2 7	22 13	0 59	24 7	0 40	8 56	1 3	13 51	1 3	20 42	1 43	22 54	0 25	6 0	1 37	2 36	14 58	18 9	17 43	6 40	4 30	3 16
S 13	23 13	19 38	0 56	21 57	1 15	24 9	0 42	8 43	1 1	13 55	1 3	20 42	1 43	22 54	0 25	6 0	1 37	2 36	14 59	18 9	17 44	6 38	4 31	3 16
M14	23 16	17 29	0n20	21 41	1 32	24 10	0 44	8 31	1 0	13 58	1 3	20 41	1 43	22 53	0 25	6 1	1 37	2 37	14 59	18 9	17 45	6 36	4 31	3 16
T 15	23 19	14 16	1 35	21 25	1 49	24 10	0 46	8 18	0 59	14 2	1 3	20 41	1 43	22 53	0 25	6 1	1 37	2 37	14 59	18 9	17 46	6 34	4 32	3 17
W16	23 21	10 13	2 44	21 9	2 6	24 10	0 48	8 5	0 58	14 6	1 3	20 40	1 43	22 53	0 25	6 2	1 37	2 37	14 59	18 9	17 47	6 32	4 32	3 17
T 17	23 23	5 35	3 43	20 53	2 22	24 9	0 50	7 52	0 57	14 10	1 3	20 40	1 43	22 52	0 25	6 2	1 37	2 37	14 59	18 9	17 47	6 30	4 33	3 17
F 18	23 25	0 40	4 29	20 38	2 39	24 7	0 52	7 39	0 56	14 13	1 4	20 40	1 43	22 52	0 25	6 2	1 37	2 37	14 59	18 9	17 48	6 28	4 33	3 17
S 19	23 26	4s16	4 59	20 23	2 54	24 4	0 54	7 26	0 54	14 17	1 4	20 39	1 43	22 51	0 25	6 3	1 37	2 37	15 0	18 9	17 49	6 26	4 34	3 17
S 20	23 27	8 58	5 10	20 9	3 10	24 1	0 56	7 13	0 53	14 20	1 4	20 39	1 43	22 51	0 25	6 3	1 37	2 37	15 0	18 10	17 50	6 24	4 34	3 17
M21	23 27	13 8	5 3	19 56	3 24	23 57	0 58	7 0	0 52	14 24	1 4	20 38	1 42	22 50	0 25	6 3	1 37	2 38	15 0	18 12	17 51	6 22	4 35	3 17
T 22	23 27	16 32	4 38	19 44	3 38	23 53	1 0	6 46	0 51	14 28	1 4	20 38	1 42	22 50	0 25	6 4	1 37	2 38	15 0	18 13	17 52	6 20	4 35	3 17
W23	23 27	19 0	3 58	19 32	3 51	23 47	1 2	6 33	0 50	14 31	1 4	20 37	1 42	22 50	0 25	6 4	1 38	2 38	15 0	18 15	17 53	6 18	4 36	3 17
T 24	23 26	20 22	3 5	19 22	4 2	23 41	1 4	6 20	0 49	14 34	1 4	20 37	1 42	22 49	0 25	6 4	1 38	2 38	15 1	18 16	17 53	6 16	4 36	3 18
F 25	23 25	20 36	2 4	19 12	4 13	23 35	1 5	6 6	0 48	14 38	1 4	20 37	1 42	22 49	0 25	6 5	1 38	2 38	15 1	18 17	17 54	6 14	4 36	3 18
S 26	23 23	19 45	0 57	19 4	4 22	23 27	1 7	5 53	0 47	14 41	1 4	20 36	1 42	22 48	0 25	6 5	1 38	2 38	15 1	18 17	17 55	6 12	4 37	3 18
S 27	23 21	17 57	0s10	18 57	4 29	23 19	1 9	5 39	0 46	14 45	1 4	20 36	1 42	22 48	0 25	6 5	1 38	2 38	15 1	18 18	17 56	6 10	4 37	3 18
M28	23 18	15 22	1 17	18 52	4 35	23 10	1 10	5 25	0 44	14 48	1 4	20 36	1 42	22 47	0 25	6 5	1 38	2 38	15 1	18 17	17 57	6 8	4 37	3 18
T 29	23 15	12 9	2 18	18 47	4 40	23 1	1 12	5 11	0 43	14 51	1 5	20 35	1 41	22 47	0 25	6 6	1 38	2 38	15 2	18 17	17 58	6 5	4 38	3 18
W30	23n12	8s30	3s14	18n45	4s43	22n50	1n14	4n58	0n42	14n54	1s 5	20s35	1n41	22n46	0n25	6n 6	1s38	2n38	15s 2	18n17	17n58	6s 3	4n38	3n18

Julian Day Number = 2403849.5, Delta T = 3.03 sec
Ecliptic obliquity = 23°27'16, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°55'00, Lahiri = 22°02'01

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ASTRODIENST EPHEMERIS for the year 1869
geocentric

JULY 1869 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 36 20	9♋ 7'56	27♓51	0°R11	23♋23	19♍40	13♉47	12°R 1	17♋ 7	19♈27	17♉37	8♌ 2	9♌ 7	23♓ 7	4♈ 2	T 1
F 2	18 40 17	10° 5'07	9♈44	29♊50	24°36	20°13	13°58	11♐58	17°10	19°27	17°38	8°R 3	9° 4	23°13	4° 2	F 2
S 3	18 44 13	11° 2'19	21°43	29°32	25°50	20°46	14° 9	11°54	17°14	19°28	17°39	8° 2	9° 0	23°20	4° 3	S 3
S 4	18 48 10	11°59'31	3♉53	29°19	27° 3	21°20	14°20	11°51	17°18	19°29	17°40	8° 1	8°57	23°27	4° 3	S 4
M 5	18 52 6	12°56'44	16°19	29°11	28°17	21°53	14°30	11°47	17°21	19°29	17°40	7°58	8°54	23°33	4° 3	M 5
T 6	18 56 3	13°53'57	29° 3	29°D 7	29°30	22°27	14°41	11°44	17°25	19°30	17°41	7°55	8°51	23°40	4° 3	T 6
W 7	18 59 59	14°51'10	12♊ 8	29° 8	0♌44	23° 1	14°51	11°40	17°29	19°30	17°42	7°51	8°48	23°47	4°R 3	W 7
T 8	19 3 56	15°48'23	25°34	29°14	1°57	23°34	15° 1	11°37	17°32	19°31	17°43	7°48	8°44	23°54	4° 3	T 8
F 9	19 7 52	16°45'37	9♋21	29°26	3°11	24° 8	15°12	11°34	17°36	19°31	17°44	7°45	8°41	24° 0	4° 3	F 9
S 10	19 11 49	17°42'51	23°25	29°43	4°24	24°43	15°22	11°31	17°40	19°32	17°44	7°44	8°38	24° 7	4° 3	S 10
S 11	19 15 46	18°40'05	7♌42	0♋ 5	5°38	25°17	15°32	11°28	17°43	19°32	17°45	7°D44	8°35	24°14	4° 3	S 11
M12	19 19 42	19°37'19	22° 8	0°32	6°51	25°51	15°41	11°25	17°47	19°33	17°46	7°44	8°32	24°20	4° 2	M12
T 13	19 23 39	20°34'34	6♍38	1° 5	8° 5	26°26	15°51	11°22	17°50	19°33	17°47	7°45	8°29	24°27	4° 2	T 13
W14	19 27 35	21°31'48	21° 6	1°43	9°18	27° 0	16° 1	11°19	17°54	19°33	17°47	7°46	8°25	24°34	4° 2	W14
T 15	19 31 32	22°29'03	5♎28	2°26	10°32	27°35	16°10	11°16	17°58	19°34	17°48	7°47	8°22	24°40	4° 1	T 15
F 16	19 35 28	23°26'17	19°42	3°14	11°45	28°10	16°19	11°13	18° 1	19°34	17°49	7°R47	8°19	24°47	4° 1	F 16
S 17	19 39 25	24°23'32	3♏46	4° 8	12°58	28°45	16°29	11°11	18° 5	19°34	17°49	7°47	8°16	24°54	4° 0	S 17
S 18	19 43 21	25°20'47	17°37	5° 6	14°12	29°20	16°38	11° 8	18° 9	19°34	17°50	7°47	8°13	25° 0	4° 0	S 18
M19	19 47 18	26°18'02	1♐14	6°10	15°25	29°55	16°47	11° 5	18°12	19°34	17°51	7°45	8°10	25° 7	3°59	M19
T 20	19 51 15	27°15'18	14°38	7°19	16°39	0♎30	16°56	11° 3	18°16	19°35	17°51	7°44	8° 6	25°14	3°59	T 20
W21	19 55 11	28°12'34	27°47	8°32	17°52	1° 6	17° 4	11° 1	18°20	19°35	17°52	7°43	8° 3	25°20	3°58	W21
T 22	19 59 8	29° 9'50	10♑43	9°50	19° 5	1°41	17°13	10°59	18°23	19°35	17°52	7°42	8° 0	25°27	3°57	T 22
F 23	20 3 4	0♌ 7'07	23°25	11°13	20°19	2°17	17°21	10°56	18°27	19°R35	17°53	7°41	7°57	25°34	3°56	F 23
S 24	20 7 1	1° 4'25	5♒53	12°41	21°32	2°52	17°30	10°54	18°30	19°35	17°53	7°D41	7°54	25°40	3°55	S 24
S 25	20 10 57	2° 1'43	18°10	14°12	22°45	3°28	17°38	10°52	18°34	19°35	17°54	7°41	7°50	25°47	3°55	S 25
M26	20 14 54	2°59'02	0♓16	15°48	23°59	4° 4	17°46	10°50	18°37	19°35	17°54	7°41	7°47	25°54	3°54	M26
T 27	20 18 51	3°56'21	12°14	17°28	25°12	4°40	17°54	10°49	18°41	19°35	17°55	7°42	7°44	26° 1	3°53	T 27
W28	20 22 47	4°53'42	24° 7	19°12	26°25	5°16	18° 2	10°47	18°45	19°34	17°55	7°42	7°41	26° 7	3°51	W28
T 29	20 26 44	5°51'03	5♈57	20°59	27°39	5°52	18° 9	10°45	18°48	19°34	17°56	7°43	7°38	26°14	3°50	T 29
F 30	20 30 40	6°48'26	17°50	22°49	28°52	6°29	18°17	10°44	18°52	19°34	17°56	7°43	7°35	26°21	3°49	F 30
S 31	20 34 37	7♌45'50	29♈48	24♋42	0♍ 5	7♎ 5	18♉24	10♐42	18♋55	19♈34	17♉56	7♌43	7♌31	26♓27	3♈48	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 8	4s32	4s 0	18n43	4s44	22n40	1n15	4n44	0n41	14n57	1s 5	20s35	1n41	22n46	0n25	6n 6	1s38	2n38	15s 2	18n16	17n59	6s 1	4n38	3n18
F 2	23 4	0 23	4 37	18 43	4 44	22 28	1 16	4 30	0 40	15 1	1 5	20 34	1 41	22 46	0 25	6 6	1 38	2 38	15 2	18 16	18 0	5 59	4 39	3 18
S 3	23 0	3n48	5 1	18 45	4 42	22 16	1 18	4 16	0 39	15 4	1 5	20 34	1 41	22 45	0 25	6 7	1 38	2 38	15 2	18 16	18 1	5 57	4 39	3 19
S 4	22 55	7 54	5 13	18 48	4 39	22 3	1 19	4 1	0 38	15 7	1 5	20 34	1 41	22 45	0 25	6 7	1 38	2 38	15 3	18 17	18 2	5 55	4 39	3 19
M 5	22 49	11 46	5 11	18 52	4 35	21 50	1 20	3 47	0 37	15 10	1 5	20 33	1 40	22 44	0 25	6 7	1 38	2 38	15 3	18 17	18 3	5 53	4 39	3 19
T 6	22 44	15 11	4 53	18 58	4 29	21 36	1 22	3 33	0 36	15 13	1 5	20 33	1 40	22 44	0 25	6 7	1 38	2 38	15 3	18 18	18 4	5 51	4 39	3 19
W 7	22 38	17 58	4 20	19 5	4 22	21 21	1 23	3 19	0 35	15 16	1 5	20 33	1 40	22 43	0 25	6 7	1 38	2 38	15 3	18 19	18 4	5 49	4 39	3 19
T 8	22 31	19 51	3 32	19 13	4 15	21 6	1 24	3 4	0 34	15 19	1 5	20 32	1 40	22 43	0 25	6 7	1 38	2 38	15 4	18 20	18 5	5 47	4 39	3 19
F 9	22 24	20 38	2 30	19 21	4 6	20 50	1 25	2 50	0 33	15 21	1 6	20 32	1 40	22 42	0 25	6 7	1 38	2 38	15 4	18 20	18 6	5 45	4 39	3 19
S 10	22 17	20 8	1 18	19 31	3 56	20 34	1 26	2 36	0 32	15 24	1 6	20 32	1 40	22 42	0 25	6 8	1 39	2 38	15 4	18 21	18 7	5 43	4 40	3 19
S 11	22 9	18 21	0 0	19 42	3 45	20 17	1 27	2 21	0 31	15 27	1 6	20 32	1 39	22 41	0 25	6 8	1 39	2 38	15 4	18 21	18 8	5 41	4 40	3 20
M12	22 1	15 23	1n19	19 53	3 34	19 59	1 28	2 7	0 30	15 30	1 6	20 31	1 39	22 41	0 25	6 8	1 39	2 38	15 4	18 21	18 8	5 38	4 40	3 20
T 13	21 53	11 27	2 33	20 5	3 22	19 41	1 28	1 52	0 29	15 32	1 6	20 31	1 39	22 40	0 25	6 8	1 39	2 38	15 5	18 21	18 9	5 36	4 40	3 20
W14	21 44	6 52	3 37	20 17	3 10	19 22	1 29	1 37	0 28	15 35	1 6	20 31	1 39	22 40	0 25	6 8	1 39	2 38	15 5	18 20	18 10	5 34	4 40	3 20
T 15	21 35	1 55	4 28	20 29	2 57	19 3	1 30	1 23	0 27	15 38	1 6	20 31	1 39	22 39	0 25	6 8	1 39	2 38	15 5	18 20	18 11	5 32	4 39	3 20
F 16	21 25	3s 4	5 1	20 42	2 43	18 43	1 30	1 8	0 26	15 40	1 6	20 31	1 39	22 39	0 25	6 8	1 39	2 38	15 5	18 20	18 12	5 30	4 39	3 20
S 17	21 15	7 50	5 16	20 54	2 29	18 23	1 31	0 53	0 25	15 43	1 7	20 30	1 38	22 39	0 25	6 8	1 39	2 38	15 6	18 20	18 13	5 28	4 39	3 20
S 18	21 5	12 6	5 12	21 6	2 16	18 2	1 31	0 38	0 24	15 45	1 7	20 30	1 38	22 38	0 25	6 8	1 39	2 38	15 6	18 20	18 13	5 26	4 39	3 20
M19	20 54	15 41	4 50	21 17	2 1	17 41	1 32	0 24	0 23	15 48	1 7	20 30	1 38	22 38	0 25	6 8	1 39	2 38	15 6	18 20	18 14	5 24	4 39	3 20
T 20	20 43	18 22	4 13	21 28	1 47	17 19	1 32	0 9	0 23	15 50	1 7	20 30	1 38	22 37	0 25	6 8	1 39	2 37	15 7	18 21	18 15	5 22	4 39	3 20
W21	20 32	20 3	3 23	21 38	1 33	16 57	1 32	0s 6	0 22	15 52	1 7	20 30	1 38	22 37	0 25	6 8	1 39	2 37	15 7	18 21	18 16	5 20	4 39	3 21
T 22	20 20	20 38	2 24	21 47	1 18	16 34	1 32	0 21	0 21	15 55	1 7	20 30	1 37	22 36	0 25	6 8	1 39	2 37	15 7	18 21	18 17	5 17	4 38	3 21
F 23	20 8	20 8	1 18	21 55	1 4	16 11	1 32	0 36	0 20	15 57	1 7	20 30	1 37	22 36	0 25	6 8	1 39	2 37	15 7	18 22	18 18	5 15	4 38	3 21
S 24	19 56	18 39	0 10	22 1	0 50	15 48	1 32	0 51	0 19	15 59	1 7	20 30	1 37	22 35	0 25	6 8	1 39	2 37	15 8	18 22	18 18	5 13	4 38	3 21
S 25	19 43	16 19	0s58	22 5	0 37	15 24	1 32	1 6	0 18	16 1	1 8	20 29	1 37	22 35	0 25	6 8	1 39	2 37	15 8	18 22	18 19	5 11	4 38	3 21
M26	19 30	13 17	2 2	22 8	0 23	14 59	1 32	1 21	0 17	16 3	1 8	20 29	1 37	22 34	0 25	6 8	1 39	2 37	15 8	18 22	18 20	5 9	4 37	3 21
T 27	19 17	9 45	3 0	22 9	0 10	14 35	1 32	1 37	0 16	16 5	1 8	20 29	1 36	22 34	0 25	6 8	1 40	2 37	15 8	18 21	18 21	5 7	4 37	3 21
W28	19 3	5 52	3 50	22 7	0n 3	14 9	1 32	1 52	0 15	16 7	1 8	20 29	1 36	22 33	0 25	6 8	1 40	2 36	15 9	18 21	18 22	5 5	4 37	3 21
T 29	18 49	1 46	4 30	22 3	0 15	13 44	1 32	2 7	0 14	16 9	1 8	20 29	1 36	22 33	0 25	6 7	1 40	2 36	15 9	18 21	18 22	5 3	4 36	3 21
F 30	18 35	2n24	4 59	21 57	0 26	13 18	1 31	2 22	0 14	16 11	1 8	20 29	1 36	22 32	0 25	6 7	1 40	2 36	15 9	18 21	18 23	5 1	4 36	3 21
S 31	18n20	6n30	5s14	21n48	0n37	12n52	1n31	2s37	0n13	16n13	1s 8	20s29	1n36	22n32	0n25	6n 7	1s40	2n36	15s10	18n21	18n24	4s58	4n36	3n22

Julian Day Number = 2403879.5, Delta T = 2.93 sec
Ecliptic obliquity = 23°27'16, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°55'04, Lahiri = 22°02'05

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ASTRODIENST EPHEMERIS for the year 1869
geocentric

AUGUST 1869 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 38 33	8♌43'15	11♉57	26♋38	1♍18	7♎42	18♉32	10°R41	18♋59	19°R33	17♉57	7♌43	7♌28	26♓34	3°R47	S 1
M 2	20 42 30	9°40'41	24°21	28°36	2°32	8°18	18°39	10♐40	19° 2	19♈33	17°57	7°43	7°25	26°41	3♈45	M 2
T 3	20 46 26	10°38'08	7♊ 5	0♌36	3°45	8°55	18°46	10°39	19° 6	19°33	17°57	7°43	7°22	26°47	3°44	T 3
W 4	20 50 23	11°35'37	20°10	2°37	4°58	9°32	18°52	10°37	19° 9	19°32	17°58	7°43	7°19	26°54	3°43	W 4
T 5	20 54 20	12°33'07	3♋40	4°40	6°11	10° 9	18°59	10°36	19°12	19°32	17°58	7°44	7°16	27° 1	3°41	T 5
F 6	20 58 16	13°30'38	17°35	6°43	7°24	10°46	19° 5	10°36	19°16	19°32	17°58	7°44	7°12	27° 7	3°40	F 6
S 7	21 2 13	14°28'11	1♌53	8°47	8°38	11°23	19°12	10°35	19°19	19°31	17°58	7°R44	7° 9	27°14	3°38	S 7
S 8	21 6 9	15°25'44	16°30	10°51	9°51	12° 0	19°18	10°34	19°23	19°31	17°59	7°44	7° 6	27°21	3°37	S 8
M 9	21 10 6	16°23'19	1♍20	12°54	11° 4	12°37	19°24	10°34	19°26	19°30	17°59	7°44	7° 3	27°28	3°35	M 9
T 10	21 14 2	17°20'54	16°14	14°58	12°17	13°15	19°30	10°33	19°29	19°30	17°59	7°43	7° 0	27°34	3°33	T 10
W11	21 17 59	18°18'31	1♎ 6	17° 1	13°30	13°52	19°35	10°33	19°33	19°29	17°59	7°42	6°56	27°41	3°32	W11
T 12	21 21 55	19°16'09	15°48	19° 3	14°43	14°30	19°41	10°32	19°36	19°28	17°59	7°41	6°53	27°48	3°30	T 12
F 13	21 25 52	20°13'47	0♏15	21° 4	15°56	15° 7	19°46	10°32	19°39	19°28	17°59	7°40	6°50	27°54	3°28	F 13
S 14	21 29 48	21°11'27	14°22	23° 5	17° 9	15°45	19°51	10°32	19°43	19°27	17°59	7°39	6°47	28° 1	3°26	S 14
S 15	21 33 45	22° 9'07	28° 9	25° 4	18°22	16°23	19°56	10°D32	19°46	19°26	18° 0	7°D39	6°44	28° 8	3°24	S 15
M16	21 37 42	23° 6'49	11♐36	27° 2	19°35	17° 1	20° 1	10°32	19°49	19°26	18° 0	7°40	6°41	28°14	3°22	M16
T 17	21 41 38	24° 4'31	24°43	28°59	20°48	17°39	20° 5	10°32	19°52	19°25	18° 0	7°41	6°37	28°21	3°20	T 17
W18	21 45 35	25° 2'15	7♑34	0♍54	22° 1	18°17	20°10	10°32	19°55	19°24	18°R 0	7°42	6°34	28°28	3°18	W18
T 19	21 49 31	26° 0'00	20°10	2°49	23°14	18°55	20°14	10°33	19°58	19°23	18° 0	7°43	6°31	28°34	3°16	T 19
F 20	21 53 28	26°57'46	2♒34	4°41	24°27	19°33	20°18	10°33	20° 2	19°22	18° 0	7°R44	6°28	28°41	3°14	F 20
S 21	21 57 24	27°55'34	14°47	6°33	25°40	20°12	20°22	10°34	20° 5	19°22	17°59	7°44	6°25	28°48	3°12	S 21
S 22	22 1 21	28°53'23	26°52	8°23	26°53	20°50	20°26	10°35	20° 8	19°21	17°59	7°43	6°22	28°55	3°10	S 22
M23	22 5 17	29°51'13	8♓50	10°12	28° 6	21°29	20°29	10°35	20°11	19°20	17°59	7°41	6°18	29° 1	3° 8	M23
T 24	22 9 14	0♍49'05	20°44	11°59	29°19	22° 8	20°33	10°36	20°14	19°19	17°59	7°37	6°15	29° 8	3° 6	T 24
W25	22 13 11	1°46'58	2♈35	13°45	0♎31	22°46	20°36	10°37	20°17	19°18	17°59	7°34	6°12	29°15	3° 3	W25
T 26	22 17 7	2°44'53	14°26	15°30	1°44	23°25	20°39	10°38	20°20	19°17	17°59	7°29	6° 9	29°21	3° 1	T 26
F 27	22 21 4	3°42'50	26°19	17°14	2°57	24° 4	20°42	10°39	20°22	19°16	17°59	7°25	6° 6	29°28	2°59	F 27
S 28	22 25 0	4°40'49	8♉17	18°56	4°10	24°43	20°44	10°41	20°25	19°15	17°59	7°22	6° 2	29°35	2°56	S 28
S 29	22 28 57	5°38'49	20°25	20°37	5°23	25°22	20°47	10°42	20°28	19°14	17°58	7°20	5°59	29°41	2°54	S 29
M30	22 32 53	6°36'51	2♊46	22°16	6°35	26° 1	20°49	10°43	20°31	19°13	17°58	7°D19	5°56	29°48	2°52	M30
T 31	22 36 50	7♍34'56	15♊25	23♍55	7♎48	26♎40	20♉51	10♐45	20♋34	19♈11	17♉58	7♌19	5♌53	29♓55	2♈49	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 5	10n24	5s16	21n37	0n47	12n25	1n30	2s52	0n12	16n15	1s 9	20s29	1n35	22n31	0n25	6n 7	1s40	2n36	15s10	18n21	18n25	4s56	4n35	3n22
M 2	17 50	13 57	5 4	21 22	0 56	11 58	1 30	3 8	0 11	16 17	1 9	20 29	1 35	22 31	0 25	6 7	1 40	2 36	15 10	18 21	18 26	4 54	4 35	3 22
T 3	17 35	16 57	4 37	21 6	1 5	11 31	1 29	3 23	0 10	16 19	1 9	20 29	1 35	22 30	0 25	6 7	1 40	2 35	15 10	18 21	18 27	4 52	4 34	3 22
W 4	17 19	19 12	3 54	20 46	1 13	11 4	1 28	3 38	0 9	16 20	1 9	20 29	1 35	22 30	0 25	6 6	1 40	2 35	15 11	18 21	18 27	4 50	4 34	3 22
T 5	17 3	20 26	2 58	20 24	1 20	10 36	1 27	3 53	0 8	16 22	1 9	20 30	1 35	22 30	0 25	6 6	1 40	2 35	15 11	18 21	18 28	4 48	4 33	3 22
F 6	16 47	20 29	1 50	19 59	1 26	10 8	1 26	4 9	0 8	16 24	1 9	20 30	1 34	22 29	0 25	6 6	1 40	2 35	15 11	18 21	18 29	4 46	4 33	3 22
S 7	16 30	19 14	0 32	19 32	1 31	9 40	1 25	4 24	0 7	16 25	1 10	20 30	1 34	22 29	0 25	6 6	1 40	2 35	15 12	18 21	18 30	4 43	4 32	3 22
S 8	16 13	16 40	0n48	19 3	1 35	9 11	1 24	4 39	0 6	16 27	1 10	20 30	1 34	22 28	0 25	6 6	1 40	2 34	15 12	18 21	18 31	4 41	4 32	3 22
M 9	15 56	12 59	2 7	18 32	1 39	8 42	1 23	4 55	0 5	16 28	1 10	20 30	1 34	22 28	0 25	6 5	1 40	2 34	15 12	18 21	18 31	4 39	4 31	3 22
T 10	15 39	8 28	3 18	17 59	1 42	8 13	1 22	5 10	0 4	16 30	1 10	20 30	1 33	22 27	0 25	6 5	1 40	2 34	15 12	18 21	18 32	4 37	4 31	3 22
W11	15 21	3 27	4 14	17 24	1 44	7 44	1 21	5 25	0 3	16 31	1 10	20 30	1 33	22 27	0 25	6 5	1 40	2 34	15 13	18 21	18 33	4 35	4 30	3 22
T 12	15 3	1s42	4 54	16 47	1 45	7 15	1 19	5 41	0 3	16 32	1 10	20 30	1 33	22 26	0 25	6 4	1 40	2 33	15 13	18 22	18 34	4 33	4 29	3 23
F 13	14 45	6 40	5 14	16 9	1 46	6 45	1 18	5 56	0 2	16 33	1 10	20 31	1 33	22 26	0 25	6 4	1 41	2 33	15 13	18 22	18 35	4 31	4 29	3 23
S 14	14 27	11 9	5 14	15 30	1 46	6 15	1 17	6 11	0 1	16 35	1 11	20 31	1 33	22 25	0 25	6 4	1 41	2 33	15 14	18 22	18 35	4 28	4 28	3 23
S 15	14 8	14 56	4 57	14 49	1 45	5 45	1 15	6 27	0 0	16 36	1 11	20 31	1 32	22 25	0 25	6 4	1 41	2 33	15 14	18 22	18 36	4 26	4 27	3 23
M16	13 49	17 51	4 23	14 8	1 44	5 15	1 13	6 42	0s 1	16 37	1 11	20 31	1 32	22 24	0 25	6 3	1 41	2 32	15 14	18 22	18 37	4 24	4 27	3 23
T 17	13 30	19 45	3 36	13 25	1 42	4 45	1 12	6 57	0 1	16 38	1 11	20 31	1 32	22 24	0 25	6 3	1 41	2 32	15 14	18 22	18 38	4 22	4 26	3 23
W18	13 11	20 35	2 39	12 42	1 39	4 14	1 10	7 12	0 2	16 39	1 11	20 32	1 32	22 24	0 25	6 3	1 41	2 32	15 15	18 21	18 39	4 20	4 25	3 23
T 19	12 52	20 22	1 36	11 58	1 36	3 44	1 8	7 28	0 3	16 40	1 11	20 32	1 32	22 23	0 25	6 2	1 41	2 31	15 15	18 21	18 39	4 18	4 24	3 23
F 20	12 32	19 8	0 29	11 14	1 33	3 13	1 6	7 43	0 4	16 41	1 12	20 32	1 31	22 23	0 25	6 2	1 41	2 31	15 15	18 21	18 40	4 15	4 24	3 23
S 21	12 12	17 2	0s39	10 29	1 29	2 43	1 4	7 58	0 5	16 42	1 12	20 33	1 31	22 22	0 25	6 1	1 41	2 31	15 16	18 21	18 41	4 13	4 23	3 23
S 22	11 52	14 11	1 44	9 44	1 24	2 12	1 2	8 13	0 5	16 43	1 12	20 33	1 31	22 22	0 25	6 1	1 41	2 31	15 16	18 21	18 42	4 11	4 22	3 23
M23	11 32	10 47	2 43	8 59	1 20	1 41	1 0	8 28	0 6	16 43	1 12	20 33	1 31	22 21	0 25	6 1	1 41	2 30	15 16	18 22	18 43	4 9	4 21	3 23
T 24	11 11	6 58	3 35	8 13	1 15	1 10	0 58	8 44	0 7	16 44	1 12	20 34	1 30	22 21	0 25	6 0	1 41	2 30	15 16	18 23	18 43	4 7	4 20	3 23
W25	10 51	2 54	4 17	7 27	1 9	0 39	0 56	8 59	0 8	16 45	1 12	20 34	1 30	22 21	0 25	6 0	1 41	2 30	15 17	18 24	18 44	4 5	4 19	3 23
T 26	10 30	1n15	4 49	6 42	1 3	0 8	0 54	9 14	0 8	16 45	1 13	20 34	1 30	22 20	0 26	5 59	1 41	2 29	15 17	18 25	18 45	4 2	4 18	3 23
F 27	10 9	5 23	5 8	5 56	0 57	0s23	0 52	9 29	0 9	16 46	1 13	20 35	1 30	22 20	0 26	5 59	1 41	2 29	15 17	18 26	18 46	4 0	4 18	3 23
S 28	9 48	9 20	5 13	5 10	0 51	0 54	0 49	9 44	0 10	16 47	1 13	20 35	1 30	22 19	0 26	5 59	1 41	2 29	15 18	18 26	18 46	3 58	4 17	3 23
S 29	9 27	12 57	5 5	4 24	0 45	1 25	0 47	9 59	0 11	16 47	1 13	20 35	1 29	22 19	0 26	5 58	1 41	2 28	15 18	18 27	18 47	3 56	4 16	3 23
M30	9 5	16 6	4 43	3 39	0 38	1 56	0 44	10 14	0 11	16 47	1 13	20 36	1 29	22 19	0 26	5 58	1 41	2 28	15 18	18 27	18 48	3 54	4 15	3 23
T 31	8n44	18n34	4s 7	2n54	0n31	2s27	0n42	10s29	0s12	16n48	1s13	20s36	1n29	22n18	0n26	5n57	1s41	2n28	15s18	18n27	18n49	3s51	4n14	3n23

Julian Day Number = 2403910.5, Delta T = 2.82 sec
Ecliptic obliquity = 23°27'17, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°55'09, Lahiri = 22°02'09

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ASTRODIENST EPHEMERIS for the year 1869
geocentric

SEPTEMBER 1869 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 40 46	8♍33'02	28♊25	25♍32	9♎ 1	27♎20	20♉53	10♐46	20♋36	19°R10	17°R58	7♌20	5♌50	0♈ 1	2°R47	W 1
T 2	22 44 43	9°31'11	11♋50	27° 8	10°13	27°59	20°54	10°48	20°39	19♈ 9	17♉57	7°21	5°47	0° 8	2♈44	T 2
F 3	22 48 40	10°29'21	25°42	28°42	11°26	28°39	20°56	10°50	20°42	19° 8	17°57	7°23	5°43	0°15	2°42	F 3
S 4	22 52 36	11°27'33	10♌ 2	0♎16	12°38	29°18	20°57	10°52	20°44	19° 7	17°57	7°R23	5°40	0°22	2°39	S 4
S 5	22 56 33	12°25'47	24°45	1°48	13°51	29°58	20°58	10°54	20°47	19° 5	17°56	7°22	5°37	0°28	2°37	S 5
M 6	23 0 29	13°24'03	9♍47	3°19	15° 3	0♏38	20°59	10°56	20°50	19° 4	17°56	7°19	5°34	0°35	2°34	M 6
T 7	23 4 26	14°22'21	24°59	4°49	16°16	1°18	21° 0	10°58	20°52	19° 3	17°55	7°15	5°31	0°42	2°32	T 7
W 8	23 8 22	15°20'40	10♎11	6°18	17°29	1°57	21° 0	11° 0	20°55	19° 1	17°55	7°10	5°27	0°48	2°29	W 8
T 9	23 12 19	16°19'01	25°13	7°45	18°41	2°37	21° 0	11° 3	20°57	19° 0	17°55	7° 4	5°24	0°55	2°26	T 9
F 10	23 16 15	17°17'24	9♏56	9°12	19°53	3°18	21°R 0	11° 5	20°59	18°59	17°54	6°59	5°21	1° 2	2°24	F 10
S 11	23 20 12	18°15'48	24°15	10°37	21° 6	3°58	21° 0	11° 8	21° 2	18°57	17°54	6°55	5°18	1° 8	2°21	S 11
S 12	23 24 9	19°14'14	8♐ 7	12° 0	22°18	4°38	21° 0	11°10	21° 4	18°56	17°53	6°53	5°15	1°15	2°18	S 12
M13	23 28 5	20°12'42	21°33	13°23	23°31	5°18	20°59	11°13	21° 6	18°55	17°53	6°D52	5°12	1°22	2°16	M13
T 14	23 32 2	21°11'11	4♑34	14°44	24°43	5°59	20°58	11°16	21° 9	18°53	17°52	6°53	5° 8	1°29	2°13	T 14
W15	23 35 58	22° 9'42	17°15	16° 3	25°55	6°39	20°57	11°19	21°11	18°52	17°51	6°54	5° 5	1°35	2°10	W15
T 16	23 39 55	23° 8'15	29°38	17°22	27° 7	7°20	20°56	11°22	21°13	18°50	17°51	6°55	5° 2	1°42	2° 8	T 16
F 17	23 43 51	24° 6'49	11♒50	18°39	28°20	8° 0	20°55	11°25	21°15	18°49	17°50	6°R55	4°59	1°49	2° 5	F 17
S 18	23 47 48	25° 5'25	23°52	19°54	29°32	8°41	20°53	11°28	21°17	18°47	17°50	6°54	4°56	1°55	2° 2	S 18
S 19	23 51 44	26° 4'02	5♓48	21° 7	0♏44	9°22	20°52	11°31	21°19	18°46	17°49	6°50	4°53	2° 2	1°59	S 19
M20	23 55 41	27° 2'42	17°40	22°19	1°56	10° 3	20°50	11°35	21°21	18°44	17°48	6°44	4°49	2° 9	1°57	M20
T 21	23 59 38	28° 1'23	29°31	23°30	3° 8	10°44	20°47	11°38	21°23	18°43	17°48	6°36	4°46	2°15	1°54	T 21
W22	0 3 34	29° 0'06	11♈23	24°38	4°20	11°25	20°45	11°42	21°25	18°41	17°47	6°26	4°43	2°22	1°51	W22
T 23	0 7 31	29°58'52	23°16	25°44	5°32	12° 6	20°43	11°45	21°27	18°40	17°46	6°16	4°40	2°29	1°48	T 23
F 24	0 11 27	0♎57'39	5♉13	26°49	6°44	12°47	20°40	11°49	21°29	18°38	17°46	6° 5	4°37	2°36	1°45	F 24
S 25	0 15 24	1°56'29	17°15	27°50	7°56	13°28	20°37	11°53	21°30	18°37	17°45	5°56	4°33	2°42	1°43	S 25
S 26	0 19 20	2°55'21	29°26	28°50	9° 8	14°10	20°34	11°57	21°32	18°35	17°44	5°49	4°30	2°49	1°40	S 26
M27	0 23 17	3°54'15	11♊47	29°47	10°20	14°51	20°30	12° 1	21°34	18°33	17°44	5°44	4°27	2°56	1°37	M27
T 28	0 27 13	4°53'12	24°23	0♏41	11°32	15°33	20°27	12° 5	21°35	18°32	17°43	5°42	4°24	3° 2	1°34	T 28
W29	0 31 10	5°52'11	7♋18	1°31	12°43	16°14	20°23	12° 9	21°37	18°30	17°42	5°D41	4°21	3° 9	1°32	W29
T 30	0 35 6	6♎51'12	20♋35	2♏19	13♏55	16♏56	20♉19	12♐13	21♋38	18♈28	17♉41	5♌42	4♌18	3♈16	1♈29	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n22	20n10	3s17	2n 8	0n24	2s58	0n39	10s44	0s13	16n48	1s14	20s37	1n29	22n18	0n26	5n57	1s41	2n27	15s19	18n27	18n50	3s49	4n13	3n23
T 2	8 0	20 41	2 15	1 24	0 16	3 29	0 37	10 58	0 13	16 48	1 14	20 37	1 29	22 17	0 26	5 56	1 41	2 27	15 19	18 27	18 50	3 47	4 12	3 23
F 3	7 38	19 59	1 3	0 39	0 9	4 0	0 34	11 13	0 14	16 49	1 14	20 38	1 28	22 17	0 26	5 56	1 42	2 27	15 19	18 26	18 51	3 45	4 11	3 23
S 4	7 16	17 59	0n14	0s 5	0 1	4 31	0 31	11 28	0 15	16 49	1 14	20 38	1 28	22 17	0 26	5 55	1 42	2 26	15 19	18 26	18 52	3 43	4 10	3 23
S 5	6 54	14 45	1 33	0 49	0s 6	5 2	0 29	11 43	0 16	16 49	1 14	20 39	1 28	22 16	0 26	5 55	1 42	2 26	15 20	18 26	18 53	3 41	4 9	3 23
M 6	6 32	10 29	2 47	1 32	0 14	5 32	0 26	11 57	0 16	16 49	1 14	20 39	1 28	22 16	0 26	5 54	1 42	2 26	15 20	18 27	18 54	3 38	4 8	3 23
T 7	6 9	5 31	3 50	2 15	0 22	6 3	0 23	12 12	0 17	16 49	1 15	20 40	1 28	22 16	0 26	5 54	1 42	2 25	15 20	18 28	18 54	3 36	4 7	3 23
W 8	5 47	0 12	4 37	2 58	0 30	6 33	0 20	12 26	0 18	16 49	1 15	20 40	1 27	22 15	0 26	5 53	1 42	2 25	15 21	18 30	18 55	3 34	4 6	3 23
T 9	5 24	5s 3	5 4	3 40	0 38	7 4	0 17	12 41	0 18	16 49	1 15	20 41	1 27	22 15	0 26	5 53	1 42	2 25	15 21	18 31	18 56	3 32	4 5	3 23
F 10	5 1	9 54	5 10	4 21	0 46	7 34	0 14	12 55	0 19	16 49	1 15	20 41	1 27	22 14	0 26	5 52	1 42	2 24	15 21	18 32	18 57	3 30	4 4	3 23
S 11	4 39	14 3	4 56	5 2	0 54	8 4	0 11	13 9	0 20	16 49	1 15	20 42	1 27	22 14	0 26	5 52	1 42	2 24	15 21	18 33	18 57	3 27	4 3	3 23
S 12	4 16	17 18	4 25	5 42	1 2	8 34	0 8	13 24	0 20	16 48	1 15	20 42	1 26	22 14	0 26	5 51	1 42	2 23	15 22	18 34	18 58	3 25	4 1	3 23
M13	3 53	19 31	3 41	6 22	1 10	9 4	0 5	13 38	0 21	16 48	1 16	20 43	1 26	22 13	0 26	5 50	1 42	2 23	15 22	18 34	18 59	3 23	4 0	3 23
T 14	3 30	20 36	2 46	7 1	1 18	9 33	0 2	13 52	0 22	16 48	1 16	20 43	1 26	22 13	0 26	5 50	1 42	2 23	15 22	18 34	19 0	3 21	3 59	3 23
W15	3 7	20 37	1 45	7 39	1 26	10 2	0s 1	14 6	0 22	16 47	1 16	20 44	1 26	22 13	0 26	5 49	1 42	2 22	15 22	18 34	19 0	3 18	3 58	3 23
T 16	2 44	19 36	0 39	8 16	1 34	10 32	0 5	14 20	0 23	16 47	1 16	20 45	1 26	22 13	0 26	5 49	1 42	2 22	15 23	18 33	19 1	3 16	3 57	3 23
F 17	2 20	17 41	0s26	8 53	1 42	11 0	0 8	14 34	0 24	16 46	1 16	20 45	1 25	22 12	0 26	5 48	1 42	2 22	15 23	18 33	19 2	3 14	3 56	3 23
S 18	1 57	15 0	1 30	9 29	1 50	11 29	0 11	14 47	0 24	16 46	1 16	20 46	1 25	22 12	0 26	5 48	1 42	2 21	15 23	18 34	19 3	3 12	3 55	3 23
S 19	1 34	11 42	2 29	10 4	1 58	11 57	0 14	15 1	0 25	16 45	1 16	20 46	1 25	22 12	0 26	5 47	1 42	2 21	15 23	18 35	19 4	3 10	3 54	3 23
M20	1 11	7 58	3 21	10 38	2 6	12 26	0 17	15 15	0 26	16 44	1 17	20 47	1 25	22 11	0 26	5 46	1 42	2 20	15 23	18 36	19 4	3 7	3 53	3 23
T 21	0 47	3 55	4 4	11 11	2 13	12 53	0 21	15 28	0 26	16 44	1 17	20 48	1 25	22 11	0 26	5 46	1 42	2 20	15 24	18 38	19 5	3 5	3 51	3 23
W22	0 24	0n15	4 37	11 44	2 21	13 21	0 24	15 42	0 27	16 43	1 17	20 48	1 24	22 11	0 26	5 45	1 42	2 20	15 24	18 41	19 6	3 3	3 50	3 23
T 23	0 0	4 26	4 57	12 15	2 28	13 48	0 27	15 55	0 28	16 42	1 17	20 49	1 24	22 11	0 26	5 44	1 42	2 19	15 24	18 43	19 7	3 1	3 49	3 23
F 24	0s23	8 28	5 5	12 45	2 35	14 15	0 31	16 8	0 28	16 41	1 17	20 50	1 24	22 10	0 26	5 44	1 42	2 19	15 24	18 46	19 7	2 58	3 48	3 23
S 25	0 46	12 12	4 59	13 13	2 41	14 42	0 34	16 21	0 29	16 40	1 17	20 50	1 24	22 10	0 26	5 43	1 42	2 19	15 25	18 48	19 8	2 56	3 47	3 23
S 26	1 10	15 29	4 40	13 41	2 48	15 8	0 37	16 34	0 30	16 39	1 17	20 51	1 24	22 10	0 26	5 43	1 42	2 18	15 25	18 50	19 9	2 54	3 46	3 23
M27	1 33	18 8	4 7	14 7	2 54	15 34	0 41	16 47	0 30	16 38	1 18	20 52	1 24	22 10	0 26	5 42	1 42	2 18	15 25	18 51	19 10	2 52	3 44	3 22
T 28	1 57	19 58	3 22	14 31	3 0	16 0	0 44	17 0	0 31	16 37	1 18	20 53	1 23	22 9	0 26	5 41	1 42	2 17	15 25	18 52	19 10	2 50	3 43	3 22
W29	2 20	20 50	2 26	14 54	3 5	16 25	0 48	17 12	0 31	16 36	1 18	20 53	1 23	22 9	0 26	5 41	1 42	2 17	15 25	18 52	19 11	2 47	3 42	3 22
T 30	2s43	20n34	1s20	15s16	3s10	16s50	0s51	17s25	0s32	16n35	1s18	20s54	1n23	22n 9	0n26	5n40	1s42	2n17	15s26	18n52	19n12	2s45	3n41	3n22

Julian Day Number = 2403941.5, Delta T = 2.72 sec
Ecliptic obliquity = 23°27'17, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°55'13, Lahiri = 22°02'13

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1869
geocentric

OCTOBER 1869 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 39 3	7♎50'16	4♌17	3♏ 2	15♏ 7	17♏38	20°R15	12♐17	21♋40	18°R27	17°R40	5°R42	4♌14	3♈22	1°R26	F 1
S 2	0 43 0	8°49'21	18°26	3°42	16°18	18°20	20♉11	12°21	21°41	18♈25	17♉40	5♌42	4°11	3°29	1♈23	S 2
S 3	0 46 56	9°48'29	3♍ 2	4°18	17°30	19° 1	20° 6	12°26	21°43	18°24	17°39	5°39	4° 8	3°36	1°21	S 3
M 4	0 50 53	10°47'40	18° 0	4°48	18°42	19°43	20° 2	12°30	21°44	18°22	17°38	5°34	4° 5	3°43	1°18	M 4
T 5	0 54 49	11°46'52	3♎14	5°13	19°53	20°25	19°57	12°35	21°45	18°20	17°37	5°26	4° 2	3°49	1°15	T 5
W 6	0 58 46	12°46'07	18°32	5°33	21° 5	21° 8	19°52	12°39	21°46	18°19	17°36	5°17	3°59	3°56	1°12	W 6
T 7	1 2 42	13°45'23	3♏45	5°47	22°16	21°50	19°47	12°44	21°48	18°17	17°35	5° 6	3°55	4° 3	1°10	T 7
F 8	1 6 39	14°44'42	18°40	5°R54	23°28	22°32	19°41	12°49	21°49	18°15	17°34	4°56	3°52	4° 9	1° 7	F 8
S 9	1 10 35	15°44'02	3♐11	5°54	24°39	23°14	19°36	12°53	21°50	18°14	17°33	4°48	3°49	4°16	1° 4	S 9
S 10	1 14 32	16°43'25	17°12	5°46	25°50	23°57	19°30	12°58	21°51	18°12	17°32	4°43	3°46	4°23	1° 2	S 10
M11	1 18 29	17°42'49	0♑43	5°31	27° 1	24°39	19°25	13° 3	21°52	18°10	17°31	4°40	3°43	4°30	0°59	M11
T 12	1 22 25	18°42'15	13°47	5° 7	28°13	25°22	19°19	13° 8	21°53	18° 9	17°30	4°D38	3°39	4°36	0°56	T 12
W13	1 26 22	19°41'42	26°26	4°35	29°24	26° 5	19°13	13°13	21°53	18° 7	17°30	4°38	3°36	4°43	0°54	W13
T 14	1 30 18	20°41'12	8♒46	3°55	0♐35	26°47	19° 6	13°18	21°54	18° 5	17°29	4°R38	3°33	4°50	0°51	T 14
F 15	1 34 15	21°40'43	20°52	3° 6	1°46	27°30	19° 0	13°24	21°55	18° 3	17°28	4°37	3°30	4°56	0°49	F 15
S 16	1 38 11	22°40'16	2♓49	2° 9	2°57	28°13	18°53	13°29	21°56	18° 2	17°27	4°34	3°27	5° 3	0°46	S 16
S 17	1 42 8	23°39'50	14°40	1° 6	4° 8	28°56	18°47	13°34	21°56	18° 0	17°26	4°28	3°24	5°10	0°44	S 17
M18	1 46 4	24°39'27	26°30	29♎57	5°19	29°39	18°40	13°40	21°57	17°58	17°25	4°20	3°20	5°16	0°41	M18
T 19	1 50 1	25°39'05	8♈21	28°44	6°30	0♐22	18°33	13°45	21°57	17°57	17°23	4° 8	3°17	5°23	0°39	T 19
W20	1 53 58	26°38'46	20°16	27°30	7°40	1° 5	18°26	13°51	21°58	17°55	17°22	3°55	3°14	5°30	0°36	W20
T 21	1 57 54	27°38'28	2♉15	26°15	8°51	1°48	18°19	13°56	21°58	17°54	17°21	3°40	3°11	5°37	0°34	T 21
F 22	2 1 51	28°38'12	14°20	25° 2	10° 2	2°31	18°12	14° 2	21°59	17°52	17°20	3°26	3° 8	5°43	0°31	F 22
S 23	2 5 47	29°37'59	26°32	23°54	11°12	3°15	18° 4	14° 7	21°59	17°50	17°19	3°13	3° 4	5°50	0°29	S 23
S 24	2 9 44	0♏37'47	8♊51	22°53	12°23	3°58	17°57	14°13	21°59	17°49	17°18	3° 3	3° 1	5°57	0°27	S 24
M25	2 13 40	1°37'38	21°21	22° 0	13°33	4°42	17°49	14°19	21°59	17°47	17°17	2°55	2°58	6° 3	0°25	M25
T 26	2 17 37	2°37'31	4♋ 2	21°17	14°43	5°25	17°42	14°25	21°59	17°45	17°16	2°50	2°55	6°10	0°22	T 26
W27	2 21 33	3°37'26	16°57	20°44	15°53	6° 9	17°34	14°31	22° 0	17°44	17°15	2°48	2°52	6°17	0°20	W27
T 28	2 25 30	4°37'23	0♌11	20°23	17° 4	6°52	17°26	14°37	22°R 0	17°42	17°14	2°48	2°49	6°24	0°18	T 28
F 29	2 29 27	5°37'23	13°44	20°D13	18°14	7°36	17°19	14°43	22° 0	17°41	17°13	2°48	2°45	6°30	0°16	F 29
S 30	2 33 23	6°37'25	27°41	20°15	19°24	8°20	17°11	14°49	21°59	17°39	17°12	2°47	2°42	6°37	0°14	S 30
S 31	2 37 20	7♏37'28	12♍ 1	20♎28	20♐34	9♐ 4	17♉ 3	14♐55	21♋59	17♈37	17♉11	2♌44	2♌39	6♈44	0♈12	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s 7	19n 5	0s 8	15s35	3s15	17s15	0s54	17s37	0s33	16n34	1s18	20s55	1n23	22n 9	0n26	5n39	1s42	2n16	15s26	18n51	19n13	2s43	3n40	3n22
S 2	3 30	16 23	1n 7	15 52	3 19	17 39	0 58	17 50	0 33	16 33	1 18	20 55	1 23	22 9	0 27	5 39	1 42	2 16	15 26	18 52	19 13	2 41	3 38	3 22
S 3	3 53	12 35	2 20	16 8	3 22	18 2	1 1	18 2	0 34	16 31	1 18	20 56	1 22	22 8	0 27	5 38	1 42	2 15	15 26	18 52	19 14	2 38	3 37	3 22
M 4	4 16	7 53	3 25	16 21	3 25	18 26	1 4	18 14	0 34	16 30	1 18	20 57	1 22	22 8	0 27	5 38	1 42	2 15	15 26	18 54	19 15	2 36	3 36	3 22
T 5	4 40	2 38	4 16	16 31	3 27	18 48	1 8	18 26	0 35	16 29	1 18	20 58	1 22	22 8	0 27	5 37	1 42	2 15	15 26	18 55	19 16	2 34	3 35	3 22
W 6	5 3	2s48	4 50	16 39	3 28	19 11	1 11	18 37	0 35	16 27	1 19	20 58	1 22	22 8	0 27	5 36	1 42	2 14	15 27	18 58	19 16	2 32	3 34	3 22
T 7	5 26	8 2	5 2	16 44	3 28	19 33	1 14	18 49	0 36	16 26	1 19	20 59	1 22	22 8	0 27	5 36	1 42	2 14	15 27	19 0	19 17	2 29	3 33	3 21
F 8	5 49	12 41	4 54	16 45	3 27	19 54	1 18	19 0	0 37	16 24	1 19	21 0	1 22	22 8	0 27	5 35	1 42	2 13	15 27	19 3	19 18	2 27	3 31	3 21
S 9	6 12	16 27	4 27	16 43	3 25	20 15	1 21	19 12	0 37	16 23	1 19	21 1	1 21	22 7	0 27	5 34	1 42	2 13	15 27	19 5	19 19	2 25	3 30	3 21
S 10	6 35	19 8	3 44	16 37	3 22	20 35	1 24	19 23	0 38	16 21	1 19	21 2	1 21	22 7	0 27	5 34	1 42	2 13	15 27	19 6	19 19	2 23	3 29	3 21
M11	6 57	20 37	2 50	16 27	3 17	20 55	1 27	19 34	0 38	16 20	1 19	21 2	1 21	22 7	0 27	5 33	1 42	2 12	15 27	19 7	19 20	2 20	3 28	3 21
T 12	7 20	20 57	1 48	16 13	3 10	21 15	1 31	19 45	0 39	16 18	1 19	21 3	1 21	22 7	0 27	5 32	1 42	2 12	15 27	19 7	19 21	2 18	3 27	3 21
W13	7 43	20 10	0 43	15 55	3 2	21 34	1 34	19 55	0 39	16 16	1 19	21 4	1 21	22 7	0 27	5 32	1 42	2 12	15 28	19 7	19 22	2 16	3 26	3 21
T 14	8 5	18 26	0s22	15 32	2 52	21 52	1 37	20 6	0 40	16 14	1 19	21 5	1 21	22 7	0 27	5 31	1 42	2 11	15 28	19 7	19 22	2 14	3 24	3 21
F 15	8 27	15 53	1 25	15 4	2 41	22 10	1 40	20 16	0 40	16 13	1 19	21 6	1 20	22 7	0 27	5 31	1 42	2 11	15 28	19 7	19 23	2 11	3 23	3 20
S 16	8 49	12 42	2 23	14 32	2 27	22 27	1 43	20 27	0 41	16 11	1 19	21 6	1 20	22 7	0 27	5 30	1 42	2 10	15 28	19 8	19 24	2 9	3 22	3 20
S 17	9 12	9 2	3 15	13 55	2 12	22 43	1 46	20 37	0 42	16 9	1 19	21 7	1 20	22 7	0 27	5 29	1 42	2 10	15 28	19 9	19 25	2 7	3 21	3 20
M18	9 34	5 2	3 58	13 15	1 55	22 59	1 49	20 46	0 42	16 7	1 19	21 8	1 20	22 7	0 27	5 29	1 42	2 10	15 28	19 11	19 25	2 4	3 20	3 20
T 19	9 55	0 49	4 30	12 32	1 37	23 15	1 52	20 56	0 43	16 5	1 19	21 9	1 20	22 7	0 27	5 28	1 42	2 9	15 28	19 14	19 26	2 2	3 19	3 20
W20	10 17	3n25	4 51	11 47	1 17	23 30	1 55	21 6	0 43	16 3	1 19	21 10	1 20	22 7	0 27	5 27	1 42	2 9	15 28	19 17	19 27	2 0	3 18	3 20
T 21	10 38	7 34	4 59	11 1	0 57	23 44	1 58	21 15	0 44	16 1	1 19	21 10	1 20	22 6	0 27	5 27	1 42	2 9	15 28	19 21	19 28	1 58	3 17	3 20
F 22	11 0	11 28	4 54	10 15	0 36	23 57	2 0	21 24	0 44	15 59	1 19	21 11	1 19	22 6	0 27	5 26	1 42	2 8	15 29	19 24	19 28	1 55	3 15	3 19
S 23	11 21	14 55	4 36	9 31	0 16	24 10	2 3	21 33	0 45	15 57	1 19	21 12	1 19	22 6	0 27	5 26	1 42	2 8	15 29	19 27	19 29	1 53	3 14	3 19
S 24	11 42	17 46	4 4	8 50	0n 5	24 22	2 6	21 42	0 45	15 55	1 19	21 13	1 19	22 6	0 27	5 25	1 42	2 8	15 29	19 29	19 30	1 51	3 13	3 19
M25	12 3	19 51	3 20	8 12	0 24	24 34	2 9	21 50	0 46	15 53	1 19	21 14	1 19	22 6	0 27	5 24	1 42	2 7	15 29	19 31	19 30	1 49	3 12	3 19
T 26	12 24	20 58	2 26	7 39	0 42	24 45	2 11	21 59	0 46	15 51	1 19	21 14	1 19	22 6	0 27	5 24	1 42	2 7	15 29	19 32	19 31	1 46	3 11	3 19
W27	12 44	21 1	1 23	7 11	0 59	24 55	2 14	22 7	0 47	15 49	1 19	21 15	1 19	22 6	0 27	5 23	1 42	2 7	15 29	19 33	19 32	1 44	3 10	3 19
T 28	13 4	19 54	0 14	6 50	1 14	25 5	2 16	22 15	0 47	15 47	1 19	21 16	1 19	22 6	0 27	5 23	1 42	2 6	15 29	19 33	19 33	1 42	3 9	3 18
F 29	13 24	17 38	0n58	6 34	1 27	25 14	2 18	22 22	0 47	15 45	1 19	21 17	1 18	22 7	0 27	5 22	1 42	2 6	15 29	19 33	19 33	1 39	3 8	3 18
S 30	13 44	14 17	2 7	6 24	1 39	25 22	2 21	22 30	0 48	15 42	1 19	21 18	1 18	22 7	0 27	5 21	1 42	2 6	15 29	19 33	19 34	1 37	3 7	3 18
S 31	14s 4	10n 0	3n11	6s19	1n49	25s30	2s23	22s37	0s48	15n40	1s19	21s18	1n18	22n 7	0n27	5n21	1s42	2n 5	15s29	19n34	19n35	1s35	3n 6	3n18

Julian Day Number = 2403971.5, Delta T = 2.63 sec
Ecliptic obliquity = 23°27'18, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°55'17, Lahiri = 22°02'17

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NOVEMBER 1869 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 41 16	8♏37'34	26♍42	20♎51	21♐43	9♐48	16°R55	15♐ 1	21°R59	17°R36	17°R10	2°R38	2♌36	6♈50	0°R10	M 1
T 2	2 45 13	9°37'42	11♎40	21°24	22°53	10°32	16♉47	15° 7	21♋59	17♈34	17♉ 8	2♌29	2°33	6°57	0♈ 8	T 2
W 3	2 49 9	10°37'52	26°47	22° 5	24° 3	11°16	16°39	15°13	21°59	17°33	17° 7	2°19	2°30	7° 4	0° 6	W 3
T 4	2 53 6	11°38'04	11♏52	22°54	25°12	12° 0	16°30	15°20	21°58	17°31	17° 6	2° 7	2°26	7°10	0° 4	T 4
F 5	2 57 2	12°38'18	26°46	23°50	26°22	12°44	16°22	15°26	21°58	17°30	17° 5	1°56	2°23	7°17	0° 2	F 5
S 6	3 0 59	13°38'33	11♐19	24°52	27°31	13°29	16°14	15°32	21°57	17°28	17° 4	1°46	2°20	7°24	0° 0	S 6
S 7	3 4 55	14°38'51	25°25	26° 0	28°41	14°13	16° 6	15°39	21°57	17°27	17° 3	1°39	2°17	7°31	29♓58	S 7
M 8	3 8 52	15°39'09	9♑ 3	27°12	29°50	14°57	15°58	15°45	21°56	17°26	17° 2	1°35	2°14	7°37	29°56	M 8
T 9	3 12 49	16°39'29	22°12	28°27	0♑59	15°42	15°50	15°52	21°56	17°24	17° 1	1°33	2°10	7°44	29°55	T 9
W10	3 16 45	17°39'51	4♒56	29°47	2° 8	16°26	15°41	15°58	21°55	17°23	16°59	1°D33	2° 7	7°51	29°53	W10
T 11	3 20 42	18°40'14	17°18	1♏ 9	3°16	17°11	15°33	16° 5	21°54	17°21	16°58	1°R33	2° 4	7°57	29°52	T 11
F 12	3 24 38	19°40'38	29°25	2°33	4°25	17°56	15°25	16°11	21°54	17°20	16°57	1°32	2° 1	8° 4	29°50	F 12
S 13	3 28 35	20°41'04	11♓21	3°59	5°34	18°40	15°17	16°18	21°53	17°19	16°56	1°30	1°58	8°11	29°48	S 13
S 14	3 32 31	21°41'31	23°12	5°27	6°42	19°25	15° 9	16°25	21°52	17°17	16°55	1°26	1°55	8°18	29°47	S 14
M15	3 36 28	22°41'59	5♈ 2	6°57	7°50	20°10	15° 1	16°31	21°51	17°16	16°54	1°19	1°51	8°24	29°46	M15
T 16	3 40 24	23°42'29	16°55	8°27	8°58	20°55	14°53	16°38	21°50	17°15	16°53	1° 9	1°48	8°31	29°44	T 16
W17	3 44 21	24°43'00	28°54	9°58	10° 6	21°40	14°45	16°45	21°49	17°13	16°52	0°57	1°45	8°38	29°43	W17
T 18	3 48 18	25°43'33	11♉ 1	11°31	11°14	22°25	14°37	16°51	21°48	17°12	16°50	0°44	1°42	8°44	29°42	T 18
F 19	3 52 14	26°44'07	23°17	13° 3	12°22	23°10	14°29	16°58	21°47	17°11	16°49	0°32	1°39	8°51	29°40	F 19
S 20	3 56 11	27°44'42	5♊42	14°36	13°29	23°55	14°21	17° 5	21°46	17°10	16°48	0°21	1°36	8°58	29°39	S 20
S 21	4 0 7	28°45'20	18°18	16°10	14°37	24°40	14°14	17°12	21°44	17° 9	16°47	0°12	1°32	9° 5	29°38	S 21
M22	4 4 4	29°45'58	1♋ 4	17°43	15°44	25°25	14° 6	17°19	21°43	17° 8	16°46	0° 5	1°29	9°11	29°37	M22
T 23	4 8 0	0♐46'38	14° 0	19°17	16°51	26°10	13°59	17°26	21°42	17° 6	16°45	0° 1	1°26	9°18	29°36	T 23
W24	4 11 57	1°47'20	27° 8	20°51	17°58	26°56	13°51	17°32	21°40	17° 5	16°44	0°D 0	1°23	9°25	29°35	W24
T 25	4 15 54	2°48'03	10♌30	22°25	19° 4	27°41	13°44	17°39	21°39	17° 4	16°43	0° 0	1°20	9°31	29°34	T 25
F 26	4 19 50	3°48'48	24° 5	24° 0	20°10	28°27	13°37	17°46	21°37	17° 3	16°42	0° 1	1°16	9°38	29°33	F 26
S 27	4 23 47	4°49'34	7♍56	25°34	21°17	29°12	13°30	17°53	21°36	17° 2	16°41	0°R 2	1°13	9°45	29°33	S 27
S 28	4 27 43	5°50'22	22° 3	27° 8	22°23	29°58	13°23	18° 0	21°34	17° 1	16°40	0° 0	1°10	9°52	29°32	S 28
M29	4 31 40	6°51'12	6♎25	28°42	23°28	0♑43	13°16	18° 7	21°33	17° 0	16°39	29♋57	1° 7	9°58	29°31	M29
T 30	4 35 36	7♐52'02	20♎59	0♐16	24♑34	1♑29	13♉ 9	18♐14	21♋31	16♈59	16♉38	29♋51	1♌ 4	10♈ 5	29♓31	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14 s23	5n 2	4n 4	6 s20	1n57	25 s36	2 s25	22 s44	0 s49	15n38	1 s19	21 s19	1n18	22n 7	0n28	5n20	1 s42	2n 5	15 s29	19n35	19n36	1 s33	3n 5	3n18
T 2	14 42	0 s18	4 41	6 27	2 3	25 43	2 27	22 51	0 49	15 36	1 19	21 20	1 18	22 7	0 28	5 20	1 42	2 5	15 29	19 37	19 36	1 30	3 4	3 17
W 3	15 1	5 41	4 59	6 37	2 8	25 48	2 29	22 58	0 50	15 34	1 19	21 21	1 18	22 7	0 28	5 19	1 42	2 4	15 29	19 39	19 37	1 28	3 3	3 17
T 4	15 20	10 42	4 56	6 52	2 12	25 53	2 31	23 4	0 50	15 31	1 19	21 22	1 18	22 7	0 28	5 19	1 42	2 4	15 29	19 42	19 38	1 26	3 2	3 17
F 5	15 38	15 1	4 33	7 11	2 14	25 57	2 33	23 11	0 51	15 29	1 19	21 22	1 17	22 7	0 28	5 18	1 42	2 4	15 29	19 45	19 38	1 23	3 1	3 17
S 6	15 57	18 19	3 53	7 33	2 15	26 0	2 34	23 17	0 51	15 27	1 19	21 23	1 17	22 7	0 28	5 17	1 42	2 3	15 29	19 47	19 39	1 21	3 0	3 17
S 7	16 15	20 24	2 59	7 57	2 15	26 3	2 36	23 22	0 51	15 25	1 19	21 24	1 17	22 7	0 28	5 17	1 42	2 3	15 29	19 48	19 40	1 19	2 59	3 16
M 8	16 32	21 13	1 56	8 24	2 14	26 5	2 38	23 28	0 52	15 22	1 19	21 25	1 17	22 7	0 28	5 16	1 42	2 3	15 29	19 49	19 41	1 16	2 59	3 16
T 9	16 50	20 49	0 49	8 53	2 12	26 6	2 39	23 33	0 52	15 20	1 19	21 26	1 17	22 7	0 28	5 16	1 42	2 3	15 29	19 50	19 41	1 14	2 58	3 16
W10	17 7	19 20	0 s18	9 23	2 9	26 7	2 40	23 38	0 53	15 18	1 18	21 26	1 17	22 8	0 28	5 15	1 42	2 2	15 29	19 50	19 42	1 12	2 57	3 16
T 11	17 23	16 58	1 23	9 55	2 6	26 6	2 42	23 43	0 53	15 16	1 18	21 27	1 17	22 8	0 28	5 15	1 42	2 2	15 29	19 50	19 43	1 10	2 56	3 16
F 12	17 40	13 54	2 22	10 27	2 2	26 6	2 43	23 48	0 54	15 13	1 18	21 28	1 17	22 8	0 28	5 14	1 42	2 2	15 29	19 50	19 43	1 7	2 55	3 15
S 13	17 56	10 19	3 15	11 1	1 58	26 4	2 44	23 52	0 54	15 11	1 18	21 29	1 17	22 8	0 28	5 14	1 42	2 2	15 29	19 50	19 44	1 5	2 54	3 15
S 14	18 12	6 21	3 58	11 35	1 53	26 2	2 45	23 56	0 54	15 9	1 18	21 30	1 16	22 8	0 28	5 13	1 42	2 1	15 29	19 51	19 45	1 3	2 54	3 15
M15	18 28	2 9	4 31	12 9	1 47	25 59	2 46	24 0	0 55	15 7	1 18	21 30	1 16	22 8	0 28	5 13	1 42	2 1	15 29	19 53	19 46	1 0	2 53	3 15
T 16	18 43	2n 8	4 53	12 43	1 42	25 55	2 46	24 4	0 55	15 4	1 18	21 31	1 16	22 9	0 28	5 12	1 42	2 1	15 29	19 55	19 46	0 58	2 52	3 15
W17	18 58	6 23	5 2	13 18	1 36	25 50	2 47	24 7	0 55	15 2	1 18	21 32	1 16	22 9	0 28	5 12	1 42	2 1	15 29	19 58	19 47	0 56	2 51	3 14
T 18	19 12	10 26	4 57	13 52	1 30	25 45	2 47	24 10	0 56	15 0	1 17	21 33	1 16	22 9	0 28	5 12	1 42	2 0	15 29	20 0	19 48	0 53	2 51	3 14
F 19	19 26	14 6	4 39	14 26	1 24	25 40	2 48	24 13	0 56	14 58	1 17	21 33	1 16	22 9	0 28	5 11	1 42	2 0	15 29	20 3	19 48	0 51	2 50	3 14
S 20	19 40	17 13	4 7	15 0	1 17	25 33	2 48	24 15	0 56	14 56	1 17	21 34	1 16	22 9	0 28	5 11	1 42	2 0	15 28	20 5	19 49	0 49	2 49	3 14
S 21	19 54	19 34	3 23	15 34	1 10	25 26	2 48	24 18	0 57	14 54	1 17	21 35	1 16	22 10	0 28	5 10	1 42	2 0	15 28	20 7	19 50	0 46	2 49	3 13
M22	20 7	20 59	2 28	16 7	1 4	25 18	2 48	24 20	0 57	14 52	1 17	21 36	1 16	22 10	0 28	5 10	1 42	2 0	15 28	20 9	19 51	0 44	2 48	3 13
T 23	20 20	21 19	1 24	16 39	0 57	25 10	2 48	24 21	0 58	14 50	1 17	21 36	1 16	22 10	0 28	5 10	1 42	1 59	15 28	20 10	19 51	0 42	2 47	3 13
W24	20 32	20 30	0 15	17 11	0 50	25 1	2 47	24 23	0 58	14 48	1 16	21 37	1 15	22 10	0 28	5 9	1 42	1 59	15 28	20 10	19 52	0 39	2 47	3 13
T 25	20 44	18 31	0n56	17 42	0 43	24 51	2 47	24 24	0 58	14 46	1 16	21 38	1 15	22 11	0 28	5 9	1 42	1 59	15 28	20 10	19 53	0 37	2 46	3 12
F 26	20 56	15 28	2 5	18 12	0 36	24 41	2 46	24 25	0 58	14 44	1 16	21 39	1 15	22 11	0 28	5 8	1 42	1 59	15 28	20 10	19 53	0 35	2 46	3 12
S 27	21 7	11 31	3 9	18 42	0 29	24 30	2 46	24 26	0 59	14 42	1 16	21 39	1 15	22 11	0 28	5 8	1 41	1 59	15 28	20 9	19 54	0 32	2 45	3 12
S 28	21 18	6 52	4 2	19 11	0 22	24 18	2 45	24 26	0 59	14 40	1 16	21 40	1 15	22 11	0 28	5 8	1 41	1 59	15 28	20 10	19 55	0 30	2 45	3 12
M29	21 28	1 45	4 41	19 38	0 15	24 6	2 44	24 27	0 59	14 38	1 15	21 41	1 15	22 12	0 28	5 7	1 41	1 58	15 27	20 10	19 55	0 28	2 44	3 12
T 30	21 s38	3 s31	5n 3	20 s 6	0n 8	23 s53	2 s43	24 s26	1 s 0	14n36	1 s15	21 s41	1n15	22n12	0n28	5n 7	1 s41	1n58	15 s27	20n12	19n56	0 s26	2n44	3n11

Julian Day Number = 2404002.5, Delta T = 2.53 sec
Ecliptic obliquity = 23°27'18, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°55'21, Lahiri = 22°02'22

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ASTRODIENST EPHEMERIS for the year 1869
geocentric

DECEMBER 1869 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 39 33	8♐52'55	5♏41	1♐51	25♑39	2♑15	13°R 2	18♐21	21°R30	16°R58	16°R36	29°R44	1♌ 1	10♈12	29°R30	W 1
T 2	4 43 29	9°53'48	20°22	3°25	26°44	3° 0	12♉56	18°28	21♋28	16♈58	16♉35	29♋35	0°57	10°18	29♓29	T 2
F 3	4 47 26	10°54'43	4♐57	4°59	27°49	3°46	12°49	18°35	21°26	16°57	16°34	29°27	0°54	10°25	29°29	F 3
S 4	4 51 23	11°55'39	19°16	6°33	28°54	4°32	12°43	18°43	21°24	16°56	16°33	29°20	0°51	10°32	29°29	S 4
S 5	4 55 19	12°56'36	3♑16	8° 7	29°58	5°18	12°37	18°50	21°22	16°55	16°32	29°15	0°48	10°39	29°28	S 5
M 6	4 59 16	13°57'34	16°51	9°41	1♒ 2	6° 4	12°31	18°57	21°21	16°54	16°31	29°13	0°45	10°45	29°28	M 6
T 7	5 3 12	14°58'33	0♒ 2	11°15	2° 6	6°50	12°26	19° 4	21°19	16°54	16°30	29°D12	0°42	10°52	29°28	T 7
W 8	5 7 9	15°59'32	12°49	12°49	3° 9	7°36	12°20	19°11	21°17	16°53	16°30	29°12	0°38	10°59	29°28	W 8
T 9	5 11 5	17° 0'32	25°15	14°23	4°12	8°22	12°15	19°18	21°15	16°52	16°29	29°14	0°35	11° 5	29°27	T 9
F 10	5 15 2	18° 1'32	7♓26	15°58	5°15	9° 8	12° 9	19°25	21°13	16°52	16°28	29°15	0°32	11°12	29°27	F 10
S 11	5 18 58	19° 2'33	19°24	17°32	6°17	9°54	12° 4	19°32	21°11	16°51	16°27	29°R16	0°29	11°19	29°D27	S 11
S 12	5 22 55	20° 3'35	1♈17	19° 6	7°19	10°41	11°59	19°39	21° 8	16°51	16°26	29°15	0°26	11°26	29°27	S 12
M13	5 26 52	21° 4'37	13° 8	20°41	8°21	11°27	11°55	19°46	21° 6	16°50	16°25	29°13	0°22	11°32	29°28	M13
T 14	5 30 48	22° 5'39	25° 3	22°15	9°22	12°13	11°50	19°53	21° 4	16°50	16°24	29° 8	0°19	11°39	29°28	T 14
W15	5 34 45	23° 6'42	7♉ 5	23°50	10°23	12°59	11°46	20° 1	21° 2	16°49	16°23	29° 3	0°16	11°46	29°28	W15
T 16	5 38 41	24° 7'46	19°18	25°24	11°24	13°46	11°41	20° 8	21° 0	16°49	16°22	28°56	0°13	11°52	29°28	T 16
F 17	5 42 38	25° 8'50	1♊43	26°59	12°24	14°32	11°37	20°15	20°58	16°48	16°21	28°50	0°10	11°59	29°29	F 17
S 18	5 46 34	26° 9'54	14°22	28°34	13°23	15°19	11°34	20°22	20°55	16°48	16°21	28°44	0° 7	12° 6	29°29	S 18
S 19	5 50 31	27°10'59	27°16	0♑10	14°22	16° 5	11°30	20°29	20°53	16°48	16°20	28°40	0° 3	12°13	29°29	S 19
M20	5 54 27	28°12'05	10♋23	1°45	15°21	16°52	11°27	20°36	20°51	16°47	16°19	28°37	0° 0	12°19	29°30	M20
T 21	5 58 24	29°13'11	23°44	3°21	16°19	17°38	11°23	20°43	20°48	16°47	16°18	28°D35	29♋57	12°26	29°30	T 21
W22	6 2 21	0♑14'17	7♌16	4°57	17°17	18°25	11°20	20°50	20°46	16°47	16°17	28°36	29°54	12°33	29°31	W22
T 23	6 6 17	1°15'24	20°58	6°33	18°14	19°12	11°17	20°57	20°44	16°47	16°17	28°37	29°51	12°39	29°32	T 23
F 24	6 10 14	2°16'32	4♍49	8° 9	19°11	19°58	11°15	21° 4	20°41	16°46	16°16	28°38	29°48	12°46	29°32	F 24
S 25	6 14 10	3°17'40	18°49	9°46	20° 7	20°45	11°12	21°11	20°39	16°46	16°15	28°40	29°44	12°53	29°33	S 25
S 26	6 18 7	4°18'48	2♎55	11°22	21° 2	21°32	11°10	21°18	20°36	16°46	16°14	28°R40	29°41	13° 0	29°34	S 26
M27	6 22 3	5°19'58	17° 6	12°59	21°57	22°19	11° 8	21°25	20°34	16°46	16°14	28°40	29°38	13° 6	29°35	M27
T 28	6 26 0	6°21'07	1♏21	14°36	22°51	23° 5	11° 6	21°32	20°31	16°D46	16°13	28°38	29°35	13°13	29°36	T 28
W29	6 29 56	7°22'18	15°36	16°14	23°45	23°52	11° 5	21°39	20°29	16°46	16°12	28°36	29°32	13°20	29°37	W29
T 30	6 33 53	8°23'28	29°48	17°51	24°37	24°39	11° 3	21°46	20°26	16°46	16°12	28°33	29°28	13°26	29°38	T 30
F 31	6 37 50	9♑24'39	13♐52	19♑29	25♒30	25♑26	11♉ 2	21♐53	20♋24	16♈46	16♉11	28♋30	29♋25	13♈33	29♓39	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s48	8s38	5n 5	20s32	0n 1	23s40	2s41	24s26	1s 0	14n34	1s15	21s42	1n15	22n12	0n28	5n 7	1s41	1n58	15s27	20n13	19n57	0s23	2n43	3n11
T 2	21 57	13 15	4 47	20 57	0s 6	23 26	2 40	24 25	1 0	14 33	1 15	21 43	1 15	22 13	0 28	5 6	1 41	1 58	15 27	20 15	19 57	0 21	2 43	3 11
F 3	22 6	17 2	4 10	21 21	0 13	23 12	2 38	24 25	1 0	14 31	1 14	21 43	1 15	22 13	0 28	5 6	1 41	1 58	15 27	20 17	19 58	0 19	2 42	3 11
S 4	22 14	19 44	3 18	21 44	0 19	22 57	2 37	24 23	1 1	14 29	1 14	21 44	1 15	22 13	0 28	5 6	1 41	1 58	15 27	20 18	19 59	0 16	2 42	3 10
S 5	22 22	21 10	2 15	22 6	0 26	22 41	2 35	24 22	1 1	14 28	1 14	21 45	1 15	22 14	0 29	5 6	1 41	1 58	15 27	20 19	20 0	0 14	2 42	3 10
M 6	22 29	21 18	1 6	22 27	0 32	22 26	2 33	24 20	1 1	14 26	1 14	21 45	1 14	22 14	0 29	5 5	1 41	1 58	15 26	20 20	20 0	0 11	2 41	3 10
T 7	22 36	20 14	0s 5	22 47	0 39	22 9	2 31	24 18	1 2	14 25	1 13	21 46	1 14	22 14	0 29	5 5	1 41	1 57	15 26	20 20	20 1	0 9	2 41	3 10
W 8	22 43	18 9	1 13	23 6	0 45	21 52	2 28	24 16	1 2	14 23	1 13	21 47	1 14	22 14	0 29	5 5	1 41	1 57	15 26	20 20	20 2	0 7	2 41	3 9
T 9	22 49	15 15	2 17	23 23	0 51	21 35	2 26	24 13	1 2	14 22	1 13	21 47	1 14	22 15	0 29	5 5	1 41	1 57	15 26	20 19	20 2	0 4	2 41	3 9
F 10	22 55	11 46	3 12	23 40	0 57	21 17	2 23	24 10	1 2	14 20	1 13	21 48	1 14	22 15	0 29	5 5	1 41	1 57	15 26	20 19	20 3	0 2	2 40	3 9
S 11	23 0	7 51	3 59	23 55	1 3	20 58	2 20	24 7	1 2	14 19	1 12	21 49	1 14	22 16	0 29	5 4	1 41	1 57	15 25	20 19	20 4	0n 0	2 40	3 9
S 12	23 5	3 41	4 35	24 9	1 8	20 40	2 17	24 4	1 3	14 18	1 12	21 49	1 14	22 16	0 29	5 4	1 41	1 57	15 25	20 19	20 4	0 3	2 40	3 8
M13	23 9	0n36	4 59	24 21	1 14	20 20	2 14	24 0	1 3	14 17	1 12	21 50	1 14	22 16	0 29	5 4	1 41	1 57	15 25	20 20	20 5	0 5	2 40	3 8
T 14	23 13	4 54	5 10	24 33	1 19	20 1	2 10	23 56	1 3	14 16	1 12	21 50	1 14	22 17	0 29	5 4	1 41	1 57	15 25	20 21	20 6	0 7	2 39	3 8
W15	23 17	9 2	5 8	24 43	1 24	19 41	2 7	23 52	1 3	14 14	1 11	21 51	1 14	22 17	0 29	5 4	1 41	1 57	15 25	20 22	20 6	0 10	2 39	3 8
T 16	23 19	12 53	4 51	24 52	1 29	19 21	2 3	23 48	1 3	14 13	1 11	21 52	1 14	22 17	0 29	5 4	1 41	1 57	15 24	20 23	20 7	0 12	2 39	3 7
F 17	23 22	16 15	4 21	24 59	1 34	19 0	1 59	23 43	1 4	14 12	1 11	21 52	1 14	22 18	0 29	5 4	1 41	1 57	15 24	20 24	20 8	0 14	2 39	3 7
S 18	23 24	18 56	3 38	25 5	1 38	18 39	1 55	23 38	1 4	14 12	1 11	21 53	1 14	22 18	0 29	5 3	1 41	1 57	15 24	20 26	20 8	0 17	2 39	3 7
S 19	23 25	20 43	2 43	25 10	1 43	18 17	1 51	23 33	1 4	14 11	1 10	21 53	1 14	22 18	0 29	5 3	1 40	1 57	15 24	20 27	20 9	0 19	2 39	3 7
M20	23 27	21 25	1 38	25 13	1 46	17 56	1 46	23 27	1 4	14 10	1 10	21 54	1 14	22 19	0 29	5 3	1 40	1 57	15 23	20 27	20 10	0 21	2 39	3 6
T 21	23 27	20 56	0 27	25 15	1 50	17 34	1 41	23 21	1 4	14 9	1 10	21 54	1 14	22 19	0 29	5 3	1 40	1 57	15 23	20 27	20 10	0 24	2 39	3 6
W22	23 27	19 14	0n47	25 15	1 54	17 12	1 36	23 15	1 4	14 9	1 9	21 55	1 14	22 20	0 29	5 3	1 40	1 57	15 23	20 27	20 11	0 26	2 39	3 6
T 23	23 27	16 24	2 0	25 14	1 57	16 49	1 31	23 9	1 5	14 8	1 9	21 55	1 14	22 20	0 29	5 3	1 40	1 57	15 23	20 27	20 12	0 28	2 39	3 6
F 24	23 26	12 38	3 6	25 12	2 0	16 27	1 26	23 2	1 5	14 7	1 9	21 56	1 14	22 20	0 29	5 3	1 40	1 57	15 22	20 27	20 12	0 31	2 39	3 5
S 25	23 25	8 8	4 2	25 7	2 2	16 4	1 20	22 55	1 5	14 7	1 8	21 56	1 13	22 21	0 29	5 3	1 40	1 57	15 22	20 27	20 13	0 33	2 39	3 5
S 26	23 23	3 11	4 43	25 2	2 4	15 40	1 15	22 48	1 5	14 7	1 8	21 57	1 13	22 21	0 29	5 3	1 40	1 57	15 22	20 26	20 14	0 36	2 39	3 5
M27	23 21	1s58	5 8	24 55	2 6	15 17	1 9	22 41	1 5	14 6	1 8	21 57	1 13	22 21	0 29	5 3	1 40	1 57	15 22	20 26	20 14	0 38	2 40	3 5
T 28	23 18	7 2	5 14	24 46	2 7	14 54	1 3	22 33	1 5	14 6	1 8	21 58	1 13	22 22	0 29	5 3	1 40	1 57	15 21	20 27	20 15	0 40	2 40	3 5
W29	23 15	11 43	5 1	24 36	2 9	14 30	0 56	22 25	1 5	14 6	1 7	21 58	1 13	22 22	0 29	5 3	1 40	1 58	15 21	20 27	20 16	0 43	2 40	3 4
T 30	23 11	15 44	4 29	24 24	2 9	14 6	0 50	22 17	1 5	14 6	1 7	21 59	1 13	22 23	0 29	5 3	1 40	1 58	15 21	20 28	20 16	0 45	2 40	3 4
F 31	23s 7	18s49	3n42	24s10	2s 9	13s42	0s43	22s 8	1s 6	14n 5	1s 7	21s59	1n13	22n23	0n29	5n 4	1s40	1n58	15s21	20n28	20n17	0n47	2n40	3n 4

Julian Day Number = 2404032.5, Delta T = 2.43 sec
Ecliptic obliquity = 23°27'17, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°55'25, Lahiri = 22°02'26

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ASTRODIENST EPHEMERIS for the year 1870
geocentric

JANUARY 1870 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 41 46	10♑25'50	27♐46	21♑ 6	26♒21	26♑13	11°R 1	22♐ 0	20°R21	16♈46	16°R11	28°R28	29♋22	13♈40	29♓40	S 1
S 2	6 45 43	11°27'02	11♑24	22°44	27°12	27° 0	11♉ 0	22° 6	20♋19	16°47	16♉10	28♋26	29°19	13°47	29°41	S 2
M 3	6 49 39	12°28'13	24°45	24°21	28° 1	27°47	11° 0	22°13	20°16	16°47	16° 9	28°D25	29°16	13°53	29°43	M 3
T 4	6 53 36	13°29'24	7♒48	25°59	28°50	28°34	10°59	22°20	20°13	16°47	16° 9	28°25	29°13	14° 0	29°44	T 4
W 5	6 57 32	14°30'35	20°31	27°36	29°38	29°21	10°D59	22°27	20°11	16°47	16° 8	28°26	29° 9	14° 7	29°45	W 5
T 6	7 1 29	15°31'45	2♓58	29°12	0♓25	0♒ 8	10°59	22°34	20° 8	16°48	16° 8	28°28	29° 6	14°14	29°47	T 6
F 7	7 5 25	16°32'55	15°10	0♒49	1°12	0°55	11° 0	22°40	20° 6	16°48	16° 7	28°29	29° 3	14°20	29°48	F 7
S 8	7 9 22	17°34'05	27°11	2°24	1°57	1°43	11° 0	22°47	20° 3	16°48	16° 7	28°30	29° 0	14°27	29°50	S 8
S 9	7 13 19	18°35'14	9♈ 5	3°58	2°41	2°30	11° 1	22°54	20° 0	16°49	16° 6	28°30	28°57	14°34	29°52	S 9
M10	7 17 15	19°36'22	20°57	5°31	3°24	3°17	11° 2	23° 0	19°58	16°49	16° 6	28°R31	28°54	14°40	29°53	M10
T 11	7 21 12	20°37'30	2♉51	7° 3	4° 6	4° 4	11° 3	23° 7	19°55	16°50	16° 6	28°30	28°50	14°47	29°55	T 11
W12	7 25 8	21°38'37	14°54	8°33	4°47	4°51	11° 4	23°13	19°53	16°50	16° 5	28°30	28°47	14°54	29°57	W12
T 13	7 29 5	22°39'44	27° 7	10° 0	5°26	5°38	11° 6	23°20	19°50	16°51	16° 5	28°29	28°44	15° 1	29°58	T 13
F 14	7 33 1	23°40'50	9♊36	11°25	6° 5	6°26	11° 7	23°26	19°47	16°51	16° 4	28°28	28°41	15° 7	0♈ 0	F 14
S 15	7 36 58	24°41'55	22°24	12°46	6°42	7°13	11° 9	23°33	19°45	16°52	16° 4	28°28	28°38	15°14	0° 2	S 15
S 16	7 40 54	25°42'59	5♋30	14° 4	7°17	8° 0	11°11	23°39	19°42	16°53	16° 4	28°27	28°34	15°21	0° 4	S 16
M17	7 44 51	26°44'03	18°57	15°17	7°52	8°48	11°14	23°46	19°40	16°53	16° 3	28°27	28°31	15°27	0° 6	M17
T 18	7 48 48	27°45'07	2♌41	16°25	8°24	9°35	11°16	23°52	19°37	16°54	16° 3	28°D27	28°28	15°34	0° 8	T 18
W19	7 52 44	28°46'09	16°41	17°26	8°55	10°22	11°19	23°58	19°34	16°55	16° 3	28°R27	28°25	15°41	0°10	W19
T 20	7 56 41	29°47'11	0♍53	18°21	9°25	11°10	11°22	24° 4	19°32	16°55	16° 3	28°27	28°22	15°48	0°12	T 20
F 21	8 0 37	0♒48'13	15°12	19° 8	9°53	11°57	11°25	24°10	19°29	16°56	16° 3	28°27	28°19	15°54	0°14	F 21
S 22	8 4 34	1°49'14	29°34	19°47	10°19	12°44	11°28	24°17	19°27	16°57	16° 2	28°27	28°15	16° 1	0°17	S 22
S 23	8 8 30	2°50'14	13♎54	20°16	10°43	13°32	11°32	24°23	19°24	16°58	16° 2	28°26	28°12	16° 8	0°19	S 23
M24	8 12 27	3°51'14	28°10	20°35	11° 6	14°19	11°35	24°29	19°22	16°59	16° 2	28°D26	28° 9	16°14	0°21	M24
T 25	8 16 23	4°52'14	12♏18	20°R43	11°26	15° 6	11°39	24°35	19°19	17° 0	16° 2	28°26	28° 6	16°21	0°23	T 25
W26	8 20 20	5°53'12	26°16	20°40	11°45	15°54	11°43	24°41	19°17	17° 1	16° 2	28°27	28° 3	16°28	0°26	W26
T 27	8 24 17	6°54'11	10♐ 4	20°25	12° 2	16°41	11°48	24°47	19°14	17° 2	16° 2	28°27	27°59	16°35	0°28	T 27
F 28	8 28 13	7°55'08	23°41	19°59	12°16	17°29	11°52	24°52	19°12	17° 3	16° 2	28°28	27°56	16°41	0°31	F 28
S 29	8 32 10	8°56'05	7♑ 5	19°23	12°29	18°16	11°57	24°58	19° 9	17° 4	16° 2	28°29	27°53	16°48	0°33	S 29
S 30	8 36 6	9°57'01	20°17	18°36	12°39	19° 4	12° 2	25° 4	19° 7	17° 5	16°D 2	28°30	27°50	16°55	0°36	S 30
M31	8 40 3	10♒57'56	3♒16	17♒41	12♓47	19♒51	12♉ 7	25♐10	19♋ 5	17♈ 6	16♉ 2	28°R30	27♋47	17♈ 2	0♈38	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 3	20s45	2n41	23s55	2s 9	13s18	0s36	22s 0	1s 6	14n 5	1s 6	22s 0	1n13	22n23	0n29	5n 4	1s40	1n58	15s20	20n29	20n18	0n50	2n41	3n 4
S 2	22 58	21 26	1 33	23 39	2 8	12 54	0 29	21 51	1 6	14 5	1 6	22 0	1 13	22 24	0 29	5 4	1 40	1 58	15 20	20 29	20 18	0 52	2 41	3 3
M 3	22 52	20 51	0 20	23 21	2 7	12 30	0 21	21 42	1 6	14 6	1 6	22 0	1 13	22 24	0 29	5 4	1 40	1 58	15 20	20 29	20 19	0 54	2 41	3 3
T 4	22 46	19 10	0s52	23 1	2 5	12 6	0 14	21 32	1 6	14 6	1 6	22 1	1 13	22 25	0 29	5 4	1 40	1 58	15 19	20 29	20 20	0 57	2 41	3 3
W 5	22 40	16 33	1 59	22 40	2 3	11 42	0 6	21 22	1 6	14 6	1 5	22 1	1 13	22 25	0 29	5 4	1 40	1 58	15 19	20 29	20 20	0 59	2 42	3 3
T 6	22 33	13 13	3 0	22 17	2 0	11 18	0n 2	21 12	1 6	14 6	1 5	22 2	1 13	22 25	0 29	5 4	1 40	1 59	15 19	20 29	20 21	1 2	2 42	3 2
F 7	22 26	9 24	3 51	21 53	1 56	10 53	0 11	21 2	1 6	14 7	1 5	22 2	1 13	22 26	0 29	5 4	1 39	1 59	15 19	20 29	20 22	1 4	2 43	3 2
S 8	22 18	5 16	4 31	21 27	1 52	10 29	0 19	20 52	1 6	14 7	1 4	22 2	1 13	22 26	0 29	5 5	1 39	1 59	15 18	20 29	20 22	1 6	2 43	3 2
S 9	22 10	0 59	4 59	21 0	1 47	10 5	0 28	20 41	1 6	14 8	1 4	22 3	1 13	22 27	0 29	5 5	1 39	1 59	15 18	20 28	20 23	1 9	2 43	3 2
M10	22 1	3n19	5 14	20 32	1 41	9 41	0 37	20 30	1 6	14 8	1 4	22 3	1 13	22 27	0 29	5 5	1 39	1 59	15 18	20 28	20 24	1 11	2 44	3 2
T 11	21 52	7 31	5 16	20 3	1 35	9 17	0 47	20 19	1 6	14 9	1 3	22 4	1 13	22 27	0 29	5 5	1 39	1 59	15 17	20 28	20 24	1 13	2 44	3 1
W12	21 43	11 28	5 4	19 33	1 27	8 54	0 56	20 8	1 6	14 9	1 3	22 4	1 13	22 28	0 29	5 6	1 39	2 0	15 17	20 29	20 25	1 16	2 45	3 1
T 13	21 33	15 1	4 38	19 1	1 19	8 30	1 6	19 56	1 6	14 10	1 3	22 4	1 13	22 28	0 29	5 6	1 39	2 0	15 17	20 29	20 26	1 18	2 45	3 1
F 14	21 23	17 58	3 59	18 29	1 10	8 7	1 16	19 45	1 6	14 11	1 3	22 5	1 13	22 29	0 29	5 6	1 39	2 0	15 16	20 29	20 26	1 21	2 46	3 1
S 15	21 12	20 7	3 7	17 57	1 0	7 44	1 26	19 33	1 6	14 12	1 2	22 5	1 13	22 29	0 29	5 6	1 39	2 0	15 16	20 29	20 27	1 23	2 46	3 0
S 16	21 1	21 17	2 4	17 24	0 49	7 21	1 37	19 20	1 6	14 13	1 2	22 5	1 13	22 29	0 29	5 7	1 39	2 0	15 16	20 29	20 28	1 25	2 47	3 0
M17	20 49	21 15	0 53	16 51	0 37	6 58	1 47	19 8	1 6	14 14	1 2	22 5	1 13	22 30	0 29	5 7	1 39	2 1	15 15	20 29	20 28	1 28	2 48	3 0
T 18	20 37	19 57	0n23	16 19	0 24	6 36	1 58	18 55	1 6	14 15	1 1	22 6	1 13	22 30	0 29	5 7	1 39	2 1	15 15	20 29	20 29	1 30	2 48	3 0
W19	20 25	17 26	1 39	15 47	0 11	6 14	2 10	18 43	1 6	14 16	1 1	22 6	1 13	22 30	0 29	5 8	1 39	2 1	15 15	20 29	20 30	1 32	2 49	3 0
T 20	20 13	13 49	2 50	15 16	0n 4	5 52	2 21	18 30	1 6	14 17	1 1	22 6	1 13	22 31	0 29	5 8	1 39	2 1	15 14	20 29	20 30	1 35	2 49	2 59
F 21	19 59	9 23	3 51	14 47	0 19	5 31	2 33	18 16	1 6	14 18	1 0	22 7	1 13	22 31	0 29	5 8	1 39	2 2	15 14	20 29	20 31	1 37	2 50	2 59
S 22	19 46	4 25	4 38	14 20	0 36	5 10	2 45	18 3	1 6	14 20	1 0	22 7	1 13	22 32	0 29	5 9	1 39	2 2	15 14	20 29	20 31	1 40	2 51	2 59
S 23	19 32	0s46	5 7	13 54	0 53	4 50	2 57	17 49	1 6	14 21	1 0	22 7	1 13	22 32	0 29	5 9	1 39	2 2	15 13	20 29	20 32	1 42	2 51	2 59
M24	19 18	5 53	5 17	13 32	1 10	4 30	3 9	17 35	1 6	14 23	1 0	22 7	1 13	22 32	0 29	5 9	1 39	2 3	15 13	20 29	20 33	1 44	2 52	2 59
T 25	19 4	10 39	5 8	13 13	1 28	4 10	3 21	17 21	1 5	14 24	0 59	22 8	1 13	22 33	0 29	5 10	1 39	2 3	15 13	20 29	20 33	1 47	2 53	2 58
W26	18 49	14 47	4 41	12 57	1 46	3 52	3 34	17 7	1 5	14 25	0 59	22 8	1 13	22 33	0 29	5 10	1 38	2 3	15 12	20 29	20 34	1 49	2 54	2 58
T 27	18 34	18 4	3 57	12 44	2 3	3 33	3 47	16 53	1 5	14 27	0 59	22 8	1 13	22 33	0 29	5 11	1 38	2 3	15 12	20 29	20 35	1 52	2 54	2 58
F 28	18 18	20 17	3 1	12 36	2 20	3 16	4 0	16 38	1 5	14 29	0 58	22 8	1 13	22 34	0 29	5 11	1 38	2 4	15 12	20 29	20 35	1 54	2 55	2 58
S 29	18 2	21 20	1 56	12 32	2 37	2 59	4 13	16 24	1 5	14 30	0 58	22 8	1 13	22 34	0 29	5 12	1 38	2 4	15 11	20 29	20 36	1 56	2 56	2 58
S 30	17 46	21 10	0 45	12 32	2 52	2 43	4 26	16 9	1 5	14 32	0 58	22 9	1 13	22 34	0 29	5 12	1 38	2 4	15 11	20 29	20 37	1 59	2 57	2 57
M31	17s29	19s52	0s26	12s36	3n 5	2s27	4n40	15s54	1s 5	14n34	0s58	22s 9	1n13	22n35	0n29	5n13	1s38	2n 5	15s11	20n29	20n37	2n 1	2n58	2n57

Julian Day Number = 2404063.5, Delta T = 2.34 sec
Ecliptic obliquity = 23°27'17, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°55'30, Lahiri = 22°02'30

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ASTRODIENST EPHEMERIS for the year 1870
geocentric

FEBRUARY 1870 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 43 59	11♒58'50	16♒ 2	16°R38	12♓52	20♒39	12♉12	25♐15	19°R 2	17♈ 7	16♉ 2	28°R29	27♋44	17♈ 8	0♈41	T 1
W 2	8 47 56	12°59'43	28°34	15♒30	12°55	21°26	12°17	25°21	19♋ 0	17° 8	16° 2	28♋28	27°40	17°15	0°44	W 2
T 3	8 51 53	14° 0'35	10♓54	14°19	12°R56	22°14	12°23	25°26	18°58	17°10	16° 2	28°25	27°37	17°22	0°46	T 3
F 4	8 55 49	15° 1'25	23° 3	13° 6	12°54	23° 1	12°28	25°32	18°55	17°11	16° 2	28°23	27°34	17°28	0°49	F 4
S 5	8 59 46	16° 2'14	5♈ 3	11°54	12°50	23°48	12°34	25°37	18°53	17°12	16° 2	28°20	27°31	17°35	0°52	S 5
S 6	9 3 42	17° 3'01	16°57	10°44	12°43	24°36	12°40	25°42	18°51	17°14	16° 2	28°17	27°28	17°42	0°55	S 6
M 7	9 7 39	18° 3'47	28°49	9°39	12°34	25°23	12°46	25°48	18°49	17°15	16° 2	28°15	27°25	17°49	0°58	M 7
T 8	9 11 35	19° 4'31	10♉42	8°39	12°22	26°11	12°53	25°53	18°47	17°16	16° 3	28°14	27°21	17°55	1° 0	T 8
W 9	9 15 32	20° 5'14	22°42	7°46	12° 8	26°58	12°59	25°58	18°44	17°18	16° 3	28°D14	27°18	18° 2	1° 3	W 9
T 10	9 19 28	21° 5'55	4♊53	7° 0	11°51	27°46	13° 6	26° 3	18°42	17°19	16° 3	28°14	27°15	18° 9	1° 6	T 10
F 11	9 23 25	22° 6'35	17°19	6°22	11°32	28°33	13°13	26° 8	18°40	17°20	16° 3	28°16	27°12	18°15	1° 9	F 11
S 12	9 27 21	23° 7'13	0♋ 6	5°52	11°10	29°21	13°20	26°13	18°38	17°22	16° 4	28°18	27° 9	18°22	1°12	S 12
S 13	9 31 18	24° 7'49	13°16	5°29	10°46	0♓ 8	13°27	26°18	18°36	17°23	16° 4	28°19	27° 5	18°29	1°15	S 13
M14	9 35 15	25° 8'24	26°51	5°15	10°20	0°56	13°34	26°22	18°34	17°25	16° 4	28°R20	27° 2	18°36	1°18	M14
T 15	9 39 11	26° 8'57	10♌50	5°D 8	9°52	1°43	13°42	26°27	18°32	17°27	16° 5	28°19	26°59	18°42	1°21	T 15
W16	9 43 8	27° 9'28	25°12	5° 8	9°22	2°30	13°50	26°32	18°31	17°28	16° 5	28°17	26°56	18°49	1°25	W16
T 17	9 47 4	28° 9'58	9♍51	5°16	8°50	3°18	13°57	26°36	18°29	17°30	16° 5	28°14	26°53	18°56	1°28	T 17
F 18	9 51 1	29°10'26	24°40	5°29	8°17	4° 5	14° 5	26°41	18°27	17°31	16° 6	28° 9	26°50	19° 3	1°31	F 18
S 19	9 54 57	0♓10'53	9♎31	5°48	7°43	4°52	14°13	26°45	18°25	17°33	16° 6	28° 5	26°46	19° 9	1°34	S 19
S 20	9 58 54	1°11'18	24°15	6°13	7° 7	5°40	14°22	26°49	18°23	17°35	16° 7	28° 0	26°43	19°16	1°37	S 20
M21	10 2 50	2°11'42	8♏48	6°44	6°30	6°27	14°30	26°54	18°22	17°36	16° 7	27°57	26°40	19°23	1°41	M21
T 22	10 6 47	3°12'05	23° 3	7°18	5°53	7°15	14°38	26°58	18°20	17°38	16° 8	27°55	26°37	19°29	1°44	T 22
W23	10 10 44	4°12'27	7♐ 0	7°58	5°16	8° 2	14°47	27° 2	18°18	17°40	16° 8	27°D54	26°34	19°36	1°47	W23
T 24	10 14 40	5°12'47	20°37	8°41	4°38	8°49	14°56	27° 6	18°17	17°42	16° 9	27°55	26°31	19°43	1°50	T 24
F 25	10 18 37	6°13'05	3♑57	9°28	4° 1	9°37	15° 5	27°10	18°15	17°43	16° 9	27°57	26°27	19°50	1°54	F 25
S 26	10 22 33	7°13'23	17° 0	10°19	3°24	10°24	15°14	27°14	18°14	17°45	16°10	27°58	26°24	19°56	1°57	S 26
S 27	10 26 30	8°13'38	29°50	11°12	2°48	11°11	15°23	27°17	18°13	17°47	16°10	27°R59	26°21	20° 3	2° 0	S 27
M28	10 30 26	9♓13'52	12♒27	12♒ 9	2♓12	11♓58	15♉32	27♐21	18♋11	17♈49	16♉11	27♋57	26♋18	20♈10	2♈ 4	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s13	17s34	1s36	12s44	3n17	2s13	4n53	15s39	1s 5	14n36	0s57	22s 9	1n13	22n35	0n29	5n13	1s38	2n 5	15s10	20n29	20n38	2n 4	2n59	2n57
W 2	16 56	14 28	2 39	12 55	3 26	1 59	5 7	15 23	1 5	14 38	0 57	22 9	1 13	22 35	0 29	5 14	1 38	2 5	15 10	20 29	20 38	2 6	3 0	2 57
T 3	16 38	10 46	3 33	13 8	3 34	1 46	5 20	15 8	1 4	14 40	0 57	22 9	1 13	22 36	0 29	5 14	1 38	2 6	15 10	20 29	20 39	2 8	3 0	2 57
F 4	16 20	6 42	4 17	13 24	3 38	1 35	5 34	14 52	1 4	14 42	0 57	22 10	1 13	22 36	0 29	5 15	1 38	2 6	15 9	20 30	20 40	2 11	3 1	2 56
S 5	16 2	2 25	4 50	13 42	3 41	1 24	5 47	14 36	1 4	14 44	0 56	22 10	1 13	22 36	0 29	5 15	1 38	2 6	15 9	20 31	20 40	2 13	3 2	2 56
S 6	15 44	1n54	5 9	14 1	3 40	1 14	6 1	14 20	1 4	14 46	0 56	22 10	1 13	22 37	0 29	5 16	1 38	2 7	15 9	20 31	20 41	2 16	3 3	2 56
M 7	15 26	6 9	5 15	14 21	3 38	1 5	6 14	14 4	1 4	14 48	0 56	22 10	1 13	22 37	0 29	5 16	1 38	2 7	15 8	20 31	20 42	2 18	3 4	2 56
T 8	15 7	10 10	5 8	14 40	3 34	0 57	6 27	13 48	1 4	14 50	0 55	22 10	1 13	22 37	0 29	5 17	1 38	2 8	15 8	20 32	20 42	2 20	3 5	2 56
W 9	14 48	13 50	4 47	15 0	3 27	0 51	6 40	13 31	1 3	14 52	0 55	22 10	1 13	22 38	0 29	5 17	1 38	2 8	15 8	20 32	20 43	2 23	3 6	2 56
T 10	14 28	16 58	4 13	15 19	3 20	0 46	6 52	13 15	1 3	14 54	0 55	22 10	1 13	22 38	0 29	5 18	1 38	2 8	15 7	20 32	20 43	2 25	3 7	2 55
F 11	14 9	19 25	3 27	15 37	3 10	0 42	7 5	12 58	1 3	14 57	0 55	22 10	1 13	22 38	0 29	5 19	1 38	2 9	15 7	20 31	20 44	2 28	3 8	2 55
S 12	13 49	20 58	2 29	15 54	3 0	0 39	7 16	12 41	1 3	14 59	0 54	22 11	1 14	22 38	0 29	5 19	1 38	2 9	15 7	20 31	20 45	2 30	3 9	2 55
S 13	13 29	21 26	1 22	16 10	2 49	0 37	7 28	12 24	1 3	15 2	0 54	22 11	1 14	22 39	0 29	5 20	1 38	2 10	15 6	20 31	20 45	2 32	3 10	2 55
M14	13 9	20 40	0 8	16 25	2 38	0 37	7 38	12 7	1 2	15 4	0 54	22 11	1 14	22 39	0 29	5 20	1 38	2 10	15 6	20 31	20 46	2 35	3 11	2 55
T 15	12 49	18 37	1n 8	16 39	2 25	0 38	7 49	11 50	1 2	15 6	0 54	22 11	1 14	22 39	0 29	5 21	1 38	2 10	15 6	20 31	20 46	2 37	3 13	2 55
W16	12 28	15 21	2 22	16 51	2 13	0 40	7 58	11 33	1 2	15 9	0 53	22 11	1 14	22 39	0 29	5 22	1 38	2 11	15 5	20 31	20 47	2 40	3 14	2 54
T 17	12 7	11 5	3 28	17 1	2 0	0 44	8 7	11 16	1 2	15 12	0 53	22 11	1 14	22 40	0 29	5 22	1 37	2 11	15 5	20 32	20 48	2 42	3 15	2 54
F 18	11 46	6 6	4 20	17 10	1 48	0 49	8 15	10 58	1 1	15 14	0 53	22 11	1 14	22 40	0 29	5 23	1 37	2 12	15 5	20 33	20 48	2 44	3 16	2 54
S 19	11 25	0 46	4 56	17 18	1 35	0 54	8 22	10 41	1 1	15 17	0 53	22 11	1 14	22 40	0 29	5 24	1 37	2 12	15 4	20 34	20 49	2 47	3 17	2 54
S 20	11 4	4s35	5 11	17 24	1 22	1 2	8 28	10 23	1 1	15 19	0 52	22 11	1 14	22 40	0 29	5 24	1 37	2 12	15 4	20 34	20 50	2 49	3 18	2 54
M21	10 42	9 36	5 6	17 28	1 10	1 10	8 34	10 5	1 1	15 22	0 52	22 11	1 14	22 41	0 29	5 25	1 37	2 13	15 4	20 35	20 50	2 52	3 19	2 54
T 22	10 20	13 59	4 42	17 31	0 58	1 19	8 38	9 47	1 0	15 25	0 52	22 11	1 14	22 41	0 29	5 26	1 37	2 13	15 3	20 36	20 51	2 54	3 21	2 54
W23	9 58	17 31	4 2	17 33	0 46	1 29	8 42	9 29	1 0	15 28	0 52	22 11	1 14	22 41	0 29	5 26	1 37	2 14	15 3	20 36	20 51	2 57	3 22	2 53
T 24	9 36	19 59	3 9	17 33	0 34	1 40	8 44	9 11	1 0	15 30	0 52	22 11	1 14	22 41	0 29	5 27	1 37	2 14	15 3	20 35	20 52	2 59	3 23	2 53
F 25	9 14	21 17	2 7	17 32	0 23	1 52	8 46	8 53	0 59	15 33	0 51	22 11	1 14	22 41	0 29	5 28	1 37	2 15	15 2	20 35	20 53	3 1	3 24	2 53
S 26	8 52	21 23	0 59	17 29	0 12	2 4	8 47	8 35	0 59	15 36	0 51	22 12	1 14	22 42	0 29	5 28	1 37	2 15	15 2	20 35	20 53	3 4	3 25	2 53
S 27	8 29	20 22	0s10	17 24	0 1	2 17	8 46	8 17	0 59	15 39	0 51	22 12	1 14	22 42	0 29	5 29	1 37	2 16	15 2	20 35	20 54	3 6	3 27	2 53
M28	8s 7	18s19	1s18	17s18	0s 9	2s31	8n45	7s59	0s59	15n42	0s51	22s12	1n14	22n42	0n29	5n30	1s37	2n16	15s 1	20n35	20n54	3n 9	3n28	2n53

Julian Day Number = 2404094.5, Delta T = 2.24 sec
Ecliptic obliquity = 23°27'18, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°55'34, Lahiri = 22°02'34

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ASTRODIENST EPHEMERIS for the year 1870
geocentric

MARCH 1870 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 34 23	10♓14'04	24♒54	13♒ 9	1°R38	12♓46	15♉42	27♐25	18°R10	17♈51	16♉12	27°R54	26♋15	20♈16	2♈ 7	T 1
W 2	10 38 19	11°14'15	7♓12	14°11	1♓ 5	13°33	15°51	27°28	18♋ 9	17°53	16°12	27♋49	26°11	20°23	2°11	W 2
T 3	10 42 16	12°14'24	19°21	15°16	0°33	14°20	16° 1	27°32	18° 7	17°55	16°13	27°42	26° 8	20°30	2°14	T 3
F 4	10 46 13	13°14'31	1♈24	16°23	0° 4	15° 7	16°11	27°35	18° 6	17°57	16°14	27°33	26° 5	20°37	2°18	F 4
S 5	10 50 9	14°14'35	13°20	17°32	29♒36	15°54	16°20	27°38	18° 5	17°58	16°14	27°24	26° 2	20°43	2°21	S 5
S 6	10 54 6	15°14'38	25°13	18°43	29°10	16°42	16°31	27°41	18° 4	18° 0	16°15	27°14	25°59	20°50	2°25	S 6
M 7	10 58 2	16°14'39	7♉ 4	19°56	28°46	17°29	16°41	27°44	18° 3	18° 2	16°16	27° 7	25°56	20°57	2°28	M 7
T 8	11 1 59	17°14'38	18°57	21°11	28°25	18°16	16°51	27°47	18° 2	18° 4	16°16	27° 0	25°52	21° 4	2°32	T 8
W 9	11 5 55	18°14'34	0♊54	22°28	28° 6	19° 3	17° 1	27°50	18° 1	18° 6	16°17	26°56	25°49	21°10	2°35	W 9
T 10	11 9 52	19°14'29	13° 2	23°46	27°49	19°50	17°12	27°53	18° 0	18° 8	16°18	26°55	25°46	21°17	2°39	T 10
F 11	11 13 48	20°14'21	25°23	25° 6	27°34	20°37	17°22	27°56	17°59	18°10	16°19	26°D55	25°43	21°24	2°42	F 11
S 12	11 17 45	21°14'11	8♋ 4	26°27	27°22	21°24	17°33	27°58	17°58	18°13	16°20	26°55	25°40	21°30	2°46	S 12
S 13	11 21 42	22°13'59	21° 9	27°51	27°13	22°11	17°44	28° 1	17°58	18°15	16°21	26°R56	25°37	21°37	2°49	S 13
M14	11 25 38	23°13'45	4♌41	29°15	27° 6	22°58	17°55	28° 3	17°57	18°17	16°21	26°56	25°33	21°44	2°53	M14
T 15	11 29 35	24°13'28	18°42	0♓41	27° 1	23°45	18° 5	28° 6	17°56	18°19	16°22	26°54	25°30	21°51	2°57	T 15
W16	11 33 31	25°13'10	3♍11	2° 8	26°D59	24°32	18°17	28° 8	17°56	18°21	16°23	26°50	25°27	21°57	3° 0	W16
T 17	11 37 28	26°12'49	18° 4	3°37	26°59	25°18	18°28	28°10	17°55	18°23	16°24	26°43	25°24	22° 4	3° 4	T 17
F 18	11 41 24	27°12'26	3♎12	5° 7	27° 2	26° 5	18°39	28°12	17°55	18°25	16°25	26°34	25°21	22°11	3° 7	F 18
S 19	11 45 21	28°12'00	18°26	6°39	27° 7	26°52	18°50	28°14	17°54	18°27	16°26	26°25	25°17	22°17	3°11	S 19
S 20	11 49 17	29°11'34	3♏34	8°11	27°14	27°39	19° 2	28°16	17°54	18°29	16°27	26°16	25°14	22°24	3°15	S 20
M21	11 53 14	0♈11'05	18°28	9°46	27°24	28°25	19°13	28°18	17°54	18°32	16°28	26° 8	25°11	22°31	3°18	M21
T 22	11 57 10	1°10'34	3♐ 0	11°21	27°35	29°12	19°25	28°19	17°53	18°34	16°29	26° 3	25° 8	22°38	3°22	T 22
W23	12 1 7	2°10'02	17° 6	12°58	27°49	29°59	19°36	28°21	17°53	18°36	16°30	26° 0	25° 5	22°44	3°26	W23
T 24	12 5 4	3° 9'28	0♑46	14°36	28° 5	0♈45	19°48	28°22	17°53	18°38	16°31	25°D59	25° 2	22°51	3°29	T 24
F 25	12 9 0	4° 8'53	14° 1	16°16	28°23	1°32	20° 0	28°24	17°53	18°40	16°32	25°59	24°58	22°58	3°33	F 25
S 26	12 12 57	5° 8'16	26°56	17°56	28°43	2°19	20°12	28°25	17°D53	18°43	16°33	25°R59	24°55	23° 5	3°37	S 26
S 27	12 16 53	6° 7'36	9♒33	19°38	29° 4	3° 5	20°24	28°26	17°53	18°45	16°34	25°58	24°52	23°11	3°40	S 27
M28	12 20 50	7° 6'55	21°56	21°22	29°28	3°52	20°36	28°27	17°53	18°47	16°35	25°56	24°49	23°18	3°44	M28
T 29	12 24 46	8° 6'13	4♓ 9	23° 7	29°53	4°38	20°48	28°28	17°53	18°49	16°36	25°50	24°46	23°25	3°47	T 29
W30	12 28 43	9° 5'28	16°15	24°53	0♓20	5°24	21° 0	28°29	17°53	18°52	16°37	25°41	24°42	23°31	3°51	W30
T 31	12 32 39	10♈ 4'41	28♓14	26♓41	0♓48	6♈11	21♉13	28♐30	17♋54	18♈54	16♉38	25♋30	24♋39	23♈38	3♈55	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s44	15s26	2s21	17s11	0s19	2s45	8n43	7s40	0s58	15n45	0s50	22s12	1n14	22n42	0n29	5n31	1s37	2n17	15s 1	20n36	20n55	3n11	3n29	2n53
W 2	7 21	11 54	3 16	17 3	0 29	3 0	8 39	7 22	0 58	15 48	0 50	22 12	1 14	22 42	0 29	5 31	1 37	2 17	15 1	20 37	20 56	3 13	3 30	2 53
T 3	6 58	7 55	4 2	16 52	0 38	3 14	8 35	7 3	0 58	15 51	0 50	22 12	1 14	22 42	0 29	5 32	1 37	2 17	15 1	20 38	20 56	3 16	3 32	2 52
F 4	6 35	3 40	4 36	16 41	0 47	3 29	8 30	6 45	0 57	15 54	0 50	22 12	1 14	22 43	0 29	5 33	1 37	2 18	15 0	20 40	20 57	3 18	3 33	2 52
S 5	6 12	0n42	4 58	16 28	0 55	3 44	8 25	6 26	0 57	15 57	0 50	22 12	1 14	22 43	0 29	5 34	1 37	2 18	15 0	20 42	20 57	3 21	3 34	2 52
S 6	5 49	5 0	5 7	16 14	1 3	3 59	8 18	6 7	0 57	16 0	0 49	22 12	1 14	22 43	0 29	5 34	1 37	2 19	15 0	20 44	20 58	3 23	3 35	2 52
M 7	5 26	9 7	5 2	15 58	1 11	4 13	8 11	5 49	0 56	16 3	0 49	22 12	1 15	22 43	0 29	5 35	1 37	2 19	14 59	20 45	20 59	3 26	3 37	2 52
T 8	5 3	12 54	4 45	15 41	1 18	4 28	8 4	5 30	0 56	16 6	0 49	22 12	1 15	22 43	0 29	5 36	1 37	2 20	14 59	20 46	20 59	3 28	3 38	2 52
W 9	4 39	16 12	4 15	15 23	1 25	4 42	7 55	5 11	0 55	16 9	0 49	22 12	1 15	22 43	0 29	5 37	1 37	2 20	14 59	20 47	21 0	3 30	3 39	2 52
T 10	4 16	18 51	3 33	15 3	1 32	4 56	7 47	4 52	0 55	16 12	0 49	22 12	1 15	22 43	0 29	5 38	1 37	2 21	14 59	20 47	21 0	3 33	3 41	2 52
F 11	3 52	20 42	2 41	14 42	1 38	5 9	7 37	4 34	0 55	16 15	0 48	22 12	1 15	22 43	0 29	5 38	1 37	2 21	14 58	20 47	21 1	3 35	3 42	2 52
S 12	3 29	21 33	1 39	14 20	1 44	5 22	7 28	4 15	0 54	16 19	0 48	22 12	1 15	22 43	0 29	5 39	1 37	2 22	14 58	20 47	21 1	3 38	3 43	2 51
S 13	3 5	21 17	0 31	13 56	1 49	5 35	7 18	3 56	0 54	16 22	0 48	22 12	1 15	22 44	0 29	5 40	1 37	2 22	14 58	20 47	21 2	3 40	3 45	2 51
M14	2 41	19 46	0n41	13 31	1 54	5 47	7 7	3 37	0 54	16 25	0 48	22 12	1 15	22 44	0 29	5 41	1 37	2 23	14 57	20 47	21 3	3 43	3 46	2 51
T 15	2 18	17 2	1 54	13 5	1 58	5 59	6 57	3 18	0 53	16 28	0 48	22 12	1 15	22 44	0 29	5 42	1 37	2 23	14 57	20 47	21 3	3 45	3 47	2 51
W16	1 54	13 9	3 1	12 38	2 3	6 10	6 46	2 59	0 53	16 31	0 47	22 12	1 15	22 44	0 29	5 42	1 37	2 24	14 57	20 48	21 4	3 47	3 49	2 51
T 17	1 30	8 22	3 58	12 9	2 6	6 20	6 35	2 40	0 52	16 35	0 47	22 11	1 15	22 44	0 29	5 43	1 37	2 24	14 57	20 50	21 4	3 50	3 50	2 51
F 18	1 7	3 0	4 39	11 39	2 9	6 29	6 24	2 21	0 52	16 38	0 47	22 11	1 15	22 44	0 29	5 44	1 37	2 25	14 56	20 51	21 5	3 52	3 51	2 51
S 19	0 43	2s36	5 1	11 7	2 12	6 38	6 13	2 2	0 51	16 41	0 47	22 11	1 15	22 44	0 29	5 45	1 37	2 25	14 56	20 53	21 6	3 55	3 53	2 51
S 20	0 19	7 59	5 1	10 35	2 14	6 47	6 1	1 43	0 51	16 45	0 47	22 11	1 15	22 44	0 29	5 46	1 37	2 26	14 56	20 55	21 6	3 57	3 54	2 51
M21	0n 4	12 50	4 41	10 1	2 16	6 54	5 50	1 24	0 51	16 48	0 46	22 11	1 15	22 44	0 29	5 47	1 37	2 26	14 56	20 56	21 7	4 0	3 56	2 51
T 22	0 28	16 48	4 3	9 26	2 18	7 1	5 38	1 5	0 50	16 51	0 46	22 11	1 15	22 44	0 29	5 47	1 37	2 27	14 55	20 57	21 7	4 2	3 57	2 51
W23	0 52	19 39	3 11	8 50	2 19	7 7	5 27	0 46	0 50	16 54	0 46	22 11	1 15	22 44	0 29	5 48	1 37	2 27	14 55	20 58	21 8	4 4	3 58	2 51
T 24	1 15	21 17	2 10	8 13	2 19	7 12	5 15	0 27	0 49	16 58	0 46	22 11	1 15	22 44	0 29	5 49	1 37	2 28	14 55	20 58	21 8	4 7	4 0	2 51
F 25	1 39	21 40	1 3	7 34	2 19	7 17	5 4	0 8	0 49	17 1	0 46	22 11	1 16	22 44	0 29	5 50	1 37	2 28	14 55	20 58	21 9	4 9	4 1	2 50
S 26	2 3	20 52	0s 5	6 54	2 19	7 21	4 53	0n11	0 48	17 5	0 46	22 11	1 16	22 44	0 29	5 51	1 37	2 29	14 54	20 58	21 10	4 12	4 2	2 50
S 27	2 26	19 1	1 11	6 13	2 18	7 24	4 41	0 30	0 48	17 8	0 45	22 11	1 16	22 44	0 29	5 52	1 37	2 29	14 54	20 58	21 10	4 14	4 4	2 50
M28	2 50	16 18	2 13	5 31	2 17	7 27	4 30	0 49	0 47	17 11	0 45	22 11	1 16	22 44	0 29	5 53	1 37	2 30	14 54	20 59	21 11	4 17	4 5	2 50
T 29	3 13	12 54	3 8	4 48	2 15	7 28	4 19	1 7	0 47	17 15	0 45	22 11	1 16	22 44	0 29	5 53	1 37	2 30	14 54	21 0	21 11	4 19	4 7	2 50
W30	3 36	9 0	3 53	4 4	2 13	7 29	4 8	1 26	0 46	17 18	0 45	22 11	1 16	22 44	0 29	5 54	1 37	2 31	14 54	21 1	21 12	4 21	4 8	2 50
T 31	4n 0	4s47	4s27	3s18	2s10	7s30	3n57	1n45	0s46	17n21	0s45	22s11	1n16	22n44	0n29	5n55	1s37	2n31	14s53	21n 3	21n12	4n24	4n 9	2n50

Julian Day Number = 2404122.5, Delta T = 2.16 sec
Ecliptic obliquity = 23°27'19, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°55'38, Lahiri = 22°02'38

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ASTRODIENST EPHEMERIS for the year 1870
geocentric

APRIL 1870 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 36 36	11♈ 3'52	10♈10	28♓30	1♓18	6♈57	21♉25	28♐31	17♋54	18♈56	16♉40	25°R17	24♋36	23♈45	3♈58	F 1
S 2	12 40 33	12° 3'01	22° 3	0♈20	1°50	7°43	21°37	28°31	17°54	18°58	16°41	25♋ 3	24°33	23°52	4° 2	S 2
S 3	12 44 29	13° 2'09	3♉55	2°12	2°22	8°30	21°50	28°32	17°55	19° 1	16°42	24°49	24°30	23°58	4° 5	S 3
M 4	12 48 26	14° 1'14	15°47	4° 5	2°57	9°16	22° 3	28°32	17°55	19° 3	16°43	24°37	24°27	24° 5	4° 9	M 4
T 5	12 52 22	15° 0'16	27°41	6° 0	3°32	10° 2	22°15	28°32	17°56	19° 5	16°44	24°26	24°23	24°12	4°13	T 5
W 6	12 56 19	15°59'17	9♊41	7°56	4° 9	10°48	22°28	28°33	17°56	19° 7	16°45	24°19	24°20	24°18	4°16	W 6
T 7	13 0 15	16°58'16	21°48	9°54	4°47	11°34	22°41	28°R33	17°57	19°10	16°47	24°14	24°17	24°25	4°20	T 7
F 8	13 4 12	17°57'12	4♋ 8	11°52	5°26	12°20	22°53	28°33	17°57	19°12	16°48	24°12	24°14	24°32	4°23	F 8
S 9	13 8 8	18°56'06	16°45	13°53	6° 6	13° 7	23° 6	28°33	17°58	19°14	16°49	24°12	24°11	24°39	4°27	S 9
S 10	13 12 5	19°54'58	29°44	15°54	6°47	13°52	23°19	28°32	17°59	19°16	16°50	24°12	24° 8	24°45	4°30	S 10
M11	13 16 2	20°53'47	13♌ 8	17°57	7°30	14°38	23°32	28°32	18° 0	19°19	16°51	24°11	24° 4	24°52	4°34	M11
T 12	13 19 58	21°52'34	27° 1	20° 0	8°13	15°24	23°45	28°32	18° 1	19°21	16°53	24° 8	24° 1	24°59	4°37	T 12
W13	13 23 55	22°51'19	11♍24	22° 5	8°57	16°10	23°58	28°31	18° 1	19°23	16°54	24° 3	23°58	25° 6	4°41	W13
T 14	13 27 51	23°50'02	26°13	24°11	9°42	16°56	24°11	28°31	18° 2	19°25	16°55	23°55	23°55	25°12	4°44	T 14
F 15	13 31 48	24°48'42	11♎23	26°17	10°28	17°42	24°25	28°30	18° 3	19°28	16°56	23°45	23°52	25°19	4°48	F 15
S 16	13 35 44	25°47'20	26°44	28°24	11°15	18°27	24°38	28°29	18° 5	19°30	16°58	23°34	23°48	25°26	4°51	S 16
S 17	13 39 41	26°45'57	12♏ 3	0♉31	12° 3	19°13	24°51	28°28	18° 6	19°32	16°59	23°23	23°45	25°32	4°55	S 17
M18	13 43 37	27°44'32	27°11	2°39	12°51	19°59	25° 4	28°27	18° 7	19°34	17° 0	23°14	23°42	25°39	4°58	M18
T 19	13 47 34	28°43'05	11♐57	4°46	13°41	20°44	25°18	28°26	18° 8	19°37	17° 2	23° 7	23°39	25°46	5° 2	T 19
W20	13 51 31	29°41'36	26°15	6°53	14°31	21°30	25°31	28°25	18° 9	19°39	17° 3	23° 3	23°36	25°53	5° 5	W20
T 21	13 55 27	0♑40'06	10♑ 4	8°59	15°21	22°15	25°45	28°24	18°11	19°41	17° 4	23° 1	23°33	25°59	5° 8	T 21
F 22	13 59 24	1°38'34	23°25	11° 3	16°13	23° 1	25°58	28°22	18°12	19°43	17° 5	23°D 1	23°29	26° 6	5°12	F 22
S 23	14 3 20	2°37'01	6♒21	13° 7	17° 5	23°46	26°12	28°21	18°13	19°46	17° 7	23°R 1	23°26	26°13	5°15	S 23
S 24	14 7 17	3°35'25	18°56	15° 9	17°57	24°31	26°25	28°19	18°15	19°48	17° 8	23° 0	23°23	26°20	5°18	S 24
M25	14 11 13	4°33'49	1♓15	17° 8	18°51	25°17	26°39	28°18	18°16	19°50	17° 9	22°57	23°20	26°26	5°22	M25
T 26	14 15 10	5°32'10	13°21	19° 6	19°44	26° 2	26°52	28°16	18°18	19°52	17°11	22°52	23°17	26°33	5°25	T 26
W27	14 19 6	6°30'30	25°20	21° 0	20°39	26°47	27° 6	28°14	18°20	19°55	17°12	22°44	23°13	26°40	5°28	W27
T 28	14 23 3	7°28'49	7♈14	22°52	21°34	27°32	27°20	28°12	18°21	19°57	17°13	22°33	23°10	26°46	5°31	T 28
F 29	14 27 0	8°27'06	19° 6	24°41	22°29	28°17	27°34	28°10	18°23	19°59	17°15	22°21	23° 7	26°53	5°34	F 29
S 30	14 30 56	9♉25'21	0♉57	26♉27	23♓25	29♈ 2	27♉47	28♐ 8	18♋25	20♈ 1	17♉16	22♋ 8	23♋ 4	27♈ 0	5♈38	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n23	0s25	4s50	2s32	2s 7	7s29	3n47	2n 4	0s46	17n25	0s45	22s11	1n16	22n44	0n28	5n56	1s37	2n32	14s53	21n 6	21n13	4n26	4n11	2n50
S 2	4 46	3n58	5 0	1 45	2 3	7 28	3 36	2 23	0 45	17 28	0 44	22 11	1 16	22 44	0 28	5 57	1 37	2 32	14 53	21 8	21 14	4 29	4 12	2 50
S 3	5 9	8 11	4 56	0 56	1 58	7 26	3 26	2 41	0 45	17 32	0 44	22 11	1 16	22 44	0 28	5 58	1 37	2 33	14 53	21 11	21 14	4 31	4 14	2 50
M 4	5 32	12 6	4 40	0 7	1 54	7 24	3 15	3 0	0 44	17 35	0 44	22 11	1 16	22 43	0 28	5 58	1 37	2 33	14 53	21 13	21 15	4 34	4 15	2 50
T 5	5 55	15 34	4 12	0n44	1 48	7 20	3 5	3 19	0 44	17 38	0 44	22 11	1 16	22 43	0 28	5 59	1 37	2 34	14 52	21 15	21 15	4 36	4 16	2 50
W 6	6 18	18 25	3 32	1 35	1 42	7 17	2 55	3 37	0 43	17 42	0 44	22 11	1 16	22 43	0 28	6 0	1 37	2 34	14 52	21 16	21 16	4 38	4 18	2 50
T 7	6 40	20 30	2 42	2 27	1 36	7 12	2 45	3 56	0 42	17 45	0 44	22 11	1 16	22 43	0 28	6 1	1 37	2 35	14 52	21 17	21 16	4 41	4 19	2 50
F 8	7 3	21 40	1 44	3 20	1 29	7 7	2 35	4 14	0 42	17 48	0 43	22 10	1 16	22 43	0 28	6 2	1 37	2 35	14 52	21 17	21 17	4 43	4 21	2 50
S 9	7 25	21 45	0 39	4 13	1 22	7 1	2 26	4 33	0 41	17 52	0 43	22 10	1 16	22 43	0 28	6 3	1 37	2 36	14 52	21 17	21 17	4 46	4 22	2 50
S 10	7 48	20 42	0n29	5 7	1 14	6 55	2 16	4 51	0 41	17 55	0 43	22 10	1 16	22 43	0 28	6 4	1 37	2 36	14 51	21 17	21 18	4 48	4 23	2 50
M11	8 10	18 27	1 38	6 2	1 6	6 48	2 7	5 9	0 40	17 59	0 43	22 10	1 16	22 43	0 28	6 4	1 37	2 37	14 51	21 17	21 19	4 51	4 25	2 50
T 12	8 32	15 5	2 44	6 57	0 57	6 40	1 58	5 27	0 40	18 2	0 43	22 10	1 17	22 43	0 28	6 5	1 37	2 37	14 51	21 18	21 19	4 53	4 26	2 50
W13	8 54	10 43	3 42	7 52	0 48	6 32	1 49	5 46	0 39	18 5	0 43	22 10	1 17	22 42	0 28	6 6	1 37	2 37	14 51	21 19	21 20	4 56	4 27	2 50
T 14	9 15	5 34	4 26	8 48	0 38	6 23	1 40	6 4	0 39	18 9	0 43	22 10	1 17	22 42	0 28	6 7	1 37	2 38	14 51	21 20	21 20	4 58	4 29	2 50
F 15	9 37	0s 0	4 53	9 43	0 28	6 14	1 32	6 22	0 38	18 12	0 42	22 10	1 17	22 42	0 28	6 8	1 37	2 38	14 51	21 22	21 21	5 0	4 30	2 50
S 16	9 58	5 39	5 0	10 38	0 18	6 4	1 23	6 39	0 38	18 15	0 42	22 10	1 17	22 42	0 28	6 9	1 37	2 39	14 51	21 24	21 21	5 3	4 32	2 50
S 17	10 20	10 57	4 45	11 33	0 8	5 53	1 15	6 57	0 37	18 19	0 42	22 10	1 17	22 42	0 28	6 10	1 37	2 39	14 50	21 26	21 22	5 5	4 33	2 50
M18	10 41	15 29	4 10	12 27	0n 3	5 42	1 7	7 15	0 37	18 22	0 42	22 10	1 17	22 42	0 28	6 10	1 37	2 40	14 50	21 27	21 22	5 8	4 34	2 50
T 19	11 2	18 57	3 19	13 20	0 14	5 31	0 59	7 33	0 36	18 25	0 42	22 10	1 17	22 41	0 28	6 11	1 37	2 40	14 50	21 28	21 23	5 10	4 36	2 50
W20	11 22	21 8	2 16	14 13	0 25	5 19	0 51	7 50	0 35	18 29	0 42	22 10	1 17	22 41	0 28	6 12	1 37	2 41	14 50	21 29	21 24	5 13	4 37	2 50
T 21	11 43	21 57	1 8	15 4	0 36	5 6	0 44	8 8	0 35	18 32	0 42	22 10	1 17	22 41	0 28	6 13	1 37	2 41	14 50	21 29	21 24	5 15	4 38	2 50
F 22	12 3	21 27	0s 2	15 53	0 46	4 53	0 36	8 25	0 34	18 35	0 41	22 10	1 17	22 41	0 28	6 14	1 37	2 42	14 50	21 29	21 25	5 17	4 40	2 50
S 23	12 23	19 50	1 10	16 42	0 57	4 40	0 29	8 42	0 34	18 39	0 41	22 10	1 17	22 41	0 28	6 15	1 37	2 42	14 50	21 29	21 25	5 20	4 41	2 50
S 24	12 43	17 15	2 13	17 28	1 8	4 26	0 22	9 0	0 33	18 42	0 41	22 10	1 17	22 40	0 28	6 15	1 37	2 43	14 50	21 30	21 26	5 22	4 42	2 50
M25	13 3	13 57	3 7	18 12	1 18	4 11	0 15	9 17	0 33	18 45	0 41	22 10	1 17	22 40	0 28	6 16	1 37	2 43	14 50	21 30	21 26	5 25	4 44	2 50
T 26	13 23	10 8	3 53	18 54	1 27	3 56	0 8	9 34	0 32	18 48	0 41	22 9	1 17	22 40	0 28	6 17	1 37	2 43	14 49	21 31	21 27	5 27	4 45	2 50
W27	13 42	5 57	4 27	19 34	1 36	3 41	0 2	9 51	0 31	18 52	0 41	22 9	1 17	22 40	0 28	6 18	1 37	2 44	14 49	21 32	21 27	5 30	4 46	2 50
T 28	14 1	1 34	4 50	20 12	1 45	3 25	0s 5	10 7	0 31	18 55	0 41	22 9	1 17	22 40	0 28	6 19	1 37	2 44	14 49	21 34	21 28	5 32	4 47	2 50
F 29	14 20	2n51	5 0	20 47	1 53	3 9	0 11	10 24	0 30	18 58	0 41	22 9	1 17	22 39	0 28	6 19	1 37	2 45	14 49	21 36	21 28	5 35	4 49	2 50
S 30	14n38	7n10	4s57	21n20	2n 1	2s53	0s17	10n41	0s30	19n 1	0s41	22s 9	1n17	22n39	0n28	6n20	1s37	2n45	14s49	21n38	21n29	5n37	4n50	2n50

Julian Day Number = 2404153.5, Delta T = 2.07 sec
Ecliptic obliquity = 23°27'19, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°55'42, Lahiri = 22°02'42

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ASTRODIENST EPHEMERIS for the year 1870
geocentric

MAY 1870 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 34 53	10♉23'34	12♉50	28♉ 9	24♓21	29♈47	28♉ 1	28°R 6	18♋27	20♈ 3	17♉17	21°R54	23♋ 1	27♈ 7	5♈41	S 1
M 2	14 38 49	11°21'46	24°46	29°48	25°18	0♉32	28°15	28♐ 4	18°28	20° 5	17°19	21♋42	22°58	27°13	5°44	M 2
T 3	14 42 46	12°19'56	6♊46	1♊22	26°15	1°17	28°29	28° 1	18°30	20° 8	17°20	21°33	22°54	27°20	5°47	T 3
W 4	14 46 42	13°18'04	18°52	2°54	27°13	2° 2	28°43	27°59	18°32	20°10	17°21	21°25	22°51	27°27	5°50	W 4
T 5	14 50 39	14°16'10	1♋ 6	4°21	28°11	2°47	28°57	27°56	18°34	20°12	17°23	21°21	22°48	27°33	5°53	T 5
F 6	14 54 35	15°14'15	13°32	5°44	29° 9	3°32	29°10	27°54	18°36	20°14	17°24	21°19	22°45	27°40	5°56	F 6
S 7	14 58 32	16°12'18	26°12	7° 3	0♈ 8	4°16	29°24	27°51	18°38	20°16	17°26	21°D19	22°42	27°47	5°59	S 7
S 8	15 2 29	17°10'18	9♌10	8°18	1° 8	5° 1	29°38	27°48	18°41	20°18	17°27	21°20	22°39	27°54	6° 2	S 8
M 9	15 6 25	18° 8'17	22°30	9°29	2° 7	5°46	29°52	27°46	18°43	20°20	17°28	21°R20	22°35	28° 0	6° 5	M 9
T 10	15 10 22	19° 6'14	6♍15	10°35	3° 7	6°30	0♊ 6	27°43	18°45	20°22	17°30	21°18	22°32	28° 7	6° 8	T 10
W11	15 14 18	20° 4'09	20°26	11°38	4° 7	7°15	0°20	27°40	18°47	20°24	17°31	21°15	22°29	28°14	6°11	W11
T 12	15 18 15	21° 2'02	5♎ 2	12°35	5° 8	7°59	0°34	27°37	18°49	20°26	17°32	21°10	22°26	28°21	6°13	T 12
F 13	15 22 11	21°59'54	19°58	13°29	6° 9	8°43	0°48	27°33	18°52	20°28	17°34	21° 2	22°23	28°27	6°16	F 13
S 14	15 26 8	22°57'44	5♏ 8	14°18	7°10	9°28	1° 2	27°30	18°54	20°30	17°35	20°54	22°19	28°34	6°19	S 14
S 15	15 30 4	23°55'32	20°20	15° 2	8°11	10°12	1°16	27°27	18°57	20°32	17°36	20°45	22°16	28°41	6°22	S 15
M16	15 34 1	24°53'19	5♐26	15°42	9°13	10°56	1°30	27°24	18°59	20°34	17°38	20°38	22°13	28°47	6°24	M16
T 17	15 37 58	25°51'05	20°14	16°17	10°15	11°40	1°44	27°20	19° 2	20°36	17°39	20°32	22°10	28°54	6°27	T 17
W18	15 41 54	26°48'49	4♑38	16°47	11°17	12°25	1°58	27°17	19° 4	20°38	17°40	20°29	22° 7	29° 1	6°29	W18
T 19	15 45 51	27°46'32	18°34	17°12	12°20	13° 9	2°12	27°13	19° 7	20°40	17°42	20°D28	22° 4	29° 8	6°32	T 19
F 20	15 49 47	28°44'14	2♒ 2	17°33	13°23	13°53	2°27	27°10	19° 9	20°42	17°43	20°29	22° 0	29°14	6°34	F 20
S 21	15 53 44	29°41'55	15° 4	17°49	14°26	14°37	2°41	27° 6	19°12	20°44	17°44	20°30	21°57	29°21	6°37	S 21
S 22	15 57 40	0♊39'35	27°43	18° 0	15°29	15°20	2°55	27° 3	19°15	20°46	17°46	20°R30	21°54	29°28	6°39	S 22
M23	16 1 37	1°37'14	10♓ 3	18° 6	16°32	16° 4	3° 9	26°59	19°17	20°47	17°47	20°30	21°51	29°35	6°42	M23
T 24	16 5 33	2°34'52	22°10	18°R 7	17°36	16°48	3°23	26°55	19°20	20°49	17°48	20°28	21°48	29°41	6°44	T 24
W25	16 9 30	3°32'29	4♈ 7	18° 4	18°40	17°32	3°37	26°51	19°23	20°51	17°50	20°24	21°45	29°48	6°47	W25
T 26	16 13 27	4°30'05	16° 0	17°57	19°44	18°16	3°51	26°47	19°26	20°53	17°51	20°18	21°41	29°55	6°49	T 26
F 27	16 17 23	5°27'40	27°51	17°45	20°49	18°59	4° 5	26°43	19°28	20°54	17°52	20°11	21°38	0♉ 1	6°51	F 27
S 28	16 21 20	6°25'14	9♉44	17°29	21°53	19°43	4°19	26°39	19°31	20°56	17°54	20° 3	21°35	0° 8	6°53	S 28
S 29	16 25 16	7°22'47	21°40	17°10	22°58	20°26	4°33	26°35	19°34	20°58	17°55	19°54	21°32	0°15	6°55	S 29
M30	16 29 13	8°20'20	3♊43	16°47	24° 3	21°10	4°47	26°31	19°37	21° 0	17°56	19°47	21°29	0°22	6°58	M30
T 31	16 33 9	9♊17'51	15♊52	16♊21	25♈ 8	21♉53	5♊ 1	26♐27	19♋40	21♈ 1	17♉58	19♋41	21♋25	0♉28	7♈ 0	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n57	11n14	4s41	21n50	2n 7	2s36	0s23	10n57	0s29	19n 5	0s40	22s 9	1n17	22n39	0n28	6n21	1s37	2n45	14s49	21n40	21n29	5n39	4n51	2n50
M 2	15 15	14 53	4 13	22 17	2 13	2 19	0 29	11 13	0 29	19 8	0 40	22 9	1 17	22 39	0 28	6 22	1 37	2 46	14 49	21 42	21 30	5 42	4 52	2 50
T 3	15 33	17 57	3 33	22 43	2 18	2 1	0 35	11 30	0 28	19 11	0 40	22 9	1 17	22 38	0 28	6 23	1 37	2 46	14 49	21 44	21 31	5 44	4 54	2 50
W 4	15 50	20 17	2 43	23 5	2 23	1 43	0 40	11 46	0 27	19 14	0 40	22 9	1 17	22 38	0 28	6 23	1 37	2 47	14 49	21 45	21 31	5 47	4 55	2 50
T 5	16 8	21 42	1 45	23 25	2 26	1 25	0 45	12 2	0 27	19 17	0 40	22 9	1 17	22 38	0 28	6 24	1 37	2 47	14 49	21 46	21 32	5 49	4 56	2 50
F 6	16 25	22 5	0 41	23 43	2 29	1 6	0 50	12 17	0 26	19 20	0 40	22 9	1 17	22 37	0 28	6 25	1 37	2 47	14 49	21 46	21 32	5 52	4 57	2 50
S 7	16 42	21 21	0n26	23 59	2 31	0 48	0 55	12 33	0 25	19 23	0 40	22 9	1 17	22 37	0 28	6 26	1 37	2 48	14 49	21 46	21 33	5 54	4 59	2 50
S 8	16 58	19 29	1 34	24 12	2 32	0 28	1 0	12 49	0 25	19 26	0 40	22 9	1 17	22 37	0 28	6 26	1 37	2 48	14 49	21 46	21 33	5 57	5 0	2 50
M 9	17 15	16 31	2 38	24 23	2 31	0 9	1 5	13 4	0 24	19 30	0 40	22 9	1 18	22 36	0 28	6 27	1 37	2 49	14 49	21 46	21 34	5 59	5 1	2 50
T 10	17 31	12 34	3 36	24 32	2 30	0n11	1 10	13 19	0 24	19 33	0 39	22 9	1 18	22 36	0 28	6 28	1 37	2 49	14 49	21 46	21 34	6 1	5 2	2 50
W11	17 46	7 48	4 22	24 39	2 28	0 30	1 14	13 35	0 23	19 36	0 39	22 9	1 18	22 36	0 28	6 29	1 37	2 49	14 49	21 47	21 35	6 4	5 3	2 50
T 12	18 2	2 29	4 53	24 43	2 25	0 50	1 18	13 50	0 22	19 39	0 39	22 8	1 18	22 35	0 28	6 29	1 37	2 50	14 49	21 47	21 35	6 6	5 4	2 50
F 13	18 17	3s 7	5 4	24 46	2 21	1 11	1 22	14 4	0 22	19 42	0 39	22 8	1 18	22 35	0 28	6 30	1 37	2 50	14 49	21 49	21 36	6 9	5 6	2 50
S 14	18 32	8 36	4 55	24 47	2 16	1 31	1 26	14 19	0 21	19 45	0 39	22 8	1 18	22 35	0 28	6 31	1 37	2 50	14 49	21 50	21 36	6 11	5 7	2 50
S 15	18 46	13 35	4 25	24 46	2 10	1 52	1 30	14 34	0 21	19 48	0 39	22 8	1 18	22 34	0 28	6 32	1 37	2 51	14 49	21 51	21 37	6 14	5 8	2 50
M16	19 0	17 40	3 37	24 44	2 3	2 13	1 34	14 48	0 20	19 51	0 39	22 8	1 18	22 34	0 28	6 32	1 37	2 51	14 49	21 52	21 37	6 16	5 9	2 50
T 17	19 14	20 31	2 35	24 40	1 55	2 34	1 37	15 2	0 19	19 53	0 39	22 8	1 18	22 34	0 28	6 33	1 37	2 51	14 49	21 53	21 38	6 19	5 10	2 50
W18	19 27	21 59	1 24	24 34	1 46	2 55	1 41	15 17	0 19	19 56	0 39	22 8	1 18	22 33	0 28	6 34	1 37	2 52	14 49	21 54	21 38	6 21	5 11	2 50
T 19	19 41	22 0	0 10	24 26	1 36	3 17	1 44	15 31	0 18	19 59	0 39	22 8	1 18	22 33	0 28	6 34	1 37	2 52	14 49	21 54	21 39	6 23	5 12	2 50
F 20	19 53	20 43	1s 2	24 17	1 25	3 38	1 47	15 44	0 17	20 2	0 38	22 8	1 18	22 33	0 28	6 35	1 37	2 52	14 49	21 54	21 39	6 26	5 13	2 50
S 21	20 6	18 22	2 8	24 7	1 13	4 0	1 50	15 58	0 17	20 5	0 38	22 8	1 18	22 32	0 28	6 36	1 37	2 53	14 49	21 53	21 40	6 28	5 14	2 50
S 22	20 18	15 12	3 7	23 55	1 1	4 22	1 53	16 11	0 16	20 8	0 38	22 8	1 18	22 32	0 28	6 36	1 37	2 53	14 49	21 53	21 40	6 31	5 15	2 51
M23	20 30	11 25	3 55	23 42	0 47	4 44	1 55	16 25	0 15	20 11	0 38	22 8	1 18	22 31	0 28	6 37	1 37	2 53	14 49	21 53	21 41	6 33	5 16	2 51
T 24	20 41	7 16	4 31	23 28	0 32	5 6	1 58	16 38	0 15	20 13	0 38	22 8	1 17	22 31	0 28	6 38	1 37	2 54	14 49	21 54	21 41	6 36	5 17	2 51
W25	20 53	2 53	4 56	23 12	0 17	5 28	2 0	16 51	0 14	20 16	0 38	22 8	1 17	22 31	0 28	6 38	1 38	2 54	14 49	21 54	21 42	6 38	5 18	2 51
T 26	21 3	1n35	5 7	22 56	0 1	5 50	2 3	17 4	0 13	20 19	0 38	22 8	1 17	22 30	0 28	6 39	1 38	2 54	14 49	21 55	21 42	6 41	5 19	2 51
F 27	21 14	5 58	5 5	22 38	0s15	6 12	2 5	17 16	0 13	20 21	0 38	22 7	1 17	22 30	0 28	6 39	1 38	2 55	14 49	21 56	21 43	6 43	5 20	2 51
S 28	21 24	10 9	4 50	22 20	0 32	6 34	2 7	17 29	0 12	20 24	0 38	22 7	1 17	22 29	0 28	6 40	1 38	2 55	14 49	21 57	21 43	6 45	5 21	2 51
S 29	21 33	13 58	4 22	22 1	0 49	6 56	2 9	17 41	0 12	20 27	0 38	22 7	1 17	22 29	0 28	6 41	1 38	2 55	14 49	21 59	21 44	6 48	5 22	2 51
M30	21 43	17 16	3 43	21 42	1 7	7 19	2 10	17 53	0 11	20 29	0 38	22 7	1 17	22 29	0 28	6 41	1 38	2 55	14 49	22 0	21 44	6 50	5 23	2 51
T 31	21n52	19n51	2s53	21n22	1s24	7n41	2s12	18n 5	0s10	20n32	0s38	22s 7	1n17	22n28	0n28	6n42	1s38	2n56	14s49	22n 1	21n45	6n53	5n24	2n51

Julian Day Number = 2404183.5, Delta T = 1.98 sec
Ecliptic obliquity = 23°27'19, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°55'46, Lahiri = 22°02'47

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ASTRODIENST EPHEMERIS for the year 1870
geocentric

JUNE 1870 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 37 6	10♊15'21	28♊10	15°R52	26♈13	22♉37	5♊15	26°R23	19♋43	21♈ 3	17♉59	19°R37	21♋22	0♉35	7♈ 2	W 1
T 2	16 41 2	11°12'50	10♋37	15♊22	27°19	23°20	5°29	26♐19	19°46	21° 4	18° 0	19♋35	21°19	0°42	7° 4	T 2
F 3	16 44 59	12°10'18	23°16	14°50	28°24	24° 3	5°44	26°15	19°49	21° 6	18° 1	19°D35	21°16	0°48	7° 6	F 3
S 4	16 48 56	13° 7'45	6♌ 8	14°17	29°30	24°46	5°58	26°10	19°52	21° 8	18° 3	19°36	21°13	0°55	7° 7	S 4
S 5	16 52 52	14° 5'10	19°16	13°43	0♉36	25°29	6°12	26° 6	19°55	21° 9	18° 4	19°37	21°10	1° 2	7° 9	S 5
M 6	16 56 49	15° 2'35	2♍40	13°10	1°42	26°13	6°26	26° 2	19°59	21°11	18° 5	19°39	21° 6	1° 9	7°11	M 6
T 7	17 0 45	15°59'58	16°23	12°37	2°48	26°56	6°39	25°57	20° 2	21°12	18° 6	19°R39	21° 3	1°15	7°13	T 7
W 8	17 4 42	16°57'20	0♎26	12° 6	3°55	27°38	6°53	25°53	20° 5	21°14	18° 8	19°39	21° 0	1°22	7°15	W 8
T 9	17 8 38	17°54'41	14°48	11°36	5° 1	28°21	7° 7	25°49	20° 8	21°15	18° 9	19°37	20°57	1°29	7°16	T 9
F 10	17 12 35	18°52'01	29°25	11° 9	6° 8	29° 4	7°21	25°44	20°11	21°17	18°10	19°33	20°54	1°36	7°18	F 10
S 11	17 16 31	19°49'21	14♏13	10°44	7°14	29°47	7°35	25°40	20°15	21°18	18°11	19°29	20°51	1°42	7°19	S 11
S 12	17 20 28	20°46'39	29° 5	10°23	8°21	0♊30	7°49	25°36	20°18	21°19	18°12	19°25	20°47	1°49	7°21	S 12
M13	17 24 25	21°43'56	13♐52	10° 5	9°28	1°12	8° 3	25°31	20°21	21°21	18°13	19°22	20°44	1°56	7°22	M13
T 14	17 28 21	22°41'13	28°27	9°51	10°36	1°55	8°17	25°27	20°24	21°22	18°15	19°19	20°41	2° 2	7°24	T 14
W15	17 32 18	23°38'30	12♑44	9°41	11°43	2°38	8°31	25°22	20°28	21°23	18°16	19°D18	20°38	2° 9	7°25	W15
T 16	17 36 14	24°35'45	26°39	9°36	12°50	3°20	8°44	25°18	20°31	21°24	18°17	19°18	20°35	2°16	7°27	T 16
F 17	17 40 11	25°33'01	10♒ 8	9°D34	13°58	4° 3	8°58	25°13	20°35	21°26	18°18	19°19	20°31	2°23	7°28	F 17
S 18	17 44 7	26°30'16	23°13	9°38	15° 5	4°45	9°12	25° 9	20°38	21°27	18°19	19°21	20°28	2°29	7°29	S 18
S 19	17 48 4	27°27'31	5♓56	9°46	16°13	5°27	9°25	25° 5	20°41	21°28	18°20	19°22	20°25	2°36	7°30	S 19
M20	17 52 0	28°24'45	18°20	9°59	17°21	6°10	9°39	25° 0	20°45	21°29	18°21	19°23	20°22	2°43	7°31	M20
T 21	17 55 57	29°22'00	0♈30	10°16	18°29	6°52	9°53	24°56	20°48	21°30	18°22	19°R24	20°19	2°49	7°33	T 21
W22	17 59 54	0♋19'14	12°29	10°38	19°37	7°34	10° 6	24°51	20°52	21°31	18°23	19°23	20°16	2°56	7°34	W22
T 23	18 3 50	1°16'28	24°22	11° 5	20°45	8°16	10°20	24°47	20°55	21°32	18°24	19°22	20°12	3° 3	7°35	T 23
F 24	18 7 47	2°13'42	6♉15	11°36	21°54	8°58	10°33	24°43	20°59	21°33	18°26	19°20	20° 9	3°10	7°35	F 24
S 25	18 11 43	3°10'56	18°10	12°12	23° 2	9°40	10°47	24°38	21° 2	21°34	18°27	19°17	20° 6	3°16	7°36	S 25
S 26	18 15 40	4° 8'10	0♊10	12°53	24°10	10°22	11° 0	24°34	21° 6	21°35	18°28	19°15	20° 3	3°23	7°37	S 26
M27	18 19 36	5° 5'24	12°20	13°37	25°19	11° 4	11°14	24°30	21° 9	21°36	18°29	19°13	20° 0	3°30	7°38	M27
T 28	18 23 33	6° 2'38	24°40	14°27	26°28	11°46	11°27	24°25	21°13	21°37	18°30	19°11	19°57	3°36	7°39	T 28
W29	18 27 29	6°59'52	7♋13	15°20	27°37	12°28	11°41	24°21	21°16	21°38	18°30	19°11	19°53	3°43	7°39	W29
T 30	18 31 26	7♋57'06	19♋59	16♊18	28♉45	13♊10	11♊54	24♐17	21♋20	21♈39	18♉31	19°D10	19♋50	3♉50	7♈40	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 0	21n33	1s54	21n 2	1s41	8n 3	2s14	18n17	0s10	20n35	0s37	22s 7	1n17	22n28	0n28	6n42	1s38	2n56	14s50	22n 1	21n45	6n55	5n25	2n51
T 2	22 8	22 13	0 49	20 41	1 58	8 25	2 15	18 28	0 9	20 37	0 37	22 7	1 17	22 27	0 28	6 43	1 38	2 56	14 50	22 1	21 46	6 58	5 25	2 51
F 3	22 16	21 47	0n20	20 21	2 15	8 48	2 16	18 40	0 8	20 40	0 37	22 7	1 17	22 27	0 28	6 44	1 38	2 56	14 50	22 1	21 46	7 0	5 26	2 51
S 4	22 23	20 11	1 29	20 1	2 31	9 10	2 17	18 51	0 8	20 42	0 37	22 7	1 17	22 26	0 28	6 44	1 38	2 57	14 50	22 1	21 47	7 3	5 27	2 51
S 5	22 30	17 30	2 35	19 42	2 47	9 32	2 18	19 2	0 7	20 45	0 37	22 7	1 17	22 26	0 28	6 45	1 38	2 57	14 50	22 1	21 47	7 5	5 28	2 51
M 6	22 37	13 51	3 33	19 24	3 1	9 54	2 19	19 13	0 6	20 47	0 37	22 7	1 17	22 25	0 28	6 45	1 38	2 57	14 50	22 1	21 48	7 7	5 29	2 52
T 7	22 43	9 23	4 21	19 6	3 15	10 16	2 20	19 24	0 6	20 50	0 37	22 7	1 17	22 25	0 28	6 46	1 38	2 57	14 50	22 1	21 48	7 10	5 30	2 52
W 8	22 49	4 20	4 55	18 50	3 27	10 37	2 21	19 34	0 5	20 52	0 37	22 7	1 17	22 24	0 28	6 46	1 38	2 57	14 50	22 1	21 49	7 12	5 30	2 52
T 9	22 54	1s 3	5 11	18 35	3 39	10 59	2 21	19 44	0 4	20 54	0 37	22 6	1 17	22 24	0 28	6 47	1 38	2 58	14 50	22 1	21 49	7 15	5 31	2 52
F 10	22 59	6 28	5 8	18 21	3 49	11 21	2 22	19 54	0 4	20 57	0 37	22 6	1 17	22 23	0 28	6 47	1 38	2 58	14 51	22 2	21 50	7 17	5 32	2 52
S 11	23 4	11 36	4 44	18 9	3 57	11 42	2 22	20 4	0 3	20 59	0 37	22 6	1 17	22 23	0 28	6 48	1 38	2 58	14 51	22 2	21 50	7 20	5 32	2 52
S 12	23 8	16 3	4 1	17 59	4 5	12 3	2 22	20 14	0 2	21 1	0 37	22 6	1 17	22 22	0 28	6 48	1 38	2 58	14 51	22 3	21 51	7 22	5 33	2 52
M13	23 12	19 28	3 2	17 50	4 11	12 24	2 22	20 23	0 2	21 4	0 37	22 6	1 17	22 22	0 28	6 49	1 38	2 58	14 51	22 3	21 51	7 25	5 34	2 52
T 14	23 15	21 35	1 52	17 44	4 16	12 45	2 22	20 33	0 1	21 6	0 37	22 6	1 17	22 21	0 28	6 49	1 38	2 58	14 51	22 4	21 52	7 27	5 34	2 52
W15	23 18	22 15	0 36	17 39	4 19	13 6	2 22	20 42	0 0	21 8	0 37	22 6	1 17	22 21	0 28	6 49	1 38	2 59	14 51	22 4	21 52	7 29	5 35	2 52
T 16	23 21	21 30	0s40	17 36	4 21	13 27	2 22	20 51	0n 0	21 10	0 36	22 6	1 16	22 20	0 28	6 50	1 39	2 59	14 51	22 4	21 53	7 32	5 36	2 52
F 17	23 23	19 31	1 52	17 35	4 22	13 47	2 22	20 59	0 1	21 13	0 36	22 6	1 16	22 20	0 28	6 50	1 39	2 59	14 52	22 4	21 53	7 34	5 36	2 52
S 18	23 25	16 33	2 56	17 36	4 22	14 7	2 21	21 8	0 2	21 15	0 36	22 6	1 16	22 19	0 28	6 51	1 39	2 59	14 52	22 4	21 54	7 37	5 37	2 53
S 19	23 26	12 53	3 49	17 39	4 20	14 27	2 21	21 16	0 2	21 17	0 36	22 6	1 16	22 19	0 28	6 51	1 39	2 59	14 52	22 3	21 54	7 39	5 37	2 53
M20	23 27	8 45	4 30	17 43	4 17	14 47	2 20	21 24	0 3	21 19	0 36	22 6	1 16	22 18	0 28	6 51	1 39	2 59	14 52	22 3	21 55	7 42	5 38	2 53
T 21	23 27	4 22	4 58	17 49	4 13	15 6	2 19	21 32	0 4	21 21	0 36	22 5	1 16	22 18	0 28	6 52	1 39	2 59	14 52	22 3	21 55	7 44	5 38	2 53
W22	23 27	0n 8	5 13	17 57	4 9	15 26	2 19	21 40	0 4	21 23	0 36	22 5	1 16	22 17	0 28	6 52	1 39	2 59	14 52	22 3	21 56	7 47	5 39	2 53
T 23	23 27	4 35	5 14	18 6	4 3	15 44	2 18	21 47	0 5	21 25	0 36	22 5	1 16	22 17	0 28	6 52	1 39	3 0	14 53	22 3	21 56	7 49	5 39	2 53
F 24	23 26	8 52	5 2	18 17	3 56	16 3	2 17	21 54	0 6	21 27	0 36	22 5	1 16	22 16	0 28	6 53	1 39	3 0	14 53	22 4	21 56	7 51	5 40	2 53
S 25	23 25	12 49	4 36	18 29	3 49	16 21	2 16	22 1	0 6	21 29	0 36	22 5	1 16	22 16	0 28	6 53	1 39	3 0	14 53	22 4	21 57	7 54	5 40	2 53
S 26	23 23	16 19	3 59	18 42	3 41	16 39	2 14	22 8	0 7	21 31	0 36	22 5	1 16	22 15	0 28	6 53	1 39	3 0	14 53	22 4	21 57	7 56	5 41	2 53
M27	23 21	19 9	3 10	18 56	3 32	16 57	2 13	22 15	0 8	21 33	0 36	22 5	1 15	22 15	0 28	6 54	1 39	3 0	14 53	22 5	21 58	7 59	5 41	2 53
T 28	23 19	21 10	2 11	19 12	3 23	17 14	2 12	22 21	0 8	21 35	0 36	22 5	1 15	22 14	0 28	6 54	1 39	3 0	14 53	22 5	21 58	8 1	5 41	2 53
W29	23 16	22 10	1 6	19 27	3 13	17 31	2 11	22 27	0 9	21 37	0 36	22 5	1 15	22 13	0 28	6 54	1 39	3 0	14 54	22 5	21 59	8 4	5 42	2 54
T 30	23n13	22n 2	0n 4	19n44	3s 2	17n48	2s 9	22n33	0n10	21n38	0s36	22s 5	1n15	22n13	0n28	6n55	1s39	3n 0	14s54	22n 5	21n59	8n 6	5n42	2n54

Julian Day Number = 2404214.5, Delta T = 1.89 sec
Ecliptic obliquity = 23°27'18, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°55'50, Lahiri = 22°02'51

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ASTRODIENST EPHEMERIS for the year 1870
geocentric

JULY 1870 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 35 23	8♋54'19	2♌58	17♊20	29♉54	13♊51	12♊ 7	24°R12	21♋24	21♈40	18♉32	19♋11	19♋47	3♉57	7♈41	F 1
S 2	18 39 19	9°51'33	16°11	18°27	1♊ 3	14°33	12°20	24♐ 8	21°27	21°41	18°33	19°11	19°44	4° 3	7°41	S 2
S 3	18 43 16	10°48'46	29°37	19°37	2°13	15°14	12°34	24° 4	21°31	21°41	18°34	19°12	19°41	4°10	7°41	S 3
M 4	18 47 12	11°45'59	13♍16	20°51	3°22	15°56	12°47	24° 0	21°35	21°42	18°35	19°13	19°37	4°17	7°42	M 4
T 5	18 51 9	12°43'11	27° 8	22°10	4°31	16°37	13° 0	23°56	21°38	21°43	18°36	19°13	19°34	4°24	7°42	T 5
W 6	18 55 5	13°40'23	11♎12	23°32	5°40	17°19	13°13	23°52	21°42	21°43	18°37	19°R13	19°31	4°30	7°43	W 6
T 7	18 59 2	14°37'36	25°25	24°58	6°50	18° 0	13°26	23°48	21°45	21°44	18°38	19°13	19°28	4°37	7°43	T 7
F 8	19 2 58	15°34'48	9♏46	26°29	7°59	18°41	13°39	23°44	21°49	21°45	18°38	19°13	19°25	4°44	7°43	F 8
S 9	19 6 55	16°31'59	24°11	28° 2	9° 9	19°23	13°51	23°40	21°53	21°45	18°39	19°13	19°22	4°50	7°43	S 9
S 10	19 10 52	17°29'11	8♐36	29°40	10°19	20° 4	14° 4	23°36	21°56	21°46	18°40	19°13	19°18	4°57	7°43	S 10
M11	19 14 48	18°26'23	22°57	1♋21	11°28	20°45	14°17	23°32	22° 0	21°46	18°41	19°12	19°15	5° 4	7°R43	M11
T 12	19 18 45	19°23'35	7♑ 8	3° 5	12°38	21°26	14°30	23°29	22° 4	21°47	18°42	19°D12	19°12	5°11	7°43	T 12
W13	19 22 41	20°20'48	21° 6	4°53	13°48	22° 7	14°42	23°25	22° 7	21°47	18°42	19°R12	19° 9	5°17	7°43	W13
T 14	19 26 38	21°18'00	4♒47	6°44	14°58	22°48	14°55	23°21	22°11	21°48	18°43	19°12	19° 6	5°24	7°43	T 14
F 15	19 30 34	22°15'13	18° 9	8°38	16° 8	23°29	15° 7	23°18	22°15	21°48	18°44	19°12	19° 3	5°31	7°43	F 15
S 16	19 34 31	23°12'27	1♓11	10°34	17°18	24°10	15°20	23°14	22°18	21°48	18°44	19°12	18°59	5°37	7°43	S 16
S 17	19 38 28	24° 9'41	13°53	12°33	18°29	24°50	15°32	23°11	22°22	21°49	18°45	19°11	18°56	5°44	7°42	S 17
M18	19 42 24	25° 6'55	26°18	14°34	19°39	25°31	15°45	23° 7	22°26	21°49	18°46	19°11	18°53	5°51	7°42	M18
T 19	19 46 21	26° 4'11	8♈29	16°36	20°49	26°12	15°57	23° 4	22°29	21°49	18°46	19°10	18°50	5°58	7°42	T 19
W20	19 50 17	27° 1'27	20°30	18°41	22° 0	26°52	16° 9	23° 0	22°33	21°49	18°47	19°10	18°47	6° 4	7°41	W20
T 21	19 54 14	27°58'44	2♉24	20°46	23°10	27°33	16°21	22°57	22°37	21°49	18°48	19°D10	18°43	6°11	7°41	T 21
F 22	19 58 10	28°56'01	14°17	22°53	24°21	28°13	16°33	22°54	22°40	21°50	18°48	19°10	18°40	6°18	7°40	F 22
S 23	20 2 7	29°53'20	26°13	24°59	25°32	28°54	16°45	22°51	22°44	21°50	18°49	19°11	18°37	6°24	7°39	S 23
S 24	20 6 3	0♌50'40	8♊17	27° 7	26°42	29°34	16°57	22°48	22°48	21°50	18°49	19°12	18°34	6°31	7°39	S 24
M25	20 10 0	1°48'00	20°32	29°14	27°53	0♋15	17° 9	22°45	22°51	21°50	18°50	19°13	18°31	6°38	7°38	M25
T 26	20 13 56	2°45'22	3♋ 1	1♌21	29° 4	0°55	17°21	22°42	22°55	21°R50	18°50	19°14	18°28	6°45	7°37	T 26
W27	20 17 53	3°42'44	15°48	3°27	0♋15	1°35	17°32	22°39	22°58	21°50	18°51	19°R14	18°24	6°51	7°36	W27
T 28	20 21 50	4°40'07	28°52	5°33	1°26	2°15	17°44	22°37	23° 2	21°50	18°51	19°14	18°21	6°58	7°36	T 28
F 29	20 25 46	5°37'31	12♌14	7°37	2°37	2°55	17°55	22°34	23° 6	21°50	18°52	19°13	18°18	7° 5	7°35	F 29
S 30	20 29 43	6°34'55	25°52	9°41	3°48	3°36	18° 7	22°31	23° 9	21°50	18°52	19°11	18°15	7°11	7°34	S 30
S 31	20 33 39	7♌32'21	9♍44	11♌43	5♋ 0	4♋16	18♊18	22♐29	23♋13	21♈49	18♉53	19♋ 9	18♋12	7♉18	7♈33	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 9	20n44	1n16	20n 1	2s51	18n 4	2s 7	22n39	0n11	21n40	0s36	22s 5	1n15	22n12	0n28	6n55	1s39	3n 0	14s54	22n 5	22n 0	8n 8	5n42	2n54
S 2	23 5	18 17	2 24	20 18	2 39	18 20	2 6	22 45	0 11	21 42	0 36	22 5	1 15	22 12	0 28	6 55	1 39	3 0	14 54	22 5	22 0	8 11	5 43	2 54
S 3	23 1	14 49	3 26	20 36	2 27	18 35	2 4	22 50	0 12	21 44	0 36	22 5	1 15	22 11	0 28	6 55	1 39	3 0	14 55	22 5	22 1	8 13	5 43	2 54
M 4	22 56	10 32	4 17	20 53	2 15	18 50	2 2	22 55	0 13	21 45	0 36	22 5	1 15	22 11	0 28	6 55	1 40	3 0	14 55	22 5	22 1	8 16	5 43	2 54
T 5	22 51	5 38	4 54	21 11	2 3	19 5	2 1	23 0	0 13	21 47	0 35	22 4	1 15	22 10	0 28	6 56	1 40	3 0	14 55	22 5	22 2	8 18	5 43	2 54
W 6	22 45	0 23	5 14	21 28	1 50	19 19	1 59	23 5	0 14	21 49	0 35	22 4	1 14	22 10	0 28	6 56	1 40	3 0	14 55	22 5	22 2	8 21	5 44	2 54
T 7	22 39	4s57	5 15	21 44	1 37	19 33	1 57	23 9	0 15	21 50	0 35	22 4	1 14	22 9	0 28	6 56	1 40	3 0	14 55	22 5	22 3	8 23	5 44	2 54
F 8	22 33	10 3	4 57	22 0	1 24	19 46	1 55	23 14	0 15	21 52	0 35	22 4	1 14	22 8	0 28	6 56	1 40	3 0	14 56	22 5	22 3	8 26	5 44	2 54
S 9	22 26	14 38	4 20	22 15	1 11	19 59	1 52	23 18	0 16	21 54	0 35	22 4	1 14	22 8	0 28	6 56	1 40	3 0	14 56	22 5	22 3	8 28	5 44	2 54
S 10	22 19	18 21	3 27	22 29	0 58	20 11	1 50	23 22	0 17	21 55	0 35	22 4	1 14	22 7	0 28	6 56	1 40	3 0	14 56	22 5	22 4	8 30	5 44	2 55
M11	22 11	20 56	2 21	22 41	0 46	20 23	1 48	23 25	0 17	21 57	0 35	22 4	1 14	22 7	0 28	6 57	1 40	3 0	14 56	22 5	22 4	8 33	5 44	2 55
T 12	22 3	22 9	1 6	22 52	0 33	20 35	1 46	23 29	0 18	21 58	0 35	22 4	1 14	22 6	0 28	6 57	1 40	3 0	14 57	22 5	22 5	8 35	5 44	2 55
W13	21 55	21 58	0s11	23 2	0 20	20 46	1 43	23 32	0 19	22 0	0 35	22 4	1 14	22 5	0 28	6 57	1 40	3 0	14 57	22 5	22 5	8 38	5 44	2 55
T 14	21 46	20 28	1 25	23 9	0 8	20 56	1 41	23 35	0 19	22 1	0 35	22 4	1 13	22 5	0 28	6 57	1 40	3 0	14 57	22 5	22 6	8 40	5 44	2 55
F 15	21 37	17 50	2 34	23 14	0n 4	21 6	1 39	23 38	0 20	22 3	0 35	22 4	1 13	22 4	0 28	6 57	1 40	3 0	14 57	22 5	22 6	8 43	5 44	2 55
S 16	21 27	14 22	3 32	23 17	0 15	21 15	1 36	23 40	0 21	22 4	0 35	22 4	1 13	22 4	0 28	6 57	1 40	3 0	14 58	22 5	22 7	8 45	5 44	2 55
S 17	21 18	10 19	4 19	23 18	0 26	21 24	1 34	23 43	0 21	22 5	0 35	22 4	1 13	22 3	0 28	6 57	1 40	3 0	14 58	22 5	22 7	8 47	5 44	2 55
M18	21 7	5 56	4 52	23 16	0 37	21 32	1 31	23 45	0 22	22 7	0 35	22 4	1 13	22 3	0 28	6 57	1 40	3 0	14 58	22 5	22 7	8 50	5 44	2 55
T 19	20 57	1 24	5 11	23 11	0 46	21 40	1 29	23 47	0 23	22 8	0 35	22 4	1 13	22 2	0 28	6 57	1 40	3 0	14 58	22 5	22 8	8 52	5 44	2 55
W20	20 46	3n 7	5 17	23 4	0 56	21 47	1 26	23 48	0 23	22 9	0 35	22 4	1 13	22 1	0 28	6 57	1 41	2 59	14 59	22 5	22 8	8 55	5 44	2 55
T 21	20 35	7 29	5 8	22 54	1 4	21 54	1 23	23 50	0 24	22 11	0 35	22 4	1 12	22 1	0 28	6 57	1 41	2 59	14 59	22 5	22 9	8 57	5 44	2 56
F 22	20 23	11 34	4 47	22 42	1 12	22 0	1 20	23 51	0 25	22 12	0 35	22 4	1 12	22 0	0 28	6 57	1 41	2 59	14 59	22 5	22 9	9 0	5 44	2 56
S 23	20 11	15 13	4 13	22 26	1 19	22 5	1 18	23 52	0 25	22 13	0 35	22 4	1 12	22 0	0 28	6 57	1 41	2 59	14 59	22 5	22 10	9 2	5 44	2 56
S 24	19 59	18 17	3 28	22 8	1 25	22 10	1 15	23 53	0 26	22 14	0 35	22 4	1 12	21 59	0 28	6 57	1 41	2 59	15 0	22 5	22 10	9 4	5 44	2 56
M25	19 46	20 35	2 32	21 48	1 30	22 14	1 12	23 54	0 27	22 15	0 35	22 4	1 12	21 58	0 28	6 57	1 41	2 59	15 0	22 5	22 10	9 7	5 43	2 56
T 26	19 33	21 57	1 28	21 25	1 35	22 18	1 9	23 55	0 27	22 17	0 35	22 4	1 12	21 58	0 28	6 57	1 41	2 59	15 0	22 5	22 11	9 9	5 43	2 56
W27	19 20	22 12	0 19	21 0	1 39	22 21	1 6	23 55	0 28	22 18	0 35	22 4	1 11	21 57	0 28	6 57	1 41	2 59	15 0	22 4	22 11	9 12	5 43	2 56
T 28	19 7	21 16	0n53	20 33	1 42	22 23	1 4	23 55	0 29	22 19	0 35	22 4	1 11	21 57	0 28	6 57	1 41	2 58	15 1	22 4	22 12	9 14	5 43	2 56
F 29	18 53	19 7	2 4	20 3	1 44	22 25	1 1	23 55	0 30	22 20	0 35	22 4	1 11	21 56	0 28	6 57	1 41	2 58	15 1	22 5	22 12	9 17	5 42	2 56
S 30	18 38	15 52	3 8	19 32	1 46	22 26	0 58	23 55	0 30	22 21	0 35	22 4	1 11	21 55	0 28	6 57	1 41	2 58	15 1	22 5	22 13	9 19	5 42	2 56
S 31	18n24	11n41	4n 3	18n59	1n46	22n27	0s55	23n54	0n31	22n22	0s35	22s 4	1n11	21n55	0n28	6n57	1s41	2n58	15s 2	22n 5	22n13	9n21	5n42	2n56

Julian Day Number = 2404244.5, Delta T = 1.81 sec
Ecliptic obliquity = 23°27'18, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°55'55, Lahiri = 22°02'55

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ASTRODIENST EPHEMERIS for the year 1870
geocentric

AUGUST 1870 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 37 36	8♌29'47	23♍48	13♌45	6♋11	4♋55	18♊29	22°R26	23♋16	21°R49	18♉53	19°R 7	18♋ 9	7♉25	7°R32	M 1
T 2	20 41 32	9°27'13	7♎59	15°44	7°22	5°35	18°41	22♐24	23°20	21♈49	18°53	19♋ 4	18° 5	7°32	7♈31	T 2
W 3	20 45 29	10°24'41	22°13	17°43	8°34	6°15	18°52	22°22	23°24	21°49	18°54	19° 3	18° 2	7°38	7°29	W 3
T 4	20 49 25	11°22'09	6♏28	19°40	9°45	6°55	19° 3	22°20	23°27	21°48	18°54	19°D 2	17°59	7°45	7°28	T 4
F 5	20 53 22	12°19'38	20°41	21°35	10°57	7°35	19°14	22°18	23°31	21°48	18°54	19° 2	17°56	7°52	7°27	F 5
S 6	20 57 19	13°17'07	4♐49	23°29	12° 8	8°14	19°24	22°16	23°34	21°48	18°54	19° 3	17°53	7°58	7°26	S 6
S 7	21 1 15	14°14'38	18°52	25°22	13°20	8°54	19°35	22°14	23°38	21°47	18°55	19° 4	17°49	8° 5	7°24	S 7
M 8	21 5 12	15°12'09	2♑46	27°12	14°32	9°33	19°46	22°12	23°41	21°47	18°55	19° 6	17°46	8°12	7°23	M 8
T 9	21 9 8	16° 9'41	16°30	29° 2	15°43	10°13	19°56	22°10	23°45	21°47	18°55	19°R 6	17°43	8°19	7°21	T 9
W10	21 13 5	17° 7'14	0♒ 3	0♍50	16°55	10°52	20° 7	22° 9	23°48	21°46	18°55	19° 6	17°40	8°25	7°20	W10
T 11	21 17 1	18° 4'48	13°23	2°36	18° 7	11°32	20°17	22° 7	23°51	21°46	18°56	19° 4	17°37	8°32	7°18	T 11
F 12	21 20 58	19° 2'23	26°29	4°21	19°19	12°11	20°27	22° 6	23°55	21°45	18°56	19° 1	17°34	8°39	7°17	F 12
S 13	21 24 55	20° 0'00	9♓20	6° 4	20°31	12°50	20°37	22° 4	23°58	21°44	18°56	18°56	17°30	8°45	7°15	S 13
S 14	21 28 51	20°57'37	21°56	7°46	21°43	13°29	20°47	22° 3	24° 2	21°44	18°56	18°51	17°27	8°52	7°13	S 14
M15	21 32 48	21°55'16	4♈17	9°26	22°55	14° 9	20°57	22° 2	24° 5	21°43	18°56	18°46	17°24	8°59	7°12	M15
T 16	21 36 44	22°52'57	16°26	11° 5	24° 8	14°48	21° 7	22° 1	24° 8	21°43	18°56	18°41	17°21	9° 6	7°10	T 16
W17	21 40 41	23°50'39	28°26	12°42	25°20	15°27	21°17	22° 0	24°12	21°42	18°56	18°36	17°18	9°12	7° 8	W17
T 18	21 44 37	24°48'23	10♉20	14°18	26°32	16° 6	21°26	21°59	24°15	21°41	18°56	18°34	17°14	9°19	7° 6	T 18
F 19	21 48 34	25°46'08	22°12	15°53	27°45	16°45	21°36	21°58	24°18	21°40	18°R56	18°D33	17°11	9°26	7° 4	F 19
S 20	21 52 30	26°43'55	4♊ 7	17°26	28°57	17°23	21°45	21°57	24°21	21°40	18°56	18°33	17° 8	9°32	7° 3	S 20
S 21	21 56 27	27°41'44	16°10	18°58	0♌10	18° 2	21°54	21°57	24°25	21°39	18°56	18°34	17° 5	9°39	7° 1	S 21
M22	22 0 23	28°39'35	28°26	20°28	1°22	18°41	22° 3	21°56	24°28	21°38	18°56	18°36	17° 2	9°46	6°59	M22
T 23	22 4 20	29°37'27	11♋ 0	21°57	2°35	19°20	22°12	21°56	24°31	21°37	18°56	18°37	16°59	9°53	6°57	T 23
W24	22 8 17	0♍35'21	23°54	23°24	3°48	19°58	22°21	21°56	24°34	21°36	18°56	18°R37	16°55	9°59	6°54	W24
T 25	22 12 13	1°33'16	7♌11	24°50	5° 0	20°37	22°30	21°55	24°37	21°35	18°56	18°35	16°52	10° 6	6°52	T 25
F 26	22 16 10	2°31'14	20°52	26°14	6°13	21°15	22°38	21°55	24°40	21°34	18°56	18°32	16°49	10°13	6°50	F 26
S 27	22 20 6	3°29'12	4♍54	27°37	7°26	21°54	22°47	21°D55	24°43	21°33	18°56	18°26	16°46	10°19	6°48	S 27
S 28	22 24 3	4°27'13	19°14	28°59	8°39	22°32	22°55	21°55	24°46	21°32	18°55	18°20	16°43	10°26	6°46	S 28
M29	22 27 59	5°25'14	3♎45	0♎18	9°52	23°10	23° 4	21°55	24°49	21°31	18°55	18°12	16°40	10°33	6°44	M29
T 30	22 31 56	6°23'18	18°22	1°37	11° 5	23°49	23°12	21°56	24°52	21°30	18°55	18° 5	16°36	10°40	6°41	T 30
W31	22 35 52	7♍21'22	2♏56	2♎53	12♌18	24♋27	23♊20	21♐56	24♋55	21♈29	18♉55	18♋ 0	16♋33	10♉46	6♈39	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n 9	6n49	4n45	18n25	1n47	22n27	0s52	23n53	0n32	22n23	0s35	22s 4	1n11	21n54	0n28	6n57	1s41	2n58	15s 2	22n 6	22n14	9n24	5n41	2n56
T 2	17 54	1 34	5 9	17 49	1 46	22 26	0 49	23 52	0 32	22 24	0 35	22 4	1 10	21 54	0 28	6 56	1 41	2 58	15 2	22 6	22 14	9 26	5 41	2 56
W 3	17 39	3s48	5 14	17 12	1 45	22 25	0 46	23 51	0 33	22 25	0 35	22 4	1 10	21 53	0 28	6 56	1 41	2 57	15 2	22 6	22 14	9 29	5 41	2 57
T 4	17 23	8 57	5 0	16 34	1 43	22 23	0 43	23 50	0 34	22 26	0 35	22 4	1 10	21 52	0 28	6 56	1 41	2 57	15 3	22 6	22 15	9 31	5 40	2 57
F 5	17 7	13 38	4 28	15 55	1 41	22 21	0 40	23 49	0 34	22 27	0 35	22 4	1 10	21 52	0 28	6 56	1 41	2 57	15 3	22 6	22 15	9 33	5 40	2 57
S 6	16 51	17 31	3 40	15 14	1 38	22 17	0 37	23 47	0 35	22 27	0 35	22 4	1 10	21 51	0 28	6 56	1 42	2 57	15 3	22 6	22 16	9 36	5 39	2 57
S 7	16 34	20 21	2 38	14 34	1 35	22 14	0 34	23 45	0 36	22 28	0 35	22 4	1 10	21 51	0 28	6 56	1 42	2 57	15 3	22 6	22 16	9 38	5 39	2 57
M 8	16 17	21 57	1 29	13 52	1 31	22 9	0 31	23 43	0 36	22 29	0 35	22 4	1 9	21 50	0 28	6 55	1 42	2 56	15 4	22 6	22 16	9 41	5 38	2 57
T 9	16 0	22 12	0 14	13 10	1 26	22 4	0 28	23 41	0 37	22 30	0 35	22 4	1 9	21 50	0 28	6 55	1 42	2 56	15 4	22 6	22 17	9 43	5 38	2 57
W10	15 43	21 7	1s 0	12 28	1 22	21 58	0 25	23 38	0 38	22 31	0 34	22 4	1 9	21 49	0 28	6 55	1 42	2 56	15 4	22 6	22 17	9 46	5 37	2 57
T 11	15 25	18 52	2 9	11 45	1 17	21 52	0 22	23 36	0 38	22 32	0 34	22 4	1 9	21 48	0 28	6 55	1 42	2 56	15 5	22 6	22 18	9 48	5 37	2 57
F 12	15 7	15 41	3 10	11 2	1 11	21 45	0 19	23 33	0 39	22 32	0 34	22 5	1 9	21 48	0 28	6 54	1 42	2 56	15 5	22 6	22 18	9 50	5 36	2 57
S 13	14 49	11 47	4 0	10 18	1 5	21 38	0 16	23 30	0 40	22 33	0 34	22 5	1 9	21 47	0 28	6 54	1 42	2 55	15 5	22 7	22 19	9 53	5 35	2 57
S 14	14 31	7 27	4 38	9 35	0 59	21 29	0 13	23 27	0 40	22 34	0 34	22 5	1 8	21 47	0 28	6 54	1 42	2 55	15 5	22 8	22 19	9 55	5 35	2 57
M15	14 13	2 54	5 1	8 51	0 53	21 21	0 10	23 23	0 41	22 34	0 34	22 5	1 8	21 46	0 28	6 54	1 42	2 55	15 6	22 8	22 19	9 58	5 34	2 57
T 16	13 54	1n41	5 11	8 7	0 46	21 11	0 7	23 20	0 42	22 35	0 34	22 5	1 8	21 46	0 28	6 53	1 42	2 55	15 6	22 9	22 20	10 0	5 34	2 57
W17	13 35	6 9	5 7	7 24	0 39	21 1	0 4	23 16	0 42	22 36	0 34	22 5	1 8	21 45	0 28	6 53	1 42	2 54	15 6	22 10	22 20	10 2	5 33	2 57
T 18	13 16	10 21	4 49	6 40	0 32	20 50	0 1	23 12	0 43	22 36	0 34	22 5	1 8	21 44	0 28	6 53	1 42	2 54	15 7	22 10	22 21	10 5	5 32	2 57
F 19	12 56	14 9	4 19	5 57	0 24	20 39	0n 2	23 8	0 44	22 37	0 34	22 5	1 7	21 44	0 28	6 52	1 42	2 54	15 7	22 10	22 21	10 7	5 32	2 57
S 20	12 37	17 25	3 38	5 13	0 16	20 27	0 5	23 4	0 45	22 38	0 34	22 5	1 7	21 43	0 28	6 52	1 42	2 53	15 7	22 10	22 21	10 10	5 31	2 57
S 21	12 17	19 58	2 47	4 30	0 9	20 15	0 7	22 59	0 45	22 38	0 34	22 6	1 7	21 43	0 28	6 52	1 42	2 53	15 7	22 10	22 22	10 12	5 30	2 58
M22	11 57	21 39	1 47	3 47	0 0	20 2	0 10	22 55	0 46	22 39	0 34	22 6	1 7	21 42	0 28	6 51	1 42	2 53	15 8	22 10	22 22	10 14	5 29	2 58
T 23	11 37	22 19	0 41	3 5	0s 8	19 48	0 13	22 50	0 47	22 39	0 34	22 6	1 7	21 42	0 28	6 51	1 42	2 53	15 8	22 10	22 23	10 17	5 29	2 58
W24	11 16	21 49	0n29	2 22	0 16	19 34	0 16	22 45	0 47	22 40	0 34	22 6	1 7	21 41	0 28	6 51	1 43	2 52	15 8	22 10	22 23	10 19	5 28	2 58
T 25	10 56	20 5	1 39	1 41	0 25	19 20	0 18	22 40	0 48	22 40	0 34	22 6	1 6	21 41	0 28	6 50	1 43	2 52	15 9	22 10	22 23	10 22	5 27	2 58
F 26	10 35	17 10	2 45	0 59	0 33	19 4	0 21	22 35	0 49	22 41	0 34	22 6	1 6	21 40	0 28	6 50	1 43	2 52	15 9	22 10	22 24	10 24	5 26	2 58
S 27	10 14	13 11	3 44	0 18	0 42	18 49	0 24	22 29	0 49	22 41	0 34	22 7	1 6	21 40	0 28	6 49	1 43	2 51	15 9	22 11	22 24	10 27	5 25	2 58
S 28	9 53	8 23	4 29	0s22	0 51	18 32	0 26	22 24	0 50	22 42	0 34	22 7	1 6	21 39	0 28	6 49	1 43	2 51	15 9	22 12	22 25	10 29	5 24	2 58
M29	9 32	3 3	4 58	1 2	1 0	18 15	0 29	22 18	0 51	22 42	0 34	22 7	1 6	21 39	0 28	6 48	1 43	2 51	15 10	22 13	22 25	10 31	5 24	2 58
T 30	9 10	2s28	5 7	1 41	1 8	17 58	0 32	22 12	0 51	22 43	0 34	22 7	1 6	21 38	0 28	6 48	1 43	2 50	15 10	22 14	22 25	10 34	5 23	2 58
W31	8n49	7s51	4n57	2s20	1s17	17n40	0n34	22n 6	0n52	22n43	0s34	22s 7	1n 5	21n37	0n28	6n48	1s43	2n50	15s10	22n15	22n26	10n36	5n22	2n58

Julian Day Number = 2404275.5, Delta T = 1.73 sec
Ecliptic obliquity = 23°27'19, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°55'59, Lahiri = 22°02'59

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ASTRODIENST EPHEMERIS for the year 1870
geocentric

SEPTEMBER 1870 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 39 49	8♍19'29	17♏24	4♎ 8	13♌31	25♋ 5	23♊27	21♐57	24♋58	21°R28	18°R54	17°R56	16♋30	10♉53	6°R37	T 1
F 2	22 43 46	9°17'36	1♐40	5°21	14°44	25°43	23°35	21°57	25° 1	21♈27	18♉54	17♋54	16°27	11° 0	6♈34	F 2
S 3	22 47 42	10°15'45	15°42	6°32	15°58	26°21	23°42	21°58	25° 4	21°26	18°54	17°D54	16°24	11° 6	6°32	S 3
S 4	22 51 39	11°13'56	29°30	7°41	17°11	26°59	23°50	21°58	25° 7	21°25	18°54	17°55	16°20	11°13	6°29	S 4
M 5	22 55 35	12°12'07	13♑ 5	8°48	18°24	27°37	23°57	21°59	25°10	21°24	18°53	17°R55	16°17	11°20	6°27	M 5
T 6	22 59 32	13°10'21	26°26	9°53	19°38	28°15	24° 4	22° 0	25°12	21°22	18°53	17°55	16°14	11°27	6°25	T 6
W 7	23 3 28	14° 8'36	9♒36	10°55	20°51	28°53	24°11	22° 1	25°15	21°21	18°53	17°53	16°11	11°33	6°22	W 7
T 8	23 7 25	15° 6'52	22°33	11°55	22° 5	29°30	24°18	22° 3	25°18	21°20	18°52	17°49	16° 8	11°40	6°20	T 8
F 9	23 11 21	16° 5'10	5♓20	12°53	23°18	0♌ 8	24°24	22° 4	25°20	21°19	18°52	17°41	16° 5	11°47	6°17	F 9
S 10	23 15 18	17° 3'30	17°56	13°48	24°32	0°45	24°31	22° 5	25°23	21°17	18°51	17°32	16° 1	11°53	6°14	S 10
S 11	23 19 15	18° 1'52	0♈20	14°39	25°45	1°23	24°37	22° 7	25°25	21°16	18°51	17°21	15°58	12° 0	6°12	S 11
M12	23 23 11	19° 0'15	12°34	15°28	26°59	2° 0	24°43	22° 8	25°28	21°15	18°50	17°10	15°55	12° 7	6° 9	M12
T 13	23 27 8	19°58'41	24°38	16°13	28°13	2°38	24°49	22°10	25°30	21°13	18°50	16°59	15°52	12°14	6° 7	T 13
W14	23 31 4	20°57'08	6♉35	16°55	29°26	3°15	24°55	22°11	25°33	21°12	18°49	16°49	15°49	12°20	6° 4	W14
T 15	23 35 1	21°55'38	18°26	17°32	0♍40	3°52	25° 1	22°13	25°35	21°10	18°49	16°42	15°46	12°27	6° 1	T 15
F 16	23 38 57	22°54'10	0♊16	18° 6	1°54	4°30	25° 7	22°15	25°38	21° 9	18°48	16°37	15°42	12°34	5°59	F 16
S 17	23 42 54	23°52'44	12° 9	18°35	3° 8	5° 7	25°12	22°17	25°40	21° 8	18°48	16°34	15°39	12°40	5°56	S 17
S 18	23 46 50	24°51'20	24°10	18°59	4°22	5°44	25°17	22°19	25°42	21° 6	18°47	16°D34	15°36	12°47	5°53	S 18
M19	23 50 47	25°49'59	6♋23	19°18	5°36	6°21	25°22	22°21	25°45	21° 5	18°47	16°34	15°33	12°54	5°50	M19
T 20	23 54 44	26°48'39	18°55	19°31	6°50	6°58	25°27	22°24	25°47	21° 3	18°46	16°R34	15°30	13° 0	5°48	T 20
W21	23 58 40	27°47'22	1♌49	19°38	8° 4	7°35	25°32	22°26	25°49	21° 2	18°45	16°33	15°26	13° 7	5°45	W21
T 22	0 2 37	28°46'08	15°10	19°R39	9°18	8°11	25°36	22°29	25°51	21° 0	18°45	16°30	15°23	13°14	5°42	T 22
F 23	0 6 33	29°44'55	28°59	19°33	10°32	8°48	25°40	22°31	25°53	20°59	18°44	16°25	15°20	13°21	5°40	F 23
S 24	0 10 30	0♎43'44	13♍16	19°20	11°47	9°25	25°45	22°34	25°55	20°57	18°43	16°17	15°17	13°27	5°37	S 24
S 25	0 14 26	1°42'36	27°55	19° 0	13° 1	10° 1	25°48	22°36	25°57	20°56	18°43	16° 6	15°14	13°34	5°34	S 25
M26	0 18 23	2°41'29	12♎50	18°32	14°15	10°38	25°52	22°39	25°59	20°54	18°42	15°55	15°11	13°41	5°31	M26
T 27	0 22 19	3°40'24	27°52	17°57	15°30	11°14	25°56	22°42	26° 1	20°52	18°41	15°45	15° 7	13°47	5°28	T 27
W28	0 26 16	4°39'22	12♏50	17°14	16°44	11°51	25°59	22°45	26° 3	20°51	18°40	15°35	15° 4	13°54	5°26	W28
T 29	0 30 12	5°38'21	27°37	16°25	17°58	12°27	26° 2	22°48	26° 5	20°49	18°40	15°29	15° 1	14° 1	5°23	T 29
F 30	0 34 9	6♎37'22	12♐ 6	15♎29	19♍13	13♌ 3	26♊ 6	22♐52	26♋ 6	20♈48	18♉39	15♋25	14♋58	14♉ 8	5♈20	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n27	12s45	4n28	2s58	1s26	17n22	0n37	22n 0	0n53	22n43	0s34	22s 8	1n 5	21n37	0n28	6n47	1s43	2n50	15s11	22n15	22n26	10n38	5n21	2n58
F 2	8 5	16 53	3 42	3 35	1 35	17 3	0 39	21 53	0 53	22 44	0 34	22 8	1 5	21 36	0 28	6 47	1 43	2 49	15 11	22 15	22 27	10 41	5 20	2 58
S 3	7 44	19 58	2 44	4 11	1 44	16 43	0 41	21 47	0 54	22 44	0 34	22 8	1 5	21 36	0 28	6 46	1 43	2 49	15 11	22 15	22 27	10 43	5 19	2 58
S 4	7 21	21 50	1 37	4 47	1 53	16 23	0 44	21 40	0 55	22 44	0 34	22 8	1 5	21 36	0 28	6 46	1 43	2 49	15 11	22 15	22 27	10 46	5 18	2 58
M 5	6 59	22 23	0 26	5 21	2 2	16 3	0 46	21 34	0 56	22 45	0 34	22 8	1 4	21 35	0 28	6 45	1 43	2 48	15 12	22 15	22 28	10 48	5 17	2 58
T 6	6 37	21 37	0s45	5 55	2 11	15 42	0 48	21 27	0 56	22 45	0 34	22 9	1 4	21 35	0 29	6 45	1 43	2 48	15 12	22 15	22 28	10 50	5 16	2 58
W 7	6 15	19 41	1 53	6 27	2 19	15 21	0 50	21 20	0 57	22 45	0 34	22 9	1 4	21 34	0 29	6 44	1 43	2 48	15 12	22 16	22 28	10 53	5 15	2 58
T 8	5 52	16 45	2 54	6 59	2 28	14 59	0 53	21 12	0 58	22 46	0 34	22 9	1 4	21 34	0 29	6 44	1 43	2 47	15 12	22 16	22 29	10 55	5 14	2 58
F 9	5 30	13 3	3 45	7 29	2 36	14 37	0 55	21 5	0 58	22 46	0 34	22 9	1 4	21 33	0 29	6 43	1 43	2 47	15 13	22 17	22 29	10 58	5 13	2 58
S 10	5 7	8 50	4 24	7 58	2 44	14 15	0 57	20 58	0 59	22 46	0 34	22 10	1 4	21 33	0 29	6 43	1 43	2 47	15 13	22 18	22 30	11 0	5 12	2 58
S 11	4 44	4 18	4 50	8 25	2 52	13 52	0 59	20 50	1 0	22 47	0 34	22 10	1 3	21 32	0 29	6 42	1 43	2 46	15 13	22 20	22 30	11 2	5 11	2 58
M12	4 21	0n20	5 2	8 51	3 0	13 29	1 1	20 42	1 0	22 47	0 34	22 10	1 3	21 32	0 29	6 42	1 43	2 46	15 13	22 21	22 30	11 5	5 10	2 58
T 13	3 58	4 53	5 0	9 16	3 7	13 5	1 3	20 35	1 1	22 47	0 34	22 11	1 3	21 31	0 29	6 41	1 43	2 46	15 14	22 23	22 31	11 7	5 9	2 58
W14	3 35	9 13	4 46	9 38	3 14	12 41	1 4	20 27	1 2	22 47	0 34	22 11	1 3	21 31	0 29	6 41	1 43	2 45	15 14	22 24	22 31	11 10	5 8	2 58
T 15	3 12	13 11	4 18	9 59	3 21	12 16	1 6	20 19	1 2	22 47	0 34	22 11	1 3	21 31	0 29	6 40	1 43	2 45	15 14	22 25	22 31	11 12	5 7	2 58
F 16	2 49	16 38	3 40	10 18	3 27	11 52	1 8	20 10	1 3	22 48	0 34	22 11	1 2	21 30	0 29	6 39	1 43	2 44	15 14	22 25	22 32	11 14	5 6	2 58
S 17	2 26	19 25	2 52	10 34	3 33	11 27	1 9	20 2	1 4	22 48	0 34	22 12	1 2	21 30	0 29	6 39	1 43	2 44	15 15	22 26	22 32	11 17	5 4	2 58
S 18	2 3	21 23	1 56	10 48	3 38	11 1	1 11	19 54	1 5	22 48	0 34	22 12	1 2	21 29	0 29	6 38	1 44	2 44	15 15	22 26	22 33	11 19	5 3	2 58
M19	1 39	22 24	0 54	10 59	3 42	10 35	1 13	19 45	1 5	22 48	0 34	22 12	1 2	21 29	0 29	6 38	1 44	2 43	15 15	22 26	22 33	11 21	5 2	2 57
T 20	1 16	22 20	0n12	11 7	3 46	10 9	1 14	19 37	1 6	22 48	0 34	22 13	1 2	21 29	0 29	6 37	1 44	2 43	15 15	22 26	22 33	11 24	5 1	2 57
W21	0 53	21 4	1 20	11 13	3 49	9 43	1 15	19 28	1 7	22 49	0 34	22 13	1 2	21 28	0 29	6 37	1 44	2 43	15 16	22 26	22 34	11 26	5 0	2 57
T 22	0 29	18 37	2 26	11 14	3 50	9 16	1 17	19 19	1 7	22 49	0 34	22 13	1 1	21 28	0 29	6 36	1 44	2 42	15 16	22 26	22 34	11 29	4 59	2 57
F 23	0 6	15 2	3 25	11 13	3 51	8 49	1 18	19 10	1 8	22 49	0 34	22 13	1 1	21 28	0 29	6 35	1 44	2 42	15 16	22 27	22 34	11 31	4 58	2 57
S 24	0s17	10 28	4 13	11 7	3 50	8 22	1 19	19 1	1 9	22 49	0 34	22 14	1 1	21 27	0 29	6 35	1 44	2 41	15 16	22 28	22 35	11 33	4 57	2 57
S 25	0 41	5 12	4 46	10 58	3 48	7 55	1 20	18 52	1 10	22 49	0 34	22 14	1 1	21 27	0 29	6 34	1 44	2 41	15 16	22 29	22 35	11 36	4 55	2 57
M26	1 4	0s28	5 0	10 44	3 45	7 27	1 21	18 43	1 10	22 49	0 34	22 14	1 1	21 26	0 29	6 34	1 44	2 41	15 17	22 30	22 35	11 38	4 54	2 57
T 27	1 28	6 8	4 54	10 25	3 39	6 59	1 22	18 33	1 11	22 49	0 34	22 15	1 1	21 26	0 29	6 33	1 44	2 40	15 17	22 32	22 36	11 40	4 53	2 57
W28	1 51	11 27	4 28	10 3	3 33	6 31	1 23	18 24	1 12	22 50	0 34	22 15	1 0	21 26	0 29	6 32	1 44	2 40	15 17	22 33	22 36	11 43	4 52	2 57
T 29	2 14	16 0	3 44	9 36	3 24	6 3	1 24	18 14	1 12	22 50	0 34	22 15	1 0	21 26	0 29	6 32	1 44	2 40	15 17	22 33	22 37	11 45	4 51	2 57
F 30	2s38	19s31	2n46	9s 4	3s13	5n34	1n25	18n 5	1n13	22n50	0s34	22s16	1n 0	21n25	0n29	6n31	1s44	2n39	15s17	22n34	22n37	11n48	4n50	2n57

Julian Day Number = 2404306.5, Delta T = 1.64 sec
Ecliptic obliquity = 23°27'20, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°56'03, Lahiri = 22°03'04

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ASTRODIENST EPHEMERIS for the year 1870
geocentric

OCTOBER 1870 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 38 6	7♎36'25	26♐14	14°R28	20♍27	13♌39	26♊ 8	22♐55	26♋ 8	20°R46	18°R38	15°R23	14♋55	14♉14	5°R17	S 1
S 2	0 42 2	8°35'29	10♑ 0	13♎22	21°42	14°15	26°11	22°58	26°10	20♈44	18♉37	15♋23	14°51	14°21	5♈15	S 2
M 3	0 45 59	9°34'36	23°26	12°14	22°56	14°51	26°13	23° 2	26°11	20°43	18°36	15°23	14°48	14°28	5°12	M 3
T 4	0 49 55	10°33'44	6♒34	11° 4	24°11	15°27	26°16	23° 5	26°13	20°41	18°35	15°21	14°45	14°34	5° 9	T 4
W 5	0 53 52	11°32'53	19°27	9°55	25°25	16° 3	26°18	23° 9	26°14	20°39	18°35	15°18	14°42	14°41	5° 6	W 5
T 6	0 57 48	12°32'05	2♓ 7	8°48	26°40	16°39	26°20	23°12	26°16	20°38	18°34	15°12	14°39	14°48	5° 3	T 6
F 7	1 1 45	13°31'18	14°37	7°46	27°55	17°14	26°21	23°16	26°17	20°36	18°33	15° 3	14°36	14°54	5° 1	F 7
S 8	1 5 41	14°30'33	26°57	6°49	29° 9	17°50	26°23	23°20	26°19	20°34	18°32	14°51	14°32	15° 1	4°58	S 8
S 9	1 9 38	15°29'50	9♈ 9	6° 1	0♎24	18°26	26°24	23°24	26°20	20°33	18°31	14°37	14°29	15° 8	4°55	S 9
M10	1 13 35	16°29'10	21°13	5°21	1°39	19° 1	26°25	23°28	26°21	20°31	18°30	14°23	14°26	15°15	4°53	M10
T 11	1 17 31	17°28'31	3♉11	4°52	2°54	19°36	26°26	23°32	26°22	20°29	18°29	14° 9	14°23	15°21	4°50	T 11
W12	1 21 28	18°27'54	15° 4	4°33	4° 8	20°12	26°27	23°36	26°24	20°28	18°28	13°56	14°20	15°28	4°47	W12
T 13	1 25 24	19°27'20	26°54	4°D25	5°23	20°47	26°27	23°40	26°25	20°26	18°27	13°46	14°17	15°35	4°45	T 13
F 14	1 29 21	20°26'48	8♊43	4°28	6°38	21°22	26°28	23°45	26°26	20°24	18°26	13°39	14°13	15°41	4°42	F 14
S 15	1 33 17	21°26'18	20°35	4°42	7°53	21°57	26°R28	23°49	26°27	20°23	18°25	13°35	14°10	15°48	4°39	S 15
S 16	1 37 14	22°25'50	2♋34	5° 7	9° 8	22°32	26°28	23°54	26°28	20°21	18°24	13°33	14° 7	15°55	4°37	S 16
M17	1 41 10	23°25'25	14°45	5°41	10°23	23° 7	26°27	23°58	26°29	20°19	18°23	13°D33	14° 4	16° 1	4°34	M17
T 18	1 45 7	24°25'02	27°12	6°23	11°38	23°41	26°27	24° 3	26°29	20°18	18°22	13°R33	14° 1	16° 8	4°31	T 18
W19	1 49 4	25°24'41	10♌ 2	7°15	12°53	24°16	26°26	24° 7	26°30	20°16	18°21	13°32	13°57	16°15	4°29	W19
T 20	1 53 0	26°24'23	23°18	8°13	14° 8	24°51	26°25	24°12	26°31	20°14	18°20	13°30	13°54	16°22	4°26	T 20
F 21	1 56 57	27°24'07	7♍ 4	9°18	15°23	25°25	26°24	24°17	26°32	20°13	18°19	13°25	13°51	16°28	4°24	F 21
S 22	2 0 53	28°23'52	21°20	10°29	16°38	26° 0	26°23	24°22	26°32	20°11	18°18	13°17	13°48	16°35	4°21	S 22
S 23	2 4 50	29°23'41	6♎ 3	11°44	17°53	26°34	26°21	24°27	26°33	20° 9	18°17	13° 7	13°45	16°42	4°19	S 23
M24	2 8 46	0♏23'31	21° 8	13° 4	19° 8	27° 8	26°20	24°32	26°33	20° 8	18°16	12°57	13°42	16°48	4°16	M24
T 25	2 12 43	1°23'23	6♏24	14°28	20°23	27°42	26°18	24°37	26°34	20° 6	18°15	12°46	13°38	16°55	4°14	T 25
W26	2 16 39	2°23'17	21°40	15°54	21°38	28°16	26°16	24°42	26°34	20° 4	18°14	12°37	13°35	17° 2	4°12	W26
T 27	2 20 36	3°23'13	6♐45	17°24	22°54	28°50	26°13	24°47	26°35	20° 3	18°13	12°30	13°32	17° 8	4° 9	T 27
F 28	2 24 33	4°23'11	21°32	18°55	24° 9	29°24	26°11	24°53	26°35	20° 1	18°12	12°26	13°29	17°15	4° 7	F 28
S 29	2 28 29	5°23'11	5♑53	20°28	25°24	29°58	26° 8	24°58	26°35	20° 0	18°11	12°24	13°26	17°22	4° 5	S 29
S 30	2 32 26	6°23'12	19°49	22° 2	26°39	0♍31	26° 5	25° 3	26°35	19°58	18°10	12°D24	13°23	17°29	4° 3	S 30
M31	2 36 22	7♏23'15	3♒18	23♎37	27♎54	1♍ 5	26♊ 2	25♐ 9	26♋35	19♈56	18♉ 9	12°R25	13♋19	17♉35	4♈ 0	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s 1	21s45	1n39	8s29	3s 0	5n 6	1n26	17n55	1n14	22n50	0s34	22s16	1n 0	21n25	0n29	6n31	1s44	2n39	15s18	22n34	22n37	11n50	4n48	2n57
S 2	3 25	22 36	0 28	7 50	2 46	4 37	1 26	17 45	1 14	22 50	0 34	22 16	1 0	21 25	0 29	6 30	1 44	2 38	15 18	22 34	22 38	11 52	4 47	2 57
M 3	3 48	22 7	0s42	7 8	2 30	4 8	1 27	17 35	1 15	22 50	0 34	22 17	1 0	21 24	0 29	6 29	1 44	2 38	15 18	22 34	22 38	11 55	4 46	2 57
T 4	4 11	20 25	1 49	6 25	2 12	3 39	1 27	17 25	1 16	22 50	0 34	22 17	0 59	21 24	0 29	6 29	1 44	2 38	15 18	22 34	22 38	11 57	4 45	2 56
W 5	4 34	17 41	2 49	5 40	1 53	3 10	1 28	17 15	1 17	22 50	0 34	22 17	0 59	21 24	0 29	6 28	1 44	2 37	15 18	22 35	22 39	11 59	4 44	2 56
T 6	4 57	14 9	3 40	4 55	1 33	2 41	1 28	17 5	1 17	22 50	0 34	22 18	0 59	21 24	0 29	6 27	1 44	2 37	15 19	22 35	22 39	12 2	4 42	2 56
F 7	5 20	10 2	4 19	4 12	1 13	2 11	1 29	16 55	1 18	22 50	0 34	22 18	0 59	21 23	0 29	6 27	1 44	2 36	15 19	22 36	22 39	12 4	4 41	2 56
S 8	5 43	5 34	4 45	3 31	0 53	1 42	1 29	16 45	1 19	22 50	0 34	22 19	0 59	21 23	0 29	6 26	1 44	2 36	15 19	22 38	22 40	12 6	4 40	2 56
S 9	6 6	0 56	4 58	2 53	0 32	1 12	1 29	16 35	1 20	22 50	0 34	22 19	0 59	21 23	0 30	6 25	1 44	2 36	15 19	22 39	22 40	12 9	4 39	2 56
M10	6 29	3n41	4 57	2 19	0 12	0 42	1 29	16 24	1 20	22 50	0 34	22 19	0 58	21 23	0 30	6 25	1 44	2 35	15 19	22 41	22 40	12 11	4 38	2 56
T 11	6 52	8 9	4 43	1 50	0n 7	0 13	1 29	16 14	1 21	22 50	0 34	22 20	0 58	21 23	0 30	6 24	1 44	2 35	15 19	22 42	22 41	12 13	4 37	2 56
W12	7 15	12 16	4 17	1 26	0 25	0s17	1 29	16 3	1 22	22 50	0 34	22 20	0 58	21 22	0 30	6 24	1 44	2 35	15 19	22 44	22 41	12 16	4 35	2 56
T 13	7 37	15 55	3 40	1 8	0 41	0 47	1 29	15 53	1 23	22 50	0 34	22 20	0 58	21 22	0 30	6 23	1 44	2 34	15 20	22 45	22 41	12 18	4 34	2 56
F 14	8 0	18 55	2 53	0 55	0 56	1 17	1 29	15 42	1 23	22 50	0 34	22 21	0 58	21 22	0 30	6 22	1 44	2 34	15 20	22 45	22 42	12 20	4 33	2 55
S 15	8 22	21 9	1 58	0 48	1 10	1 46	1 29	15 32	1 24	22 51	0 34	22 21	0 58	21 22	0 30	6 22	1 44	2 33	15 20	22 46	22 42	12 23	4 32	2 55
S 16	8 44	22 28	0 58	0 47	1 22	2 16	1 28	15 21	1 25	22 51	0 34	22 21	0 58	21 22	0 30	6 21	1 44	2 33	15 20	22 46	22 42	12 25	4 31	2 55
M17	9 6	22 45	0n 6	0 51	1 32	2 46	1 28	15 10	1 25	22 51	0 34	22 22	0 57	21 22	0 30	6 20	1 44	2 33	15 20	22 46	22 43	12 27	4 30	2 55
T 18	9 28	21 54	1 12	1 0	1 41	3 16	1 28	14 59	1 26	22 51	0 34	22 22	0 57	21 21	0 30	6 20	1 44	2 32	15 20	22 46	22 43	12 30	4 28	2 55
W19	9 50	19 55	2 15	1 13	1 48	3 45	1 27	14 48	1 27	22 51	0 34	22 22	0 57	21 21	0 30	6 19	1 44	2 32	15 20	22 46	22 43	12 32	4 27	2 55
T 20	10 12	16 49	3 14	1 31	1 54	4 15	1 27	14 38	1 28	22 51	0 34	22 23	0 57	21 21	0 30	6 19	1 44	2 32	15 20	22 46	22 44	12 35	4 26	2 55
F 21	10 33	12 41	4 4	1 52	1 59	4 44	1 26	14 27	1 28	22 51	0 34	22 23	0 57	21 21	0 30	6 18	1 44	2 31	15 20	22 47	22 44	12 37	4 25	2 55
S 22	10 55	7 44	4 40	2 17	2 2	5 14	1 25	14 16	1 29	22 51	0 34	22 23	0 57	21 21	0 30	6 17	1 44	2 31	15 21	22 48	22 44	12 39	4 24	2 54
S 23	11 16	2 11	4 59	2 44	2 4	5 43	1 24	14 5	1 30	22 51	0 34	22 24	0 57	21 21	0 30	6 17	1 44	2 31	15 21	22 48	22 45	12 42	4 23	2 54
M24	11 37	3s38	4 59	3 14	2 6	6 12	1 24	13 54	1 31	22 51	0 34	22 24	0 56	21 21	0 30	6 16	1 44	2 30	15 21	22 50	22 45	12 44	4 22	2 54
T 25	11 58	9 18	4 37	3 46	2 6	6 42	1 23	13 43	1 32	22 50	0 34	22 25	0 56	21 21	0 30	6 15	1 44	2 30	15 21	22 51	22 45	12 46	4 21	2 54
W26	12 19	14 24	3 55	4 20	2 5	7 11	1 22	13 32	1 32	22 50	0 34	22 25	0 56	21 21	0 30	6 15	1 44	2 30	15 21	22 51	22 46	12 49	4 20	2 54
T 27	12 39	18 32	2 57	4 56	2 3	7 39	1 21	13 21	1 33	22 50	0 34	22 25	0 56	21 21	0 30	6 14	1 44	2 29	15 21	22 52	22 46	12 51	4 19	2 54
F 28	12 59	21 23	1 49	5 33	2 1	8 8	1 20	13 9	1 34	22 50	0 34	22 26	0 56	21 21	0 30	6 14	1 44	2 29	15 21	22 52	22 46	12 53	4 17	2 53
S 29	13 20	22 45	0 35	6 10	1 58	8 37	1 19	12 58	1 35	22 50	0 34	22 26	0 56	21 21	0 30	6 13	1 44	2 29	15 21	22 53	22 47	12 55	4 16	2 53
S 30	13 39	22 39	0s39	6 49	1 55	9 5	1 17	12 47	1 35	22 50	0 34	22 26	0 56	21 21	0 30	6 12	1 44	2 28	15 21	22 53	22 47	12 58	4 15	2 53
M31	13s59	21s12	1s49	7s28	1n51	9s33	1n16	12n36	1n36	22n50	0s34	22s27	0n55	21n21	0n30	6n12	1s44	2n28	15s21	22n53	22n47	13n 0	4n14	2n53

Julian Day Number = 2404336.5, Delta T = 1.56 sec
Ecliptic obliquity = 23°27'20, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°56'07, Lahiri = 22°03'08

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ASTRODIENST EPHEMERIS for the year 1870
geocentric

NOVEMBER 1870 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 40 19	8♏23'19	16♒24	25♎14	29♎10	1♍38	25°R59	25♐14	26♋36	19°R55	18°R 7	12°R24	13♋16	17♉42	3°R58	T 1
W 2	2 44 15	9°23'25	29°11	26°50	0♏25	2°11	25♊55	25°20	26°R36	19♈53	18♉ 6	12♋22	13°13	17°49	3♈56	W 2
T 3	2 48 12	10°23'32	11♓42	28°28	1°40	2°44	25°52	25°26	26°36	19°52	18° 5	12°18	13°10	17°55	3°54	T 3
F 4	2 52 8	11°23'41	24° 0	0♏ 5	2°55	3°17	25°48	25°31	26°35	19°50	18° 4	12°11	13° 7	18° 2	3°52	F 4
S 5	2 56 5	12°23'52	6♈ 9	1°43	4°11	3°50	25°44	25°37	26°35	19°49	18° 3	12° 2	13° 3	18° 9	3°50	S 5
S 6	3 0 2	13°24'04	18°10	3°21	5°26	4°23	25°40	25°43	26°35	19°47	18° 2	11°51	13° 0	18°15	3°48	S 6
M 7	3 3 58	14°24'17	0♉ 7	4°59	6°41	4°56	25°35	25°49	26°35	19°46	18° 1	11°39	12°57	18°22	3°46	M 7
T 8	3 7 55	15°24'33	12° 0	6°36	7°57	5°28	25°31	25°55	26°35	19°44	18° 0	11°28	12°54	18°29	3°44	T 8
W 9	3 11 51	16°24'50	23°51	8°14	9°12	6° 1	25°26	26° 1	26°34	19°43	17°59	11°18	12°51	18°36	3°42	W 9
T 10	3 15 48	17°25'09	5♊42	9°52	10°27	6°33	25°21	26° 7	26°34	19°41	17°57	11°10	12°48	18°42	3°40	T 10
F 11	3 19 44	18°25'30	17°33	11°29	11°43	7° 5	25°16	26°13	26°33	19°40	17°56	11° 5	12°44	18°49	3°38	F 11
S 12	3 23 41	19°25'53	29°29	13° 6	12°58	7°37	25°11	26°19	26°33	19°38	17°55	11° 2	12°41	18°56	3°37	S 12
S 13	3 27 37	20°26'17	11♋31	14°43	14°13	8° 9	25° 5	26°25	26°32	19°37	17°54	11°D 1	12°38	19° 2	3°35	S 13
M14	3 31 34	21°26'44	23°44	16°20	15°29	8°41	25° 0	26°31	26°32	19°36	17°53	11° 1	12°35	19° 9	3°33	M14
T 15	3 35 31	22°27'12	6♌11	17°56	16°44	9°12	24°54	26°37	26°31	19°34	17°52	11° 3	12°32	19°16	3°32	T 15
W16	3 39 27	23°27'42	18°58	19°32	17°59	9°44	24°48	26°44	26°30	19°33	17°51	11°R 4	12°28	19°22	3°30	W16
T 17	3 43 24	24°28'14	2♍ 7	21° 8	19°15	10°15	24°42	26°50	26°30	19°32	17°50	11° 3	12°25	19°29	3°29	T 17
F 18	3 47 20	25°28'47	15°44	22°44	20°30	10°47	24°36	26°56	26°29	19°30	17°48	11° 2	12°22	19°36	3°27	F 18
S 19	3 51 17	26°29'23	29°48	24°19	21°46	11°18	24°29	27° 3	26°28	19°29	17°47	10°58	12°19	19°42	3°26	S 19
S 20	3 55 13	27°30'00	14♎20	25°54	23° 1	11°49	24°23	27° 9	26°27	19°28	17°46	10°52	12°16	19°49	3°24	S 20
M21	3 59 10	28°30'39	29°16	27°29	24°17	12°19	24°16	27°16	26°26	19°27	17°45	10°46	12°13	19°56	3°23	M21
T 22	4 3 6	29°31'19	14♏27	29° 4	25°32	12°50	24°10	27°22	26°25	19°25	17°44	10°39	12° 9	20° 3	3°22	T 22
W23	4 7 3	0♐32'01	29°44	0♐39	26°48	13°21	24° 3	27°29	26°24	19°24	17°43	10°33	12° 6	20° 9	3°21	W23
T 24	4 11 0	1°32'45	14♐56	2°14	28° 3	13°51	23°56	27°35	26°23	19°23	17°42	10°29	12° 3	20°16	3°20	T 24
F 25	4 14 56	2°33'29	29°53	3°48	29°19	14°21	23°49	27°42	26°21	19°22	17°41	10°27	12° 0	20°23	3°18	F 25
S 26	4 18 53	3°34'15	14♑28	5°22	0♐34	14°51	23°41	27°49	26°20	19°21	17°40	10°D27	11°57	20°29	3°17	S 26
S 27	4 22 49	4°35'02	28°36	6°56	1°49	15°21	23°34	27°55	26°19	19°20	17°39	10°28	11°54	20°36	3°16	S 27
M28	4 26 46	5°35'50	12♒16	8°31	3° 5	15°50	23°27	28° 2	26°18	19°19	17°38	10°29	11°50	20°43	3°15	M28
T 29	4 30 42	6°36'39	25°30	10° 5	4°20	16°20	23°19	28° 9	26°16	19°18	17°36	10°31	11°47	20°49	3°15	T 29
W30	4 34 39	7♐37'29	8♓20	11♐38	5♐36	16♍49	23♊12	28♐16	26♋15	19♈17	17♉35	10°R31	11♋44	20♉56	3♈14	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s19	18s39	2s51	8s 7	1n47	10s 1	1n15	12n25	1n37	22n50	0s34	22s27	0n55	21n21	0n30	6n11	1s44	2n28	15s21	22n53	22n48	13n 2	4n13	2n53
W 2	14 38	15 14	3 42	8 46	1 42	10 29	1 14	12 13	1 38	22 50	0 33	22 27	0 55	21 21	0 30	6 11	1 44	2 27	15 21	22 53	22 48	13 5	4 12	2 53
T 3	14 57	11 13	4 22	9 26	1 37	10 56	1 12	12 2	1 39	22 50	0 33	22 28	0 55	21 21	0 30	6 10	1 44	2 27	15 21	22 53	22 48	13 7	4 11	2 53
F 4	15 16	6 48	4 49	10 5	1 31	11 23	1 11	11 51	1 39	22 50	0 33	22 28	0 55	21 21	0 30	6 10	1 44	2 27	15 21	22 54	22 49	13 9	4 10	2 52
S 5	15 34	2 11	5 2	10 44	1 26	11 50	1 9	11 40	1 40	22 50	0 33	22 28	0 55	21 21	0 30	6 9	1 44	2 26	15 21	22 55	22 49	13 12	4 9	2 52
S 6	15 52	2n28	5 2	11 23	1 20	12 17	1 8	11 29	1 41	22 50	0 33	22 28	0 55	21 21	0 30	6 9	1 44	2 26	15 21	22 56	22 49	13 14	4 8	2 52
M 7	16 10	7 1	4 49	12 2	1 14	12 43	1 6	11 17	1 42	22 50	0 33	22 29	0 55	21 21	0 31	6 8	1 44	2 26	15 21	22 57	22 49	13 16	4 7	2 52
T 8	16 28	11 17	4 22	12 40	1 7	13 9	1 4	11 6	1 43	22 50	0 33	22 29	0 54	21 21	0 31	6 7	1 44	2 26	15 21	22 58	22 50	13 19	4 7	2 52
W 9	16 45	15 7	3 45	13 18	1 1	13 35	1 3	10 55	1 43	22 49	0 33	22 29	0 54	21 21	0 31	6 7	1 44	2 25	15 21	22 58	22 50	13 21	4 6	2 51
T 10	17 3	18 21	2 58	13 55	0 54	14 0	1 1	10 44	1 44	22 49	0 33	22 30	0 54	21 21	0 31	6 6	1 44	2 25	15 21	22 59	22 50	13 23	4 5	2 51
F 11	17 19	20 50	2 3	14 32	0 48	14 25	0 59	10 33	1 45	22 49	0 33	22 30	0 54	21 22	0 31	6 6	1 44	2 25	15 21	23 0	22 51	13 26	4 4	2 51
S 12	17 36	22 26	1 2	15 8	0 41	14 50	0 57	10 21	1 46	22 49	0 33	22 30	0 54	21 22	0 31	6 5	1 44	2 24	15 21	23 0	22 51	13 28	4 3	2 51
S 13	17 52	23 0	0n 3	15 43	0 34	15 14	0 56	10 10	1 47	22 49	0 33	22 31	0 54	21 22	0 31	6 5	1 44	2 24	15 21	23 0	22 51	13 30	4 2	2 51
M14	18 8	22 29	1 8	16 18	0 27	15 38	0 54	9 59	1 48	22 49	0 33	22 31	0 54	21 22	0 31	6 4	1 44	2 24	15 21	23 0	22 52	13 32	4 1	2 50
T 15	18 24	20 52	2 12	16 51	0 21	16 1	0 52	9 48	1 48	22 49	0 33	22 31	0 54	21 22	0 31	6 4	1 44	2 24	15 21	23 0	22 52	13 35	4 1	2 50
W16	18 39	18 10	3 10	17 24	0 14	16 24	0 50	9 37	1 49	22 49	0 33	22 31	0 54	21 22	0 31	6 3	1 43	2 24	15 21	23 0	22 52	13 37	4 0	2 50
T 17	18 54	14 28	4 1	17 57	0 7	16 47	0 48	9 26	1 50	22 48	0 33	22 32	0 53	21 22	0 31	6 3	1 43	2 23	15 21	23 0	22 52	13 39	3 59	2 50
F 18	19 9	9 56	4 40	18 28	0 0	17 9	0 46	9 15	1 51	22 48	0 33	22 32	0 53	21 23	0 31	6 2	1 43	2 23	15 21	23 0	22 53	13 42	3 58	2 50
S 19	19 23	4 43	5 3	18 58	0s 7	17 31	0 44	9 3	1 52	22 48	0 32	22 32	0 53	21 23	0 31	6 2	1 43	2 23	15 21	23 0	22 53	13 44	3 57	2 50
S 20	19 37	0s55	5 9	19 28	0 13	17 52	0 41	8 52	1 53	22 48	0 32	22 32	0 53	21 23	0 31	6 2	1 43	2 23	15 21	23 1	22 53	13 46	3 57	2 49
M21	19 50	6 38	4 53	19 56	0 20	18 13	0 39	8 41	1 54	22 48	0 32	22 33	0 53	21 23	0 31	6 1	1 43	2 22	15 21	23 1	22 54	13 48	3 56	2 49
T 22	20 4	12 5	4 17	20 24	0 26	18 33	0 37	8 31	1 55	22 47	0 32	22 33	0 53	21 24	0 31	6 1	1 43	2 22	15 20	23 2	22 54	13 51	3 55	2 49
W23	20 17	16 48	3 23	20 50	0 33	18 53	0 35	8 20	1 55	22 47	0 32	22 33	0 53	21 24	0 31	6 0	1 43	2 22	15 20	23 2	22 54	13 53	3 55	2 49
T 24	20 29	20 23	2 14	21 16	0 39	19 12	0 33	8 9	1 56	22 47	0 32	22 33	0 53	21 24	0 31	6 0	1 43	2 22	15 20	23 2	22 55	13 55	3 54	2 48
F 25	20 41	22 30	0 57	21 40	0 45	19 31	0 30	7 58	1 57	22 47	0 32	22 34	0 53	21 24	0 31	6 0	1 43	2 22	15 20	23 3	22 55	13 58	3 53	2 48
S 26	20 53	23 2	0s22	22 4	0 52	19 49	0 28	7 47	1 58	22 47	0 32	22 34	0 52	21 25	0 31	5 59	1 43	2 21	15 20	23 3	22 55	14 0	3 53	2 48
S 27	21 4	22 3	1 37	22 26	0 58	20 7	0 26	7 36	1 59	22 46	0 32	22 34	0 52	21 25	0 31	5 59	1 43	2 21	15 20	23 3	22 55	14 2	3 52	2 48
M28	21 15	19 46	2 45	22 47	1 4	20 24	0 24	7 26	2 0	22 46	0 32	22 34	0 52	21 25	0 31	5 58	1 43	2 21	15 20	23 2	22 56	14 4	3 52	2 48
T 29	21 26	16 30	3 41	23 7	1 9	20 41	0 21	7 15	2 1	22 46	0 32	22 34	0 52	21 25	0 31	5 58	1 43	2 21	15 20	23 2	22 56	14 7	3 51	2 47
W30	21s36	12s33	4s25	23s26	1s15	20s57	0n19	7n 5	2n 2	22n45	0s31	22s35	0n52	21n26	0n31	5n58	1s43	2n21	15s20	23n 2	22n56	14n 9	3n50	2n47

Julian Day Number = 2404367.5, Delta T = 1.48 sec
Ecliptic obliquity = 23°27'20, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°56'11, Lahiri = 22°03'12

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ASTRODIENST EPHEMERIS for the year 1870
geocentric

DECEMBER 1870 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 38 35	8♐38'19	20♓50	13♐12	6♐51	17♍18	23°R 4	28♐22	26°R13	19°R16	17°R34	10°R30	11♋41	21♉ 3	3°R13	T 1
F 2	4 42 32	9°39'11	3♈ 5	14°46	8° 7	17°47	22♊56	28°29	26♋12	19♈15	17♉33	10♋28	11°38	21°10	3♈12	F 2
S 3	4 46 29	10°40'03	15° 8	16°20	9°22	18°16	22°48	28°36	26°10	19°14	17°32	10°24	11°34	21°16	3°11	S 3
S 4	4 50 25	11°40'56	27° 4	17°54	10°38	18°44	22°40	28°43	26° 9	19°13	17°31	10°20	11°31	21°23	3°11	S 4
M 5	4 54 22	12°41'50	8♉56	19°27	11°53	19°13	22°33	28°50	26° 7	19°12	17°30	10°14	11°28	21°30	3°10	M 5
T 6	4 58 18	13°42'45	20°47	21° 1	13° 9	19°41	22°25	28°57	26° 5	19°11	17°29	10° 9	11°25	21°36	3°10	T 6
W 7	5 2 15	14°43'41	2♊38	22°35	14°24	20° 9	22°17	29° 4	26° 4	19°11	17°28	10° 5	11°22	21°43	3° 9	W 7
T 8	5 6 11	15°44'37	14°32	24° 9	15°40	20°37	22° 8	29°11	26° 2	19°10	17°27	10° 2	11°19	21°50	3° 9	T 8
F 9	5 10 8	16°45'35	26°31	25°42	16°55	21° 4	22° 0	29°18	26° 0	19° 9	17°26	10° 0	11°15	21°56	3° 9	F 9
S 10	5 14 4	17°46'33	8♋36	27°16	18°11	21°31	21°52	29°25	25°58	19° 8	17°25	9°D59	11°12	22° 3	3° 8	S 10
S 11	5 18 1	18°47'33	20°49	28°50	19°26	21°59	21°44	29°32	25°56	19° 8	17°24	9°59	11° 9	22°10	3° 8	S 11
M12	5 21 58	19°48'33	3♌13	0♏24	20°42	22°25	21°36	29°39	25°54	19° 7	17°24	10° 1	11° 6	22°16	3° 8	M12
T 13	5 25 54	20°49'35	15°49	1°57	21°57	22°52	21°28	29°46	25°52	19° 6	17°23	10° 2	11° 3	22°23	3° 8	T 13
W14	5 29 51	21°50'37	28°41	3°31	23°13	23°18	21°20	29°53	25°50	19° 6	17°22	10° 4	11° 0	22°30	3° 8	W14
T 15	5 33 47	22°51'40	11♍51	5° 5	24°28	23°45	21°11	29°59	25°48	19° 5	17°21	10° 5	10°56	22°37	3°D 8	T 15
F 16	5 37 44	23°52'44	25°22	6°38	25°44	24°11	21° 3	0♏ 7	25°46	19° 5	17°20	10°R 5	10°53	22°43	3° 8	F 16
S 17	5 41 40	24°53'49	9♎15	8°11	26°59	24°36	20°55	0°14	25°44	19° 4	17°19	10° 4	10°50	22°50	3° 8	S 17
S 18	5 45 37	25°54'55	23°29	9°44	28°15	25° 2	20°47	0°21	25°42	19° 4	17°18	10° 3	10°47	22°57	3° 8	S 18
M19	5 49 33	26°56'02	8♏ 4	11°17	29°30	25°27	20°39	0°28	25°40	19° 3	17°17	10° 2	10°44	23° 3	3° 8	M19
T 20	5 53 30	27°57'10	22°54	12°49	0♏46	25°52	20°31	0°35	25°38	19° 3	17°17	10° 0	10°40	23°10	3° 9	T 20
W21	5 57 27	28°58'18	7♐52	14°21	2° 1	26°16	20°23	0°42	25°35	19° 3	17°16	9°59	10°37	23°17	3° 9	W21
T 22	6 1 23	29°59'27	22°52	15°52	3°17	26°41	20°15	0°49	25°33	19° 2	17°15	9°58	10°34	23°23	3° 9	T 22
F 23	6 5 20	1♑ 0'36	7♑43	17°22	4°32	27° 5	20° 7	0°56	25°31	19° 2	17°14	9°D58	10°31	23°30	3°10	F 23
S 24	6 9 16	2° 1'46	22°19	18°51	5°48	27°28	19°59	1° 3	25°29	19° 2	17°13	9°58	10°28	23°37	3°10	S 24
S 25	6 13 13	3° 2'56	6♒33	20°19	7° 3	27°52	19°51	1°11	25°26	19° 2	17°13	9°58	10°25	23°43	3°11	S 25
M26	6 17 9	4° 4'06	20°21	21°45	8°19	28°15	19°44	1°18	25°24	19° 2	17°12	9°59	10°21	23°50	3°11	M26
T 27	6 21 6	5° 5'16	3♓44	23°10	9°34	28°38	19°36	1°25	25°21	19° 1	17°11	9°59	10°18	23°57	3°12	T 27
W28	6 25 3	6° 6'26	16°41	24°32	10°50	29° 0	19°28	1°32	25°19	19° 1	17°11	10° 0	10°15	24° 3	3°13	W28
T 29	6 28 59	7° 7'35	29°17	25°52	12° 5	29°23	19°21	1°39	25°17	19° 1	17°10	10° 0	10°12	24°10	3°14	T 29
F 30	6 32 56	8° 8'45	11♈34	27° 8	13°21	29°44	19°14	1°46	25°14	19° 1	17° 9	10°R 0	10° 9	24°17	3°14	F 30
S 31	6 36 52	9♑ 9'54	23♈38	28♑21	14♑36	0♎ 6	19♊ 6	1♑53	25♋12	19°D 1	17♉ 9	10♋ 0	10♋ 6	24♉24	3♈15	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s46	8s 9	4s55	23s44	1s20	21s12	0n17	6n54	2n 3	22n45	0s31	22s35	0n52	21n26	0n31	5n57	1s43	2n21	15s19	23n 2	22n56	14n11	3n50	2n47
F 2	21 55	3 31	5 10	24 0	1 26	21 26	0 14	6 44	2 4	22 45	0 31	22 35	0 52	21 26	0 31	5 57	1 43	2 21	15 19	23 3	22 57	14 13	3 49	2 47
S 3	22 4	1n10	5 12	24 15	1 31	21 41	0 12	6 33	2 5	22 45	0 31	22 35	0 52	21 27	0 31	5 57	1 43	2 20	15 19	23 3	22 57	14 16	3 49	2 47
S 4	22 12	5 47	5 0	24 29	1 35	21 54	0 9	6 23	2 5	22 44	0 31	22 35	0 52	21 27	0 31	5 57	1 43	2 20	15 19	23 3	22 57	14 18	3 49	2 46
M 5	22 20	10 9	4 35	24 42	1 40	22 7	0 7	6 13	2 6	22 44	0 31	22 35	0 52	21 27	0 31	5 56	1 43	2 20	15 19	23 4	22 58	14 20	3 48	2 46
T 6	22 28	14 8	3 58	24 53	1 44	22 19	0 5	6 2	2 7	22 44	0 31	22 36	0 52	21 28	0 31	5 56	1 43	2 20	15 19	23 4	22 58	14 22	3 48	2 46
W 7	22 35	17 35	3 11	25 3	1 49	22 30	0 2	5 52	2 8	22 43	0 31	22 36	0 51	21 28	0 31	5 56	1 43	2 20	15 18	23 4	22 58	14 25	3 47	2 46
T 8	22 42	20 19	2 16	25 12	1 53	22 41	0s 0	5 42	2 9	22 43	0 30	22 36	0 51	21 28	0 32	5 55	1 43	2 20	15 18	23 5	22 58	14 27	3 47	2 45
F 9	22 48	22 11	1 14	25 19	1 56	22 51	0 2	5 32	2 10	22 43	0 30	22 36	0 51	21 29	0 32	5 55	1 43	2 20	15 18	23 5	22 59	14 29	3 47	2 45
S 10	22 54	23 3	0 8	25 25	2 0	23 1	0 5	5 22	2 11	22 42	0 30	22 36	0 51	21 29	0 32	5 55	1 43	2 20	15 18	23 5	22 59	14 32	3 46	2 45
S 11	22 59	22 49	0n59	25 30	2 3	23 9	0 7	5 13	2 12	22 42	0 30	22 36	0 51	21 29	0 32	5 55	1 42	2 20	15 18	23 5	22 59	14 34	3 46	2 45
M12	23 4	21 28	2 5	25 33	2 5	23 17	0 10	5 3	2 13	22 41	0 30	22 36	0 51	21 30	0 32	5 55	1 42	2 20	15 18	23 5	22 59	14 36	3 46	2 45
T 13	23 8	19 3	3 5	25 34	2 8	23 25	0 12	4 53	2 14	22 41	0 30	22 36	0 51	21 30	0 32	5 54	1 42	2 20	15 17	23 5	23 0	14 38	3 45	2 44
W14	23 12	15 39	3 58	25 34	2 10	23 31	0 14	4 44	2 15	22 41	0 30	22 36	0 51	21 31	0 32	5 54	1 42	2 20	15 17	23 4	23 0	14 40	3 45	2 44
T 15	23 16	11 25	4 39	25 33	2 12	23 37	0 17	4 34	2 16	22 40	0 30	22 37	0 51	21 31	0 32	5 54	1 42	2 20	15 17	23 4	23 0	14 43	3 45	2 44
F 16	23 19	6 31	5 6	25 30	2 13	23 42	0 19	4 25	2 17	22 40	0 29	22 37	0 51	21 31	0 32	5 54	1 42	2 20	15 17	23 4	23 1	14 45	3 45	2 44
S 17	23 21	1 11	5 16	25 26	2 14	23 47	0 21	4 16	2 18	22 40	0 29	22 37	0 51	21 32	0 32	5 54	1 42	2 20	15 17	23 4	23 1	14 47	3 45	2 43
S 18	23 24	4s21	5 8	25 20	2 14	23 50	0 24	4 7	2 19	22 39	0 29	22 37	0 51	21 32	0 32	5 54	1 42	2 20	15 16	23 4	23 1	14 49	3 45	2 43
M19	23 25	9 47	4 40	25 12	2 14	23 53	0 26	3 58	2 20	22 39	0 29	22 37	0 51	21 33	0 32	5 54	1 42	2 20	15 16	23 5	23 1	14 52	3 44	2 43
T 20	23 26	14 46	3 52	25 3	2 14	23 56	0 28	3 49	2 22	22 38	0 29	22 37	0 50	21 33	0 32	5 54	1 42	2 20	15 16	23 5	23 2	14 54	3 44	2 43
W21	23 27	18 52	2 49	24 53	2 12	23 57	0 31	3 40	2 23	22 38	0 29	22 37	0 50	21 34	0 32	5 53	1 42	2 20	15 16	23 5	23 2	14 56	3 44	2 43
T 22	23 27	21 42	1 33	24 41	2 11	23 58	0 33	3 31	2 24	22 37	0 28	22 37	0 50	21 34	0 32	5 53	1 42	2 20	15 15	23 5	23 2	14 58	3 44	2 42
F 23	23 27	23 1	0 12	24 27	2 9	23 58	0 35	3 23	2 25	22 37	0 28	22 37	0 50	21 34	0 32	5 53	1 42	2 20	15 15	23 5	23 2	15 1	3 44	2 42
S 24	23 26	22 44	1s 8	24 12	2 6	23 57	0 37	3 14	2 26	22 37	0 28	22 37	0 50	21 35	0 32	5 53	1 42	2 20	15 15	23 5	23 3	15 3	3 44	2 42
S 25	23 25	20 57	2 22	23 56	2 2	23 55	0 39	3 6	2 27	22 36	0 28	22 37	0 50	21 35	0 32	5 53	1 42	2 20	15 15	23 5	23 3	15 5	3 44	2 42
M26	23 24	17 58	3 26	23 38	1 58	23 53	0 42	2 58	2 28	22 36	0 28	22 37	0 50	21 36	0 32	5 53	1 42	2 20	15 14	23 5	23 3	15 7	3 44	2 41
T 27	23 21	14 7	4 16	23 19	1 53	23 50	0 44	2 49	2 29	22 35	0 28	22 37	0 50	21 36	0 32	5 53	1 42	2 20	15 14	23 5	23 3	15 9	3 44	2 41
W28	23 19	9 44	4 52	22 59	1 47	23 46	0 46	2 42	2 30	22 35	0 27	22 37	0 50	21 37	0 32	5 53	1 42	2 20	15 14	23 5	23 4	15 12	3 44	2 41
T 29	23 16	5 3	5 12	22 38	1 40	23 42	0 48	2 34	2 31	22 34	0 27	22 37	0 50	21 37	0 32	5 53	1 42	2 20	15 14	23 5	23 4	15 14	3 45	2 41
F 30	23 12	0 17	5 18	22 15	1 32	23 37	0 50	2 26	2 33	22 34	0 27	22 37	0 50	21 38	0 32	5 53	1 41	2 20	15 13	23 5	23 4	15 16	3 45	2 41
S 31	23s 8	4n24	5s 9	21s52	1s24	23s31	0s52	2n19	2n34	22n34	0s27	22s37	0n50	21n38	0n32	5n53	1s41	2n20	15s13	23n 5	23n 4	15n18	3n45	2n40

Julian Day Number = 2404397.5, Delta T = 1.41 sec
Ecliptic obliquity = 23°27'20, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°56'16, Lahiri = 22°03'16

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1871
geocentric

JANUARY 1871 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 40 49	10♑11'03	5♉33	29♑30	15♑52	0♎27	18°R59	2♑ 0	25°R 9	19♈ 1	17°R 8	10°D 0	10♋ 2	24♉30	3♈16	S 1
M 2	6 44 45	11°12'12	17°23	0♒34	17° 7	0°48	18♊52	2° 7	25♋ 7	19° 1	17♉ 7	10♋ 0	9°59	24°37	3°17	M 2
T 3	6 48 42	12°13'21	29°13	1°33	18°22	1° 9	18°45	2°14	25° 4	19° 1	17° 7	10° 0	9°56	24°44	3°18	T 3
W 4	6 52 38	13°14'30	11♊ 6	2°25	19°38	1°29	18°38	2°21	25° 2	19° 2	17° 6	10° 1	9°53	24°50	3°19	W 4
T 5	6 56 35	14°15'38	23° 5	3° 9	20°53	1°48	18°32	2°28	24°59	19° 2	17° 6	10° 1	9°50	24°57	3°21	T 5
F 6	7 0 32	15°16'46	5♋13	3°46	22° 9	2° 8	18°25	2°35	24°57	19° 2	17° 5	10°R 1	9°46	25° 4	3°22	F 6
S 7	7 4 28	16°17'54	17°32	4°13	23°24	2°27	18°19	2°42	24°54	19° 2	17° 5	10° 1	9°43	25°10	3°23	S 7
S 8	7 8 25	17°19'02	0♌ 2	4°30	24°40	2°45	18°13	2°49	24°51	19° 2	17° 4	10° 1	9°40	25°17	3°24	S 8
M 9	7 12 21	18°20'10	12°45	4°R37	25°55	3° 3	18° 6	2°56	24°49	19° 3	17° 4	10° 0	9°37	25°24	3°26	M 9
T 10	7 16 18	19°21'17	25°41	4°32	27°10	3°21	18° 0	3° 3	24°46	19° 3	17° 3	9°59	9°34	25°30	3°27	T 10
W11	7 20 14	20°22'24	8♍50	4°15	28°26	3°39	17°55	3°10	24°44	19° 4	17° 3	9°57	9°31	25°37	3°29	W11
T 12	7 24 11	21°23'31	22°13	3°47	29°41	3°56	17°49	3°17	24°41	19° 4	17° 2	9°56	9°27	25°44	3°30	T 12
F 13	7 28 7	22°24'38	5♎50	3° 7	0♒56	4°12	17°43	3°24	24°38	19° 4	17° 2	9°55	9°24	25°50	3°32	F 13
S 14	7 32 4	23°25'44	19°41	2°16	2°12	4°28	17°38	3°30	24°36	19° 5	17° 1	9°D54	9°21	25°57	3°34	S 14
S 15	7 36 1	24°26'51	3♏44	1°16	3°27	4°44	17°33	3°37	24°33	19° 5	17° 1	9°55	9°18	26° 4	3°35	S 15
M16	7 39 57	25°27'57	17°59	0° 8	4°42	4°59	17°28	3°44	24°31	19° 6	17° 1	9°55	9°15	26°10	3°37	M16
T 17	7 43 54	26°29'04	2♐24	28♑55	5°58	5°13	17°23	3°51	24°28	19° 7	17° 0	9°56	9°12	26°17	3°39	T 17
W18	7 47 50	27°30'09	16°55	27°38	7°13	5°27	17°18	3°57	24°25	19° 7	17° 0	9°58	9° 8	26°24	3°41	W18
T 19	7 51 47	28°31'15	1♑28	26°20	8°28	5°41	17°14	4° 4	24°23	19° 8	17° 0	9°59	9° 5	26°30	3°42	T 19
F 20	7 55 43	29°32'20	15°56	25° 4	9°44	5°54	17°10	4°11	24°20	19° 9	17° 0	9°R59	9° 2	26°37	3°44	F 20
S 21	7 59 40	0♒33'24	0♒16	23°51	10°59	6° 6	17° 5	4°17	24°18	19° 9	16°59	9°58	8°59	26°44	3°46	S 21
S 22	8 3 36	1°34'28	14°20	22°43	12°14	6°18	17° 1	4°24	24°15	19°10	16°59	9°56	8°56	26°51	3°48	S 22
M23	8 7 33	2°35'31	28° 6	21°42	13°30	6°30	16°58	4°31	24°12	19°11	16°59	9°52	8°52	26°57	3°50	M23
T 24	8 11 30	3°36'32	11♓30	20°50	14°45	6°41	16°54	4°37	24°10	19°12	16°59	9°49	8°49	27° 4	3°53	T 24
W25	8 15 26	4°37'33	24°31	20° 5	16° 0	6°51	16°51	4°44	24° 7	19°13	16°59	9°45	8°46	27°11	3°55	W25
T 26	8 19 23	5°38'33	7♈11	19°30	17°15	7° 1	16°48	4°50	24° 5	19°13	16°59	9°41	8°43	27°17	3°57	T 26
F 27	8 23 19	6°39'31	19°32	19° 3	18°31	7°10	16°45	4°56	24° 2	19°14	16°59	9°39	8°40	27°24	3°59	F 27
S 28	8 27 16	7°40'28	1♉38	18°46	19°46	7°18	16°42	5° 3	24° 0	19°15	16°58	9°37	8°37	27°31	4° 2	S 28
S 29	8 31 12	8°41'24	13°34	18°37	21° 1	7°26	16°39	5° 9	23°57	19°16	16°58	9°D37	8°33	27°37	4° 4	S 29
M30	8 35 9	9°42'19	25°24	18°D35	22°16	7°33	16°37	5°15	23°55	19°17	16°58	9°38	8°30	27°44	4° 6	M30
T 31	8 39 5	10♒43'13	7♊14	18♑42	23♒31	7♎40	16♊35	5♑22	23♋52	19♈18	16°D58	9♋40	8♋27	27♉51	4♈ 9	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 4	8n52	4s47	21s28	1s14	23s24	0s54	2n11	2n35	22n33	0s27	22s37	0n50	21n39	0n32	5n53	1s41	2n20	15s13	23n 5	23n 5	15n20	3n45	2n40
M 2	22 59	12 59	4 13	21 4	1 3	23 17	0 56	2 4	2 36	22 33	0 27	22 37	0 50	21 39	0 32	5 53	1 41	2 20	15 12	23 5	23 5	15 23	3 45	2 40
T 3	22 54	16 37	3 28	20 40	0 52	23 9	0 58	1 57	2 37	22 32	0 26	22 37	0 50	21 40	0 32	5 54	1 41	2 20	15 12	23 5	23 5	15 25	3 45	2 40
W 4	22 48	19 35	2 34	20 16	0 39	23 0	0 59	1 50	2 38	22 32	0 26	22 37	0 50	21 40	0 32	5 54	1 41	2 21	15 12	23 5	23 5	15 27	3 46	2 40
T 5	22 41	21 44	1 33	19 52	0 25	22 50	1 1	1 43	2 39	22 32	0 26	22 36	0 49	21 40	0 32	5 54	1 41	2 21	15 12	23 5	23 5	15 29	3 46	2 39
F 6	22 35	22 55	0 27	19 29	0 10	22 40	1 3	1 37	2 41	22 31	0 26	22 36	0 49	21 41	0 32	5 54	1 41	2 21	15 11	23 5	23 6	15 31	3 46	2 39
S 7	22 28	23 0	0n42	19 7	0n 6	22 29	1 5	1 30	2 42	22 31	0 26	22 36	0 49	21 41	0 32	5 54	1 41	2 21	15 11	23 5	23 6	15 34	3 47	2 39
S 8	22 20	21 56	1 49	18 46	0 23	22 18	1 6	1 24	2 43	22 31	0 25	22 36	0 49	21 42	0 32	5 54	1 41	2 21	15 11	23 5	23 6	15 36	3 47	2 39
M 9	22 12	19 44	2 52	18 27	0 41	22 5	1 8	1 18	2 44	22 30	0 25	22 36	0 49	21 42	0 32	5 54	1 41	2 21	15 10	23 5	23 6	15 38	3 47	2 38
T 10	22 3	16 32	3 47	18 11	1 0	21 52	1 9	1 12	2 45	22 30	0 25	22 36	0 49	21 43	0 32	5 55	1 41	2 22	15 10	23 5	23 7	15 40	3 48	2 38
W11	21 55	12 27	4 31	17 56	1 18	21 39	1 11	1 6	2 47	22 29	0 25	22 36	0 49	21 43	0 32	5 55	1 41	2 22	15 10	23 5	23 7	15 42	3 48	2 38
T 12	21 45	7 42	5 2	17 45	1 37	21 25	1 12	1 0	2 48	22 29	0 25	22 36	0 49	21 44	0 32	5 55	1 41	2 22	15 9	23 5	23 7	15 45	3 48	2 38
F 13	21 35	2 31	5 16	17 36	1 56	21 10	1 14	0 55	2 49	22 29	0 25	22 36	0 49	21 44	0 32	5 55	1 41	2 22	15 9	23 5	23 7	15 47	3 49	2 38
S 14	21 25	2s53	5 12	17 30	2 14	20 54	1 15	0 50	2 50	22 29	0 24	22 36	0 49	21 45	0 32	5 55	1 41	2 22	15 9	23 5	23 8	15 49	3 49	2 37
S 15	21 15	8 13	4 50	17 26	2 31	20 38	1 16	0 45	2 52	22 28	0 24	22 35	0 49	21 45	0 32	5 56	1 41	2 23	15 9	23 5	23 8	15 51	3 50	2 37
M16	21 4	13 12	4 10	17 26	2 46	20 21	1 18	0 40	2 53	22 28	0 24	22 35	0 49	21 46	0 32	5 56	1 41	2 23	15 8	23 5	23 8	15 53	3 50	2 37
T 17	20 52	17 30	3 13	17 28	3 0	20 4	1 19	0 35	2 54	22 28	0 24	22 35	0 49	21 46	0 32	5 56	1 40	2 23	15 8	23 5	23 8	15 55	3 51	2 37
W18	20 40	20 45	2 4	17 32	3 11	19 46	1 20	0 31	2 55	22 27	0 24	22 35	0 49	21 47	0 32	5 57	1 40	2 23	15 8	23 5	23 8	15 58	3 51	2 37
T 19	20 28	22 40	0 47	17 37	3 20	19 28	1 21	0 27	2 57	22 27	0 23	22 35	0 49	21 47	0 32	5 57	1 40	2 23	15 7	23 5	23 9	16 0	3 52	2 36
F 20	20 16	23 3	0s33	17 45	3 26	19 9	1 22	0 23	2 58	22 27	0 23	22 35	0 49	21 48	0 32	5 57	1 40	2 24	15 7	23 5	23 9	16 2	3 53	2 36
S 21	20 3	21 54	1 50	17 54	3 30	18 49	1 23	0 19	2 59	22 27	0 23	22 34	0 49	21 48	0 32	5 57	1 40	2 24	15 7	23 5	23 9	16 4	3 53	2 36
S 22	19 49	19 23	2 58	18 3	3 32	18 29	1 24	0 15	3 0	22 27	0 23	22 34	0 49	21 49	0 32	5 58	1 40	2 24	15 6	23 5	23 9	16 6	3 54	2 36
M23	19 36	15 49	3 55	18 14	3 31	18 8	1 25	0 12	3 2	22 26	0 23	22 34	0 49	21 49	0 32	5 58	1 40	2 24	15 6	23 5	23 9	16 8	3 55	2 36
T 24	19 22	11 31	4 37	18 25	3 28	17 47	1 26	0 9	3 3	22 26	0 22	22 34	0 49	21 49	0 32	5 58	1 40	2 25	15 6	23 6	23 10	16 10	3 55	2 35
W25	19 7	6 49	5 3	18 36	3 23	17 25	1 26	0 6	3 4	22 26	0 22	22 34	0 49	21 50	0 32	5 59	1 40	2 25	15 5	23 6	23 10	16 13	3 56	2 35
T 26	18 52	1 57	5 14	18 47	3 17	17 3	1 27	0 3	3 6	22 26	0 22	22 33	0 49	21 50	0 32	5 59	1 40	2 25	15 5	23 6	23 10	16 15	3 57	2 35
F 27	18 37	2n52	5 9	18 58	3 10	16 41	1 28	0 1	3 7	22 26	0 22	22 33	0 49	21 51	0 32	6 0	1 40	2 26	15 5	23 6	23 10	16 17	3 57	2 35
S 28	18 22	7 29	4 51	19 9	3 1	16 17	1 28	0s 1	3 8	22 26	0 22	22 33	0 49	21 51	0 32	6 0	1 40	2 26	15 4	23 6	23 11	16 19	3 58	2 35
S 29	18 6	11 46	4 21	19 20	2 52	15 54	1 29	0 3	3 9	22 26	0 21	22 33	0 49	21 52	0 32	6 0	1 40	2 26	15 4	23 6	23 11	16 21	3 59	2 35
M30	17 50	15 34	3 39	19 30	2 41	15 30	1 29	0 5	3 11	22 26	0 21	22 33	0 49	21 52	0 32	6 1	1 40	2 27	15 4	23 6	23 11	16 23	4 0	2 34
T 31	17s34	18n46	2s49	19s40	2n31	15s 6	1s29	0s 6	3n12	22n26	0s21	22s32	0n48	21n53	0n32	6n 1	1s40	2n27	15s 3	23n 6	23n11	16n25	4n 0	2n34

Julian Day Number = 2404428.5, Delta T = 1.33 sec
Ecliptic obliquity = 23°27'20, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°56'20, Lahiri = 22°03'20

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ASTRODIENST EPHEMERIS for the year 1871
geocentric

FEBRUARY 1871 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 43 2	11♒44'05	19♊ 8	18♑55	24♒46	7♎46	16°R33	5♑28	23°R50	19♈19	16♉58	9♋42	8♋24	27♉57	4♈11	W 1
T 2	8 46 59	12°44'56	1♋12	19°15	26° 2	7°51	16♊31	5°34	23♋47	19°21	16°58	9°43	8°21	28° 4	4°14	T 2
F 3	8 50 55	13°45'46	13°27	19°41	27°17	7°56	16°29	5°40	23°45	19°22	16°58	9°R44	8°18	28°11	4°16	F 3
S 4	8 54 52	14°46'34	25°58	20°12	28°32	8° 0	16°28	5°46	23°42	19°23	16°59	9°42	8°14	28°17	4°19	S 4
S 5	8 58 48	15°47'21	8♌46	20°49	29°47	8° 3	16°27	5°52	23°40	19°24	16°59	9°39	8°11	28°24	4°21	S 5
M 6	9 2 45	16°48'07	21°51	21°30	1♓ 2	8° 6	16°26	5°58	23°38	19°25	16°59	9°35	8° 8	28°31	4°24	M 6
T 7	9 6 41	17°48'51	5♍12	22°15	2°17	8° 8	16°25	6° 4	23°35	19°27	16°59	9°28	8° 5	28°37	4°27	T 7
W 8	9 10 38	18°49'34	18°48	23° 4	3°32	8° 9	16°25	6°10	23°33	19°28	16°59	9°22	8° 2	28°44	4°29	W 8
T 9	9 14 34	19°50'16	2♎36	23°56	4°47	8°R 9	16°24	6°16	23°31	19°29	16°59	9°15	7°58	28°51	4°32	T 9
F 10	9 18 31	20°50'57	16°32	24°52	6° 2	8° 9	16°D24	6°21	23°29	19°31	16°59	9° 9	7°55	28°57	4°35	F 10
S 11	9 22 28	21°51'37	0♏34	25°51	7°17	8° 8	16°24	6°27	23°26	19°32	17° 0	9° 6	7°52	29° 4	4°38	S 11
S 12	9 26 24	22°52'16	14°40	26°52	8°32	8° 6	16°24	6°33	23°24	19°33	17° 0	9° 4	7°49	29°11	4°41	S 12
M13	9 30 21	23°52'53	28°48	27°56	9°46	8° 4	16°25	6°38	23°22	19°35	17° 0	9°D 3	7°46	29°17	4°44	M13
T 14	9 34 17	24°53'30	12♐56	29° 2	11° 1	8° 0	16°25	6°44	23°20	19°36	17° 1	9° 4	7°43	29°24	4°47	T 14
W15	9 38 14	25°54'05	27° 3	0♒11	12°16	7°56	16°26	6°49	23°18	19°38	17° 1	9° 6	7°39	29°31	4°50	W15
T 16	9 42 10	26°54'39	11♑ 8	1°21	13°31	7°51	16°27	6°55	23°16	19°39	17° 1	9°R 6	7°36	29°37	4°53	T 16
F 17	9 46 7	27°55'12	25° 8	2°33	14°46	7°46	16°28	7° 0	23°14	19°41	17° 2	9° 5	7°33	29°44	4°56	F 17
S 18	9 50 3	28°55'44	9♒ 1	3°48	16° 1	7°39	16°30	7° 5	23°12	19°42	17° 2	9° 1	7°30	29°51	4°59	S 18
S 19	9 54 0	29°56'14	22°44	5° 3	17°15	7°32	16°32	7°10	23°10	19°44	17° 2	8°55	7°27	29°58	5° 2	S 19
M20	9 57 57	0♓56'42	6♓13	6°21	18°30	7°24	16°33	7°15	23° 8	19°46	17° 3	8°47	7°24	0♊ 4	5° 5	M20
T 21	10 1 53	1°57'09	19°26	7°39	19°45	7°15	16°35	7°21	23° 6	19°47	17° 3	8°38	7°20	0°11	5° 8	T 21
W22	10 5 50	2°57'34	2♈21	9° 0	20°59	7° 6	16°38	7°26	23° 4	19°49	17° 4	8°27	7°17	0°18	5°11	W22
T 23	10 9 46	3°57'57	14°58	10°21	22°14	6°55	16°40	7°30	23° 2	19°51	17° 4	8°18	7°14	0°24	5°14	T 23
F 24	10 13 43	4°58'18	27°19	11°44	23°29	6°44	16°43	7°35	23° 1	19°52	17° 5	8°10	7°11	0°31	5°18	F 24
S 25	10 17 39	5°58'37	9♉25	13° 8	24°43	6°32	16°46	7°40	22°59	19°54	17° 5	8° 4	7° 8	0°38	5°21	S 25
S 26	10 21 36	6°58'55	21°21	14°34	25°58	6°19	16°49	7°45	22°57	19°56	17° 6	8° 0	7° 4	0°44	5°24	S 26
M27	10 25 32	7°59'10	3♊12	16° 1	27°12	6° 6	16°52	7°50	22°56	19°58	17° 6	7°D59	7° 1	0°51	5°27	M27
T 28	10 29 29	8♓59'23	15♊ 1	17♒28	28♓27	5♎52	16♊55	7♑54	22♋54	19♈59	17♉ 7	7♋59	6♋58	0♊58	5♈31	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s17	21n11	1s50	19s49	2n20	14s41	1s30	0s 7	3n13	22n26	0s21	22s32	0n48	21n53	0n32	6n 2	1s40	2n27	15s 3	23n 6	23n11	16n28	4n 1	2n34
T 2	17 0	22 40	0 47	19 57	2 9	14 15	1 30	0 8	3 14	22 26	0 21	22 32	0 48	21 53	0 32	6 2	1 40	2 28	15 3	23 6	23 12	16 30	4 2	2 34
F 3	16 42	23 7	0n20	20 4	1 57	13 50	1 30	0 9	3 16	22 26	0 21	22 32	0 48	21 54	0 32	6 3	1 40	2 28	15 2	23 6	23 12	16 32	4 3	2 34
S 4	16 25	22 24	1 28	20 11	1 46	13 24	1 30	0 9	3 17	22 26	0 20	22 31	0 48	21 54	0 32	6 3	1 40	2 28	15 2	23 6	23 12	16 34	4 4	2 33
S 5	16 7	20 31	2 32	20 17	1 35	12 58	1 30	0 10	3 18	22 26	0 20	22 31	0 48	21 55	0 32	6 4	1 40	2 29	15 2	23 6	23 12	16 36	4 5	2 33
M 6	15 49	17 32	3 29	20 22	1 23	12 31	1 30	0 10	3 19	22 26	0 20	22 31	0 48	21 55	0 32	6 4	1 39	2 29	15 1	23 7	23 12	16 38	4 6	2 33
T 7	15 30	13 35	4 16	20 26	1 12	12 4	1 30	0 9	3 21	22 26	0 20	22 31	0 48	21 55	0 32	6 5	1 39	2 29	15 1	23 7	23 13	16 40	4 6	2 33
W 8	15 11	8 53	4 50	20 29	1 1	11 37	1 29	0 9	3 22	22 26	0 20	22 30	0 48	21 56	0 32	6 5	1 39	2 30	15 1	23 8	23 13	16 42	4 7	2 33
T 9	14 53	3 40	5 7	20 30	0 50	11 9	1 29	0 8	3 23	22 26	0 19	22 30	0 48	21 56	0 32	6 6	1 39	2 30	15 0	23 8	23 13	16 44	4 8	2 33
F 10	14 33	1s47	5 7	20 31	0 40	10 41	1 29	0 6	3 24	22 27	0 19	22 30	0 48	21 57	0 32	6 6	1 39	2 30	15 0	23 8	23 13	16 47	4 9	2 32
S 11	14 14	7 10	4 48	20 30	0 30	10 13	1 28	0 5	3 25	22 27	0 19	22 30	0 48	21 57	0 32	6 7	1 39	2 31	15 0	23 9	23 13	16 49	4 10	2 32
S 12	13 54	12 14	4 12	20 29	0 19	9 44	1 28	0 3	3 26	22 27	0 19	22 29	0 48	21 57	0 32	6 8	1 39	2 31	14 59	23 9	23 14	16 51	4 11	2 32
M13	13 34	16 39	3 20	20 26	0 10	9 16	1 27	0 1	3 28	22 27	0 19	22 29	0 48	21 58	0 32	6 8	1 39	2 32	14 59	23 9	23 14	16 53	4 12	2 32
T 14	13 14	20 6	2 17	20 22	0s 0	8 47	1 27	0n 1	3 29	22 27	0 18	22 29	0 48	21 58	0 32	6 9	1 39	2 32	14 59	23 9	23 14	16 55	4 13	2 32
W15	12 54	22 21	1 5	20 17	0 9	8 17	1 26	0 4	3 30	22 28	0 18	22 29	0 48	21 58	0 32	6 9	1 39	2 32	14 58	23 9	23 14	16 57	4 14	2 32
T 16	12 33	23 10	0s11	20 10	0 18	7 48	1 25	0 6	3 31	22 28	0 18	22 28	0 48	21 59	0 32	6 10	1 39	2 33	14 58	23 9	23 14	16 59	4 15	2 32
F 17	12 12	22 31	1 25	20 3	0 27	7 18	1 25	0 10	3 32	22 28	0 18	22 28	0 48	21 59	0 32	6 11	1 39	2 33	14 58	23 9	23 14	17 1	4 16	2 31
S 18	11 51	20 29	2 34	19 54	0 36	6 49	1 24	0 13	3 33	22 29	0 18	22 28	0 48	21 59	0 32	6 11	1 39	2 34	14 57	23 9	23 15	17 3	4 18	2 31
S 19	11 30	17 18	3 33	19 43	0 44	6 19	1 23	0 17	3 34	22 29	0 18	22 28	0 48	22 0	0 32	6 12	1 39	2 34	14 57	23 9	23 15	17 5	4 19	2 31
M20	11 9	13 14	4 18	19 32	0 51	5 48	1 22	0 21	3 34	22 29	0 17	22 27	0 48	22 0	0 32	6 12	1 39	2 34	14 57	23 10	23 15	17 7	4 20	2 31
T 21	10 47	8 37	4 49	19 19	0 59	5 18	1 21	0 25	3 35	22 30	0 17	22 27	0 48	22 0	0 32	6 13	1 39	2 35	14 56	23 10	23 15	17 9	4 21	2 31
W22	10 26	3 43	5 4	19 5	1 6	4 48	1 20	0 29	3 36	22 30	0 17	22 27	0 48	22 1	0 32	6 14	1 39	2 35	14 56	23 11	23 15	17 12	4 22	2 31
T 23	10 4	1n14	5 3	18 50	1 13	4 17	1 18	0 34	3 37	22 31	0 17	22 27	0 48	22 1	0 32	6 14	1 39	2 36	14 56	23 12	23 15	17 14	4 23	2 31
F 24	9 42	6 2	4 49	18 33	1 19	3 46	1 17	0 39	3 38	22 31	0 17	22 26	0 48	22 1	0 32	6 15	1 39	2 36	14 55	23 12	23 16	17 16	4 24	2 30
S 25	9 20	10 30	4 21	18 15	1 25	3 16	1 16	0 45	3 38	22 31	0 16	22 26	0 48	22 1	0 32	6 16	1 39	2 37	14 55	23 13	23 16	17 18	4 25	2 30
S 26	8 57	14 32	3 43	17 56	1 31	2 45	1 14	0 50	3 39	22 32	0 16	22 26	0 48	22 2	0 32	6 16	1 39	2 37	14 55	23 13	23 16	17 20	4 27	2 30
M27	8 35	17 57	2 55	17 35	1 37	2 14	1 13	0 56	3 39	22 32	0 16	22 25	0 48	22 2	0 32	6 17	1 39	2 38	14 54	23 13	23 16	17 22	4 28	2 30
T 28	8s12	20n38	2s 0	17s13	1s42	1s43	1s12	1n 2	3n40	22n33	0s16	22s25	0n48	22n 2	0n32	6n18	1s39	2n38	14s54	23n13	23n16	17n24	4n29	2n30

Julian Day Number = 2404459.5, Delta T = 1.26 sec
Ecliptic obliquity = 23°27'20, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°56'24, Lahiri = 22°03'25

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ASTRODIENST EPHEMERIS for the year 1871
geocentric

MARCH 1871 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 33 26	9♓59'35	26♊55	18♒57	29♓41	5°R37	16♊59	7♉59	22°R52	20♈ 1	17♉ 7	7♋59	6♋55	1♊ 4	5♈34	W 1
T 2	10 37 22	10°59'44	8♋59	20°28	0♈56	5♎21	17° 2	8° 3	22♋51	20° 3	17° 8	8°R 0	6°52	1°11	5°37	T 2
F 3	10 41 19	11°59'51	21°18	21°59	2°10	5° 5	17° 6	8° 7	22°49	20° 5	17° 9	7°59	6°49	1°18	5°41	F 3
S 4	10 45 15	12°59'57	3♌56	23°31	3°25	4°48	17°10	8°12	22°48	20° 7	17° 9	7°56	6°45	1°24	5°44	S 4
S 5	10 49 12	14° 0'00	16°55	25° 5	4°39	4°31	17°15	8°16	22°47	20° 9	17°10	7°50	6°42	1°31	5°48	S 5
M 6	10 53 8	15° 0'01	0♍18	26°40	5°53	4°13	17°19	8°20	22°45	20°11	17°11	7°42	6°39	1°38	5°51	M 6
T 7	10 57 5	16° 0'00	14° 2	28°15	7° 7	3°54	17°24	8°24	22°44	20°12	17°12	7°32	6°36	1°44	5°54	T 7
W 8	11 1 1	16°59'57	28° 5	29°52	8°22	3°35	17°29	8°28	22°43	20°14	17°12	7°21	6°33	1°51	5°58	W 8
T 9	11 4 58	17°59'52	12♎21	1♓30	9°36	3°15	17°34	8°32	22°42	20°16	17°13	7° 9	6°29	1°58	6° 1	T 9
F 10	11 8 54	18°59'46	26°45	3°10	10°50	2°54	17°39	8°36	22°41	20°18	17°14	7° 0	6°26	2° 4	6° 5	F 10
S 11	11 12 51	19°59'38	11♏10	4°50	12° 4	2°34	17°44	8°39	22°39	20°20	17°15	6°52	6°23	2°11	6° 8	S 11
S 12	11 16 48	20°59'28	25°32	6°32	13°18	2°12	17°50	8°43	22°38	20°22	17°15	6°48	6°20	2°18	6°12	S 12
M13	11 20 44	21°59'16	9♐47	8°14	14°32	1°51	17°55	8°47	22°37	20°24	17°16	6°45	6°17	2°24	6°15	M13
T 14	11 24 41	22°59'03	23°53	9°58	15°46	1°29	18° 1	8°50	22°37	20°26	17°17	6°D45	6°14	2°31	6°19	T 14
W15	11 28 37	23°58'48	7♑50	11°43	17° 0	1° 6	18° 7	8°54	22°36	20°29	17°18	6°R45	6°10	2°38	6°23	W15
T 16	11 32 34	24°58'32	21°36	13°30	18°14	0°44	18°13	8°57	22°35	20°31	17°19	6°44	6° 7	2°44	6°26	T 16
F 17	11 36 30	25°58'14	5♒14	15°17	19°28	0°21	18°20	9° 0	22°34	20°33	17°20	6°42	6° 4	2°51	6°30	F 17
S 18	11 40 27	26°57'54	18°41	17° 6	20°42	29♍58	18°26	9° 3	22°33	20°35	17°21	6°36	6° 1	2°58	6°33	S 18
S 19	11 44 23	27°57'32	1♓58	18°56	21°55	29°34	18°33	9° 6	22°33	20°37	17°22	6°28	5°58	3° 4	6°37	S 19
M20	11 48 20	28°57'08	15° 5	20°47	23° 9	29°11	18°39	9° 9	22°32	20°39	17°22	6°17	5°55	3°11	6°40	M20
T 21	11 52 17	29°56'42	27°59	22°40	24°23	28°47	18°46	9°12	22°31	20°41	17°23	6° 4	5°51	3°18	6°44	T 21
W22	11 56 13	0♈56'15	10♈39	24°34	25°37	28°24	18°53	9°15	22°31	20°43	17°24	5°50	5°48	3°24	6°48	W22
T 23	12 0 10	1°55'45	23° 7	26°29	26°50	28° 0	19° 1	9°17	22°30	20°46	17°25	5°37	5°45	3°31	6°51	T 23
F 24	12 4 6	2°55'13	5♉21	28°25	28° 4	27°37	19° 8	9°20	22°30	20°48	17°26	5°25	5°42	3°38	6°55	F 24
S 25	12 8 3	3°54'39	17°24	0♈22	29°17	27°14	19°15	9°23	22°30	20°50	17°27	5°15	5°39	3°44	6°59	S 25
S 26	12 11 59	4°54'02	29°18	2°21	0♉31	26°51	19°23	9°25	22°29	20°52	17°28	5° 9	5°35	3°51	7° 2	S 26
M27	12 15 56	5°53'24	11♊ 6	4°20	1°44	26°28	19°31	9°27	22°29	20°54	17°29	5° 5	5°32	3°58	7° 6	M27
T 28	12 19 52	6°52'43	22°54	6°21	2°58	26° 5	19°39	9°29	22°29	20°56	17°31	5° 4	5°29	4° 4	7° 9	T 28
W29	12 23 49	7°52'00	4♋47	8°23	4°11	25°43	19°47	9°32	22°29	20°59	17°32	5° 3	5°26	4°11	7°13	W29
T 30	12 27 46	8°51'15	16°49	10°25	5°25	25°21	19°55	9°34	22°29	21° 1	17°33	5° 3	5°23	4°18	7°17	T 30
F 31	12 31 42	9♈50'27	29♋ 7	12♈28	6♉38	24♍59	20♊ 3	9♑36	22°D29	21♈ 3	17♉34	5♋ 2	5♋20	4♊24	7♈20	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s50	22n26	0s59	16s50	1s47	1s12	1s10	1n 8	3n40	22n33	0s16	22s25	0n48	22n 2	0n32	6n19	1s39	2n38	14s54	23n13	23n17	17n26	4n30	2n30
T 2	7 27	23 14	0n 5	16 26	1 51	0 40	1 8	1 15	3 41	22 34	0 16	22 25	0 48	22 3	0 32	6 19	1 39	2 39	14 53	23 13	23 17	17 28	4 31	2 30
F 3	7 4	22 56	1 10	16 0	1 55	0 9	1 7	1 21	3 41	22 34	0 15	22 24	0 48	22 3	0 32	6 20	1 38	2 39	14 53	23 13	23 17	17 30	4 33	2 30
S 4	6 41	21 27	2 14	15 33	1 58	0n22	1 5	1 28	3 41	22 35	0 15	22 24	0 48	22 3	0 32	6 21	1 38	2 40	14 53	23 13	23 17	17 32	4 34	2 29
S 5	6 18	18 49	3 12	15 5	2 2	0 53	1 3	1 35	3 41	22 36	0 15	22 24	0 48	22 3	0 32	6 22	1 38	2 40	14 53	23 13	23 17	17 34	4 35	2 29
M 6	5 55	15 8	4 1	14 35	2 5	1 24	1 1	1 43	3 41	22 36	0 15	22 24	0 48	22 4	0 32	6 22	1 38	2 41	14 52	23 14	23 17	17 36	4 36	2 29
T 7	5 32	10 33	4 37	14 4	2 7	1 55	0 59	1 50	3 41	22 37	0 15	22 23	0 48	22 4	0 32	6 23	1 38	2 41	14 52	23 15	23 17	17 38	4 38	2 29
W 8	5 8	5 19	4 58	13 32	2 9	2 26	0 57	1 58	3 41	22 37	0 15	22 23	0 48	22 4	0 32	6 24	1 38	2 42	14 52	23 15	23 18	17 40	4 39	2 29
T 9	4 45	0s16	5 1	12 59	2 11	2 57	0 55	2 5	3 41	22 38	0 14	22 23	0 48	22 4	0 32	6 25	1 38	2 42	14 51	23 16	23 18	17 42	4 40	2 29
F 10	4 21	5 54	4 44	12 24	2 12	3 28	0 53	2 13	3 41	22 39	0 14	22 23	0 48	22 4	0 32	6 25	1 38	2 43	14 51	23 16	23 18	17 44	4 42	2 29
S 11	3 58	11 14	4 10	11 48	2 13	3 59	0 51	2 21	3 40	22 39	0 14	22 22	0 48	22 4	0 32	6 26	1 38	2 43	14 51	23 17	23 18	17 46	4 43	2 29
S 12	3 34	15 55	3 20	11 11	2 13	4 30	0 49	2 29	3 40	22 40	0 14	22 22	0 48	22 5	0 32	6 27	1 38	2 44	14 51	23 17	23 18	17 48	4 44	2 29
M13	3 11	19 40	2 18	10 32	2 13	5 1	0 47	2 37	3 39	22 41	0 14	22 22	0 48	22 5	0 32	6 28	1 38	2 44	14 50	23 17	23 18	17 50	4 45	2 28
T 14	2 47	22 11	1 8	9 53	2 12	5 31	0 45	2 45	3 39	22 41	0 14	22 22	0 48	22 5	0 32	6 28	1 38	2 45	14 50	23 17	23 19	17 52	4 47	2 28
W15	2 24	23 19	0s 6	9 12	2 11	6 2	0 42	2 54	3 38	22 42	0 13	22 21	0 48	22 5	0 32	6 29	1 38	2 45	14 50	23 17	23 19	17 54	4 48	2 28
T 16	2 0	23 0	1 18	8 29	2 10	6 32	0 40	3 2	3 37	22 43	0 13	22 21	0 48	22 5	0 32	6 30	1 38	2 46	14 49	23 17	23 19	17 56	4 49	2 28
F 17	1 36	21 19	2 25	7 46	2 8	7 3	0 37	3 10	3 36	22 43	0 13	22 21	0 48	22 5	0 32	6 31	1 38	2 46	14 49	23 17	23 19	17 58	4 51	2 28
S 18	1 12	18 26	3 22	7 1	2 5	7 33	0 35	3 19	3 35	22 44	0 13	22 21	0 48	22 5	0 32	6 32	1 38	2 47	14 49	23 17	23 19	18 0	4 52	2 28
S 19	0 49	14 38	4 8	6 16	2 2	8 3	0 33	3 27	3 34	22 45	0 13	22 21	0 48	22 5	0 32	6 32	1 38	2 47	14 49	23 18	23 19	18 2	4 53	2 28
M20	0 25	10 11	4 40	5 29	1 59	8 32	0 30	3 35	3 33	22 46	0 13	22 20	0 48	22 6	0 32	6 33	1 38	2 47	14 48	23 18	23 19	18 4	4 55	2 28
T 21	0 1	5 21	4 57	4 40	1 55	9 2	0 28	3 43	3 32	22 46	0 13	22 20	0 48	22 6	0 32	6 34	1 38	2 48	14 48	23 19	23 20	18 6	4 56	2 28
W22	0n22	0 22	4 59	3 51	1 51	9 31	0 25	3 51	3 31	22 47	0 12	22 20	0 48	22 6	0 32	6 35	1 38	2 48	14 48	23 20	23 20	18 8	4 57	2 28
T 23	0 46	4n33	4 46	3 1	1 46	10 0	0 22	3 59	3 29	22 48	0 12	22 20	0 48	22 6	0 32	6 36	1 38	2 49	14 48	23 20	23 20	18 10	4 59	2 28
F 24	1 10	9 13	4 21	2 10	1 40	10 29	0 20	4 7	3 28	22 49	0 12	22 20	0 48	22 6	0 32	6 37	1 38	2 49	14 47	23 21	23 20	18 12	5 0	2 27
S 25	1 33	13 27	3 44	1 17	1 34	10 58	0 17	4 15	3 26	22 49	0 12	22 19	0 48	22 6	0 32	6 37	1 38	2 50	14 47	23 21	23 20	18 14	5 2	2 27
S 26	1 57	17 8	2 57	0 24	1 27	11 26	0 14	4 23	3 24	22 50	0 12	22 19	0 48	22 6	0 32	6 38	1 38	2 50	14 47	23 21	23 20	18 16	5 3	2 27
M27	2 20	20 5	2 3	0n30	1 20	11 54	0 12	4 30	3 23	22 51	0 12	22 19	0 48	22 6	0 32	6 39	1 38	2 51	14 47	23 21	23 20	18 18	5 4	2 27
T 28	2 44	22 12	1 4	1 25	1 13	12 22	0 9	4 38	3 21	22 52	0 12	22 19	0 48	22 6	0 32	6 40	1 38	2 51	14 47	23 22	23 21	18 20	5 6	2 27
W29	3 7	23 21	0 1	2 20	1 5	12 50	0 6	4 45	3 19	22 52	0 11	22 19	0 48	22 6	0 32	6 41	1 38	2 52	14 46	23 22	23 21	18 22	5 7	2 27
T 30	3 31	23 25	1n 2	3 16	0 56	13 17	0 3	4 52	3 17	22 53	0 11	22 19	0 48	22 6	0 32	6 42	1 38	2 52	14 46	23 22	23 21	18 24	5 8	2 27
F 31	3n54	22n22	2n 4	4n13	0s47	13n44	0s 0	4n59	3n15	22n54	0s11	22s18	0n48	22n 6	0n32	6n42	1s38	2n53	14s46	23n22	23n21	18n26	5n10	2n27

Julian Day Number = 2404487.5, Delta T = 1.19 sec
Ecliptic obliquity = 23°27'21, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°56'28, Lahiri = 22°03'28

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ASTRODIENST EPHEMERIS for the year 1871
geocentric

APRIL 1871 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 35 39	10♈49'37	11♌46	14♈32	7♉51	24°R38	20♊12	9♑37	22♋29	21♈ 5	17♉35	4°R59	5♋16	4♊31	7♈24	S 1
S 2	12 39 35	11°48'44	24°49	16°36	9° 4	24♍17	20°20	9°39	22°29	21° 8	17°36	4♋54	5°13	4°38	7°28	S 2
M 3	12 43 32	12°47'50	8♍19	18°40	10°17	23°56	20°29	9°41	22°29	21°10	17°37	4°46	5°10	4°44	7°31	M 3
T 4	12 47 28	13°46'53	22°16	20°44	11°30	23°37	20°38	9°42	22°29	21°12	17°38	4°35	5° 7	4°51	7°35	T 4
W 5	12 51 25	14°45'54	6♎36	22°47	12°43	23°17	20°47	9°44	22°29	21°14	17°39	4°24	5° 4	4°58	7°38	W 5
T 6	12 55 21	15°44'52	21°15	24°50	13°56	22°59	20°56	9°45	22°30	21°17	17°41	4°13	5° 1	5° 4	7°42	T 6
F 7	12 59 18	16°43'49	6♏ 5	26°52	15° 9	22°41	21° 5	9°46	22°30	21°19	17°42	4° 2	4°57	5°11	7°46	F 7
S 8	13 3 15	17°42'44	20°56	28°52	16°22	22°23	21°14	9°48	22°30	21°21	17°43	3°55	4°54	5°18	7°49	S 8
S 9	13 7 11	18°41'38	5♐41	0♉51	17°35	22° 6	21°24	9°49	22°31	21°23	17°44	3°50	4°51	5°24	7°53	S 9
M10	13 11 8	19°40'29	20°14	2°47	18°47	21°50	21°33	9°50	22°31	21°26	17°45	3°47	4°48	5°31	7°56	M10
T 11	13 15 4	20°39'19	4♑31	4°41	20° 0	21°35	21°43	9°50	22°32	21°28	17°47	3°D47	4°45	5°38	8° 0	T 11
W12	13 19 1	21°38'07	18°30	6°32	21°13	21°20	21°52	9°51	22°33	21°30	17°48	3°R47	4°41	5°44	8° 3	W12
T 13	13 22 57	22°36'53	2♒12	8°20	22°25	21° 6	22° 2	9°52	22°33	21°32	17°49	3°47	4°38	5°51	8° 7	T 13
F 14	13 26 54	23°35'38	15°38	10° 4	23°38	20°52	22°12	9°52	22°34	21°35	17°50	3°45	4°35	5°58	8°11	F 14
S 15	13 30 50	24°34'21	28°49	11°45	24°50	20°40	22°22	9°53	22°35	21°37	17°52	3°40	4°32	6° 4	8°14	S 15
S 16	13 34 47	25°33'02	11♓47	13°22	26° 3	20°28	22°32	9°53	22°36	21°39	17°53	3°33	4°29	6°11	8°18	S 16
M17	13 38 44	26°31'42	24°33	14°55	27°15	20°17	22°43	9°54	22°36	21°42	17°54	3°24	4°26	6°18	8°21	M17
T 18	13 42 40	27°30'19	7♈ 8	16°23	28°27	20° 7	22°53	9°54	22°37	21°44	17°55	3°12	4°22	6°24	8°25	T 18
W19	13 46 37	28°28'55	19°32	17°46	29°40	19°57	23° 4	9°R54	22°38	21°46	17°57	3° 0	4°19	6°31	8°28	W19
T 20	13 50 33	29°27'29	1♉46	19° 5	0♊52	19°48	23°14	9°54	22°39	21°48	17°58	2°49	4°16	6°38	8°31	T 20
F 21	13 54 30	0♉26'01	13°50	20°19	2° 4	19°40	23°25	9°54	22°40	21°51	17°59	2°38	4°13	6°44	8°35	F 21
S 22	13 58 26	1°24'31	25°46	21°28	3°16	19°33	23°35	9°53	22°42	21°53	18° 1	2°30	4°10	6°51	8°38	S 22
S 23	14 2 23	2°22'59	7♊37	22°32	4°28	19°27	23°46	9°53	22°43	21°55	18° 2	2°25	4° 6	6°58	8°42	S 23
M24	14 6 19	3°21'26	19°24	23°31	5°40	19°21	23°57	9°53	22°44	21°57	18° 3	2°21	4° 3	7° 4	8°45	M24
T 25	14 10 16	4°19'50	1♋11	24°24	6°52	19°17	24° 8	9°52	22°45	22° 0	18° 4	2°D21	4° 0	7°11	8°48	T 25
W26	14 14 12	5°18'12	13° 3	25°12	8° 4	19°13	24°19	9°52	22°47	22° 2	18° 6	2°21	3°57	7°17	8°52	W26
T 27	14 18 9	6°16'32	25° 4	25°55	9°15	19°10	24°30	9°51	22°48	22° 4	18° 7	2°22	3°54	7°24	8°55	T 27
F 28	14 22 6	7°14'50	7♌21	26°32	10°27	19° 7	24°42	9°50	22°49	22° 6	18° 8	2°R22	3°51	7°31	8°58	F 28
S 29	14 26 2	8°13'06	19°57	27° 4	11°39	19° 6	24°53	9°49	22°51	22° 8	18°10	2°22	3°47	7°37	9° 2	S 29
S 30	14 29 59	9♉11'20	2♍57	27♉31	12♊50	19♍ 5	25♊ 4	9♑48	22♋52	22♈11	18♉11	2♋19	3♋44	7♊44	9♈ 5	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n17	20n10	3n 1	5n10	0s37	14n11	0n 3	5n 5	3n13	22n55	0s11	22s18	0n48	22n 6	0n31	6n43	1s38	2n53	14s46	23n22	23n21	18n28	5n11	2n27
S 2	4 40	16 53	3 51	6 7	0 27	14 37	0 5	5 11	3 11	22 55	0 11	22 18	0 48	22 6	0 31	6 44	1 38	2 54	14 45	23 22	23 21	18 30	5 13	2 27
M 3	5 3	12 38	4 30	7 3	0 17	15 3	0 8	5 18	3 9	22 56	0 11	22 18	0 48	22 6	0 31	6 45	1 38	2 54	14 45	23 22	23 21	18 32	5 14	2 27
T 4	5 26	7 34	4 54	8 0	0 6	15 28	0 11	5 23	3 6	22 57	0 11	22 18	0 48	22 6	0 31	6 46	1 38	2 55	14 45	23 23	23 21	18 34	5 15	2 27
W 5	5 49	1 59	5 1	8 56	0n 5	15 53	0 14	5 29	3 4	22 58	0 10	22 18	0 48	22 6	0 31	6 47	1 38	2 55	14 45	23 23	23 22	18 36	5 17	2 27
T 6	6 12	3s51	4 48	9 52	0 16	16 18	0 17	5 34	3 2	22 58	0 10	22 18	0 48	22 6	0 31	6 48	1 38	2 56	14 45	23 23	23 22	18 38	5 18	2 27
F 7	6 35	9 32	4 16	10 47	0 27	16 43	0 20	5 39	2 59	22 59	0 10	22 18	0 48	22 6	0 31	6 48	1 38	2 56	14 45	23 24	23 22	18 40	5 19	2 27
S 8	6 57	14 41	3 26	11 41	0 38	17 7	0 23	5 44	2 57	23 0	0 10	22 18	0 48	22 5	0 31	6 49	1 38	2 57	14 44	23 24	23 22	18 41	5 21	2 27
S 9	7 20	18 55	2 23	12 33	0 50	17 30	0 26	5 48	2 54	23 1	0 10	22 17	0 48	22 5	0 31	6 50	1 38	2 57	14 44	23 24	23 22	18 43	5 22	2 27
M10	7 42	21 55	1 11	13 24	1 1	17 53	0 29	5 52	2 52	23 1	0 10	22 17	0 48	22 5	0 31	6 51	1 38	2 58	14 44	23 24	23 22	18 45	5 24	2 26
T 11	8 4	23 27	0s 4	14 13	1 12	18 16	0 32	5 56	2 49	23 2	0 10	22 17	0 48	22 5	0 31	6 52	1 38	2 58	14 44	23 24	23 22	18 47	5 25	2 26
W12	8 26	23 27	1 17	15 1	1 23	18 38	0 35	5 59	2 47	23 3	0 9	22 17	0 48	22 5	0 31	6 53	1 38	2 59	14 44	23 24	23 22	18 49	5 26	2 26
T 13	8 48	22 2	2 25	15 46	1 33	19 0	0 38	6 3	2 44	23 4	0 9	22 17	0 48	22 5	0 31	6 53	1 38	2 59	14 44	23 24	23 22	18 51	5 28	2 26
F 14	9 10	19 23	3 23	16 29	1 43	19 21	0 40	6 5	2 41	23 4	0 9	22 17	0 48	22 5	0 31	6 54	1 38	3 0	14 43	23 24	23 23	18 53	5 29	2 26
S 15	9 32	15 47	4 9	17 10	1 53	19 42	0 43	6 8	2 39	23 5	0 9	22 17	0 48	22 5	0 31	6 55	1 38	3 0	14 43	23 24	23 23	18 55	5 30	2 26
S 16	9 53	11 29	4 41	17 48	2 2	20 2	0 46	6 10	2 36	23 6	0 9	22 17	0 48	22 4	0 31	6 56	1 38	3 1	14 43	23 24	23 23	18 57	5 32	2 26
M17	10 14	6 44	4 59	18 24	2 10	20 21	0 49	6 12	2 33	23 6	0 9	22 17	0 48	22 4	0 31	6 57	1 38	3 1	14 43	23 25	23 23	18 59	5 33	2 26
T 18	10 36	1 47	5 2	18 57	2 18	20 41	0 52	6 14	2 31	23 7	0 9	22 17	0 48	22 4	0 31	6 58	1 38	3 1	14 43	23 25	23 23	19 1	5 35	2 26
W19	10 57	3n10	4 50	19 27	2 25	20 59	0 55	6 15	2 28	23 8	0 9	22 17	0 48	22 4	0 31	6 58	1 38	3 2	14 43	23 25	23 23	19 2	5 36	2 26
T 20	11 17	7 56	4 25	19 55	2 31	21 17	0 58	6 16	2 25	23 9	0 8	22 17	0 48	22 4	0 31	6 59	1 38	3 2	14 43	23 26	23 23	19 4	5 37	2 26
F 21	11 38	12 22	3 49	20 21	2 36	21 35	1 1	6 17	2 23	23 9	0 8	22 17	0 48	22 4	0 31	7 0	1 38	3 3	14 42	23 26	23 23	19 6	5 39	2 26
S 22	11 58	16 16	3 2	20 43	2 40	21 52	1 3	6 17	2 20	23 10	0 8	22 17	0 48	22 3	0 31	7 1	1 38	3 3	14 42	23 26	23 23	19 8	5 40	2 26
S 23	12 19	19 29	2 8	21 3	2 43	22 8	1 6	6 17	2 17	23 10	0 8	22 17	0 48	22 3	0 31	7 2	1 38	3 4	14 42	23 26	23 24	19 10	5 41	2 26
M24	12 39	21 53	1 9	21 20	2 46	22 24	1 9	6 17	2 15	23 11	0 8	22 17	0 48	22 3	0 31	7 3	1 38	3 4	14 42	23 26	23 24	19 12	5 43	2 26
T 25	12 58	23 21	0 6	21 35	2 47	22 39	1 12	6 16	2 12	23 12	0 8	22 17	0 48	22 3	0 31	7 3	1 38	3 5	14 42	23 26	23 24	19 14	5 44	2 26
W26	13 18	23 46	0n57	21 47	2 47	22 53	1 14	6 15	2 10	23 12	0 8	22 17	0 48	22 2	0 31	7 4	1 38	3 5	14 42	23 26	23 24	19 16	5 45	2 26
T 27	13 37	23 5	1 59	21 56	2 46	23 7	1 17	6 14	2 7	23 13	0 8	22 17	0 48	22 2	0 31	7 5	1 38	3 5	14 42	23 26	23 24	19 17	5 46	2 26
F 28	13 56	21 18	2 57	22 3	2 44	23 21	1 20	6 13	2 4	23 13	0 7	22 17	0 48	22 2	0 31	7 6	1 38	3 6	14 42	23 26	23 24	19 19	5 48	2 26
S 29	14 15	18 26	3 47	22 8	2 41	23 33	1 22	6 11	2 2	23 14	0 7	22 17	0 48	22 2	0 31	7 7	1 38	3 6	14 42	23 26	23 24	19 21	5 49	2 26
S 30	14n34	14n36	4n28	22n10	2n37	23n45	1n25	6n 9	1n59	23n15	0s 7	22s17	0n48	22n 1	0n31	7n 7	1s38	3n 7	14s42	23n26	23n24	19n23	5n50	2n26

Julian Day Number = 2404518.5, Delta T = 1.12 sec
Ecliptic obliquity = 23°27'21, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°56'32, Lahiri = 22°03'33

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ASTRODIENST EPHEMERIS for the year 1871
geocentric

MAY 1871 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 33 55	10♉ 9'31	16♍25	27♉51	14♊ 1	19°D 5	25♊16	9°R47	22♋54	22♈13	18♉12	2°R14	3♋41	7♊51	9♈ 8	M 1
T 2	14 37 52	11° 7'41	0♎22	28° 7	15°13	19♍ 6	25°27	9♏46	22°56	22°15	18°14	2♋ 8	3°38	7°57	9°11	T 2
W 3	14 41 48	12° 5'49	14°47	28°17	16°24	19° 7	25°39	9°45	22°57	22°17	18°15	2° 1	3°35	8° 4	9°14	W 3
T 4	14 45 45	13° 3'55	29°34	28°R21	17°35	19° 9	25°51	9°43	22°59	22°19	18°17	1°53	3°32	8°11	9°18	T 4
F 5	14 49 41	14° 1'59	14♏37	28°21	18°46	19°12	26° 3	9°42	23° 1	22°21	18°18	1°46	3°28	8°17	9°21	F 5
S 6	14 53 38	15° 0'02	29°46	28°15	19°58	19°16	26°14	9°40	23° 3	22°23	18°19	1°41	3°25	8°24	9°24	S 6
S 7	14 57 35	15°58'03	14♐51	28° 5	21° 8	19°20	26°26	9°39	23° 5	22°26	18°21	1°38	3°22	8°31	9°27	S 7
M 8	15 1 31	16°56'03	29°44	27°50	22°19	19°25	26°38	9°37	23° 6	22°28	18°22	1°D37	3°19	8°37	9°30	M 8
T 9	15 5 28	17°54'01	14♑18	27°31	23°30	19°31	26°50	9°35	23° 8	22°30	18°23	1°37	3°16	8°44	9°33	T 9
W10	15 9 24	18°51'58	28°30	27° 8	24°41	19°37	27° 2	9°33	23°10	22°32	18°25	1°39	3°12	8°51	9°36	W10
T 11	15 13 21	19°49'54	12♒19	26°41	25°52	19°44	27°15	9°31	23°12	22°34	18°26	1°40	3° 9	8°57	9°39	T 11
F 12	15 17 17	20°47'48	25°45	26°12	27° 2	19°52	27°27	9°29	23°15	22°36	18°27	1°R40	3° 6	9° 4	9°42	F 12
S 13	15 21 14	21°45'42	8♓51	25°40	28°13	20° 0	27°39	9°27	23°17	22°38	18°29	1°38	3° 3	9°11	9°45	S 13
S 14	15 25 10	22°43'33	21°39	25° 7	29°23	20° 9	27°51	9°25	23°19	22°40	18°30	1°35	3° 0	9°17	9°48	S 14
M15	15 29 7	23°41'24	4♈12	24°32	0♋33	20°18	28° 4	9°22	23°21	22°42	18°31	1°30	2°57	9°24	9°50	M15
T 16	15 33 4	24°39'14	16°32	23°57	1°44	20°28	28°16	9°20	23°23	22°44	18°33	1°25	2°53	9°31	9°53	T 16
W17	15 37 0	25°37'02	28°43	23°22	2°54	20°39	28°29	9°17	23°26	22°46	18°34	1°18	2°50	9°37	9°56	W17
T 18	15 40 57	26°34'49	10♉44	22°48	4° 4	20°51	28°41	9°15	23°28	22°48	18°35	1°12	2°47	9°44	9°59	T 18
F 19	15 44 53	27°32'35	22°40	22°14	5°14	21° 2	28°54	9°12	23°30	22°50	18°37	1° 6	2°44	9°51	10° 1	F 19
S 20	15 48 50	28°30'19	4♊30	21°43	6°24	21°15	29° 7	9° 9	23°33	22°52	18°38	1° 2	2°41	9°57	10° 4	S 20
S 21	15 52 46	29°28'02	16°18	21°14	7°33	21°28	29°19	9° 6	23°35	22°54	18°39	1° 0	2°38	10° 4	10° 7	S 21
M22	15 56 43	0♊25'44	28° 5	20°48	8°43	21°42	29°32	9° 4	23°38	22°56	18°41	0°D58	2°34	10°11	10° 9	M22
T 23	16 0 39	1°23'24	9♋54	20°24	9°53	21°56	29°45	9° 1	23°40	22°58	18°42	0°59	2°31	10°17	10°12	T 23
W24	16 4 36	2°21'03	21°49	20° 5	11° 2	22°10	29°58	8°58	23°43	23° 0	18°43	1° 0	2°28	10°24	10°14	W24
T 25	16 8 33	3°18'41	3♌53	19°49	12°12	22°26	0♋11	8°54	23°45	23° 1	18°45	1° 2	2°25	10°31	10°17	T 25
F 26	16 12 29	4°16'17	16°11	19°37	13°21	22°41	0°24	8°51	23°48	23° 3	18°46	1° 3	2°22	10°37	10°19	F 26
S 27	16 16 26	5°13'51	28°46	19°30	14°30	22°57	0°37	8°48	23°51	23° 5	18°47	1° 4	2°18	10°44	10°22	S 27
S 28	16 20 22	6°11'25	11♍43	19°D26	15°39	23°14	0°50	8°45	23°54	23° 7	18°49	1°R 4	2°15	10°51	10°24	S 28
M29	16 24 19	7° 8'56	25° 5	19°28	16°48	23°31	1° 3	8°41	23°56	23° 9	18°50	1° 3	2°12	10°57	10°26	M29
T 30	16 28 15	8° 6'27	8♎55	19°33	17°57	23°49	1°16	8°38	23°59	23°10	18°51	1° 1	2° 9	11° 4	10°29	T 30
W31	16 32 12	9♊ 3'56	23♎12	19♉43	19♋ 5	24♍ 7	1♋29	8♑34	24♋ 2	23♈12	18♉53	0♋59	2♋ 6	11♊11	10♈31	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n52	9n54	4n56	22n 9	2n31	23n57	1n27	6n 7	1n57	23n15	0s 7	22s18	0n48	22n 1	0n31	7n 8	1s38	3n 7	14s41	23n26	23n24	19n25	5n52	2n26
T 2	15 11	4 33	5 7	22 6	2 24	24 7	1 30	6 4	1 54	23 16	0 7	22 18	0 48	22 1	0 31	7 9	1 38	3 8	14 41	23 26	23 24	19 27	5 53	2 26
W 3	15 29	1s13	5 0	22 0	2 16	24 17	1 32	6 1	1 51	23 16	0 7	22 18	0 48	22 0	0 31	7 10	1 38	3 8	14 41	23 26	23 24	19 29	5 54	2 26
T 4	15 46	7 5	4 33	21 52	2 7	24 27	1 35	5 58	1 49	23 17	0 7	22 18	0 48	22 0	0 31	7 11	1 38	3 8	14 41	23 27	23 25	19 30	5 55	2 26
F 5	16 4	12 38	3 46	21 42	1 57	24 35	1 37	5 55	1 46	23 17	0 7	22 18	0 48	22 0	0 31	7 11	1 38	3 9	14 41	23 27	23 25	19 32	5 57	2 26
S 6	16 21	17 27	2 43	21 30	1 45	24 43	1 39	5 51	1 44	23 18	0 7	22 18	0 48	22 0	0 31	7 12	1 38	3 9	14 41	23 27	23 25	19 34	5 58	2 26
S 7	16 38	21 7	1 29	21 15	1 33	24 51	1 41	5 47	1 42	23 18	0 6	22 18	0 48	21 59	0 31	7 13	1 38	3 10	14 41	23 27	23 25	19 36	5 59	2 26
M 8	16 54	23 17	0 10	20 58	1 19	24 57	1 44	5 43	1 39	23 18	0 6	22 18	0 48	21 59	0 31	7 14	1 38	3 10	14 41	23 27	23 25	19 38	6 0	2 26
T 9	17 11	23 49	1s 8	20 40	1 5	25 3	1 46	5 38	1 37	23 19	0 6	22 19	0 48	21 58	0 31	7 14	1 38	3 10	14 41	23 27	23 25	19 40	6 1	2 26
W10	17 27	22 46	2 21	20 20	0 49	25 9	1 48	5 34	1 34	23 19	0 6	22 19	0 48	21 58	0 31	7 15	1 38	3 11	14 41	23 27	23 25	19 41	6 3	2 26
T 11	17 42	20 22	3 23	19 58	0 33	25 13	1 50	5 29	1 32	23 20	0 6	22 19	0 48	21 58	0 31	7 16	1 38	3 11	14 41	23 27	23 25	19 43	6 4	2 26
F 12	17 58	16 54	4 12	19 35	0 16	25 17	1 52	5 24	1 30	23 20	0 6	22 19	0 48	21 57	0 31	7 17	1 38	3 11	14 41	23 27	23 25	19 45	6 5	2 26
S 13	18 13	12 41	4 46	19 11	0s 1	25 20	1 54	5 18	1 27	23 20	0 6	22 19	0 48	21 57	0 31	7 17	1 38	3 12	14 41	23 27	23 25	19 47	6 6	2 26
S 14	18 28	8 0	5 6	18 46	0 18	25 23	1 55	5 13	1 25	23 21	0 6	22 19	0 48	21 57	0 31	7 18	1 38	3 12	14 41	23 27	23 25	19 49	6 7	2 26
M15	18 42	3 4	5 10	18 20	0 36	25 24	1 57	5 7	1 23	23 21	0 6	22 20	0 48	21 56	0 31	7 19	1 38	3 12	14 41	23 27	23 25	19 50	6 8	2 26
T 16	18 57	1n53	5 0	17 55	0 53	25 25	1 59	5 1	1 21	23 21	0 5	22 20	0 48	21 56	0 31	7 19	1 38	3 13	14 41	23 27	23 25	19 52	6 10	2 26
W17	19 11	6 43	4 36	17 29	1 11	25 26	2 0	4 55	1 18	23 21	0 5	22 20	0 48	21 55	0 31	7 20	1 39	3 13	14 41	23 27	23 26	19 54	6 11	2 26
T 18	19 24	11 15	4 0	17 4	1 27	25 25	2 2	4 48	1 16	23 22	0 5	22 20	0 48	21 55	0 31	7 21	1 39	3 13	14 41	23 27	23 26	19 56	6 12	2 26
F 19	19 38	15 19	3 14	16 40	1 44	25 24	2 3	4 41	1 14	23 22	0 5	22 20	0 48	21 55	0 31	7 22	1 39	3 14	14 41	23 27	23 26	19 57	6 13	2 26
S 20	19 50	18 46	2 20	16 17	2 0	25 23	2 5	4 35	1 12	23 22	0 5	22 21	0 48	21 54	0 31	7 22	1 39	3 14	14 41	23 27	23 26	19 59	6 14	2 26
S 21	20 3	21 26	1 20	15 55	2 15	25 20	2 6	4 27	1 10	23 22	0 5	22 21	0 48	21 54	0 31	7 23	1 39	3 14	14 41	23 27	23 26	20 1	6 15	2 26
M22	20 15	23 11	0 16	15 34	2 29	25 17	2 7	4 20	1 8	23 22	0 5	22 21	0 48	21 53	0 31	7 24	1 39	3 15	14 41	23 27	23 26	20 3	6 16	2 26
T 23	20 27	23 54	0n49	15 15	2 42	25 13	2 8	4 13	1 6	23 23	0 5	22 21	0 48	21 53	0 30	7 24	1 39	3 15	14 41	23 27	23 26	20 5	6 17	2 26
W24	20 39	23 32	1 52	14 58	2 54	25 9	2 9	4 5	1 4	23 23	0 5	22 21	0 48	21 52	0 30	7 25	1 39	3 15	14 41	23 27	23 26	20 6	6 18	2 26
T 25	20 50	22 4	2 51	14 43	3 6	25 4	2 10	3 57	1 2	23 23	0 5	22 22	0 48	21 52	0 30	7 26	1 39	3 16	14 41	23 27	23 26	20 8	6 19	2 27
F 26	21 1	19 33	3 44	14 31	3 16	24 58	2 11	3 49	1 0	23 23	0 4	22 22	0 48	21 51	0 30	7 26	1 39	3 16	14 41	23 27	23 26	20 10	6 20	2 27
S 27	21 11	16 4	4 27	14 20	3 24	24 51	2 12	3 41	0 58	23 23	0 4	22 22	0 48	21 51	0 30	7 27	1 39	3 16	14 41	23 27	23 26	20 12	6 21	2 27
S 28	21 21	11 45	4 57	14 12	3 32	24 44	2 13	3 33	0 56	23 23	0 4	22 22	0 48	21 50	0 30	7 27	1 39	3 16	14 41	23 27	23 26	20 13	6 22	2 27
M29	21 31	6 45	5 13	14 6	3 39	24 36	2 13	3 24	0 54	23 23	0 4	22 23	0 48	21 50	0 30	7 28	1 39	3 17	14 41	23 27	23 26	20 15	6 23	2 27
T 30	21 40	1 15	5 12	14 2	3 44	24 28	2 14	3 15	0 52	23 23	0 4	22 23	0 48	21 50	0 30	7 29	1 39	3 17	14 42	23 27	23 26	20 17	6 24	2 27
W31	21n49	4s30	4n52	14n 1	3s48	24n19	2n14	3n 7	0n50	23n23	0s 4	22s23	0n48	21n49	0n30	7n29	1s39	3n17	14s42	23n27	23n26	20n19	6n25	2n27

Julian Day Number = 2404548.5, Delta T = 1.05 sec
Ecliptic obliquity = 23°27'21, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°56'36, Lahiri = 22°03'37

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1871
geocentric

JUNE 1871 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 36 8	10♊ 1'23	7♏54	19♉58	20♋14	24♍25	1♋42	8°R31	24♋ 5	23♈14	18♉54	0°R56	2♋ 3	11♊17	10♈33	T 1
F 2	16 40 5	10°58'50	22°54	20°17	21°22	24°44	1°55	8♑27	24° 8	23°15	18°55	0♋53	1°59	11°24	10°35	F 2
S 3	16 44 2	11°56'16	8♐ 6	20°41	22°31	25° 4	2° 8	8°23	24°11	23°17	18°56	0°52	1°56	11°30	10°37	S 3
S 4	16 47 58	12°53'41	23°19	21° 8	23°39	25°23	2°22	8°20	24°13	23°19	18°58	0°51	1°53	11°37	10°40	S 4
M 5	16 51 55	13°51'05	8♑23	21°40	24°47	25°44	2°35	8°16	24°16	23°20	18°59	0°D51	1°50	11°44	10°42	M 5
T 6	16 55 51	14°48'28	23°11	22°17	25°55	26° 4	2°48	8°12	24°19	23°22	19° 0	0°51	1°47	11°50	10°44	T 6
W 7	16 59 48	15°45'50	7♒37	22°57	27° 2	26°25	3° 1	8° 8	24°22	23°23	19° 1	0°53	1°44	11°57	10°46	W 7
T 8	17 3 44	16°43'12	21°37	23°41	28°10	26°47	3°15	8° 4	24°26	23°25	19° 3	0°54	1°40	12° 4	10°47	T 8
F 9	17 7 41	17°40'34	5♓10	24°29	29°18	27° 8	3°28	8° 0	24°29	23°26	19° 4	0°54	1°37	12°10	10°49	F 9
S 10	17 11 38	18°37'54	18°19	25°21	0♌25	27°30	3°42	7°56	24°32	23°28	19° 5	0°R55	1°34	12°17	10°51	S 10
S 11	17 15 34	19°35'15	1♈ 6	26°17	1°32	27°53	3°55	7°52	24°35	23°29	19° 6	0°54	1°31	12°24	10°53	S 11
M12	17 19 31	20°32'34	13°34	27°16	2°39	28°16	4° 8	7°48	24°38	23°31	19° 7	0°54	1°28	12°30	10°55	M12
T 13	17 23 27	21°29'54	25°48	28°19	3°46	28°39	4°22	7°44	24°41	23°32	19° 9	0°53	1°24	12°37	10°56	T 13
W14	17 27 24	22°27'13	7♉50	29°25	4°53	29° 3	4°35	7°40	24°44	23°34	19°10	0°51	1°21	12°44	10°58	W14
T 15	17 31 20	23°24'32	19°44	0♊35	5°59	29°26	4°49	7°36	24°48	23°35	19°11	0°50	1°18	12°50	10°59	T 15
F 16	17 35 17	24°21'50	1♊33	1°48	7° 6	29°51	5° 2	7°31	24°51	23°36	19°12	0°50	1°15	12°57	11° 1	F 16
S 17	17 39 13	25°19'08	13°21	3° 5	8°12	0♎15	5°16	7°27	24°54	23°38	19°13	0°49	1°12	13° 4	11° 2	S 17
S 18	17 43 10	26°16'25	25° 9	4°25	9°18	0°40	5°29	7°23	24°58	23°39	19°14	0°D49	1° 9	13°10	11° 4	S 18
M19	17 47 7	27°13'42	6♋59	5°48	10°24	1° 5	5°43	7°19	25° 1	23°40	19°16	0°49	1° 5	13°17	11° 5	M19
T 20	17 51 3	28°10'59	18°55	7°15	11°29	1°31	5°57	7°14	25° 4	23°41	19°17	0°49	1° 2	13°24	11° 7	T 20
W21	17 55 0	29° 8'15	0♌58	8°44	12°35	1°57	6°10	7°10	25° 8	23°42	19°18	0°49	0°59	13°30	11° 8	W21
T 22	17 58 56	0♋ 5'30	13°11	10°17	13°40	2°23	6°24	7° 6	25°11	23°44	19°19	0°49	0°56	13°37	11° 9	T 22
F 23	18 2 53	1° 2'45	25°36	11°53	14°45	2°49	6°37	7° 1	25°15	23°45	19°20	0°R49	0°53	13°44	11°10	F 23
S 24	18 6 49	1°59'59	8♍16	13°32	15°50	3°16	6°51	6°57	25°18	23°46	19°21	0°49	0°50	13°50	11°11	S 24
S 25	18 10 46	2°57'12	21°15	15°14	16°55	3°43	7° 5	6°52	25°21	23°47	19°22	0°49	0°46	13°57	11°13	S 25
M26	18 14 42	3°54'25	4♎34	16°59	17°59	4°10	7°18	6°48	25°25	23°48	19°23	0°D49	0°43	14° 3	11°14	M26
T 27	18 18 39	4°51'38	18°16	18°48	19° 4	4°38	7°32	6°44	25°28	23°49	19°24	0°49	0°40	14°10	11°15	T 27
W28	18 22 36	5°48'50	2♏21	20°39	20° 8	5° 6	7°45	6°39	25°32	23°50	19°25	0°49	0°37	14°17	11°15	W28
T 29	18 26 32	6°46'02	16°48	22°32	21°11	5°34	7°59	6°35	25°35	23°51	19°26	0°50	0°34	14°23	11°16	T 29
F 30	18 30 29	7♋43'13	1♐34	24♊28	22♌15	6♎ 2	8♋13	6♑30	25♋39	23♈52	19♉27	0♋50	0♋30	14♊30	11♈17	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n58	10s10	4n12	14n 1	3s52	24n 9	2n15	2n58	0n49	23n23	0s 4	22s23	0n48	21n48	0n30	7n30	1s39	3n17	14s42	23n27	23n26	20n20	6n26	2n27
F 2	22 6	15 22	3 15	14 4	3 54	23 58	2 15	2 48	0 47	23 23	0 4	22 24	0 48	21 48	0 30	7 30	1 39	3 18	14 42	23 27	23 26	20 22	6 27	2 27
S 3	22 14	19 39	2 2	14 9	3 55	23 47	2 15	2 39	0 45	23 23	0 4	22 24	0 47	21 47	0 30	7 31	1 39	3 18	14 42	23 27	23 26	20 24	6 28	2 27
S 4	22 22	22 36	0 42	14 16	3 55	23 36	2 15	2 30	0 43	23 23	0 3	22 24	0 47	21 47	0 30	7 32	1 39	3 18	14 42	23 27	23 27	20 25	6 28	2 27
M 5	22 29	23 53	0s42	14 25	3 54	23 24	2 15	2 20	0 41	23 22	0 3	22 25	0 47	21 46	0 30	7 32	1 39	3 18	14 42	23 27	23 27	20 27	6 29	2 27
T 6	22 35	23 27	2 1	14 36	3 52	23 11	2 15	2 10	0 40	23 22	0 3	22 25	0 47	21 46	0 30	7 33	1 39	3 19	14 42	23 27	23 27	20 29	6 30	2 27
W 7	22 42	21 26	3 10	14 49	3 50	22 57	2 14	2 0	0 38	23 22	0 3	22 25	0 47	21 45	0 30	7 33	1 39	3 19	14 42	23 27	23 27	20 31	6 31	2 27
T 8	22 48	18 11	4 6	15 3	3 46	22 44	2 14	1 50	0 36	23 22	0 3	22 25	0 47	21 45	0 30	7 34	1 39	3 19	14 42	23 27	23 27	20 32	6 32	2 27
F 9	22 53	14 3	4 46	15 19	3 42	22 29	2 13	1 40	0 35	23 22	0 3	22 26	0 47	21 44	0 30	7 34	1 39	3 19	14 42	23 27	23 27	20 34	6 33	2 27
S 10	22 58	9 22	5 9	15 36	3 37	22 14	2 13	1 30	0 33	23 21	0 3	22 26	0 47	21 44	0 30	7 35	1 39	3 19	14 43	23 27	23 27	20 36	6 33	2 27
S 11	23 3	4 24	5 17	15 54	3 32	21 58	2 12	1 19	0 31	23 21	0 3	22 26	0 47	21 43	0 30	7 35	1 40	3 20	14 43	23 27	23 27	20 37	6 34	2 27
M12	23 7	0n37	5 9	16 14	3 25	21 42	2 11	1 9	0 30	23 21	0 3	22 27	0 47	21 42	0 30	7 36	1 40	3 20	14 43	23 27	23 27	20 39	6 35	2 27
T 13	23 11	5 30	4 48	16 35	3 18	21 26	2 10	0 58	0 28	23 20	0 3	22 27	0 47	21 42	0 30	7 36	1 40	3 20	14 43	23 27	23 27	20 41	6 35	2 27
W14	23 14	10 8	4 14	16 56	3 11	21 9	2 9	0 47	0 27	23 20	0 2	22 27	0 47	21 41	0 30	7 37	1 40	3 20	14 43	23 27	23 27	20 42	6 36	2 27
T 15	23 17	14 20	3 29	17 19	3 2	20 51	2 8	0 36	0 25	23 20	0 2	22 28	0 47	21 41	0 30	7 37	1 40	3 20	14 43	23 27	23 27	20 44	6 37	2 28
F 16	23 20	17 57	2 35	17 42	2 54	20 33	2 6	0 25	0 24	23 19	0 2	22 28	0 47	21 40	0 30	7 37	1 40	3 20	14 43	23 27	23 27	20 46	6 37	2 28
S 17	23 22	20 50	1 36	18 6	2 44	20 14	2 5	0 14	0 22	23 19	0 2	22 28	0 47	21 40	0 30	7 38	1 40	3 21	14 44	23 27	23 27	20 47	6 38	2 28
S 18	23 24	22 51	0 31	18 30	2 35	19 55	2 3	0 3	0 21	23 18	0 2	22 28	0 47	21 39	0 30	7 38	1 40	3 21	14 44	23 27	23 27	20 49	6 39	2 28
M19	23 26	23 50	0n34	18 55	2 25	19 36	2 2	0s 8	0 19	23 18	0 2	22 29	0 47	21 38	0 30	7 39	1 40	3 21	14 44	23 27	23 27	20 51	6 39	2 28
T 20	23 27	23 45	1 39	19 20	2 14	19 16	2 0	0 20	0 18	23 17	0 2	22 29	0 47	21 38	0 30	7 39	1 40	3 21	14 44	23 27	23 27	20 52	6 40	2 28
W21	23 27	22 33	2 40	19 45	2 3	18 56	1 58	0 32	0 16	23 17	0 2	22 29	0 46	21 37	0 30	7 40	1 40	3 21	14 44	23 27	23 27	20 54	6 40	2 28
T 22	23 27	20 18	3 34	20 9	1 52	18 35	1 56	0 43	0 15	23 16	0 2	22 30	0 46	21 36	0 30	7 40	1 40	3 21	14 44	23 27	23 27	20 56	6 41	2 28
F 23	23 27	17 4	4 20	20 34	1 41	18 14	1 54	0 55	0 13	23 16	0 2	22 30	0 46	21 36	0 30	7 40	1 40	3 21	14 45	23 27	23 27	20 57	6 42	2 28
S 24	23 26	13 0	4 54	20 58	1 29	17 52	1 51	1 7	0 12	23 15	0 2	22 30	0 46	21 35	0 30	7 41	1 40	3 21	14 45	23 27	23 27	20 59	6 42	2 28
S 25	23 25	8 16	5 13	21 21	1 17	17 30	1 49	1 19	0 11	23 15	0 1	22 31	0 46	21 35	0 30	7 41	1 40	3 21	14 45	23 27	23 27	21 0	6 43	2 28
M26	23 24	3 2	5 17	21 44	1 6	17 8	1 46	1 31	0 9	23 14	0 1	22 31	0 46	21 34	0 30	7 41	1 40	3 22	14 45	23 27	23 27	21 2	6 43	2 28
T 27	23 22	2s29	5 3	22 6	0 54	16 46	1 44	1 43	0 8	23 13	0 1	22 31	0 46	21 33	0 30	7 42	1 40	3 22	14 45	23 27	23 27	21 4	6 43	2 28
W28	23 20	8 3	4 31	22 26	0 42	16 23	1 41	1 55	0 7	23 13	0 1	22 31	0 46	21 33	0 30	7 42	1 40	3 22	14 45	23 27	23 27	21 5	6 44	2 28
T 29	23 17	13 20	3 41	22 45	0 30	15 59	1 38	2 8	0 5	23 12	0 1	22 32	0 46	21 32	0 30	7 42	1 40	3 22	14 46	23 27	23 27	21 7	6 44	2 28
F 30	23n14	17s57	2n36	23n 3	0s18	15n36	1n35	2s20	0n 4	23n11	0s 1	22s32	0n46	21n31	0n30	7n43	1s41	3n22	14s46	23n27	23n27	21n 9	6n45	2n29

Julian Day Number = 2404579.5, Delta T = 0.98 sec
Ecliptic obliquity = 23°27'21, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°56'41, Lahiri = 22°03'41

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ASTRODIENST EPHEMERIS for the year 1871
geocentric

JULY 1871 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 34 25	8♋40'24	16♐33	26♊27	23♌18	6♎31	8♋26	6°R26	25♋42	23♈53	19♉28	0♋51	0♋27	14♊37	11♈18	S 1
S 2	18 38 22	9°37'35	1♑38	28°28	24°21	6°59	8°40	6♑21	25°46	23°54	19°29	0°R51	0°24	14°43	11°19	S 2
M 3	18 42 18	10°34'46	16°40	0♋31	25°24	7°28	8°54	6°17	25°50	23°54	19°30	0°51	0°21	14°50	11°19	M 3
T 4	18 46 15	11°31'57	1♒30	2°36	26°26	7°58	9° 7	6°13	25°53	23°55	19°31	0°50	0°18	14°57	11°20	T 4
W 5	18 50 11	12°29'08	16° 2	4°42	27°29	8°27	9°21	6° 8	25°57	23°56	19°32	0°49	0°15	15° 3	11°21	W 5
T 6	18 54 8	13°26'19	0♓10	6°50	28°31	8°57	9°34	6° 4	26° 0	23°57	19°32	0°47	0°11	15°10	11°21	T 6
F 7	18 58 5	14°23'30	13°51	8°58	29°32	9°27	9°48	5°59	26° 4	23°57	19°33	0°46	0° 8	15°17	11°21	F 7
S 8	19 2 1	15°20'42	27° 6	11° 8	0♍33	9°57	10° 2	5°55	26° 8	23°58	19°34	0°45	0° 5	15°23	11°22	S 8
S 9	19 5 58	16°17'54	9♈56	13°17	1°34	10°28	10°15	5°51	26°11	23°59	19°35	0°44	0° 2	15°30	11°22	S 9
M10	19 9 54	17°15'06	22°25	15°27	2°35	10°58	10°29	5°46	26°15	23°59	19°36	0°D44	29♊59	15°37	11°23	M10
T 11	19 13 51	18°12'19	4♉37	17°36	3°35	11°29	10°42	5°42	26°19	24° 0	19°37	0°45	29°56	15°43	11°23	T 11
W12	19 17 47	19° 9'33	16°36	19°45	4°36	12° 0	10°56	5°38	26°22	24° 0	19°37	0°46	29°52	15°50	11°23	W12
T 13	19 21 44	20° 6'47	28°27	21°54	5°35	12°32	11° 9	5°34	26°26	24° 1	19°38	0°47	29°49	15°57	11°23	T 13
F 14	19 25 40	21° 4'02	10♊15	24° 1	6°35	13° 3	11°23	5°29	26°29	24° 1	19°39	0°49	29°46	16° 3	11°23	F 14
S 15	19 29 37	22° 1'17	22° 2	26° 8	7°33	13°35	11°36	5°25	26°33	24° 2	19°40	0°50	29°43	16°10	11°R23	S 15
S 16	19 33 34	22°58'33	3♋53	28°13	8°32	14° 7	11°50	5°21	26°37	24° 2	19°40	0°R50	29°40	16°17	11°23	S 16
M17	19 37 30	23°55'49	15°51	0♌17	9°30	14°39	12° 3	5°17	26°40	24° 3	19°41	0°49	29°36	16°23	11°23	M17
T 18	19 41 27	24°53'06	27°56	2°19	10°28	15°11	12°17	5°13	26°44	24° 3	19°42	0°47	29°33	16°30	11°23	T 18
W19	19 45 23	25°50'23	10♌12	4°20	11°25	15°44	12°30	5° 9	26°48	24° 3	19°42	0°44	29°30	16°36	11°23	W19
T 20	19 49 20	26°47'41	22°40	6°19	12°22	16°17	12°44	5° 5	26°52	24° 4	19°43	0°40	29°27	16°43	11°23	T 20
F 21	19 53 16	27°44'59	5♍20	8°17	13°19	16°50	12°57	5° 1	26°55	24° 4	19°44	0°36	29°24	16°50	11°22	F 21
S 22	19 57 13	28°42'17	18°14	10°13	14°15	17°23	13°10	4°57	26°59	24° 4	19°44	0°32	29°21	16°56	11°22	S 22
S 23	20 1 9	29°39'36	1♎22	12° 7	15°10	17°56	13°24	4°53	27° 3	24° 4	19°45	0°28	29°17	17° 3	11°22	S 23
M24	20 5 6	0♌36'55	14°46	14° 0	16° 5	18°29	13°37	4°50	27° 6	24° 5	19°45	0°26	29°14	17°10	11°21	M24
T 25	20 9 3	1°34'14	28°26	15°51	17° 0	19° 3	13°50	4°46	27°10	24° 5	19°46	0°D25	29°11	17°16	11°21	T 25
W26	20 12 59	2°31'34	12♏22	17°40	17°54	19°37	14° 3	4°42	27°14	24° 5	19°46	0°25	29° 8	17°23	11°20	W26
T 27	20 16 56	3°28'55	26°34	19°27	18°47	20°11	14°17	4°39	27°17	24° 5	19°47	0°27	29° 5	17°30	11°19	T 27
F 28	20 20 52	4°26'15	11♐ 1	21°13	19°40	20°45	14°30	4°35	27°21	24°R 5	19°47	0°28	29° 2	17°36	11°19	F 28
S 29	20 24 49	5°23'37	25°39	22°57	20°32	21°19	14°43	4°32	27°25	24° 5	19°48	0°R29	28°58	17°43	11°18	S 29
S 30	20 28 45	6°20'59	10♑24	24°39	21°24	21°54	14°56	4°28	27°28	24° 5	19°48	0°29	28°55	17°50	11°17	S 30
M31	20 32 42	7♌18'22	25♑ 9	26♌20	22♍15	22♎28	15♋ 9	4♑25	27♋32	24♈ 5	19♉49	0♋27	28♊52	17♊56	11♈17	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n10	21s28	1n19	23n18	0s 6	15n12	1n31	2s33	0n 3	23n10	0s 1	22s32	0n46	21n31	0n30	7n43	1s41	3n22	14s46	23n27	23n27	21n10	6n45	2n29
S 2	23 6	23 31	0s 4	23 32	0n 5	14 48	1 28	2 45	0 2	23 10	0 1	22 33	0 46	21 30	0 30	7 43	1 41	3 22	14 46	23 27	23 27	21 12	6 45	2 29
M 3	23 2	23 51	1 27	23 43	0 16	14 23	1 25	2 58	0 0	23 9	0 1	22 33	0 45	21 29	0 30	7 43	1 41	3 22	14 46	23 27	23 27	21 13	6 46	2 29
T 4	22 57	22 28	2 42	23 52	0 27	13 59	1 21	3 11	0s 1	23 8	0 1	22 33	0 45	21 29	0 30	7 44	1 41	3 22	14 47	23 27	23 27	21 15	6 46	2 29
W 5	22 52	19 37	3 45	23 59	0 37	13 34	1 17	3 23	0 2	23 7	0 0	22 34	0 45	21 28	0 30	7 44	1 41	3 22	14 47	23 27	23 27	21 16	6 46	2 29
T 6	22 47	15 40	4 33	24 3	0 46	13 9	1 13	3 36	0 3	23 6	0 0	22 34	0 45	21 27	0 30	7 44	1 41	3 22	14 47	23 27	23 27	21 18	6 47	2 29
F 7	22 41	11 1	5 3	24 5	0 56	12 43	1 9	3 49	0 5	23 5	0 0	22 34	0 45	21 27	0 30	7 44	1 41	3 22	14 47	23 27	23 27	21 20	6 47	2 29
S 8	22 34	5 59	5 16	24 3	1 4	12 18	1 5	4 2	0 6	23 4	0 0	22 34	0 45	21 26	0 30	7 44	1 41	3 22	14 48	23 27	23 27	21 21	6 47	2 29
S 9	22 28	0 51	5 13	23 59	1 12	11 52	1 1	4 15	0 7	23 4	0 0	22 35	0 45	21 25	0 30	7 45	1 41	3 22	14 48	23 27	23 27	21 23	6 47	2 29
M10	22 21	4n10	4 54	23 52	1 19	11 26	0 56	4 28	0 8	23 3	0n 0	22 35	0 45	21 25	0 30	7 45	1 41	3 22	14 48	23 27	23 27	21 24	6 47	2 29
T 11	22 13	8 56	4 23	23 42	1 25	11 0	0 52	4 41	0 9	23 2	0 0	22 35	0 45	21 24	0 30	7 45	1 41	3 22	14 48	23 27	23 27	21 26	6 48	2 29
W12	22 5	13 17	3 41	23 30	1 31	10 34	0 47	4 54	0 10	23 1	0 0	22 36	0 45	21 23	0 30	7 45	1 41	3 22	14 48	23 27	23 27	21 27	6 48	2 29
T 13	21 57	17 4	2 50	23 15	1 35	10 7	0 42	5 8	0 11	23 0	0 0	22 36	0 45	21 23	0 30	7 45	1 41	3 22	14 49	23 27	23 27	21 29	6 48	2 29
F 14	21 48	20 10	1 51	22 57	1 40	9 41	0 37	5 21	0 13	22 58	0 0	22 36	0 44	21 22	0 30	7 45	1 41	3 22	14 49	23 27	23 27	21 31	6 48	2 29
S 15	21 39	22 25	0 48	22 37	1 43	9 14	0 32	5 34	0 14	22 57	0 1	22 36	0 44	21 21	0 30	7 45	1 41	3 22	14 49	23 27	23 27	21 32	6 48	2 30
S 16	21 30	23 41	0n17	22 15	1 45	8 47	0 27	5 48	0 15	22 56	0 1	22 37	0 44	21 20	0 30	7 46	1 42	3 22	14 49	23 27	23 27	21 34	6 48	2 30
M17	21 20	23 52	1 22	21 51	1 47	8 20	0 21	6 1	0 16	22 55	0 1	22 37	0 44	21 20	0 30	7 46	1 42	3 22	14 50	23 27	23 27	21 35	6 48	2 30
T 18	21 10	22 56	2 24	21 25	1 48	7 53	0 16	6 15	0 17	22 54	0 1	22 37	0 44	21 19	0 30	7 46	1 42	3 22	14 50	23 27	23 27	21 37	6 48	2 30
W19	21 0	20 54	3 20	20 57	1 49	7 26	0 10	6 28	0 18	22 53	0 1	22 38	0 44	21 18	0 30	7 46	1 42	3 22	14 50	23 27	23 27	21 38	6 48	2 30
T 20	20 49	17 52	4 7	20 27	1 48	6 59	0 4	6 42	0 19	22 52	0 1	22 38	0 44	21 18	0 30	7 46	1 42	3 21	14 50	23 27	23 27	21 40	6 48	2 30
F 21	20 38	13 57	4 44	19 56	1 47	6 32	0s 2	6 55	0 20	22 51	0 1	22 38	0 44	21 17	0 30	7 46	1 42	3 21	14 51	23 27	23 27	21 41	6 48	2 30
S 22	20 26	9 21	5 6	19 24	1 46	6 5	0 8	7 9	0 21	22 49	0 1	22 38	0 44	21 16	0 30	7 46	1 42	3 21	14 51	23 27	23 27	21 43	6 48	2 30
S 23	20 14	4 15	5 13	18 50	1 44	5 37	0 14	7 23	0 22	22 48	0 1	22 39	0 43	21 16	0 30	7 46	1 42	3 21	14 51	23 27	23 27	21 44	6 48	2 30
M24	20 2	1s 9	5 4	18 15	1 41	5 10	0 21	7 36	0 23	22 47	0 1	22 39	0 43	21 15	0 30	7 46	1 42	3 21	14 51	23 27	23 27	21 46	6 48	2 30
T 25	19 49	6 37	4 37	17 39	1 38	4 43	0 28	7 50	0 24	22 46	0 1	22 39	0 43	21 14	0 30	7 46	1 42	3 21	14 52	23 27	23 27	21 47	6 48	2 30
W26	19 37	11 51	3 53	17 2	1 34	4 16	0 34	8 4	0 25	22 44	0 2	22 39	0 43	21 13	0 30	7 46	1 42	3 21	14 52	23 27	23 27	21 49	6 47	2 30
T 27	19 23	16 34	2 55	16 25	1 30	3 49	0 41	8 17	0 26	22 43	0 2	22 40	0 43	21 13	0 30	7 46	1 42	3 21	14 52	23 27	23 27	21 50	6 47	2 30
F 28	19 10	20 23	1 44	15 47	1 25	3 21	0 48	8 31	0 27	22 42	0 2	22 40	0 43	21 12	0 30	7 46	1 42	3 20	14 53	23 27	23 27	21 52	6 47	2 30
S 29	18 56	22 57	0 26	15 8	1 20	2 54	0 55	8 45	0 28	22 40	0 2	22 40	0 43	21 11	0 30	7 46	1 42	3 20	14 53	23 27	23 27	21 53	6 47	2 30
S 30	18 42	23 57	0s54	14 29	1 14	2 27	1 3	8 59	0 29	22 39	0 2	22 40	0 43	21 11	0 30	7 46	1 42	3 20	14 53	23 27	23 27	21 55	6 47	2 30
M31	18n27	23s15	2s10	13n49	1n 8	2n 0	1s10	9s13	0s30	22n38	0n 2	22s41	0n42	21n10	0n30	7n46	1s42	3n20	14s53	23n27	23n27	21n56	6n46	2n31

Julian Day Number = 2404609.5, Delta T = 0.91 sec
Ecliptic obliquity = 23°27'21, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°56'45, Lahiri = 22°03'45

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ASTRODIENST EPHEMERIS for the year 1871
geocentric

AUGUST 1871 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 36 39	8♌15'45	9♒48	27♌59	23♍ 5	23♎ 3	15♋22	4°R22	27♋35	24°R 5	19♉49	0°R23	28♊49	18♊ 3	11°R16	T 1
W 2	20 40 35	9°13'09	24°14	29°36	23°55	23°38	15°35	4♂18	27°39	24♈ 4	19°49	0♋18	28°46	18°10	11♈15	W 2
T 3	20 44 32	10°10'35	8♓20	1♍11	24°43	24°13	15°48	4°15	27°43	24° 4	19°50	0°12	28°42	18°16	11°14	T 3
F 4	20 48 28	11° 8'01	22° 2	2°45	25°31	24°49	16° 1	4°12	27°46	24° 4	19°50	0° 6	28°39	18°23	11°13	F 4
S 5	20 52 25	12° 5'29	5♈20	4°18	26°19	25°24	16°14	4° 9	27°50	24° 4	19°50	29♊59	28°36	18°29	11°12	S 5
S 6	20 56 21	13° 2'57	18°12	5°48	27° 5	26° 0	16°27	4° 6	27°54	24° 4	19°51	29°56	28°33	18°36	11°11	S 6
M 7	21 0 18	14° 0'27	0♉43	7°17	27°51	26°35	16°39	4° 3	27°57	24° 3	19°51	29°53	28°30	18°43	11° 9	M 7
T 8	21 4 14	14°57'59	12°56	8°44	28°36	27°11	16°52	4° 0	28° 1	24° 3	19°51	29°D52	28°27	18°49	11° 8	T 8
W 9	21 8 11	15°55'32	24°55	10°10	29°20	27°47	17° 5	3°58	28° 4	24° 3	19°52	29°52	28°23	18°56	11° 7	W 9
T 10	21 12 7	16°53'06	6♊46	11°33	0♎ 3	28°23	17°17	3°55	28° 8	24° 2	19°52	29°53	28°20	19° 3	11° 6	T 10
F 11	21 16 4	17°50'42	18°34	12°55	0°45	29° 0	17°30	3°52	28°11	24° 2	19°52	29°55	28°17	19° 9	11° 4	F 11
S 12	21 20 1	18°48'19	0♋23	14°15	1°26	29°36	17°43	3°50	28°15	24° 1	19°52	29°R55	28°14	19°16	11° 3	S 12
S 13	21 23 57	19°45'57	12°19	15°34	2° 6	0♏13	17°55	3°48	28°18	24° 1	19°52	29°54	28°11	19°23	11° 1	S 13
M14	21 27 54	20°43'37	24°24	16°50	2°45	0°50	18° 8	3°45	28°22	24° 0	19°52	29°51	28° 8	19°29	11° 0	M14
T 15	21 31 50	21°41'18	6♌41	18° 5	3°23	1°26	18°20	3°43	28°25	24° 0	19°53	29°46	28° 4	19°36	10°58	T 15
W16	21 35 47	22°39'01	19°13	19°17	4° 0	2° 3	18°32	3°41	28°29	23°59	19°53	29°39	28° 1	19°43	10°57	W16
T 17	21 39 43	23°36'45	1♍59	20°27	4°35	2°41	18°45	3°39	28°32	23°59	19°53	29°30	27°58	19°49	10°55	T 17
F 18	21 43 40	24°34'30	15° 1	21°35	5°10	3°18	18°57	3°37	28°36	23°58	19°53	29°21	27°55	19°56	10°54	F 18
S 19	21 47 36	25°32'16	28°16	22°41	5°43	3°55	19° 9	3°35	28°39	23°57	19°53	29°11	27°52	20° 3	10°52	S 19
S 20	21 51 33	26°30'04	11♎43	23°45	6°14	4°33	19°21	3°33	28°42	23°57	19°R53	29° 3	27°48	20° 9	10°50	S 20
M21	21 55 30	27°27'53	25°21	24°46	6°44	5°11	19°33	3°31	28°46	23°56	19°53	28°57	27°45	20°16	10°48	M21
T 22	21 59 26	28°25'43	9♏ 8	25°44	7°13	5°49	19°45	3°30	28°49	23°55	19°53	28°53	27°42	20°22	10°46	T 22
W23	22 3 23	29°23'34	23° 5	26°40	7°40	6°27	19°57	3°28	28°52	23°54	19°53	28°52	27°39	20°29	10°44	W23
T 24	22 7 19	0♍21'27	7♐ 9	27°32	8° 6	7° 5	20° 9	3°27	28°56	23°53	19°53	28°D52	27°36	20°36	10°43	T 24
F 25	22 11 16	1°19'20	21°21	28°22	8°30	7°43	20°20	3°25	28°59	23°53	19°53	28°R52	27°33	20°42	10°41	F 25
S 26	22 15 12	2°17'15	5♑38	29° 8	8°52	8°21	20°32	3°24	29° 2	23°52	19°53	28°52	27°29	20°49	10°39	S 26
S 27	22 19 9	3°15'11	19°59	29°51	9°13	9° 0	20°44	3°23	29° 5	23°51	19°52	28°51	27°26	20°56	10°37	S 27
M28	22 23 5	4°13'09	4♒20	0♎30	9°31	9°38	20°55	3°22	29° 8	23°50	19°52	28°46	27°23	21° 2	10°34	M28
T 29	22 27 2	5°11'08	18°36	1° 6	9°48	10°17	21° 7	3°21	29°12	23°49	19°52	28°40	27°20	21° 9	10°32	T 29
W30	22 30 59	6° 9'08	2♓43	1°37	10° 3	10°56	21°18	3°20	29°15	23°48	19°52	28°31	27°17	21°16	10°30	W30
T 31	22 34 55	7♍ 7'10	16♓35	2♎ 3	10♎15	11♏35	21♋30	3♑19	29♋18	23♈47	19♉52	28♊20	27♊13	21♊22	10♈28	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n13	20s59	3s18	13n 9	1n 2	1n34	1s18	9s26	0s30	22n36	0n 2	22s41	0n42	21n 9	0n30	7n45	1s42	3n20	14s54	23n27	23n27	21n58	6n46	2n31
W 2	17 58	17 24	4 11	12 29	0 55	1 7	1 25	9 40	0 31	22 35	0 2	22 41	0 42	21 9	0 30	7 45	1 43	3 20	14 54	23 27	23 27	21 59	6 46	2 31
T 3	17 42	12 54	4 48	11 48	0 48	0 40	1 33	9 54	0 32	22 34	0 2	22 41	0 42	21 8	0 30	7 45	1 43	3 20	14 54	23 27	23 27	22 0	6 45	2 31
F 4	17 27	7 52	5 7	11 8	0 40	0 14	1 41	10 8	0 33	22 32	0 2	22 41	0 42	21 7	0 30	7 45	1 43	3 19	14 54	23 27	23 27	22 2	6 45	2 31
S 5	17 11	2 36	5 9	10 27	0 33	0s12	1 49	10 21	0 34	22 31	0 3	22 42	0 42	21 6	0 30	7 45	1 43	3 19	14 55	23 27	23 27	22 3	6 45	2 31
S 6	16 55	2n36	4 55	9 46	0 25	0 39	1 58	10 35	0 35	22 29	0 3	22 42	0 42	21 6	0 30	7 45	1 43	3 19	14 55	23 27	23 27	22 5	6 44	2 31
M 7	16 38	7 34	4 27	9 6	0 17	1 4	2 6	10 49	0 36	22 28	0 3	22 42	0 42	21 5	0 30	7 45	1 43	3 19	14 55	23 27	23 27	22 6	6 44	2 31
T 8	16 21	12 7	3 47	8 26	0 8	1 30	2 15	11 3	0 36	22 26	0 3	22 42	0 41	21 4	0 30	7 44	1 43	3 19	14 56	23 27	23 27	22 8	6 43	2 31
W 9	16 4	16 8	2 58	7 45	0s 1	1 56	2 23	11 16	0 37	22 25	0 3	22 43	0 41	21 4	0 30	7 44	1 43	3 18	14 56	23 27	23 27	22 9	6 43	2 31
T 10	15 47	19 27	2 2	7 5	0 10	2 21	2 32	11 30	0 38	22 23	0 3	22 43	0 41	21 3	0 30	7 44	1 43	3 18	14 56	23 27	23 27	22 10	6 42	2 31
F 11	15 30	21 57	1 1	6 26	0 19	2 46	2 41	11 44	0 39	22 22	0 3	22 43	0 41	21 2	0 31	7 44	1 43	3 18	14 56	23 27	23 27	22 12	6 42	2 31
S 12	15 12	23 30	0n 3	5 46	0 28	3 11	2 50	11 58	0 40	22 20	0 3	22 43	0 41	21 2	0 31	7 44	1 43	3 18	14 57	23 27	23 27	22 13	6 41	2 31
S 13	14 54	23 59	1 6	5 7	0 37	3 35	3 0	12 11	0 41	22 19	0 3	22 43	0 41	21 1	0 31	7 43	1 43	3 17	14 57	23 27	23 27	22 15	6 41	2 31
M14	14 36	23 21	2 8	4 29	0 47	3 59	3 9	12 25	0 41	22 17	0 4	22 44	0 41	21 0	0 31	7 43	1 43	3 17	14 57	23 27	23 27	22 16	6 40	2 31
T 15	14 17	21 35	3 5	3 51	0 57	4 23	3 18	12 38	0 42	22 16	0 4	22 44	0 40	20 59	0 31	7 43	1 43	3 17	14 58	23 27	23 27	22 17	6 40	2 31
W16	13 58	18 46	3 53	3 14	1 6	4 46	3 28	12 52	0 43	22 14	0 4	22 44	0 40	20 59	0 31	7 43	1 43	3 17	14 58	23 27	23 26	22 19	6 39	2 31
T 17	13 40	14 59	4 31	2 37	1 16	5 9	3 38	13 6	0 44	22 12	0 4	22 44	0 40	20 58	0 31	7 42	1 43	3 16	14 58	23 27	23 26	22 20	6 39	2 31
F 18	13 20	10 27	4 56	2 1	1 26	5 32	3 48	13 19	0 44	22 11	0 4	22 44	0 40	20 57	0 31	7 42	1 43	3 16	14 58	23 27	23 26	22 22	6 38	2 31
S 19	13 1	5 21	5 5	1 26	1 36	5 54	3 58	13 33	0 45	22 9	0 4	22 45	0 40	20 57	0 31	7 42	1 44	3 16	14 59	23 27	23 26	22 23	6 37	2 31
S 20	12 41	0s 4	4 58	0 51	1 46	6 16	4 8	13 46	0 46	22 8	0 4	22 45	0 40	20 56	0 31	7 41	1 44	3 16	14 59	23 27	23 26	22 24	6 37	2 31
M21	12 22	5 34	4 34	0 18	1 57	6 37	4 18	13 59	0 47	22 6	0 4	22 45	0 40	20 55	0 31	7 41	1 44	3 15	14 59	23 27	23 26	22 26	6 36	2 31
T 22	12 2	10 52	3 54	0s14	2 7	6 58	4 28	14 13	0 47	22 4	0 4	22 45	0 40	20 55	0 31	7 41	1 44	3 15	14 59	23 27	23 26	22 27	6 35	2 31
W23	11 42	15 40	2 59	0 46	2 17	7 18	4 38	14 26	0 48	22 3	0 4	22 45	0 39	20 54	0 31	7 40	1 44	3 15	15 0	23 27	23 26	22 28	6 35	2 31
T 24	11 21	19 39	1 53	1 16	2 27	7 38	4 49	14 39	0 49	22 1	0 5	22 45	0 39	20 53	0 31	7 40	1 44	3 15	15 0	23 27	23 26	22 30	6 34	2 32
F 25	11 1	22 30	0 40	1 44	2 36	7 57	4 59	14 52	0 49	21 59	0 5	22 46	0 39	20 53	0 31	7 40	1 44	3 14	15 0	23 27	23 26	22 31	6 33	2 32
S 26	10 40	23 56	0s36	2 12	2 46	8 15	5 9	15 5	0 50	21 58	0 5	22 46	0 39	20 52	0 31	7 39	1 44	3 14	15 1	23 27	23 26	22 32	6 32	2 32
S 27	10 19	23 47	1 50	2 38	2 56	8 33	5 20	15 18	0 51	21 56	0 5	22 46	0 39	20 51	0 31	7 39	1 44	3 14	15 1	23 27	23 26	22 34	6 32	2 32
M28	9 58	22 3	2 57	3 2	3 5	8 50	5 30	15 31	0 51	21 55	0 5	22 46	0 39	20 51	0 31	7 39	1 44	3 13	15 1	23 27	23 26	22 35	6 31	2 32
T 29	9 37	18 56	3 52	3 24	3 14	9 6	5 41	15 44	0 52	21 53	0 5	22 46	0 39	20 50	0 31	7 38	1 44	3 13	15 1	23 27	23 26	22 36	6 30	2 32
W30	9 16	14 45	4 33	3 44	3 23	9 22	5 51	15 57	0 53	21 51	0 5	22 46	0 38	20 50	0 31	7 38	1 44	3 13	15 2	23 27	23 26	22 38	6 29	2 32
T 31	8n54	9s51	4s56	4s 3	3s31	9s36	6s 2	16s10	0s53	21n50	0n 5	22s47	0n38	20n49	0n31	7n37	1s44	3n12	15s 2	23n27	23n26	22n39	6n28	2n32

Julian Day Number = 2404640.5, Delta T = 0.84 sec
Ecliptic obliquity = 23°27'22, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°56'49, Lahiri = 22°03'49

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ASTRODIENST EPHEMERIS for the year 1871
geocentric

SEPTEMBER 1871 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 38 52	8♍ 5'14	0♈ 8	2♎25	10♎26	12♏14	21♋41	3°R18	29♋21	23°R46	19°R51	28°R 9	27♊10	21♊29	10°R26	F 1
S 2	22 42 48	9° 3'19	13°21	2°42	10°35	12°53	21°52	3♏18	29°24	23♈45	19♉51	27♊58	27° 7	21°36	10♈24	S 2
S 3	22 46 45	10° 1'27	26°11	2°53	10°41	13°32	22° 3	3°17	29°27	23°44	19°51	27°49	27° 4	21°42	10°21	S 3
M 4	22 50 41	10°59'36	8♉41	2°59	10°45	14°12	22°14	3°17	29°30	23°43	19°51	27°43	27° 1	21°49	10°19	M 4
T 5	22 54 38	11°57'47	20°54	2°R59	10°R47	14°51	22°25	3°17	29°33	23°42	19°50	27°39	26°58	21°55	10°17	T 5
W 6	22 58 34	12°56'00	2♊53	2°53	10°47	15°31	22°36	3°16	29°36	23°40	19°50	27°37	26°54	22° 2	10°14	W 6
T 7	23 2 31	13°54'15	14°44	2°41	10°44	16°11	22°46	3°16	29°39	23°39	19°50	27°D36	26°51	22° 9	10°12	T 7
F 8	23 6 28	14°52'33	26°32	2°22	10°39	16°51	22°57	3°D16	29°42	23°38	19°49	27°R37	26°48	22°15	10° 9	F 8
S 9	23 10 24	15°50'52	8♋23	1°56	10°32	17°31	23° 8	3°16	29°44	23°37	19°49	27°36	26°45	22°22	10° 7	S 9
S 10	23 14 21	16°49'14	20°21	1°24	10°22	18°11	23°18	3°17	29°47	23°35	19°48	27°34	26°42	22°29	10° 5	S 10
M11	23 18 17	17°47'37	2♌32	0°45	10°10	18°51	23°29	3°17	29°50	23°34	19°48	27°30	26°39	22°35	10° 2	M11
T 12	23 22 14	18°46'03	14°59	0° 1	9°56	19°31	23°39	3°17	29°53	23°33	19°48	27°23	26°35	22°42	9°59	T 12
W13	23 26 10	19°44'30	27°45	29♍11	9°39	20°12	23°49	3°18	29°55	23°32	19°47	27°14	26°32	22°49	9°57	W13
T 14	23 30 7	20°43'00	10♍50	28°16	9°20	20°52	23°59	3°18	29°58	23°30	19°47	27° 2	26°29	22°55	9°54	T 14
F 15	23 34 3	21°41'31	24°13	27°17	8°58	21°33	24° 9	3°19	0♌ 1	23°29	19°46	26°49	26°26	23° 2	9°52	F 15
S 16	23 38 0	22°40'04	7♎53	26°15	8°35	22°14	24°19	3°20	0° 3	23°28	19°46	26°37	26°23	23° 9	9°49	S 16
S 17	23 41 57	23°38'39	21°45	25°12	8°10	22°54	24°29	3°21	0° 6	23°26	19°45	26°26	26°19	23°15	9°46	S 17
M18	23 45 53	24°37'16	5♏46	24° 8	7°42	23°35	24°38	3°22	0° 8	23°25	19°44	26°17	26°16	23°22	9°44	M18
T 19	23 49 50	25°35'55	19°52	23° 6	7°13	24°16	24°48	3°23	0°11	23°23	19°44	26°12	26°13	23°28	9°41	T 19
W20	23 53 46	26°34'35	4♐ 0	22° 7	6°42	24°58	24°57	3°24	0°13	23°22	19°43	26° 9	26°10	23°35	9°38	W20
T 21	23 57 43	27°33'17	18° 8	21°12	6° 9	25°39	25° 7	3°25	0°15	23°20	19°43	26° 8	26° 7	23°42	9°36	T 21
F 22	0 1 39	28°32'01	2♑15	20°23	5°36	26°20	25°16	3°26	0°18	23°19	19°42	26° 8	26° 4	23°48	9°33	F 22
S 23	0 5 36	29°30'46	16°19	19°42	5° 1	27° 2	25°25	3°28	0°20	23°17	19°41	26° 7	26° 0	23°55	9°30	S 23
S 24	0 9 32	0♎29'34	0♒20	19° 9	4°25	27°43	25°34	3°29	0°22	23°16	19°41	26° 5	25°57	24° 2	9°28	S 24
M25	0 13 29	1°28'22	14°17	18°45	3°49	28°25	25°43	3°31	0°25	23°14	19°40	26° 0	25°54	24° 8	9°25	M25
T 26	0 17 26	2°27'13	28° 8	18°30	3°12	29° 7	25°51	3°33	0°27	23°13	19°39	25°52	25°51	24°15	9°22	T 26
W27	0 21 22	3°26'05	11♓49	18°D26	2°35	29°49	26° 0	3°35	0°29	23°11	19°39	25°42	25°48	24°22	9°19	W27
T 28	0 25 19	4°24'59	25°19	18°32	1°58	0♐31	26° 9	3°37	0°31	23°10	19°38	25°30	25°45	24°28	9°17	T 28
F 29	0 29 15	5°23'55	8♈34	18°48	1°21	1°13	26°17	3°39	0°33	23° 8	19°37	25°17	25°41	24°35	9°14	F 29
S 30	0 33 12	6♎22'54	21♈33	19♍15	0♎45	1♐55	26♋25	3♏41	0♌35	23♈ 7	19♉36	25♊ 5	25♊38	24♊42	9♈11	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n33	4s34	5s 2	4s19	3s39	9s50	6s12	16s22	0s54	21n48	0n 5	22s47	0n38	20n48	0n31	7n37	1s44	3n12	15s 2	23n27	23n26	22n40	6n27	2n32
S 2	8 11	0n47	4 52	4 32	3 46	10 3	6 22	16 35	0 54	21 46	0 6	22 47	0 38	20 48	0 31	7 37	1 44	3 12	15 3	23 26	23 25	22 42	6 26	2 32
S 3	7 49	5 58	4 27	4 43	3 53	10 15	6 33	16 47	0 55	21 45	0 6	22 47	0 38	20 47	0 31	7 36	1 44	3 11	15 3	23 26	23 25	22 43	6 26	2 32
M 4	7 27	10 47	3 49	4 51	3 59	10 26	6 43	17 0	0 56	21 43	0 6	22 47	0 38	20 47	0 31	7 36	1 44	3 11	15 3	23 26	23 25	22 44	6 25	2 32
T 5	7 5	15 4	3 2	4 55	4 4	10 35	6 52	17 12	0 56	21 41	0 6	22 47	0 38	20 46	0 31	7 35	1 44	3 11	15 3	23 26	23 25	22 45	6 24	2 32
W 6	6 43	18 40	2 7	4 57	4 8	10 44	7 2	17 24	0 57	21 40	0 6	22 48	0 37	20 45	0 31	7 35	1 44	3 10	15 4	23 26	23 25	22 47	6 23	2 32
T 7	6 20	21 27	1 8	4 55	4 12	10 52	7 12	17 36	0 57	21 38	0 6	22 48	0 37	20 45	0 31	7 34	1 44	3 10	15 4	23 26	23 25	22 48	6 22	2 32
F 8	5 58	23 19	0 6	4 49	4 14	10 58	7 21	17 48	0 58	21 36	0 6	22 48	0 37	20 44	0 31	7 34	1 44	3 10	15 4	23 26	23 25	22 49	6 21	2 32
S 9	5 35	24 8	0n57	4 39	4 14	11 3	7 29	18 0	0 59	21 35	0 6	22 48	0 37	20 44	0 31	7 33	1 45	3 9	15 4	23 26	23 25	22 51	6 20	2 32
S 10	5 12	23 51	1 58	4 26	4 13	11 7	7 38	18 12	0 59	21 33	0 6	22 48	0 37	20 43	0 31	7 33	1 45	3 9	15 5	23 26	23 25	22 52	6 19	2 32
M11	4 50	22 26	2 54	4 8	4 11	11 10	7 46	18 24	1 0	21 31	0 7	22 48	0 37	20 43	0 31	7 32	1 45	3 9	15 5	23 26	23 25	22 53	6 18	2 32
T 12	4 27	19 54	3 43	3 46	4 6	11 11	7 54	18 35	1 0	21 30	0 7	22 48	0 37	20 42	0 31	7 32	1 45	3 8	15 5	23 26	23 25	22 54	6 17	2 32
W13	4 4	16 22	4 22	3 21	4 0	11 11	8 1	18 47	1 1	21 28	0 7	22 48	0 36	20 41	0 31	7 31	1 45	3 8	15 5	23 26	23 25	22 56	6 16	2 32
T 14	3 41	11 58	4 49	2 52	3 52	11 9	8 7	18 58	1 1	21 26	0 7	22 49	0 36	20 41	0 31	7 31	1 45	3 8	15 6	23 25	23 25	22 57	6 15	2 31
F 15	3 18	6 53	5 0	2 19	3 42	11 6	8 13	19 9	1 2	21 25	0 7	22 49	0 36	20 40	0 31	7 30	1 45	3 7	15 6	23 25	23 24	22 58	6 14	2 31
S 16	2 55	1 23	4 55	1 43	3 30	11 2	8 18	19 20	1 2	21 23	0 7	22 49	0 36	20 40	0 31	7 30	1 45	3 7	15 6	23 25	23 24	22 59	6 13	2 31
S 17	2 32	4s16	4 32	1 6	3 17	10 56	8 23	19 31	1 3	21 22	0 7	22 49	0 36	20 39	0 31	7 29	1 45	3 7	15 6	23 24	23 24	23 0	6 12	2 31
M18	2 8	9 47	3 53	0 26	3 1	10 49	8 27	19 42	1 3	21 20	0 7	22 49	0 36	20 39	0 31	7 29	1 45	3 6	15 7	23 24	23 24	23 2	6 11	2 31
T 19	1 45	14 51	2 59	0n14	2 44	10 40	8 30	19 53	1 4	21 18	0 8	22 49	0 36	20 38	0 31	7 28	1 45	3 6	15 7	23 24	23 24	23 3	6 9	2 31
W20	1 22	19 6	1 54	0 54	2 26	10 30	8 32	20 4	1 4	21 17	0 8	22 49	0 35	20 38	0 31	7 27	1 45	3 5	15 7	23 24	23 24	23 4	6 8	2 31
T 21	0 58	22 14	0 42	1 33	2 7	10 18	8 34	20 14	1 5	21 15	0 8	22 49	0 35	20 37	0 31	7 27	1 45	3 5	15 7	23 24	23 24	23 5	6 7	2 31
F 22	0 35	23 59	0s32	2 10	1 47	10 5	8 34	20 24	1 5	21 14	0 8	22 49	0 35	20 37	0 32	7 26	1 45	3 5	15 8	23 24	23 24	23 7	6 6	2 31
S 23	0 12	24 11	1 45	2 45	1 27	9 51	8 34	20 34	1 6	21 12	0 8	22 50	0 35	20 36	0 32	7 26	1 45	3 4	15 8	23 24	23 24	23 8	6 5	2 31
S 24	0s12	22 52	2 50	3 17	1 7	9 36	8 33	20 44	1 6	21 11	0 8	22 50	0 35	20 36	0 32	7 25	1 45	3 4	15 8	23 24	23 24	23 9	6 4	2 31
M25	0 35	20 9	3 45	3 44	0 47	9 19	8 31	20 54	1 6	21 9	0 8	22 50	0 35	20 36	0 32	7 25	1 45	3 4	15 8	23 24	23 24	23 10	6 3	2 31
T 26	0 59	16 18	4 27	4 7	0 28	9 2	8 28	21 4	1 7	21 8	0 8	22 50	0 35	20 35	0 32	7 24	1 45	3 3	15 8	23 24	23 23	23 11	6 2	2 31
W27	1 22	11 38	4 52	4 26	0 9	8 43	8 23	21 13	1 7	21 6	0 9	22 50	0 35	20 35	0 32	7 23	1 45	3 3	15 9	23 23	23 23	23 12	6 1	2 31
T 28	1 45	6 27	5 1	4 40	0n 8	8 24	8 18	21 23	1 8	21 5	0 9	22 50	0 34	20 34	0 32	7 23	1 45	3 2	15 9	23 23	23 23	23 14	5 59	2 31
F 29	2 9	1 5	4 53	4 48	0 25	8 4	8 13	21 32	1 8	21 3	0 9	22 50	0 34	20 34	0 32	7 22	1 45	3 2	15 9	23 22	23 23	23 15	5 58	2 31
S 30	2s32	4n14	4s30	4n52	0n40	7s43	8s 6	21s41	1s 8	21n 2	0n 9	22s50	0n34	20n33	0n32	7n22	1s45	3n 2	15s 9	23n22	23n23	23n16	5n57	2n31

Julian Day Number = 2404671.5, Delta T = 0.78 sec
Ecliptic obliquity = 23°27'23, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°56'53, Lahiri = 22°03'54

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ASTRODIENST EPHEMERIS for the year 1871
geocentric

OCTOBER 1871 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 37 8	7♎21'54	4♉14	19♍50	0°R10	2♐37	26♋33	3♑43	0♌37	23°R 5	19°R36	24°R55	25♊35	24♊48	9°R 8	S 1
M 2	0 41 5	8°20'56	16°38	20°35	29♍36	3°19	26°41	3°45	0°39	23♈ 3	19♉35	24♊47	25°32	24°55	9♈ 5	M 2
T 3	0 45 1	9°20'01	28°47	21°27	29° 3	4° 2	26°49	3°48	0°41	23° 2	19°34	24°41	25°29	25° 2	9° 3	T 3
W 4	0 48 58	10°19'08	10♊45	22°28	28°31	4°44	26°57	3°50	0°42	23° 0	19°33	24°39	25°25	25° 8	9° 0	W 4
T 5	0 52 54	11°18'17	22°35	23°35	28° 1	5°27	27° 4	3°53	0°44	22°59	19°32	24°D38	25°22	25°15	8°57	T 5
F 6	0 56 51	12°17'29	4♋22	24°48	27°33	6° 9	27°12	3°55	0°46	22°57	19°31	24°38	25°19	25°21	8°54	F 6
S 7	1 0 48	13°16'43	16°13	26° 7	27° 7	6°52	27°19	3°58	0°48	22°55	19°31	24°R38	25°16	25°28	8°52	S 7
S 8	1 4 44	14°15'59	28°12	27°30	26°43	7°35	27°26	4° 1	0°49	22°54	19°30	24°37	25°13	25°35	8°49	S 8
M 9	1 8 41	15°15'18	10♌24	28°57	26°21	8°18	27°33	4° 4	0°51	22°52	19°29	24°34	25°10	25°41	8°46	M 9
T 10	1 12 37	16°14'39	22°55	0♎28	26° 2	9° 1	27°40	4° 7	0°52	22°50	19°28	24°29	25° 6	25°48	8°43	T 10
W11	1 16 34	17°14'02	5♍47	2° 2	25°44	9°44	27°47	4°10	0°54	22°49	19°27	24°21	25° 3	25°55	8°41	W11
T 12	1 20 30	18°13'27	19° 3	3°38	25°29	10°27	27°53	4°13	0°55	22°47	19°26	24°11	25° 0	26° 1	8°38	T 12
F 13	1 24 27	19°12'54	2♎43	5°15	25°17	11°10	28° 0	4°17	0°57	22°45	19°25	24° 1	24°57	26° 8	8°35	F 13
S 14	1 28 23	20°12'24	16°44	6°55	25° 7	11°54	28° 6	4°20	0°58	22°44	19°24	23°50	24°54	26°15	8°32	S 14
S 15	1 32 20	21°11'56	1♏ 1	8°35	24°59	12°37	28°12	4°23	0°59	22°42	19°23	23°40	24°50	26°21	8°30	S 15
M16	1 36 17	22°11'29	15°28	10°16	24°54	13°21	28°18	4°27	1° 0	22°40	19°22	23°33	24°47	26°28	8°27	M16
T 17	1 40 13	23°11'05	0♐ 0	11°58	24°51	14° 4	28°24	4°31	1° 1	22°39	19°21	23°28	24°44	26°35	8°24	T 17
W18	1 44 10	24°10'42	14°30	13°40	24°D51	14°48	28°29	4°34	1° 3	22°37	19°20	23°26	24°41	26°41	8°22	W18
T 19	1 48 6	25°10'22	28°54	15°23	24°53	15°32	28°35	4°38	1° 4	22°35	19°19	23°D26	24°38	26°48	8°19	T 19
F 20	1 52 3	26°10'03	13♑ 9	17° 5	24°57	16°16	28°40	4°42	1° 5	22°34	19°18	23°27	24°35	26°54	8°16	F 20
S 21	1 55 59	27° 9'45	27°13	18°48	25° 4	17° 0	28°45	4°46	1° 6	22°32	19°17	23°R27	24°31	27° 1	8°14	S 21
S 22	1 59 56	28° 9'30	11♒ 5	20°30	25°13	17°44	28°50	4°50	1° 6	22°30	19°16	23°26	24°28	27° 8	8°11	S 22
M23	2 3 52	29° 9'16	24°46	22°12	25°24	18°28	28°55	4°54	1° 7	22°29	19°15	23°23	24°25	27°14	8° 9	M23
T 24	2 7 49	0♏ 9'03	8♓16	23°54	25°37	19°12	29° 0	4°58	1° 8	22°27	19°14	23°18	24°22	27°21	8° 6	T 24
W25	2 11 46	1° 8'53	21°33	25°35	25°53	19°56	29° 4	5° 3	1° 9	22°25	19°13	23°11	24°19	27°28	8° 4	W25
T 26	2 15 42	2° 8'44	4♈39	27°16	26°10	20°40	29° 8	5° 7	1°10	22°24	19°12	23° 2	24°16	27°34	8° 1	T 26
F 27	2 19 39	3° 8'37	17°32	28°57	26°29	21°25	29°12	5°11	1°10	22°22	19°11	22°53	24°12	27°41	7°59	F 27
S 28	2 23 35	4° 8'31	0♉11	0♏37	26°51	22° 9	29°16	5°16	1°11	22°20	19°10	22°44	24° 9	27°48	7°56	S 28
S 29	2 27 32	5° 8'28	12°38	2°17	27°14	22°54	29°20	5°20	1°11	22°19	19° 9	22°36	24° 6	27°54	7°54	S 29
M30	2 31 28	6° 8'27	24°52	3°56	27°39	23°38	29°24	5°25	1°12	22°17	19° 8	22°30	24° 3	28° 1	7°51	M30
T 31	2 35 25	7♏ 8'28	6♊55	5♏35	28♍ 5	24♐23	29♋27	5♑30	1♌12	22♈15	19♉ 7	22♊27	24♊ 0	28♊ 8	7♈49	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s55	9n16	3s54	4n51	0n53	7s22	7s58	21s49	1s 9	21n 0	0n 9	22s50	0n34	20n33	0n32	7n21	1s45	3n 1	15s 9	23n22	23n23	23n17	5n56	2n31
M 2	3 19	13 50	3 7	4 45	1 6	7 1	7 50	21 58	1 9	20 59	0 9	22 50	0 34	20 33	0 32	7 20	1 45	3 1	15 10	23 21	23 23	23 18	5 55	2 31
T 3	3 42	17 45	2 13	4 34	1 17	6 40	7 41	22 6	1 10	20 58	0 9	22 50	0 34	20 32	0 32	7 20	1 45	3 1	15 10	23 21	23 23	23 19	5 54	2 31
W 4	4 5	20 52	1 13	4 19	1 26	6 18	7 31	22 15	1 10	20 56	0 10	22 50	0 34	20 32	0 32	7 19	1 45	3 0	15 10	23 21	23 23	23 20	5 52	2 30
T 5	4 29	23 4	0 11	4 0	1 34	5 57	7 20	22 23	1 10	20 55	0 10	22 51	0 33	20 32	0 32	7 19	1 45	3 0	15 10	23 21	23 23	23 22	5 51	2 30
F 6	4 52	24 15	0n52	3 37	1 41	5 35	7 9	22 31	1 11	20 54	0 10	22 51	0 33	20 31	0 32	7 18	1 45	2 59	15 10	23 21	23 22	23 23	5 50	2 30
S 7	5 15	24 20	1 52	3 11	1 47	5 14	6 58	22 38	1 11	20 52	0 10	22 51	0 33	20 31	0 32	7 17	1 45	2 59	15 10	23 21	23 22	23 24	5 49	2 30
S 8	5 38	23 17	2 49	2 42	1 51	4 54	6 46	22 46	1 11	20 51	0 10	22 51	0 33	20 31	0 32	7 17	1 45	2 59	15 11	23 21	23 22	23 25	5 48	2 30
M 9	6 1	21 9	3 38	2 10	1 55	4 34	6 33	22 53	1 12	20 50	0 10	22 51	0 33	20 30	0 32	7 16	1 45	2 58	15 11	23 21	23 22	23 26	5 47	2 30
T 10	6 24	17 58	4 19	1 36	1 57	4 14	6 20	23 0	1 12	20 49	0 10	22 51	0 33	20 30	0 32	7 15	1 45	2 58	15 11	23 20	23 22	23 27	5 45	2 30
W11	6 46	13 51	4 48	1 0	1 58	3 55	6 7	23 7	1 12	20 47	0 10	22 51	0 33	20 30	0 32	7 15	1 45	2 58	15 11	23 20	23 22	23 28	5 44	2 30
T 12	7 9	8 58	5 2	0 22	1 59	3 37	5 54	23 14	1 13	20 46	0 11	22 51	0 33	20 29	0 32	7 14	1 45	2 57	15 11	23 20	23 22	23 29	5 43	2 30
F 13	7 32	3 30	5 0	0s17	1 58	3 20	5 41	23 20	1 13	20 45	0 11	22 51	0 32	20 29	0 32	7 14	1 45	2 57	15 11	23 19	23 22	23 30	5 42	2 30
S 14	7 54	2s16	4 40	0 57	1 57	3 4	5 27	23 26	1 13	20 44	0 11	22 51	0 32	20 29	0 32	7 13	1 45	2 56	15 11	23 19	23 21	23 31	5 41	2 30
S 15	8 17	8 3	4 2	1 39	1 55	2 48	5 13	23 32	1 13	20 43	0 11	22 51	0 32	20 29	0 32	7 12	1 45	2 56	15 12	23 18	23 21	23 33	5 40	2 29
M16	8 39	13 29	3 8	2 21	1 53	2 33	5 0	23 38	1 14	20 42	0 11	22 51	0 32	20 28	0 32	7 12	1 45	2 56	15 12	23 18	23 21	23 34	5 38	2 29
T 17	9 1	18 11	2 2	3 3	1 50	2 20	4 46	23 44	1 14	20 41	0 11	22 51	0 32	20 28	0 32	7 11	1 45	2 55	15 12	23 18	23 21	23 35	5 37	2 29
W18	9 23	21 46	0 48	3 46	1 46	2 7	4 32	23 49	1 14	20 40	0 11	22 51	0 32	20 28	0 32	7 10	1 45	2 55	15 12	23 18	23 21	23 36	5 36	2 29
T 19	9 45	23 56	0s29	4 29	1 42	1 55	4 18	23 54	1 14	20 39	0 12	22 51	0 32	20 28	0 32	7 10	1 45	2 55	15 12	23 18	23 21	23 37	5 35	2 29
F 20	10 7	24 32	1 44	5 13	1 38	1 44	4 5	23 59	1 15	20 38	0 12	22 51	0 32	20 28	0 32	7 9	1 45	2 54	15 12	23 18	23 21	23 38	5 34	2 29
S 21	10 28	23 31	2 51	5 56	1 33	1 35	3 51	24 4	1 15	20 37	0 12	22 51	0 31	20 27	0 33	7 9	1 45	2 54	15 12	23 18	23 21	23 39	5 33	2 29
S 22	10 50	21 6	3 47	6 39	1 28	1 26	3 38	24 8	1 15	20 36	0 12	22 51	0 31	20 27	0 33	7 8	1 45	2 54	15 12	23 18	23 20	23 40	5 31	2 29
M23	11 11	17 30	4 29	7 23	1 22	1 18	3 25	24 12	1 15	20 35	0 12	22 51	0 31	20 27	0 33	7 7	1 45	2 53	15 12	23 17	23 20	23 41	5 30	2 28
T 24	11 32	13 3	4 56	8 5	1 17	1 12	3 12	24 16	1 15	20 35	0 12	22 51	0 31	20 27	0 33	7 7	1 45	2 53	15 12	23 17	23 20	23 42	5 29	2 28
W25	11 53	8 2	5 6	8 48	1 11	1 6	2 59	24 20	1 16	20 34	0 13	22 51	0 31	20 27	0 33	7 6	1 45	2 53	15 13	23 17	23 20	23 43	5 28	2 28
T 26	12 14	2 45	5 0	9 30	1 5	1 1	2 47	24 23	1 16	20 33	0 13	22 51	0 31	20 27	0 33	7 6	1 45	2 52	15 13	23 16	23 20	23 44	5 27	2 28
F 27	12 34	2n35	4 39	10 11	0 59	0 58	2 34	24 27	1 16	20 32	0 13	22 51	0 31	20 27	0 33	7 5	1 45	2 52	15 13	23 16	23 20	23 45	5 26	2 28
S 28	12 55	7 44	4 4	10 53	0 52	0 55	2 22	24 29	1 16	20 32	0 13	22 50	0 31	20 27	0 33	7 4	1 45	2 52	15 13	23 15	23 20	23 46	5 25	2 28
S 29	13 15	12 29	3 18	11 33	0 46	0 53	2 10	24 32	1 16	20 31	0 13	22 50	0 31	20 27	0 33	7 4	1 45	2 51	15 13	23 15	23 19	23 47	5 24	2 28
M30	13 35	16 40	2 24	12 13	0 40	0 53	1 59	24 35	1 16	20 31	0 13	22 50	0 30	20 26	0 33	7 3	1 45	2 51	15 13	23 15	23 19	23 48	5 23	2 28
T 31	13s54	20n 7	1s23	12s52	0n33	0s53	1s47	24s37	1s17	20n30	0n13	22s50	0n30	20n26	0n33	7n 3	1s45	2n51	15s13	23n14	23n19	23n49	5n22	2n27

Julian Day Number = 2404701.5, Delta T = 0.71 sec
Ecliptic obliquity = 23°27'23, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°56'57, Lahiri = 22°03'58

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1871
geocentric

NOVEMBER 1871 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 39 21	8♏ 8'30	18♊49	7♏13	28♍34	25♐ 8	29♋30	5♑35	1♌12	22°R14	19°R 5	22°D25	23♊56	28♊14	7°R47	W 1
T 2	2 43 18	9° 8'35	0♋37	8°51	29° 4	25°52	29°33	5°39	1°13	22♈12	19♉ 4	22♊26	23°53	28°21	7♈44	T 2
F 3	2 47 15	10° 8'42	12°23	10°28	29°35	26°37	29°36	5°44	1°13	22°11	19° 3	22°27	23°50	28°27	7°42	F 3
S 4	2 51 11	11° 8'51	24°13	12° 5	0♎ 8	27°22	29°39	5°49	1°13	22° 9	19° 2	22°29	23°47	28°34	7°40	S 4
S 5	2 55 8	12° 9'02	6♌10	13°42	0°43	28° 7	29°41	5°54	1°13	22° 7	19° 1	22°30	23°44	28°41	7°38	S 5
M 6	2 59 4	13° 9'15	18°20	15°18	1°19	28°52	29°43	5°59	1°13	22° 6	19° 0	22°R30	23°41	28°47	7°36	M 6
T 7	3 3 1	14° 9'30	0♍49	16°54	1°56	29°37	29°45	6° 5	1°R13	22° 4	18°59	22°28	23°37	28°54	7°34	T 7
W 8	3 6 57	15° 9'47	13°40	18°29	2°34	0♑22	29°47	6°10	1°13	22° 3	18°58	22°25	23°34	29° 1	7°31	W 8
T 9	3 10 54	16°10'06	26°56	20° 4	3°14	1° 8	29°49	6°15	1°13	22° 1	18°57	22°21	23°31	29° 7	7°29	T 9
F 10	3 14 50	17°10'27	10♎40	21°39	3°55	1°53	29°50	6°21	1°13	22° 0	18°55	22°15	23°28	29°14	7°27	F 10
S 11	3 18 47	18°10'49	24°49	23°13	4°37	2°38	29°52	6°26	1°13	21°58	18°54	22°10	23°25	29°21	7°26	S 11
S 12	3 22 44	19°11'14	9♏21	24°48	5°20	3°24	29°53	6°32	1°13	21°57	18°53	22° 5	23°22	29°27	7°24	S 12
M13	3 26 40	20°11'41	24° 9	26°21	6° 5	4° 9	29°54	6°37	1°12	21°55	18°52	22° 1	23°18	29°34	7°22	M13
T 14	3 30 37	21°12'09	9♐ 5	27°55	6°50	4°55	29°54	6°43	1°12	21°54	18°51	21°59	23°15	29°41	7°20	T 14
W15	3 34 33	22°12'38	24° 0	29°28	7°36	5°40	29°55	6°48	1°12	21°53	18°50	21°D58	23°12	29°47	7°18	W15
T 16	3 38 30	23°13'10	8♑48	1♐ 1	8°23	6°26	29°55	6°54	1°11	21°51	18°49	21°59	23° 9	29°54	7°16	T 16
F 17	3 42 26	24°13'42	23°22	2°34	9°11	7°12	29°R55	7° 0	1°11	21°50	18°48	22° 0	23° 6	0♋ 1	7°15	F 17
S 18	3 46 23	25°14'16	7♒39	4° 7	10° 0	7°57	29°55	7° 6	1°10	21°49	18°46	22° 2	23° 2	0° 7	7°13	S 18
S 19	3 50 19	26°14'50	21°36	5°39	10°50	8°43	29°55	7°12	1° 9	21°47	18°45	22°R 3	22°59	0°14	7°11	S 19
M20	3 54 16	27°15'26	5♓13	7°11	11°41	9°29	29°54	7°18	1° 9	21°46	18°44	22° 2	22°56	0°20	7°10	M20
T 21	3 58 13	28°16'03	18°32	8°43	12°32	10°15	29°53	7°24	1° 8	21°45	18°43	22° 1	22°53	0°27	7° 8	T 21
W22	4 2 9	29°16'42	1♈34	10°15	13°24	11° 1	29°53	7°30	1° 7	21°43	18°42	21°59	22°50	0°34	7° 7	W22
T 23	4 6 6	0♐17'21	14°21	11°47	14°17	11°47	29°51	7°36	1° 6	21°42	18°41	21°56	22°47	0°40	7° 6	T 23
F 24	4 10 2	1°18'02	26°54	13°18	15°11	12°33	29°50	7°42	1° 6	21°41	18°40	21°52	22°43	0°47	7° 4	F 24
S 25	4 13 59	2°18'43	9♉15	14°49	16° 5	13°19	29°49	7°48	1° 5	21°40	18°39	21°49	22°40	0°54	7° 3	S 25
S 26	4 17 55	3°19'26	21°26	16°20	17° 0	14° 5	29°47	7°54	1° 4	21°39	18°38	21°46	22°37	1° 0	7° 2	S 26
M27	4 21 52	4°20'11	3♊28	17°51	17°55	14°51	29°45	8° 1	1° 3	21°37	18°36	21°44	22°34	1° 7	7° 0	M27
T 28	4 25 48	5°20'56	15°24	19°21	18°52	15°38	29°43	8° 7	1° 1	21°36	18°35	21°43	22°31	1°14	6°59	T 28
W29	4 29 45	6°21'43	27°14	20°51	19°48	16°24	29°41	8°13	1° 0	21°35	18°34	21°D43	22°28	1°20	6°58	W29
T 30	4 33 42	7♐22'32	9♋ 1	22♐21	20♎46	17♑10	29♋38	8♑20	0♌59	21♈34	18♉33	21♊44	22♊24	1♋27	6♈57	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s14	22n40	0s20	13s31	0n26	0s54	1s36	24s39	1s17	20n30	0n14	22s50	0n30	20n26	0n33	7n 2	1s45	2n50	15s13	23n14	23n19	23n50	5n21	2n27
T 2	14 33	24 12	0n44	14 9	0 20	0 56	1 25	24 40	1 17	20 29	0 14	22 50	0 30	20 26	0 33	7 1	1 45	2 50	15 13	23 14	23 19	23 51	5 20	2 27
F 3	14 52	24 39	1 46	14 46	0 13	0 58	1 14	24 42	1 17	20 29	0 14	22 50	0 30	20 26	0 33	7 1	1 45	2 50	15 13	23 14	23 19	23 52	5 19	2 27
S 4	15 11	23 59	2 44	15 23	0 6	1 2	1 4	24 43	1 17	20 28	0 14	22 50	0 30	20 26	0 33	7 0	1 45	2 49	15 13	23 15	23 19	23 53	5 17	2 27
S 5	15 30	22 13	3 36	15 58	0s 1	1 6	0 54	24 44	1 17	20 28	0 14	22 50	0 30	20 26	0 33	7 0	1 45	2 49	15 13	23 15	23 18	23 54	5 16	2 27
M 6	15 48	19 26	4 18	16 33	0 7	1 12	0 44	24 44	1 17	20 28	0 14	22 50	0 30	20 26	0 33	6 59	1 45	2 49	15 13	23 15	23 18	23 55	5 15	2 27
T 7	16 6	15 42	4 50	17 7	0 14	1 18	0 34	24 45	1 17	20 27	0 15	22 50	0 30	20 26	0 33	6 59	1 45	2 48	15 13	23 15	23 18	23 56	5 15	2 26
W 8	16 24	11 10	5 8	17 40	0 21	1 24	0 25	24 45	1 17	20 27	0 15	22 49	0 29	20 26	0 33	6 58	1 45	2 48	15 13	23 14	23 18	23 57	5 14	2 26
T 9	16 41	5 58	5 11	18 13	0 27	1 32	0 16	24 45	1 18	20 27	0 15	22 49	0 29	20 26	0 33	6 57	1 45	2 48	15 13	23 14	23 18	23 57	5 13	2 26
F 10	16 58	0 19	4 56	18 44	0 34	1 40	0 7	24 44	1 18	20 27	0 15	22 49	0 29	20 27	0 33	6 57	1 45	2 48	15 13	23 14	23 18	23 58	5 12	2 26
S 11	17 15	5s32	4 23	19 14	0 40	1 49	0n 2	24 43	1 18	20 27	0 15	22 49	0 29	20 27	0 33	6 56	1 45	2 47	15 13	23 13	23 18	23 59	5 11	2 26
S 12	17 32	11 16	3 32	19 44	0 47	1 58	0 10	24 42	1 18	20 27	0 15	22 49	0 29	20 27	0 33	6 56	1 45	2 47	15 13	23 13	23 17	24 0	5 10	2 26
M13	17 48	16 27	2 27	20 13	0 53	2 8	0 18	24 41	1 18	20 27	0 16	22 49	0 29	20 27	0 33	6 55	1 45	2 47	15 13	23 13	23 17	24 1	5 9	2 25
T 14	18 4	20 40	1 10	20 40	0 59	2 19	0 26	24 40	1 18	20 27	0 16	22 48	0 29	20 27	0 33	6 55	1 45	2 47	15 13	23 13	23 17	24 2	5 8	2 25
W15	18 20	23 30	0s11	21 7	1 5	2 30	0 34	24 38	1 18	20 27	0 16	22 48	0 29	20 27	0 33	6 54	1 45	2 46	15 13	23 13	23 17	24 3	5 7	2 25
T 16	18 35	24 41	1 31	21 32	1 11	2 42	0 41	24 36	1 18	20 27	0 16	22 48	0 29	20 27	0 33	6 54	1 45	2 46	15 13	23 13	23 17	24 4	5 6	2 25
F 17	18 51	24 8	2 44	21 57	1 17	2 54	0 48	24 33	1 18	20 27	0 16	22 48	0 28	20 27	0 34	6 53	1 45	2 46	15 13	23 13	23 17	24 5	5 5	2 25
S 18	19 5	22 0	3 45	22 20	1 22	3 7	0 55	24 31	1 18	20 27	0 16	22 48	0 28	20 28	0 34	6 53	1 45	2 46	15 13	23 13	23 16	24 6	5 5	2 24
S 19	19 20	18 36	4 32	22 42	1 28	3 21	1 2	24 28	1 18	20 27	0 17	22 47	0 28	20 28	0 34	6 52	1 45	2 45	15 13	23 13	23 16	24 6	5 4	2 24
M20	19 34	14 16	5 1	23 3	1 33	3 34	1 8	24 25	1 18	20 28	0 17	22 47	0 28	20 28	0 34	6 52	1 45	2 45	15 13	23 13	23 16	24 7	5 3	2 24
T 21	19 47	9 21	5 14	23 23	1 38	3 49	1 15	24 21	1 18	20 28	0 17	22 47	0 28	20 28	0 34	6 52	1 45	2 45	15 13	23 13	23 16	24 8	5 2	2 24
W22	20 1	4 7	5 11	23 42	1 43	4 4	1 21	24 17	1 18	20 28	0 17	22 47	0 28	20 28	0 34	6 51	1 45	2 45	15 12	23 13	23 16	24 9	5 2	2 24
T 23	20 14	1n11	4 51	24 0	1 48	4 19	1 26	24 13	1 18	20 29	0 17	22 46	0 28	20 28	0 34	6 51	1 45	2 45	15 12	23 13	23 16	24 10	5 1	2 24
F 24	20 26	6 21	4 18	24 16	1 52	4 34	1 32	24 9	1 18	20 29	0 18	22 46	0 28	20 29	0 34	6 50	1 45	2 44	15 12	23 12	23 15	24 11	5 0	2 23
S 25	20 38	11 13	3 34	24 31	1 56	4 50	1 37	24 4	1 18	20 30	0 18	22 46	0 28	20 29	0 34	6 50	1 45	2 44	15 12	23 12	23 15	24 11	4 59	2 23
S 26	20 50	15 34	2 40	24 45	2 0	5 6	1 42	24 0	1 17	20 30	0 18	22 46	0 28	20 29	0 34	6 49	1 45	2 44	15 12	23 12	23 15	24 12	4 59	2 23
M27	21 2	19 14	1 39	24 57	2 4	5 23	1 47	23 55	1 17	20 31	0 18	22 45	0 27	20 29	0 34	6 49	1 45	2 44	15 12	23 12	23 15	24 13	4 58	2 23
T 28	21 13	22 5	0 35	25 9	2 7	5 40	1 52	23 49	1 17	20 31	0 18	22 45	0 27	20 30	0 34	6 49	1 45	2 44	15 12	23 12	23 15	24 14	4 58	2 23
W29	21 23	23 56	0n30	25 19	2 10	5 57	1 57	23 44	1 17	20 32	0 18	22 45	0 27	20 30	0 34	6 48	1 44	2 44	15 12	23 12	23 14	24 15	4 57	2 22
T 30	21s33	24n43	1n34	25s27	2s13	6s15	2n 1	23s38	1s17	20n33	0n19	22s45	0n27	20n30	0n34	6n48	1s44	2n43	15s12	23n12	23n14	24n16	4n56	2n22

Julian Day Number = 2404732.5, Delta T = 0.65 sec
Ecliptic obliquity = 23°27'23, Nutation = - 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°57'02, Lahiri = 22°04'02

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ASTRODIENST EPHEMERIS for the year 1871
geocentric

DECEMBER 1871 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 37 38	8♐23'21	20♋48	23♐50	21♎43	17♑57	29°R35	8♑26	0°R58	21°R33	18°R32	21♊45	22♊21	1♋34	6°R56	F 1
S 2	4 41 35	9°24'12	2♌39	25°19	22°42	18°43	29♋33	8°33	0♌57	21♈32	18♉31	21°46	22°18	1°40	6♈55	S 2
S 3	4 45 31	10°25'04	14°37	26°47	23°41	19°29	29°30	8°39	0°55	21°31	18°30	21°48	22°15	1°47	6°54	S 3
M 4	4 49 28	11°25'58	26°46	28°15	24°40	20°16	29°26	8°46	0°54	21°30	18°29	21°48	22°12	1°54	6°53	M 4
T 5	4 53 24	12°26'52	9♍11	29°42	25°40	21° 2	29°23	8°52	0°52	21°29	18°28	21°R49	22° 8	2° 0	6°53	T 5
W 6	4 57 21	13°27'48	21°56	1♑ 8	26°40	21°49	29°19	8°59	0°51	21°28	18°27	21°49	22° 5	2° 7	6°52	W 6
T 7	5 1 17	14°28'46	5♎ 5	2°33	27°41	22°36	29°15	9° 5	0°49	21°28	18°26	21°48	22° 2	2°13	6°51	T 7
F 8	5 5 14	15°29'44	18°40	3°57	28°42	23°22	29°11	9°12	0°48	21°27	18°25	21°48	21°59	2°20	6°51	F 8
S 9	5 9 11	16°30'44	2♏44	5°20	29°44	24° 9	29° 7	9°19	0°46	21°26	18°24	21°47	21°56	2°27	6°50	S 9
S 10	5 13 7	17°31'45	17°13	6°41	0♏46	24°56	29° 3	9°26	0°45	21°25	18°23	21°46	21°53	2°33	6°49	S 10
M11	5 17 4	18°32'47	2♐ 5	8° 0	1°48	25°42	28°58	9°32	0°43	21°24	18°22	21°46	21°49	2°40	6°49	M11
T 12	5 21 0	19°33'50	17°11	9°17	2°51	26°29	28°54	9°39	0°41	21°24	18°21	21°D46	21°46	2°47	6°49	T 12
W13	5 24 57	20°34'53	2♑23	10°32	3°54	27°16	28°49	9°46	0°39	21°23	18°20	21°46	21°43	2°53	6°48	W13
T 14	5 28 53	21°35'58	17°32	11°43	4°58	28° 3	28°44	9°53	0°38	21°22	18°19	21°R46	21°40	3° 0	6°48	T 14
F 15	5 32 50	22°37'03	2♒28	12°51	6° 1	28°50	28°38	10° 0	0°36	21°22	18°18	21°46	21°37	3° 7	6°48	F 15
S 16	5 36 47	23°38'08	17° 4	13°56	7° 5	29°37	28°33	10° 7	0°34	21°21	18°18	21°46	21°34	3°13	6°48	S 16
S 17	5 40 43	24°39'14	1♓15	14°55	8°10	0♒23	28°28	10°14	0°32	21°21	18°17	21°46	21°30	3°20	6°47	S 17
M18	5 44 40	25°40'20	15° 1	15°50	9°15	1°10	28°22	10°21	0°30	21°20	18°16	21°45	21°27	3°27	6°47	M18
T 19	5 48 36	26°41'26	28°22	16°38	10°19	1°57	28°16	10°27	0°28	21°19	18°15	21°D45	21°24	3°33	6°D47	T 19
W20	5 52 33	27°42'32	11♈19	17°19	11°25	2°44	28°10	10°34	0°26	21°19	18°14	21°45	21°21	3°40	6°47	W20
T 21	5 56 29	28°43'39	23°57	17°53	12°30	3°31	28° 4	10°41	0°24	21°19	18°13	21°46	21°18	3°47	6°48	T 21
F 22	6 0 26	29°44'46	6♉18	18°18	13°36	4°18	27°58	10°48	0°22	21°18	18°13	21°47	21°14	3°53	6°48	F 22
S 23	6 4 22	0♑45'53	18°26	18°34	14°42	5° 5	27°51	10°55	0°19	21°18	18°12	21°48	21°11	4° 0	6°48	S 23
S 24	6 8 19	1°47'00	0♊26	18°R39	15°48	5°53	27°45	11° 2	0°17	21°18	18°11	21°49	21° 8	4° 6	6°48	S 24
M25	6 12 16	2°48'08	12°18	18°34	16°55	6°40	27°38	11°10	0°15	21°17	18°10	21°49	21° 5	4°13	6°49	M25
T 26	6 16 12	3°49'15	24° 8	18°16	18° 2	7°27	27°31	11°17	0°13	21°17	18° 9	21°R49	21° 2	4°20	6°49	T 26
W27	6 20 9	4°50'23	5♋56	17°47	19° 9	8°14	27°24	11°24	0°11	21°17	18° 9	21°49	20°59	4°26	6°49	W27
T 28	6 24 5	5°51'32	17°44	17° 6	20°16	9° 1	27°17	11°31	0° 8	21°17	18° 8	21°48	20°55	4°33	6°50	T 28
F 29	6 28 2	6°52'40	29°36	16°14	21°23	9°48	27°10	11°38	0° 6	21°16	18° 7	21°46	20°52	4°40	6°51	F 29
S 30	6 31 58	7°53'49	11♌32	15°12	22°31	10°35	27° 3	11°45	0° 4	21°16	18° 7	21°43	20°49	4°46	6°51	S 30
S 31	6 35 55	8♑54'57	23♌36	14♑ 2	23♏39	11♒23	26♋56	11♑52	0♌ 1	21♈16	18♉ 6	21♊40	20♊46	4♋53	6♈52	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s43	24n23	2n34	25s34	2s15	6s32	2n 5	23s31	1s17	20n33	0n19	22s44	0n27	20n31	0n34	6n48	1s44	2n43	15s11	23n12	23n14	24n16	4n56	2n22
S 2	21 53	22 58	3 28	25 40	2 17	6 50	2 9	23 25	1 17	20 34	0 19	22 44	0 27	20 31	0 34	6 47	1 44	2 43	15 11	23 12	23 14	24 17	4 55	2 22
S 3	22 2	20 30	4 13	25 44	2 19	7 9	2 13	23 18	1 17	20 35	0 19	22 44	0 27	20 31	0 34	6 47	1 44	2 43	15 11	23 12	23 14	24 18	4 55	2 22
M 4	22 10	17 7	4 48	25 47	2 20	7 27	2 16	23 11	1 17	20 36	0 19	22 43	0 27	20 32	0 34	6 47	1 44	2 43	15 11	23 12	23 14	24 19	4 54	2 22
T 5	22 18	12 55	5 10	25 48	2 21	7 46	2 20	23 4	1 16	20 37	0 19	22 43	0 27	20 32	0 34	6 46	1 44	2 43	15 11	23 12	23 13	24 19	4 54	2 21
W 6	22 26	8 4	5 18	25 48	2 21	8 4	2 23	22 57	1 16	20 38	0 20	22 43	0 27	20 32	0 34	6 46	1 44	2 43	15 11	23 12	23 13	24 20	4 53	2 21
T 7	22 33	2 43	5 9	25 47	2 21	8 23	2 26	22 49	1 16	20 39	0 20	22 42	0 27	20 33	0 34	6 46	1 44	2 43	15 11	23 12	23 13	24 21	4 53	2 21
F 8	22 40	2s57	4 44	25 44	2 20	8 43	2 28	22 41	1 16	20 40	0 20	22 42	0 26	20 33	0 34	6 46	1 44	2 43	15 10	23 12	23 13	24 22	4 52	2 21
S 9	22 46	8 40	4 0	25 39	2 18	9 2	2 31	22 33	1 16	20 41	0 20	22 41	0 26	20 33	0 34	6 45	1 44	2 42	15 10	23 12	23 13	24 22	4 52	2 21
S 10	22 52	14 6	3 1	25 33	2 16	9 21	2 33	22 24	1 16	20 42	0 20	22 41	0 26	20 34	0 34	6 45	1 44	2 42	15 10	23 12	23 12	24 23	4 52	2 20
M11	22 58	18 50	1 47	25 26	2 13	9 40	2 36	22 15	1 15	20 43	0 21	22 41	0 26	20 34	0 34	6 45	1 44	2 42	15 10	23 12	23 12	24 24	4 51	2 20
T 12	23 3	22 25	0 25	25 17	2 10	10 0	2 38	22 6	1 15	20 44	0 21	22 40	0 26	20 35	0 34	6 45	1 44	2 42	15 10	23 12	23 12	24 25	4 51	2 20
W13	23 7	24 25	0s59	25 7	2 5	10 19	2 40	21 57	1 15	20 45	0 21	22 40	0 26	20 35	0 34	6 44	1 44	2 42	15 9	23 12	23 12	24 25	4 50	2 20
T 14	23 11	24 36	2 19	24 56	2 0	10 39	2 42	21 47	1 15	20 46	0 21	22 39	0 26	20 35	0 34	6 44	1 44	2 42	15 9	23 12	23 12	24 26	4 50	2 20
F 15	23 15	23 0	3 28	24 43	1 54	10 58	2 43	21 38	1 15	20 48	0 21	22 39	0 26	20 36	0 34	6 44	1 44	2 42	15 9	23 12	23 11	24 27	4 50	2 19
S 16	23 18	19 53	4 22	24 30	1 47	11 18	2 45	21 28	1 14	20 49	0 21	22 39	0 26	20 36	0 34	6 44	1 44	2 42	15 9	23 12	23 11	24 28	4 50	2 19
S 17	23 21	15 40	4 58	24 15	1 39	11 37	2 46	21 17	1 14	20 50	0 22	22 38	0 26	20 37	0 34	6 44	1 44	2 42	15 9	23 12	23 11	24 28	4 49	2 19
M18	23 23	10 45	5 16	24 0	1 29	11 57	2 47	21 7	1 14	20 52	0 22	22 38	0 26	20 37	0 35	6 43	1 44	2 42	15 8	23 12	23 11	24 29	4 49	2 19
T 19	23 25	5 29	5 16	23 43	1 19	12 16	2 48	20 56	1 14	20 53	0 22	22 37	0 26	20 38	0 35	6 43	1 44	2 42	15 8	23 12	23 11	24 30	4 49	2 19
W20	23 26	0 7	5 0	23 27	1 7	12 35	2 49	20 45	1 13	20 54	0 22	22 37	0 25	20 38	0 35	6 43	1 43	2 42	15 8	23 12	23 10	24 30	4 49	2 18
T 21	23 27	5n 7	4 29	23 10	0 54	12 55	2 49	20 34	1 13	20 56	0 22	22 36	0 25	20 39	0 35	6 43	1 43	2 42	15 8	23 12	23 10	24 31	4 49	2 18
F 22	23 27	10 3	3 47	22 52	0 40	13 14	2 50	20 23	1 13	20 57	0 22	22 36	0 25	20 39	0 35	6 43	1 43	2 42	15 8	23 12	23 10	24 32	4 49	2 18
S 23	23 27	14 31	2 55	22 35	0 25	13 33	2 50	20 11	1 13	20 59	0 23	22 35	0 25	20 40	0 35	6 43	1 43	2 42	15 7	23 12	23 10	24 32	4 49	2 18
S 24	23 27	18 22	1 56	22 18	0 8	13 51	2 51	19 59	1 12	21 0	0 23	22 35	0 25	20 40	0 35	6 43	1 43	2 42	15 7	23 12	23 10	24 33	4 48	2 18
M25	23 26	21 25	0 53	22 1	0n 9	14 10	2 51	19 47	1 12	21 1	0 23	22 34	0 25	20 41	0 35	6 43	1 43	2 42	15 7	23 12	23 9	24 34	4 48	2 17
T 26	23 24	23 32	0n13	21 45	0 28	14 29	2 51	19 35	1 12	21 3	0 23	22 34	0 25	20 41	0 35	6 43	1 43	2 42	15 7	23 12	23 9	24 34	4 48	2 17
W27	23 22	24 37	1 17	21 30	0 47	14 47	2 51	19 22	1 12	21 4	0 23	22 33	0 25	20 42	0 35	6 43	1 43	2 42	15 6	23 12	23 9	24 35	4 48	2 17
T 28	23 20	24 34	2 19	21 16	1 6	15 5	2 50	19 10	1 11	21 6	0 23	22 33	0 25	20 42	0 35	6 43	1 43	2 42	15 6	23 12	23 9	24 36	4 48	2 17
F 29	23 17	23 25	3 14	21 3	1 26	15 23	2 50	18 57	1 11	21 8	0 24	22 32	0 25	20 43	0 35	6 43	1 43	2 42	15 6	23 12	23 8	24 36	4 48	2 17
S 30	23 13	21 12	4 2	20 51	1 45	15 41	2 49	18 44	1 11	21 9	0 24	22 32	0 25	20 43	0 35	6 43	1 43	2 42	15 6	23 12	23 8	24 37	4 49	2 16
S 31	23s 9	18n 3	4n39	20s40	2n 4	15s58	2n49	18s30	1s10	21n11	0n24	22s31	0n25	20n44	0n35	6n43	1s43	2n43	15s 5	23n12	23n 8	24n37	4n49	2n16

Julian Day Number = 2404762.5, Delta T = 0.59 sec
Ecliptic obliquity = 23°27'22, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°57'06, Lahiri = 22°04'06

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ASTRODIENST EPHEMERIS for the year 1872
geocentric

JANUARY 1872 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 39 51	9♑56'07	5♍50	12°R45	24♏47	12♒10	26°R48	11♑59	29°R59	21°R16	18°R 5	21°R38	20♊43	5♋ 0	6♈53	M 1
T 2	6 43 48	10°57'16	18°16	11♑25	25°55	12°57	26♋41	12° 6	29♋56	21°D16	18♉ 5	21♊35	20°40	5° 6	6°53	T 2
W 3	6 47 45	11°58'25	0♎59	10° 4	27° 3	13°44	26°33	12°13	29°54	21♈16	18° 4	21°34	20°36	5°13	6°54	W 3
T 4	6 51 41	12°59'35	14° 1	8°44	28°12	14°31	26°26	12°20	29°52	21°16	18° 3	21°D34	20°33	5°20	6°55	T 4
F 5	6 55 38	14° 0'45	27°26	7°29	29°20	15°19	26°18	12°27	29°49	21°16	18° 3	21°34	20°30	5°26	6°56	F 5
S 6	6 59 34	15° 1'55	11♏15	6°19	0♐29	16° 6	26°10	12°35	29°47	21°16	18° 2	21°35	20°27	5°33	6°57	S 6
S 7	7 3 31	16° 3'06	25°29	5°17	1°38	16°53	26° 2	12°42	29°44	21°17	18° 2	21°37	20°24	5°40	6°58	S 7
M 8	7 7 27	17° 4'16	10♐ 7	4°24	2°48	17°40	25°55	12°49	29°42	21°17	18° 1	21°38	20°20	5°46	6°59	M 8
T 9	7 11 24	18° 5'27	25° 5	3°41	3°57	18°28	25°47	12°56	29°39	21°17	18° 1	21°R39	20°17	5°53	7° 0	T 9
W10	7 15 20	19° 6'37	10♑15	3° 7	5° 6	19°15	25°39	13° 3	29°36	21°17	18° 0	21°37	20°14	6° 0	7° 2	W10
T 11	7 19 17	20° 7'47	25°28	2°44	6°16	20° 2	25°31	13°10	29°34	21°18	18° 0	21°35	20°11	6° 6	7° 3	T 11
F 12	7 23 14	21° 8'57	10♒35	2°30	7°26	20°50	25°23	13°17	29°31	21°18	17°59	21°31	20° 8	6°13	7° 4	F 12
S 13	7 27 10	22°10'06	25°25	2°D25	8°36	21°37	25°15	13°24	29°29	21°18	17°59	21°27	20° 5	6°19	7° 6	S 13
S 14	7 31 7	23°11'15	9♓52	2°28	9°46	22°24	25° 7	13°31	29°26	21°19	17°59	21°22	20° 1	6°26	7° 7	S 14
M15	7 35 3	24°12'23	23°50	2°40	10°56	23°12	24°58	13°38	29°24	21°19	17°58	21°18	19°58	6°33	7° 9	M15
T 16	7 39 0	25°13'30	7♈20	2°59	12° 6	23°59	24°50	13°45	29°21	21°20	17°58	21°15	19°55	6°39	7°10	T 16
W17	7 42 56	26°14'36	20°22	3°24	13°16	24°46	24°42	13°52	29°18	21°20	17°57	21°13	19°52	6°46	7°12	W17
T 18	7 46 53	27°15'41	3♉ 0	3°56	14°27	25°33	24°34	13°59	29°16	21°21	17°57	21°D13	19°49	6°53	7°13	T 18
F 19	7 50 49	28°16'45	15°18	4°33	15°37	26°21	24°26	14° 6	29°13	21°21	17°57	21°14	19°46	6°59	7°15	F 19
S 20	7 54 46	29°17'49	27°22	5°15	16°48	27° 8	24°18	14°13	29°10	21°22	17°57	21°16	19°42	7° 6	7°17	S 20
S 21	7 58 43	0♒18'52	9♊15	6° 2	17°58	27°55	24°10	14°20	29° 8	21°22	17°56	21°18	19°39	7°13	7°19	S 21
M22	8 2 39	1°19'53	21° 3	6°52	19° 9	28°42	24° 2	14°27	29° 5	21°23	17°56	21°R18	19°36	7°19	7°21	M22
T 23	8 6 36	2°20'54	2♋50	7°47	20°20	29°30	23°54	14°34	29° 3	21°24	17°56	21°17	19°33	7°26	7°22	T 23
W24	8 10 32	3°21'54	14°38	8°44	21°31	0♓17	23°46	14°41	29° 0	21°25	17°56	21°15	19°30	7°33	7°24	W24
T 25	8 14 29	4°22'53	26°31	9°45	22°42	1° 4	23°39	14°48	28°57	21°25	17°56	21°10	19°26	7°39	7°26	T 25
F 26	8 18 25	5°23'51	8♌30	10°48	23°53	1°51	23°31	14°54	28°55	21°26	17°55	21° 3	19°23	7°46	7°28	F 26
S 27	8 22 22	6°24'48	20°37	11°54	25° 5	2°39	23°23	15° 1	28°52	21°27	17°55	20°54	19°20	7°53	7°30	S 27
S 28	8 26 19	7°25'45	2♍53	13° 2	26°16	3°26	23°15	15° 8	28°50	21°28	17°55	20°45	19°17	7°59	7°33	S 28
M29	8 30 15	8°26'40	15°19	14°12	27°27	4°13	23° 8	15°15	28°47	21°29	17°55	20°36	19°14	8° 6	7°35	M29
T 30	8 34 12	9°27'35	27°56	15°23	28°39	5° 0	23° 0	15°21	28°44	21°30	17°55	20°28	19°11	8°13	7°37	T 30
W31	8 38 8	10♒28'28	10♎46	16♑37	29♐50	5♓47	22♋53	15♑28	28♋42	21♈31	17♉55	20♊22	19♊ 7	8♋19	7♈39	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
M 1	23s 5	14n 5	5n 4	20s30	2n21	16s16	2n48	18s17	1s10	21n12	0n24	22s30	0n25	20n44	0n35	6n43	1s43	2n43	15s 5	23n11	23n 8	24n38	4n49	2n16
T 2	23 0	9 28	5 15	20 22	2 36	16 32	2 47	18 3	1 10	21 14	0 24	22 30	0 24	20 45	0 35	6 43	1 43	2 43	15 5	23 11	23 8	24 39	4 49	2 16
W 3	22 55	4 22	5 12	20 16	2 49	16 49	2 46	17 49	1 9	21 15	0 24	22 29	0 24	20 45	0 35	6 43	1 43	2 43	15 4	23 11	23 7	24 39	4 49	2 16
T 4	22 49	1s 3	4 52	20 10	3 0	17 5	2 45	17 35	1 9	21 17	0 25	22 29	0 24	20 46	0 35	6 43	1 43	2 43	15 4	23 11	23 7	24 40	4 49	2 15
F 5	22 43	6 35	4 16	20 6	3 9	17 22	2 44	17 21	1 9	21 19	0 25	22 28	0 24	20 46	0 35	6 43	1 43	2 43	15 4	23 11	23 7	24 40	4 49	2 15
S 6	22 36	11 58	3 25	20 4	3 14	17 37	2 42	17 6	1 8	21 20	0 25	22 28	0 24	20 47	0 35	6 43	1 43	2 43	15 4	23 11	23 7	24 41	4 50	2 15
S 7	22 29	16 54	2 19	20 3	3 18	17 53	2 41	16 52	1 8	21 22	0 25	22 27	0 24	20 47	0 35	6 43	1 42	2 43	15 3	23 11	23 6	24 42	4 50	2 15
M 8	22 22	20 57	1 3	20 4	3 19	18 8	2 39	16 37	1 7	21 24	0 25	22 26	0 24	20 48	0 35	6 43	1 42	2 44	15 3	23 12	23 6	24 42	4 50	2 15
T 9	22 14	23 41	0s19	20 6	3 18	18 22	2 38	16 22	1 7	21 25	0 25	22 26	0 24	20 49	0 35	6 43	1 42	2 44	15 3	23 12	23 6	24 43	4 50	2 14
W10	22 6	24 44	1 41	20 10	3 15	18 36	2 36	16 7	1 7	21 27	0 26	22 25	0 24	20 49	0 35	6 44	1 42	2 44	15 2	23 11	23 6	24 43	4 51	2 14
T 11	21 57	23 56	2 55	20 15	3 11	18 50	2 34	15 52	1 6	21 28	0 26	22 24	0 24	20 50	0 35	6 44	1 42	2 44	15 2	23 11	23 6	24 44	4 51	2 14
F 12	21 48	21 24	3 57	20 21	3 5	19 4	2 32	15 36	1 6	21 30	0 26	22 24	0 24	20 50	0 35	6 44	1 42	2 44	15 2	23 11	23 5	24 44	4 51	2 14
S 13	21 38	17 28	4 41	20 28	2 58	19 17	2 30	15 20	1 5	21 32	0 26	22 23	0 24	20 51	0 35	6 44	1 42	2 44	15 1	23 11	23 5	24 45	4 52	2 14
S 14	21 28	12 36	5 7	20 35	2 51	19 29	2 28	15 5	1 5	21 33	0 26	22 23	0 24	20 51	0 35	6 44	1 42	2 45	15 1	23 10	23 5	24 45	4 52	2 13
M15	21 17	7 14	5 13	20 43	2 42	19 41	2 26	14 49	1 5	21 35	0 26	22 22	0 24	20 52	0 35	6 45	1 42	2 45	15 1	23 10	23 5	24 46	4 53	2 13
T 16	21 6	1 41	5 1	20 52	2 33	19 53	2 24	14 33	1 4	21 36	0 26	22 21	0 24	20 52	0 35	6 45	1 42	2 45	15 1	23 10	23 4	24 46	4 53	2 13
W17	20 55	3n44	4 33	21 1	2 24	20 4	2 21	14 17	1 4	21 38	0 26	22 21	0 23	20 53	0 35	6 45	1 42	2 45	15 0	23 10	23 4	24 47	4 54	2 13
T 18	20 43	8 52	3 54	21 10	2 14	20 15	2 19	14 0	1 3	21 40	0 27	22 20	0 23	20 53	0 35	6 45	1 42	2 45	15 0	23 10	23 4	24 47	4 54	2 13
F 19	20 31	13 30	3 4	21 18	2 4	20 25	2 17	13 44	1 3	21 41	0 27	22 19	0 23	20 54	0 35	6 46	1 42	2 46	15 0	23 10	23 4	24 48	4 55	2 13
S 20	20 19	17 31	2 7	21 27	1 54	20 35	2 14	13 27	1 2	21 43	0 27	22 19	0 23	20 55	0 35	6 46	1 42	2 46	14 59	23 10	23 3	24 48	4 55	2 12
S 21	20 6	20 47	1 5	21 35	1 44	20 44	2 11	13 10	1 2	21 44	0 27	22 18	0 23	20 55	0 35	6 46	1 42	2 46	14 59	23 10	23 3	24 49	4 56	2 12
M22	19 53	23 8	0 1	21 43	1 34	20 52	2 9	12 54	1 1	21 46	0 27	22 17	0 23	20 56	0 35	6 46	1 42	2 46	14 59	23 10	23 3	24 49	4 56	2 12
T 23	19 39	24 28	1n 2	21 50	1 24	21 1	2 6	12 37	1 1	21 47	0 27	22 17	0 23	20 56	0 35	6 47	1 42	2 47	14 58	23 10	23 3	24 50	4 57	2 12
W24	19 25	24 42	2 3	21 56	1 14	21 8	2 3	12 19	1 1	21 49	0 27	22 16	0 23	20 57	0 35	6 47	1 42	2 47	14 58	23 10	23 2	24 50	4 57	2 12
T 25	19 11	23 48	2 59	22 2	1 4	21 15	2 0	12 2	1 0	21 50	0 27	22 15	0 23	20 57	0 35	6 47	1 41	2 47	14 58	23 10	23 2	24 51	4 58	2 11
F 26	18 56	21 49	3 48	22 7	0 54	21 22	1 57	11 45	1 0	21 52	0 28	22 15	0 23	20 58	0 35	6 48	1 41	2 48	14 57	23 9	23 2	24 51	4 59	2 11
S 27	18 41	18 50	4 26	22 11	0 45	21 28	1 54	11 28	0 59	21 53	0 28	22 14	0 23	20 58	0 35	6 48	1 41	2 48	14 57	23 9	23 2	24 52	4 59	2 11
S 28	18 26	15 0	4 53	22 14	0 35	21 33	1 51	11 10	0 59	21 54	0 28	22 13	0 23	20 59	0 35	6 49	1 41	2 48	14 57	23 8	23 1	24 52	5 0	2 11
M29	18 10	10 29	5 6	22 16	0 26	21 38	1 48	10 52	0 58	21 56	0 28	22 12	0 23	20 59	0 35	6 49	1 41	2 48	14 56	23 7	23 1	24 52	5 1	2 11
T 30	17 54	5 29	5 5	22 18	0 17	21 42	1 45	10 35	0 58	21 57	0 28	22 12	0 23	21 0	0 35	6 49	1 41	2 49	14 56	23 7	23 1	24 53	5 1	2 11
W31	17s38	0n 9	4n48	22s18	0n 8	21s45	1n42	10s17	0s57	21n59	0n28	22s11	0n23	21n 1	0n35	6n50	1s41	2n49	14s56	23n 6	23n 1	24n53	5n 2	2n10

Julian Day Number = 2404793.5, Delta T = 0.52 sec
Ecliptic obliquity = 23°27'22, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°57'10, Lahiri = 22°04'11

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ASTRODIENST EPHEMERIS for the year 1872
geocentric

FEBRUARY 1872 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 42 5	11♒29'21	23♎51	17♑53	1♑ 2	6♓34	22°R46	15♑35	28°R39	21♈32	17°D55	20°R18	19♊ 4	8♋26	7♈42	T 1
F 2	8 46 1	12°30'13	7♏11	19° 9	2°14	7°22	22♋38	15°41	28♋37	21°33	17♉55	20°D17	19° 1	8°33	7°44	F 2
S 3	8 49 58	13°31'05	20°50	20°28	3°26	8° 9	22°31	15°48	28°34	21°34	17°55	20♊17	18°58	8°39	7°46	S 3
S 4	8 53 54	14°31'55	4♐49	21°47	4°37	8°56	22°24	15°54	28°32	21°35	17°55	20°18	18°55	8°46	7°49	S 4
M 5	8 57 51	15°32'45	19° 7	23° 8	5°49	9°43	22°17	16° 1	28°29	21°36	17°55	20°R18	18°51	8°53	7°51	M 5
T 6	9 1 47	16°33'34	3♑44	24°30	7° 1	10°30	22°11	16° 7	28°27	21°37	17°55	20°18	18°48	8°59	7°54	T 6
W 7	9 5 44	17°34'21	18°35	25°53	8°13	11°17	22° 4	16°14	28°24	21°38	17°55	20°15	18°45	9° 6	7°56	W 7
T 8	9 9 41	18°35'08	3♒33	27°18	9°25	12° 4	21°57	16°20	28°22	21°40	17°56	20° 9	18°42	9°12	7°59	T 8
F 9	9 13 37	19°35'53	18°31	28°43	10°37	12°51	21°51	16°27	28°20	21°41	17°56	20° 1	18°39	9°19	8° 1	F 9
S 10	9 17 34	20°36'37	3♓19	0♒ 9	11°50	13°38	21°45	16°33	28°17	21°42	17°56	19°51	18°36	9°26	8° 4	S 10
S 11	9 21 30	21°37'20	17°48	1°37	13° 2	14°25	21°39	16°39	28°15	21°43	17°56	19°41	18°32	9°32	8° 7	S 11
M12	9 25 27	22°38'01	1♈53	3° 5	14°14	15°12	21°33	16°45	28°13	21°45	17°56	19°31	18°29	9°39	8°10	M12
T 13	9 29 23	23°38'40	15°29	4°34	15°26	15°59	21°27	16°52	28°10	21°46	17°57	19°24	18°26	9°46	8°12	T 13
W14	9 33 20	24°39'17	28°38	6° 4	16°39	16°46	21°21	16°58	28° 8	21°48	17°57	19°18	18°23	9°52	8°15	W14
T 15	9 37 16	25°39'53	11♉21	7°35	17°51	17°33	21°15	17° 4	28° 6	21°49	17°57	19°15	18°20	9°59	8°18	T 15
F 16	9 41 13	26°40'27	23°42	9° 8	19° 4	18°19	21°10	17°10	28° 4	21°50	17°57	19°D14	18°17	10° 6	8°21	F 16
S 17	9 45 10	27°41'00	5♊46	10°41	20°16	19° 6	21° 5	17°16	28° 1	21°52	17°58	19°14	18°13	10°12	8°24	S 17
S 18	9 49 6	28°41'30	17°40	12°14	21°29	19°53	21° 0	17°22	27°59	21°53	17°58	19°R14	18°10	10°19	8°27	S 18
M19	9 53 3	29°41'59	29°27	13°49	22°41	20°40	20°55	17°28	27°57	21°55	17°58	19°14	18° 7	10°26	8°30	M19
T 20	9 56 59	0♓42'26	11♋14	15°25	23°54	21°27	20°50	17°33	27°55	21°56	17°59	19°11	18° 4	10°32	8°33	T 20
W21	10 0 56	1°42'51	23° 4	17° 2	25° 6	22°13	20°46	17°39	27°53	21°58	17°59	19° 7	18° 1	10°39	8°36	W21
T 22	10 4 52	2°43'14	5♌ 2	18°39	26°19	23° 0	20°41	17°45	27°51	22° 0	18° 0	18°59	17°57	10°46	8°39	T 22
F 23	10 8 49	3°43'36	17°10	20°18	27°31	23°46	20°37	17°51	27°49	22° 1	18° 0	18°48	17°54	10°52	8°42	F 23
S 24	10 12 45	4°43'55	29°30	21°57	28°44	24°33	20°33	17°56	27°47	22° 3	18° 1	18°36	17°51	10°59	8°45	S 24
S 25	10 16 42	5°44'13	12♍ 2	23°38	29°57	25°20	20°29	18° 2	27°45	22° 5	18° 1	18°22	17°48	11° 6	8°48	S 25
M26	10 20 39	6°44'29	24°47	25°20	1♒10	26° 6	20°25	18° 7	27°43	22° 6	18° 2	18° 9	17°45	11°12	8°51	M26
T 27	10 24 35	7°44'44	7♎43	27° 2	2°22	26°53	20°22	18°13	27°41	22° 8	18° 2	17°57	17°42	11°19	8°55	T 27
W28	10 28 32	8°44'57	20°51	28°46	3°35	27°39	20°19	18°18	27°40	22°10	18° 3	17°47	17°38	11°26	8°58	W28
T 29	10 32 28	9♓45'08	4♏ 9	0♓30	4♒48	28♓26	20♋15	18♑23	27♋38	22♈12	18♉ 3	17♊40	17♊35	11♋32	9♈ 1	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s21	5s17	4n17	22s17	0s 1	21s48	1n39	9s59	0s57	22n 0	0n28	22s10	0n23	21n 1	0n35	6n50	1s41	2n49	14s55	23n 6	23n 0	24n54	5n 3	2n10
F 2	17 4	10 36	3 31	22 15	0 10	21 51	1 36	9 41	0 56	22 1	0 28	22 10	0 23	21 2	0 35	6 51	1 41	2 50	14 55	23 6	23 0	24 54	5 4	2 10
S 3	16 47	15 32	2 32	22 11	0 18	21 52	1 33	9 23	0 56	22 2	0 28	22 9	0 22	21 2	0 35	6 51	1 41	2 50	14 55	23 6	23 0	24 54	5 4	2 10
S 4	16 29	19 46	1 22	22 7	0 26	21 53	1 29	9 5	0 55	22 4	0 28	22 8	0 22	21 3	0 35	6 51	1 41	2 50	14 54	23 6	23 0	24 55	5 5	2 10
M 5	16 11	22 54	0 6	22 2	0 34	21 54	1 26	8 46	0 55	22 5	0 29	22 7	0 22	21 3	0 35	6 52	1 41	2 51	14 54	23 6	22 59	24 55	5 6	2 10
T 6	15 53	24 36	1s11	21 55	0 41	21 54	1 23	8 28	0 54	22 6	0 29	22 7	0 22	21 4	0 35	6 52	1 41	2 51	14 54	23 6	22 59	24 56	5 7	2 9
W 7	15 35	24 34	2 25	21 47	0 48	21 53	1 19	8 10	0 53	22 7	0 29	22 6	0 22	21 4	0 35	6 53	1 41	2 51	14 53	23 6	22 59	24 56	5 8	2 9
T 8	15 16	22 46	3 30	21 37	0 55	21 52	1 16	7 51	0 53	22 8	0 29	22 5	0 22	21 5	0 35	6 53	1 41	2 52	14 53	23 5	22 59	24 56	5 9	2 9
F 9	14 57	19 24	4 20	21 27	1 2	21 50	1 12	7 33	0 52	22 9	0 29	22 5	0 22	21 5	0 35	6 54	1 41	2 52	14 53	23 5	22 58	24 57	5 10	2 9
S 10	14 38	14 50	4 52	21 15	1 9	21 47	1 9	7 14	0 52	22 11	0 29	22 4	0 22	21 6	0 35	6 54	1 41	2 52	14 52	23 4	22 58	24 57	5 10	2 9
S 11	14 18	9 29	5 4	21 2	1 15	21 44	1 6	6 56	0 51	22 12	0 29	22 3	0 22	21 6	0 35	6 55	1 41	2 53	14 52	23 3	22 58	24 57	5 11	2 9
M12	13 59	3 48	4 57	20 47	1 21	21 40	1 2	6 37	0 51	22 13	0 29	22 2	0 22	21 6	0 35	6 56	1 41	2 53	14 52	23 3	22 57	24 58	5 12	2 8
T 13	13 39	1n54	4 34	20 32	1 26	21 35	0 59	6 18	0 50	22 14	0 29	22 2	0 22	21 7	0 35	6 56	1 41	2 54	14 51	23 2	22 57	24 58	5 13	2 8
W14	13 19	7 19	3 56	20 15	1 31	21 30	0 55	5 59	0 50	22 15	0 29	22 1	0 22	21 7	0 35	6 57	1 40	2 54	14 51	23 1	22 57	24 58	5 14	2 8
T 15	12 58	12 16	3 8	19 56	1 36	21 24	0 52	5 41	0 49	22 15	0 29	22 0	0 22	21 8	0 35	6 57	1 40	2 54	14 51	23 1	22 57	24 59	5 15	2 8
F 16	12 38	16 35	2 12	19 37	1 41	21 18	0 48	5 22	0 48	22 16	0 29	22 0	0 22	21 8	0 35	6 58	1 40	2 55	14 50	23 1	22 56	24 59	5 16	2 8
S 17	12 17	20 7	1 11	19 16	1 45	21 11	0 45	5 3	0 48	22 17	0 29	21 59	0 22	21 9	0 35	6 58	1 40	2 55	14 50	23 1	22 56	24 59	5 17	2 8
S 18	11 56	22 45	0 8	18 53	1 49	21 3	0 42	4 44	0 47	22 18	0 30	21 58	0 22	21 9	0 35	6 59	1 40	2 56	14 50	23 1	22 56	25 0	5 18	2 8
M19	11 35	24 21	0n54	18 29	1 53	20 55	0 38	4 25	0 47	22 19	0 30	21 57	0 22	21 10	0 35	7 0	1 40	2 56	14 49	23 1	22 55	25 0	5 19	2 7
T 20	11 14	24 53	1 54	18 4	1 56	20 46	0 35	4 6	0 46	22 20	0 30	21 57	0 22	21 10	0 35	7 0	1 40	2 56	14 49	23 1	22 55	25 0	5 20	2 7
W21	10 52	24 16	2 49	17 38	1 59	20 37	0 31	3 47	0 46	22 20	0 30	21 56	0 22	21 10	0 35	7 1	1 40	2 57	14 49	23 1	22 55	25 0	5 21	2 7
T 22	10 31	22 32	3 38	17 10	2 2	20 27	0 28	3 28	0 45	22 21	0 30	21 55	0 21	21 11	0 35	7 1	1 40	2 57	14 48	23 0	22 55	25 1	5 23	2 7
F 23	10 9	19 46	4 17	16 41	2 4	20 16	0 24	3 9	0 44	22 22	0 30	21 55	0 21	21 11	0 35	7 2	1 40	2 58	14 48	22 59	22 54	25 1	5 24	2 7
S 24	9 47	16 5	4 44	16 11	2 5	20 5	0 21	2 50	0 44	22 23	0 30	21 54	0 21	21 11	0 35	7 3	1 40	2 58	14 48	22 58	22 54	25 1	5 25	2 7
S 25	9 25	11 39	4 59	15 39	2 7	19 53	0 18	2 31	0 43	22 23	0 30	21 53	0 21	21 12	0 35	7 3	1 40	2 59	14 47	22 57	22 54	25 2	5 26	2 7
M26	9 3	6 38	4 59	15 6	2 8	19 41	0 14	2 12	0 43	22 24	0 30	21 53	0 21	21 12	0 35	7 4	1 40	2 59	14 47	22 56	22 53	25 2	5 27	2 7
T 27	8 40	1 16	4 43	14 31	2 8	19 28	0 11	1 53	0 42	22 24	0 30	21 52	0 21	21 13	0 35	7 5	1 40	2 59	14 47	22 55	22 53	25 2	5 28	2 6
W28	8 18	4s14	4 13	13 55	2 9	19 14	0 8	1 34	0 41	22 25	0 30	21 51	0 21	21 13	0 35	7 5	1 40	3 0	14 46	22 54	22 53	25 2	5 29	2 6
T 29	7s55	9s39	3n28	13s18	2s 8	19s 0	0n 4	1s15	0s41	22n25	0n30	21s51	0n21	21n13	0n35	7n 6	1s40	3n 0	14s46	22n53	22n53	25n 2	5n31	2n 6

Julian Day Number = 2404824.5, Delta T = 0.46 sec
Ecliptic obliquity = 23°27'23, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°57'14, Lahiri = 22°04'15

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ASTRODIENST EPHEMERIS for the year 1872
geocentric

MARCH 1872 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 36 25	10♓45'18	17♏38	2♓16	6♒ 1	29♓12	20°R12	18♑29	27°R36	22♈13	18♉ 4	17°R37	17♊32	11♋39	9♈ 4	F 1
S 2	10 40 21	11°45'26	1♐19	4° 3	7°14	29°58	20♋10	18°34	27♋34	22°15	18° 5	17♊35	17°29	11°46	9° 8	S 2
S 3	10 44 18	12°45'33	15°12	5°51	8°27	0♈45	20° 7	18°39	27°33	22°17	18° 5	17°35	17°26	11°52	9°11	S 3
M 4	10 48 14	13°45'38	29°17	7°40	9°40	1°31	20° 5	18°44	27°31	22°19	18° 6	17°35	17°23	11°59	9°14	M 4
T 5	10 52 11	14°45'42	13♑34	9°30	10°53	2°17	20° 3	18°49	27°30	22°21	18° 7	17°33	17°19	12° 6	9°18	T 5
W 6	10 56 8	15°45'44	28° 2	11°21	12° 6	3° 3	20° 1	18°54	27°28	22°23	18° 7	17°29	17°16	12°12	9°21	W 6
T 7	11 0 4	16°45'44	12♒35	13°13	13°19	3°50	19°59	18°59	27°27	22°24	18° 8	17°22	17°13	12°19	9°24	T 7
F 8	11 4 1	17°45'43	27° 9	15° 6	14°32	4°36	19°57	19° 3	27°25	22°26	18° 9	17°13	17°10	12°26	9°28	F 8
S 9	11 7 57	18°45'40	11♓37	17° 0	15°45	5°22	19°56	19° 8	27°24	22°28	18° 9	17° 1	17° 7	12°32	9°31	S 9
S 10	11 11 54	19°45'34	25°51	18°56	16°58	6° 8	19°55	19°13	27°23	22°30	18°10	16°48	17° 3	12°39	9°35	S 10
M11	11 15 50	20°45'27	9♈47	20°52	18°11	6°54	19°54	19°17	27°21	22°32	18°11	16°36	17° 0	12°45	9°38	M11
T 12	11 19 47	21°45'18	23°20	22°49	19°24	7°40	19°53	19°22	27°20	22°34	18°12	16°26	16°57	12°52	9°42	T 12
W13	11 23 43	22°45'07	6♉28	24°47	20°37	8°26	19°52	19°26	27°19	22°36	18°13	16°18	16°54	12°59	9°45	W13
T 14	11 27 40	23°44'53	19°13	26°46	21°50	9°12	19°52	19°31	27°18	22°38	18°13	16°13	16°51	13° 5	9°49	T 14
F 15	11 31 37	24°44'37	1♊36	28°45	23° 4	9°58	19°51	19°35	27°17	22°40	18°14	16°11	16°48	13°12	9°52	F 15
S 16	11 35 33	25°44'19	13°43	0♈45	24°17	10°43	19°D51	19°39	27°16	22°42	18°15	16°D10	16°44	13°19	9°56	S 16
S 17	11 39 30	26°43'59	25°38	2°45	25°30	11°29	19°52	19°43	27°15	22°45	18°16	16°R10	16°41	13°25	9°59	S 17
M18	11 43 26	27°43'37	7♋27	4°45	26°43	12°15	19°52	19°47	27°14	22°47	18°17	16°10	16°38	13°32	10° 3	M18
T 19	11 47 23	28°43'12	19°16	6°45	27°56	13° 1	19°52	19°51	27°13	22°49	18°18	16° 8	16°35	13°39	10° 6	T 19
W20	11 51 19	29°42'45	1♌ 9	8°44	29° 9	13°46	19°53	19°55	27°12	22°51	18°19	16° 4	16°32	13°45	10°10	W20
T 21	11 55 16	0♈42'16	13°11	10°43	0♓23	14°32	19°54	19°59	27°11	22°53	18°20	15°58	16°29	13°52	10°14	T 21
F 22	11 59 12	1°41'44	25°27	12°41	1°36	15°17	19°55	20° 2	27°11	22°55	18°21	15°48	16°25	13°59	10°17	F 22
S 23	12 3 9	2°41'10	7♍57	14°37	2°49	16° 3	19°57	20° 6	27°10	22°57	18°22	15°37	16°22	14° 5	10°21	S 23
S 24	12 7 6	3°40'34	20°44	16°31	4° 2	16°48	19°58	20°10	27° 9	22°59	18°23	15°25	16°19	14°12	10°24	S 24
M25	12 11 2	4°39'56	3♎47	18°23	5°16	17°34	20° 0	20°13	27° 9	23° 2	18°24	15°13	16°16	14°19	10°28	M25
T 26	12 14 59	5°39'16	17° 6	20°13	6°29	18°19	20° 2	20°16	27° 8	23° 4	18°25	15° 2	16°13	14°25	10°32	T 26
W27	12 18 55	6°38'34	0♏37	21°59	7°42	19° 5	20° 4	20°20	27° 8	23° 6	18°26	14°53	16° 9	14°32	10°35	W27
T 28	12 22 52	7°37'50	14°19	23°42	8°55	19°50	20° 6	20°23	27° 8	23° 8	18°27	14°46	16° 6	14°39	10°39	T 28
F 29	12 26 48	8°37'04	28° 9	25°21	10° 9	20°35	20° 8	20°26	27° 7	23°10	18°28	14°43	16° 3	14°45	10°42	F 29
S 30	12 30 45	9°36'16	12♐ 5	26°56	11°22	21°20	20°11	20°29	27° 7	23°12	18°29	14°D42	16° 0	14°52	10°46	S 30
S 31	12 34 41	10♈35'27	26♐ 6	28♈26	12♓35	22♈ 5	20♋14	20♑32	27♋ 7	23♈15	18♉30	14♊42	15♊57	14♋59	10♈50	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	7s32	14s41	2n31	12s39	2s 8	18s46	0n 1	0s56	0s40	22n26	0n30	21s50	0n21	21n14	0n35	7n 7	1s40	3n 1	14s46	22n53	22n52	25n 3	5n32	2n 6	F 1
S 2	7 9	19 3	1 25	12 0	2 6	18 31	0s 2	0 37	0 40	22 26	0 30	21 49	0 21	21 14	0 35	7 8	1 40	3 1	14 46	22 53	22 52	25 3	5 33	2 6	S 2
S 3	6 47	22 26	0 13	11 18	2 5	18 15	0 5	0 18	0 39	22 27	0 30	21 49	0 21	21 14	0 35	7 8	1 40	3 2	14 45	22 53	22 52	25 3	5 34	2 6	S 3
M 4	6 23	24 29	1s 2	10 36	2 2	17 59	0 8	0n 1	0 38	22 27	0 30	21 48	0 21	21 14	0 35	7 9	1 40	3 2	14 45	22 53	22 51	25 3	5 35	2 6	M 4
T 5	6 0	24 58	2 13	9 52	2 0	17 42	0 11	0 20	0 38	22 28	0 30	21 47	0 21	21 15	0 35	7 10	1 40	3 3	14 45	22 52	22 51	25 3	5 37	2 6	T 5
W 6	5 37	23 46	3 16	9 7	1 57	17 25	0 15	0 39	0 37	22 28	0 30	21 47	0 21	21 15	0 35	7 10	1 40	3 3	14 44	22 52	22 51	25 4	5 38	2 5	W 6
T 7	5 14	21 0	4 7	8 20	1 53	17 7	0 18	0 58	0 36	22 28	0 30	21 46	0 21	21 15	0 35	7 11	1 40	3 4	14 44	22 51	22 51	25 4	5 39	2 5	T 7
F 8	4 50	16 53	4 42	7 33	1 49	16 49	0 21	1 17	0 36	22 28	0 30	21 45	0 21	21 16	0 35	7 12	1 40	3 4	14 44	22 50	22 50	25 4	5 40	2 5	F 8
S 9	4 27	11 49	4 59	6 44	1 44	16 30	0 24	1 36	0 35	22 29	0 30	21 45	0 21	21 16	0 35	7 13	1 40	3 4	14 43	22 49	22 50	25 4	5 41	2 5	S 9
S 10	4 3	6 11	4 57	5 54	1 39	16 11	0 26	1 54	0 35	22 29	0 30	21 44	0 21	21 16	0 35	7 13	1 40	3 5	14 43	22 48	22 50	25 4	5 43	2 5	S 10
M11	3 40	0 21	4 36	5 3	1 33	15 51	0 29	2 13	0 34	22 29	0 30	21 44	0 21	21 16	0 35	7 14	1 40	3 5	14 43	22 47	22 49	25 4	5 44	2 5	M11
T 12	3 16	5n20	4 1	4 11	1 27	15 31	0 32	2 32	0 33	22 29	0 30	21 43	0 21	21 17	0 35	7 15	1 40	3 6	14 43	22 46	22 49	25 5	5 45	2 5	T 12
W13	2 53	10 38	3 14	3 18	1 20	15 11	0 35	2 51	0 33	22 29	0 31	21 42	0 21	21 17	0 35	7 16	1 39	3 6	14 42	22 45	22 49	25 5	5 47	2 5	W13
T 14	2 29	15 20	2 18	2 24	1 12	14 50	0 38	3 9	0 32	22 29	0 31	21 42	0 20	21 17	0 35	7 16	1 39	3 7	14 42	22 45	22 48	25 5	5 48	2 5	T 14
F 15	2 5	19 15	1 16	1 29	1 4	14 29	0 40	3 28	0 31	22 29	0 31	21 41	0 20	21 17	0 35	7 17	1 39	3 7	14 42	22 44	22 48	25 5	5 49	2 4	F 15
S 16	1 42	22 15	0 13	0 33	0 56	14 7	0 43	3 47	0 31	22 29	0 31	21 41	0 20	21 17	0 35	7 18	1 39	3 8	14 42	22 44	22 48	25 5	5 50	2 4	S 16
S 17	1 18	24 13	0n50	0n23	0 46	13 45	0 46	4 5	0 30	22 29	0 31	21 40	0 20	21 17	0 35	7 19	1 39	3 8	14 41	22 44	22 47	25 5	5 52	2 4	S 17
M18	0 54	25 5	1 50	1 19	0 37	13 22	0 48	4 24	0 30	22 29	0 31	21 40	0 20	21 18	0 35	7 20	1 39	3 9	14 41	22 44	22 47	25 5	5 53	2 4	M18
T 19	0 31	24 48	2 46	2 16	0 27	12 59	0 50	4 42	0 29	22 29	0 31	21 39	0 20	21 18	0 35	7 20	1 39	3 9	14 41	22 44	22 47	25 5	5 54	2 4	T 19
W20	0 7	23 24	3 35	3 13	0 16	12 36	0 53	5 0	0 28	22 29	0 31	21 39	0 20	21 18	0 35	7 21	1 39	3 10	14 41	22 44	22 46	25 6	5 56	2 4	W20
T 21	0n17	20 56	4 14	4 10	0 5	12 12	0 55	5 19	0 28	22 29	0 31	21 38	0 20	21 18	0 35	7 22	1 39	3 10	14 40	22 43	22 46	25 6	5 57	2 4	T 21
F 22	0 41	17 29	4 43	5 6	0n 6	11 49	0 58	5 37	0 27	22 29	0 31	21 38	0 20	21 18	0 35	7 23	1 39	3 11	14 40	22 42	22 46	25 6	5 58	2 4	F 22
S 23	1 4	13 13	4 59	6 2	0 18	11 24	1 0	5 55	0 26	22 29	0 31	21 37	0 20	21 18	0 34	7 24	1 39	3 11	14 40	22 41	22 45	25 6	6 0	2 4	S 23
S 24	1 28	8 16	5 0	6 57	0 30	11 0	1 2	6 13	0 26	22 29	0 31	21 37	0 20	21 18	0 34	7 24	1 39	3 12	14 40	22 39	22 45	25 6	6 1	2 4	S 24
M25	1 51	2 52	4 46	7 51	0 42	10 35	1 4	6 31	0 25	22 28	0 31	21 36	0 20	21 18	0 34	7 25	1 39	3 12	14 39	22 38	22 45	25 6	6 2	2 4	M25
T 26	2 15	2s46	4 16	8 44	0 54	10 10	1 6	6 49	0 24	22 28	0 31	21 36	0 20	21 19	0 34	7 26	1 39	3 13	14 39	22 37	22 45	25 6	6 4	2 4	T 26
W27	2 38	8 23	3 32	9 35	1 6	9 44	1 8	7 7	0 24	22 28	0 31	21 35	0 20	21 19	0 34	7 27	1 39	3 13	14 39	22 36	22 44	25 6	6 5	2 3	W27
T 28	3 2	13 41	2 34	10 25	1 18	9 19	1 10	7 24	0 23	22 28	0 31	21 35	0 20	21 19	0 34	7 28	1 39	3 14	14 39	22 35	22 44	25 6	6 7	2 3	T 28
F 29	3 25	18 21	1 27	11 12	1 29	8 53	1 12	7 42	0 22	22 27	0 31	21 34	0 20	21 19	0 34	7 29	1 39	3 14	14 38	22 35	22 44	25 6	6 8	2 3	F 29
S 30	3 48	22 2	0 14	11 57	1 41	8 26	1 14	8 0	0 22	22 27	0 31	21 34	0 20	21 19	0 34	7 29	1 39	3 15	14 38	22 35	22 43	25 6	6 9	2 3	S 30
S 31	4n12	24s24	1s 0	12n40	1n52	8s 0	1s15	8n17	0s21	22n26	0n31	21s34	0n20	21n19	0n34	7n30	1s39	3n15	14s38	22n35	22n43	25n 6	6n11	2n 3	S 31

Julian Day Number = 2404853.5, Delta T = 0.41 sec
Ecliptic obliquity = 23°27'24, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°57'18, Lahiri = 22°04'19

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ASTRODIENST EPHEMERIS for the year 1872
geocentric

APRIL 1872 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 38 38	11♈34'36	10♉12	29♈51	13♓49	22♈50	20♋17	20♉35	27°R 6	23♈17	18♉31	14°R43	15♊54	15♋ 5	10♈53	M 1
T 2	12 42 35	12°33'43	24°20	1♉11	15° 2	23°35	20°20	20°38	27♋ 6	23°19	18°32	14♊42	15°50	15°12	10°57	T 2
W 3	12 46 31	13°32'48	8♒30	2°26	16°15	24°20	20°23	20°40	27° 6	23°21	18°34	14°40	15°47	15°19	11° 1	W 3
T 4	12 50 28	14°31'52	22°40	3°35	17°29	25° 5	20°27	20°43	27°D 6	23°24	18°35	14°35	15°44	15°25	11° 4	T 4
F 5	12 54 24	15°30'54	6♓48	4°38	18°42	25°50	20°30	20°45	27° 6	23°26	18°36	14°27	15°41	15°32	11° 8	F 5
S 6	12 58 21	16°29'54	20°48	5°34	19°55	26°35	20°34	20°48	27° 6	23°28	18°37	14°18	15°38	15°39	11°11	S 6
S 7	13 2 17	17°28'52	4♈37	6°25	21° 9	27°20	20°38	20°50	27° 6	23°30	18°38	14° 9	15°34	15°45	11°15	S 7
M 8	13 6 14	18°27'48	18°11	7° 9	22°22	28° 5	20°42	20°52	27° 7	23°33	18°39	13°59	15°31	15°52	11°19	M 8
T 9	13 10 10	19°26'41	1♉28	7°47	23°35	28°49	20°47	20°54	27° 7	23°35	18°41	13°51	15°28	15°59	11°22	T 9
W10	13 14 7	20°25'33	14°25	8°18	24°49	29°34	20°51	20°56	27° 7	23°37	18°42	13°45	15°25	16° 5	11°26	W10
T 11	13 18 3	21°24'23	27° 4	8°43	26° 2	0♉19	20°56	20°58	27° 8	23°39	18°43	13°42	15°22	16°12	11°30	T 11
F 12	13 22 0	22°23'11	9♊24	9° 1	27°15	1° 3	21° 1	21° 0	27° 8	23°42	18°44	13°D40	15°19	16°19	11°33	F 12
S 13	13 25 57	23°21'57	21°31	9°13	28°29	1°48	21° 6	21° 2	27° 8	23°44	18°45	13°40	15°15	16°25	11°37	S 13
S 14	13 29 53	24°20'40	3♋27	9°R19	29°42	2°32	21°11	21° 3	27° 9	23°46	18°47	13°41	15°12	16°32	11°40	S 14
M15	13 33 50	25°19'21	15°17	9°18	0♈56	3°17	21°17	21° 5	27° 9	23°48	18°48	13°43	15° 9	16°39	11°44	M15
T 16	13 37 46	26°18'00	27° 7	9°11	2° 9	4° 1	21°22	21° 6	27°10	23°51	18°49	13°R43	15° 6	16°45	11°47	T 16
W17	13 41 43	27°16'37	9♌ 2	8°59	3°22	4°45	21°28	21° 8	27°11	23°53	18°50	13°42	15° 3	16°52	11°51	W17
T 18	13 45 39	28°15'11	21° 6	8°41	4°36	5°30	21°34	21° 9	27°12	23°55	18°52	13°40	15° 0	16°59	11°54	T 18
F 19	13 49 36	29°13'44	3♍24	8°19	5°49	6°14	21°40	21°10	27°12	23°58	18°53	13°35	14°56	17° 5	11°58	F 19
S 20	13 53 32	0♉12'14	16° 0	7°52	7° 2	6°58	21°46	21°11	27°13	24° 0	18°54	13°29	14°53	17°12	12° 1	S 20
S 21	13 57 29	1°10'42	28°56	7°21	8°16	7°42	21°52	21°12	27°14	24° 2	18°56	13°22	14°50	17°19	12° 5	S 21
M22	14 1 26	2° 9'08	12♎13	6°47	9°29	8°26	21°58	21°13	27°15	24° 4	18°57	13°15	14°47	17°25	12° 8	M22
T 23	14 5 22	3° 7'32	25°49	6°10	10°42	9°10	22° 5	21°14	27°16	24° 7	18°58	13° 9	14°44	17°32	12°12	T 23
W24	14 9 19	4° 5'54	9♏43	5°32	11°56	9°54	22°12	21°14	27°17	24° 9	18°59	13° 4	14°40	17°39	12°15	W24
T 25	14 13 15	5° 4'14	23°50	4°52	13° 9	10°38	22°18	21°15	27°18	24°11	19° 1	13° 0	14°37	17°45	12°19	T 25
F 26	14 17 12	6° 2'33	8♐ 7	4°12	14°22	11°22	22°25	21°15	27°19	24°13	19° 2	12°D59	14°34	17°52	12°22	F 26
S 27	14 21 8	7° 0'50	22°28	3°32	15°36	12° 6	22°33	21°16	27°20	24°15	19° 3	12°59	14°31	17°59	12°25	S 27
S 28	14 25 5	7°59'05	6♑49	2°53	16°49	12°49	22°40	21°16	27°22	24°18	19° 5	13° 0	14°28	18° 5	12°29	S 28
M29	14 29 1	8°57'19	21° 8	2°16	18° 3	13°33	22°47	21°16	27°23	24°20	19° 6	13° 2	14°25	18°12	12°32	M29
T 30	14 32 58	9♉55'32	5♒21	1♉42	19♈16	14♉17	22♋55	21°R16	27♋24	24♈22	19♉ 7	13°R 3	14♊21	18♋19	12♈35	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n35	25s15	2s12	13n20	2n 3	7s33	1s17	8n34	0s20	22n26	0n31	21s33	0n20	21n19	0n34	7n31	1s39	3n16	14s38	22n35	22n43	25n 6	6n12	2n 3
T 2	4 58	24 28	3 15	13 58	2 13	7 6	1 18	8 52	0 20	22 26	0 31	21 33	0 20	21 19	0 34	7 32	1 39	3 16	14 38	22 35	22 42	25 6	6 13	2 3
W 3	5 21	22 7	4 6	14 33	2 22	6 39	1 20	9 9	0 19	22 25	0 31	21 33	0 20	21 19	0 34	7 33	1 39	3 17	14 37	22 34	22 42	25 6	6 15	2 3
T 4	5 44	18 25	4 43	15 5	2 31	6 12	1 21	9 26	0 18	22 25	0 31	21 32	0 20	21 19	0 34	7 33	1 39	3 17	14 37	22 34	22 42	25 6	6 16	2 3
F 5	6 7	13 42	5 2	15 34	2 39	5 45	1 23	9 43	0 18	22 24	0 31	21 32	0 20	21 19	0 34	7 34	1 39	3 17	14 37	22 33	22 41	25 6	6 17	2 3
S 6	6 29	8 17	5 3	15 59	2 45	5 17	1 24	10 0	0 17	22 23	0 31	21 32	0 19	21 19	0 34	7 35	1 39	3 18	14 37	22 32	22 41	25 6	6 19	2 3
S 7	6 52	2 32	4 46	16 22	2 51	4 49	1 25	10 16	0 16	22 23	0 31	21 31	0 19	21 19	0 34	7 36	1 39	3 18	14 37	22 31	22 41	25 6	6 20	2 3
M 8	7 15	3n15	4 13	16 41	2 56	4 21	1 26	10 33	0 16	22 22	0 31	21 31	0 19	21 19	0 34	7 37	1 39	3 19	14 36	22 30	22 40	25 6	6 22	2 3
T 9	7 37	8 46	3 26	16 57	3 0	3 53	1 28	10 50	0 15	22 22	0 31	21 31	0 19	21 19	0 34	7 38	1 39	3 19	14 36	22 29	22 40	25 6	6 23	2 3
W10	7 59	13 47	2 30	17 10	3 3	3 25	1 29	11 6	0 15	22 21	0 31	21 30	0 19	21 18	0 34	7 38	1 39	3 20	14 36	22 28	22 39	25 6	6 24	2 3
T 11	8 21	18 5	1 28	17 20	3 4	2 57	1 29	11 22	0 14	22 20	0 31	21 30	0 19	21 18	0 34	7 39	1 39	3 20	14 36	22 28	22 39	25 6	6 26	2 3
F 12	8 43	21 30	0 23	17 26	3 5	2 28	1 30	11 39	0 13	22 19	0 31	21 30	0 19	21 18	0 34	7 40	1 39	3 21	14 36	22 27	22 39	25 6	6 27	2 2
S 13	9 5	23 53	0n42	17 28	3 3	2 0	1 31	11 55	0 13	22 19	0 31	21 30	0 19	21 18	0 34	7 41	1 39	3 21	14 36	22 27	22 38	25 6	6 28	2 2
S 14	9 27	25 9	1 45	17 28	3 1	1 31	1 32	12 11	0 12	22 18	0 31	21 30	0 19	21 18	0 34	7 42	1 39	3 22	14 35	22 28	22 38	25 6	6 30	2 2
M15	9 48	25 16	2 42	17 24	2 57	1 3	1 32	12 26	0 11	22 17	0 31	21 29	0 19	21 18	0 34	7 43	1 39	3 22	14 35	22 28	22 38	25 5	6 31	2 2
T 16	10 9	24 14	3 33	17 17	2 52	0 34	1 33	12 42	0 11	22 16	0 31	21 29	0 19	21 18	0 34	7 43	1 39	3 23	14 35	22 28	22 37	25 5	6 32	2 2
W17	10 31	22 6	4 15	17 6	2 45	0 5	1 34	12 58	0 10	22 15	0 31	21 29	0 19	21 18	0 34	7 44	1 39	3 23	14 35	22 28	22 37	25 5	6 34	2 2
T 18	10 52	18 59	4 46	16 53	2 37	0n23	1 34	13 13	0 9	22 14	0 31	21 29	0 19	21 17	0 34	7 45	1 39	3 24	14 35	22 27	22 37	25 5	6 35	2 2
F 19	11 12	14 59	5 4	16 36	2 27	0 52	1 34	13 28	0 9	22 13	0 31	21 29	0 19	21 17	0 34	7 46	1 39	3 24	14 35	22 27	22 36	25 5	6 36	2 2
S 20	11 33	10 16	5 9	16 17	2 16	1 21	1 35	13 43	0 8	22 12	0 31	21 29	0 19	21 17	0 34	7 47	1 39	3 24	14 35	22 26	22 36	25 5	6 38	2 2
S 21	11 54	4 59	4 58	15 56	2 4	1 50	1 35	13 58	0 7	22 11	0 31	21 29	0 19	21 17	0 34	7 48	1 39	3 25	14 35	22 25	22 36	25 5	6 39	2 2
M22	12 14	0s40	4 31	15 32	1 51	2 18	1 35	14 13	0 7	22 10	0 31	21 28	0 19	21 17	0 34	7 48	1 39	3 25	14 34	22 24	22 35	25 5	6 40	2 2
T 23	12 34	6 26	3 48	15 6	1 36	2 47	1 35	14 28	0 6	22 9	0 31	21 28	0 19	21 16	0 34	7 49	1 39	3 26	14 34	22 24	22 35	25 5	6 42	2 2
W24	12 54	12 2	2 51	14 39	1 21	3 16	1 35	14 43	0 5	22 8	0 31	21 28	0 19	21 16	0 34	7 50	1 39	3 26	14 34	22 23	22 35	25 4	6 43	2 2
T 25	13 13	17 6	1 42	14 11	1 5	3 44	1 35	14 57	0 5	22 7	0 31	21 28	0 19	21 16	0 34	7 51	1 39	3 27	14 34	22 23	22 34	25 4	6 44	2 2
F 26	13 33	21 14	0 27	13 41	0 49	4 13	1 35	15 11	0 4	22 6	0 31	21 28	0 19	21 16	0 34	7 52	1 39	3 27	14 34	22 22	22 34	25 4	6 46	2 2
S 27	13 52	24 6	0s52	13 12	0 32	4 41	1 35	15 25	0 3	22 5	0 31	21 28	0 18	21 15	0 34	7 52	1 39	3 27	14 34	22 22	22 33	25 4	6 47	2 2
S 28	14 11	25 23	2 6	12 43	0 14	5 10	1 34	15 39	0 3	22 4	0 31	21 28	0 18	21 15	0 34	7 53	1 39	3 28	14 34	22 23	22 33	25 4	6 48	2 2
M29	14 30	24 59	3 13	12 14	0s 3	5 38	1 34	15 53	0 2	22 3	0 31	21 28	0 18	21 15	0 34	7 54	1 39	3 28	14 34	22 23	22 33	25 4	6 50	2 2
T 30	14n48	22s57	4s 8	11n46	0s20	6n 6	1s34	16n 7	0s 2	22n 1	0n31	21s28	0n18	21n15	0n34	7n55	1s39	3n29	14s34	22n23	22n32	25n 3	6n51	2n 2

Julian Day Number = 2404884.5, Delta T = 0.35 sec
Ecliptic obliquity = 23°27'24, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°57'23, Lahiri = 22°04'23

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ASTRODIENST EPHEMERIS for the year 1872
geocentric

MAY 1872 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 36 55	10♉53'43	19♒26	1°R10	20♈29	15♉ 0	23♋ 2	21°R16	27♋26	24♈24	19♉ 9	13°R 2	14♊18	18♋25	12♈39	W 1
T 2	14 40 51	11°51'53	3♓23	0♉41	21°43	15°44	23°10	21♏16	27°27	24°27	19°10	13♊ 1	14°15	18°32	12°42	T 2
F 3	14 44 48	12°50'01	17°10	0°16	22°56	16°27	23°18	21°16	27°29	24°29	19°11	12°58	14°12	18°39	12°45	F 3
S 4	14 48 44	13°48'07	0♈45	29♈55	24°10	17°11	23°26	21°16	27°30	24°31	19°13	12°54	14° 9	18°45	12°49	S 4
S 5	14 52 41	14°46'13	14° 8	29°38	25°23	17°54	23°34	21°15	27°32	24°33	19°14	12°50	14° 6	18°52	12°52	S 5
M 6	14 56 37	15°44'16	27°17	29°26	26°36	18°37	23°43	21°15	27°33	24°35	19°16	12°45	14° 2	18°59	12°55	M 6
T 7	15 0 34	16°42'19	10♉11	29°18	27°50	19°21	23°51	21°14	27°35	24°37	19°17	12°42	13°59	19° 5	12°58	T 7
W 8	15 4 30	17°40'19	22°51	29°D15	29° 3	20° 4	24° 0	21°13	27°37	24°39	19°18	12°39	13°56	19°12	13° 1	W 8
T 9	15 8 27	18°38'18	5♊17	29°17	0♉16	20°47	24° 8	21°13	27°39	24°42	19°20	12°38	13°53	19°19	13° 4	T 9
F 10	15 12 24	19°36'16	17°29	29°23	1°30	21°30	24°17	21°12	27°40	24°44	19°21	12°D38	13°50	19°25	13° 7	F 10
S 11	15 16 20	20°34'12	29°32	29°34	2°43	22°13	24°26	21°11	27°42	24°46	19°22	12°38	13°46	19°32	13°10	S 11
S 12	15 20 17	21°32'06	11♋26	29°50	3°57	22°56	24°35	21°10	27°44	24°48	19°24	12°40	13°43	19°39	13°14	S 12
M13	15 24 13	22°29'58	23°16	0♉10	5°10	23°39	24°44	21° 8	27°46	24°50	19°25	12°42	13°40	19°45	13°17	M13
T 14	15 28 10	23°27'49	5♌ 6	0°34	6°23	24°22	24°53	21° 7	27°48	24°52	19°26	12°43	13°37	19°52	13°19	T 14
W15	15 32 6	24°25'38	17° 0	1° 2	7°37	25° 5	25° 2	21° 6	27°50	24°54	19°28	12°44	13°34	19°59	13°22	W15
T 16	15 36 3	25°23'25	29° 4	1°35	8°50	25°48	25°12	21° 4	27°52	24°56	19°29	12°R44	13°31	20° 5	13°25	T 16
F 17	15 39 59	26°21'11	11♍22	2°11	10° 4	26°31	25°21	21° 3	27°55	24°58	19°30	12°43	13°27	20°12	13°28	F 17
S 18	15 43 56	27°18'55	23°58	2°52	11°17	27°14	25°31	21° 1	27°57	25° 0	19°32	12°42	13°24	20°19	13°31	S 18
S 19	15 47 53	28°16'37	6♎55	3°36	12°30	27°56	25°41	20°59	27°59	25° 2	19°33	12°40	13°21	20°25	13°34	S 19
M20	15 51 49	29°14'17	20°16	4°24	13°44	28°39	25°50	20°58	28° 1	25° 4	19°34	12°39	13°18	20°32	13°37	M20
T 21	15 55 46	0♊11'57	4♏ 2	5°15	14°57	29°21	26° 0	20°56	28° 3	25° 6	19°36	12°37	13°15	20°39	13°39	T 21
W22	15 59 42	1° 9'35	18°10	6°10	16°11	0♊ 4	26°10	20°54	28° 6	25° 8	19°37	12°36	13°11	20°45	13°42	W22
T 23	16 3 39	2° 7'11	2♐36	7° 8	17°24	0°46	26°20	20°52	28° 8	25°10	19°38	12°35	13° 8	20°52	13°45	T 23
F 24	16 7 35	3° 4'47	17°17	8° 9	18°37	1°29	26°31	20°49	28°11	25°12	19°40	12°D35	13° 5	20°59	13°47	F 24
S 25	16 11 32	4° 2'21	2♑ 3	9°13	19°51	2°11	26°41	20°47	28°13	25°13	19°41	12°35	13° 2	21° 5	13°50	S 25
S 26	16 15 28	4°59'54	16°50	10°21	21° 4	2°53	26°51	20°45	28°16	25°15	19°42	12°36	12°59	21°12	13°53	S 26
M27	16 19 25	5°57'27	1♒30	11°31	22°18	3°36	27° 2	20°42	28°18	25°17	19°44	12°36	12°56	21°19	13°55	M27
T 28	16 23 22	6°54'58	15°58	12°44	23°31	4°18	27°12	20°40	28°21	25°19	19°45	12°37	12°52	21°26	13°58	T 28
W29	16 27 18	7°52'29	0♓10	14° 0	24°44	5° 0	27°23	20°37	28°23	25°21	19°46	12°37	12°49	21°32	14° 0	W29
T 30	16 31 15	8°49'59	14° 5	15°19	25°58	5°42	27°34	20°35	28°26	25°23	19°48	12°R37	12°46	21°39	14° 2	T 30
F 31	16 35 11	9♊47'28	27♓41	16♉41	27♉11	6♊24	27♋44	20♑32	28♋29	25♈24	19♉49	12♊37	12♊43	21♋46	14♈ 5	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n 6	19s32	4s47	11n19	0s37	6n34	1s33	16n20	0s 1	22n 0	0n31	21s28	0n18	21n14	0n34	7n56	1s39	3n29	14s34	22n23	22n32	25n 3	6n52	2n 2
T 2	15 24	15 3	5 8	10 53	0 53	7 2	1 33	16 33	0 0	21 59	0 31	21 28	0 18	21 14	0 34	7 56	1 39	3 30	14 34	22 23	22 32	25 3	6 53	2 2
F 3	15 42	9 51	5 12	10 30	1 9	7 30	1 32	16 47	0n 0	21 57	0 31	21 29	0 18	21 14	0 34	7 57	1 39	3 30	14 33	22 22	22 31	25 3	6 55	2 2
S 4	16 0	4 15	4 58	10 8	1 24	7 58	1 31	17 0	0 1	21 56	0 31	21 29	0 18	21 13	0 34	7 58	1 39	3 30	14 33	22 22	22 31	25 3	6 56	2 2
S 5	16 17	1n28	4 27	9 48	1 39	8 25	1 31	17 12	0 2	21 55	0 31	21 29	0 18	21 13	0 33	7 59	1 39	3 31	14 33	22 21	22 30	25 2	6 57	2 2
M 6	16 34	7 2	3 44	9 31	1 53	8 52	1 30	17 25	0 2	21 53	0 31	21 29	0 18	21 13	0 33	8 0	1 39	3 31	14 33	22 21	22 30	25 2	6 58	2 2
T 7	16 50	12 13	2 49	9 17	2 6	9 20	1 29	17 37	0 3	21 52	0 31	21 29	0 18	21 12	0 33	8 0	1 39	3 32	14 33	22 20	22 30	25 2	7 0	2 2
W 8	17 7	16 47	1 47	9 4	2 18	9 46	1 28	17 50	0 4	21 50	0 31	21 29	0 18	21 12	0 33	8 1	1 39	3 32	14 33	22 20	22 29	25 2	7 1	2 2
T 9	17 23	20 32	0 40	8 54	2 29	10 13	1 27	18 2	0 4	21 49	0 31	21 29	0 18	21 12	0 33	8 2	1 39	3 32	14 33	22 20	22 29	25 1	7 2	2 2
F 10	17 39	23 19	0n27	8 47	2 39	10 40	1 26	18 14	0 5	21 47	0 31	21 30	0 18	21 11	0 33	8 3	1 39	3 33	14 33	22 20	22 29	25 1	7 3	2 2
S 11	17 54	24 59	1 32	8 42	2 48	11 6	1 25	18 26	0 6	21 46	0 31	21 30	0 18	21 11	0 33	8 3	1 40	3 33	14 33	22 20	22 28	25 1	7 4	2 2
S 12	18 10	25 30	2 32	8 40	2 56	11 32	1 24	18 37	0 6	21 44	0 31	21 30	0 18	21 10	0 33	8 4	1 40	3 33	14 33	22 20	22 28	25 1	7 6	2 2
M13	18 25	24 50	3 26	8 40	3 3	11 58	1 22	18 49	0 7	21 43	0 31	21 30	0 18	21 10	0 33	8 5	1 40	3 34	14 33	22 20	22 27	25 0	7 7	2 2
T 14	18 39	23 3	4 11	8 43	3 10	12 23	1 21	19 0	0 7	21 41	0 31	21 30	0 18	21 10	0 33	8 5	1 40	3 34	14 33	22 20	22 27	25 0	7 8	2 2
W15	18 53	20 16	4 45	8 48	3 15	12 48	1 20	19 11	0 8	21 39	0 31	21 31	0 17	21 9	0 33	8 6	1 40	3 34	14 33	22 20	22 27	25 0	7 9	2 2
T 16	19 7	16 36	5 7	8 55	3 19	13 13	1 18	19 22	0 9	21 38	0 31	21 31	0 17	21 9	0 33	8 7	1 40	3 35	14 33	22 20	22 26	24 59	7 10	2 2
F 17	19 21	12 10	5 16	9 4	3 23	13 38	1 17	19 32	0 9	21 36	0 31	21 31	0 17	21 8	0 33	8 8	1 40	3 35	14 33	22 20	22 26	24 59	7 11	2 2
S 18	19 34	7 9	5 10	9 15	3 26	14 2	1 15	19 43	0 10	21 34	0 31	21 32	0 17	21 8	0 33	8 8	1 40	3 35	14 33	22 20	22 25	24 59	7 12	2 2
S 19	19 47	1 40	4 48	9 28	3 28	14 26	1 14	19 53	0 11	21 32	0 31	21 32	0 17	21 7	0 33	8 9	1 40	3 36	14 33	22 20	22 25	24 58	7 14	2 2
M20	20 0	4s 3	4 11	9 43	3 29	14 49	1 12	20 3	0 11	21 30	0 31	21 32	0 17	21 7	0 33	8 10	1 40	3 36	14 33	22 20	22 25	24 58	7 15	2 2
T 21	20 12	9 46	3 18	10 0	3 29	15 13	1 11	20 13	0 12	21 29	0 31	21 33	0 17	21 6	0 33	8 10	1 40	3 36	14 33	22 20	22 24	24 58	7 16	2 2
W22	20 24	15 9	2 11	10 18	3 28	15 35	1 9	20 23	0 12	21 27	0 32	21 33	0 17	21 6	0 33	8 11	1 40	3 37	14 33	22 19	22 24	24 57	7 17	2 2
T 23	20 36	19 48	0 55	10 38	3 27	15 58	1 7	20 32	0 13	21 25	0 32	21 33	0 17	21 5	0 33	8 12	1 40	3 37	14 33	22 19	22 24	24 57	7 18	2 2
F 24	20 47	23 17	0s26	11 0	3 25	16 20	1 5	20 42	0 14	21 23	0 32	21 34	0 17	21 5	0 33	8 12	1 40	3 37	14 33	22 19	22 23	24 57	7 19	2 2
S 25	20 58	25 12	1 46	11 23	3 22	16 41	1 4	20 51	0 14	21 21	0 32	21 34	0 17	21 4	0 33	8 13	1 40	3 38	14 33	22 19	22 23	24 56	7 20	2 2
S 26	21 9	25 21	2 59	11 47	3 19	17 3	1 2	21 0	0 15	21 19	0 32	21 35	0 17	21 4	0 33	8 14	1 40	3 38	14 33	22 19	22 22	24 56	7 21	2 2
M27	21 19	23 44	3 59	12 12	3 15	17 24	1 0	21 8	0 15	21 17	0 32	21 35	0 17	21 3	0 33	8 14	1 40	3 38	14 33	22 19	22 22	24 56	7 22	2 2
T 28	21 29	20 34	4 44	12 39	3 10	17 44	0 58	21 17	0 16	21 15	0 32	21 35	0 17	21 3	0 33	8 15	1 40	3 38	14 33	22 20	22 22	24 55	7 23	2 2
W29	21 38	16 15	5 10	13 7	3 5	18 4	0 56	21 25	0 17	21 13	0 32	21 36	0 17	21 2	0 33	8 15	1 40	3 39	14 34	22 20	22 21	24 55	7 24	2 2
T 30	21 47	11 9	5 17	13 35	2 59	18 23	0 54	21 33	0 17	21 11	0 32	21 36	0 17	21 2	0 33	8 16	1 40	3 39	14 34	22 20	22 21	24 54	7 25	2 2
F 31	21n56	5s36	5s 6	14n 5	2s53	18n42	0s52	21n41	0n18	21n 9	0n32	21s37	0n17	21n 1	0n33	8n17	1s40	3n39	14s34	22n20	22n20	24n54	7n26	2n 2

Julian Day Number = 2404914.5, Delta T = 0.29 sec
Ecliptic obliquity = 23°27'24, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°57'27, Lahiri = 22°04'27

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ASTRODIENST EPHEMERIS for the year 1872
geocentric

JUNE 1872 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 39 8	10♊44'56	11♈ 1	18♉ 6	28♉25	7♊ 6	27♋55	20°R29	28♋31	25♈26	19♉50	12°R37	12♊40	21♋52	14♈ 7	S 1
S 2	16 43 4	11°42'24	24° 3	19°33	29°38	7°48	28° 6	20♑26	28°34	25°28	19°52	12♊37	12°37	21°59	14° 9	S 2
M 3	16 47 1	12°39'51	6♉51	21° 3	0♊52	8°30	28°17	20°23	28°37	25°29	19°53	12°D37	12°33	22° 6	14°12	M 3
T 4	16 50 57	13°37'17	19°24	22°35	2° 5	9°12	28°28	20°20	28°40	25°31	19°54	12°37	12°30	22°12	14°14	T 4
W 5	16 54 54	14°34'42	1♊46	24°10	3°19	9°54	28°40	20°17	28°43	25°33	19°55	12°37	12°27	22°19	14°16	W 5
T 6	16 58 51	15°32'07	13°58	25°48	4°32	10°36	28°51	20°14	28°46	25°34	19°57	12°R37	12°24	22°26	14°18	T 6
F 7	17 2 47	16°29'31	26° 0	27°29	5°45	11°17	29° 2	20°11	28°48	25°36	19°58	12°37	12°21	22°32	14°20	F 7
S 8	17 6 44	17°26'54	7♋56	29°12	6°59	11°59	29°14	20° 7	28°51	25°37	19°59	12°36	12°17	22°39	14°22	S 8
S 9	17 10 40	18°24'16	19°47	0♊58	8°12	12°41	29°25	20° 4	28°54	25°39	20° 0	12°36	12°14	22°46	14°24	S 9
M10	17 14 37	19°21'37	1♌37	2°46	9°26	13°22	29°36	20° 1	28°57	25°41	20° 1	12°35	12°11	22°52	14°26	M10
T 11	17 18 33	20°18'58	13°27	4°37	10°39	14° 4	29°48	19°57	29° 0	25°42	20° 3	12°34	12° 8	22°59	14°28	T 11
W12	17 22 30	21°16'17	25°22	6°30	11°53	14°45	29°59	19°53	29° 4	25°43	20° 4	12°33	12° 5	23° 6	14°30	W12
T 13	17 26 27	22°13'36	7♍25	8°26	13° 6	15°27	0♌11	19°50	29° 7	25°45	20° 5	12°32	12° 2	23°12	14°32	T 13
F 14	17 30 23	23°10'53	19°41	10°24	14°20	16° 8	0°23	19°46	29°10	25°46	20° 6	12°D32	11°58	23°19	14°34	F 14
S 15	17 34 20	24° 8'10	2♎13	12°24	15°33	16°49	0°35	19°42	29°13	25°48	20° 7	12°32	11°55	23°26	14°35	S 15
S 16	17 38 16	25° 5'26	15° 7	14°26	16°47	17°31	0°47	19°39	29°16	25°49	20° 8	12°33	11°52	23°32	14°37	S 16
M17	17 42 13	26° 2'41	28°25	16°30	18° 1	18°12	0°59	19°35	29°19	25°50	20°10	12°34	11°49	23°39	14°39	M17
T 18	17 46 9	26°59'55	12♏ 9	18°36	19°14	18°53	1°11	19°31	29°23	25°52	20°11	12°35	11°46	23°46	14°40	T 18
W19	17 50 6	27°57'09	26°19	20°44	20°28	19°34	1°23	19°27	29°26	25°53	20°12	12°36	11°43	23°52	14°42	W19
T 20	17 54 2	28°54'22	10♐53	22°53	21°41	20°15	1°35	19°23	29°29	25°54	20°13	12°R36	11°39	23°59	14°43	T 20
F 21	17 57 59	29°51'35	25°46	25° 2	22°55	20°56	1°47	19°19	29°32	25°56	20°14	12°36	11°36	24° 6	14°45	F 21
S 22	18 1 56	0♋48'48	10♑51	27°13	24° 8	21°37	1°59	19°15	29°36	25°57	20°15	12°35	11°33	24°12	14°46	S 22
S 23	18 5 52	1°46'00	25°59	29°24	25°22	22°18	2°12	19°11	29°39	25°58	20°16	12°33	11°30	24°19	14°47	S 23
M24	18 9 49	2°43'12	11♒ 1	1♋35	26°35	22°59	2°24	19° 7	29°42	25°59	20°17	12°30	11°27	24°26	14°49	M24
T 25	18 13 45	3°40'24	25°47	3°47	27°49	23°40	2°36	19° 3	29°46	26° 0	20°18	12°28	11°24	24°33	14°50	T 25
W26	18 17 42	4°37'35	10♓13	5°57	29° 3	24°21	2°49	18°58	29°49	26° 1	20°19	12°25	11°20	24°39	14°51	W26
T 27	18 21 38	5°34'47	24°14	8° 8	0♋16	25° 2	3° 1	18°54	29°53	26° 2	20°20	12°24	11°17	24°46	14°52	T 27
F 28	18 25 35	6°31'59	7♈51	10°17	1°30	25°43	3°14	18°50	29°56	26° 3	20°21	12°D24	11°14	24°53	14°53	F 28
S 29	18 29 31	7°29'11	21° 4	12°26	2°44	26°23	3°26	18°46	29°59	26° 4	20°22	12°24	11°11	24°59	14°54	S 29
S 30	18 33 28	8♋26'23	3♉56	14♋33	3♋57	27♊ 4	3♌39	18♑41	0♌ 3	26♈ 5	20♉23	12♊26	11♊ 8	25♋ 6	14♈55	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 4	0n 5	4s39	14n35	2s46	19n 1	0s50	21n49	0n18	21n 7	0n32	21s37	0n16	21n 1	0n33	8n17	1s40	3n39	14s34	22n20	22n20	24n54	7n27	2n 2
S 2	22 12	5 39	3 58	15 6	2 38	19 19	0 48	21 56	0 19	21 4	0 32	21 38	0 16	21 0	0 33	8 18	1 40	3 40	14 34	22 20	22 19	24 53	7 28	2 2
M 3	22 20	10 53	3 6	15 37	2 30	19 36	0 45	22 4	0 20	21 2	0 32	21 38	0 16	20 59	0 33	8 18	1 40	3 40	14 34	22 20	22 19	24 53	7 29	2 2
T 4	22 27	15 35	2 5	16 9	2 22	19 53	0 43	22 11	0 20	21 0	0 32	21 39	0 16	20 59	0 33	8 19	1 40	3 40	14 34	22 20	22 19	24 52	7 29	2 2
W 5	22 34	19 33	1 0	16 41	2 13	20 10	0 41	22 18	0 21	20 58	0 32	21 39	0 16	20 58	0 33	8 19	1 40	3 40	14 34	22 20	22 18	24 52	7 30	2 2
T 6	22 40	22 37	0n 7	17 13	2 3	20 25	0 39	22 24	0 21	20 56	0 32	21 40	0 16	20 58	0 33	8 20	1 40	3 41	14 34	22 20	22 18	24 51	7 31	2 2
F 7	22 46	24 37	1 14	17 46	1 54	20 41	0 37	22 31	0 22	20 53	0 32	21 40	0 16	20 57	0 33	8 21	1 40	3 41	14 34	22 20	22 17	24 51	7 32	2 2
S 8	22 52	25 29	2 16	18 18	1 44	20 56	0 34	22 37	0 23	20 51	0 32	21 41	0 16	20 56	0 33	8 21	1 41	3 41	14 34	22 19	22 17	24 51	7 33	2 2
S 9	22 57	25 10	3 12	18 51	1 33	21 10	0 32	22 43	0 23	20 49	0 32	21 42	0 16	20 56	0 33	8 22	1 41	3 41	14 35	22 19	22 17	24 50	7 34	2 2
M10	23 2	23 42	4 0	19 23	1 23	21 23	0 30	22 49	0 24	20 46	0 32	21 42	0 16	20 55	0 33	8 22	1 41	3 41	14 35	22 19	22 16	24 50	7 34	2 2
T 11	23 6	21 13	4 37	19 54	1 12	21 36	0 27	22 54	0 24	20 44	0 32	21 43	0 16	20 54	0 33	8 23	1 41	3 41	14 35	22 19	22 16	24 49	7 35	2 2
W12	23 10	17 49	5 3	20 25	1 1	21 49	0 25	23 0	0 25	20 41	0 32	21 43	0 16	20 54	0 33	8 23	1 41	3 42	14 35	22 19	22 15	24 49	7 36	2 2
T 13	23 14	13 40	5 15	20 55	0 50	22 1	0 23	23 5	0 26	20 39	0 32	21 44	0 16	20 53	0 33	8 24	1 41	3 42	14 35	22 19	22 15	24 48	7 37	2 2
F 14	23 17	8 54	5 14	21 23	0 38	22 12	0 20	23 10	0 26	20 36	0 32	21 45	0 16	20 53	0 33	8 24	1 41	3 42	14 35	22 19	22 15	24 48	7 37	2 2
S 15	23 20	3 41	4 58	21 51	0 27	22 22	0 18	23 15	0 27	20 34	0 32	21 45	0 15	20 52	0 33	8 25	1 41	3 42	14 35	22 19	22 14	24 47	7 38	2 2
S 16	23 22	1s51	4 27	22 17	0 16	22 32	0 16	23 19	0 27	20 31	0 32	21 46	0 15	20 51	0 33	8 25	1 41	3 42	14 35	22 19	22 14	24 47	7 39	2 2
M17	23 24	7 29	3 41	22 42	0 5	22 42	0 13	23 24	0 28	20 29	0 32	21 46	0 15	20 51	0 33	8 25	1 41	3 42	14 36	22 19	22 13	24 46	7 39	2 2
T 18	23 25	12 56	2 41	23 4	0n 6	22 50	0 11	23 28	0 28	20 26	0 32	21 47	0 15	20 50	0 33	8 26	1 41	3 43	14 36	22 19	22 13	24 46	7 40	2 2
W19	23 26	17 54	1 29	23 25	0 17	22 58	0 8	23 32	0 29	20 23	0 32	21 48	0 15	20 49	0 33	8 26	1 41	3 43	14 36	22 19	22 12	24 45	7 41	2 3
T 20	23 27	21 56	0 10	23 43	0 27	23 6	0 6	23 35	0 30	20 21	0 32	21 48	0 15	20 48	0 33	8 27	1 41	3 43	14 36	22 19	22 12	24 45	7 41	2 3
F 21	23 27	24 35	1s12	23 59	0 37	23 12	0 4	23 39	0 30	20 18	0 32	21 49	0 15	20 48	0 33	8 27	1 41	3 43	14 36	22 19	22 12	24 44	7 42	2 3
S 22	23 27	25 30	2 30	24 13	0 47	23 18	0 1	23 42	0 31	20 15	0 32	21 50	0 15	20 47	0 33	8 27	1 41	3 43	14 36	22 19	22 11	24 43	7 42	2 3
S 23	23 27	24 31	3 37	24 23	0 56	23 24	0n 1	23 45	0 31	20 13	0 32	21 50	0 15	20 46	0 33	8 28	1 41	3 43	14 37	22 19	22 11	24 43	7 43	2 3
M24	23 26	21 47	4 29	24 31	1 4	23 28	0 4	23 48	0 32	20 10	0 33	21 51	0 15	20 46	0 33	8 28	1 41	3 43	14 37	22 19	22 10	24 42	7 44	2 3
T 25	23 24	17 40	5 2	24 36	1 12	23 32	0 6	23 51	0 32	20 7	0 33	21 52	0 15	20 45	0 33	8 29	1 41	3 43	14 37	22 18	22 10	24 42	7 44	2 3
W26	23 23	12 36	5 15	24 39	1 20	23 36	0 8	23 53	0 33	20 4	0 33	21 52	0 15	20 44	0 33	8 29	1 41	3 43	14 37	22 18	22 9	24 41	7 45	2 3
T 27	23 20	7 0	5 8	24 38	1 26	23 38	0 11	23 55	0 33	20 2	0 33	21 53	0 15	20 43	0 33	8 29	1 42	3 43	14 37	22 18	22 9	24 41	7 45	2 3
F 28	23 18	1 14	4 45	24 35	1 32	23 40	0 13	23 57	0 34	19 59	0 33	21 54	0 14	20 43	0 33	8 30	1 42	3 44	14 37	22 18	22 8	24 40	7 46	2 3
S 29	23 15	4n25	4 6	24 29	1 37	23 41	0 15	23 59	0 35	19 56	0 33	21 54	0 14	20 42	0 33	8 30	1 42	3 44	14 38	22 18	22 8	24 39	7 46	2 3
S 30	23n11	9n45	3s16	24n20	1n41	23n42	0n18	24n 0	0n35	19n53	0n33	21s55	0n14	20n41	0n33	8n30	1s42	3n44	14s38	22n18	22n 8	24n39	7n46	2n 3

Julian Day Number = 2404945.5, Delta T = 0.24 sec
Ecliptic obliquity = 23°27'24, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°57'31, Lahiri = 22°04'31

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ASTRODIENST EPHEMERIS for the year 1872
geocentric

JULY 1872 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 37 25	9♋23'36	16♉29	16♋39	5♋11	27♊44	3♌51	18°R37	0♌ 7	26♈ 6	20♉24	12♊27	11♊ 4	25♋13	14♈56	M 1
T 2	18 41 21	10°20'49	28°49	18°43	6°25	28°25	4° 4	18♑33	0°10	26° 7	20°25	12°29	11° 1	25°19	14°57	T 2
W 3	18 45 18	11°18'01	10♊57	20°46	7°38	29° 6	4°17	18°28	0°14	26° 8	20°26	12°R29	10°58	25°26	14°58	W 3
T 4	18 49 14	12°15'14	22°57	22°47	8°52	29°46	4°29	18°24	0°17	26° 9	20°27	12°29	10°55	25°33	14°59	T 4
F 5	18 53 11	13°12'28	4♋51	24°46	10° 6	0♋26	4°42	18°19	0°21	26°10	20°28	12°27	10°52	25°39	15° 0	F 5
S 6	18 57 7	14° 9'41	16°41	26°44	11°20	1° 7	4°55	18°15	0°24	26°11	20°29	12°23	10°49	25°46	15° 0	S 6
S 7	19 1 4	15° 6'55	28°31	28°39	12°33	1°47	5° 8	18°11	0°28	26°11	20°30	12°19	10°45	25°53	15° 1	S 7
M 8	19 5 0	16° 4'08	10♌21	0♌33	13°47	2°28	5°21	18° 6	0°31	26°12	20°31	12°13	10°42	25°59	15° 1	M 8
T 9	19 8 57	17° 1'22	22°14	2°24	15° 1	3° 8	5°33	18° 2	0°35	26°13	20°31	12° 7	10°39	26° 6	15° 2	T 9
W10	19 12 54	17°58'35	4♍11	4°14	16°15	3°48	5°46	17°57	0°39	26°13	20°32	12° 1	10°36	26°13	15° 2	W10
T 11	19 16 50	18°55'49	16°17	6° 2	17°28	4°28	5°59	17°53	0°42	26°14	20°33	11°56	10°33	26°19	15° 3	T 11
F 12	19 20 47	19°53'02	28°33	7°48	18°42	5° 8	6°12	17°48	0°46	26°15	20°34	11°52	10°29	26°26	15° 3	F 12
S 13	19 24 43	20°50'16	11♎ 4	9°32	19°56	5°48	6°25	17°44	0°50	26°15	20°35	11°50	10°26	26°33	15° 3	S 13
S 14	19 28 40	21°47'30	23°53	11°14	21°10	6°28	6°38	17°40	0°53	26°16	20°35	11°D49	10°23	26°40	15° 4	S 14
M15	19 32 36	22°44'44	7♏ 5	12°55	22°24	7° 8	6°51	17°35	0°57	26°16	20°36	11°50	10°20	26°46	15° 4	M15
T 16	19 36 33	23°41'58	20°41	14°33	23°38	7°48	7° 4	17°31	1° 1	26°17	20°37	11°51	10°17	26°53	15° 4	T 16
W17	19 40 29	24°39'12	4♐43	16° 9	24°51	8°28	7°17	17°26	1° 4	26°17	20°37	11°R53	10°14	27° 0	15° 4	W17
T 18	19 44 26	25°36'27	19°12	17°44	26° 5	9° 8	7°30	17°22	1° 8	26°18	20°38	11°52	10°10	27° 6	15°R 4	T 18
F 19	19 48 23	26°33'41	4♑ 5	19°16	27°19	9°48	7°44	17°18	1°12	26°18	20°39	11°51	10° 7	27°13	15° 4	F 19
S 20	19 52 19	27°30'57	19°14	20°47	28°33	10°28	7°57	17°13	1°15	26°18	20°39	11°47	10° 4	27°20	15° 4	S 20
S 21	19 56 16	28°28'13	4♒30	22°15	29°47	11° 8	8°10	17° 9	1°19	26°19	20°40	11°42	10° 1	27°26	15° 4	S 21
M22	20 0 12	29°25'29	19°44	23°42	1♌ 1	11°47	8°23	17° 5	1°23	26°19	20°41	11°35	9°58	27°33	15° 4	M22
T 23	20 4 9	0♌22'46	4♓45	25° 7	2°15	12°27	8°36	17° 0	1°26	26°19	20°41	11°28	9°55	27°40	15° 4	T 23
W24	20 8 5	1°20'04	19°24	26°29	3°29	13° 6	8°49	16°56	1°30	26°19	20°42	11°21	9°51	27°46	15° 3	W24
T 25	20 12 2	2°17'22	3♈35	27°50	4°43	13°46	9° 3	16°52	1°34	26°19	20°42	11°16	9°48	27°53	15° 3	T 25
F 26	20 15 58	3°14'42	17°18	29° 8	5°57	14°26	9°16	16°48	1°37	26°20	20°43	11°13	9°45	28° 0	15° 3	F 26
S 27	20 19 55	4°12'03	0♉32	0♍24	7°11	15° 5	9°29	16°44	1°41	26°20	20°43	11°D12	9°42	28° 6	15° 2	S 27
S 28	20 23 52	5° 9'25	13°22	1°38	8°25	15°45	9°42	16°40	1°45	26°20	20°44	11°12	9°39	28°13	15° 2	S 28
M29	20 27 48	6° 6'48	25°50	2°50	9°39	16°24	9°55	16°36	1°48	26°20	20°44	11°13	9°35	28°20	15° 1	M29
T 30	20 31 45	7° 4'12	8♊ 2	4° 0	10°53	17° 3	10° 9	16°32	1°52	26°R20	20°45	11°R14	9°32	28°27	15° 0	T 30
W31	20 35 41	8♌ 1'37	20♊ 3	5♍ 7	12♌ 7	17♋43	10♌22	16♑28	1♌56	26♈20	20♉45	11♊13	9♊29	28♋33	15♈ 0	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 7	14n34	2s18	24n 9	1n45	23n41	0n20	24n 2	0n36	19n50	0n33	21s56	0n14	20n40	0n33	8n30	1s42	3n44	14s38	22n18	22n 7	24n38	7n47	2n 3
T 2	23 3	18 42	1 14	23 56	1 48	23 40	0 22	24 3	0 36	19 47	0 33	21 56	0 14	20 40	0 33	8 31	1 42	3 44	14 38	22 18	22 7	24 38	7 47	2 3
W 3	22 59	21 58	0 8	23 40	1 50	23 39	0 25	24 4	0 37	19 44	0 33	21 57	0 14	20 39	0 33	8 31	1 42	3 44	14 38	22 19	22 6	24 37	7 48	2 3
T 4	22 53	24 13	0n57	23 22	1 51	23 36	0 27	24 5	0 37	19 41	0 33	21 58	0 14	20 38	0 33	8 31	1 42	3 44	14 39	22 18	22 6	24 36	7 48	2 3
F 5	22 48	25 21	1 59	23 1	1 52	23 33	0 29	24 5	0 38	19 38	0 33	21 58	0 14	20 37	0 33	8 31	1 42	3 44	14 39	22 18	22 5	24 36	7 48	2 3
S 6	22 42	25 20	2 56	22 39	1 52	23 30	0 31	24 5	0 38	19 35	0 33	21 59	0 14	20 37	0 33	8 32	1 42	3 44	14 39	22 18	22 5	24 35	7 48	2 3
S 7	22 36	24 9	3 45	22 16	1 51	23 25	0 34	24 5	0 39	19 32	0 33	22 0	0 14	20 36	0 33	8 32	1 42	3 44	14 39	22 17	22 4	24 34	7 49	2 3
M 8	22 29	21 54	4 24	21 50	1 50	23 20	0 36	24 5	0 39	19 29	0 33	22 0	0 14	20 35	0 33	8 32	1 42	3 44	14 39	22 16	22 4	24 34	7 49	2 3
T 9	22 22	18 43	4 52	21 23	1 48	23 14	0 38	24 5	0 40	19 26	0 33	22 1	0 14	20 34	0 33	8 32	1 42	3 44	14 40	22 16	22 4	24 33	7 49	2 3
W10	22 15	14 45	5 8	20 55	1 45	23 8	0 40	24 5	0 40	19 23	0 33	22 2	0 13	20 34	0 33	8 32	1 42	3 44	14 40	22 15	22 3	24 32	7 49	2 3
T 11	22 7	10 10	5 10	20 26	1 42	23 1	0 42	24 4	0 41	19 20	0 33	22 2	0 13	20 33	0 33	8 33	1 42	3 44	14 40	22 14	22 3	24 32	7 50	2 3
F 12	21 59	5 8	4 58	19 55	1 38	22 53	0 44	24 3	0 41	19 16	0 33	22 3	0 13	20 32	0 33	8 33	1 42	3 44	14 40	22 14	22 2	24 31	7 50	2 3
S 13	21 50	0s13	4 31	19 23	1 34	22 44	0 46	24 2	0 42	19 13	0 33	22 4	0 13	20 31	0 33	8 33	1 42	3 44	14 41	22 13	22 2	24 30	7 50	2 4
S 14	21 41	5 42	3 51	18 51	1 29	22 35	0 48	24 0	0 42	19 10	0 34	22 4	0 13	20 30	0 33	8 33	1 43	3 44	14 41	22 13	22 1	24 29	7 50	2 4
M15	21 32	11 5	2 57	18 18	1 24	22 25	0 50	23 59	0 43	19 7	0 34	22 5	0 13	20 30	0 33	8 33	1 43	3 44	14 41	22 13	22 1	24 29	7 50	2 4
T 16	21 23	16 8	1 52	17 44	1 18	22 14	0 52	23 57	0 44	19 4	0 34	22 6	0 13	20 29	0 33	8 33	1 43	3 44	14 41	22 14	22 0	24 28	7 50	2 4
W17	21 13	20 28	0 39	17 9	1 12	22 3	0 54	23 55	0 44	19 0	0 34	22 6	0 13	20 28	0 33	8 33	1 43	3 43	14 42	22 14	22 0	24 27	7 50	2 4
T 18	21 2	23 41	0s40	16 34	1 5	21 51	0 56	23 53	0 45	18 57	0 34	22 7	0 13	20 27	0 33	8 34	1 43	3 43	14 42	22 14	21 59	24 27	7 50	2 4
F 19	20 51	25 21	1 57	15 58	0 58	21 39	0 57	23 51	0 45	18 54	0 34	22 8	0 13	20 26	0 33	8 34	1 43	3 43	14 42	22 13	21 59	24 26	7 51	2 4
S 20	20 40	25 11	3 8	15 23	0 51	21 26	0 59	23 48	0 46	18 50	0 34	22 8	0 13	20 26	0 33	8 34	1 43	3 43	14 42	22 13	21 59	24 25	7 51	2 4
S 21	20 29	23 7	4 6	14 47	0 43	21 12	1 1	23 45	0 46	18 47	0 34	22 9	0 12	20 25	0 33	8 34	1 43	3 43	14 43	22 12	21 58	24 24	7 51	2 4
M22	20 17	19 25	4 46	14 10	0 34	20 58	1 2	23 42	0 47	18 44	0 34	22 10	0 12	20 24	0 33	8 34	1 43	3 43	14 43	22 11	21 58	24 24	7 51	2 4
T 23	20 5	14 30	5 5	13 34	0 26	20 43	1 4	23 39	0 47	18 40	0 34	22 10	0 12	20 23	0 33	8 34	1 43	3 43	14 43	22 10	21 57	24 23	7 50	2 4
W24	19 53	8 52	5 4	12 58	0 17	20 27	1 6	23 36	0 48	18 37	0 34	22 11	0 12	20 22	0 33	8 34	1 43	3 43	14 43	22 9	21 57	24 22	7 50	2 4
T 25	19 40	2 55	4 45	12 21	0 8	20 11	1 7	23 32	0 48	18 34	0 34	22 12	0 12	20 22	0 33	8 34	1 43	3 43	14 44	22 9	21 56	24 21	7 50	2 4
F 26	19 27	2n58	4 9	11 45	0s 2	19 54	1 9	23 29	0 49	18 30	0 34	22 12	0 12	20 21	0 33	8 34	1 43	3 43	14 44	22 8	21 56	24 20	7 50	2 4
S 27	19 13	8 32	3 21	11 9	0 12	19 37	1 10	23 25	0 49	18 27	0 34	22 13	0 12	20 20	0 33	8 34	1 43	3 42	14 44	22 8	21 55	24 20	7 50	2 4
S 28	19 0	13 34	2 24	10 34	0 22	19 19	1 11	23 21	0 50	18 23	0 34	22 13	0 12	20 19	0 33	8 34	1 43	3 42	14 44	22 8	21 55	24 19	7 50	2 4
M29	18 45	17 54	1 22	9 58	0 32	19 1	1 13	23 17	0 50	18 20	0 35	22 14	0 12	20 18	0 33	8 34	1 43	3 42	14 45	22 8	21 54	24 18	7 50	2 4
T 30	18 31	21 23	0 17	9 23	0 43	18 42	1 14	23 12	0 51	18 16	0 35	22 15	0 12	20 17	0 33	8 34	1 43	3 42	14 45	22 8	21 54	24 17	7 49	2 4
W31	18n16	23n52	0n47	8n49	0s53	18n23	1n15	23n 8	0n51	18n13	0n35	22s15	0n12	20n17	0n33	8n34	1s44	3n42	14s45	22n 8	21n53	24n16	7n49	2n 4

Julian Day Number = 2404975.5, Delta T = 0.18 sec
Ecliptic obliquity = 23°27'24, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°57'35, Lahiri = 22°04'36

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ASTRODIENST EPHEMERIS for the year 1872
geocentric

AUGUST 1872 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 39 38	8♌59'03	1♋56	6♍11	13♌21	18♋22	10♌35	16°R24	1♌59	26°R20	20♉46	11°R11	9♊26	28♋40	14°R59	T 1
F 2	20 43 34	9°56'31	13°46	7°13	14°35	19° 1	10°48	16♑20	2° 3	26♈20	20°46	11♊ 6	9°23	28°47	14♈58	F 2
S 3	20 47 31	10°53'59	25°35	8°13	15°49	19°41	11° 1	16°16	2° 7	26°20	20°46	10°59	9°20	28°53	14°58	S 3
S 4	20 51 28	11°51'29	7♌25	9° 9	17° 3	20°20	11°15	16°12	2°10	26°19	20°47	10°50	9°16	29° 0	14°57	S 4
M 5	20 55 24	12°48'59	19°19	10° 2	18°17	20°59	11°28	16° 8	2°14	26°19	20°47	10°39	9°13	29° 7	14°56	M 5
T 6	20 59 21	13°46'31	1♍18	10°53	19°31	21°38	11°41	16° 5	2°18	26°19	20°47	10°27	9°10	29°13	14°55	T 6
W 7	21 3 17	14°44'03	13°23	11°40	20°45	22°17	11°54	16° 1	2°21	26°19	20°48	10°16	9° 7	29°20	14°54	W 7
T 8	21 7 14	15°41'37	25°36	12°23	21°59	22°56	12° 8	15°58	2°25	26°18	20°48	10° 5	9° 4	29°27	14°53	T 8
F 9	21 11 10	16°39'11	7♎58	13° 3	23°13	23°35	12°21	15°54	2°29	26°18	20°48	9°57	9° 1	29°33	14°52	F 9
S 10	21 15 7	17°36'46	20°33	13°39	24°27	24°14	12°34	15°51	2°32	26°18	20°48	9°52	8°57	29°40	14°50	S 10
S 11	21 19 3	18°34'22	3♏23	14°12	25°42	24°53	12°47	15°47	2°36	26°17	20°49	9°49	8°54	29°47	14°49	S 11
M12	21 23 0	19°32'00	16°30	14°39	26°56	25°32	13° 0	15°44	2°39	26°17	20°49	9°D48	8°51	29°54	14°48	M12
T 13	21 26 56	20°29'38	29°59	15° 3	28°10	26°11	13°14	15°41	2°43	26°17	20°49	9°48	8°48	0♌ 0	14°47	T 13
W14	21 30 53	21°27'17	13♐51	15°22	29°24	26°50	13°27	15°37	2°47	26°16	20°49	9°R48	8°45	0° 7	14°45	W14
T 15	21 34 50	22°24'57	28° 7	15°35	0♍38	27°28	13°40	15°34	2°50	26°16	20°49	9°47	8°41	0°14	14°44	T 15
F 16	21 38 46	23°22'39	12♑47	15°44	1°52	28° 7	13°53	15°31	2°54	26°15	20°49	9°44	8°38	0°20	14°42	F 16
S 17	21 42 43	24°20'21	27°45	15°R48	3° 6	28°46	14° 6	15°28	2°57	26°14	20°49	9°38	8°35	0°27	14°41	S 17
S 18	21 46 39	25°18'05	12♒55	15°45	4°21	29°24	14°19	15°26	3° 1	26°14	20°49	9°30	8°32	0°34	14°39	S 18
M19	21 50 36	26°15'50	28° 6	15°38	5°35	0♌ 3	14°32	15°23	3° 4	26°13	20°49	9°20	8°29	0°40	14°38	M19
T 20	21 54 32	27°13'36	13♓ 8	15°24	6°49	0°42	14°45	15°20	3° 8	26°13	20°R49	9° 9	8°26	0°47	14°36	T 20
W21	21 58 29	28°11'23	27°51	15° 4	8° 3	1°20	14°58	15°17	3°11	26°12	20°49	8°59	8°22	0°54	14°34	W21
T 22	22 2 25	29° 9'13	12♈ 9	14°39	9°17	1°59	15°11	15°15	3°14	26°11	20°49	8°50	8°19	1° 0	14°33	T 22
F 23	22 6 22	0♍ 7'04	25°58	14° 8	10°31	2°37	15°24	15°12	3°18	26°10	20°49	8°44	8°16	1° 7	14°31	F 23
S 24	22 10 19	1° 4'56	9♉17	13°32	11°46	3°16	15°37	15°10	3°21	26°10	20°49	8°41	8°13	1°14	14°29	S 24
S 25	22 14 15	2° 2'51	22° 9	12°50	13° 0	3°54	15°50	15° 7	3°25	26° 9	20°49	8°40	8°10	1°21	14°27	S 25
M26	22 18 12	3° 0'47	4♊38	12° 4	14°14	4°32	16° 3	15° 5	3°28	26° 8	20°49	8°39	8° 7	1°27	14°25	M26
T 27	22 22 8	3°58'46	16°49	11°14	15°28	5°11	16°16	15° 3	3°31	26° 7	20°49	8°39	8° 3	1°34	14°24	T 27
W28	22 26 5	4°56'46	28°48	10°21	16°43	5°49	16°29	15° 1	3°34	26° 6	20°49	8°38	8° 0	1°41	14°22	W28
T 29	22 30 1	5°54'48	10♋40	9°25	17°57	6°27	16°42	14°59	3°38	26° 5	20°49	8°35	7°57	1°47	14°20	T 29
F 30	22 33 58	6°52'52	22°28	8°28	19°11	7° 5	16°55	14°57	3°41	26° 4	20°48	8°29	7°54	1°54	14°18	F 30
S 31	22 37 54	7♍50'58	4♌18	7♍32	20♍25	7♌44	17♌ 8	14♑55	3♌44	26♈ 3	20♉48	8♊21	7♊51	2♌ 1	14♈15	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 1	25n15	1n49	8n15	1s 4	18n 3	1n16	23n 3	0n51	18n 9	0n35	22s16	0n11	20n16	0n33	8n34	1s44	3n42	14s45	22n 8	21n53	24n16	7n49	2n 4
F 2	17 46	25 29	2 45	7 42	1 15	17 42	1 17	22 58	0 52	18 6	0 35	22 16	0 11	20 15	0 33	8 33	1 44	3 42	14 46	22 7	21 52	24 15	7 49	2 4
S 3	17 31	24 33	3 34	7 10	1 26	17 21	1 18	22 53	0 52	18 2	0 35	22 17	0 11	20 14	0 33	8 33	1 44	3 41	14 46	22 6	21 52	24 14	7 48	2 4
S 4	17 15	22 31	4 14	6 38	1 38	17 0	1 19	22 47	0 53	17 59	0 35	22 17	0 11	20 13	0 33	8 33	1 44	3 41	14 46	22 5	21 51	24 13	7 48	2 4
M 5	16 59	19 30	4 42	6 7	1 49	16 38	1 20	22 42	0 53	17 55	0 35	22 18	0 11	20 13	0 33	8 33	1 44	3 41	14 47	22 4	21 51	24 12	7 48	2 4
T 6	16 42	15 40	4 59	5 38	2 1	16 15	1 21	22 36	0 54	17 51	0 35	22 18	0 11	20 12	0 33	8 33	1 44	3 41	14 47	22 2	21 50	24 11	7 48	2 4
W 7	16 26	11 11	5 2	5 9	2 12	15 53	1 22	22 30	0 54	17 48	0 35	22 19	0 11	20 11	0 33	8 33	1 44	3 41	14 47	22 0	21 50	24 10	7 47	2 4
T 8	16 9	6 13	4 52	4 42	2 24	15 29	1 22	22 24	0 55	17 44	0 35	22 19	0 11	20 10	0 33	8 33	1 44	3 40	14 47	21 59	21 50	24 10	7 47	2 4
F 9	15 51	0 56	4 28	4 16	2 35	15 6	1 23	22 18	0 55	17 41	0 35	22 20	0 11	20 9	0 33	8 32	1 44	3 40	14 48	21 58	21 49	24 9	7 46	2 5
S 10	15 34	4s28	3 50	3 52	2 47	14 42	1 24	22 12	0 56	17 37	0 36	22 20	0 11	20 9	0 33	8 32	1 44	3 40	14 48	21 57	21 49	24 8	7 46	2 5
S 11	15 16	9 49	3 1	3 29	2 58	14 17	1 24	22 5	0 56	17 33	0 36	22 21	0 10	20 8	0 33	8 32	1 44	3 40	14 48	21 56	21 48	24 7	7 45	2 5
M12	14 58	14 52	2 0	3 9	3 9	13 52	1 25	21 59	0 57	17 30	0 36	22 21	0 10	20 7	0 33	8 32	1 44	3 40	14 48	21 56	21 48	24 6	7 45	2 5
T 13	14 40	19 19	0 52	2 50	3 20	13 27	1 25	21 52	0 57	17 26	0 36	22 22	0 10	20 6	0 33	8 32	1 44	3 39	14 49	21 56	21 47	24 5	7 45	2 5
W14	14 22	22 50	0s21	2 33	3 30	13 1	1 25	21 45	0 58	17 22	0 36	22 22	0 10	20 5	0 33	8 31	1 44	3 39	14 49	21 56	21 47	24 4	7 44	2 5
T 15	14 3	25 2	1 36	2 18	3 40	12 35	1 26	21 38	0 58	17 19	0 36	22 23	0 10	20 5	0 33	8 31	1 44	3 39	14 49	21 56	21 46	24 3	7 43	2 5
F 16	13 44	25 35	2 45	2 6	3 50	12 9	1 26	21 31	0 59	17 15	0 36	22 23	0 10	20 4	0 33	8 31	1 44	3 39	14 50	21 56	21 46	24 2	7 43	2 5
S 17	13 25	24 18	3 45	1 56	3 59	11 43	1 26	21 23	0 59	17 11	0 36	22 24	0 10	20 3	0 33	8 31	1 45	3 38	14 50	21 55	21 45	24 1	7 42	2 5
S 18	13 6	21 15	4 30	1 49	4 7	11 16	1 26	21 15	0 59	17 7	0 36	22 24	0 10	20 2	0 33	8 30	1 45	3 38	14 50	21 53	21 45	24 0	7 42	2 5
M19	12 46	16 45	4 55	1 46	4 15	10 48	1 26	21 8	1 0	17 4	0 36	22 25	0 10	20 1	0 33	8 30	1 45	3 38	14 50	21 52	21 44	24 0	7 41	2 5
T 20	12 27	11 15	5 0	1 45	4 21	10 21	1 26	21 0	1 0	17 0	0 36	22 25	0 10	20 1	0 33	8 30	1 45	3 38	14 51	21 50	21 44	23 59	7 41	2 5
W21	12 7	5 13	4 45	1 47	4 27	9 53	1 26	20 52	1 1	16 56	0 37	22 25	0 9	20 0	0 33	8 30	1 45	3 37	14 51	21 49	21 43	23 58	7 40	2 5
T 22	11 47	0n56	4 12	1 53	4 31	9 25	1 26	20 44	1 1	16 52	0 37	22 26	0 9	19 59	0 33	8 29	1 45	3 37	14 51	21 47	21 43	23 57	7 39	2 5
F 23	11 26	6 51	3 25	2 2	4 34	8 57	1 25	20 35	1 2	16 49	0 37	22 26	0 9	19 58	0 33	8 29	1 45	3 37	14 52	21 47	21 42	23 56	7 39	2 5
S 24	11 6	12 15	2 29	2 15	4 35	8 28	1 25	20 27	1 2	16 45	0 37	22 27	0 9	19 57	0 33	8 29	1 45	3 36	14 52	21 46	21 42	23 55	7 38	2 5
S 25	10 45	16 56	1 26	2 31	4 35	7 59	1 25	20 18	1 3	16 41	0 37	22 27	0 9	19 57	0 33	8 28	1 45	3 36	14 52	21 46	21 41	23 54	7 37	2 5
M26	10 24	20 44	0 21	2 50	4 33	7 30	1 24	20 10	1 3	16 37	0 37	22 27	0 9	19 56	0 33	8 28	1 45	3 36	14 52	21 46	21 41	23 53	7 36	2 5
T 27	10 3	23 31	0n43	3 12	4 29	7 1	1 24	20 1	1 3	16 34	0 37	22 28	0 9	19 55	0 33	8 28	1 45	3 36	14 53	21 46	21 40	23 52	7 36	2 5
W28	9 42	25 12	1 44	3 38	4 24	6 32	1 23	19 52	1 4	16 30	0 37	22 28	0 9	19 54	0 33	8 27	1 45	3 35	14 53	21 46	21 40	23 51	7 35	2 5
T 29	9 21	25 42	2 41	4 5	4 16	6 2	1 23	19 43	1 4	16 26	0 37	22 28	0 9	19 54	0 33	8 27	1 45	3 35	14 53	21 45	21 39	23 50	7 34	2 5
F 30	9 0	25 1	3 29	4 35	4 6	5 32	1 22	19 33	1 5	16 22	0 37	22 29	0 9	19 53	0 33	8 26	1 45	3 35	14 53	21 44	21 39	23 49	7 33	2 5
S 31	8n38	23n14	4n 9	5n 7	3s55	5n 2	1n21	19n24	1n 5	16n19	0n38	22s29	0n 9	19n52	0n33	8n26	1s45	3n34	14s54	21n43	21n38	23n48	7n33	2n 5

Julian Day Number = 2405006.5, Delta T = 0.13 sec
Ecliptic obliquity = 23°27'24, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°57'39, Lahiri = 22°04'40

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ASTRODIENST EPHEMERIS for the year 1872
geocentric

SEPTEMBER 1872 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 41 51	8♍49'05	16♌12	6°R36	21♍39	8♌22	17♌20	14°R54	3♌47	26°R 2	20°R48	8°R 9	7♊47	2♌ 7	14°R13	S 1
M 2	22 45 48	9°47'15	28°12	5♍43	22°54	9° 0	17°33	14♏52	3°51	26♈ 1	20♉48	7♊56	7°44	2°14	14♈11	M 2
T 3	22 49 44	10°45'25	10♍20	4°53	24° 8	9°38	17°46	14°50	3°54	26° 0	20°48	7°42	7°41	2°21	14° 9	T 3
W 4	22 53 41	11°43'38	22°37	4° 9	25°22	10°16	17°58	14°49	3°57	25°59	20°47	7°29	7°38	2°28	14° 7	W 4
T 5	22 57 37	12°41'53	5♎ 3	3°30	26°36	10°54	18°11	14°48	4° 0	25°58	20°47	7°17	7°35	2°34	14° 4	T 5
F 6	23 1 34	13°40'09	17°39	2°58	27°51	11°32	18°23	14°46	4° 3	25°57	20°47	7° 7	7°32	2°41	14° 2	F 6
S 7	23 5 30	14°38'26	0♏26	2°34	29° 5	12°10	18°36	14°45	4° 6	25°56	20°46	7° 0	7°28	2°48	14° 0	S 7
S 8	23 9 27	15°36'46	13°25	2°18	0♎19	12°48	18°48	14°44	4° 9	25°55	20°46	6°56	7°25	2°54	13°58	S 8
M 9	23 13 23	16°35'06	26°38	2°D10	1°33	13°26	19° 1	14°43	4°12	25°54	20°45	6°54	7°22	3° 1	13°55	M 9
T 10	23 17 20	17°33'29	10♐ 6	2°12	2°48	14° 3	19°13	14°42	4°15	25°52	20°45	6°54	7°19	3° 8	13°53	T 10
W11	23 21 17	18°31'53	23°52	2°23	4° 2	14°41	19°26	14°41	4°18	25°51	20°45	6°54	7°16	3°14	13°50	W11
T 12	23 25 13	19°30'19	7♑57	2°44	5°16	15°19	19°38	14°41	4°21	25°50	20°44	6°53	7°13	3°21	13°48	T 12
F 13	23 29 10	20°28'46	22°20	3°13	6°30	15°57	19°50	14°40	4°24	25°49	20°44	6°50	7° 9	3°28	13°45	F 13
S 14	23 33 6	21°27'15	6♒59	3°51	7°45	16°34	20° 2	14°40	4°26	25°47	20°43	6°44	7° 6	3°34	13°43	S 14
S 15	23 37 3	22°25'45	21°48	4°38	8°59	17°12	20°14	14°39	4°29	25°46	20°43	6°36	7° 3	3°41	13°40	S 15
M16	23 40 59	23°24'18	6♓41	5°32	10°13	17°50	20°26	14°39	4°32	25°45	20°42	6°26	7° 0	3°48	13°38	M16
T 17	23 44 56	24°22'51	21°29	6°34	11°27	18°27	20°39	14°39	4°35	25°43	20°42	6°15	6°57	3°55	13°35	T 17
W18	23 48 52	25°21'27	6♈ 3	7°43	12°42	19° 5	20°50	14°39	4°37	25°42	20°41	6° 5	6°53	4° 1	13°33	W18
T 19	23 52 49	26°20'05	20°15	8°59	13°56	19°42	21° 2	14°D39	4°40	25°40	20°41	5°56	6°50	4° 8	13°30	T 19
F 20	23 56 46	27°18'45	4♉ 3	10°20	15°10	20°19	21°14	14°39	4°42	25°39	20°40	5°50	6°47	4°15	13°27	F 20
S 21	0 0 42	28°17'27	17°23	11°46	16°24	20°57	21°26	14°39	4°45	25°38	20°39	5°46	6°44	4°21	13°25	S 21
S 22	0 4 39	29°16'11	0♊18	13°16	17°38	21°34	21°38	14°39	4°47	25°36	20°39	5°D45	6°41	4°28	13°22	S 22
M23	0 8 35	0♎14'58	12°50	14°50	18°53	22°12	21°49	14°40	4°50	25°35	20°38	5°45	6°38	4°35	13°19	M23
T 24	0 12 32	1°13'47	25° 4	16°27	20° 7	22°49	22° 1	14°40	4°52	25°33	20°37	5°45	6°34	4°41	13°17	T 24
W25	0 16 28	2°12'38	7♋ 5	18° 7	21°21	23°26	22°12	14°41	4°55	25°32	20°37	5°R45	6°31	4°48	13°14	W25
T 26	0 20 25	3°11'32	18°57	19°50	22°35	24° 3	22°24	14°41	4°57	25°30	20°36	5°44	6°28	4°55	13°11	T 26
F 27	0 24 21	4°10'27	0♌47	21°33	23°50	24°41	22°35	14°42	4°59	25°29	20°35	5°40	6°25	5° 2	13° 8	F 27
S 28	0 28 18	5° 9'25	12°39	23°19	25° 4	25°18	22°47	14°43	5° 2	25°27	20°35	5°34	6°22	5° 8	13° 6	S 28
S 29	0 32 15	6° 8'26	24°37	25° 5	26°18	25°55	22°58	14°44	5° 4	25°26	20°34	5°26	6°18	5°15	13° 3	S 29
M30	0 36 11	7♎ 7'28	6♍44	26♍52	27♎32	26♌32	23♌ 9	14♏45	5♌ 6	25♈24	20♉33	5♊16	6♊15	5♌22	13♈ 0	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n16	20n25	4n38	5n40	3s42	4n32	1n20	19n15	1n 6	16n15	0n38	22s29	0n 8	19n52	0n33	8n26	1s45	3n34	14s54	21n41	21n37	23n47	7n32	2n 5
M 2	7 54	16 43	4 55	6 13	3 27	4 2	1 19	19 5	1 6	16 11	0 38	22 29	0 8	19 51	0 33	8 25	1 45	3 34	14 54	21 39	21 37	23 45	7 31	2 5
T 3	7 32	12 19	4 59	6 46	3 11	3 32	1 18	18 55	1 6	16 7	0 38	22 30	0 8	19 50	0 33	8 25	1 45	3 33	14 55	21 37	21 36	23 44	7 30	2 5
W 4	7 10	7 22	4 49	7 18	2 54	3 1	1 17	18 45	1 7	16 4	0 38	22 30	0 8	19 49	0 33	8 24	1 45	3 33	14 55	21 34	21 36	23 43	7 29	2 5
T 5	6 48	2 3	4 26	7 49	2 35	2 31	1 16	18 35	1 7	16 0	0 38	22 30	0 8	19 49	0 33	8 24	1 46	3 33	14 55	21 32	21 35	23 42	7 28	2 5
F 6	6 26	3s25	3 49	8 18	2 17	2 0	1 15	18 25	1 8	15 56	0 38	22 30	0 8	19 48	0 33	8 24	1 46	3 32	14 55	21 31	21 35	23 41	7 27	2 5
S 7	6 3	8 49	3 0	8 45	1 57	1 30	1 14	18 15	1 8	15 52	0 38	22 31	0 8	19 47	0 33	8 23	1 46	3 32	14 56	21 30	21 34	23 40	7 26	2 5
S 8	5 41	13 57	2 1	9 9	1 38	0 59	1 13	18 5	1 9	15 48	0 39	22 31	0 8	19 47	0 34	8 23	1 46	3 32	14 56	21 29	21 34	23 39	7 26	2 5
M 9	5 18	18 32	0 54	9 29	1 19	0 28	1 11	17 54	1 9	15 45	0 39	22 31	0 8	19 46	0 34	8 22	1 46	3 31	14 56	21 29	21 33	23 38	7 25	2 5
T 10	4 55	22 16	0s17	9 46	1 0	0s 3	1 10	17 44	1 9	15 41	0 39	22 31	0 8	19 45	0 34	8 22	1 46	3 31	14 56	21 29	21 33	23 37	7 24	2 5
W11	4 32	24 47	1 29	9 59	0 41	0 34	1 8	17 33	1 10	15 37	0 39	22 31	0 7	19 45	0 34	8 21	1 46	3 31	14 57	21 29	21 32	23 36	7 23	2 5
T 12	4 9	25 49	2 36	10 9	0 23	1 4	1 7	17 22	1 10	15 33	0 39	22 32	0 7	19 44	0 34	8 21	1 46	3 30	14 57	21 28	21 32	23 35	7 22	2 5
F 13	3 46	25 9	3 36	10 14	0 6	1 35	1 5	17 12	1 11	15 30	0 39	22 32	0 7	19 43	0 34	8 20	1 46	3 30	14 57	21 28	21 31	23 34	7 21	2 5
S 14	3 23	22 46	4 22	10 15	0n10	2 6	1 4	17 1	1 11	15 26	0 39	22 32	0 7	19 43	0 34	8 20	1 46	3 30	14 57	21 27	21 31	23 32	7 20	2 5
S 15	3 0	18 51	4 52	10 12	0 24	2 37	1 2	16 50	1 11	15 22	0 39	22 32	0 7	19 42	0 34	8 19	1 46	3 29	14 58	21 26	21 30	23 31	7 19	2 5
M16	2 37	13 44	5 1	10 5	0 38	3 8	1 0	16 38	1 12	15 19	0 40	22 32	0 7	19 41	0 34	8 19	1 46	3 29	14 58	21 24	21 30	23 30	7 18	2 5
T 17	2 14	7 50	4 51	9 54	0 51	3 38	0 58	16 27	1 12	15 15	0 40	22 32	0 7	19 41	0 34	8 18	1 46	3 29	14 58	21 22	21 29	23 29	7 17	2 4
W18	1 51	1 36	4 22	9 38	1 2	4 9	0 57	16 16	1 13	15 11	0 40	22 32	0 7	19 40	0 34	8 18	1 46	3 28	14 58	21 20	21 29	23 28	7 16	2 4
T 19	1 27	4n34	3 37	9 20	1 12	4 40	0 55	16 5	1 13	15 8	0 40	22 32	0 7	19 40	0 34	8 17	1 46	3 28	14 59	21 19	21 28	23 27	7 14	2 4
F 20	1 4	10 22	2 40	8 57	1 21	5 10	0 53	15 53	1 14	15 4	0 40	22 33	0 7	19 39	0 34	8 16	1 46	3 27	14 59	21 18	21 28	23 25	7 13	2 4
S 21	0 41	15 30	1 36	8 32	1 29	5 40	0 51	15 41	1 14	15 0	0 40	22 33	0 7	19 38	0 34	8 16	1 46	3 27	14 59	21 17	21 27	23 24	7 12	2 4
S 22	0 17	19 45	0 29	8 3	1 36	6 11	0 49	15 30	1 14	14 57	0 40	22 33	0 6	19 38	0 34	8 15	1 46	3 27	14 59	21 17	21 26	23 23	7 11	2 4
M23	0s 6	22 59	0n38	7 32	1 41	6 41	0 47	15 18	1 15	14 53	0 41	22 33	0 6	19 37	0 34	8 15	1 46	3 26	14 59	21 17	21 26	23 22	7 10	2 4
T 24	0 29	25 3	1 41	6 58	1 45	7 11	0 44	15 6	1 15	14 49	0 41	22 33	0 6	19 37	0 34	8 14	1 46	3 26	15 0	21 17	21 25	23 21	7 9	2 4
W25	0 53	25 55	2 39	6 22	1 49	7 41	0 42	14 54	1 16	14 46	0 41	22 33	0 6	19 36	0 34	8 14	1 46	3 26	15 0	21 17	21 25	23 20	7 8	2 4
T 26	1 16	25 34	3 29	5 44	1 51	8 10	0 40	14 42	1 16	14 42	0 41	22 33	0 6	19 36	0 34	8 13	1 46	3 25	15 0	21 17	21 24	23 18	7 7	2 4
F 27	1 40	24 4	4 10	5 5	1 53	8 40	0 38	14 30	1 16	14 39	0 41	22 33	0 6	19 35	0 34	8 13	1 46	3 25	15 0	21 16	21 24	23 17	7 6	2 4
S 28	2 3	21 30	4 41	4 23	1 53	9 9	0 36	14 18	1 17	14 35	0 41	22 33	0 6	19 35	0 34	8 12	1 46	3 25	15 0	21 15	21 23	23 16	7 5	2 4
S 29	2 26	18 1	4 59	3 41	1 53	9 39	0 33	14 6	1 17	14 31	0 41	22 33	0 6	19 34	0 34	8 11	1 46	3 24	15 1	21 14	21 23	23 15	7 3	2 4
M30	2s50	13n45	5n 4	2n58	1n52	10s 7	0n31	13n54	1n18	14n28	0n42	22s33	0n 6	19n34	0n34	8n11	1s46	3n24	15s 1	21n12	21n22	23n13	7n 2	2n 4

Julian Day Number = 2405037.5, Delta T = 0.07 sec
Ecliptic obliquity = 23°27'25, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°57'44, Lahiri = 22°04'44

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ASTRODIENST EPHEMERIS for the year 1872
geocentric

OCTOBER 1872 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 40 8	8♎ 6'32	19♍ 2	28♍39	28♎46	27♌ 9	23♌20	14♑46	5♌ 8	25°R22	20°R32	5°R 5	6♊12	5♌28	12°R57	T 1
W 2	0 44 4	9° 5'39	1♎32	0♎27	0♏ 1	27°46	23°31	14°48	5°10	25♈21	20♉31	4♊55	6° 9	5°35	12♈54	W 2
T 3	0 48 1	10° 4'47	14°15	2°14	1°15	28°23	23°42	14°49	5°12	25°19	20°31	4°45	6° 6	5°42	12°52	T 3
F 4	0 51 57	11° 3'58	27°10	4° 2	2°29	29° 0	23°53	14°50	5°14	25°18	20°30	4°38	6° 3	5°49	12°49	F 4
S 5	0 55 54	12° 3'11	10♏17	5°49	3°43	29°36	24° 4	14°52	5°16	25°16	20°29	4°33	5°59	5°55	12°46	S 5
S 6	0 59 50	13° 2'26	23°35	7°35	4°57	0♍13	24°14	14°54	5°18	25°14	20°28	4°30	5°56	6° 2	12°43	S 6
M 7	1 3 47	14° 1'42	7♐ 4	9°22	6°11	0°50	24°25	14°55	5°20	25°13	20°27	4°D30	5°53	6° 9	12°40	M 7
T 8	1 7 43	15° 1'01	20°44	11° 7	7°26	1°27	24°36	14°57	5°22	25°11	20°26	4°30	5°50	6°15	12°38	T 8
W 9	1 11 40	16° 0'21	4♑35	12°53	8°40	2° 3	24°46	14°59	5°24	25° 9	20°26	4°31	5°47	6°22	12°35	W 9
T 10	1 15 37	16°59'43	18°36	14°37	9°54	2°40	24°56	15° 1	5°25	25° 8	20°25	4°R32	5°44	6°29	12°32	T 10
F 11	1 19 33	17°59'06	2♒48	16°21	11° 8	3°17	25° 7	15° 3	5°27	25° 6	20°24	4°31	5°40	6°35	12°29	F 11
S 12	1 23 30	18°58'32	17° 8	18° 4	12°22	3°53	25°17	15° 6	5°29	25° 4	20°23	4°28	5°37	6°42	12°27	S 12
S 13	1 27 26	19°57'59	1♓33	19°47	13°36	4°30	25°27	15° 8	5°30	25° 3	20°22	4°23	5°34	6°49	12°24	S 13
M14	1 31 23	20°57'28	15°59	21°29	14°50	5° 6	25°37	15°10	5°32	25° 1	20°21	4°17	5°31	6°56	12°21	M14
T 15	1 35 19	21°56'58	0♈20	23°10	16° 5	5°43	25°46	15°13	5°33	24°59	20°20	4°10	5°28	7° 2	12°18	T 15
W16	1 39 16	22°56'31	14°31	24°51	17°19	6°19	25°56	15°16	5°35	24°58	20°19	4° 3	5°24	7° 9	12°16	W16
T 17	1 43 12	23°56'05	28°26	26°31	18°33	6°55	26° 6	15°18	5°36	24°56	20°18	3°58	5°21	7°16	12°13	T 17
F 18	1 47 9	24°55'42	12♉ 1	28°10	19°47	7°32	26°15	15°21	5°37	24°54	20°17	3°54	5°18	7°22	12°10	F 18
S 19	1 51 6	25°55'20	25°15	29°49	21° 1	8° 8	26°25	15°24	5°39	24°53	20°16	3°52	5°15	7°29	12° 7	S 19
S 20	1 55 2	26°55'01	8♊ 8	1♏27	22°15	8°44	26°34	15°27	5°40	24°51	20°15	3°D52	5°12	7°36	12° 5	S 20
M21	1 58 59	27°54'45	20°40	3° 4	23°29	9°20	26°43	15°30	5°41	24°49	20°14	3°53	5° 9	7°43	12° 2	M21
T 22	2 2 55	28°54'30	2♋55	4°41	24°43	9°56	26°53	15°33	5°42	24°48	20°13	3°54	5° 5	7°49	11°59	T 22
W23	2 6 52	29°54'18	14°58	6°17	25°57	10°32	27° 1	15°36	5°43	24°46	20°12	3°56	5° 2	7°56	11°57	W23
T 24	2 10 48	0♏54'07	26°52	7°53	27°11	11° 8	27°10	15°40	5°44	24°44	20°11	3°R57	4°59	8° 3	11°54	T 24
F 25	2 14 45	1°53'59	8♌44	9°28	28°25	11°44	27°19	15°43	5°45	24°43	20°10	3°57	4°56	8° 9	11°52	F 25
S 26	2 18 41	2°53'53	20°37	11° 3	29°39	12°20	27°28	15°47	5°46	24°41	20° 9	3°55	4°53	8°16	11°49	S 26
S 27	2 22 38	3°53'50	2♍37	12°37	0♐53	12°56	27°36	15°50	5°47	24°39	20° 8	3°52	4°50	8°23	11°46	S 27
M28	2 26 35	4°53'48	14°47	14°11	2° 7	13°32	27°45	15°54	5°48	24°38	20° 7	3°48	4°46	8°29	11°44	M28
T 29	2 30 31	5°53'49	27°12	15°45	3°21	14° 8	27°53	15°58	5°48	24°36	20° 5	3°44	4°43	8°36	11°41	T 29
W30	2 34 28	6°53'51	9♎52	17°17	4°35	14°44	28° 1	16° 2	5°49	24°34	20° 4	3°39	4°40	8°43	11°39	W30
T 31	2 38 24	7♏53'56	22♎50	18♏50	5♐49	15♍19	28♌ 9	16♑ 5	5♌50	24♈33	20♉ 3	3♊35	4♊37	8♌50	11♈36	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	3s13	8n52	4n55	2n14	1n51	10s36	0n28	13n41	1n18	14n24	0n42	22s33	0n 6	19n33	0n34	8n10	1s46	3n23	15s 1	21n10	21n22	23n12	7n 1	2n 4
W 2	3 36	3 33	4 32	1 29	1 48	11 5	0 26	13 29	1 18	14 21	0 42	22 33	0 6	19 33	0 34	8 10	1 46	3 23	15 1	21 8	21 21	23 11	7 0	2 4
T 3	4 0	2s 0	3 56	0 44	1 46	11 33	0 24	13 17	1 19	14 17	0 42	22 33	0 5	19 32	0 34	8 9	1 46	3 23	15 1	21 6	21 20	23 10	6 59	2 4
F 4	4 23	7 34	3 6	0s 2	1 43	12 1	0 21	13 4	1 19	14 14	0 42	22 32	0 5	19 32	0 34	8 8	1 46	3 22	15 2	21 5	21 20	23 8	6 58	2 4
S 5	4 46	12 55	2 6	0 48	1 39	12 29	0 19	12 51	1 19	14 11	0 42	22 32	0 5	19 31	0 34	8 8	1 46	3 22	15 2	21 4	21 19	23 7	6 57	2 4
S 6	5 9	17 45	0 58	1 34	1 35	12 56	0 16	12 39	1 20	14 7	0 43	22 32	0 5	19 31	0 34	8 7	1 46	3 22	15 2	21 3	21 19	23 6	6 55	2 3
M 7	5 32	21 44	0s14	2 20	1 30	13 23	0 13	12 26	1 20	14 4	0 43	22 32	0 5	19 30	0 34	8 7	1 46	3 21	15 2	21 3	21 18	23 5	6 54	2 3
T 8	5 55	24 34	1 26	3 6	1 25	13 50	0 11	12 13	1 21	14 0	0 43	22 32	0 5	19 30	0 34	8 6	1 47	3 21	15 2	21 3	21 18	23 3	6 53	2 3
W 9	6 18	25 57	2 35	3 51	1 20	14 16	0 8	12 1	1 21	13 57	0 43	22 32	0 5	19 30	0 34	8 5	1 47	3 20	15 2	21 4	21 17	23 2	6 52	2 3
T 10	6 41	25 43	3 35	4 37	1 15	14 42	0 6	11 48	1 21	13 54	0 43	22 32	0 5	19 29	0 35	8 5	1 47	3 20	15 3	21 4	21 17	23 1	6 51	2 3
F 11	7 4	23 49	4 23	5 22	1 9	15 8	0 3	11 35	1 22	13 51	0 43	22 32	0 5	19 29	0 35	8 4	1 47	3 20	15 3	21 4	21 16	22 59	6 50	2 3
S 12	7 26	20 23	4 55	6 7	1 4	15 33	0 0	11 22	1 22	13 47	0 44	22 31	0 5	19 28	0 35	8 3	1 47	3 19	15 3	21 3	21 15	22 58	6 48	2 3
S 13	7 49	15 43	5 8	6 51	0 58	15 58	0s 3	11 9	1 23	13 44	0 44	22 31	0 5	19 28	0 35	8 3	1 47	3 19	15 3	21 2	21 15	22 57	6 47	2 3
M14	8 11	10 10	5 2	7 35	0 51	16 23	0 5	10 56	1 23	13 41	0 44	22 31	0 4	19 28	0 35	8 2	1 47	3 19	15 3	21 1	21 14	22 56	6 46	2 3
T 15	8 33	4 6	4 37	8 19	0 45	16 47	0 8	10 43	1 23	13 38	0 44	22 31	0 4	19 27	0 35	8 2	1 47	3 18	15 3	21 0	21 14	22 54	6 45	2 3
W16	8 56	2n 6	3 55	9 2	0 39	17 11	0 11	10 30	1 24	13 35	0 44	22 31	0 4	19 27	0 35	8 1	1 47	3 18	15 3	20 58	21 13	22 53	6 44	2 3
T 17	9 18	8 7	3 0	9 44	0 32	17 34	0 13	10 17	1 24	13 31	0 44	22 30	0 4	19 27	0 35	8 0	1 47	3 18	15 3	20 57	21 13	22 52	6 43	2 2
F 18	9 40	13 37	1 56	10 26	0 25	17 57	0 16	10 3	1 24	13 28	0 45	22 30	0 4	19 27	0 35	8 0	1 47	3 17	15 4	20 57	21 12	22 50	6 41	2 2
S 19	10 1	18 20	0 47	11 7	0 19	18 20	0 19	9 50	1 25	13 25	0 45	22 30	0 4	19 26	0 35	7 59	1 47	3 17	15 4	20 56	21 12	22 49	6 40	2 2
S 20	10 23	22 4	0n23	11 48	0 12	18 42	0 22	9 37	1 25	13 22	0 45	22 30	0 4	19 26	0 35	7 59	1 47	3 16	15 4	20 56	21 11	22 47	6 39	2 2
M21	10 44	24 38	1 30	12 28	0 5	19 3	0 24	9 24	1 26	13 19	0 45	22 29	0 4	19 26	0 35	7 58	1 47	3 16	15 4	20 56	21 10	22 46	6 38	2 2
T 22	11 6	25 57	2 32	13 7	0s 1	19 24	0 27	9 10	1 26	13 16	0 45	22 29	0 4	19 25	0 35	7 57	1 47	3 16	15 4	20 57	21 10	22 45	6 37	2 2
W23	11 27	26 1	3 26	13 45	0 8	19 45	0 30	8 57	1 26	13 14	0 46	22 29	0 4	19 25	0 35	7 57	1 47	3 15	15 4	20 57	21 9	22 43	6 36	2 2
T 24	11 48	24 53	4 10	14 23	0 15	20 4	0 33	8 44	1 27	13 11	0 46	22 29	0 4	19 25	0 35	7 56	1 47	3 15	15 4	20 57	21 9	22 42	6 35	2 2
F 25	12 9	22 38	4 43	15 0	0 22	20 24	0 35	8 30	1 27	13 8	0 46	22 28	0 4	19 25	0 35	7 56	1 47	3 15	15 4	20 57	21 8	22 41	6 33	2 2
S 26	12 29	19 26	5 4	15 36	0 29	20 43	0 38	8 17	1 27	13 5	0 46	22 28	0 3	19 25	0 35	7 55	1 47	3 14	15 4	20 57	21 8	22 39	6 32	2 1
S 27	12 50	15 24	5 13	16 12	0 35	21 1	0 41	8 4	1 28	13 2	0 46	22 28	0 3	19 24	0 35	7 54	1 47	3 14	15 4	20 56	21 7	22 38	6 31	2 1
M28	13 10	10 43	5 7	16 46	0 42	21 19	0 44	7 50	1 28	13 0	0 47	22 27	0 3	19 24	0 35	7 54	1 47	3 14	15 4	20 56	21 6	22 36	6 30	2 1
T 29	13 30	5 30	4 47	17 20	0 48	21 36	0 46	7 37	1 29	12 57	0 47	22 27	0 3	19 24	0 35	7 53	1 47	3 13	15 4	20 55	21 6	22 35	6 29	2 1
W30	13 50	0s 2	4 13	17 53	0 55	21 52	0 49	7 23	1 29	12 54	0 47	22 27	0 3	19 24	0 35	7 53	1 47	3 13	15 5	20 54	21 5	22 33	6 28	2 1
T 31	14s 9	5s43	3n25	18s25	1s 1	22s 8	0s52	7n10	1n29	12n52	0n47	22s26	0n 3	19n24	0n35	7n52	1s47	3n13	15s 5	20n53	21n 5	22n32	6n27	2n 1	

Julian Day Number = 2405067.5, Delta T = 0.02 sec
Ecliptic obliquity = 23°27'25, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°57'48, Lahiri = 22°04'48

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ASTRODIENST EPHEMERIS for the year 1872
geocentric

NOVEMBER 1872 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 42 21	8♏54'02	6♏ 4	20♏22	7♐ 3	15♍55	28♌17	16♑ 9	5♌50	24°R31	20°R 2	3°R32	4♊34	8♌56	11°R34	F 1
S 2	2 46 17	9°54'11	19°35	21°53	8°17	16°30	28°25	16°14	5°51	24♈29	20♉ 1	3♊30	4°30	9° 3	11♈32	S 2
S 3	2 50 14	10°54'21	3♐19	23°24	9°31	17° 6	28°32	16°18	5°51	24°28	20° 0	3°D29	4°27	9°10	11°29	S 3
M 4	2 54 10	11°54'33	17°14	24°55	10°45	17°41	28°40	16°22	5°52	24°26	19°59	3°29	4°24	9°16	11°27	M 4
T 5	2 58 7	12°54'47	1♑17	26°25	11°59	18°17	28°47	16°26	5°52	24°25	19°58	3°31	4°21	9°23	11°25	T 5
W 6	3 2 4	13°55'02	15°25	27°55	13°13	18°52	28°54	16°31	5°52	24°23	19°57	3°32	4°18	9°30	11°22	W 6
T 7	3 6 0	14°55'19	29°37	29°25	14°27	19°27	29° 2	16°35	5°53	24°22	19°56	3°33	4°15	9°37	11°20	T 7
F 8	3 9 57	15°55'37	13♒49	0♐54	15°41	20° 3	29° 8	16°40	5°53	24°20	19°54	3°R34	4°11	9°43	11°18	F 8
S 9	3 13 53	16°55'57	27°59	2°22	16°54	20°38	29°15	16°44	5°53	24°19	19°53	3°33	4° 8	9°50	11°16	S 9
S 10	3 17 50	17°56'18	12♓ 6	3°50	18° 8	21°13	29°22	16°49	5°53	24°17	19°52	3°32	4° 5	9°57	11°14	S 10
M11	3 21 46	18°56'40	26° 6	5°18	19°22	21°48	29°28	16°54	5°R53	24°16	19°51	3°31	4° 2	10° 3	11°12	M11
T 12	3 25 43	19°57'03	9♈59	6°45	20°36	22°23	29°35	16°59	5°53	24°14	19°50	3°29	3°59	10°10	11°10	T 12
W13	3 29 39	20°57'28	23°40	8°11	21°50	22°58	29°41	17° 4	5°53	24°13	19°49	3°27	3°55	10°17	11° 8	W13
T 14	3 33 36	21°57'55	7♉ 9	9°37	23° 3	23°33	29°47	17° 9	5°53	24°11	19°48	3°26	3°52	10°24	11° 6	T 14
F 15	3 37 33	22°58'23	20°23	11° 2	24°17	24° 7	29°53	17°14	5°52	24°10	19°47	3°25	3°49	10°30	11° 4	F 15
S 16	3 41 29	23°58'53	3♊21	12°27	25°31	24°42	29°58	17°19	5°52	24° 8	19°45	3°D25	3°46	10°37	11° 2	S 16
S 17	3 45 26	24°59'24	16° 3	13°50	26°45	25°17	0♍ 4	17°24	5°52	24° 7	19°44	3°25	3°43	10°44	11° 0	S 17
M18	3 49 22	25°59'57	28°30	15°13	27°58	25°51	0° 9	17°29	5°52	24° 5	19°43	3°25	3°40	10°50	10°58	M18
T 19	3 53 19	27° 0'32	10♋44	16°34	29°12	26°26	0°15	17°34	5°51	24° 4	19°42	3°26	3°36	10°57	10°57	T 19
W20	3 57 15	28° 1'08	22°46	17°55	0♑26	27° 0	0°20	17°40	5°51	24° 3	19°41	3°27	3°33	11° 4	10°55	W20
T 21	4 1 12	29° 1'46	4♌41	19°14	1°39	27°35	0°25	17°45	5°50	24° 1	19°40	3°27	3°30	11°11	10°53	T 21
F 22	4 5 8	0♐ 2'25	16°33	20°32	2°53	28° 9	0°29	17°51	5°50	24° 0	19°39	3°28	3°27	11°17	10°52	F 22
S 23	4 9 5	1° 3'07	28°26	21°48	4° 6	28°43	0°34	17°56	5°49	23°59	19°38	3°R28	3°24	11°24	10°50	S 23
S 24	4 13 2	2° 3'49	10♍25	23° 2	5°20	29°18	0°38	18° 2	5°48	23°58	19°37	3°28	3°21	11°31	10°49	S 24
M25	4 16 58	3° 4'34	22°34	24°13	6°34	29°52	0°43	18° 7	5°47	23°56	19°35	3°D28	3°17	11°37	10°47	M25
T 26	4 20 55	4° 5'19	4♎58	25°23	7°47	0♎26	0°47	18°13	5°47	23°55	19°34	3°28	3°14	11°44	10°46	T 26
W27	4 24 51	5° 6'07	17°41	26°29	9° 1	1° 0	0°50	18°19	5°46	23°54	19°33	3°28	3°11	11°51	10°44	W27
T 28	4 28 48	6° 6'56	0♏45	27°32	10°14	1°34	0°54	18°25	5°45	23°53	19°32	3°28	3° 8	11°58	10°43	T 28
F 29	4 32 44	7° 7'46	14°12	28°31	11°27	2° 8	0°58	18°31	5°44	23°52	19°31	3°28	3° 5	12° 4	10°42	F 29
S 30	4 36 41	8♐ 8'38	28♏ 1	29♐26	12♑41	2♎41	1♍ 1	18♑37	5♌43	23♈51	19♉30	3°R29	3♊ 1	12♌11	10♈40	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s29	11s16	2n25	18s56	1s 7	22s24	0s54	6n56	1n30	12n49	0n47	22s26	0n 3	19n24	0n35	7n51	1s47	3n13	15s 5	20n52	21n 4	22n31	6n26	2n 1
S 2	14 48	16 25	1 16	19 26	1 14	22 38	0 57	6 43	1 30	12 47	0 48	22 25	0 3	19 24	0 35	7 51	1 46	3 12	15 5	20 52	21 3	22 29	6 25	2 1
S 3	15 7	20 49	0 1	19 55	1 20	22 52	0 59	6 29	1 30	12 44	0 48	22 25	0 3	19 24	0 35	7 50	1 46	3 12	15 5	20 52	21 3	22 28	6 24	2 0
M 4	15 25	24 5	1s15	20 24	1 26	23 6	1 2	6 16	1 31	12 42	0 48	22 24	0 3	19 24	0 35	7 50	1 46	3 12	15 5	20 52	21 2	22 26	6 23	2 0
T 5	15 44	25 54	2 27	20 51	1 31	23 19	1 5	6 2	1 31	12 39	0 48	22 24	0 3	19 24	0 36	7 49	1 46	3 11	15 5	20 52	21 2	22 25	6 22	2 0
W 6	16 2	26 3	3 31	21 17	1 37	23 31	1 7	5 49	1 31	12 37	0 48	22 24	0 3	19 24	0 36	7 49	1 46	3 11	15 5	20 53	21 1	22 23	6 21	2 0
T 7	16 20	24 31	4 22	21 42	1 42	23 42	1 9	5 35	1 32	12 35	0 49	22 23	0 3	19 23	0 36	7 48	1 46	3 11	15 5	20 53	21 1	22 22	6 20	2 0
F 8	16 37	21 26	4 57	22 6	1 48	23 53	1 12	5 22	1 32	12 33	0 49	22 23	0 2	19 23	0 36	7 47	1 46	3 10	15 5	20 53	21 0	22 20	6 19	2 0
S 9	16 54	17 5	5 14	22 29	1 53	24 3	1 14	5 8	1 33	12 31	0 49	22 22	0 2	19 23	0 36	7 47	1 46	3 10	15 5	20 53	20 59	22 19	6 18	2 0
S 10	17 11	11 50	5 12	22 51	1 57	24 12	1 17	4 54	1 33	12 28	0 49	22 22	0 2	19 24	0 36	7 46	1 46	3 10	15 5	20 53	20 59	22 17	6 17	1 59
M11	17 28	6 0	4 52	23 12	2 2	24 21	1 19	4 41	1 33	12 26	0 50	22 21	0 2	19 24	0 36	7 46	1 46	3 10	15 5	20 52	20 58	22 16	6 16	1 59
T 12	17 44	0n 4	4 14	23 31	2 6	24 28	1 21	4 27	1 34	12 24	0 50	22 21	0 2	19 24	0 36	7 45	1 46	3 9	15 5	20 52	20 58	22 14	6 15	1 59
W13	18 1	6 4	3 23	23 50	2 10	24 36	1 24	4 14	1 34	12 22	0 50	22 20	0 2	19 24	0 36	7 45	1 46	3 9	15 5	20 52	20 57	22 13	6 14	1 59
T 14	18 16	11 42	2 20	24 7	2 14	24 42	1 26	4 1	1 34	12 20	0 50	22 19	0 2	19 24	0 36	7 44	1 46	3 9	15 5	20 51	20 56	22 11	6 13	1 59
F 15	18 32	16 43	1 12	24 23	2 17	24 48	1 28	3 47	1 35	12 19	0 50	22 19	0 2	19 24	0 36	7 44	1 46	3 9	15 5	20 51	20 56	22 10	6 12	1 59
S 16	18 47	20 50	0 0	24 37	2 20	24 53	1 30	3 34	1 35	12 17	0 51	22 18	0 2	19 24	0 36	7 43	1 46	3 8	15 5	20 51	20 55	22 8	6 11	1 59
S 17	19 2	23 53	1n10	24 51	2 23	24 57	1 32	3 20	1 35	12 15	0 51	22 18	0 2	19 24	0 36	7 43	1 46	3 8	15 4	20 51	20 55	22 7	6 10	1 58
M18	19 16	25 42	2 15	25 3	2 26	25 0	1 34	3 7	1 36	12 13	0 51	22 17	0 2	19 24	0 36	7 42	1 46	3 8	15 4	20 51	20 54	22 5	6 9	1 58
T 19	19 30	26 13	3 12	25 13	2 27	25 3	1 36	2 53	1 36	12 12	0 51	22 17	0 2	19 24	0 36	7 42	1 46	3 8	15 4	20 51	20 53	22 4	6 9	1 58
W20	19 44	25 29	4 1	25 23	2 29	25 5	1 38	2 40	1 36	12 10	0 52	22 16	0 1	19 24	0 36	7 41	1 46	3 8	15 4	20 52	20 53	22 2	6 8	1 58
T 21	19 57	23 36	4 38	25 31	2 30	25 6	1 40	2 27	1 37	12 9	0 52	22 15	0 1	19 25	0 36	7 41	1 46	3 7	15 4	20 52	20 52	22 0	6 7	1 58
F 22	20 10	20 42	5 4	25 37	2 30	25 7	1 41	2 13	1 37	12 7	0 52	22 15	0 1	19 25	0 36	7 41	1 46	3 7	15 4	20 52	20 52	21 59	6 6	1 58
S 23	20 23	16 58	5 16	25 42	2 30	25 7	1 43	2 0	1 38	12 6	0 52	22 14	0 1	19 25	0 36	7 40	1 46	3 7	15 4	20 52	20 51	21 57	6 5	1 57
S 24	20 35	12 31	5 15	25 46	2 29	25 6	1 45	1 47	1 38	12 5	0 53	22 13	0 1	19 25	0 36	7 40	1 46	3 7	15 4	20 52	20 50	21 56	6 5	1 57
M25	20 47	7 32	5 0	25 48	2 28	25 4	1 46	1 33	1 38	12 3	0 53	22 13	0 1	19 25	0 36	7 39	1 46	3 7	15 4	20 52	20 50	21 54	6 4	1 57
T 26	20 59	2 10	4 31	25 49	2 26	25 1	1 48	1 20	1 39	12 2	0 53	22 12	0 1	19 26	0 36	7 39	1 46	3 6	15 4	20 52	20 49	21 53	6 3	1 57
W27	21 10	3s26	3 48	25 48	2 23	24 58	1 49	1 7	1 39	12 1	0 53	22 11	0 1	19 26	0 36	7 38	1 46	3 6	15 4	20 52	20 49	21 51	6 3	1 57
T 28	21 21	9 4	2 52	25 46	2 19	24 54	1 51	0 54	1 39	12 0	0 54	22 11	0 1	19 26	0 36	7 38	1 46	3 6	15 4	20 52	20 48	21 49	6 2	1 57
F 29	21 31	14 26	1 45	25 42	2 15	24 49	1 52	0 41	1 40	11 59	0 54	22 10	0 1	19 26	0 36	7 38	1 46	3 6	15 3	20 52	20 47	21 48	6 1	1 56
S 30	21s41	19s14	0n30	25s37	2s 9	24s44	1s53	0n28	1n40	11n58	0n54	22s 9	0n 1	19n27	0n36	7n37	1s46	3n 6	15s 3	20n52	20n47	21n46	6n 1	1n56

Julian Day Number = 2405098.5, Delta T = -0.03 sec
Ecliptic obliquity = 23°27'25, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°57'52, Lahiri = 22°04'53

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1872
geocentric

DECEMBER 1872 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 40 37	9♐ 9'30	12♐ 9	0♑15	13♑54	3♎15	1♍ 4	18♑43	5°R42	23°R50	19°R29	3°R29	2♊58	12♌18	10°R39	S 1
M 2	4 44 34	10°10'25	26°32	1° 0	15° 8	3°49	1° 7	18°49	5♌41	23♈49	19♉28	3♊28	2°55	12°24	10♈38	M 2
T 3	4 48 31	11°11'20	11♑ 5	1°37	16°21	4°22	1°10	18°55	5°40	23°48	19°27	3°27	2°52	12°31	10°37	T 3
W 4	4 52 27	12°12'16	25°42	2° 8	17°34	4°55	1°13	19° 1	5°38	23°47	19°26	3°26	2°49	12°38	10°36	W 4
T 5	4 56 24	13°13'12	10♒16	2°30	18°48	5°29	1°15	19° 7	5°37	23°46	19°25	3°25	2°46	12°45	10°35	T 5
F 6	5 0 20	14°14'10	24°42	2°44	20° 1	6° 2	1°17	19°13	5°36	23°45	19°24	3°24	2°42	12°51	10°34	F 6
S 7	5 4 17	15°15'08	8♓56	2°R48	21°14	6°35	1°19	19°20	5°35	23°44	19°23	3°D24	2°39	12°58	10°34	S 7
S 8	5 8 13	16°16'06	22°57	2°41	22°27	7° 8	1°21	19°26	5°33	23°43	19°22	3°24	2°36	13° 5	10°33	S 8
M 9	5 12 10	17°17'05	6♈43	2°23	23°40	7°41	1°23	19°32	5°32	23°42	19°21	3°24	2°33	13°11	10°32	M 9
T 10	5 16 7	18°18'05	20°13	1°54	24°53	8°14	1°24	19°39	5°30	23°41	19°20	3°26	2°30	13°18	10°31	T 10
W11	5 20 3	19°19'05	3♉30	1°14	26° 6	8°47	1°25	19°45	5°29	23°40	19°19	3°27	2°27	13°25	10°31	W11
T 12	5 24 0	20°20'06	16°33	0°22	27°19	9°19	1°27	19°52	5°27	23°40	19°18	3°28	2°23	13°32	10°30	T 12
F 13	5 27 56	21°21'08	29°23	29♐20	28°32	9°52	1°27	19°58	5°26	23°39	19°17	3°R29	2°20	13°38	10°30	F 13
S 14	5 31 53	22°22'10	12♊ 1	28° 9	29°45	10°24	1°28	20° 5	5°24	23°38	19°16	3°29	2°17	13°45	10°29	S 14
S 15	5 35 49	23°23'13	24°27	26°52	0♒58	10°57	1°29	20°11	5°22	23°37	19°15	3°27	2°14	13°52	10°29	S 15
M16	5 39 46	24°24'16	6♋44	25°31	2°11	11°29	1°29	20°18	5°20	23°37	19°14	3°25	2°11	13°58	10°28	M16
T 17	5 43 42	25°25'20	18°51	24° 8	3°23	12° 1	1°R29	20°25	5°19	23°36	19°13	3°22	2° 7	14° 5	10°28	T 17
W18	5 47 39	26°26'25	0♌51	22°46	4°36	12°33	1°29	20°31	5°17	23°36	19°13	3°18	2° 4	14°12	10°28	W18
T 19	5 51 36	27°27'30	12°45	21°28	5°49	13° 5	1°29	20°38	5°15	23°35	19°12	3°13	2° 1	14°19	10°28	T 19
F 20	5 55 32	28°28'36	24°36	20°17	7° 1	13°37	1°28	20°45	5°13	23°35	19°11	3°10	1°58	14°25	10°28	F 20
S 21	5 59 29	29°29'43	6♍28	19°14	8°14	14° 8	1°28	20°52	5°11	23°34	19°10	3° 6	1°55	14°32	10°D28	S 21
S 22	6 3 25	0♑30'51	18°25	18°20	9°26	14°40	1°27	20°58	5° 9	23°34	19° 9	3° 4	1°52	14°39	10°28	S 22
M23	6 7 22	1°31'59	0♎30	17°37	10°38	15°12	1°26	21° 5	5° 7	23°33	19° 8	3°D 3	1°48	14°45	10°28	M23
T 24	6 11 18	2°33'07	12°50	17° 5	11°51	15°43	1°24	21°12	5° 5	23°33	19° 8	3° 4	1°45	14°52	10°28	T 24
W25	6 15 15	3°34'16	25°28	16°43	13° 3	16°14	1°23	21°19	5° 3	23°33	19° 7	3° 5	1°42	14°59	10°28	W25
T 26	6 19 11	4°35'26	8♏29	16°31	14°15	16°45	1°21	21°26	5° 1	23°32	19° 6	3° 7	1°39	15° 6	10°28	T 26
F 27	6 23 8	5°36'36	21°55	16°D30	15°27	17°16	1°19	21°33	4°59	23°32	19° 5	3° 8	1°36	15°12	10°28	F 27
S 28	6 27 5	6°37'47	5♐49	16°37	16°39	17°47	1°17	21°40	4°56	23°32	19° 5	3°R 9	1°33	15°19	10°29	S 28
S 29	6 31 1	7°38'58	20° 9	16°53	17°51	18°18	1°15	21°47	4°54	23°32	19° 4	3° 8	1°29	15°26	10°29	S 29
M30	6 34 58	8°40'10	4♑51	17°17	19° 3	18°48	1°13	21°54	4°52	23°31	19° 3	3° 5	1°26	15°32	10°30	M30
T 31	6 38 54	9♑41'21	19♑49	17♐47	20♒15	19♎19	1♍10	22♑ 1	4♌50	23♈31	19♉ 3	3♊ 0	1♊23	15♌39	10♈30	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s50	23s 3	0s48	25s30	2s 3	24s38	1s54	0n14	1n40	11n57	0n54	22s 8	0n 1	19n27	0n37	7n37	1s46	3n 6	15s 3	20n52	20n46	21n44	6n 0	1n56
M 2	21 59	25 29	2 4	25 22	1 55	24 31	1 55	0 1	1 41	11 56	0 55	22 8	0 1	19 27	0 37	7 37	1 46	3 6	15 3	20 52	20 45	21 43	5 59	1 56
T 3	22 8	26 13	3 14	25 13	1 46	24 23	1 56	0s12	1 41	11 55	0 55	22 7	0 1	19 28	0 37	7 36	1 46	3 5	15 3	20 52	20 45	21 41	5 59	1 56
W 4	22 16	25 7	4 11	25 2	1 36	24 14	1 57	0 24	1 41	11 55	0 55	22 6	0 0	19 28	0 37	7 36	1 46	3 5	15 3	20 51	20 44	21 40	5 58	1 56
T 5	22 24	22 21	4 51	24 51	1 25	24 5	1 58	0 37	1 42	11 54	0 55	22 5	0 0	19 28	0 37	7 36	1 45	3 5	15 3	20 51	20 44	21 38	5 58	1 55
F 6	22 32	18 12	5 13	24 37	1 12	23 56	1 59	0 50	1 42	11 54	0 56	22 4	0 0	19 29	0 37	7 35	1 45	3 5	15 2	20 51	20 43	21 36	5 57	1 55
S 7	22 38	13 5	5 15	24 23	0 57	23 45	2 0	1 3	1 42	11 53	0 56	22 4	0 0	19 29	0 37	7 35	1 45	3 5	15 2	20 51	20 42	21 35	5 57	1 55
S 8	22 45	7 22	4 58	24 8	0 42	23 34	2 0	1 16	1 43	11 53	0 56	22 3	0 0	19 29	0 37	7 35	1 45	3 5	15 2	20 51	20 42	21 33	5 56	1 55
M 9	22 51	1 23	4 25	23 51	0 25	23 22	2 1	1 28	1 43	11 52	0 56	22 2	0 0	19 30	0 37	7 35	1 45	3 5	15 2	20 51	20 41	21 31	5 56	1 55
T 10	22 56	4n34	3 37	23 33	0 7	23 9	2 1	1 41	1 43	11 52	0 57	22 1	0 0	19 30	0 37	7 34	1 45	3 5	15 2	20 51	20 41	21 30	5 55	1 55
W11	23 2	10 13	2 38	23 15	0n12	22 56	2 2	1 54	1 44	11 52	0 57	22 0	0s 0	19 31	0 37	7 34	1 45	3 5	15 2	20 52	20 40	21 28	5 55	1 54
T 12	23 6	15 19	1 32	22 55	0 32	22 42	2 2	2 6	1 44	11 52	0 57	21 59	0 0	19 31	0 37	7 34	1 45	3 5	15 1	20 52	20 39	21 26	5 55	1 54
F 13	23 10	19 40	0 23	22 35	0 52	22 28	2 2	2 19	1 44	11 52	0 57	21 58	0 0	19 31	0 37	7 34	1 45	3 5	15 1	20 52	20 39	21 24	5 54	1 54
S 14	23 14	23 1	0n47	22 14	1 12	22 12	2 2	2 31	1 45	11 52	0 58	21 58	0 0	19 32	0 37	7 33	1 45	3 5	15 1	20 52	20 38	21 23	5 54	1 54
S 15	23 17	25 13	1 53	21 53	1 32	21 57	2 2	2 43	1 45	11 52	0 58	21 57	0 0	19 32	0 37	7 33	1 45	3 5	15 1	20 52	20 37	21 21	5 54	1 54
M16	23 20	26 10	2 53	21 33	1 50	21 40	2 2	2 56	1 45	11 52	0 58	21 56	0 0	19 33	0 37	7 33	1 45	3 4	15 1	20 51	20 37	21 19	5 53	1 54
T 17	23 23	25 50	3 44	21 13	2 7	21 23	2 2	3 8	1 46	11 52	0 59	21 55	0 1	19 33	0 37	7 33	1 45	3 4	15 0	20 51	20 36	21 18	5 53	1 53
W18	23 25	24 17	4 25	20 54	2 22	21 5	2 1	3 20	1 46	11 52	0 59	21 54	0 1	19 34	0 37	7 33	1 45	3 4	15 0	20 50	20 35	21 16	5 53	1 53
T 19	23 26	21 41	4 54	20 36	2 35	20 47	2 1	3 32	1 46	11 53	0 59	21 53	0 1	19 34	0 37	7 32	1 45	3 4	15 0	20 49	20 35	21 14	5 53	1 53
F 20	23 27	18 12	5 10	20 21	2 45	20 29	2 1	3 44	1 47	11 53	0 59	21 52	0 1	19 35	0 37	7 32	1 45	3 4	15 0	20 48	20 34	21 12	5 52	1 53
S 21	23 27	13 59	5 13	20 8	2 53	20 9	2 0	3 56	1 47	11 53	1 0	21 51	0 1	19 35	0 37	7 32	1 45	3 4	14 59	20 48	20 34	21 11	5 52	1 53
S 22	23 27	9 13	5 2	19 58	2 59	19 49	1 59	4 8	1 47	11 54	1 0	21 50	0 1	19 36	0 37	7 32	1 45	3 4	14 59	20 47	20 33	21 9	5 52	1 52
M23	23 27	4 3	4 38	19 51	3 2	19 29	1 59	4 20	1 48	11 55	1 0	21 49	0 1	19 36	0 37	7 32	1 45	3 4	14 59	20 47	20 32	21 7	5 52	1 52
T 24	23 26	1s22	4 1	19 47	3 4	19 8	1 58	4 32	1 48	11 55	1 0	21 48	0 1	19 37	0 37	7 32	1 45	3 5	14 59	20 47	20 32	21 5	5 52	1 52
W25	23 25	6 53	3 12	19 45	3 3	18 47	1 57	4 43	1 48	11 56	1 1	21 47	0 1	19 37	0 37	7 32	1 44	3 5	14 59	20 47	20 31	21 4	5 52	1 52
T 26	23 23	12 17	2 11	19 46	3 1	18 25	1 56	4 55	1 49	11 57	1 1	21 46	0 1	19 38	0 37	7 32	1 44	3 5	14 58	20 48	20 30	21 2	5 52	1 52
F 27	23 20	17 17	1 1	19 50	2 58	18 2	1 54	5 6	1 49	11 58	1 1	21 45	0 1	19 38	0 37	7 32	1 44	3 5	14 58	20 48	20 30	21 0	5 52	1 52
S 28	23 17	21 32	0s15	19 55	2 53	17 39	1 53	5 18	1 49	11 59	1 1	21 44	0 1	19 39	0 37	7 32	1 44	3 5	14 58	20 48	20 29	20 58	5 52	1 51
S 29	23 14	24 37	1 31	20 2	2 47	17 16	1 52	5 29	1 50	12 0	1 2	21 43	0 1	19 39	0 37	7 32	1 44	3 5	14 58	20 48	20 28	20 56	5 52	1 51
M30	23 10	26 6	2 44	20 11	2 41	16 52	1 50	5 41	1 50	12 1	1 2	21 42	0 1	19 40	0 37	7 32	1 44	3 5	14 57	20 47	20 28	20 55	5 52	1 51
T 31	23s 6	25s44	3s47	20s21	2n34	16s28	1s49	5s52	1n50	12n 2	1n 2	21s41	0s 2	19n41	0n37	7n32	1s44	3n 5	14s57	20n46	20n27	20n53	5n52	1n51

Julian Day Number = 2405128.5, Delta T = -0.08 sec
Ecliptic obliquity = 23°27'25, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°57'56, Lahiri = 22°04'57

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ASTRODIENST EPHEMERIS for the year 1873
geocentric

JANUARY 1873 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 42 51	10♑42'33	4♒53	18♐24	21♒27	19♎49	1°R 7	22♑ 8	4°R47	23°R31	19°R 2	2°R55	1♊20	15♌46	10♈31	W 1
T 2	6 46 47	11°43'44	19°55	19° 6	22°38	20°19	1♏ 4	22°15	4♌45	23♈31	19♉ 1	2♊48	1°17	15°53	10°31	T 2
F 3	6 50 44	12°44'55	4♓44	19°54	23°50	20°49	1° 1	22°22	4°43	23°D31	19° 1	2°43	1°14	15°59	10°32	F 3
S 4	6 54 41	13°46'05	19°15	20°46	25° 1	21°19	0°58	22°29	4°40	23°31	19° 0	2°39	1°10	16° 6	10°33	S 4
S 5	6 58 37	14°47'15	3♈23	21°41	26°13	21°49	0°54	22°36	4°38	23°31	19° 0	2°36	1° 7	16°13	10°34	S 5
M 6	7 2 34	15°48'25	17° 8	22°40	27°24	22°18	0°51	22°43	4°36	23°31	18°59	2°D36	1° 4	16°19	10°35	M 6
T 7	7 6 30	16°49'34	0♉31	23°43	28°35	22°47	0°47	22°50	4°33	23°31	18°58	2°36	1° 1	16°26	10°35	T 7
W 8	7 10 27	17°50'43	13°33	24°48	29°46	23°17	0°43	22°57	4°31	23°31	18°58	2°38	0°58	16°33	10°36	W 8
T 9	7 14 23	18°51'51	26°18	25°56	0♓57	23°46	0°38	23° 4	4°28	23°32	18°57	2°R39	0°54	16°40	10°37	T 9
F 10	7 18 20	19°52'59	8♊50	27° 6	2° 8	24°14	0°34	23°11	4°26	23°32	18°57	2°39	0°51	16°46	10°39	F 10
S 11	7 22 16	20°54'06	21°10	28°18	3°18	24°43	0°29	23°19	4°23	23°32	18°56	2°37	0°48	16°53	10°40	S 11
S 12	7 26 13	21°55'13	3♋21	29°32	4°29	25°12	0°25	23°26	4°21	23°32	18°56	2°33	0°45	17° 0	10°41	S 12
M13	7 30 10	22°56'19	15°26	0♑47	5°39	25°40	0°20	23°33	4°18	23°33	18°56	2°26	0°42	17° 7	10°42	M13
T 14	7 34 6	23°57'25	27°26	2° 4	6°50	26° 8	0°15	23°40	4°15	23°33	18°55	2°17	0°39	17°13	10°43	T 14
W15	7 38 3	24°58'30	9♌21	3°23	8° 0	26°36	0° 9	23°47	4°13	23°33	18°55	2° 7	0°35	17°20	10°45	W15
T 16	7 41 59	25°59'35	21°14	4°42	9°10	27° 4	0° 4	23°54	4°10	23°34	18°54	1°55	0°32	17°27	10°46	T 16
F 17	7 45 56	27° 0'39	3♏ 6	6° 3	10°20	27°31	29♌58	24° 1	4° 8	23°34	18°54	1°45	0°29	17°33	10°48	F 17
S 18	7 49 52	28° 1'43	14°59	7°25	11°29	27°59	29°53	24° 8	4° 5	23°35	18°54	1°35	0°26	17°40	10°49	S 18
S 19	7 53 49	29° 2'46	26°55	8°48	12°39	28°26	29°47	24°16	4° 3	23°35	18°53	1°28	0°23	17°47	10°51	S 19
M20	7 57 45	0♒ 3'49	9♎ 0	10°12	13°48	28°53	29°41	24°23	4° 0	23°36	18°53	1°23	0°19	17°54	10°52	M20
T 21	8 1 42	1° 4'51	21°16	11°37	14°58	29°20	29°35	24°30	3°57	23°36	18°53	1°20	0°16	18° 0	10°54	T 21
W22	8 5 39	2° 5'53	3♏47	13° 3	16° 7	29°46	29°29	24°37	3°55	23°37	18°53	1°D20	0°13	18° 7	10°56	W22
T 23	8 9 35	3° 6'54	16°40	14°29	17°16	0♏12	29°22	24°44	3°52	23°38	18°53	1°20	0°10	18°14	10°57	T 23
F 24	8 13 32	4° 7'55	29°58	15°57	18°24	0°39	29°16	24°51	3°49	23°38	18°52	1°R21	0° 7	18°20	10°59	F 24
S 25	8 17 28	5° 8'56	13♐45	17°25	19°33	1° 4	29° 9	24°58	3°47	23°39	18°52	1°20	0° 4	18°27	11° 1	S 25
S 26	8 21 25	6° 9'56	28° 0	18°54	20°42	1°30	29° 2	25° 5	3°44	23°40	18°52	1°18	0° 0	18°34	11° 3	S 26
M27	8 25 21	7°10'55	12♑44	20°23	21°50	1°55	28°56	25°12	3°42	23°41	18°52	1°12	29♉57	18°41	11° 5	M27
T 28	8 29 18	8°11'53	27°49	21°54	22°58	2°20	28°49	25°19	3°39	23°41	18°52	1° 4	29°54	18°47	11° 7	T 28
W29	8 33 14	9°12'51	13♒ 7	23°25	24° 6	2°45	28°42	25°26	3°36	23°42	18°52	0°54	29°51	18°54	11° 9	W29
T 30	8 37 11	10°13'47	28°27	24°57	25°14	3°10	28°34	25°33	3°34	23°43	18°52	0°43	29°48	19° 1	11°11	T 30
F 31	8 41 8	11♒14'42	13♓37	26♑29	26♓21	3♏34	28♌27	25♑40	3♌31	23♈44	18♉52	0♊33	29♉45	19♌ 8	11♈13	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 1	23s29	4s34	20s32	2n26	16s 3	1s47	6s 3	1n51	12n 3	1n 2	21s40	0s 2	19n41	0n37	7n32	1s44	3n 5	14s57	20n45	20n27	20n51	5n52	1n51
T 2	22 56	19 38	5 2	20 43	2 18	15 38	1 45	6 14	1 51	12 5	1 3	21 39	0 2	19 42	0 37	7 32	1 44	3 5	14 56	20 44	20 26	20 49	5 52	1 51
F 3	22 51	14 35	5 10	20 55	2 9	15 13	1 43	6 25	1 51	12 6	1 3	21 38	0 2	19 42	0 37	7 32	1 44	3 5	14 56	20 43	20 25	20 47	5 52	1 50
S 4	22 45	8 49	4 57	21 8	2 1	14 47	1 41	6 36	1 52	12 7	1 3	21 37	0 2	19 43	0 37	7 32	1 44	3 5	14 56	20 42	20 25	20 46	5 52	1 50
S 5	22 38	2 44	4 26	21 20	1 52	14 21	1 39	6 46	1 52	12 9	1 3	21 36	0 2	19 44	0 38	7 32	1 44	3 6	14 56	20 42	20 24	20 44	5 52	1 50
M 6	22 31	3n20	3 41	21 33	1 43	13 54	1 37	6 57	1 52	12 11	1 4	21 34	0 2	19 44	0 38	7 32	1 44	3 6	14 55	20 42	20 23	20 42	5 52	1 50
T 7	22 24	9 5	2 45	21 45	1 34	13 28	1 35	7 8	1 53	12 12	1 4	21 33	0 2	19 45	0 38	7 32	1 44	3 6	14 55	20 42	20 23	20 40	5 53	1 50
W 8	22 16	14 18	1 41	21 57	1 25	13 0	1 33	7 18	1 53	12 14	1 4	21 32	0 2	19 45	0 38	7 32	1 44	3 6	14 55	20 42	20 22	20 38	5 53	1 49
T 9	22 8	18 47	0 34	22 8	1 16	12 33	1 30	7 29	1 53	12 16	1 4	21 31	0 2	19 46	0 38	7 32	1 44	3 6	14 54	20 42	20 21	20 36	5 53	1 49
F 10	21 59	22 20	0n33	22 19	1 7	12 5	1 27	7 39	1 53	12 17	1 5	21 30	0 2	19 47	0 38	7 32	1 44	3 6	14 54	20 42	20 21	20 34	5 53	1 49
S 11	21 50	24 48	1 38	22 29	0 58	11 37	1 25	7 49	1 54	12 19	1 5	21 29	0 2	19 47	0 38	7 33	1 44	3 6	14 54	20 42	20 20	20 33	5 54	1 49
S 12	21 40	26 2	2 38	22 39	0 49	11 9	1 22	7 59	1 54	12 21	1 5	21 28	0 2	19 48	0 38	7 33	1 43	3 7	14 54	20 41	20 19	20 31	5 54	1 49
M13	21 30	26 1	3 29	22 47	0 40	10 40	1 19	8 9	1 54	12 23	1 5	21 27	0 2	19 48	0 38	7 33	1 43	3 7	14 53	20 40	20 19	20 29	5 54	1 49
T 14	21 20	24 47	4 11	22 55	0 31	10 11	1 16	8 19	1 55	12 25	1 6	21 25	0 3	19 49	0 38	7 33	1 43	3 7	14 53	20 38	20 18	20 27	5 55	1 48
W15	21 9	22 27	4 41	23 2	0 23	9 42	1 13	8 29	1 55	12 27	1 6	21 24	0 3	19 50	0 38	7 33	1 43	3 7	14 53	20 36	20 17	20 25	5 55	1 48
T 16	20 58	19 9	4 59	23 8	0 14	9 13	1 10	8 39	1 55	12 29	1 6	21 23	0 3	19 50	0 38	7 33	1 43	3 7	14 52	20 34	20 17	20 23	5 55	1 48
F 17	20 46	15 6	5 4	23 13	0 6	8 44	1 6	8 48	1 56	12 31	1 6	21 22	0 3	19 51	0 38	7 34	1 43	3 8	14 52	20 32	20 16	20 21	5 56	1 48
S 18	20 34	10 28	4 56	23 17	0s 2	8 14	1 3	8 58	1 56	12 34	1 6	21 21	0 3	19 52	0 38	7 34	1 43	3 8	14 52	20 30	20 15	20 19	5 56	1 48
S 19	20 22	5 26	4 35	23 20	0 10	7 44	1 0	9 7	1 56	12 36	1 7	21 20	0 3	19 52	0 38	7 34	1 43	3 8	14 51	20 28	20 15	20 17	5 57	1 48
M20	20 9	0 8	4 2	23 21	0 18	7 14	0 56	9 16	1 56	12 38	1 7	21 18	0 3	19 53	0 38	7 34	1 43	3 8	14 51	20 27	20 14	20 15	5 57	1 47
T 21	19 56	5s15	3 17	23 22	0 25	6 44	0 52	9 25	1 57	12 41	1 7	21 17	0 3	19 53	0 38	7 35	1 43	3 9	14 51	20 27	20 13	20 14	5 58	1 47
W22	19 42	10 34	2 22	23 21	0 32	6 14	0 49	9 34	1 57	12 43	1 7	21 16	0 3	19 54	0 38	7 35	1 43	3 9	14 50	20 27	20 13	20 12	5 58	1 47
T 23	19 29	15 36	1 18	23 19	0 39	5 43	0 45	9 43	1 57	12 45	1 8	21 15	0 3	19 55	0 38	7 35	1 43	3 9	14 50	20 27	20 12	20 10	5 59	1 47
F 24	19 14	20 2	0 7	23 16	0 46	5 13	0 41	9 52	1 57	12 48	1 8	21 14	0 3	19 55	0 38	7 36	1 43	3 9	14 50	20 27	20 11	20 8	5 59	1 47
S 25	19 0	23 33	1s 6	23 12	0 53	4 42	0 37	10 1	1 58	12 50	1 8	21 12	0 3	19 56	0 38	7 36	1 43	3 10	14 49	20 27	20 11	20 6	6 0	1 47
S 26	18 45	25 43	2 17	23 6	0 59	4 11	0 32	10 10	1 58	12 53	1 8	21 11	0 3	19 57	0 38	7 36	1 43	3 10	14 49	20 26	20 10	20 4	6 0	1 46
M27	18 29	26 11	3 21	22 59	1 6	3 40	0 28	10 18	1 58	12 55	1 8	21 10	0 3	19 57	0 38	7 37	1 43	3 10	14 49	20 25	20 9	20 2	6 1	1 46
T 28	18 14	24 45	4 13	22 51	1 11	3 10	0 24	10 26	1 58	12 58	1 8	21 9	0 4	19 58	0 38	7 37	1 43	3 10	14 48	20 23	20 9	20 0	6 2	1 46
W29	17 58	21 29	4 48	22 42	1 17	2 39	0 20	10 35	1 59	13 1	1 9	21 8	0 4	19 58	0 38	7 37	1 42	3 11	14 48	20 21	20 8	19 58	6 2	1 46
T 30	17 42	16 44	5 2	22 31	1 23	2 8	0 15	10 43	1 59	13 3	1 9	21 6	0 4	19 59	0 38	7 38	1 42	3 11	14 48	20 19	20 7	19 56	6 3	1 46
F 31	17s25	10s58	4s54	22s18	1s28	1s37	0s10	10s51	1n59	13n 6	1n 9	21s 5	0s 4	20n 0	0n38	7n38	1s42	3n11	14s47	20n17	20n 7	19n54	6n 4	1n46

Julian Day Number = 2405159.5, Delta T = -0.13 sec
Ecliptic obliquity = 23°27'25, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°58'00, Lahiri = 22°05'01

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ASTRODIENST EPHEMERIS for the year 1873
geocentric

FEBRUARY 1873 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 45 4	12♒15'36	28♓27	28♑ 2	27♓28	3♏58	28°R20	25♑47	3°R29	23♈45	18°D52	0°R25	29♉41	19♌14	11♈15	S 1
S 2	8 49 1	13°16'28	12♈51	29°36	28°35	4°22	28♌12	25°54	3♌26	23°46	18♉52	0♊19	29°38	19°21	11°18	S 2
M 3	8 52 57	14°17'19	26°46	1♒11	29°42	4°45	28° 5	26° 1	3°23	23°47	18°52	0°16	29°35	19°28	11°20	M 3
T 4	8 56 54	15°18'09	10♉12	2°47	0♈49	5° 9	27°57	26° 8	3°21	23°48	18°52	0°D14	29°32	19°34	11°22	T 4
W 5	9 0 50	16°18'57	23°13	4°23	1°55	5°31	27°50	26°15	3°18	23°49	18°52	0°R14	29°29	19°41	11°25	W 5
T 6	9 4 47	17°19'43	5♊53	6° 0	3° 1	5°54	27°42	26°21	3°16	23°50	18°52	0°14	29°25	19°48	11°27	T 6
F 7	9 8 43	18°20'28	18°16	7°38	4° 7	6°16	27°34	26°28	3°13	23°52	18°52	0°13	29°22	19°55	11°29	F 7
S 8	9 12 40	19°21'12	0♋26	9°16	5°13	6°38	27°27	26°35	3°11	23°53	18°52	0°10	29°19	20° 1	11°32	S 8
S 9	9 16 37	20°21'54	12°28	10°56	6°18	7° 0	27°19	26°42	3° 8	23°54	18°52	0° 3	29°16	20° 8	11°34	S 9
M10	9 20 33	21°22'34	24°24	12°36	7°23	7°21	27°11	26°48	3° 6	23°55	18°52	29♉54	29°13	20°15	11°37	M10
T 11	9 24 30	22°23'13	6♌18	14°17	8°28	7°42	27° 3	26°55	3° 3	23°56	18°53	29°42	29°10	20°21	11°40	T 11
W12	9 28 26	23°23'50	18°10	15°59	9°32	8° 3	26°55	27° 2	3° 1	23°58	18°53	29°27	29° 6	20°28	11°42	W12
T 13	9 32 23	24°24'26	0♍ 3	17°41	10°36	8°23	26°47	27° 8	2°59	23°59	18°53	29°12	29° 3	20°35	11°45	T 13
F 14	9 36 19	25°25'01	11°57	19°25	11°40	8°43	26°39	27°15	2°56	24° 0	18°53	28°58	29° 0	20°42	11°48	F 14
S 15	9 40 16	26°25'34	23°54	21° 9	12°44	9° 2	26°32	27°22	2°54	24° 2	18°54	28°45	28°57	20°48	11°50	S 15
S 16	9 44 12	27°26'05	5♎56	22°55	13°47	9°22	26°24	27°28	2°52	24° 3	18°54	28°34	28°54	20°55	11°53	S 16
M17	9 48 9	28°26'35	18° 5	24°41	14°50	9°40	26°16	27°34	2°49	24° 5	18°54	28°26	28°51	21° 2	11°56	M17
T 18	9 52 6	29°27'04	0♏23	26°28	15°52	9°59	26° 8	27°41	2°47	24° 6	18°55	28°21	28°47	21° 9	11°59	T 18
W19	9 56 2	0♓27'32	12°55	28°16	16°54	10°17	26° 0	27°47	2°45	24° 8	18°55	28°19	28°44	21°15	12° 2	W19
T 20	9 59 59	1°27'58	25°44	0♓ 6	17°56	10°34	25°52	27°54	2°43	24° 9	18°55	28°19	28°41	21°22	12° 5	T 20
F 21	10 3 55	2°28'23	8♐55	1°55	18°57	10°52	25°44	28° 0	2°40	24°11	18°56	28°19	28°38	21°29	12° 8	F 21
S 22	10 7 52	3°28'46	22°31	3°46	19°58	11° 8	25°36	28° 6	2°38	24°12	18°56	28°18	28°35	21°35	12°11	S 22
S 23	10 11 48	4°29'08	6♑34	5°38	20°59	11°24	25°29	28°12	2°36	24°14	18°57	28°15	28°31	21°42	12°14	S 23
M24	10 15 45	5°29'29	21° 5	7°30	21°59	11°40	25°21	28°19	2°34	24°15	18°57	28° 9	28°28	21°49	12°17	M24
T 25	10 19 41	6°29'49	5♒59	9°24	22°59	11°56	25°13	28°25	2°32	24°17	18°58	28° 1	28°25	21°56	12°20	T 25
W26	10 23 38	7°30'06	21°11	11°17	23°58	12°10	25° 6	28°31	2°30	24°19	18°58	27°51	28°22	22° 2	12°23	W26
T 27	10 27 35	8°30'22	6♓30	13°12	24°56	12°25	24°58	28°37	2°28	24°20	18°59	27°39	28°19	22° 9	12°26	T 27
F 28	10 31 31	9♓30'36	21♓44	15♓ 7	25♈55	12♏39	24♌51	28♑43	2♌26	24♈22	18♉59	27♉28	28♉16	22♌16	12♈29	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	17s 8	4s42	4s27	22s 5	1s32	1s 6	0s 6	10s59	1n59	13n 9	1n 9	21s 4	0s 4	20n 0	0n38	7n38	1s42	3n12	14s47	20n15	20n 6	19n52	6n 4	1n46	S 1
S 2	16 51	1n39	3 43	21 50	1 37	0 35	0 1	11 6	2 0	13 11	1 9	21 3	0 4	20 1	0 38	7 39	1 42	3 12	14 47	20 14	20 5	19 50	6 5	1 45	S 2
M 3	16 33	7 43	2 47	21 33	1 41	0 4	0n 4	11 14	2 0	13 14	1 9	21 2	0 4	20 1	0 38	7 39	1 42	3 12	14 46	20 13	20 5	19 48	6 6	1 45	M 3
T 4	16 16	13 15	1 44	21 16	1 45	0n28	0 9	11 22	2 0	13 17	1 10	21 0	0 4	20 2	0 38	7 40	1 42	3 13	14 46	20 13	20 4	19 46	6 7	1 45	T 4
W 5	15 57	18 0	0 37	20 56	1 49	0 59	0 14	11 29	2 0	13 20	1 10	20 59	0 4	20 3	0 38	7 40	1 42	3 13	14 46	20 13	20 3	19 44	6 7	1 45	W 5
T 6	15 39	21 48	0n30	20 36	1 52	1 29	0 19	11 36	2 0	13 22	1 10	20 58	0 4	20 3	0 38	7 41	1 42	3 13	14 45	20 13	20 3	19 42	6 8	1 45	T 6
F 7	15 21	24 30	1 34	20 14	1 55	2 0	0 24	11 43	2 1	13 25	1 10	20 57	0 4	20 4	0 38	7 41	1 42	3 14	14 45	20 13	20 2	19 40	6 9	1 45	F 7
S 8	15 2	26 0	2 32	19 50	1 58	2 31	0 29	11 50	2 1	13 28	1 10	20 55	0 4	20 4	0 38	7 42	1 42	3 14	14 45	20 12	20 1	19 38	6 10	1 44	S 8
S 9	14 43	26 15	3 23	19 26	2 0	3 2	0 35	11 57	2 1	13 31	1 10	20 54	0 4	20 5	0 38	7 42	1 42	3 14	14 44	20 11	20 0	19 36	6 11	1 44	S 9
M10	14 23	25 16	4 5	18 59	2 2	3 33	0 40	12 4	2 1	13 34	1 10	20 53	0 5	20 6	0 38	7 43	1 42	3 15	14 44	20 9	20 0	19 34	6 12	1 44	M10
T 11	14 4	23 9	4 35	18 32	2 4	4 3	0 45	12 11	2 1	13 36	1 11	20 52	0 5	20 6	0 38	7 43	1 42	3 15	14 44	20 6	19 59	19 32	6 13	1 44	T 11
W12	13 44	20 3	4 53	18 3	2 5	4 34	0 51	12 17	2 2	13 39	1 11	20 51	0 5	20 7	0 38	7 44	1 42	3 16	14 43	20 3	19 58	19 30	6 13	1 44	W12
T 13	13 24	16 7	4 59	17 32	2 6	5 4	0 56	12 23	2 2	13 42	1 11	20 49	0 5	20 7	0 38	7 44	1 42	3 16	14 43	20 0	19 58	19 28	6 14	1 44	T 13
F 14	13 3	11 34	4 52	17 0	2 6	5 34	1 2	12 30	2 2	13 45	1 11	20 48	0 5	20 8	0 38	7 45	1 42	3 16	14 43	19 57	19 57	19 26	6 15	1 44	F 14
S 15	12 43	6 34	4 31	16 27	2 6	6 4	1 8	12 36	2 2	13 48	1 11	20 47	0 5	20 8	0 38	7 45	1 42	3 17	14 43	19 54	19 56	19 23	6 16	1 43	S 15
S 16	12 22	1 18	3 59	15 52	2 5	6 34	1 13	12 42	2 2	13 50	1 11	20 46	0 5	20 9	0 38	7 46	1 42	3 17	14 42	19 51	19 56	19 21	6 17	1 43	S 16
M17	12 1	4s 5	3 15	15 15	2 4	7 4	1 19	12 47	2 2	13 53	1 11	20 45	0 5	20 9	0 38	7 46	1 42	3 18	14 42	19 50	19 55	19 19	6 18	1 43	M17
T 18	11 40	9 24	2 22	14 38	2 3	7 33	1 25	12 53	2 2	13 56	1 11	20 43	0 5	20 10	0 38	7 47	1 41	3 18	14 42	19 49	19 54	19 17	6 19	1 43	T 18
W19	11 19	14 27	1 20	13 58	2 1	8 3	1 31	12 59	2 2	13 59	1 11	20 42	0 5	20 10	0 38	7 47	1 41	3 18	14 41	19 48	19 54	19 15	6 20	1 43	W19
T 20	10 58	18 59	0 14	13 18	1 59	8 32	1 37	13 4	2 2	14 1	1 11	20 41	0 5	20 11	0 38	7 48	1 41	3 19	14 41	19 48	19 53	19 13	6 21	1 43	T 20
F 21	10 36	22 43	0s56	12 36	1 56	9 1	1 43	13 9	2 2	14 4	1 11	20 40	0 5	20 11	0 38	7 49	1 41	3 19	14 41	19 48	19 52	19 11	6 22	1 43	F 21
S 22	10 14	25 19	2 4	11 53	1 52	9 30	1 49	13 14	2 3	14 7	1 11	20 39	0 5	20 12	0 38	7 49	1 41	3 20	14 40	19 48	19 51	19 9	6 23	1 43	S 22
S 23	9 52	26 25	3 7	11 8	1 48	9 58	1 55	13 19	2 3	14 10	1 11	20 38	0 6	20 12	0 38	7 50	1 41	3 20	14 40	19 47	19 51	19 7	6 24	1 42	S 23
M24	9 30	25 46	4 0	10 22	1 44	10 27	2 1	13 24	2 3	14 12	1 12	20 36	0 6	20 13	0 38	7 51	1 41	3 20	14 40	19 46	19 50	19 5	6 25	1 42	M24
T 25	9 8	23 17	4 39	9 35	1 39	10 55	2 7	13 29	2 3	14 15	1 12	20 35	0 6	20 13	0 38	7 51	1 41	3 21	14 39	19 44	19 49	19 2	6 27	1 42	T 25
W26	8 46	19 9	4 58	8 46	1 33	11 22	2 14	13 33	2 3	14 17	1 12	20 34	0 6	20 14	0 38	7 52	1 41	3 21	14 39	19 42	19 49	19 0	6 28	1 42	W26
T 27	8 23	13 44	4 57	7 57	1 27	11 50	2 20	13 38	2 3	14 20	1 12	20 33	0 6	20 14	0 38	7 52	1 41	3 22	14 39	19 39	19 48	18 58	6 29	1 42	T 27
F 28	8s 1	7s29	4s34	7s 6	1s20	12n17	2n26	13s42	2n 3	14n23	1n12	20s32	0s 6	20n15	0n38	7n53	1s41	3n22	14s38	19n37	19n47	18n56	6n30	1n42	F 28

Julian Day Number = 2405190.5, Delta T = -0.18 sec
Ecliptic obliquity = 23°27'26, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°58'05, Lahiri = 22°05'05

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ASTRODIENST EPHEMERIS for the year 1873
geocentric

MARCH 1873 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 35 28	10♓30'48	6♈43	17♓ 2	26♈52	12♏52	24°R43	28♑49	2°R24	24♈24	19♉ 0	27°R19	28♉12	22♌22	12♈32	S 1
S 2	10 39 24	11°30'59	21°17	18°58	27°50	13° 5	24♌36	28°55	2♌22	24°26	19° 0	27♉12	28° 9	22°29	12°35	S 2
M 3	10 43 21	12°31'07	5♉23	20°53	28°46	13°17	24°29	29° 1	2°20	24°27	19° 1	27° 8	28° 6	22°36	12°39	M 3
T 4	10 47 17	13°31'13	18°59	22°48	29°43	13°29	24°21	29° 6	2°19	24°29	19° 2	27° 6	28° 3	22°43	12°42	T 4
W 5	10 51 14	14°31'17	2♊ 7	24°43	0♉38	13°40	24°14	29°12	2°17	24°31	19° 2	27°D 6	28° 0	22°49	12°45	W 5
T 6	10 55 10	15°31'19	14°50	26°37	1°33	13°51	24° 7	29°18	2°15	24°33	19° 3	27°R 6	27°57	22°56	12°49	T 6
F 7	10 59 7	16°31'19	27°14	28°30	2°27	14° 1	24° 0	29°23	2°13	24°35	19° 4	27° 6	27°53	23° 3	12°52	F 7
S 8	11 3 4	17°31'16	9♋23	0♈21	3°21	14°11	23°54	29°29	2°12	24°37	19° 4	27° 4	27°50	23°10	12°55	S 8
S 9	11 7 0	18°31'12	21°21	2°11	4°14	14°19	23°47	29°34	2°10	24°38	19° 5	26°59	27°47	23°16	12°59	S 9
M10	11 10 57	19°31'05	3♌14	3°58	5° 6	14°28	23°41	29°40	2° 9	24°40	19° 6	26°51	27°44	23°23	13° 2	M10
T 11	11 14 53	20°30'56	15° 5	5°42	5°58	14°36	23°34	29°45	2° 7	24°42	19° 7	26°41	27°41	23°30	13° 5	T 11
W12	11 18 50	21°30'45	26°57	7°23	6°49	14°43	23°28	29°50	2° 6	24°44	19° 7	26°30	27°37	23°36	13° 9	W12
T 13	11 22 46	22°30'32	8♍52	9° 0	7°39	14°49	23°22	29°56	2° 4	24°46	19° 8	26°17	27°34	23°43	13°12	T 13
F 14	11 26 43	23°30'16	20°52	10°32	8°28	14°55	23°16	0♒ 1	2° 3	24°48	19° 9	26° 5	27°31	23°50	13°16	F 14
S 15	11 30 39	24°29'59	2♎57	12° 0	9°16	15° 0	23°10	0° 6	2° 2	24°50	19°10	25°54	27°28	23°57	13°19	S 15
S 16	11 34 36	25°29'40	15° 9	13°23	10° 4	15° 5	23° 4	0°11	2° 0	24°52	19°11	25°45	27°25	24° 3	13°23	S 16
M17	11 38 32	26°29'19	27°29	14°40	10°50	15° 9	22°58	0°16	1°59	24°54	19°12	25°39	27°22	24°10	13°26	M17
T 18	11 42 29	27°28'56	9♏59	15°51	11°36	15°12	22°53	0°21	1°58	24°56	19°12	25°35	27°18	24°17	13°30	T 18
W19	11 46 26	28°28'31	22°40	16°55	12°21	15°14	22°48	0°26	1°57	24°58	19°13	25°D34	27°15	24°23	13°33	W19
T 20	11 50 22	29°28'04	5♐36	17°52	13° 4	15°16	22°42	0°31	1°56	25° 0	19°14	25°34	27°12	24°30	13°37	T 20
F 21	11 54 19	0♈27'36	18°48	18°42	13°47	15°17	22°37	0°35	1°55	25° 2	19°15	25°35	27° 9	24°37	13°40	F 21
S 22	11 58 15	1°27'06	2♑20	19°25	14°29	15°R17	22°33	0°40	1°54	25° 5	19°16	25°R35	27° 6	24°44	13°44	S 22
S 23	12 2 12	2°26'34	16°14	20° 1	15° 9	15°17	22°28	0°44	1°53	25° 7	19°17	25°35	27° 2	24°50	13°48	S 23
M24	12 6 8	3°26'01	0♒30	20°28	15°49	15°16	22°23	0°49	1°52	25° 9	19°18	25°32	26°59	24°57	13°51	M24
T 25	12 10 5	4°25'26	15° 5	20°48	16°27	15°14	22°19	0°53	1°51	25°11	19°19	25°27	26°56	25° 4	13°55	T 25
W26	12 14 1	5°24'48	29°57	21° 1	17° 3	15°11	22°15	0°58	1°51	25°13	19°20	25°20	26°53	25°11	13°58	W26
T 27	12 17 58	6°24'09	14♓56	21°R 6	17°39	15° 8	22°11	1° 2	1°50	25°15	19°21	25°12	26°50	25°17	14° 2	T 27
F 28	12 21 55	7°23'28	29°55	21° 3	18°13	15° 4	22° 7	1° 6	1°49	25°17	19°22	25° 5	26°47	25°24	14° 6	F 28
S 29	12 25 51	8°22'45	14♈44	20°53	18°46	14°59	22° 3	1°10	1°49	25°20	19°23	24°58	26°43	25°31	14° 9	S 29
S 30	12 29 48	9°22'00	29°16	20°36	19°17	14°53	22° 0	1°14	1°48	25°22	19°24	24°54	26°40	25°37	14°13	S 30
M31	12 33 44	10♈21'13	13♉23	20♈14	19♉47	14♏46	21♌56	1♒18	1♌47	25♈24	19♉25	24♉51	26♉37	25♌44	14♈17	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s38	0s54	3s53	6s14	1s12	12n44	2n32	13s46	2n 2	14n25	1n12	20s31	0s 6	20n15	0n38	7n54	1s41	3n23	14s38	19n34	19n47	18n54	6n31	1n42
S 2	7 15	5n34	2 57	5 22	1 4	13 11	2 39	13 50	2 2	14 28	1 12	20 29	0 6	20 15	0 38	7 54	1 41	3 23	14 38	19 33	19 46	18 52	6 32	1 42
M 3	6 52	11 34	1 52	4 28	0 56	13 37	2 45	13 54	2 2	14 30	1 12	20 28	0 6	20 16	0 38	7 55	1 41	3 24	14 37	19 32	19 45	18 50	6 33	1 41
T 4	6 29	16 48	0 43	3 34	0 46	14 3	2 51	13 57	2 2	14 32	1 12	20 27	0 6	20 16	0 38	7 56	1 41	3 24	14 37	19 32	19 44	18 47	6 35	1 41
W 5	6 6	21 2	0n27	2 40	0 37	14 29	2 58	14 1	2 2	14 35	1 12	20 26	0 6	20 17	0 38	7 57	1 41	3 24	14 37	19 32	19 44	18 45	6 36	1 41
T 6	5 43	24 8	1 33	1 45	0 26	14 54	3 4	14 4	2 2	14 37	1 12	20 25	0 6	20 17	0 38	7 57	1 41	3 25	14 37	19 32	19 43	18 43	6 37	1 41
F 7	5 19	25 58	2 33	0 50	0 15	15 19	3 11	14 7	2 2	14 39	1 12	20 24	0 6	20 17	0 37	7 58	1 41	3 25	14 36	19 31	19 42	18 41	6 38	1 41
S 8	4 56	26 31	3 24	0n 5	0 4	15 44	3 17	14 10	2 2	14 42	1 12	20 23	0 7	20 18	0 37	7 59	1 41	3 26	14 36	19 31	19 42	18 39	6 39	1 41
S 9	4 33	25 49	4 6	0 59	0n 8	16 8	3 23	14 13	2 1	14 44	1 12	20 22	0 7	20 18	0 37	7 59	1 41	3 26	14 36	19 30	19 41	18 37	6 41	1 41
M10	4 9	23 56	4 37	1 53	0 20	16 32	3 30	14 16	2 1	14 46	1 12	20 21	0 7	20 18	0 37	8 0	1 41	3 27	14 35	19 28	19 40	18 34	6 42	1 41
T 11	3 46	21 2	4 56	2 46	0 33	16 55	3 36	14 18	2 1	14 48	1 12	20 20	0 7	20 19	0 37	8 1	1 41	3 27	14 35	19 26	19 39	18 32	6 43	1 41
W12	3 22	17 16	5 2	3 38	0 46	17 18	3 43	14 21	2 1	14 50	1 12	20 19	0 7	20 19	0 37	8 2	1 41	3 28	14 35	19 23	19 39	18 30	6 44	1 40
T 13	2 58	12 48	4 55	4 28	0 59	17 41	3 49	14 23	2 0	14 52	1 12	20 18	0 7	20 19	0 37	8 2	1 41	3 28	14 35	19 20	19 38	18 28	6 45	1 40
F 14	2 35	7 50	4 35	5 16	1 12	18 3	3 55	14 25	2 0	14 54	1 12	20 17	0 7	20 19	0 37	8 3	1 41	3 29	14 34	19 17	19 37	18 26	6 47	1 40
S 15	2 11	2 32	4 2	6 3	1 25	18 24	4 2	14 27	1 59	14 56	1 12	20 16	0 7	20 20	0 37	8 4	1 41	3 29	14 34	19 15	19 37	18 23	6 48	1 40
S 16	1 48	2s55	3 18	6 47	1 37	18 46	4 8	14 28	1 59	14 58	1 11	20 15	0 7	20 20	0 37	8 5	1 41	3 30	14 34	19 13	19 36	18 21	6 49	1 40
M17	1 24	8 21	2 24	7 29	1 50	19 7	4 14	14 30	1 59	15 0	1 11	20 14	0 7	20 20	0 37	8 5	1 41	3 30	14 33	19 11	19 35	18 19	6 51	1 40
T 18	1 0	13 31	1 22	8 7	2 2	19 27	4 20	14 31	1 58	15 1	1 11	20 13	0 7	20 21	0 37	8 6	1 41	3 30	14 33	19 10	19 34	18 17	6 52	1 40
W19	0 36	18 12	0 16	8 43	2 14	19 47	4 27	14 33	1 58	15 3	1 11	20 12	0 7	20 21	0 37	8 7	1 40	3 31	14 33	19 10	19 34	18 14	6 53	1 40
T 20	0 13	22 8	0s54	9 15	2 25	20 6	4 33	14 34	1 57	15 5	1 11	20 11	0 8	20 21	0 37	8 8	1 40	3 31	14 33	19 10	19 33	18 12	6 54	1 40
F 21	0n11	25 0	2 1	9 44	2 36	20 25	4 39	14 34	1 57	15 6	1 11	20 10	0 8	20 21	0 37	8 8	1 40	3 32	14 32	19 10	19 32	18 10	6 56	1 40
S 22	0 35	26 30	3 4	10 10	2 46	20 43	4 45	14 35	1 56	15 8	1 11	20 9	0 8	20 21	0 37	8 9	1 40	3 32	14 32	19 10	19 31	18 8	6 57	1 40
S 23	0 58	26 24	3 58	10 31	2 55	21 1	4 51	14 36	1 55	15 9	1 11	20 8	0 8	20 22	0 37	8 10	1 40	3 33	14 32	19 10	19 31	18 5	6 58	1 39
M24	1 22	24 35	4 38	10 49	3 2	21 18	4 56	14 36	1 55	15 11	1 11	20 7	0 8	20 22	0 37	8 11	1 40	3 33	14 32	19 9	19 30	18 3	7 0	1 39
T 25	1 46	21 7	5 2	11 3	3 9	21 35	5 2	14 36	1 54	15 12	1 11	20 6	0 8	20 22	0 37	8 12	1 40	3 34	14 31	19 8	19 29	18 1	7 1	1 39
W26	2 9	16 16	5 6	11 12	3 14	21 51	5 8	14 36	1 53	15 13	1 11	20 5	0 8	20 22	0 37	8 12	1 40	3 34	14 31	19 7	19 29	17 59	7 2	1 39
T 27	2 33	10 22	4 49	11 18	3 18	22 7	5 13	14 36	1 52	15 15	1 11	20 5	0 8	20 22	0 37	8 13	1 40	3 35	14 31	19 5	19 28	17 56	7 4	1 39
F 28	2 56	3 53	4 12	11 19	3 21	22 22	5 19	14 35	1 51	15 16	1 11	20 4	0 8	20 22	0 37	8 14	1 40	3 35	14 31	19 3	19 27	17 54	7 5	1 39
S 29	3 20	2n45	3 19	11 16	3 22	22 36	5 24	14 35	1 51	15 17	1 11	20 3	0 8	20 22	0 37	8 15	1 40	3 36	14 31	19 1	19 26	17 52	7 6	1 39
S 30	3 43	9 8	2 14	11 9	3 21	22 50	5 29	14 34	1 50	15 18	1 10	20 2	0 8	20 23	0 37	8 16	1 40	3 36	14 30	19 0	19 26	17 49	7 8	1 39
M31	4n 6	14n53	1s 2	10n59	3n19	23n 3	5n34	14s33	1n49	15n19	1n10	20s 1	0s 9	20n23	0n37	8n16	1s40	3n37	14s30	19n 0	19n25	17n47	7n 9	1n39

Julian Day Number = 2405218.5, Delta T = -0.23 sec
Ecliptic obliquity = 23°27'26, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°58'09, Lahiri = 22°05'09

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ASTRODIENST EPHEMERIS for the year 1873
geocentric

APRIL 1873 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 37 41	11♈20'24	27♉ 3	19°R45	20♉15	14°R39	21°R53	1♒22	1°R47	25♈26	19♉26	24°D51	26♉34	25♌51	14♈20	T 1
W 2	12 41 37	12°19'32	10♊17	19♈11	20°42	14♏31	21♌50	1°26	1♌47	25°28	19°28	24♉52	26°31	25°58	14°24	W 2
T 3	12 45 34	13°18'38	23° 6	18°33	21° 7	14°22	21°48	1°30	1°46	25°31	19°29	24°53	26°28	26° 4	14°28	T 3
F 4	12 49 30	14°17'42	5♋35	17°52	21°30	14°12	21°45	1°33	1°46	25°33	19°30	24°54	26°24	26°11	14°31	F 4
S 5	12 53 27	15°16'43	17°47	17° 7	21°51	14° 2	21°42	1°37	1°46	25°35	19°31	24°R55	26°21	26°18	14°35	S 5
S 6	12 57 24	16°15'43	29°47	16°21	22°11	13°51	21°40	1°40	1°46	25°37	19°32	24°53	26°18	26°25	14°38	S 6
M 7	13 1 20	17°14'39	11♌41	15°34	22°28	13°39	21°38	1°44	1°45	25°40	19°33	24°51	26°15	26°31	14°42	M 7
T 8	13 5 17	18°13'34	23°33	14°48	22°44	13°26	21°36	1°47	1°45	25°42	19°34	24°46	26°12	26°38	14°46	T 8
W 9	13 9 13	19°12'26	5♍26	14° 2	22°57	13°13	21°35	1°50	1°D45	25°44	19°36	24°41	26° 8	26°45	14°49	W 9
T 10	13 13 10	20°11'16	17°24	13°18	23° 8	12°59	21°33	1°53	1°45	25°46	19°37	24°35	26° 5	26°51	14°53	T 10
F 11	13 17 6	21°10'04	29°30	12°36	23°17	12°45	21°32	1°56	1°45	25°49	19°38	24°28	26° 2	26°58	14°57	F 11
S 12	13 21 3	22° 8'50	11♎44	11°58	23°24	12°29	21°31	1°59	1°46	25°51	19°39	24°23	25°59	27° 5	15° 0	S 12
S 13	13 24 59	23° 7'34	24° 9	11°23	23°28	12°13	21°30	2° 2	1°46	25°53	19°40	24°19	25°56	27°12	15° 4	S 13
M14	13 28 56	24° 6'15	6♏45	10°53	23°R31	11°57	21°29	2° 5	1°46	25°55	19°42	24°16	25°53	27°18	15° 8	M14
T 15	13 32 53	25° 4'55	19°33	10°27	23°30	11°39	21°29	2° 7	1°46	25°58	19°43	24°D15	25°49	27°25	15°11	T 15
W16	13 36 49	26° 3'33	2♐34	10° 6	23°28	11°22	21°28	2°10	1°47	26° 0	19°44	24°15	25°46	27°32	15°15	W16
T 17	13 40 46	27° 2'10	15°47	9°49	23°23	11° 3	21°D28	2°12	1°47	26° 2	19°45	24°16	25°43	27°38	15°18	T 17
F 18	13 44 42	28° 0'45	29°13	9°38	23°15	10°44	21°28	2°15	1°48	26° 4	19°47	24°17	25°40	27°45	15°22	F 18
S 19	13 48 39	28°59'18	12♑54	9°32	23° 5	10°25	21°28	2°17	1°48	26° 7	19°48	24°19	25°37	27°52	15°25	S 19
S 20	13 52 35	29°57'49	26°48	9°D32	22°52	10° 5	21°29	2°19	1°49	26° 9	19°49	24°R20	25°34	27°59	15°29	S 20
M21	13 56 32	0♉56'19	10♒57	9°36	22°38	9°45	21°29	2°21	1°49	26°11	19°51	24°19	25°30	28° 5	15°33	M21
T 22	14 0 28	1°54'47	25°17	9°45	22°20	9°24	21°30	2°23	1°50	26°13	19°52	24°18	25°27	28°12	15°36	T 22
W23	14 4 25	2°53'14	9♓46	9°59	22° 1	9° 3	21°31	2°25	1°51	26°16	19°53	24°16	25°24	28°19	15°40	W23
T 24	14 8 22	3°51'38	24°19	10°18	21°39	8°42	21°32	2°27	1°51	26°18	19°54	24°13	25°21	28°26	15°43	T 24
F 25	14 12 18	4°50'02	8♈52	10°41	21°15	8°20	21°33	2°29	1°52	26°20	19°56	24°10	25°18	28°32	15°47	F 25
S 26	14 16 15	5°48'23	23°17	11° 8	20°49	7°58	21°35	2°31	1°53	26°22	19°57	24° 8	25°14	28°39	15°50	S 26
S 27	14 20 11	6°46'43	7♉29	11°40	20°20	7°36	21°36	2°32	1°54	26°25	19°58	24° 7	25°11	28°46	15°54	S 27
M28	14 24 8	7°45'01	21°24	12°16	19°50	7°14	21°38	2°34	1°55	26°27	20° 0	24°D 6	25° 8	28°52	15°57	M28
T 29	14 28 4	8°43'17	4♊57	12°55	19°19	6°52	21°40	2°35	1°56	26°29	20° 1	24° 6	25° 5	28°59	16° 0	T 29
W30	14 32 1	9♉41'32	18♊ 9	13♈39	18♉46	6♏29	21♌43	2♒36	1♌57	26♈31	20♉ 2	24♉ 7	25♉ 2	29♌ 6	16♈ 4	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n29	19n43	0n12	10n44	3n15	23n16	5n39	14s32	1n48	15n20	1n10	20s 1	0s 9	20n23	0n37	8n17	1s40	3n37	14s30	19n 0	19n24	17n45	7n10	1n39
W 2	4 52	23 22	1 23	10 26	3 9	23 27	5 44	14 31	1 46	15 21	1 10	20 0	0 9	20 23	0 37	8 18	1 40	3 38	14 30	19 0	19 23	17 43	7 12	1 39
T 3	5 16	25 43	2 27	10 5	3 2	23 38	5 48	14 29	1 45	15 21	1 10	19 59	0 9	20 23	0 37	8 19	1 40	3 38	14 29	19 0	19 23	17 40	7 13	1 39
F 4	5 38	26 43	3 23	9 41	2 53	23 49	5 52	14 27	1 44	15 22	1 10	19 58	0 9	20 23	0 37	8 20	1 40	3 39	14 29	19 0	19 22	17 38	7 14	1 39
S 5	6 1	26 22	4 8	9 14	2 43	23 58	5 56	14 26	1 43	15 23	1 10	19 58	0 9	20 23	0 37	8 21	1 40	3 39	14 29	19 1	19 21	17 36	7 16	1 38
S 6	6 24	24 47	4 41	8 46	2 31	24 7	6 0	14 24	1 42	15 23	1 10	19 57	0 9	20 23	0 37	8 21	1 40	3 40	14 29	19 0	19 20	17 33	7 17	1 38
M 7	6 47	22 8	5 2	8 16	2 18	24 15	6 4	14 21	1 40	15 24	1 10	19 56	0 9	20 23	0 37	8 22	1 40	3 40	14 29	19 0	19 20	17 31	7 19	1 38
T 8	7 9	18 33	5 10	7 45	2 4	24 23	6 7	14 19	1 39	15 25	1 9	19 56	0 9	20 23	0 37	8 23	1 40	3 41	14 28	18 59	19 19	17 29	7 20	1 38
W 9	7 32	14 15	5 5	7 13	1 49	24 29	6 10	14 16	1 37	15 25	1 9	19 55	0 9	20 23	0 37	8 24	1 40	3 41	14 28	18 57	19 18	17 26	7 21	1 38
T 10	7 54	9 22	4 46	6 42	1 34	24 34	6 13	14 14	1 36	15 25	1 9	19 54	0 9	20 23	0 37	8 25	1 40	3 41	14 28	18 56	19 17	17 24	7 23	1 38
F 11	8 16	4 6	4 15	6 10	1 18	24 39	6 15	14 11	1 34	15 26	1 9	19 54	0 10	20 23	0 37	8 25	1 40	3 42	14 28	18 54	19 17	17 22	7 24	1 38
S 12	8 38	1s24	3 31	5 40	1 1	24 43	6 17	14 8	1 32	15 26	1 9	19 53	0 10	20 23	0 37	8 26	1 40	3 42	14 28	18 53	19 16	17 19	7 25	1 38
S 13	9 0	6 56	2 37	5 11	0 45	24 45	6 18	14 4	1 31	15 26	1 9	19 53	0 10	20 23	0 37	8 27	1 40	3 43	14 28	18 52	19 15	17 17	7 27	1 38
M14	9 21	12 18	1 34	4 44	0 28	24 47	6 20	14 1	1 29	15 26	1 9	19 52	0 10	20 23	0 37	8 28	1 40	3 43	14 27	18 51	19 14	17 15	7 28	1 38
T 15	9 43	17 13	0 26	4 19	0 12	24 48	6 20	13 58	1 27	15 26	1 9	19 52	0 10	20 22	0 37	8 29	1 40	3 44	14 27	18 51	19 14	17 12	7 29	1 38
W16	10 4	21 26	0s45	3 56	0s 5	24 47	6 20	13 54	1 25	15 26	1 8	19 51	0 10	20 22	0 37	8 30	1 40	3 44	14 27	18 51	19 13	17 10	7 31	1 38
T 17	10 25	24 37	1 55	3 35	0 20	24 45	6 20	13 50	1 23	15 26	1 8	19 51	0 10	20 22	0 37	8 30	1 40	3 45	14 27	18 51	19 12	17 7	7 32	1 38
F 18	10 47	26 27	3 0	3 17	0 36	24 43	6 19	13 46	1 21	15 26	1 8	19 50	0 10	20 22	0 36	8 31	1 40	3 45	14 27	18 51	19 11	17 5	7 33	1 38
S 19	11 7	26 45	3 56	3 1	0 50	24 39	6 18	13 42	1 19	15 26	1 8	19 50	0 10	20 22	0 36	8 32	1 40	3 46	14 27	18 52	19 11	17 3	7 35	1 38
S 20	11 28	25 22	4 39	2 48	1 4	24 34	6 16	13 38	1 17	15 26	1 8	19 50	0 10	20 22	0 36	8 33	1 40	3 46	14 27	18 52	19 10	17 0	7 36	1 38
M21	11 49	22 24	5 6	2 37	1 17	24 27	6 14	13 33	1 15	15 25	1 8	19 49	0 10	20 22	0 36	8 34	1 40	3 46	14 27	18 52	19 9	16 58	7 37	1 38
T 22	12 9	18 2	5 14	2 29	1 30	24 20	6 11	13 29	1 13	15 25	1 8	19 49	0 11	20 21	0 36	8 34	1 40	3 47	14 26	18 52	19 8	16 55	7 39	1 37
W23	12 29	12 35	5 3	2 24	1 42	24 11	6 7	13 24	1 11	15 25	1 8	19 48	0 11	20 21	0 36	8 35	1 40	3 47	14 26	18 51	19 8	16 53	7 40	1 37
T 24	12 49	6 25	4 32	2 21	1 53	24 1	6 2	13 20	1 8	15 24	1 7	19 48	0 11	20 21	0 36	8 36	1 40	3 48	14 26	18 50	19 7	16 51	7 41	1 37
F 25	13 9	0n 5	3 44	2 21	2 3	23 49	5 57	13 15	1 6	15 24	1 7	19 48	0 11	20 21	0 36	8 37	1 40	3 48	14 26	18 50	19 6	16 48	7 43	1 37
S 26	13 28	6 33	2 42	2 23	2 12	23 37	5 51	13 10	1 4	15 23	1 7	19 48	0 11	20 21	0 36	8 38	1 40	3 49	14 26	18 49	19 5	16 46	7 44	1 37
S 27	13 47	12 36	1 30	2 27	2 21	23 23	5 45	13 6	1 1	15 22	1 7	19 47	0 11	20 20	0 36	8 38	1 40	3 49	14 26	18 49	19 5	16 43	7 45	1 37
M28	14 6	17 53	0 15	2 34	2 29	23 7	5 38	13 1	0 59	15 22	1 7	19 47	0 11	20 20	0 36	8 39	1 40	3 49	14 26	18 49	19 4	16 41	7 47	1 37
T 29	14 25	22 7	1n 0	2 43	2 36	22 51	5 30	12 56	0 56	15 21	1 7	19 47	0 11	20 20	0 36	8 40	1 40	3 50	14 26	18 49	19 3	16 38	7 48	1 37
W30	14n44	25n 4	2n 9	2n54	2s42	22n33	5n21	12s51	0n54	15n20	1n 7	19s47	0s11	20n20	0n36	8n41	1s40	3n50	14s26	18n49	19n 2	16n36	7n49	1n37

Julian Day Number = 2405249.5, Delta T = -0.27 sec
Ecliptic obliquity = 23°27'26, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°58'13, Lahiri = 22°05'13

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ASTRODIENST EPHEMERIS for the year 1873
geocentric

MAY 1873 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 35 57	10♉39'44	1♋ 0	14♈26	18°R11	6°R 7	21♌45	2♒37	1♌58	26♈34	20♉ 4	24♉ 8	24♉59	29♌13	16♈ 7	T 1
F 2	14 39 54	11°37'55	13°31	15°16	17♉35	5♏45	21°47	2°38	2° 0	26°36	20° 5	24° 9	24°55	29°19	16°11	F 2
S 3	14 43 51	12°36'03	25°46	16°10	16°59	5°23	21°50	2°39	2° 1	26°38	20° 6	24°10	24°52	29°26	16°14	S 3
S 4	14 47 47	13°34'10	7♌49	17° 6	16°22	5° 1	21°53	2°40	2° 2	26°40	20° 8	24°11	24°49	29°33	16°17	S 4
M 5	14 51 44	14°32'15	19°45	18° 6	15°44	4°39	21°56	2°41	2° 4	26°42	20° 9	24°R11	24°46	29°39	16°21	M 5
T 6	14 55 40	15°30'17	1♍38	19° 9	15° 6	4°17	21°59	2°42	2° 5	26°45	20°10	24°10	24°43	29°46	16°24	T 6
W 7	14 59 37	16°28'18	13°33	20°14	14°28	3°56	22° 3	2°42	2° 6	26°47	20°12	24°10	24°40	29°53	16°27	W 7
T 8	15 3 33	17°26'17	25°33	21°23	13°51	3°35	22° 6	2°43	2° 8	26°49	20°13	24° 9	24°36	29°59	16°31	T 8
F 9	15 7 30	18°24'14	7♎43	22°33	13°14	3°14	22°10	2°43	2° 9	26°51	20°15	24° 8	24°33	0♍ 6	16°34	F 9
S 10	15 11 26	19°22'09	20° 6	23°47	12°38	2°54	22°14	2°43	2°11	26°53	20°16	24° 7	24°30	0°13	16°37	S 10
S 11	15 15 23	20°20'03	2♏43	25° 3	12° 3	2°34	22°18	2°44	2°13	26°55	20°17	24° 7	24°27	0°20	16°40	S 11
M12	15 19 20	21°17'55	15°36	26°21	11°29	2°15	22°22	2°R44	2°14	26°57	20°19	24° 7	24°24	0°27	16°43	M12
T 13	15 23 16	22°15'45	28°45	27°42	10°57	1°56	22°27	2°44	2°16	26°59	20°20	24°D 7	24°20	0°33	16°46	T 13
W14	15 27 13	23°13'35	12♐ 9	29° 5	10°26	1°37	22°31	2°44	2°18	27° 2	20°21	24° 7	24°17	0°40	16°49	W14
T 15	15 31 9	24°11'23	25°47	0♑31	9°57	1°20	22°36	2°43	2°20	27° 4	20°23	24°R 7	24°14	0°47	16°53	T 15
F 16	15 35 6	25° 9'09	9♑38	1°59	9°30	1° 2	22°41	2°43	2°22	27° 6	20°24	24° 7	24°11	0°53	16°56	F 16
S 17	15 39 2	26° 6'55	23°38	3°29	9° 5	0°46	22°46	2°43	2°24	27° 8	20°25	24° 7	24° 8	1° 0	16°59	S 17
S 18	15 42 59	27° 4'39	7♒45	5° 1	8°42	0°30	22°51	2°42	2°26	27°10	20°27	24° 6	24° 5	1° 7	17° 2	S 18
M19	15 46 55	28° 2'22	21°57	6°36	8°21	0°15	22°57	2°42	2°28	27°12	20°28	24°D 6	24° 1	1°14	17° 5	M19
T 20	15 50 52	29° 0'04	6♓12	8°13	8° 3	0° 0	23° 2	2°41	2°30	27°14	20°29	24° 6	23°58	1°20	17° 7	T 20
W21	15 54 49	29°57'45	20°26	9°52	7°47	29♎46	23° 8	2°40	2°32	27°16	20°31	24° 7	23°55	1°27	17°10	W21
T 22	15 58 45	0♊55'25	4♈36	11°34	7°34	29°33	23°14	2°39	2°34	27°18	20°32	24° 7	23°52	1°34	17°13	T 22
F 23	16 2 42	1°53'04	18°42	13°17	7°23	29°21	23°20	2°38	2°36	27°20	20°33	24° 8	23°49	1°41	17°16	F 23
S 24	16 6 38	2°50'42	2♉38	15° 3	7°14	29° 9	23°26	2°37	2°38	27°22	20°35	24° 8	23°45	1°47	17°19	S 24
S 25	16 10 35	3°48'19	16°24	16°51	7° 8	28°58	23°32	2°36	2°41	27°24	20°36	24° 9	23°42	1°54	17°22	S 25
M26	16 14 31	4°45'55	29°56	18°41	7° 4	28°48	23°38	2°35	2°43	27°25	20°37	24°R 9	23°39	2° 1	17°24	M26
T 27	16 18 28	5°43'30	13♊13	20°34	7°D 3	28°39	23°45	2°33	2°45	27°27	20°39	24° 8	23°36	2° 7	17°27	T 27
W28	16 22 24	6°41'04	26°14	22°29	7° 4	28°31	23°51	2°32	2°48	27°29	20°40	24° 7	23°33	2°14	17°30	W28
T 29	16 26 21	7°38'37	8♋57	24°25	7° 7	28°23	23°58	2°30	2°50	27°31	20°41	24° 6	23°30	2°21	17°32	T 29
F 30	16 30 18	8°36'08	21°26	26°24	7°12	28°16	24° 5	2°29	2°53	27°33	20°43	24° 4	23°26	2°28	17°35	F 30
S 31	16 34 14	9♊33'38	3♌40	28♉25	7♉20	28♎10	24♌12	2♒27	2♌55	27♈35	20♉44	24♉ 1	23♉23	2♍34	17♈37	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 2	26n37	3n10	3n 7	2s48	22n15	5n12	12s46	0n51	15n19	1n 7	19s46	0s11	20n19	0n36	8n42	1s40	3n51	14s26	18n49	19n 1	16n34	7n50	1n37
F 2	15 20	26 45	4 0	3 22	2 53	21 55	5 2	12 41	0 49	15 18	1 6	19 46	0 12	20 19	0 36	8 42	1 40	3 51	14 25	18 50	19 1	16 31	7 52	1 37
S 3	15 38	25 34	4 38	3 38	2 57	21 34	4 52	12 36	0 46	15 17	1 6	19 46	0 12	20 19	0 36	8 43	1 40	3 52	14 25	18 50	19 0	16 29	7 53	1 37
S 4	15 55	23 13	5 4	3 57	3 0	21 13	4 40	12 31	0 43	15 16	1 6	19 46	0 12	20 18	0 36	8 44	1 40	3 52	14 25	18 50	18 59	16 26	7 54	1 37
M 5	16 13	19 53	5 15	4 17	3 3	20 51	4 29	12 26	0 41	15 15	1 6	19 46	0 12	20 18	0 36	8 45	1 40	3 52	14 25	18 50	18 58	16 24	7 55	1 37
T 6	16 30	15 47	5 14	4 39	3 5	20 28	4 16	12 22	0 38	15 14	1 6	19 46	0 12	20 18	0 36	8 45	1 40	3 53	14 25	18 50	18 58	16 21	7 57	1 37
W 7	16 46	11 4	4 58	5 3	3 6	20 4	4 4	12 17	0 35	15 12	1 6	19 46	0 12	20 17	0 36	8 46	1 40	3 53	14 25	18 50	18 57	16 19	7 58	1 37
T 8	17 3	5 54	4 30	5 28	3 6	19 40	3 51	12 12	0 33	15 11	1 6	19 46	0 12	20 17	0 36	8 47	1 40	3 53	14 25	18 49	18 56	16 16	7 59	1 37
F 9	17 19	0 27	3 49	5 54	3 6	19 16	3 37	12 8	0 30	15 10	1 5	19 46	0 12	20 17	0 36	8 48	1 40	3 54	14 25	18 49	18 55	16 14	8 0	1 37
S 10	17 35	5s 7	2 57	6 22	3 6	18 52	3 23	12 4	0 27	15 8	1 5	19 46	0 12	20 16	0 36	8 48	1 40	3 54	14 25	18 49	18 55	16 11	8 2	1 37
S 11	17 51	10 37	1 56	6 51	3 4	18 28	3 9	11 59	0 25	15 7	1 5	19 46	0 12	20 16	0 36	8 49	1 41	3 55	14 25	18 49	18 54	16 9	8 3	1 37
M12	18 6	15 46	0 47	7 21	3 2	18 4	2 55	11 55	0 22	15 5	1 5	19 46	0 13	20 15	0 36	8 50	1 41	3 55	14 25	18 49	18 53	16 6	8 4	1 37
T 13	18 21	20 19	0s26	7 52	3 0	17 40	2 41	11 51	0 19	15 4	1 5	19 46	0 13	20 15	0 36	8 51	1 41	3 55	14 25	18 49	18 52	16 4	8 5	1 37
W14	18 36	23 53	1 38	8 24	2 56	17 16	2 26	11 47	0 16	15 2	1 5	19 46	0 13	20 15	0 36	8 51	1 41	3 56	14 25	18 49	18 51	16 1	8 6	1 37
T 15	18 50	26 10	2 47	8 58	2 53	16 54	2 12	11 44	0 14	15 1	1 5	19 46	0 13	20 14	0 36	8 52	1 41	3 56	14 25	18 49	18 51	15 59	8 7	1 37
F 16	19 4	26 52	3 46	9 32	2 48	16 31	1 57	11 40	0 11	14 59	1 5	19 47	0 13	20 14	0 36	8 53	1 41	3 56	14 25	18 49	18 50	15 56	8 9	1 37
S 17	19 18	25 52	4 33	10 7	2 43	16 10	1 43	11 37	0 8	14 57	1 4	19 47	0 13	20 13	0 36	8 54	1 41	3 57	14 25	18 49	18 49	15 54	8 10	1 37
S 18	19 31	23 14	5 4	10 43	2 38	15 49	1 29	11 34	0 6	14 55	1 4	19 47	0 13	20 13	0 36	8 54	1 41	3 57	14 25	18 49	18 48	15 51	8 11	1 37
M19	19 44	19 11	5 16	11 20	2 32	15 29	1 15	11 31	0 3	14 53	1 4	19 47	0 13	20 12	0 36	8 55	1 41	3 57	14 25	18 49	18 48	15 49	8 12	1 37
T 20	19 57	14 2	5 10	11 58	2 25	15 10	1 1	11 28	0 0	14 51	1 4	19 48	0 13	20 12	0 36	8 56	1 41	3 58	14 25	18 49	18 47	15 46	8 13	1 37
W21	20 9	8 9	4 44	12 36	2 18	14 52	0 48	11 26	0s 2	14 49	1 4	19 48	0 14	20 11	0 36	8 56	1 41	3 58	14 25	18 49	18 46	15 44	8 14	1 37
T 22	20 22	1 51	4 1	13 14	2 11	14 35	0 35	11 24	0 5	14 47	1 4	19 48	0 14	20 11	0 36	8 57	1 41	3 58	14 25	18 49	18 45	15 41	8 15	1 37
F 23	20 33	4n30	3 4	13 53	2 3	14 20	0 22	11 22	0 7	14 45	1 4	19 48	0 14	20 10	0 36	8 58	1 41	3 59	14 25	18 49	18 44	15 39	8 16	1 37
S 24	20 45	10 35	1 56	14 32	1 55	14 5	0 9	11 20	0 10	14 43	1 4	19 49	0 14	20 10	0 36	8 58	1 41	3 59	14 25	18 49	18 44	15 36	8 17	1 37
S 25	20 56	16 4	0 43	15 11	1 46	13 51	0s 3	11 18	0 12	14 41	1 3	19 49	0 14	20 9	0 36	8 59	1 41	3 59	14 25	18 49	18 43	15 33	8 19	1 37
M26	21 6	20 40	0n32	15 51	1 37	13 39	0 15	11 17	0 15	14 39	1 3	19 50	0 14	20 9	0 36	9 0	1 41	3 59	14 25	18 49	18 42	15 31	8 20	1 37
T 27	21 17	24 7	1 44	16 30	1 27	13 28	0 26	11 16	0 17	14 37	1 3	19 50	0 14	20 8	0 36	9 0	1 41	4 0	14 25	18 49	18 41	15 28	8 21	1 37
W28	21 27	26 12	2 48	17 9	1 17	13 18	0 37	11 15	0 19	14 34	1 3	19 50	0 14	20 8	0 36	9 1	1 41	4 0	14 25	18 49	18 40	15 26	8 22	1 37
T 29	21 36	26 52	3 43	17 48	1 7	13 8	0 48	11 15	0 22	14 32	1 3	19 51	0 14	20 7	0 35	9 1	1 41	4 0	14 25	18 49	18 40	15 23	8 23	1 37
F 30	21 45	26 7	4 26	18 26	0 57	13 0	0 58	11 15	0 24	14 29	1 3	19 51	0 14	20 6	0 35	9 2	1 41	4 0	14 25	18 48	18 39	15 21	8 24	1 37
S 31	21n54	24n 8	4n56	19n 4	0s46	12n54	1s 8	11s15	0s26	14n27	1n 3	19s52	0s15	20n 6	0n35	9n 3	1s41	4n 1	14s25	18n48	18n38	15n18	8n25	1n37

Julian Day Number = 2405279.5, Delta T = -0.32 sec
Ecliptic obliquity = 23°27'26, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°58'17, Lahiri = 22°05'17

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ASTRODIENST EPHEMERIS for the year 1873
geocentric

JUNE 1873 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 38 11	10♊31'07	15♌44	0♊28	7♉30	28°R 5	24♌19	2°R25	2♌58	27♈36	20♉45	24°R 0	23♉20	2♍41	17♈40	S 1
M 2	16 42 7	11°28'34	27°40	2°32	7°41	28♎ 1	24°27	2♒23	3° 0	27°38	20°47	23♉58	23°17	2°48	17°42	M 2
T 3	16 46 4	12°26'01	9♍33	4°39	7°55	27°57	24°34	2°21	3° 3	27°40	20°48	23°D58	23°14	2°54	17°45	T 3
W 4	16 50 0	13°23'26	21°28	6°46	8°11	27°55	24°42	2°19	3° 5	27°42	20°49	23°58	23°11	3° 1	17°47	W 4
T 5	16 53 57	14°20'50	3♎28	8°55	8°29	27°53	24°49	2°17	3° 8	27°43	20°50	23°59	23° 7	3° 8	17°50	T 5
F 6	16 57 53	15°18'13	15°40	11° 6	8°48	27°52	24°57	2°15	3°11	27°45	20°52	24° 0	23° 4	3°15	17°52	F 6
S 7	17 1 50	16°15'34	28° 6	13°17	9°10	27°D52	25° 5	2°12	3°14	27°47	20°53	24° 2	23° 1	3°21	17°54	S 7
S 8	17 5 47	17°12'55	10♏51	15°28	9°33	27°52	25°13	2°10	3°16	27°48	20°54	24° 3	22°58	3°28	17°56	S 8
M 9	17 9 43	18°10'15	23°56	17°40	9°58	27°54	25°21	2° 8	3°19	27°50	20°55	24°R 3	22°55	3°35	17°59	M 9
T 10	17 13 40	19° 7'34	7♐22	19°52	10°24	27°56	25°30	2° 5	3°22	27°51	20°56	24° 3	22°51	3°42	18° 1	T 10
W11	17 17 36	20° 4'53	21° 9	22° 4	10°52	27°59	25°38	2° 2	3°25	27°53	20°58	24° 1	22°48	3°48	18° 3	W11
T 12	17 21 33	21° 2'10	5♑14	24°15	11°21	28° 2	25°46	2° 0	3°28	27°55	20°59	23°58	22°45	3°55	18° 5	T 12
F 13	17 25 29	21°59'28	19°32	26°26	11°52	28° 7	25°55	1°57	3°31	27°56	21° 0	23°54	22°42	4° 2	18° 7	F 13
S 14	17 29 26	22°56'44	3♒59	28°36	12°25	28°12	26° 4	1°54	3°34	27°58	21° 1	23°50	22°39	4° 8	18° 9	S 14
S 15	17 33 23	23°54'01	18°28	0♋44	12°58	28°18	26°13	1°51	3°37	27°59	21° 2	23°47	22°36	4°15	18°11	S 15
M16	17 37 19	24°51'16	2♓55	2°51	13°33	28°25	26°22	1°48	3°40	28° 0	21° 4	23°44	22°32	4°22	18°13	M16
T 17	17 41 16	25°48'32	17°15	4°57	14° 9	28°32	26°31	1°45	3°43	28° 2	21° 5	23°42	22°29	4°29	18°14	T 17
W18	17 45 12	26°45'47	1♈24	7° 1	14°47	28°40	26°40	1°42	3°46	28° 3	21° 6	23°D42	22°26	4°35	18°16	W18
T 19	17 49 9	27°43'02	15°22	9° 3	15°25	28°49	26°49	1°38	3°49	28° 5	21° 7	23°43	22°23	4°42	18°18	T 19
F 20	17 53 5	28°40'17	29° 7	11° 3	16° 5	28°58	26°58	1°35	3°52	28° 6	21° 8	23°44	22°20	4°49	18°20	F 20
S 21	17 57 2	29°37'32	12♉40	13° 1	16°46	29° 9	27° 8	1°32	3°56	28° 7	21° 9	23°46	22°17	4°55	18°21	S 21
S 22	18 0 58	0♋34'47	26° 0	14°57	17°27	29°19	27°17	1°28	3°59	28° 9	21°10	23°R46	22°13	5° 2	18°23	S 22
M23	18 4 55	1°32'02	9♊ 9	16°51	18°10	29°31	27°27	1°25	4° 2	28°10	21°11	23°45	22°10	5° 9	18°24	M23
T 24	18 8 52	2°29'17	22° 4	18°43	18°53	29°43	27°37	1°21	4° 5	28°11	21°13	23°42	22° 7	5°16	18°26	T 24
W25	18 12 48	3°26'31	4♋48	20°33	19°38	29°56	27°47	1°18	4° 9	28°12	21°14	23°38	22° 4	5°22	18°27	W25
T 26	18 16 45	4°23'45	17°20	22°20	20°23	0♏ 9	27°57	1°14	4°12	28°13	21°15	23°31	22° 1	5°29	18°29	T 26
F 27	18 20 41	5°20'59	29°39	24° 6	21° 9	0°23	28° 7	1°10	4°15	28°14	21°16	23°24	21°58	5°36	18°30	F 27
S 28	18 24 38	6°18'12	11♌49	25°49	21°56	0°38	28°17	1° 7	4°19	28°16	21°17	23°16	21°54	5°43	18°31	S 28
S 29	18 28 34	7°15'26	23°49	27°30	22°44	0°53	28°27	1° 3	4°22	28°17	21°18	23° 9	21°51	5°49	18°33	S 29
M30	18 32 31	8♋12'38	5♍44	29♋ 8	23♉33	1♏ 9	28♌37	0♒59	4♌25	28♈18	21♉19	23♉ 3	21♉48	5♍56	18♈34	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 2	21n 5	5n12	19n41	0s36	12n48	1s18	11s15	0s29	14n25	1n 3	19s52	0s15	20n 5	0n35	9n 3	1s41	4n 1	14s25	18n47	18n37	15n15	8n26	1n37
M 2	22 11	17 12	5 15	20 17	0 25	12 43	1 27	11 15	0 31	14 22	1 3	19 53	0 15	20 5	0 35	9 4	1 41	4 1	14 26	18 47	18 36	15 13	8 26	1 37
T 3	22 18	12 41	5 4	20 51	0 14	12 39	1 36	11 16	0 33	14 19	1 2	19 53	0 15	20 4	0 35	9 4	1 41	4 1	14 26	18 47	18 36	15 10	8 27	1 37
W 4	22 25	7 40	4 40	21 24	0 3	12 36	1 44	11 17	0 35	14 17	1 2	19 54	0 15	20 3	0 35	9 5	1 41	4 2	14 26	18 47	18 35	15 8	8 28	1 37
T 5	22 32	2 20	4 3	21 56	0n 7	12 34	1 52	11 19	0 37	14 14	1 2	19 55	0 15	20 3	0 35	9 6	1 41	4 2	14 26	18 47	18 34	15 5	8 29	1 37
F 6	22 39	3s10	3 16	22 25	0 18	12 33	2 0	11 20	0 39	14 11	1 2	19 55	0 15	20 2	0 35	9 6	1 41	4 2	14 26	18 47	18 33	15 2	8 30	1 37
S 7	22 45	8 40	2 18	22 53	0 28	12 33	2 7	11 22	0 41	14 9	1 2	19 56	0 15	20 1	0 35	9 7	1 41	4 2	14 26	18 48	18 32	15 0	8 31	1 37
S 8	22 51	13 57	1 12	23 18	0 38	12 34	2 14	11 24	0 43	14 6	1 2	19 56	0 15	20 1	0 35	9 7	1 41	4 3	14 26	18 48	18 32	14 57	8 32	1 37
M 9	22 56	18 45	0 1	23 41	0 48	12 35	2 21	11 26	0 45	14 3	1 2	19 57	0 15	20 0	0 35	9 8	1 42	4 3	14 26	18 48	18 31	14 55	8 33	1 37
T 10	23 1	22 45	1s12	24 1	0 57	12 38	2 27	11 29	0 47	14 0	1 2	19 58	0 16	19 59	0 35	9 8	1 42	4 3	14 26	18 48	18 30	14 52	8 33	1 37
W11	23 5	25 32	2 23	24 19	1 6	12 41	2 33	11 32	0 49	13 57	1 2	19 59	0 16	19 59	0 35	9 9	1 42	4 3	14 26	18 47	18 29	14 49	8 34	1 37
T 12	23 9	26 48	3 27	24 34	1 14	12 44	2 38	11 35	0 51	13 54	1 2	19 59	0 16	19 58	0 35	9 9	1 42	4 3	14 27	18 47	18 28	14 47	8 35	1 37
F 13	23 13	26 17	4 18	24 46	1 21	12 49	2 44	11 38	0 53	13 51	1 1	20 0	0 16	19 57	0 35	9 10	1 42	4 3	14 27	18 46	18 28	14 44	8 36	1 37
S 14	23 16	24 2	4 54	24 55	1 28	12 54	2 49	11 42	0 55	13 48	1 1	20 1	0 16	19 57	0 35	9 10	1 42	4 4	14 27	18 45	18 27	14 41	8 37	1 37
S 15	23 19	20 13	5 11	25 1	1 34	12 59	2 53	11 45	0 56	13 45	1 1	20 1	0 16	19 56	0 35	9 11	1 42	4 4	14 27	18 44	18 26	14 39	8 37	1 37
M16	23 21	15 14	5 8	25 5	1 40	13 6	2 58	11 49	0 58	13 42	1 1	20 2	0 16	19 55	0 35	9 11	1 42	4 4	14 27	18 43	18 25	14 36	8 38	1 37
T 17	23 23	9 26	4 46	25 6	1 44	13 12	3 2	11 54	1 0	13 39	1 1	20 3	0 16	19 54	0 35	9 12	1 42	4 4	14 27	18 43	18 24	14 33	8 39	1 37
W18	23 25	3 13	4 7	25 4	1 48	13 20	3 5	11 58	1 1	13 35	1 1	20 4	0 16	19 54	0 35	9 12	1 42	4 4	14 27	18 43	18 24	14 31	8 39	1 37
T 19	23 26	3n 4	3 14	25 0	1 51	13 27	3 9	12 3	1 3	13 32	1 1	20 5	0 17	19 53	0 35	9 13	1 42	4 4	14 27	18 43	18 23	14 28	8 40	1 37
F 20	23 27	9 8	2 10	24 53	1 54	13 36	3 12	12 7	1 5	13 29	1 1	20 6	0 17	19 52	0 35	9 13	1 42	4 4	14 28	18 43	18 22	14 25	8 41	1 37
S 21	23 27	14 42	1 0	24 44	1 56	13 44	3 15	12 12	1 6	13 26	1 1	20 6	0 17	19 51	0 35	9 13	1 42	4 5	14 28	18 44	18 21	14 23	8 41	1 37
S 22	23 27	19 28	0n12	24 33	1 57	13 53	3 18	12 18	1 8	13 22	1 1	20 7	0 17	19 51	0 35	9 14	1 42	4 5	14 28	18 44	18 20	14 20	8 42	1 37
M23	23 27	23 12	1 23	24 20	1 57	14 2	3 20	12 23	1 9	13 19	1 1	20 8	0 17	19 50	0 35	9 14	1 42	4 5	14 28	18 43	18 19	14 17	8 43	1 37
T 24	23 26	25 40	2 28	24 4	1 57	14 12	3 23	12 29	1 11	13 15	1 0	20 9	0 17	19 49	0 35	9 15	1 42	4 5	14 28	18 43	18 19	14 15	8 43	1 37
W25	23 25	26 46	3 24	23 47	1 55	14 22	3 25	12 35	1 12	13 12	1 0	20 10	0 17	19 48	0 35	9 15	1 42	4 5	14 28	18 42	18 18	14 12	8 44	1 37
T 26	23 23	26 27	4 9	23 28	1 54	14 32	3 27	12 41	1 13	13 8	1 0	20 11	0 17	19 47	0 35	9 15	1 42	4 5	14 29	18 40	18 17	14 9	8 44	1 37
F 27	23 21	24 50	4 42	23 8	1 51	14 43	3 28	12 47	1 15	13 5	1 0	20 12	0 17	19 47	0 35	9 16	1 42	4 5	14 29	18 38	18 16	14 7	8 45	1 37
S 28	23 18	22 5	5 2	22 46	1 48	14 53	3 30	12 53	1 16	13 1	1 0	20 13	0 17	19 46	0 35	9 16	1 42	4 5	14 29	18 36	18 15	14 4	8 45	1 37
S 29	23 15	18 26	5 8	22 23	1 44	15 4	3 31	13 0	1 17	12 58	1 0	20 14	0 18	19 45	0 35	9 16	1 43	4 5	14 29	18 34	18 15	14 1	8 46	1 37
M30	23n12	14n 4	5n 1	21n59	1n40	15n15	3s32	13s 6	1s19	12n54	1n 0	20s15	0s18	19n44	0n35	9n17	1s43	4n 5	14s29	18n33	18n14	13n59	8n46	1n37

Julian Day Number = 2405310.5, Delta T = -0.37 sec
Ecliptic obliquity = 23°27'26, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°58'21, Lahiri = 22°05'22

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ASTRODIENST EPHEMERIS for the year 1873
geocentric

JULY 1873 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 36 27	9♋ 9'51	17♍35	0♌45	24♉22	1♏25	28♌48	0°R55	4♌29	28♈19	21♉20	22°R59	21♉45	6♍ 3	18♈35	T 1
W 2	18 40 24	10° 7'03	29°28	2°19	25°12	1°42	28°58	0♒51	4°32	28°20	21°21	22♉56	21°42	6° 9	18°36	W 2
T 3	18 44 21	11° 4'15	11♎27	3°52	26° 2	2° 0	29° 9	0°47	4°36	28°21	21°22	22°D56	21°38	6°16	18°37	T 3
F 4	18 48 17	12° 1'26	23°37	5°21	26°53	2°18	29°19	0°43	4°39	28°22	21°22	22°56	21°35	6°23	18°38	F 4
S 5	18 52 14	12°58'38	6♏ 2	6°49	27°45	2°36	29°30	0°39	4°43	28°22	21°23	22°57	21°32	6°30	18°39	S 5
S 6	18 56 10	13°55'49	18°48	8°14	28°38	2°55	29°41	0°35	4°46	28°23	21°24	22°R58	21°29	6°36	18°40	S 6
M 7	19 0 7	14°53'01	1♐57	9°38	29°31	3°15	29°51	0°30	4°50	28°24	21°25	22°58	21°26	6°43	18°41	M 7
T 8	19 4 3	15°50'12	15°33	10°58	0♊24	3°35	0♍ 2	0°26	4°53	28°25	21°26	22°56	21°23	6°50	18°42	T 8
W 9	19 8 0	16°47'23	29°35	12°17	1°18	3°55	0°13	0°22	4°57	28°26	21°27	22°52	21°19	6°56	18°42	W 9
T 10	19 11 56	17°44'35	14♑ 0	13°32	2°13	4°16	0°24	0°18	5° 0	28°27	21°28	22°45	21°16	7° 3	18°43	T 10
F 11	19 15 53	18°41'46	28°43	14°46	3° 8	4°38	0°35	0°13	5° 4	28°27	21°29	22°37	21°13	7°10	18°44	F 11
S 12	19 19 50	19°38'58	13♒36	15°57	4° 4	5° 0	0°47	0° 9	5° 8	28°28	21°29	22°29	21°10	7°17	18°44	S 12
S 13	19 23 46	20°36'10	28°31	17° 5	5° 0	5°22	0°58	0° 5	5°11	28°29	21°30	22°21	21° 7	7°23	18°45	S 13
M14	19 27 43	21°33'23	13♓18	18°10	5°56	5°45	1° 9	0° 0	5°15	28°29	21°31	22°14	21° 4	7°30	18°45	M14
T 15	19 31 39	22°30'37	27°51	19°13	6°53	6° 8	1°21	29♑56	5°18	28°30	21°32	22°10	21° 0	7°37	18°46	T 15
W16	19 35 36	23°27'51	12♈ 7	20°13	7°51	6°32	1°32	29°52	5°22	28°30	21°32	22° 7	20°57	7°43	18°46	W16
T 17	19 39 32	24°25'05	26° 2	21°10	8°48	6°56	1°44	29°47	5°26	28°31	21°33	22°D 7	20°54	7°50	18°46	T 17
F 18	19 43 29	25°22'21	9♉38	22° 3	9°47	7°21	1°55	29°43	5°29	28°31	21°34	22° 7	20°51	7°57	18°47	F 18
S 19	19 47 25	26°19'37	22°57	22°54	10°45	7°45	2° 7	29°38	5°33	28°32	21°34	22°R 8	20°48	8° 4	18°47	S 19
S 20	19 51 22	27°16'55	5♊59	23°41	11°44	8°11	2°18	29°34	5°37	28°32	21°35	22° 7	20°44	8°10	18°47	S 20
M21	19 55 19	28°14'13	18°48	24°25	12°44	8°36	2°30	29°29	5°40	28°33	21°36	22° 4	20°41	8°17	18°47	M21
T 22	19 59 15	29°11'32	1♋25	25° 5	13°44	9° 3	2°42	29°25	5°44	28°33	21°36	21°58	20°38	8°24	18°R47	T 22
W23	20 3 12	0♌ 8'51	13°52	25°41	14°44	9°29	2°54	29°20	5°48	28°33	21°37	21°50	20°35	8°30	18°47	W23
T 24	20 7 8	1° 6'12	26° 9	26°13	15°44	9°56	3° 6	29°16	5°51	28°34	21°38	21°40	20°32	8°37	18°47	T 24
F 25	20 11 5	2° 3'33	8♌19	26°41	16°45	10°23	3°18	29°12	5°55	28°34	21°38	21°27	20°29	8°44	18°47	F 25
S 26	20 15 1	3° 0'54	20°21	27° 5	17°46	10°51	3°30	29° 7	5°59	28°34	21°39	21°15	20°25	8°51	18°47	S 26
S 27	20 18 58	3°58'16	2♍17	27°24	18°47	11°19	3°42	29° 3	6° 3	28°34	21°39	21° 2	20°22	8°57	18°47	S 27
M28	20 22 55	4°55'39	14° 9	27°38	19°49	11°47	3°54	28°58	6° 6	28°34	21°40	20°52	20°19	9° 4	18°46	M28
T 29	20 26 51	5°53'03	25°59	27°48	20°51	12°15	4° 6	28°54	6°10	28°35	21°40	20°43	20°16	9°11	18°46	T 29
W30	20 30 48	6°50'27	7♎50	27°R53	21°53	12°44	4°18	28°49	6°14	28°35	21°41	20°37	20°13	9°17	18°46	W30
T 31	20 34 44	7♌47'52	19♎47	27♌52	22♊55	13♏14	4♍30	28♑45	6♌17	28♈35	21♉41	20♉34	20♉ 9	9♍24	18♈45	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 8	9n12	4n40	21n33	1n35	15n26	3s33	13s13	1s20	12n50	1n 0	20s15	0s18	19n43	0n35	9n17	1s43	4n 5	14s30	18n32	18n13	13n56	8n47	1n37
W 2	23 4	4 0	4 8	21 7	1 30	15 37	3 33	13 20	1 21	12 47	1 0	20 16	0 18	19 43	0 35	9 17	1 43	4 5	14 30	18 31	18 12	13 53	8 47	1 37
T 3	23 0	1s24	3 25	20 39	1 24	15 49	3 34	13 28	1 22	12 43	1 0	20 17	0 18	19 42	0 35	9 18	1 43	4 5	14 30	18 31	18 11	13 50	8 48	1 37
F 4	22 55	6 50	2 31	20 11	1 17	16 0	3 34	13 35	1 23	12 39	1 0	20 18	0 18	19 41	0 35	9 18	1 43	4 6	14 30	18 31	18 10	13 48	8 48	1 37
S 5	22 49	12 8	1 30	19 43	1 10	16 12	3 34	13 42	1 24	12 35	1 0	20 19	0 18	19 40	0 35	9 18	1 43	4 6	14 30	18 32	18 10	13 45	8 48	1 37
S 6	22 44	17 4	0 22	19 13	1 2	16 23	3 34	13 50	1 26	12 31	1 0	20 20	0 18	19 39	0 35	9 18	1 43	4 6	14 31	18 32	18 9	13 42	8 49	1 37
M 7	22 38	21 21	0s48	18 44	0 54	16 35	3 34	13 58	1 27	12 28	1 0	20 21	0 18	19 38	0 35	9 19	1 43	4 6	14 31	18 32	18 8	13 40	8 49	1 37
T 8	22 31	24 38	1 58	18 13	0 46	16 46	3 33	14 6	1 28	12 24	1 0	20 22	0 18	19 37	0 35	9 19	1 43	4 6	14 31	18 31	18 7	13 37	8 49	1 37
W 9	22 24	26 31	3 3	17 43	0 37	16 58	3 33	14 14	1 29	12 20	0 59	20 23	0 19	19 37	0 35	9 19	1 43	4 6	14 31	18 30	18 6	13 34	8 50	1 37
T 10	22 17	26 40	3 58	17 12	0 27	17 9	3 32	14 22	1 30	12 16	0 59	20 24	0 19	19 36	0 35	9 19	1 43	4 6	14 31	18 28	18 5	13 31	8 50	1 37
F 11	22 9	24 59	4 39	16 42	0 17	17 20	3 31	14 30	1 31	12 12	0 59	20 25	0 19	19 35	0 35	9 19	1 43	4 6	14 32	18 26	18 5	13 29	8 50	1 37
S 12	22 1	21 33	5 1	16 11	0 7	17 32	3 30	14 38	1 32	12 8	0 59	20 26	0 19	19 34	0 35	9 20	1 43	4 6	14 32	18 24	18 4	13 26	8 51	1 37
S 13	21 53	16 44	5 3	15 40	0s 3	17 43	3 29	14 47	1 33	12 4	0 59	20 27	0 19	19 33	0 35	9 20	1 43	4 5	14 32	18 22	18 3	13 23	8 51	1 37
M14	21 44	10 57	4 44	15 10	0 14	17 54	3 28	14 55	1 33	12 0	0 59	20 28	0 19	19 32	0 35	9 20	1 43	4 5	14 32	18 21	18 2	13 20	8 51	1 37
T 15	21 35	4 39	4 8	14 40	0 26	18 5	3 27	15 4	1 34	11 56	0 59	20 29	0 19	19 31	0 35	9 20	1 43	4 5	14 33	18 19	18 1	13 18	8 51	1 37
W16	21 25	1n47	3 16	14 10	0 37	18 16	3 25	15 12	1 35	11 51	0 59	20 30	0 19	19 30	0 35	9 20	1 44	4 5	14 33	18 19	18 0	13 15	8 51	1 37
T 17	21 15	7 58	2 14	13 41	0 49	18 26	3 23	15 21	1 36	11 47	0 59	20 31	0 19	19 30	0 35	9 20	1 44	4 5	14 33	18 19	18 0	13 12	8 51	1 37
F 18	21 5	13 40	1 6	13 12	1 1	18 37	3 22	15 30	1 37	11 43	0 59	20 33	0 19	19 29	0 35	9 21	1 44	4 5	14 33	18 19	17 59	13 9	8 52	1 37
S 19	20 54	18 36	0n 4	12 44	1 14	18 47	3 20	15 39	1 38	11 39	0 59	20 34	0 19	19 28	0 35	9 21	1 44	4 5	14 33	18 19	17 58	13 6	8 52	1 37
S 20	20 43	22 31	1 13	12 17	1 26	18 57	3 18	15 48	1 38	11 35	0 59	20 35	0 20	19 27	0 35	9 21	1 44	4 5	14 34	18 19	17 57	13 4	8 52	1 37
M21	20 32	25 15	2 17	11 50	1 39	19 6	3 16	15 57	1 39	11 30	0 59	20 36	0 20	19 26	0 35	9 21	1 44	4 5	14 34	18 18	17 56	13 1	8 52	1 37
T 22	20 20	26 40	3 13	11 25	1 52	19 16	3 14	16 6	1 40	11 26	0 59	20 37	0 20	19 25	0 35	9 21	1 44	4 5	14 34	18 16	17 55	12 58	8 52	1 37
W23	20 8	26 41	3 58	11 0	2 5	19 25	3 11	16 15	1 41	11 22	0 59	20 38	0 20	19 24	0 35	9 21	1 44	4 5	14 34	18 14	17 55	12 55	8 52	1 37
T 24	19 56	25 23	4 32	10 37	2 18	19 34	3 9	16 24	1 41	11 17	0 59	20 39	0 20	19 23	0 35	9 21	1 44	4 5	14 35	18 12	17 54	12 52	8 52	1 37
F 25	19 43	22 55	4 53	10 15	2 31	19 42	3 6	16 34	1 42	11 13	0 59	20 40	0 20	19 22	0 35	9 21	1 44	4 5	14 35	18 8	17 53	12 50	8 52	1 37
S 26	19 30	19 28	5 1	9 55	2 45	19 51	3 4	16 43	1 43	11 9	0 59	20 41	0 20	19 21	0 35	9 21	1 44	4 4	14 35	18 5	17 52	12 47	8 52	1 37
S 27	19 17	15 15	4 55	9 36	2 58	19 58	3 1	16 52	1 43	11 4	0 59	20 42	0 20	19 20	0 35	9 21	1 44	4 4	14 35	18 2	17 51	12 44	8 52	1 37
M28	19 3	10 30	4 37	9 19	3 10	20 6	2 58	17 2	1 44	11 0	0 59	20 43	0 20	19 20	0 35	9 21	1 44	4 4	14 36	17 59	17 50	12 41	8 52	1 37
T 29	18 49	5 22	4 7	9 4	3 23	20 13	2 56	17 11	1 45	10 55	0 59	20 44	0 20	19 19	0 35	9 21	1 44	4 4	14 36	17 57	17 50	12 38	8 51	1 37
W30	18 35	0 2	3 26	8 51	3 35	20 20	2 53	17 21	1 45	10 51	0 59	20 45	0 20	19 18	0 35	9 21	1 44	4 4	14 36	17 55	17 49	12 36	8 51	1 37
T 31	18n20	5s21	2n35	8n40	3s47	20n27	2s50	17s30	1s46	10n47	0n59	20s46	0s20	19n17	0n35	9n21	1s44	4n 4	14s37	17n54	17n48	12n33	8n51	1n37

Julian Day Number = 2405340.5, Delta T = -0.41 sec
Ecliptic obliquity = 23°27'26, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°58'25, Lahiri = 22°05'26

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ASTRODIENST EPHEMERIS for the year 1873
geocentric

AUGUST 1873 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 38 41	8♌45'17	1♏54	27°R47	23♊58	13♏43	4♍43	28°R41	6♌21	28°R35	21♉42	20°R33	20♉ 6	9♍31	18°R45	F 1
S 2	20 42 37	9°42'43	14°16	27♌36	25° 1	14°13	4°55	28♋36	6°25	28♈35	21°42	20♉33	20° 3	9°38	18♈44	S 2
S 3	20 46 34	10°40'10	26°59	27°20	26° 4	14°43	5° 7	28°32	6°28	28°35	21°42	20°33	20° 0	9°44	18°44	S 3
M 4	20 50 30	11°37'38	10♐ 6	26°58	27° 8	15°14	5°20	28°28	6°32	28°35	21°43	20°31	19°57	9°51	18°43	M 4
T 5	20 54 27	12°35'06	23°41	26°32	28°12	15°44	5°32	28°24	6°36	28°34	21°43	20°28	19°54	9°58	18°42	T 5
W 6	20 58 23	13°32'35	7♋47	26° 1	29°16	16°15	5°45	28°19	6°40	28°34	21°43	20°23	19°50	10° 5	18°41	W 6
T 7	21 2 20	14°30'06	22°20	25°25	0♌20	16°47	5°57	28°15	6°43	28°34	21°44	20°15	19°47	10°11	18°41	T 7
F 8	21 6 17	15°27'37	7♒16	24°46	1°24	17°18	6°10	28°11	6°47	28°34	21°44	20° 5	19°44	10°18	18°40	F 8
S 9	21 10 13	16°25'09	22°26	24° 3	2°29	17°50	6°22	28° 7	6°51	28°34	21°44	19°54	19°41	10°25	18°39	S 9
S 10	21 14 10	17°22'42	7♓40	23°16	3°34	18°22	6°35	28° 3	6°54	28°33	21°45	19°43	19°38	10°31	18°38	S 10
M11	21 18 6	18°20'16	22°47	22°28	4°39	18°55	6°48	27°59	6°58	28°33	21°45	19°34	19°35	10°38	18°37	M11
T 12	21 22 3	19°17'52	7♈37	21°39	5°44	19°27	7° 0	27°55	7° 2	28°33	21°45	19°28	19°31	10°45	18°36	T 12
W13	21 25 59	20°15'29	22° 5	20°49	6°50	20° 0	7°13	27°51	7° 5	28°32	21°45	19°24	19°28	10°52	18°35	W13
T 14	21 29 56	21°13'08	6♉ 8	19°59	7°56	20°34	7°26	27°47	7° 9	28°32	21°45	19°23	19°25	10°58	18°34	T 14
F 15	21 33 52	22°10'49	19°45	19°11	9° 2	21° 7	7°38	27°43	7°12	28°32	21°46	19°22	19°22	11° 5	18°32	F 15
S 16	21 37 49	23° 8'31	2♊59	18°26	10° 8	21°41	7°51	27°39	7°16	28°31	21°46	19°22	19°19	11°12	18°31	S 16
S 17	21 41 46	24° 6'14	15°53	17°44	11°14	22°14	8° 4	27°35	7°20	28°31	21°46	19°21	19°15	11°18	18°30	S 17
M18	21 45 42	25° 4'00	28°31	17° 6	12°21	22°49	8°17	27°32	7°23	28°30	21°46	19°18	19°12	11°25	18°28	M18
T 19	21 49 39	26° 1'47	10♋55	16°33	13°27	23°23	8°30	27°28	7°27	28°30	21°46	19°12	19° 9	11°32	18°27	T 19
W20	21 53 35	26°59'35	23°10	16° 7	14°34	23°58	8°42	27°25	7°30	28°29	21°46	19° 3	19° 6	11°38	18°26	W20
T 21	21 57 32	27°57'26	5♌16	15°47	15°41	24°32	8°55	27°21	7°34	28°28	21°46	18°51	19° 3	11°45	18°24	T 21
F 22	22 1 28	28°55'17	17°16	15°34	16°48	25° 7	9° 8	27°18	7°37	28°28	21°R46	18°38	19° 0	11°52	18°23	F 22
S 23	22 5 25	29°53'10	29°12	15°D28	17°56	25°43	9°21	27°14	7°41	28°27	21°46	18°24	18°56	11°59	18°21	S 23
S 24	22 9 22	0♍51'05	11♍ 4	15°30	19° 3	26°18	9°34	27°11	7°44	28°26	21°46	18°11	18°53	12° 5	18°19	S 24
M25	22 13 18	1°49'01	22°55	15°41	20°11	26°54	9°47	27° 8	7°48	28°26	21°46	17°59	18°50	12°12	18°18	M25
T 26	22 17 15	2°46'59	4♎45	15°59	21°19	27°30	10° 0	27° 4	7°51	28°25	21°46	17°50	18°47	12°19	18°16	T 26
W27	22 21 11	3°44'57	16°38	16°25	22°27	28° 6	10°13	27° 1	7°55	28°24	21°46	17°43	18°44	12°25	18°14	W27
T 28	22 25 8	4°42'58	28°36	17° 0	23°35	28°42	10°26	26°58	7°58	28°23	21°46	17°39	18°41	12°32	18°12	T 28
F 29	22 29 4	5°41'00	10♏44	17°42	24°43	29°19	10°39	26°55	8° 2	28°22	21°45	17°38	18°37	12°39	18°10	F 29
S 30	22 33 1	6°39'03	23° 5	18°32	25°52	29°55	10°52	26°52	8° 5	28°22	21°45	17°D37	18°34	12°46	18° 9	S 30
S 31	22 36 57	7♍37'07	5♐44	19♌29	27♋ 0	0♐32	11♍ 5	26♋49	8♌ 8	28♈21	21♉45	17°R38	18♉31	12♍52	18♈ 7	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n 5	10s37	1n37	8n32	3s58	20n33	2s47	17s40	1s46	10n42	0n59	20s47	0s21	19n16	0n35	9n21	1s45	4n 4	14s37	17n54	17n47	12n30	8n51	1n37
S 2	17 50	15 36	0 33	8 26	4 8	20 38	2 44	17 49	1 47	10 37	0 59	20 48	0 21	19 15	0 35	9 21	1 45	4 3	14 37	17 54	17 46	12 27	8 51	1 37
S 3	17 34	20 3	0s34	8 22	4 18	20 44	2 40	17 59	1 48	10 33	0 59	20 48	0 21	19 14	0 35	9 21	1 45	4 3	14 37	17 54	17 45	12 24	8 51	1 37
M 4	17 19	23 39	1 41	8 21	4 27	20 48	2 37	18 8	1 48	10 28	0 59	20 49	0 21	19 13	0 35	9 21	1 45	4 3	14 38	17 54	17 44	12 21	8 50	1 37
T 5	17 3	26 4	2 46	8 23	4 34	20 53	2 34	18 18	1 49	10 24	0 59	20 50	0 21	19 12	0 35	9 21	1 45	4 3	14 38	17 53	17 44	12 19	8 50	1 37
W 6	16 46	26 55	3 42	8 27	4 41	20 57	2 31	18 27	1 49	10 19	0 59	20 51	0 21	19 11	0 35	9 21	1 45	4 3	14 38	17 51	17 43	12 16	8 50	1 37
T 7	16 30	25 58	4 26	8 34	4 45	21 0	2 27	18 37	1 49	10 15	0 59	20 52	0 21	19 10	0 35	9 20	1 45	4 3	14 38	17 49	17 42	12 13	8 49	1 37
F 8	16 13	23 11	4 53	8 44	4 49	21 3	2 24	18 46	1 50	10 10	0 59	20 53	0 21	19 9	0 35	9 20	1 45	4 2	14 39	17 47	17 41	12 10	8 49	1 37
S 9	15 56	18 46	5 0	8 56	4 51	21 6	2 20	18 56	1 50	10 5	0 59	20 54	0 21	19 9	0 35	9 20	1 45	4 2	14 39	17 44	17 40	12 7	8 49	1 37
S 10	15 38	13 7	4 46	9 11	4 51	21 8	2 17	19 5	1 51	10 1	0 59	20 55	0 21	19 8	0 35	9 20	1 45	4 2	14 39	17 41	17 39	12 4	8 48	1 37
M11	15 21	6 43	4 12	9 28	4 49	21 10	2 13	19 14	1 51	9 56	0 59	20 56	0 21	19 7	0 35	9 20	1 45	4 2	14 40	17 38	17 38	12 2	8 48	1 37
T 12	15 3	0 3	3 21	9 48	4 45	21 11	2 9	19 24	1 52	9 51	0 59	20 57	0 21	19 6	0 35	9 20	1 45	4 2	14 40	17 37	17 38	11 59	8 48	1 37
W13	14 45	6n28	2 19	10 9	4 40	21 11	2 6	19 33	1 52	9 46	0 59	20 58	0 21	19 5	0 35	9 19	1 45	4 1	14 40	17 36	17 37	11 56	8 47	1 37
T 14	14 26	12 29	1 9	10 31	4 33	21 11	2 2	19 42	1 52	9 42	0 59	20 58	0 22	19 4	0 35	9 19	1 45	4 1	14 40	17 35	17 36	11 53	8 47	1 37
F 15	14 8	17 43	0n 2	10 54	4 23	21 11	1 58	19 52	1 53	9 37	0 59	20 59	0 22	19 3	0 35	9 19	1 45	4 1	14 41	17 35	17 35	11 50	8 46	1 37
S 16	13 49	21 56	1 11	11 19	4 13	21 10	1 55	20 1	1 53	9 32	0 59	21 0	0 22	19 2	0 35	9 19	1 45	4 1	14 41	17 35	17 34	11 47	8 46	1 37
S 17	13 30	24 57	2 15	11 43	4 0	21 9	1 51	20 10	1 53	9 27	0 59	21 1	0 22	19 1	0 35	9 19	1 45	4 0	14 41	17 35	17 33	11 44	8 45	1 37
M18	13 11	26 38	3 11	12 8	3 46	21 7	1 47	20 19	1 54	9 23	0 59	21 2	0 22	19 0	0 35	9 18	1 46	4 0	14 41	17 34	17 32	11 41	8 45	1 37
T 19	12 51	26 56	3 56	12 32	3 31	21 4	1 43	20 28	1 54	9 18	0 59	21 2	0 22	18 59	0 35	9 18	1 46	4 0	14 42	17 32	17 31	11 39	8 44	1 37
W20	12 31	25 54	4 30	12 55	3 15	21 1	1 39	20 37	1 54	9 13	0 59	21 3	0 22	18 59	0 35	9 18	1 46	4 0	14 42	17 30	17 31	11 36	8 44	1 37
T 21	12 12	23 41	4 52	13 17	2 58	20 57	1 35	20 46	1 54	9 8	0 59	21 4	0 22	18 58	0 35	9 18	1 46	3 59	14 42	17 27	17 30	11 33	8 43	1 37
F 22	11 51	20 25	5 0	13 37	2 41	20 53	1 31	20 55	1 55	9 3	0 59	21 5	0 22	18 57	0 35	9 17	1 46	3 59	14 43	17 23	17 29	11 30	8 43	1 37
S 23	11 31	16 21	4 55	13 56	2 23	20 49	1 27	21 4	1 55	8 59	0 59	21 5	0 22	18 56	0 35	9 17	1 46	3 59	14 43	17 19	17 28	11 27	8 42	1 37
S 24	11 11	11 41	4 37	14 13	2 4	20 43	1 24	21 12	1 55	8 54	0 59	21 6	0 22	18 55	0 35	9 17	1 46	3 59	14 43	17 15	17 27	11 24	8 41	1 37
M25	10 50	6 36	4 7	14 28	1 46	20 38	1 20	21 21	1 55	8 49	0 59	21 7	0 22	18 54	0 35	9 16	1 46	3 58	14 43	17 12	17 26	11 21	8 41	1 37
T 26	10 29	1 16	3 26	14 39	1 28	20 31	1 16	21 30	1 56	8 44	0 59	21 8	0 22	18 53	0 35	9 16	1 46	3 58	14 44	17 10	17 25	11 18	8 40	1 37
W27	10 8	4s 8	2 36	14 49	1 10	20 24	1 12	21 38	1 56	8 39	0 59	21 8	0 22	18 52	0 35	9 16	1 46	3 58	14 44	17 8	17 25	11 15	8 39	1 37
T 28	9 47	9 26	1 39	14 55	0 53	20 17	1 8	21 46	1 56	8 34	0 59	21 9	0 22	18 52	0 35	9 15	1 46	3 57	14 44	17 7	17 24	11 12	8 39	1 37
F 29	9 26	14 28	0 37	14 58	0 36	20 9	1 4	21 54	1 56	8 29	0 59	21 9	0 23	18 51	0 35	9 15	1 46	3 57	14 44	17 6	17 23	11 9	8 38	1 37
S 30	9 5	19 1	0s29	14 58	0 20	20 0	1 0	22 3	1 56	8 24	0 59	21 10	0 23	18 50	0 35	9 15	1 46	3 57	14 45	17 6	17 22	11 7	8 37	1 37
S 31	8n43	22s50	1s35	14n55	0s 4	19n51	0s56	22s11	1s56	8n19	0n59	21s11	0s23	18n49	0n35	9n14	1s46	3n57	14s45	17n 6	17n21	11n 4	8n36	1n37

Julian Day Number = 2405371.5, Delta T = -0.46 sec
Ecliptic obliquity = 23°27'26, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°58'30, Lahiri = 22°05'30

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ASTRODIENST EPHEMERIS for the year 1873
geocentric

SEPTEMBER 1873 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 40 54	8♍35'14	18♐46	20♌34	28♋ 9	1♐10	11♍18	26°R47	8♌12	28°R20	21°R45	17°R37	18♉28	12♍59	18°R 5	M 1
T 2	22 44 50	9°33'21	2♑16	21°45	29°18	1°47	11°31	26♑44	8°15	28♈19	21♉45	17♉35	18°25	13° 6	18♈ 3	T 2
W 3	22 48 47	10°31'30	16°14	23° 2	0♌27	2°24	11°44	26°41	8°18	28°18	21°44	17°31	18°21	13°12	18° 1	W 3
T 4	22 52 44	11°29'40	0♒42	24°24	1°36	3° 2	11°57	26°39	8°21	28°17	21°44	17°24	18°18	13°19	17°58	T 4
F 5	22 56 40	12°27'52	15°35	25°52	2°45	3°40	12°10	26°37	8°25	28°16	21°44	17°16	18°15	13°26	17°56	F 5
S 6	23 0 37	13°26'06	0♓47	27°25	3°55	4°18	12°23	26°34	8°28	28°15	21°44	17° 6	18°12	13°33	17°54	S 6
S 7	23 4 33	14°24'21	16° 7	29° 1	5° 4	4°56	12°36	26°32	8°31	28°14	21°43	16°57	18° 9	13°39	17°52	S 7
M 8	23 8 30	15°22'37	1♈23	0♍42	6°14	5°34	12°49	26°30	8°34	28°13	21°43	16°50	18° 6	13°46	17°50	M 8
T 9	23 12 26	16°20'56	16°26	2°25	7°24	6°13	13° 2	26°28	8°37	28°11	21°42	16°44	18° 2	13°53	17°47	T 9
W10	23 16 23	17°19'17	1♉ 6	4°11	8°33	6°51	13°15	26°26	8°40	28°10	21°42	16°41	17°59	13°59	17°45	W10
T 11	23 20 19	18°17'40	15°20	5°59	9°43	7°30	13°28	26°24	8°44	28° 9	21°42	16°D40	17°56	14° 6	17°43	T 11
F 12	23 24 16	19°16'05	29° 5	7°48	10°54	8° 9	13°41	26°22	8°47	28° 8	21°41	16°40	17°53	14°13	17°40	F 12
S 13	23 28 13	20°14'32	12♊24	9°39	12° 4	8°48	13°54	26°20	8°50	28° 7	21°41	16°41	17°50	14°20	17°38	S 13
S 14	23 32 9	21°13'01	25°19	11°30	13°14	9°28	14° 7	26°19	8°53	28° 5	21°40	16°R41	17°47	14°26	17°36	S 14
M15	23 36 6	22°11'33	7♋54	13°23	14°25	10° 7	14°20	26°17	8°56	28° 4	21°40	16°40	17°43	14°33	17°33	M15
T 16	23 40 2	23°10'07	20°13	15°15	15°35	10°47	14°33	26°16	8°58	28° 3	21°39	16°36	17°40	14°40	17°31	T 16
W17	23 43 59	24° 8'43	2♌21	17° 8	16°46	11°26	14°46	26°14	9° 1	28° 2	21°39	16°31	17°37	14°46	17°28	W17
T 18	23 47 55	25° 7'21	14°21	19° 0	17°57	12° 6	14°59	26°13	9° 4	28° 0	21°38	16°23	17°34	14°53	17°26	T 18
F 19	23 51 52	26° 6'01	26°15	20°52	19° 8	12°46	15°11	26°12	9° 7	27°59	21°38	16°14	17°31	15° 0	17°23	F 19
S 20	23 55 48	27° 4'43	8♍ 7	22°44	20°19	13°26	15°24	26°11	9°10	27°57	21°37	16° 4	17°27	15° 6	17°21	S 20
S 21	23 59 45	28° 3'27	19°58	24°35	21°30	14° 7	15°37	26°10	9°12	27°56	21°37	15°55	17°24	15°13	17°18	S 21
M22	0 3 42	29° 2'13	1♎50	26°26	22°41	14°47	15°50	26° 9	9°15	27°55	21°36	15°46	17°21	15°20	17°15	M22
T 23	0 7 38	0♎ 1'01	13°44	28°16	23°53	15°28	16° 3	26° 8	9°18	27°53	21°35	15°40	17°18	15°27	17°13	T 23
W24	0 11 35	0°59'51	25°43	0♏ 5	25° 4	16° 8	16°16	26° 7	9°20	27°52	21°35	15°36	17°15	15°33	17°10	W24
T 25	0 15 31	1°58'43	7♏49	1°53	26°16	16°49	16°28	26° 7	9°23	27°50	21°34	15°34	17°12	15°40	17° 7	T 25
F 26	0 19 28	2°57'37	20° 3	3°40	27°27	17°30	16°41	26° 6	9°26	27°49	21°33	15°D34	17° 8	15°47	17° 5	F 26
S 27	0 23 24	3°56'33	2♐30	5°27	28°39	18°12	16°54	26° 6	9°28	27°47	21°33	15°35	17° 5	15°53	17° 2	S 27
S 28	0 27 21	4°55'30	15°12	7°12	29°51	18°53	17° 7	26° 6	9°31	27°46	21°32	15°36	17° 2	16° 0	16°59	S 28
M29	0 31 17	5°54'30	28°14	8°57	1♍ 3	19°34	17°19	26° 5	9°33	27°44	21°31	15°37	16°59	16° 7	16°56	M29
T 30	0 35 14	6♎53'31	11♑38	10♎41	2♍15	20♐16	17♍32	26°D 5	9♌35	27♈43	21♉30	15°R37	16♉56	16♍14	16♈54	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n21	25s36	2s38	14n49	0n11	19n42	0s52	22s18	1s57	8n15	0n59	21s11	0s23	18n48	0n35	9n14	1s46	3n56	14s45	17n 6	17n20	11n 1	8n36	1n37
T 2	8 0	27 0	3 34	14 39	0 24	19 32	0 48	22 26	1 57	8 10	0 59	21 12	0 23	18 47	0 36	9 14	1 46	3 56	14 46	17 5	17 19	10 58	8 35	1 37
W 3	7 38	26 46	4 20	14 26	0 37	19 21	0 44	22 34	1 57	8 5	0 59	21 12	0 23	18 46	0 36	9 13	1 46	3 56	14 46	17 4	17 18	10 55	8 34	1 37
T 4	7 15	24 44	4 51	14 10	0 49	19 10	0 41	22 41	1 57	8 0	0 59	21 13	0 23	18 46	0 36	9 13	1 46	3 55	14 46	17 2	17 18	10 52	8 33	1 37
F 5	6 53	21 0	5 3	13 50	0 59	18 58	0 37	22 49	1 57	7 55	0 59	21 13	0 23	18 45	0 36	9 12	1 46	3 55	14 46	17 0	17 17	10 49	8 32	1 37
S 6	6 31	15 48	4 55	13 27	1 9	18 45	0 33	22 56	1 57	7 50	0 59	21 14	0 23	18 44	0 36	9 12	1 47	3 55	14 47	16 57	17 16	10 46	8 32	1 37
S 7	6 9	9 33	4 25	13 2	1 17	18 33	0 29	23 3	1 57	7 45	0 59	21 14	0 23	18 43	0 36	9 12	1 47	3 54	14 47	16 55	17 15	10 43	8 31	1 37
M 8	5 46	2 46	3 37	12 33	1 25	18 19	0 25	23 10	1 57	7 40	0 59	21 15	0 23	18 42	0 36	9 11	1 47	3 54	14 47	16 53	17 14	10 40	8 30	1 37
T 9	5 23	4n 6	2 34	12 2	1 31	18 5	0 22	23 17	1 57	7 35	0 59	21 15	0 23	18 42	0 36	9 11	1 47	3 54	14 47	16 51	17 13	10 37	8 29	1 37
W10	5 1	10 35	1 22	11 29	1 37	17 51	0 18	23 24	1 57	7 30	0 59	21 16	0 23	18 41	0 36	9 10	1 47	3 53	14 48	16 50	17 12	10 34	8 28	1 37
T 11	4 38	16 20	0 7	10 53	1 41	17 36	0 14	23 30	1 57	7 25	0 59	21 16	0 23	18 40	0 36	9 10	1 47	3 53	14 48	16 50	17 11	10 31	8 27	1 37
F 12	4 15	21 3	1n 6	10 16	1 44	17 21	0 10	23 37	1 57	7 20	0 59	21 17	0 23	18 39	0 36	9 9	1 47	3 53	14 48	16 50	17 10	10 28	8 26	1 37
S 13	3 52	24 30	2 13	9 36	1 47	17 5	0 7	23 43	1 57	7 15	0 59	21 17	0 23	18 38	0 36	9 9	1 47	3 52	14 48	16 50	17 10	10 25	8 25	1 37
S 14	3 29	26 34	3 12	8 56	1 49	16 48	0 3	23 49	1 57	7 10	1 0	21 17	0 23	18 38	0 36	9 8	1 47	3 52	14 49	16 50	17 9	10 22	8 24	1 37
M15	3 6	27 12	3 59	8 13	1 49	16 32	0n 0	23 55	1 57	7 5	1 0	21 18	0 23	18 37	0 36	9 8	1 47	3 52	14 49	16 50	17 8	10 19	8 23	1 37
T 16	2 43	26 27	4 35	7 30	1 49	16 14	0 4	24 0	1 57	7 0	1 0	21 18	0 24	18 36	0 36	9 7	1 47	3 51	14 49	16 49	17 7	10 16	8 22	1 37
W17	2 20	24 28	4 57	6 45	1 49	15 56	0 7	24 6	1 57	6 55	1 0	21 18	0 24	18 36	0 36	9 7	1 47	3 51	14 49	16 47	17 6	10 13	8 21	1 37
T 18	1 56	21 25	5 6	6 0	1 48	15 38	0 11	24 11	1 57	6 51	1 0	21 19	0 24	18 35	0 36	9 6	1 47	3 51	14 50	16 45	17 5	10 10	8 20	1 37
F 19	1 33	17 30	5 1	5 14	1 46	15 19	0 14	24 17	1 57	6 46	1 0	21 19	0 24	18 34	0 36	9 6	1 47	3 50	14 50	16 42	17 4	10 7	8 19	1 37
S 20	1 10	12 55	4 44	4 28	1 43	15 0	0 17	24 22	1 57	6 41	1 0	21 19	0 24	18 33	0 36	9 5	1 47	3 50	14 50	16 40	17 3	10 4	8 18	1 37
S 21	0 46	7 53	4 14	3 41	1 40	14 40	0 21	24 26	1 57	6 36	1 0	21 19	0 24	18 33	0 36	9 5	1 47	3 49	14 50	16 37	17 2	10 1	8 17	1 37
M22	0 23	2 32	3 34	2 54	1 37	14 20	0 24	24 31	1 56	6 31	1 0	21 20	0 24	18 32	0 36	9 4	1 47	3 49	14 50	16 34	17 2	9 58	8 16	1 37
T 23	0s 0	2s55	2 43	2 7	1 33	14 0	0 27	24 35	1 56	6 26	1 0	21 20	0 24	18 31	0 36	9 4	1 47	3 49	14 51	16 33	17 1	9 55	8 15	1 37
W24	0 24	8 19	1 45	1 20	1 29	13 39	0 30	24 40	1 56	6 21	1 0	21 20	0 24	18 31	0 36	9 3	1 47	3 48	14 51	16 31	17 0	9 52	8 14	1 37
T 25	0 47	13 28	0 42	0 32	1 24	13 18	0 33	24 44	1 56	6 16	1 0	21 20	0 24	18 30	0 36	9 3	1 47	3 48	14 51	16 31	16 59	9 49	8 13	1 37
F 26	1 11	18 10	0s24	0s15	1 19	12 56	0 36	24 48	1 56	6 11	1 0	21 20	0 24	18 29	0 36	9 2	1 47	3 48	14 51	16 31	16 58	9 46	8 12	1 36
S 27	1 34	22 9	1 31	1 2	1 14	12 34	0 39	24 51	1 56	6 6	1 0	21 20	0 24	18 29	0 36	9 1	1 47	3 47	14 52	16 31	16 57	9 43	8 11	1 36
S 28	1 58	25 11	2 34	1 49	1 9	12 12	0 42	24 55	1 55	6 1	1 1	21 20	0 24	18 28	0 36	9 1	1 47	3 47	14 52	16 31	16 56	9 40	8 10	1 36
M29	2 21	26 58	3 31	2 35	1 3	11 49	0 45	24 58	1 55	5 57	1 1	21 21	0 24	18 27	0 36	9 0	1 47	3 47	14 52	16 32	16 55	9 37	8 9	1 36
T 30	2s44	27s14	4s18	3s22	0n57	11n26	0n48	25s 1	1s55	5n52	1n 1	21s21	0s24	18n27	0n36	9n 0	1s47	3n46	14s52	16n32	16n54	9n34	8n 7	1n36

Julian Day Number = 2405402.5, Delta T = -0.50 sec
Ecliptic obliquity = 23°27'27, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°58'34, Lahiri = 22°05'34

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1873
geocentric

OCTOBER 1873 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 39 11	7♎52'34	25♏27	12♎24	3♍27	20♐57	17♍45	26♏ 5	9♑38	27°R41	21°R30	15°R36	16♉52	16♍20	16°R51	W 1
T 2	0 43 7	8°51'38	9♒41	14° 6	4°39	21°39	17°57	26° 5	9°40	27♈40	21♉29	15♉33	16°49	16°27	16♈48	T 2
F 3	0 47 4	9°50'44	24°19	15°47	5°52	22°21	18°10	26° 6	9°42	27°38	21°28	15°29	16°46	16°34	16°45	F 3
S 4	0 51 0	10°49'52	9♓16	17°28	7° 4	23° 3	18°22	26° 6	9°45	27°36	21°27	15°24	16°43	16°40	16°43	S 4
S 5	0 54 57	11°49'02	24°24	19° 8	8°16	23°45	18°35	26° 6	9°47	27°35	21°27	15°19	16°40	16°47	16°40	S 5
M 6	0 58 53	12°48'14	9♈33	20°46	9°29	24°27	18°47	26° 7	9°49	27°33	21°26	15°15	16°37	16°54	16°37	M 6
T 7	1 2 50	13°47'27	24°34	22°25	10°41	25° 9	18°59	26° 7	9°51	27°32	21°25	15°12	16°33	17° 0	16°34	T 7
W 8	1 6 46	14°46'43	9♉18	24° 2	11°54	25°52	19°12	26° 8	9°53	27°30	21°24	15°D10	16°30	17° 7	16°31	W 8
T 9	1 10 43	15°46'01	23°39	25°38	13° 7	26°34	19°24	26° 9	9°55	27°28	21°23	15°11	16°27	17°14	16°29	T 9
F 10	1 14 40	16°45'22	7♊33	27°14	14°20	27°17	19°36	26°10	9°57	27°27	21°22	15°12	16°24	17°21	16°26	F 10
S 11	1 18 36	17°44'45	21° 0	28°49	15°33	28° 0	19°49	26°11	9°59	27°25	21°21	15°13	16°21	17°27	16°23	S 11
S 12	1 22 33	18°44'10	4♋ 1	0♏24	16°46	28°43	20° 1	26°12	10° 1	27°23	21°20	15°15	16°18	17°34	16°20	S 12
M13	1 26 29	19°43'37	16°40	1°58	17°59	29°25	20°13	26°13	10° 3	27°22	21°19	15°R15	16°14	17°41	16°17	M13
T 14	1 30 26	20°43'07	29° 0	3°31	19°12	0♑ 8	20°25	26°15	10° 5	27°20	21°19	15°15	16°11	17°47	16°15	T 14
W15	1 34 22	21°42'39	11♌ 7	5° 3	20°25	0°52	20°37	26°16	10° 6	27°18	21°18	15°14	16° 8	17°54	16°12	W15
T 16	1 38 19	22°42'13	23° 4	6°35	21°38	1°35	20°49	26°17	10° 8	27°17	21°17	15°11	16° 5	18° 1	16° 9	T 16
F 17	1 42 15	23°41'49	4♍57	8° 6	22°52	2°18	21° 1	26°19	10°10	27°15	21°16	15° 8	16° 2	18° 7	16° 6	F 17
S 18	1 46 12	24°41'28	16°47	9°37	24° 5	3° 1	21°13	26°21	10°11	27°13	21°15	15° 5	15°58	18°14	16° 3	S 18
S 19	1 50 9	25°41'09	28°39	11° 7	25°19	3°45	21°25	26°23	10°13	27°12	21°14	15° 1	15°55	18°21	16° 1	S 19
M20	1 54 5	26°40'51	10♎35	12°36	26°32	4°28	21°36	26°24	10°14	27°10	21°13	14°58	15°52	18°28	15°58	M20
T 21	1 58 2	27°40'36	22°37	14° 5	27°46	5°12	21°48	26°26	10°16	27° 8	21°12	14°56	15°49	18°34	15°55	T 21
W22	2 1 58	28°40'23	4♏46	15°32	28°59	5°56	22° 0	26°29	10°17	27° 7	21°11	14°55	15°46	18°41	15°52	W22
T 23	2 5 55	29°40'12	17° 5	17° 0	0♎13	6°40	22°11	26°31	10°18	27° 5	21°10	14°D55	15°43	18°48	15°50	T 23
F 24	2 9 51	0♏40'03	29°35	18°26	1°27	7°24	22°23	26°33	10°20	27° 3	21° 9	14°55	15°39	18°54	15°47	F 24
S 25	2 13 48	1°39'56	12♐17	19°52	2°41	8° 8	22°34	26°35	10°21	27° 2	21° 8	14°56	15°36	19° 1	15°44	S 25
S 26	2 17 44	2°39'50	25°12	21°18	3°55	8°52	22°46	26°38	10°22	27° 0	21° 6	14°58	15°33	19° 8	15°42	S 26
M27	2 21 41	3°39'47	8♑22	22°42	5° 9	9°36	22°57	26°40	10°23	26°58	21° 5	14°59	15°30	19°14	15°39	M27
T 28	2 25 37	4°39'44	21°49	24° 6	6°23	10°20	23° 8	26°43	10°24	26°57	21° 4	14°59	15°27	19°21	15°36	T 28
W29	2 29 34	5°39'44	5♒34	25°29	7°37	11° 5	23°19	26°46	10°25	26°55	21° 3	15°R 0	15°24	19°28	15°34	W29
T 30	2 33 31	6°39'45	19°37	26°51	8°51	11°49	23°30	26°49	10°26	26°53	21° 2	14°59	15°20	19°35	15°31	T 30
F 31	2 37 27	7♏39'47	3♓57	28♏12	10♎ 5	12♑33	23♍41	26♑52	10♑27	26♈52	21♉ 1	14♉59	15♉17	19♍41	15♈29	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s 8	25s51	4s52	4s 7	0n51	11n 2	0n51	25s 4	1s55	5n47	1n 1	21s21	0s24	18n26	0n36	8n59	1s47	3n46	14s52	16n31	16n53	9n31	8n 6	1n36
T 2	3 31	22 48	5 10	4 53	0 45	10 38	0 53	25 6	1 55	5 42	1 1	21 21	0 24	18 26	0 36	8 59	1 47	3 45	14 52	16 31	16 53	9 28	8 5	1 36
F 3	3 54	18 15	5 7	5 38	0 38	10 14	0 56	25 8	1 54	5 37	1 1	21 21	0 24	18 25	0 36	8 58	1 47	3 45	14 53	16 29	16 52	9 25	8 4	1 36
S 4	4 17	12 30	4 45	6 23	0 32	9 50	0 58	25 11	1 54	5 32	1 1	21 21	0 24	18 24	0 36	8 57	1 47	3 45	14 53	16 28	16 51	9 22	8 3	1 36
S 5	4 41	5 56	4 2	7 7	0 25	9 25	1 1	25 12	1 54	5 28	1 1	21 21	0 24	18 24	0 36	8 57	1 47	3 44	14 53	16 26	16 50	9 19	8 2	1 36
M 6	5 4	1n 0	3 2	7 50	0 18	9 0	1 3	25 14	1 54	5 23	1 1	21 21	0 24	18 23	0 37	8 56	1 48	3 44	14 53	16 25	16 49	9 16	8 1	1 36
T 7	5 27	7 49	1 50	8 33	0 11	8 35	1 6	25 15	1 53	5 18	1 1	21 20	0 24	18 23	0 37	8 56	1 48	3 44	14 53	16 24	16 48	9 13	8 0	1 36
W 8	5 50	14 6	0 32	9 16	0 5	8 9	1 8	25 17	1 53	5 13	1 2	21 20	0 24	18 22	0 37	8 55	1 48	3 43	14 54	16 24	16 47	9 10	7 58	1 36
T 9	6 13	19 27	0n46	9 57	0s 2	7 43	1 10	25 18	1 53	5 9	1 2	21 20	0 25	18 22	0 37	8 55	1 48	3 43	14 54	16 24	16 46	9 7	7 57	1 36
F 10	6 35	23 33	2 0	10 39	0 9	7 17	1 12	25 18	1 52	5 4	1 2	21 20	0 25	18 21	0 37	8 54	1 48	3 42	14 54	16 24	16 45	9 4	7 56	1 36
S 11	6 58	26 13	3 4	11 19	0 16	6 51	1 14	25 19	1 52	4 59	1 2	21 20	0 25	18 21	0 37	8 53	1 48	3 42	14 54	16 25	16 44	9 1	7 55	1 35
S 12	7 21	27 20	3 57	11 59	0 23	6 24	1 16	25 19	1 52	4 55	1 2	21 20	0 25	18 20	0 37	8 53	1 48	3 42	14 54	16 25	16 43	8 58	7 54	1 35
M13	7 43	26 59	4 36	12 38	0 30	5 57	1 18	25 19	1 52	4 50	1 2	21 20	0 25	18 20	0 37	8 52	1 48	3 41	14 54	16 25	16 43	8 55	7 53	1 35
T 14	8 6	25 18	5 2	13 17	0 37	5 30	1 20	25 19	1 51	4 45	1 2	21 19	0 25	18 19	0 37	8 51	1 48	3 41	14 54	16 25	16 42	8 52	7 51	1 35
W15	8 28	22 28	5 13	13 54	0 44	5 3	1 22	25 18	1 51	4 41	1 2	21 19	0 25	18 19	0 37	8 51	1 48	3 41	14 55	16 25	16 41	8 49	7 50	1 35
T 16	8 50	18 44	5 11	14 31	0 51	4 36	1 23	25 17	1 50	4 36	1 2	21 19	0 25	18 19	0 37	8 50	1 48	3 40	14 55	16 24	16 40	8 46	7 49	1 35
F 17	9 12	14 17	4 56	15 8	0 58	4 8	1 25	25 16	1 50	4 31	1 3	21 19	0 25	18 18	0 37	8 50	1 48	3 40	14 55	16 23	16 39	8 43	7 48	1 35
S 18	9 34	9 20	4 28	15 43	1 4	3 40	1 26	25 15	1 50	4 27	1 3	21 18	0 25	18 18	0 37	8 49	1 48	3 40	14 55	16 22	16 38	8 40	7 47	1 35
S 19	9 56	4 1	3 48	16 18	1 11	3 12	1 28	25 14	1 49	4 22	1 3	21 18	0 25	18 17	0 37	8 48	1 48	3 39	14 55	16 21	16 37	8 37	7 46	1 35
M20	10 18	1s27	2 58	16 51	1 17	2 44	1 29	25 12	1 49	4 18	1 3	21 18	0 25	18 17	0 37	8 48	1 48	3 39	14 55	16 20	16 36	8 33	7 44	1 35
T 21	10 39	6 57	2 0	17 24	1 24	2 16	1 30	25 10	1 49	4 13	1 3	21 17	0 25	18 17	0 37	8 47	1 48	3 39	14 55	16 20	16 35	8 30	7 43	1 35
W22	11 1	12 15	0 56	17 56	1 30	1 48	1 31	25 7	1 48	4 9	1 3	21 17	0 25	18 16	0 37	8 47	1 48	3 38	14 55	16 19	16 34	8 27	7 42	1 34
T 23	11 22	17 9	0s12	18 28	1 36	1 20	1 33	25 5	1 48	4 4	1 3	21 17	0 25	18 16	0 37	8 46	1 48	3 38	14 55	16 19	16 33	8 24	7 41	1 34
F 24	11 43	21 23	1 20	18 58	1 42	0 51	1 34	25 2	1 47	4 0	1 4	21 16	0 25	18 16	0 37	8 45	1 48	3 38	14 56	16 20	16 32	8 21	7 40	1 34
S 25	12 4	24 41	2 26	19 27	1 48	0 23	1 35	24 59	1 47	3 56	1 4	21 16	0 25	18 16	0 37	8 45	1 48	3 37	14 56	16 20	16 31	8 18	7 39	1 34
S 26	12 24	26 47	3 25	19 55	1 54	0s 6	1 35	24 56	1 46	3 51	1 4	21 15	0 25	18 15	0 37	8 44	1 48	3 37	14 56	16 20	16 31	8 15	7 38	1 34
M27	12 45	27 26	4 15	20 23	1 59	0 34	1 36	24 52	1 46	3 47	1 4	21 15	0 25	18 15	0 37	8 44	1 48	3 37	14 56	16 20	16 30	8 12	7 37	1 34
T 28	13 5	26 29	4 52	20 49	2 4	1 3	1 37	24 48	1 45	3 42	1 4	21 14	0 25	18 15	0 37	8 43	1 48	3 36	14 56	16 21	16 29	8 9	7 35	1 34
W29	13 25	23 56	5 13	21 14	2 9	1 32	1 38	24 44	1 45	3 38	1 4	21 14	0 25	18 14	0 37	8 42	1 48	3 36	14 56	16 21	16 28	8 6	7 34	1 34
T 30	13 45	19 56	5 16	21 38	2 14	2 0	1 38	24 40	1 44	3 34	1 4	21 13	0 25	18 14	0 37	8 42	1 48	3 36	14 56	16 21	16 27	8 3	7 33	1 34
F 31	14s 5	14s43	5s 0	22s 1	2s19	2s29	1n39	24s35	1s44	3n30	1n 5	21s13	0s25	18n14	0n37	8n41	1s48	3n35	14s56	16n21	16n26	8n 0	7n32	1n34

Julian Day Number = 2405432.5, Delta T = -0.55 sec
Ecliptic obliquity = 23°27'27, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°58'38, Lahiri = 22°05'38

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ASTRODIENST EPHEMERIS for the year 1873
geocentric

NOVEMBER 1873 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 41 24	8♏39'51	18♓31	29♏31	11♎19	13♑18	23♍52	26♑55	10♌28	26°R50	21°R 0	14°R58	15♉14	19♍48	15°R26	S 1
S 2	2 45 20	9°39'57	3♈14	0♐50	12°33	14° 2	24° 3	26°58	10°29	26♈48	20♉59	14♉57	15°11	19°55	15♈23	S 2
M 3	2 49 17	10°40'04	18° 1	2° 8	13°47	14°47	24°14	27° 1	10°29	26°47	20°58	14°57	15° 8	20° 1	15°21	M 3
T 4	2 53 13	11°40'13	2♉44	3°24	15° 2	15°32	24°25	27° 4	10°30	26°45	20°57	14°57	15° 4	20° 8	15°19	T 4
W 5	2 57 10	12°40'24	17°16	4°38	16°16	16°17	24°35	27° 8	10°31	26°44	20°56	14°D57	15° 1	20°15	15°16	W 5
T 6	3 1 6	13°40'37	1♊31	5°51	17°30	17° 1	24°46	27°11	10°31	26°42	20°54	14°57	14°58	20°21	15°14	T 6
F 7	3 5 3	14°40'51	15°26	7° 2	18°45	17°46	24°56	27°15	10°32	26°40	20°53	14°R57	14°55	20°28	15°11	F 7
S 8	3 9 0	15°41'08	28°56	8°11	19°59	18°31	25° 7	27°18	10°32	26°39	20°52	14°57	14°52	20°35	15° 9	S 8
S 9	3 12 56	16°41'26	12♋ 2	9°18	21°14	19°16	25°17	27°22	10°33	26°37	20°51	14°57	14°49	20°42	15° 7	S 9
M10	3 16 53	17°41'46	24°46	10°22	22°29	20° 1	25°27	27°26	10°33	26°36	20°50	14°56	14°45	20°48	15° 4	M10
T 11	3 20 49	18°42'09	7♌11	11°23	23°43	20°47	25°37	27°30	10°33	26°34	20°49	14°56	14°42	20°55	15° 2	T 11
W12	3 24 46	19°42'33	19°20	12°20	24°58	21°32	25°47	27°34	10°33	26°33	20°48	14°D56	14°39	21° 2	15° 0	W12
T 13	3 28 42	20°42'59	1♍19	13°14	26°12	22°17	25°57	27°38	10°34	26°31	20°47	14°56	14°36	21° 8	14°58	T 13
F 14	3 32 39	21°43'26	13°11	14° 4	27°27	23° 2	26° 7	27°42	10°34	26°30	20°46	14°56	14°33	21°15	14°56	F 14
S 15	3 36 36	22°43'56	25° 1	14°48	28°42	23°48	26°16	27°46	10°34	26°28	20°44	14°57	14°30	21°22	14°54	S 15
S 16	3 40 32	23°44'27	6♎54	15°28	29°57	24°33	26°26	27°50	10°R34	26°27	20°43	14°58	14°26	21°28	14°52	S 16
M17	3 44 29	24°45'01	18°54	16° 1	1♏11	25°18	26°36	27°55	10°34	26°25	20°42	14°59	14°23	21°35	14°50	M17
T 18	3 48 25	25°45'35	1♏ 4	16°27	2°26	26° 4	26°45	27°59	10°34	26°24	20°41	15° 0	14°20	21°42	14°48	T 18
W19	3 52 22	26°46'12	13°26	16°46	3°41	26°49	26°54	28° 4	10°34	26°22	20°40	15°R 0	14°17	21°49	14°46	W19
T 20	3 56 18	27°46'50	26° 1	16°57	4°56	27°35	27° 3	28° 8	10°33	26°21	20°39	15° 0	14°14	21°55	14°44	T 20
F 21	4 0 15	28°47'30	8♐51	16°R59	6°11	28°21	27°12	28°13	10°33	26°20	20°38	14°59	14°10	22° 2	14°42	F 21
S 22	4 4 11	29°48'11	21°55	16°50	7°26	29° 6	27°21	28°18	10°33	26°18	20°37	14°57	14° 7	22° 9	14°40	S 22
S 23	4 8 8	0♐48'53	5♑14	16°32	8°41	29°52	27°30	28°23	10°32	26°17	20°35	14°55	14° 4	22°15	14°38	S 23
M24	4 12 5	1°49'36	18°45	16° 3	9°56	0♒38	27°39	28°27	10°32	26°16	20°34	14°53	14° 1	22°22	14°37	M24
T 25	4 16 1	2°50'21	2♒28	15°23	11°11	1°24	27°47	28°32	10°32	26°14	20°33	14°51	13°58	22°29	14°35	T 25
W26	4 19 58	3°51'07	16°21	14°32	12°26	2°10	27°56	28°37	10°31	26°13	20°32	14°49	13°55	22°35	14°33	W26
T 27	4 23 54	4°51'53	0♓23	13°31	13°41	2°55	28° 4	28°43	10°30	26°12	20°31	14°D48	13°51	22°42	14°32	T 27
F 28	4 27 51	5°52'40	14°32	12°22	14°56	3°41	28°12	28°48	10°30	26°11	20°30	14°48	13°48	22°49	14°30	F 28
S 29	4 31 47	6°53'29	28°46	11° 6	16°11	4°27	28°20	28°53	10°29	26° 9	20°29	14°49	13°45	22°55	14°29	S 29
S 30	4 35 44	7♐54'18	13♈ 3	9♐45	17♏26	5♒13	28♍28	28♑58	10♌28	26♈ 8	20♉28	14♉51	13♉42	23♍ 2	14♈27	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s24	8s36	4s24	22s23	2s23	2s58	1n39	24s31	1s43	3n26	1n 5	21s12	0s25	18n14	0n38	8n41	1s48	3n35	14s56	16n20	16n25	7n56	7n31	1n33
S 2	14 43	1 57	3 31	22 44	2 27	3 26	1 39	24 25	1 43	3 21	1 5	21 12	0 25	18 14	0 38	8 40	1 48	3 35	14 56	16 20	16 24	7 53	7 30	1 33
M 3	15 2	4n51	2 24	23 3	2 30	3 55	1 40	24 20	1 42	3 17	1 5	21 11	0 25	18 14	0 38	8 40	1 48	3 34	14 56	16 20	16 23	7 50	7 29	1 33
T 4	15 21	11 22	1 7	23 21	2 33	4 23	1 40	24 14	1 42	3 13	1 5	21 11	0 25	18 13	0 38	8 39	1 48	3 34	14 56	16 20	16 22	7 47	7 28	1 33
W 5	15 39	17 12	0n13	23 38	2 36	4 52	1 40	24 9	1 41	3 9	1 5	21 10	0 26	18 13	0 38	8 38	1 48	3 34	14 56	16 20	16 21	7 44	7 27	1 33
T 6	15 57	21 58	1 31	23 54	2 38	5 20	1 40	24 2	1 41	3 5	1 6	21 9	0 26	18 13	0 38	8 38	1 48	3 34	14 56	16 20	16 20	7 41	7 26	1 33
F 7	16 15	25 20	2 41	24 8	2 40	5 49	1 40	23 56	1 40	3 1	1 6	21 9	0 26	18 13	0 38	8 37	1 48	3 33	14 56	16 20	16 19	7 38	7 25	1 33
S 8	16 33	27 8	3 41	24 21	2 41	6 17	1 40	23 49	1 40	2 57	1 6	21 8	0 26	18 13	0 38	8 37	1 47	3 33	14 56	16 20	16 18	7 35	7 24	1 33
S 9	16 50	27 20	4 27	24 32	2 42	6 45	1 39	23 42	1 39	2 53	1 6	21 7	0 26	18 13	0 38	8 36	1 47	3 33	14 56	16 20	16 18	7 31	7 23	1 32
M10	17 7	26 4	4 58	24 42	2 42	7 13	1 39	23 35	1 39	2 49	1 6	21 7	0 26	18 13	0 38	8 36	1 47	3 32	14 56	16 20	16 17	7 28	7 22	1 32
T 11	17 24	23 33	5 14	24 50	2 42	7 41	1 39	23 28	1 38	2 46	1 6	21 6	0 26	18 13	0 38	8 35	1 47	3 32	14 56	16 20	16 16	7 25	7 21	1 32
W12	17 41	20 2	5 16	24 57	2 41	8 9	1 38	23 20	1 37	2 42	1 7	21 5	0 26	18 13	0 38	8 35	1 47	3 32	14 56	16 20	16 15	7 22	7 20	1 32
T 13	17 57	15 45	5 4	25 2	2 38	8 36	1 38	23 12	1 37	2 38	1 7	21 4	0 26	18 13	0 38	8 34	1 47	3 32	14 56	16 20	16 14	7 19	7 19	1 32
F 14	18 13	10 55	4 40	25 5	2 36	9 4	1 37	23 4	1 36	2 34	1 7	21 4	0 26	18 13	0 38	8 34	1 47	3 31	14 56	16 20	16 13	7 16	7 18	1 32
S 15	18 28	5 42	4 3	25 6	2 32	9 31	1 37	22 56	1 36	2 31	1 7	21 3	0 26	18 13	0 38	8 33	1 47	3 31	14 56	16 20	16 12	7 13	7 17	1 32
S 16	18 43	0 15	3 16	25 6	2 27	9 58	1 36	22 47	1 35	2 27	1 7	21 2	0 26	18 13	0 38	8 33	1 47	3 31	14 56	16 20	16 11	7 10	7 16	1 32
M17	18 58	5s15	2 20	25 3	2 21	10 25	1 35	22 38	1 34	2 23	1 8	21 1	0 26	18 13	0 38	8 32	1 47	3 31	14 56	16 21	16 10	7 6	7 15	1 31
T 18	19 13	10 39	1 16	24 59	2 13	10 51	1 34	22 29	1 34	2 20	1 8	21 0	0 26	18 13	0 38	8 32	1 47	3 31	14 56	16 21	16 9	7 3	7 14	1 31
W19	19 27	15 44	0 9	24 52	2 5	11 18	1 33	22 20	1 33	2 16	1 8	20 59	0 26	18 13	0 38	8 31	1 47	3 30	14 56	16 21	16 8	7 0	7 13	1 31
T 20	19 41	20 15	1s 1	24 43	1 55	11 44	1 32	22 10	1 33	2 13	1 8	20 59	0 26	18 13	0 38	8 31	1 47	3 30	14 56	16 21	16 7	6 57	7 12	1 31
F 21	19 54	23 54	2 8	24 32	1 44	12 9	1 31	22 1	1 32	2 9	1 8	20 58	0 26	18 13	0 38	8 30	1 47	3 30	14 56	16 21	16 6	6 54	7 12	1 31
S 22	20 7	26 22	3 10	24 19	1 31	12 35	1 30	21 50	1 31	2 6	1 9	20 57	0 26	18 13	0 38	8 30	1 47	3 30	14 56	16 20	16 5	6 51	7 11	1 31
S 23	20 20	27 24	4 3	24 2	1 16	13 0	1 29	21 40	1 31	2 3	1 9	20 56	0 26	18 13	0 38	8 29	1 47	3 29	14 56	16 19	16 4	6 48	7 10	1 31
M24	20 33	26 49	4 43	23 43	1 0	13 25	1 28	21 30	1 30	1 59	1 9	20 55	0 26	18 14	0 38	8 29	1 47	3 29	14 55	16 19	16 3	6 44	7 9	1 30
T 25	20 45	24 37	5 8	23 22	0 43	13 50	1 26	21 19	1 29	1 56	1 9	20 54	0 26	18 14	0 38	8 28	1 47	3 29	14 55	16 18	16 2	6 41	7 8	1 30
W26	20 56	20 57	5 15	22 58	0 24	14 14	1 25	21 8	1 29	1 53	1 9	20 53	0 26	18 14	0 39	8 28	1 47	3 29	14 55	16 18	16 2	6 38	7 8	1 30
T 27	21 7	16 5	5 4	22 31	0 5	14 38	1 23	20 57	1 28	1 50	1 10	20 52	0 26	18 14	0 39	8 28	1 47	3 29	14 55	16 17	16 1	6 35	7 7	1 30
F 28	21 18	10 18	4 34	22 2	0n15	15 1	1 22	20 45	1 27	1 47	1 10	20 51	0 26	18 14	0 39	8 27	1 47	3 29	14 55	16 17	16 0	6 32	7 6	1 30
S 29	21 29	3 58	3 47	21 32	0 36	15 25	1 20	20 34	1 27	1 44	1 10	20 50	0 26	18 15	0 39	8 27	1 47	3 28	14 55	16 18	15 59	6 29	7 5	1 30
S 30	21s39	2n36	2s46	21s 0	0n56	15s47	1n19	20s22	1s26	1n41	1n10	20s49	0s26	18n15	0n39	8n26	1s47	3n28	14s55	16n18	15n58	6n25	7n 5	1n30

Julian Day Number = 2405463.5, Delta T = -0.59 sec
Ecliptic obliquity = 23°27'27, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°58'42, Lahiri = 22°05'43

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ASTRODIENST EPHEMERIS for the year 1873
geocentric

DECEMBER 1873 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 39 40	8♐55'08	27♈21	8°R22	18♏41	5♒59	28♍36	29♋ 4	10°R28	26°R 7	20°R27	14♉52	13♉39	23♍ 9	14°R26	M 1
T 2	4 43 37	9°55'59	11♉35	7♐ 0	19°57	6°45	28°44	29° 9	10♌27	26♈ 6	20♉26	14°R53	13°36	23°16	14♈25	T 2
W 3	4 47 34	10°56'51	25°43	5°42	21°12	7°31	28°52	29°15	10°26	26° 5	20°25	14°52	13°32	23°22	14°24	W 3
T 4	4 51 30	11°57'44	9♊39	4°30	22°27	8°17	28°59	29°20	10°25	26° 4	20°24	14°51	13°29	23°29	14°22	T 4
F 5	4 55 27	12°58'38	23°20	3°26	23°42	9° 3	29° 6	29°26	10°24	26° 3	20°23	14°47	13°26	23°36	14°21	F 5
S 6	4 59 23	13°59'33	6♋44	2°31	24°57	9°49	29°13	29°31	10°23	26° 2	20°22	14°43	13°23	23°42	14°20	S 6
S 7	5 3 20	15° 0'29	19°48	1°48	26°12	10°36	29°20	29°37	10°22	26° 1	20°21	14°38	13°20	23°49	14°19	S 7
M 8	5 7 16	16° 1'26	2♌33	1°15	27°28	11°22	29°27	29°43	10°21	26° 0	20°20	14°33	13°16	23°56	14°18	M 8
T 9	5 11 13	17° 2'25	14°59	0°55	28°43	12° 8	29°34	29°49	10°19	25°59	20°19	14°28	13°13	24° 2	14°17	T 9
W10	5 15 9	18° 3'24	27°10	0°D45	29°58	12°54	29°41	29°55	10°18	25°58	20°18	14°24	13°10	24° 9	14°16	W10
T 11	5 19 6	19° 4'24	9♍10	0°45	1♐13	13°40	29°47	0♒ 1	10°17	25°57	20°17	14°22	13° 7	24°16	14°15	T 11
F 12	5 23 3	20° 5'26	21° 2	0°55	2°29	14°27	29°53	0° 7	10°15	25°56	20°16	14°D21	13° 4	24°22	14°15	F 12
S 13	5 26 59	21° 6'28	2♎52	1°15	3°44	15°13	29°59	0°13	10°14	25°56	20°15	14°22	13° 1	24°29	14°14	S 13
S 14	5 30 56	22° 7'32	14°45	1°42	4°59	15°59	0♎ 6	0°19	10°13	25°55	20°14	14°24	12°57	24°36	14°13	S 14
M15	5 34 52	23° 8'36	26°47	2°17	6°15	16°45	0°11	0°25	10°11	25°54	20°13	14°25	12°54	24°43	14°12	M15
T 16	5 38 49	24° 9'41	9♏ 0	2°58	7°30	17°32	0°17	0°31	10°10	25°53	20°12	14°R27	12°51	24°49	14°12	T 16
W17	5 42 45	25°10'47	21°30	3°45	8°45	18°18	0°23	0°37	10° 8	25°53	20°11	14°27	12°48	24°56	14°11	W17
T 18	5 46 42	26°11'54	4♐19	4°38	10° 1	19° 4	0°28	0°44	10° 6	25°52	20°10	14°25	12°45	25° 3	14°11	T 18
F 19	5 50 38	27°13'02	17°28	5°34	11°16	19°50	0°33	0°50	10° 5	25°51	20° 9	14°21	12°42	25° 9	14°11	F 19
S 20	5 54 35	28°14'10	0♑57	6°35	12°31	20°37	0°38	0°56	10° 3	25°51	20° 8	14°15	12°38	25°16	14°10	S 20
S 21	5 58 32	29°15'18	14°43	7°39	13°47	21°23	0°43	1° 3	10° 1	25°50	20° 8	14° 7	12°35	25°23	14°10	S 21
M22	6 2 28	0♑16'27	28°43	8°46	15° 2	22°10	0°48	1° 9	9°59	25°50	20° 7	13°59	12°32	25°29	14°10	M22
T 23	6 6 25	1°17'37	12♒53	9°56	16°18	22°56	0°52	1°16	9°58	25°49	20° 6	13°51	12°29	25°36	14°10	T 23
W24	6 10 21	2°18'46	27° 7	11° 9	17°33	23°42	0°57	1°22	9°56	25°49	20° 5	13°45	12°26	25°43	14°10	W24
T 25	6 14 18	3°19'55	11♓22	12°23	18°48	24°29	1° 1	1°29	9°54	25°48	20° 4	13°41	12°22	25°49	14°D 9	T 25
F 26	6 18 14	4°21'04	25°34	13°39	20° 4	25°15	1° 5	1°35	9°52	25°48	20° 3	13°39	12°19	25°56	14° 9	F 26
S 27	6 22 11	5°22'13	9♈41	14°57	21°19	26° 1	1° 9	1°42	9°50	25°48	20° 3	13°D38	12°16	26° 3	14°10	S 27
S 28	6 26 8	6°23'22	23°42	16°16	22°34	26°48	1°12	1°49	9°48	25°47	20° 2	13°39	12°13	26° 9	14°10	S 28
M29	6 30 4	7°24'31	7♉37	17°37	23°50	27°34	1°16	1°55	9°46	25°47	20° 1	13°R40	12°10	26°16	14°10	M29
T 30	6 34 1	8°25'40	21°24	18°59	25° 5	28°20	1°19	2° 2	9°44	25°47	20° 1	13°40	12° 7	26°23	14°10	T 30
W31	6 37 57	9♋26'48	5♊ 3	20♐21	26♐21	29♒ 7	1♎22	2♒ 9	9♌41	25♈46	20♉ 0	13♉38	12♉ 3	26♍30	14♈10	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s48	9n 4	1s35	20s28	1n16	16s10	1n17	20s10	1s25	1n38	1n10	20s48	0s27	18n15	0n39	8n26	1s47	3n28	14s55	16n19	15n57	6n22	7n 4	1n29
T 2	21 57	15 2	0 18	19 57	1 34	16 32	1 15	19 58	1 25	1 35	1 11	20 47	0 27	18 15	0 39	8 26	1 47	3 28	14 55	16 19	15 56	6 19	7 3	1 29
W 3	22 6	20 10	0n59	19 27	1 51	16 53	1 14	19 45	1 24	1 32	1 11	20 45	0 27	18 16	0 39	8 25	1 47	3 28	14 54	16 19	15 55	6 16	7 3	1 29
T 4	22 14	24 5	2 12	19 0	2 5	17 14	1 12	19 33	1 23	1 30	1 11	20 44	0 27	18 16	0 39	8 25	1 47	3 28	14 54	16 18	15 54	6 13	7 2	1 29
F 5	22 22	26 32	3 15	18 36	2 18	17 35	1 10	19 20	1 22	1 27	1 11	20 43	0 27	18 16	0 39	8 25	1 47	3 28	14 54	16 17	15 53	6 10	7 2	1 29
S 6	22 30	27 23	4 7	18 15	2 28	17 55	1 8	19 7	1 22	1 24	1 12	20 42	0 27	18 17	0 39	8 24	1 47	3 28	14 54	16 16	15 52	6 6	7 1	1 29
S 7	22 37	26 40	4 43	17 59	2 36	18 15	1 6	18 54	1 21	1 22	1 12	20 41	0 27	18 17	0 39	8 24	1 47	3 27	14 54	16 14	15 51	6 3	7 1	1 29
M 8	22 43	24 33	5 5	17 47	2 42	18 34	1 4	18 40	1 20	1 19	1 12	20 40	0 27	18 17	0 39	8 24	1 46	3 27	14 54	16 13	15 50	6 0	7 0	1 28
T 9	22 50	21 19	5 12	17 39	2 46	18 53	1 2	18 26	1 19	1 17	1 12	20 39	0 27	18 18	0 39	8 23	1 46	3 27	14 54	16 11	15 49	5 57	7 0	1 28
W10	22 55	17 13	5 4	17 35	2 48	19 11	1 0	18 13	1 19	1 14	1 13	20 37	0 27	18 18	0 39	8 23	1 46	3 27	14 53	16 10	15 48	5 54	6 59	1 28
T 11	23 0	12 31	4 43	17 35	2 48	19 28	0 58	17 59	1 18	1 12	1 13	20 36	0 27	18 18	0 39	8 23	1 46	3 27	14 53	16 10	15 47	5 50	6 59	1 28
F 12	23 5	7 24	4 11	17 38	2 47	19 45	0 56	17 45	1 17	1 10	1 13	20 35	0 27	18 19	0 39	8 23	1 46	3 27	14 53	16 10	15 46	5 47	6 58	1 28
S 13	23 10	2 1	3 27	17 44	2 45	20 2	0 54	17 30	1 16	1 7	1 13	20 34	0 27	18 19	0 39	8 22	1 46	3 27	14 53	16 10	15 45	5 44	6 58	1 28
S 14	23 13	3s27	2 35	17 53	2 41	20 18	0 52	17 16	1 16	1 5	1 14	20 32	0 27	18 20	0 39	8 22	1 46	3 27	14 53	16 10	15 44	5 41	6 57	1 27
M15	23 17	8 52	1 35	18 4	2 37	20 33	0 49	17 1	1 15	1 3	1 14	20 31	0 27	18 20	0 39	8 22	1 46	3 27	14 52	16 11	15 43	5 38	6 57	1 27
T 16	23 20	14 3	0 30	18 18	2 31	20 48	0 47	16 46	1 14	1 1	1 14	20 30	0 27	18 21	0 39	8 22	1 46	3 27	14 52	16 11	15 42	5 34	6 57	1 27
W17	23 22	18 46	0s38	18 32	2 25	21 2	0 45	16 31	1 13	0 59	1 14	20 29	0 27	18 21	0 39	8 21	1 46	3 27	14 52	16 11	15 41	5 31	6 56	1 27
T 18	23 24	22 45	1 46	18 48	2 19	21 16	0 43	16 16	1 13	0 57	1 15	20 27	0 27	18 21	0 39	8 21	1 46	3 27	14 52	16 10	15 41	5 28	6 56	1 27
F 19	23 26	25 40	2 49	19 5	2 12	21 29	0 40	16 1	1 12	0 55	1 15	20 26	0 27	18 22	0 39	8 21	1 46	3 27	14 52	16 9	15 40	5 25	6 56	1 27
S 20	23 27	27 12	3 45	19 22	2 5	21 41	0 38	15 45	1 11	0 54	1 15	20 25	0 27	18 22	0 39	8 21	1 46	3 27	14 51	16 7	15 39	5 22	6 55	1 27
S 21	23 27	27 5	4 28	19 40	1 57	21 53	0 36	15 30	1 10	0 52	1 15	20 23	0 27	18 23	0 39	8 21	1 46	3 27	14 51	16 5	15 38	5 18	6 55	1 26
M22	23 27	25 16	4 57	19 59	1 50	22 4	0 33	15 14	1 10	0 50	1 16	20 22	0 27	18 23	0 39	8 21	1 46	3 27	14 51	16 3	15 37	5 15	6 55	1 26
T 23	23 27	21 52	5 7	20 17	1 42	22 14	0 31	14 58	1 9	0 49	1 16	20 20	0 28	18 24	0 39	8 21	1 46	3 27	14 51	16 1	15 36	5 12	6 55	1 26
W24	23 26	17 10	4 59	20 35	1 34	22 24	0 28	14 42	1 8	0 47	1 16	20 19	0 28	18 24	0 40	8 20	1 46	3 27	14 51	15 59	15 35	5 9	6 54	1 26
T 25	23 25	11 30	4 32	20 53	1 25	22 33	0 26	14 26	1 7	0 46	1 16	20 18	0 28	18 25	0 40	8 20	1 46	3 27	14 50	15 57	15 34	5 6	6 54	1 26
F 26	23 23	5 16	3 49	21 11	1 17	22 42	0 23	14 9	1 6	0 45	1 17	20 16	0 28	18 26	0 40	8 20	1 46	3 27	14 50	15 57	15 33	5 2	6 54	1 26
S 27	23 21	1n12	2 52	21 28	1 9	22 49	0 21	13 53	1 6	0 43	1 17	20 15	0 28	18 26	0 40	8 20	1 46	3 27	14 50	15 57	15 32	4 59	6 54	1 25
S 28	23 18	7 35	1 45	21 45	1 1	22 56	0 19	13 36	1 5	0 42	1 17	20 13	0 28	18 27	0 40	8 20	1 45	3 27	14 50	15 57	15 31	4 56	6 54	1 25
M29	23 15	13 33	0 32	22 1	0 52	23 3	0 16	13 20	1 4	0 41	1 17	20 12	0 28	18 27	0 40	8 20	1 45	3 27	14 49	15 57	15 30	4 53	6 54	1 25
T 30	23 11	18 47	0n41	22 16	0 44	23 8	0 14	13 3	1 3	0 40	1 18	20 10	0 28	18 28	0 40	8 20	1 45	3 27	14 49	15 57	15 29	4 49	6 54	1 25
W31	23s 7	23n 0	1n52	22s30	0n36	23s13	0n11	12s46	1s 2	0n39	1n18	20s 9	0s28	18n28	0n40	8n20	1s45	3n27	14s49	15n57	15n28	4n46	6n54	1n25

Julian Day Number = 2405493.5, Delta T = -0.63 sec
Ecliptic obliquity = 23°27'27, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°58'46, Lahiri = 22°05'47

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ASTRODIENST EPHEMERIS for the year 1874
geocentric

JANUARY 1874 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 41 54	10♑27'57	18♊33	21♐45	27♐36	29♒53	1♎25	2♒16	9°R39	25°R46	19°R59	13°R33	12♉ 0	26♍36	14♈11	T 1
F 2	6 45 50	11°29'05	1♋52	23°10	28°51	0♓39	1°28	2°23	9♏37	25♈46	19♉59	13♉26	11°57	26°43	14°11	F 2
S 3	6 49 47	12°30'14	14°59	24°35	0♑ 7	1°26	1°31	2°29	9°35	25°46	19°58	13°16	11°54	26°50	14°12	S 3
S 4	6 53 43	13°31'22	27°51	26° 1	1°22	2°12	1°33	2°36	9°33	25°46	19°57	13° 5	11°51	26°56	14°12	S 4
M 5	6 57 40	14°32'30	10♌28	27°28	2°38	2°58	1°35	2°43	9°30	25°46	19°57	12°53	11°48	27° 3	14°13	M 5
T 6	7 1 37	15°33'39	22°51	28°56	3°53	3°45	1°37	2°50	9°28	25°D46	19°56	12°42	11°44	27°10	14°13	T 6
W 7	7 5 33	16°34'47	5♍ 0	0♑24	5° 8	4°31	1°39	2°57	9°26	25°46	19°56	12°32	11°41	27°16	14°14	W 7
T 8	7 9 30	17°35'55	16°58	1°52	6°24	5°17	1°41	3° 4	9°23	25°46	19°55	12°25	11°38	27°23	14°15	T 8
F 9	7 13 26	18°37'03	28°50	3°22	7°39	6° 3	1°42	3°11	9°21	25°46	19°54	12°21	11°35	27°30	14°16	F 9
S 10	7 17 23	19°38'11	10♎39	4°51	8°54	6°50	1°44	3°18	9°19	25°46	19°54	12°18	11°32	27°36	14°17	S 10
S 11	7 21 19	20°39'19	22°30	6°22	10°10	7°36	1°45	3°25	9°16	25°46	19°53	12°D18	11°28	27°43	14°17	S 11
M12	7 25 16	21°40'26	4♏30	7°53	11°25	8°22	1°46	3°32	9°14	25°46	19°53	12°18	11°25	27°50	14°18	M12
T 13	7 29 12	22°41'34	16°42	9°24	12°41	9° 8	1°46	3°39	9°11	25°47	19°53	12°R18	11°22	27°56	14°19	T 13
W14	7 33 9	23°42'42	29°14	10°56	13°56	9°55	1°47	3°46	9° 9	25°47	19°52	12°17	11°19	28° 3	14°21	W14
T 15	7 37 6	24°43'49	12♐ 8	12°28	15°11	10°41	1°47	3°53	9° 6	25°47	19°52	12°14	11°16	28°10	14°22	T 15
F 16	7 41 2	25°44'56	25°27	14° 1	16°27	11°27	1°R47	4° 1	9° 4	25°48	19°51	12° 7	11°13	28°16	14°23	F 16
S 17	7 44 59	26°46'03	9♑12	15°35	17°42	12°13	1°47	4° 8	9° 1	25°48	19°51	11°58	11° 9	28°23	14°24	S 17
S 18	7 48 55	27°47'09	23°20	17° 9	18°58	12°59	1°47	4°15	8°59	25°48	19°51	11°47	11° 6	28°30	14°25	S 18
M19	7 52 52	28°48'15	7♒47	18°43	20°13	13°45	1°47	4°22	8°56	25°49	19°50	11°35	11° 3	28°37	14°27	M19
T 20	7 56 48	29°49'19	22°26	20°18	21°28	14°31	1°46	4°29	8°53	25°49	19°50	11°23	11° 0	28°43	14°28	T 20
W21	8 0 45	0♒50'23	7♓ 8	21°54	22°44	15°17	1°45	4°36	8°51	25°50	19°50	11°13	10°57	28°50	14°30	W21
T 22	8 4 41	1°51'26	21°47	23°30	23°59	16° 4	1°44	4°43	8°48	25°50	19°49	11° 6	10°54	28°57	14°31	T 22
F 23	8 8 38	2°52'28	6♈16	25° 7	25°15	16°50	1°43	4°51	8°46	25°51	19°49	11° 1	10°50	29° 3	14°33	F 23
S 24	8 12 35	3°53'29	20°31	26°45	26°30	17°36	1°42	4°58	8°43	25°51	19°49	10°59	10°47	29°10	14°34	S 24
S 25	8 16 31	4°54'29	4♉32	28°23	27°45	18°22	1°40	5° 5	8°40	25°52	19°49	10°58	10°44	29°17	14°36	S 25
M26	8 20 28	5°55'27	18°17	0♒ 1	29° 1	19° 8	1°38	5°12	8°38	25°53	19°49	10°58	10°41	29°23	14°38	M26
T 27	8 24 24	6°56'24	1♊48	1°41	0♒16	19°53	1°36	5°19	8°35	25°54	19°49	10°57	10°38	29°30	14°40	T 27
W28	8 28 21	7°57'21	15° 7	3°21	1°31	20°39	1°34	5°26	8°33	25°54	19°48	10°54	10°34	29°37	14°41	W28
T 29	8 32 17	8°58'16	28°13	5° 2	2°47	21°25	1°32	5°34	8°30	25°55	19°48	10°48	10°31	29°43	14°43	T 29
F 30	8 36 14	9°59'09	11♋ 9	6°43	4° 2	22°11	1°29	5°41	8°27	25°56	19°48	10°38	10°28	29°50	14°45	F 30
S 31	8 40 11	11♒ 0'02	23♋55	8♒25	5♒17	22♓57	1♎27	5♒48	8♌25	25♈57	19♉48	10♉26	10♉25	29♍57	14♈47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 3	25n52	2n55	22s44	0n28	23s18	0n 9	12s29	1s 2	0n38	1n18	20s 7	0s28	18n29	0n40	8n20	1s45	3n27	14s48	15n55	15n27	4n43	6n54	1n25
F 2	22 58	27 15	3 48	22 57	0 20	23 21	0 6	12 12	1 1	0 37	1 19	20 6	0 28	18 30	0 40	8 20	1 45	3 27	14 48	15 53	15 26	4 40	6 54	1 25
S 3	22 52	27 3	4 28	23 8	0 12	23 24	0 4	11 55	1 0	0 36	1 19	20 4	0 28	18 30	0 40	8 20	1 45	3 28	14 48	15 50	15 25	4 37	6 54	1 24
S 4	22 46	25 23	4 53	23 19	0 5	23 26	0 1	11 37	0 59	0 36	1 19	20 3	0 28	18 31	0 40	8 20	1 45	3 28	14 48	15 47	15 24	4 33	6 54	1 24
M 5	22 40	22 29	5 3	23 29	0s 3	23 27	0s 1	11 20	0 58	0 35	1 19	20 1	0 28	18 32	0 40	8 20	1 45	3 28	14 47	15 43	15 23	4 30	6 54	1 24
T 6	22 33	18 37	4 59	23 37	0 10	23 28	0 4	11 2	0 58	0 34	1 20	20 0	0 28	18 32	0 40	8 20	1 45	3 28	14 47	15 40	15 22	4 27	6 54	1 24
W 7	22 26	14 2	4 41	23 45	0 18	23 28	0 6	10 45	0 57	0 34	1 20	19 58	0 28	18 33	0 40	8 20	1 45	3 28	14 47	15 37	15 21	4 24	6 54	1 24
T 8	22 18	8 59	4 10	23 51	0 25	23 27	0 9	10 27	0 56	0 33	1 20	19 57	0 28	18 34	0 40	8 20	1 45	3 28	14 47	15 35	15 20	4 20	6 54	1 24
F 9	22 10	3 40	3 30	23 56	0 32	23 25	0 11	10 9	0 55	0 33	1 21	19 55	0 28	18 34	0 40	8 20	1 45	3 28	14 46	15 33	15 19	4 17	6 55	1 23
S 10	22 1	1s46	2 40	24 0	0 38	23 23	0 14	9 51	0 54	0 33	1 21	19 54	0 29	18 35	0 40	8 20	1 45	3 29	14 46	15 32	15 18	4 14	6 55	1 23
S 11	21 52	7 10	1 43	24 3	0 45	23 20	0 16	9 33	0 54	0 33	1 21	19 52	0 29	18 35	0 40	8 20	1 45	3 29	14 46	15 32	15 17	4 11	6 55	1 23
M12	21 43	12 23	0 41	24 5	0 51	23 16	0 18	9 15	0 53	0 33	1 21	19 51	0 29	18 36	0 40	8 21	1 45	3 29	14 45	15 32	15 16	4 7	6 55	1 23
T 13	21 33	17 13	0s23	24 5	0 57	23 12	0 21	8 57	0 52	0 33	1 22	19 49	0 29	18 37	0 40	8 21	1 45	3 29	14 45	15 33	15 15	4 4	6 55	1 23
W14	21 22	21 27	1 29	24 4	1 3	23 7	0 23	8 39	0 51	0 33	1 22	19 47	0 29	18 38	0 40	8 21	1 44	3 29	14 45	15 32	15 14	4 1	6 56	1 23
T 15	21 12	24 46	2 31	24 1	1 9	23 1	0 25	8 21	0 50	0 33	1 22	19 46	0 29	18 38	0 40	8 21	1 44	3 29	14 44	15 31	15 13	3 58	6 56	1 23
F 16	21 1	26 50	3 27	23 57	1 15	22 54	0 28	8 2	0 49	0 33	1 22	19 44	0 29	18 39	0 40	8 21	1 44	3 30	14 44	15 29	15 12	3 54	6 56	1 22
S 17	20 49	27 21	4 14	23 52	1 20	22 47	0 30	7 44	0 49	0 33	1 23	19 42	0 29	18 40	0 40	8 21	1 44	3 30	14 44	15 26	15 11	3 51	6 57	1 22
S 18	20 37	26 7	4 45	23 46	1 25	22 39	0 32	7 25	0 48	0 34	1 23	19 41	0 29	18 40	0 40	8 22	1 44	3 30	14 44	15 23	15 10	3 48	6 57	1 22
M19	20 25	23 10	5 0	23 38	1 30	22 30	0 34	7 7	0 47	0 34	1 23	19 39	0 29	18 41	0 40	8 22	1 44	3 30	14 43	15 19	15 9	3 45	6 58	1 22
T 20	20 12	18 42	4 55	23 29	1 34	22 21	0 37	6 48	0 46	0 34	1 24	19 38	0 29	18 42	0 40	8 22	1 44	3 31	14 43	15 16	15 8	3 41	6 58	1 22
W21	19 59	13 5	4 31	23 18	1 39	22 11	0 39	6 30	0 45	0 35	1 24	19 36	0 29	18 42	0 40	8 22	1 44	3 31	14 43	15 12	15 7	3 38	6 58	1 22
T 22	19 46	6 46	3 49	23 6	1 43	22 0	0 41	6 11	0 45	0 36	1 24	19 34	0 29	18 43	0 40	8 23	1 44	3 31	14 42	15 10	15 6	3 35	6 59	1 22
F 23	19 32	0 9	2 52	22 52	1 46	21 48	0 43	5 53	0 44	0 36	1 24	19 33	0 29	18 44	0 40	8 23	1 44	3 31	14 42	15 9	15 5	3 32	6 59	1 21
S 24	19 18	6n23	1 46	22 37	1 50	21 36	0 45	5 34	0 43	0 37	1 25	19 31	0 29	18 44	0 40	8 23	1 44	3 31	14 42	15 8	15 4	3 28	7 0	1 21
S 25	19 3	12 30	0 34	22 21	1 53	21 24	0 47	5 15	0 42	0 38	1 25	19 29	0 30	18 45	0 40	8 23	1 44	3 32	14 41	15 8	15 3	3 25	7 0	1 21
M26	18 48	17 54	0n39	22 3	1 56	21 10	0 49	4 56	0 41	0 39	1 25	19 28	0 30	18 46	0 40	8 24	1 44	3 32	14 41	15 8	15 2	3 22	7 1	1 21
T 27	18 33	22 18	1 48	21 43	1 58	20 56	0 51	4 38	0 40	0 40	1 25	19 26	0 30	18 47	0 40	8 24	1 44	3 32	14 41	15 7	15 1	3 18	7 1	1 21
W28	18 18	25 26	2 50	21 22	2 0	20 42	0 53	4 19	0 40	0 41	1 26	19 24	0 30	18 47	0 40	8 24	1 44	3 33	14 40	15 6	15 0	3 15	7 2	1 21
T 29	18 2	27 8	3 42	21 0	2 2	20 27	0 55	4 0	0 39	0 42	1 26	19 23	0 30	18 48	0 40	8 25	1 44	3 33	14 40	15 5	14 59	3 12	7 3	1 21
F 30	17 45	27 20	4 21	20 36	2 3	20 11	0 57	3 41	0 38	0 44	1 26	19 21	0 30	18 49	0 40	8 25	1 44	3 33	14 40	15 2	14 58	3 9	7 3	1 20
S 31	17s29	26n 3	4n47	20s10	2s 4	19s54	0s58	3s22	0s37	0n45	1n27	19s19	0s30	18n49	0n40	8n25	1s43	3n33	14s39	14n58	14n57	3n 5	7n 4	1n20

Julian Day Number = 2405524.5, Delta T = -0.68 sec
Ecliptic obliquity = 23°27'27, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°58'51, Lahiri = 22°05'51

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ASTRODIENST EPHEMERIS for the year 1874
geocentric

FEBRUARY 1874 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 44 7	12♒ 0'53	6♌29	10♒ 8	6♒32	23♓43	1°R24	5♒55	8°R22	25♈58	19°R48	10°R13	10♉22	0♎ 3	14♈49	S 1
M 2	8 48 4	13° 1'44	18°53	11°51	7°48	24°28	1♎21	6° 2	8♌19	25°59	19♉48	9♉58	10°19	0°10	14°51	M 2
T 3	8 52 0	14° 2'33	1♍ 6	13°36	9° 3	25°14	1°17	6° 9	8°17	25°59	19°D48	9°44	10°15	0°17	14°53	T 3
W 4	8 55 57	15° 3'21	13°10	15°21	10°18	26° 0	1°14	6°16	8°14	26° 0	19°48	9°32	10°12	0°23	14°56	W 4
T 5	8 59 53	16° 4'07	25° 5	17° 6	11°33	26°45	1°10	6°23	8°12	26° 1	19°48	9°22	10° 9	0°30	14°58	T 5
F 6	9 3 50	17° 4'53	6♎55	18°53	12°49	27°31	1° 7	6°30	8° 9	26° 2	19°48	9°15	10° 6	0°37	15° 0	F 6
S 7	9 7 46	18° 5'38	18°42	20°40	14° 4	28°17	1° 3	6°38	8° 6	26° 4	19°48	9°11	10° 3	0°43	15° 2	S 7
S 8	9 11 43	19° 6'21	0♏32	22°28	15°19	29° 2	0°58	6°45	8° 4	26° 5	19°48	9°10	10° 0	0°50	15° 5	S 8
M 9	9 15 39	20° 7'04	12°29	24°16	16°34	29°48	0°54	6°52	8° 1	26° 6	19°49	9°D10	9°56	0°57	15° 7	M 9
T 10	9 19 36	21° 7'46	24°39	26° 5	17°50	0♈33	0°50	6°59	7°59	26° 7	19°49	9°R10	9°53	1° 3	15° 9	T 10
W11	9 23 33	22° 8'26	7♐ 7	27°55	19° 5	1°19	0°45	7° 6	7°56	26° 8	19°49	9° 9	9°50	1°10	15°12	W11
T 12	9 27 29	23° 9'06	19°58	29°45	20°20	2° 4	0°40	7°13	7°54	26° 9	19°49	9° 6	9°47	1°17	15°14	T 12
F 13	9 31 26	24° 9'44	3♑17	1♓35	21°35	2°49	0°35	7°20	7°51	26°11	19°49	9° 1	9°44	1°23	15°17	F 13
S 14	9 35 22	25°10'21	17° 4	3°25	22°50	3°35	0°30	7°27	7°49	26°12	19°49	8°53	9°40	1°30	15°19	S 14
S 15	9 39 19	26°10'57	1♒20	5°16	24° 6	4°20	0°25	7°34	7°46	26°13	19°50	8°43	9°37	1°37	15°22	S 15
M16	9 43 15	27°11'31	16° 1	7° 6	25°21	5° 5	0°20	7°40	7°44	26°15	19°50	8°32	9°34	1°44	15°25	M16
T 17	9 47 12	28°12'04	0♓59	8°56	26°36	5°51	0°14	7°47	7°41	26°16	19°50	8°21	9°31	1°50	15°27	T 17
W18	9 51 9	29°12'35	16° 4	10°46	27°51	6°36	0° 8	7°54	7°39	26°17	19°51	8°11	9°28	1°57	15°30	W18
T 19	9 55 5	0♓13'05	1♈ 7	12°34	29° 6	7°21	0° 3	8° 1	7°37	26°19	19°51	8° 4	9°25	2° 4	15°33	T 19
F 20	9 59 2	1°13'32	15°59	14°22	0♓21	8° 6	29♍57	8° 8	7°34	26°20	19°51	7°59	9°21	2°10	15°36	F 20
S 21	10 2 58	2°13'58	0♉33	16° 7	1°36	8°51	29°50	8°15	7°32	26°22	19°52	7°58	9°18	2°17	15°39	S 21
S 22	10 6 55	3°14'22	14°46	17°51	2°51	9°36	29°44	8°21	7°30	26°23	19°52	7°D58	9°15	2°24	15°42	S 22
M23	10 10 51	4°14'44	28°36	19°32	4° 7	10°21	29°38	8°28	7°27	26°25	19°53	7°R58	9°12	2°30	15°44	M23
T 24	10 14 48	5°15'04	12♊ 6	21°10	5°22	11° 6	29°31	8°35	7°25	26°26	19°53	7°58	9° 9	2°37	15°47	T 24
W25	10 18 44	6°15'22	25°16	22°44	6°37	11°51	29°25	8°41	7°23	26°28	19°54	7°56	9° 5	2°44	15°50	W25
T 26	10 22 41	7°15'38	8♋10	24°15	7°52	12°36	29°18	8°48	7°21	26°29	19°54	7°52	9° 2	2°50	15°53	T 26
F 27	10 26 37	8°15'52	20°50	25°40	9° 7	13°21	29°11	8°55	7°19	26°31	19°55	7°45	8°59	2°57	15°56	F 27
S 28	10 30 34	9♓16'04	3♌19	27♓ 0	10♓22	14♈ 6	29♍ 5	9♒ 1	7♌17	26♈33	19♉55	7♉36	8♉56	3♎ 4	15♈59	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s12	23n29	4n59	19s43	2s 5	19s37	1s 0	3s 3	0s36	0n46	1n27	19s18	0s30	18n50	0n40	8n26	1s43	3n34	14s39	14n53	14n56	3n 2	7n 5	1n20
M 2	16 55	19 51	4 56	19 15	2 5	19 20	1 2	2 44	0 36	0 48	1 27	19 16	0 30	18 51	0 40	8 26	1 43	3 34	14 39	14 49	14 55	2 59	7 5	1 20
T 3	16 38	15 26	4 39	18 45	2 5	19 2	1 3	2 26	0 35	0 49	1 27	19 14	0 30	18 51	0 40	8 26	1 43	3 34	14 38	14 44	14 54	2 56	7 6	1 20
W 4	16 20	10 28	4 10	18 13	2 4	18 43	1 5	2 7	0 34	0 51	1 28	19 12	0 30	18 52	0 40	8 27	1 43	3 35	14 38	14 41	14 53	2 52	7 7	1 20
T 5	16 2	5 10	3 30	17 40	2 3	18 24	1 6	1 48	0 33	0 53	1 28	19 11	0 30	18 53	0 40	8 27	1 43	3 35	14 38	14 37	14 52	2 49	7 7	1 20
F 6	15 44	0s16	2 42	17 5	2 1	18 4	1 8	1 29	0 32	0 54	1 28	19 9	0 30	18 53	0 40	8 28	1 43	3 35	14 37	14 35	14 51	2 46	7 8	1 19
S 7	15 25	5 42	1 46	16 29	1 59	17 44	1 9	1 10	0 31	0 56	1 28	19 7	0 30	18 54	0 40	8 28	1 43	3 36	14 37	14 34	14 50	2 42	7 9	1 19
S 8	15 6	10 57	0 46	15 52	1 56	17 23	1 11	0 51	0 31	0 58	1 29	19 6	0 31	18 55	0 40	8 29	1 43	3 36	14 37	14 34	14 49	2 39	7 10	1 19
M 9	14 47	15 53	0s18	15 13	1 53	17 2	1 12	0 32	0 30	1 0	1 29	19 4	0 31	18 55	0 40	8 29	1 43	3 36	14 36	14 34	14 48	2 36	7 10	1 19
T 10	14 28	20 16	1 21	14 32	1 49	16 40	1 13	0 13	0 29	1 2	1 29	19 2	0 31	18 56	0 40	8 30	1 43	3 37	14 36	14 34	14 47	2 33	7 11	1 19
W11	14 8	23 51	2 22	13 51	1 45	16 18	1 15	0n 5	0 28	1 4	1 29	19 1	0 31	18 57	0 40	8 30	1 43	3 37	14 36	14 33	14 46	2 29	7 12	1 19
T 12	13 49	26 23	3 18	13 7	1 40	15 55	1 16	0 24	0 27	1 6	1 29	18 59	0 31	18 57	0 40	8 30	1 43	3 38	14 35	14 32	14 45	2 26	7 13	1 19
F 13	13 29	27 31	4 6	12 23	1 34	15 32	1 17	0 43	0 27	1 8	1 30	18 57	0 31	18 58	0 40	8 31	1 43	3 38	14 35	14 31	14 44	2 23	7 14	1 19
S 14	13 8	27 0	4 40	11 37	1 28	15 8	1 18	1 2	0 26	1 10	1 30	18 55	0 31	18 59	0 40	8 31	1 43	3 38	14 35	14 28	14 43	2 19	7 15	1 18
S 15	12 48	24 44	4 59	10 51	1 21	14 44	1 19	1 20	0 25	1 13	1 30	18 54	0 31	18 59	0 40	8 32	1 43	3 39	14 34	14 25	14 42	2 16	7 16	1 18
M16	12 27	20 48	4 59	10 3	1 14	14 20	1 20	1 39	0 24	1 15	1 30	18 52	0 31	19 0	0 40	8 33	1 43	3 39	14 34	14 21	14 41	2 13	7 16	1 18
T 17	12 7	15 29	4 39	9 14	1 5	13 55	1 21	1 58	0 24	1 17	1 31	18 50	0 31	19 0	0 40	8 33	1 43	3 39	14 34	14 18	14 40	2 10	7 17	1 18
W18	11 45	9 10	3 59	8 25	0 57	13 30	1 21	2 16	0 23	1 20	1 31	18 49	0 31	19 1	0 40	8 34	1 43	3 40	14 33	14 15	14 39	2 6	7 18	1 18
T 19	11 24	2 21	3 3	7 34	0 47	13 5	1 22	2 35	0 22	1 22	1 31	18 47	0 31	19 2	0 40	8 34	1 43	3 40	14 33	14 12	14 38	2 3	7 19	1 18
F 20	11 3	4n32	1 54	6 44	0 37	12 39	1 23	2 54	0 21	1 25	1 31	18 45	0 32	19 2	0 40	8 35	1 42	3 41	14 33	14 11	14 37	2 0	7 20	1 18
S 21	10 41	11 3	0 39	5 53	0 26	12 13	1 23	3 12	0 20	1 28	1 31	18 44	0 32	19 3	0 40	8 35	1 42	3 41	14 32	14 10	14 36	1 56	7 21	1 18
S 22	10 20	16 51	0n36	5 2	0 15	11 46	1 24	3 31	0 20	1 30	1 32	18 42	0 32	19 3	0 40	8 36	1 42	3 41	14 32	14 10	14 35	1 53	7 22	1 17
M23	9 58	21 37	1 48	4 11	0 3	11 19	1 25	3 49	0 19	1 33	1 32	18 40	0 32	19 4	0 40	8 36	1 42	3 42	14 32	14 11	14 34	1 50	7 23	1 17
T 24	9 36	25 5	2 51	3 21	0n10	10 52	1 25	4 7	0 18	1 36	1 32	18 39	0 32	19 5	0 40	8 37	1 42	3 42	14 32	14 11	14 33	1 46	7 24	1 17
W25	9 13	27 7	3 44	2 32	0 23	10 25	1 25	4 26	0 17	1 38	1 32	18 37	0 32	19 5	0 40	8 38	1 42	3 43	14 31	14 10	14 32	1 43	7 25	1 17
T 26	8 51	27 37	4 25	1 44	0 37	9 57	1 26	4 44	0 16	1 41	1 32	18 35	0 32	19 6	0 40	8 38	1 42	3 43	14 31	14 9	14 31	1 40	7 26	1 17
F 27	8 29	26 38	4 51	0 57	0 50	9 29	1 26	5 2	0 16	1 44	1 32	18 34	0 32	19 6	0 40	8 39	1 42	3 44	14 31	14 6	14 30	1 37	7 27	1 17
S 28	8s 6	24n21	5n 3	0s12	1n 4	9s 1	1s26	5n20	0s15	1n47	1n32	18s32	0s32	19n 7	0n40	8n40	1s42	3n44	14s30	14n 3	14n29	1n33	7n29	1n17

Julian Day Number = 2405555.5, Delta T = -0.72 sec
Ecliptic obliquity = 23°27'27, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°58'55, Lahiri = 22°05'55

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ASTRODIENST EPHEMERIS for the year 1874
geocentric

MARCH 1874 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 34 31	10♓16'14	15♌37	28♓15	11♓37	14♈51	28°R58	9♒ 8	7°R14	26♈34	19♉56	7°R26	8♉53	3♎10	16♈ 3	S 1
M 2	10 38 27	11°16'23	27°47	29°22	12°52	15°35	28♍51	9°14	7♌12	26°36	19°56	7♉15	8°50	3°17	16° 6	M 2
T 3	10 42 24	12°16'29	9♍49	0♈23	14° 6	16°20	28°43	9°20	7°10	26°38	19°57	7° 4	8°46	3°24	16° 9	T 3
W 4	10 46 20	13°16'33	21°45	1°16	15°21	17° 5	28°36	9°27	7° 8	26°39	19°57	6°54	8°43	3°30	16°12	W 4
T 5	10 50 17	14°16'35	3♎37	2° 1	16°36	17°49	28°29	9°33	7° 6	26°41	19°58	6°47	8°40	3°37	16°15	T 5
F 6	10 54 13	15°16'36	15°25	2°38	17°51	18°34	28°22	9°39	7° 5	26°43	19°59	6°42	8°37	3°44	16°18	F 6
S 7	10 58 10	16°16'35	27°13	3° 5	19° 6	19°18	28°14	9°46	7° 3	26°45	19°59	6°40	8°34	3°50	16°22	S 7
S 8	11 2 6	17°16'32	9♏ 4	3°25	20°21	20° 3	28° 7	9°52	7° 1	26°47	20° 0	6°D39	8°31	3°57	16°25	S 8
M 9	11 6 3	18°16'28	21° 2	3°35	21°36	20°47	27°59	9°58	6°59	26°48	20° 1	6°40	8°27	4° 4	16°28	M 9
T 10	11 10 0	19°16'22	3♐12	3°R36	22°51	21°31	27°52	10° 4	6°57	26°50	20° 1	6°41	8°24	4°10	16°32	T 10
W11	11 13 56	20°16'14	15°37	3°28	24° 5	22°16	27°44	10°10	6°56	26°52	20° 2	6°R42	8°21	4°17	16°35	W11
T 12	11 17 53	21°16'05	28°24	3°13	25°20	23° 0	27°36	10°16	6°54	26°54	20° 3	6°42	8°18	4°24	16°38	T 12
F 13	11 21 49	22°15'54	11♑36	2°49	26°35	23°44	27°29	10°22	6°52	26°56	20° 4	6°40	8°15	4°30	16°42	F 13
S 14	11 25 46	23°15'41	25°17	2°18	27°50	24°28	27°21	10°28	6°51	26°58	20° 5	6°37	8°11	4°37	16°45	S 14
S 15	11 29 42	24°15'27	9♒27	1°40	29° 4	25°13	27°13	10°34	6°49	27° 0	20° 5	6°31	8° 8	4°44	16°49	S 15
M16	11 33 39	25°15'10	24° 4	0°57	0♈19	25°57	27° 5	10°40	6°48	27° 2	20° 6	6°25	8° 5	4°50	16°52	M16
T 17	11 37 35	26°14'52	9♓ 3	0° 9	1°34	26°41	26°57	10°45	6°46	27° 4	20° 7	6°19	8° 2	4°57	16°56	T 17
W18	11 41 32	27°14'32	24°15	29♓18	2°48	27°25	26°50	10°51	6°45	27° 6	20° 8	6°13	7°59	5° 4	16°59	W18
T 19	11 45 29	28°14'10	9♈30	28°25	4° 3	28° 9	26°42	10°57	6°44	27° 8	20° 9	6° 9	7°56	5°10	17° 3	T 19
F 20	11 49 25	29°13'46	24°38	27°30	5°18	28°53	26°34	11° 2	6°42	27°10	20°10	6° 7	7°52	5°17	17° 6	F 20
S 21	11 53 22	0♈13'19	9♉30	26°36	6°32	29°37	26°26	11° 8	6°41	27°12	20°11	6°D 6	7°49	5°24	17°10	S 21
S 22	11 57 18	1°12'51	23°59	25°43	7°47	0♉20	26°19	11°13	6°40	27°14	20°12	6° 7	7°46	5°30	17°13	S 22
M23	12 1 15	2°12'20	8♊ 3	24°52	9° 2	1° 4	26°11	11°19	6°39	27°16	20°12	6° 9	7°43	5°37	17°17	M23
T 24	12 5 11	3°11'47	21°42	24° 3	10°16	1°48	26° 3	11°24	6°37	27°18	20°13	6°10	7°40	5°44	17°20	T 24
W25	12 9 8	4°11'12	4♋56	23°19	11°31	2°32	25°56	11°29	6°36	27°20	20°14	6°R11	7°37	5°50	17°24	W25
T 26	12 13 4	5°10'34	17°48	22°40	12°45	3°15	25°48	11°34	6°35	27°23	20°15	6°10	7°33	5°57	17°27	T 26
F 27	12 17 1	6° 9'54	0♌22	22° 5	14° 0	3°59	25°40	11°40	6°34	27°25	20°16	6° 8	7°30	6° 4	17°31	F 27
S 28	12 20 58	7° 9'11	12°42	21°35	15°14	4°42	25°33	11°45	6°34	27°27	20°17	6° 4	7°27	6°10	17°35	S 28
S 29	12 24 54	8° 8'27	24°50	21°11	16°29	5°26	25°25	11°50	6°33	27°29	20°18	6° 0	7°24	6°17	17°38	S 29
M30	12 28 51	9° 7'40	6♍50	20°53	17°43	6° 9	25°18	11°55	6°32	27°31	20°20	5°55	7°21	6°24	17°42	M30
T 31	12 32 47	10♈ 6'51	18♍44	20♓41	18♈57	6♉53	25♍11	11♒59	6♌31	27♈33	20♉21	5♉50	7♉17	6♎30	17♈46	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s43	20n57	5n 1	0n30	1n19	8s33	1s26	5n38	0s14	1n50	1n33	18s31	0s32	19n 7	0n40	8n40	1s42	3n44	14s30	14n 0	14n28	1n30	7n30	1n17
M 2	7 21	16 43	4 45	1 10	1 33	8 4	1 26	5 56	0 13	1 53	1 33	18 29	0 33	19 8	0 40	8 41	1 42	3 45	14 30	13 56	14 27	1 27	7 31	1 16
T 3	6 58	11 51	4 17	1 47	1 47	7 35	1 26	6 14	0 13	1 56	1 33	18 27	0 33	19 8	0 40	8 42	1 42	3 45	14 29	13 53	14 26	1 23	7 32	1 16
W 4	6 35	6 36	3 37	2 21	2 1	7 6	1 26	6 32	0 12	1 59	1 33	18 26	0 33	19 9	0 40	8 42	1 42	3 46	14 29	13 50	14 25	1 20	7 33	1 16
T 5	6 12	1 8	2 48	2 52	2 15	6 37	1 26	6 50	0 11	2 2	1 33	18 24	0 33	19 9	0 40	8 43	1 42	3 46	14 29	13 47	14 24	1 17	7 34	1 16
F 6	5 48	4s21	1 52	3 18	2 28	6 7	1 26	7 7	0 10	2 5	1 33	18 23	0 33	19 10	0 40	8 44	1 42	3 47	14 28	13 46	14 23	1 13	7 35	1 16
S 7	5 25	9 42	0 51	3 41	2 40	5 38	1 25	7 25	0 10	2 8	1 33	18 21	0 33	19 10	0 40	8 44	1 42	3 47	14 28	13 45	14 22	1 10	7 36	1 16
S 8	5 2	14 44	0s13	3 59	2 52	5 8	1 25	7 42	0 9	2 11	1 33	18 19	0 33	19 11	0 40	8 45	1 42	3 48	14 28	13 45	14 21	1 7	7 38	1 16
M 9	4 38	19 16	1 17	4 13	3 2	4 38	1 25	8 0	0 8	2 14	1 34	18 18	0 33	19 11	0 40	8 46	1 42	3 48	14 28	13 45	14 20	1 3	7 39	1 16
T 10	4 15	23 5	2 19	4 22	3 12	4 8	1 24	8 17	0 7	2 17	1 34	18 16	0 33	19 11	0 40	8 46	1 42	3 48	14 27	13 46	14 19	1 0	7 40	1 16
W11	3 51	25 55	3 15	4 26	3 20	3 38	1 24	8 34	0 7	2 20	1 34	18 15	0 33	19 12	0 40	8 47	1 42	3 49	14 27	13 46	14 18	0 57	7 41	1 16
T 12	3 28	27 30	4 3	4 26	3 26	3 8	1 23	8 51	0 6	2 23	1 34	18 13	0 34	19 12	0 40	8 48	1 42	3 49	14 27	13 46	14 17	0 53	7 42	1 15
F 13	3 4	27 37	4 41	4 21	3 31	2 37	1 23	9 8	0 5	2 26	1 34	18 12	0 34	19 13	0 40	8 48	1 42	3 50	14 26	13 45	14 16	0 50	7 44	1 15
S 14	2 41	26 4	5 4	4 11	3 34	2 7	1 22	9 25	0 5	2 30	1 34	18 10	0 34	19 13	0 40	8 49	1 42	3 50	14 26	13 44	14 15	0 47	7 45	1 15
S 15	2 17	22 52	5 9	3 57	3 35	1 36	1 21	9 42	0 4	2 33	1 34	18 9	0 34	19 13	0 40	8 50	1 42	3 51	14 26	13 42	14 14	0 44	7 46	1 15
M16	1 53	18 9	4 55	3 40	3 35	1 6	1 20	9 59	0 3	2 36	1 34	18 7	0 34	19 14	0 40	8 51	1 42	3 51	14 26	13 40	14 13	0 40	7 47	1 15
T 17	1 30	12 13	4 21	3 18	3 32	0 35	1 19	10 16	0 2	2 39	1 34	18 6	0 34	19 14	0 40	8 51	1 42	3 52	14 25	13 38	14 12	0 37	7 49	1 15
W18	1 6	5 28	3 28	2 54	3 27	0 5	1 18	10 32	0 2	2 42	1 34	18 4	0 34	19 14	0 40	8 52	1 42	3 52	14 25	13 36	14 11	0 34	7 50	1 15
T 19	0 42	1n38	2 20	2 27	3 21	0n26	1 17	10 49	0 1	2 45	1 34	18 3	0 34	19 15	0 40	8 53	1 41	3 53	14 25	13 35	14 10	0 30	7 51	1 15
F 20	0 18	8 35	1 2	1 57	3 13	0 56	1 16	11 5	0 0	2 48	1 34	18 1	0 34	19 15	0 40	8 54	1 41	3 53	14 25	13 34	14 9	0 27	7 52	1 15
S 21	0n 5	14 57	0n18	1 27	3 3	1 27	1 15	11 21	0n 0	2 51	1 34	18 0	0 35	19 15	0 40	8 54	1 41	3 54	14 24	13 34	14 8	0 24	7 54	1 15
S 22	0 29	20 20	1 36	0 55	2 52	1 57	1 14	11 37	0 1	2 54	1 34	17 59	0 35	19 16	0 40	8 55	1 41	3 54	14 24	13 34	14 7	0 20	7 55	1 14
M23	0 53	24 24	2 46	0 24	2 39	2 28	1 13	11 53	0 2	2 58	1 34	17 57	0 35	19 16	0 40	8 56	1 41	3 55	14 24	13 35	14 6	0 17	7 56	1 14
T 24	1 16	26 55	3 44	0s 8	2 26	2 58	1 11	12 9	0 3	3 1	1 34	17 56	0 35	19 16	0 40	8 57	1 41	3 55	14 24	13 35	14 5	0 14	7 57	1 14
W25	1 40	27 49	4 28	0 38	2 12	3 29	1 10	12 25	0 3	3 4	1 34	17 55	0 35	19 16	0 40	8 57	1 41	3 56	14 23	13 35	14 4	0 10	7 59	1 14
T 26	2 3	27 11	4 57	1 8	1 57	3 59	1 9	12 40	0 4	3 7	1 34	17 53	0 35	19 17	0 40	8 58	1 41	3 56	14 23	13 35	14 3	0 7	8 0	1 14
F 27	2 27	25 9	5 11	1 36	1 41	4 30	1 7	12 56	0 5	3 10	1 34	17 52	0 35	19 17	0 40	8 59	1 41	3 56	14 23	13 34	14 2	0 4	8 1	1 14
S 28	2 50	21 58	5 11	2 2	1 26	5 0	1 6	13 11	0 5	3 13	1 34	17 51	0 35	19 17	0 39	9 0	1 41	3 57	14 23	13 33	14 0	0 0	8 3	1 14
S 29	3 14	17 54	4 56	2 26	1 10	5 30	1 4	13 26	0 6	3 16	1 34	17 49	0 35	19 17	0 39	9 1	1 41	3 57	14 22	13 32	13 59	0s 3	8 4	1 14
M30	3 37	13 10	4 29	2 47	0 54	6 0	1 2	13 41	0 7	3 18	1 34	17 48	0 36	19 17	0 39	9 1	1 41	3 58	14 22	13 30	13 58	0 6	8 5	1 14
T 31	4n 1	7n59	3n50	3s 6	0n39	6n30	1s 1	13n56	0n 7	3n21	1n34	17s47	0s36	19n18	0n39	9n 2	1s41	3n58	14s22	13n29	13n57	0s10	8n 7	1n14

Julian Day Number = 2405583.5, Delta T = -0.76 sec
Ecliptic obliquity = 23°27'28, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°58'59, Lahiri = 22°05'59

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ASTRODIENST EPHEMERIS for the year 1874
geocentric

APRIL 1874 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 36 44	11♈ 5'59	0♎35	20°R34	20♈12	7♉36	25°R 3	12♒ 4	6°R30	27♈36	20♉22	5°R47	7♉14	6♎37	17♈49	W 1
T 2	12 40 40	12° 5'06	12°23	20°D33	21°26	8°19	24♍56	12° 9	6♌30	27°38	20°23	5♉44	7°11	6°44	17°53	T 2
F 3	12 44 37	13° 4'10	24°13	20♓37	22°40	9° 3	24°49	12°14	6°29	27°40	20°24	5°42	7° 8	6°50	17°57	F 3
S 4	12 48 33	14° 3'13	6♏ 5	20°47	23°55	9°46	24°42	12°18	6°29	27°42	20°25	5°D41	7° 5	6°57	18° 0	S 4
S 5	12 52 30	15° 2'13	18° 2	21° 2	25° 9	10°29	24°35	12°23	6°28	27°44	20°26	5°42	7° 2	7° 4	18° 4	S 5
M 6	12 56 26	16° 1'12	0♐ 6	21°21	26°23	11°12	24°28	12°27	6°28	27°47	20°27	5°43	6°58	7°10	18° 8	M 6
T 7	13 0 23	17° 0'09	12°22	21°46	27°37	11°55	24°22	12°32	6°27	27°49	20°28	5°45	6°55	7°17	18°11	T 7
W 8	13 4 20	17°59'04	24°52	22°15	28°52	12°38	24°15	12°36	6°27	27°51	20°30	5°46	6°52	7°24	18°15	W 8
T 9	13 8 16	18°57'58	7♑39	22°48	0♉ 6	13°21	24° 8	12°40	6°27	27°53	20°31	5°47	6°49	7°30	18°19	T 9
F 10	13 12 13	19°56'50	20°48	23°25	1°20	14° 4	24° 2	12°44	6°26	27°55	20°32	5°R47	6°46	7°37	18°22	F 10
S 11	13 16 9	20°55'40	4♒21	24° 6	2°34	14°47	23°56	12°48	6°26	27°58	20°33	5°47	6°42	7°44	18°26	S 11
S 12	13 20 6	21°54'28	18°19	24°51	3°48	15°30	23°49	12°52	6°26	28° 0	20°34	5°46	6°39	7°50	18°30	S 12
M13	13 24 2	22°53'15	2♓43	25°39	5° 2	16°13	23°43	12°56	6°26	28° 2	20°35	5°44	6°36	7°57	18°33	M13
T 14	13 27 59	23°51'59	17°28	26°31	6°16	16°55	23°37	13° 0	6°D26	28° 4	20°37	5°43	6°33	8° 4	18°37	T 14
W15	13 31 56	24°50'42	2♈29	27°25	7°30	17°38	23°32	13° 4	6°26	28° 7	20°38	5°42	6°30	8°10	18°41	W15
T 16	13 35 52	25°49'23	17°38	28°23	8°44	18°21	23°26	13° 7	6°26	28° 9	20°39	5°41	6°27	8°17	18°44	T 16
F 17	13 39 49	26°48'03	2♉46	29°24	9°58	19° 3	23°20	13°11	6°26	28°11	20°40	5°D41	6°23	8°24	18°48	F 17
S 18	13 43 45	27°46'40	17°43	0♈27	11°12	19°46	23°15	13°14	6°26	28°14	20°42	5°41	6°20	8°30	18°52	S 18
S 19	13 47 42	28°45'15	2♊22	1°33	12°26	20°28	23°10	13°18	6°27	28°16	20°43	5°41	6°17	8°37	18°55	S 19
M20	13 51 38	29°43'48	16°37	2°41	13°40	21°11	23° 5	13°21	6°27	28°18	20°44	5°42	6°14	8°44	18°59	M20
T 21	13 55 35	0♉42'20	0♋26	3°52	14°54	21°53	23° 0	13°24	6°27	28°20	20°45	5°42	6°11	8°50	19° 2	T 21
W22	13 59 31	1°40'49	13°49	5° 6	16° 8	22°36	22°55	13°27	6°28	28°23	20°47	5°43	6° 8	8°57	19° 6	W22
T 23	14 3 28	2°39'16	26°46	6°21	17°22	23°18	22°50	13°31	6°28	28°25	20°48	5°43	6° 4	9° 4	19°10	T 23
F 24	14 7 25	3°37'40	9♌22	7°39	18°36	24° 0	22°46	13°33	6°29	28°27	20°49	5°R43	6° 1	9°10	19°13	F 24
S 25	14 11 21	4°36'03	21°40	8°59	19°49	24°43	22°42	13°36	6°29	28°29	20°51	5°43	5°58	9°17	19°17	S 25
S 26	14 15 18	5°34'23	3♍45	10°21	21° 3	25°25	22°37	13°39	6°30	28°32	20°52	5°D43	5°55	9°24	19°20	S 26
M27	14 19 14	6°32'41	15°40	11°45	22°17	26° 7	22°33	13°42	6°31	28°34	20°53	5°43	5°52	9°30	19°24	M27
T 28	14 23 11	7°30'58	27°30	13°11	23°31	26°49	22°30	13°44	6°31	28°36	20°55	5°43	5°48	9°37	19°27	T 28
W29	14 27 7	8°29'12	9♎18	14°39	24°44	27°31	22°26	13°47	6°32	28°38	20°56	5°43	5°45	9°44	19°31	W29
T 30	14 31 4	9♉27'24	21♎ 8	16♈ 9	25♉58	28♉13	22♍22	13♒49	6♌33	28♈41	20♉57	5♉43	5♉42	9♎50	19♈34	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n24	2n33	3n 1	3s23	0n23	6n59	0s59	14n11	0n 8	3n24	1n34	17s46	0s36	19n18	0n39	9n 3	1s41	3n59	14s22	13n27	13n56	0s13	8n 8	1n14
T 2	4 47	2s59	2 5	3 37	0 9	7 29	0 57	14 26	0 9	3 27	1 34	17 44	0 36	19 18	0 39	9 4	1 41	3 59	14 22	13 26	13 55	0 16	8 9	1 14
F 3	5 10	8 25	1 3	3 49	0s 6	7 58	0 56	14 40	0 9	3 30	1 34	17 43	0 36	19 18	0 39	9 5	1 41	4 0	14 21	13 26	13 54	0 20	8 11	1 13
S 4	5 33	13 35	0s 2	3 58	0 20	8 27	0 54	14 55	0 10	3 32	1 34	17 42	0 36	19 18	0 39	9 5	1 41	4 0	14 21	13 26	13 53	0 23	8 12	1 13
S 5	5 56	18 18	1 8	4 4	0 33	8 56	0 52	15 9	0 11	3 35	1 34	17 41	0 36	19 18	0 39	9 6	1 41	4 1	14 21	13 26	13 52	0 26	8 13	1 13
M 6	6 18	22 19	2 11	4 8	0 46	9 25	0 50	15 23	0 11	3 38	1 33	17 40	0 36	19 18	0 39	9 7	1 41	4 1	14 21	13 26	13 51	0 30	8 15	1 13
T 7	6 41	25 25	3 9	4 10	0 58	9 53	0 48	15 37	0 12	3 40	1 33	17 39	0 37	19 18	0 39	9 8	1 41	4 2	14 21	13 27	13 50	0 33	8 16	1 13
W 8	7 4	27 21	3 59	4 9	1 10	10 22	0 46	15 51	0 13	3 43	1 33	17 38	0 37	19 18	0 39	9 9	1 41	4 2	14 20	13 27	13 49	0 36	8 17	1 13
T 9	7 26	27 53	4 39	4 6	1 20	10 50	0 44	16 4	0 13	3 45	1 33	17 37	0 37	19 19	0 39	9 9	1 41	4 3	14 20	13 28	13 48	0 40	8 19	1 13
F 10	7 48	26 53	5 6	4 0	1 31	11 18	0 42	16 18	0 14	3 48	1 33	17 35	0 37	19 19	0 39	9 10	1 41	4 3	14 20	13 28	13 47	0 43	8 20	1 13
S 11	8 10	24 18	5 16	3 53	1 40	11 45	0 39	16 31	0 15	3 50	1 33	17 34	0 37	19 19	0 39	9 11	1 41	4 4	14 20	13 28	13 46	0 46	8 21	1 13
S 12	8 32	20 14	5 9	3 43	1 49	12 13	0 37	16 44	0 15	3 52	1 33	17 33	0 37	19 19	0 39	9 12	1 41	4 4	14 20	13 27	13 45	0 50	8 23	1 13
M13	8 54	14 54	4 42	3 32	1 58	12 40	0 35	16 57	0 16	3 55	1 33	17 32	0 37	19 19	0 39	9 13	1 41	4 4	14 19	13 27	13 44	0 53	8 24	1 13
T 14	9 16	8 35	3 57	3 18	2 5	13 6	0 33	17 10	0 16	3 57	1 33	17 32	0 37	19 19	0 39	9 13	1 41	4 5	14 19	13 26	13 43	0 56	8 25	1 13
W15	9 38	1 40	2 54	3 3	2 12	13 33	0 31	17 23	0 17	3 59	1 32	17 31	0 38	19 18	0 39	9 14	1 41	4 5	14 19	13 26	13 42	1 0	8 27	1 13
T 16	9 59	5n24	1 38	2 46	2 19	13 59	0 28	17 35	0 18	4 1	1 32	17 30	0 38	19 18	0 39	9 15	1 41	4 6	14 19	13 26	13 41	1 3	8 28	1 13
F 17	10 20	12 11	0 16	2 27	2 24	14 24	0 26	17 47	0 18	4 3	1 32	17 29	0 38	19 18	0 39	9 16	1 41	4 6	14 19	13 25	13 40	1 6	8 29	1 13
S 18	10 41	18 11	1n 6	2 6	2 29	14 50	0 24	18 0	0 19	4 5	1 32	17 28	0 38	19 18	0 39	9 17	1 41	4 7	14 19	13 25	13 39	1 10	8 31	1 12
S 19	11 2	22 59	2 23	1 44	2 34	15 15	0 21	18 12	0 19	4 7	1 32	17 27	0 38	19 18	0 39	9 17	1 41	4 7	14 19	13 26	13 38	1 13	8 32	1 12
M20	11 23	26 14	3 28	1 21	2 38	15 39	0 19	18 23	0 20	4 9	1 32	17 26	0 38	19 18	0 39	9 18	1 41	4 8	14 18	13 26	13 36	1 16	8 33	1 12
T 21	11 44	27 47	4 20	0 55	2 41	16 3	0 16	18 35	0 21	4 11	1 32	17 25	0 38	19 18	0 39	9 19	1 41	4 8	14 18	13 26	13 35	1 20	8 35	1 12
W22	12 4	27 38	4 55	0 29	2 44	16 27	0 14	18 47	0 21	4 13	1 31	17 25	0 39	19 18	0 39	9 20	1 41	4 8	14 18	13 26	13 34	1 23	8 36	1 12
T 23	12 24	25 57	5 14	0 1	2 46	16 51	0 12	18 58	0 22	4 14	1 31	17 24	0 39	19 18	0 39	9 21	1 41	4 9	14 18	13 26	13 33	1 26	8 37	1 12
F 24	12 44	23 1	5 17	0n28	2 47	17 14	0 9	19 9	0 22	4 16	1 31	17 23	0 39	19 18	0 39	9 21	1 41	4 9	14 18	13 26	13 32	1 30	8 38	1 12
S 25	13 4	19 6	5 5	0 59	2 48	17 36	0 7	19 20	0 23	4 18	1 31	17 23	0 39	19 17	0 39	9 22	1 41	4 10	14 18	13 26	13 31	1 33	8 40	1 12
S 26	13 23	14 30	4 40	1 31	2 49	17 58	0 4	19 31	0 24	4 19	1 31	17 22	0 39	19 17	0 39	9 23	1 41	4 10	14 18	13 26	13 30	1 36	8 41	1 12
M27	13 43	9 24	4 4	2 4	2 48	18 20	0 2	19 41	0 24	4 20	1 30	17 21	0 39	19 17	0 39	9 24	1 41	4 11	14 18	13 26	13 29	1 40	8 42	1 12
T 28	14 2	4 0	3 17	2 38	2 48	18 41	0n 1	19 52	0 25	4 22	1 30	17 21	0 39	19 17	0 39	9 25	1 41	4 11	14 18	13 26	13 28	1 43	8 44	1 12
W29	14 21	1s31	2 22	3 13	2 46	19 1	0 4	20 2	0 25	4 23	1 30	17 20	0 40	19 17	0 39	9 25	1 41	4 11	14 17	13 26	13 27	1 46	8 45	1 12
T 30	14n39	7s 1	1n20	3n50	2s44	19n22	0n 6	20n12	0n26	4n24	1n30	17s19	0s40	19n16	0n39	9n26	1s41	4n12	14s17	13n26	13n26	1s50	8n46	1n12

Julian Day Number = 2405614.5, Delta T = -0.80 sec
Ecliptic obliquity = 23°27'28, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°59'03, Lahiri = 22°06'04

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ASTRODIENST EPHEMERIS for the year 1874
geocentric

MAY 1874 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 35 0	10♉25'35	3♏ 1	17♈41	27♉12	28♉55	22°R19	13♒52	6♌34	28♈43	20♉59	5°R43	5♉39	9♎57	19♈38	F 1
S 2	14 38 57	11°23'44	15° 0	19°15	28°25	29°37	22♏16	13°54	6°35	28°45	21° 0	5♉43	5°36	10° 3	19°41	S 2
S 3	14 42 53	12°21'51	27° 8	20°51	29°39	0♊19	22°13	13°56	6°36	28°47	21° 1	5°43	5°33	10°10	19°45	S 3
M 4	14 46 50	13°19'56	9♐25	22°29	0♊52	1° 0	22°10	13°58	6°37	28°49	21° 3	5°42	5°29	10°17	19°48	M 4
T 5	14 50 47	14°18'01	21°55	24° 9	2° 6	1°42	22° 8	14° 0	6°38	28°52	21° 4	5°41	5°26	10°23	19°52	T 5
W 6	14 54 43	15°16'03	4♑37	25°50	3°19	2°24	22° 5	14° 2	6°39	28°54	21° 5	5°40	5°23	10°30	19°55	W 6
T 7	14 58 40	16°14'04	17°34	27°34	4°33	3° 6	22° 3	14° 4	6°40	28°56	21° 7	5°39	5°20	10°37	19°59	T 7
F 8	15 2 36	17°12'04	0♒48	29°19	5°46	3°47	22° 1	14° 5	6°42	28°58	21° 8	5°38	5°17	10°43	20° 2	F 8
S 9	15 6 33	18°10'03	14°20	1♉ 7	7° 0	4°29	21°59	14° 7	6°43	29° 0	21° 9	5°D37	5°14	10°50	20° 5	S 9
S 10	15 10 29	19° 8'00	28°11	2°56	8°13	5°10	21°57	14° 8	6°44	29° 3	21°11	5°38	5°10	10°57	20° 9	S 10
M11	15 14 26	20° 5'56	12♓20	4°47	9°26	5°52	21°56	14°10	6°46	29° 5	21°12	5°38	5° 7	11° 3	20°12	M11
T 12	15 18 23	21° 3'50	26°46	6°41	10°40	6°33	21°54	14°11	6°47	29° 7	21°13	5°39	5° 4	11°10	20°15	T 12
W13	15 22 19	22° 1'44	11♈27	8°36	11°53	7°15	21°53	14°12	6°49	29° 9	21°15	5°40	5° 1	11°17	20°18	W13
T 14	15 26 16	22°59'36	26°16	10°33	13° 6	7°56	21°52	14°13	6°50	29°11	21°16	5°41	4°58	11°23	20°22	T 14
F 15	15 30 12	23°57'26	11♉ 8	12°32	14°19	8°38	21°51	14°14	6°52	29°13	21°17	5°R41	4°54	11°30	20°25	F 15
S 16	15 34 9	24°55'16	25°54	14°32	15°33	9°19	21°51	14°15	6°53	29°15	21°19	5°40	4°51	11°37	20°28	S 16
S 17	15 38 5	25°53'04	10♊29	16°35	16°46	10° 0	21°50	14°16	6°55	29°17	21°20	5°39	4°48	11°43	20°31	S 17
M18	15 42 2	26°50'51	24°44	18°39	17°59	10°41	21°50	14°17	6°57	29°19	21°22	5°36	4°45	11°50	20°34	M18
T 19	15 45 58	27°48'36	8♋37	20°45	19°12	11°23	21°D50	14°17	6°59	29°21	21°23	5°33	4°42	11°57	20°37	T 19
W20	15 49 55	28°46'20	22° 4	22°52	20°25	12° 4	21°50	14°18	7° 0	29°24	21°24	5°30	4°39	12° 3	20°40	W20
T 21	15 53 52	29°44'02	5♌ 7	25° 0	21°39	12°45	21°50	14°18	7° 2	29°26	21°26	5°27	4°35	12°10	20°43	T 21
F 22	15 57 48	0♊41'42	17°46	27°10	22°52	13°26	21°51	14°19	7° 4	29°28	21°27	5°25	4°32	12°17	20°46	F 22
S 23	16 1 45	1°39'21	0♍ 6	29°20	24° 5	14° 7	21°51	14°19	7° 6	29°30	21°28	5°D25	4°29	12°23	20°49	S 23
S 24	16 5 41	2°36'58	12°11	1♊32	25°18	14°48	21°52	14°19	7° 8	29°32	21°30	5°25	4°26	12°30	20°52	S 24
M25	16 9 38	3°34'34	24° 6	3°43	26°31	15°29	21°53	14°R19	7°10	29°33	21°31	5°26	4°23	12°37	20°55	M25
T 26	16 13 34	4°32'08	5♎55	5°55	27°44	16°10	21°54	14°19	7°12	29°35	21°32	5°28	4°20	12°43	20°58	T 26
W27	16 17 31	5°29'41	17°44	8° 7	28°56	16°50	21°56	14°19	7°15	29°37	21°34	5°30	4°16	12°50	21° 1	W27
T 28	16 21 27	6°27'13	29°36	10°19	0♋ 9	17°31	21°57	14°18	7°17	29°39	21°35	5°R31	4°13	12°57	21° 4	T 28
F 29	16 25 24	7°24'43	11♏35	12°29	1°22	18°12	21°59	14°18	7°19	29°41	21°36	5°31	4°10	13° 3	21° 7	F 29
S 30	16 29 21	8°22'13	23°43	14°39	2°35	18°53	22° 1	14°18	7°21	29°43	21°38	5°29	4° 7	13°10	21° 9	S 30
S 31	16 33 17	9♊19'41	6♐ 4	16♊48	3♋48	19♊33	22♏ 3	14♒17	7♌24	29♈45	21♉39	5♉26	4♉ 4	13♎17	21♈12	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14n58	12s18	0n15	4n27	2s42	19n41	0n 9	20n22	0n26	4n25	1n30	17s19	0s40	19n16	0n38	9n27	1s41	4n12	14s17	13n26	13n25	1s53	8n48	1n12
S 2	15 16	17 10	0s51	5 6	2 39	20 0	0 11	20 31	0 27	4 26	1 29	17 18	0 40	19 16	0 38	9 28	1 41	4 13	14 17	13 26	13 24	1 57	8 49	1 12
S 3	15 34	21 25	1 56	5 45	2 35	20 19	0 14	20 41	0 28	4 27	1 29	17 18	0 40	19 16	0 38	9 28	1 41	4 13	14 17	13 26	13 23	2 0	8 50	1 12
M 4	15 51	24 47	2 56	6 25	2 31	20 37	0 16	20 50	0 28	4 28	1 29	17 17	0 40	19 15	0 38	9 29	1 41	4 13	14 17	13 26	13 22	2 3	8 51	1 12
T 5	16 9	27 1	3 49	7 6	2 26	20 54	0 19	20 59	0 29	4 29	1 29	17 17	0 40	19 15	0 38	9 30	1 41	4 14	14 17	13 26	13 21	2 7	8 53	1 12
W 6	16 26	27 54	4 32	7 48	2 21	21 11	0 21	21 8	0 29	4 30	1 29	17 17	0 41	19 15	0 38	9 31	1 41	4 14	14 17	13 25	13 20	2 10	8 54	1 11
T 7	16 42	27 17	5 1	8 30	2 15	21 27	0 24	21 17	0 30	4 31	1 28	17 16	0 41	19 14	0 38	9 32	1 41	4 15	14 17	13 25	13 19	2 13	8 55	1 11
F 8	16 59	25 7	5 16	9 13	2 9	21 43	0 26	21 25	0 30	4 31	1 28	17 16	0 41	19 14	0 38	9 32	1 41	4 15	14 17	13 25	13 17	2 17	8 56	1 11
S 9	17 15	21 32	5 13	9 57	2 3	21 58	0 29	21 33	0 31	4 32	1 28	17 16	0 41	19 14	0 38	9 33	1 41	4 15	14 17	13 24	13 16	2 20	8 58	1 11
S 10	17 31	16 41	4 53	10 41	1 56	22 13	0 31	21 42	0 31	4 32	1 28	17 15	0 41	19 13	0 38	9 34	1 41	4 16	14 17	13 24	13 15	2 23	8 59	1 11
M11	17 47	10 51	4 14	11 26	1 48	22 27	0 34	21 49	0 32	4 33	1 28	17 15	0 41	19 13	0 38	9 34	1 41	4 16	14 17	13 25	13 14	2 27	9 0	1 11
T 12	18 2	4 20	3 19	12 11	1 40	22 40	0 36	21 57	0 32	4 33	1 27	17 15	0 41	19 12	0 38	9 35	1 41	4 16	14 17	13 25	13 13	2 30	9 1	1 11
W13	18 17	2n32	2 10	12 56	1 31	22 52	0 39	22 5	0 33	4 33	1 27	17 15	0 42	19 12	0 38	9 36	1 41	4 17	14 17	13 25	13 12	2 33	9 2	1 11
T 14	18 32	9 20	0 52	13 41	1 23	23 4	0 41	22 12	0 33	4 33	1 27	17 14	0 42	19 12	0 38	9 37	1 41	4 17	14 17	13 26	13 11	2 37	9 4	1 11
F 15	18 47	15 39	0n30	14 27	1 13	23 16	0 44	22 19	0 34	4 34	1 27	17 14	0 42	19 11	0 38	9 37	1 41	4 17	14 17	13 26	13 10	2 40	9 5	1 11
S 16	19 1	21 1	1 49	15 12	1 4	23 26	0 46	22 26	0 34	4 34	1 26	17 14	0 42	19 11	0 38	9 38	1 41	4 18	14 17	13 25	13 9	2 43	9 6	1 11
S 17	19 15	25 1	3 0	15 57	0 54	23 36	0 49	22 33	0 35	4 34	1 26	17 14	0 42	19 10	0 38	9 39	1 42	4 18	14 17	13 25	13 8	2 47	9 7	1 11
M18	19 28	27 19	3 58	16 41	0 44	23 46	0 51	22 39	0 35	4 34	1 26	17 14	0 42	19 10	0 38	9 40	1 42	4 18	14 17	13 24	13 7	2 50	9 8	1 11
T 19	19 41	27 51	4 41	17 25	0 34	23 54	0 53	22 45	0 36	4 33	1 26	17 14	0 42	19 9	0 38	9 40	1 42	4 19	14 17	13 23	13 6	2 53	9 9	1 11
W20	19 54	26 41	5 6	18 8	0 23	24 2	0 56	22 51	0 36	4 33	1 25	17 14	0 43	19 9	0 38	9 41	1 42	4 19	14 17	13 22	13 5	2 57	9 10	1 11
T 21	20 7	24 5	5 15	18 50	0 13	24 9	0 58	22 57	0 37	4 33	1 25	17 14	0 43	19 8	0 38	9 42	1 42	4 19	14 17	13 21	13 4	3 0	9 12	1 11
F 22	20 19	20 23	5 7	19 31	0 2	24 16	1 0	23 3	0 37	4 32	1 25	17 14	0 43	19 8	0 38	9 42	1 42	4 20	14 17	13 20	13 3	3 3	9 13	1 11
S 23	20 31	15 54	4 46	20 10	0n 9	24 22	1 2	23 8	0 38	4 32	1 25	17 14	0 43	19 7	0 38	9 43	1 42	4 20	14 17	13 20	13 2	3 7	9 14	1 11
S 24	20 42	10 53	4 12	20 48	0 19	24 27	1 5	23 13	0 38	4 31	1 25	17 14	0 43	19 7	0 38	9 44	1 42	4 20	14 17	13 20	13 0	3 10	9 15	1 11
M25	20 53	5 32	3 28	21 24	0 29	24 31	1 7	23 18	0 39	4 31	1 24	17 14	0 43	19 6	0 38	9 44	1 42	4 21	14 17	13 21	12 59	3 13	9 16	1 11
T 26	21 4	0 1	2 35	21 58	0 39	24 35	1 9	23 23	0 39	4 30	1 24	17 15	0 44	19 6	0 38	9 45	1 42	4 21	14 17	13 21	12 58	3 17	9 17	1 11
W27	21 14	5s29	1 36	22 29	0 49	24 38	1 11	23 28	0 40	4 29	1 24	17 15	0 44	19 5	0 38	9 46	1 42	4 21	14 17	13 22	12 57	3 20	9 18	1 11
T 28	21 24	10 50	0 32	22 59	0 59	24 40	1 13	23 32	0 40	4 28	1 24	17 15	0 44	19 4	0 38	9 46	1 42	4 21	14 17	13 22	12 56	3 23	9 19	1 11
F 29	21 34	15 51	0s33	23 26	1 7	24 42	1 15	23 36	0 41	4 28	1 23	17 15	0 44	19 4	0 38	9 47	1 42	4 22	14 17	13 22	12 55	3 27	9 20	1 11
S 30	21 43	20 18	1 38	23 50	1 16	24 43	1 17	23 40	0 41	4 27	1 23	17 16	0 44	19 3	0 38	9 47	1 42	4 22	14 17	13 22	12 54	3 30	9 21	1 11
S 31	21n52	23s57	2s39	24n11	1n24	24n43	1n19	23n44	0n42	4n26	1n23	17s16	0s44	19n 3	0n38	9n48	1s42	4n22	14s17	13n21	12n53	3s34	9n22	1n11

Julian Day Number = 2405644.5, Delta T = -0.84 sec
Ecliptic obliquity = 23°27'28, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°59'07, Lahiri = 22°06'08

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ASTRODIENST EPHEMERIS for the year 1874
geocentric

JUNE 1874 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 37 14	10♊17'08	18♐39	18♊56	5♋ 0	20♊14	22♍ 5	14°R16	7♌26	29♈47	21♉40	5°R22	4♉ 0	13♎23	21♈15	M 1
T 2	16 41 10	11°14'34	1♑27	21° 1	6°13	20°55	22° 7	14♒16	7°28	29°48	21°41	5♉16	3°57	13°30	21°17	T 2
W 3	16 45 7	12°12'00	14°30	23° 6	7°26	21°35	22°10	14°15	7°31	29°50	21°43	5°10	3°54	13°37	21°20	W 3
T 4	16 49 3	13° 9'25	27°46	25° 8	8°39	22°16	22°13	14°14	7°33	29°52	21°44	5° 4	3°51	13°43	21°23	T 4
F 5	16 53 0	14° 6'49	11♒14	27° 8	9°51	22°56	22°16	14°13	7°36	29°54	21°45	5° 0	3°48	13°50	21°25	F 5
S 6	16 56 56	15° 4'12	24°55	29° 6	11° 4	23°37	22°19	14°12	7°38	29°56	21°47	4°56	3°45	13°56	21°28	S 6
S 7	17 0 53	16° 1'34	8♓47	1♋ 1	12°16	24°17	22°22	14°10	7°41	29°57	21°48	4°55	3°41	14° 3	21°30	S 7
M 8	17 4 50	16°58'56	22°50	2°55	13°29	24°57	22°25	14° 9	7°44	29°59	21°49	4°D54	3°38	14°10	21°33	M 8
T 9	17 8 46	17°56'18	7♈ 3	4°46	14°41	25°38	22°29	14° 8	7°46	0♉ 1	21°50	4°55	3°35	14°16	21°35	T 9
W10	17 12 43	18°53'39	21°23	6°34	15°54	26°18	22°33	14° 6	7°49	0° 2	21°51	4°57	3°32	14°23	21°37	W10
T 11	17 16 39	19°51'00	5♉48	8°20	17° 6	26°58	22°37	14° 5	7°52	0° 4	21°53	4°R57	3°29	14°30	21°40	T 11
F 12	17 20 36	20°48'20	20°16	10° 4	18°19	27°39	22°41	14° 3	7°54	0° 5	21°54	4°56	3°26	14°36	21°42	F 12
S 13	17 24 32	21°45'40	4♊40	11°45	19°31	28°19	22°45	14° 1	7°57	0° 7	21°55	4°53	3°22	14°43	21°44	S 13
S 14	17 28 29	22°42'59	18°56	13°24	20°43	28°59	22°49	13°59	8° 0	0° 9	21°56	4°48	3°19	14°50	21°46	S 14
M15	17 32 25	23°40'18	2♋59	15° 0	21°56	29°39	22°54	13°57	8° 3	0°10	21°58	4°41	3°16	14°56	21°48	M15
T 16	17 36 22	24°37'36	16°44	16°33	23° 8	0♋19	22°59	13°55	8° 6	0°12	21°59	4°33	3°13	15° 3	21°50	T 16
W17	17 40 19	25°34'54	0♌ 7	18° 4	24°20	0°59	23° 3	13°53	8° 9	0°13	22° 0	4°25	3°10	15°10	21°52	W17
T 18	17 44 15	26°32'11	13° 9	19°32	25°32	1°39	23° 8	13°51	8°12	0°15	22° 1	4°17	3° 6	15°16	21°54	T 18
F 19	17 48 12	27°29'27	25°48	20°58	26°44	2°19	23°14	13°49	8°15	0°16	22° 2	4°11	3° 3	15°23	21°56	F 19
S 20	17 52 8	28°26'42	8♍ 9	22°21	27°56	2°59	23°19	13°46	8°18	0°17	22° 3	4° 7	3° 0	15°30	21°58	S 20
S 21	17 56 5	29°23'57	20°15	23°41	29° 9	3°39	23°24	13°44	8°21	0°19	22° 4	4° 5	2°57	15°36	22° 0	S 21
M22	18 0 1	0♋21'11	2♎10	24°59	0♌21	4°19	23°30	13°41	8°24	0°20	22° 6	4°D 4	2°54	15°43	22° 2	M22
T 23	18 3 58	1°18'24	13°59	26°14	1°33	4°59	23°36	13°38	8°27	0°21	22° 7	4° 5	2°51	15°50	22° 4	T 23
W24	18 7 54	2°15'37	25°49	27°26	2°44	5°39	23°42	13°36	8°30	0°23	22° 8	4° 6	2°47	15°56	22° 5	W24
T 25	18 11 51	3°12'49	7♏43	28°35	3°56	6°19	23°48	13°33	8°33	0°24	22° 9	4°R 6	2°44	16° 3	22° 7	T 25
F 26	18 15 48	4°10'01	19°47	29°41	5° 8	6°58	23°54	13°30	8°37	0°25	22°10	4° 5	2°41	16°10	22° 9	F 26
S 27	18 19 44	5° 7'13	2♐ 4	0♌44	6°20	7°38	24° 0	13°27	8°40	0°26	22°11	4° 1	2°38	16°16	22°10	S 27
S 28	18 23 41	6° 4'24	14°38	1°44	7°32	8°18	24° 7	13°24	8°43	0°28	22°12	3°55	2°35	16°23	22°12	S 28
M29	18 27 37	7° 1'35	27°29	2°40	8°43	8°57	24°13	13°21	8°46	0°29	22°13	3°47	2°32	16°29	22°13	M29
T 30	18 31 34	7♋58'46	10♑39	3♌34	9♌55	9♋37	24♍20	13♒18	8♌50	0♉30	22♉14	3♉38	2♉28	16♎36	22♈15	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 0	26s31	3s34	24n30	1n31	24n42	1n21	23n48	0n42	4n25	1n23	17s16	0s44	19n 2	0n38	9n49	1s42	4n22	14s17	13n19	12n52	3s37	9n23	1n11
T 2	22 9	27 45	4 18	24 46	1 37	24 41	1 22	23 51	0 42	4 23	1 22	17 17	0 45	19 1	0 38	9 49	1 42	4 23	14 17	13 17	12 51	3 40	9 24	1 11
W 3	22 16	27 29	4 51	25 0	1 43	24 39	1 24	23 54	0 43	4 22	1 22	17 17	0 45	19 1	0 38	9 50	1 42	4 23	14 17	13 15	12 50	3 44	9 25	1 11
T 4	22 24	25 39	5 8	25 10	1 48	24 36	1 26	23 57	0 43	4 21	1 22	17 17	0 45	19 0	0 38	9 50	1 42	4 23	14 17	13 13	12 49	3 47	9 26	1 11
F 5	22 31	22 21	5 9	25 18	1 53	24 33	1 27	24 0	0 44	4 19	1 22	17 18	0 45	18 59	0 38	9 51	1 42	4 23	14 17	13 12	12 48	3 50	9 27	1 11
S 6	22 37	17 48	4 52	25 24	1 57	24 28	1 29	24 2	0 44	4 18	1 22	17 18	0 45	18 59	0 38	9 52	1 42	4 24	14 17	13 11	12 46	3 54	9 28	1 11
S 7	22 43	12 16	4 18	25 27	1 59	24 24	1 30	24 5	0 45	4 17	1 21	17 19	0 45	18 58	0 38	9 52	1 42	4 24	14 17	13 10	12 45	3 57	9 29	1 10
M 8	22 49	6 2	3 28	25 27	2 2	24 18	1 32	24 7	0 45	4 15	1 21	17 19	0 45	18 57	0 38	9 53	1 42	4 24	14 18	13 10	12 44	4 0	9 30	1 10
T 9	22 55	0n34	2 25	25 25	2 3	24 12	1 33	24 9	0 45	4 13	1 21	17 20	0 46	18 57	0 38	9 53	1 42	4 24	14 18	13 10	12 43	4 4	9 30	1 10
W10	23 0	7 13	1 13	25 21	2 4	24 5	1 35	24 10	0 46	4 12	1 21	17 20	0 46	18 56	0 37	9 54	1 42	4 24	14 18	13 11	12 42	4 7	9 31	1 10
T 11	23 4	13 32	0n 5	25 15	2 4	23 57	1 36	24 12	0 46	4 10	1 20	17 21	0 46	18 55	0 37	9 54	1 42	4 25	14 18	13 11	12 41	4 10	9 32	1 10
F 12	23 8	19 8	1 22	25 7	2 3	23 49	1 37	24 13	0 47	4 8	1 20	17 22	0 46	18 54	0 37	9 55	1 42	4 25	14 18	13 11	12 40	4 14	9 33	1 10
S 13	23 12	23 36	2 34	24 57	2 1	23 39	1 38	24 14	0 47	4 6	1 20	17 22	0 46	18 54	0 37	9 55	1 43	4 25	14 18	13 10	12 39	4 17	9 34	1 10
S 14	23 15	26 34	3 35	24 45	1 59	23 30	1 39	24 15	0 48	4 4	1 20	17 23	0 46	18 53	0 37	9 56	1 43	4 25	14 18	13 8	12 38	4 20	9 35	1 10
M15	23 18	27 47	4 22	24 32	1 56	23 19	1 40	24 15	0 48	4 2	1 20	17 24	0 47	18 52	0 37	9 56	1 43	4 25	14 18	13 6	12 37	4 24	9 35	1 10
T 16	23 21	27 15	4 52	24 17	1 52	23 8	1 41	24 16	0 48	4 0	1 19	17 24	0 47	18 51	0 37	9 57	1 43	4 26	14 18	13 3	12 36	4 27	9 36	1 10
W17	23 23	25 7	5 6	24 1	1 48	22 57	1 42	24 16	0 49	3 58	1 19	17 25	0 47	18 51	0 37	9 57	1 43	4 26	14 19	13 0	12 35	4 30	9 37	1 10
T 18	23 25	21 43	5 3	23 44	1 43	22 44	1 43	24 16	0 49	3 56	1 19	17 26	0 47	18 50	0 37	9 58	1 43	4 26	14 19	12 58	12 33	4 34	9 38	1 10
F 19	23 26	17 24	4 46	23 25	1 37	22 31	1 44	24 16	0 50	3 54	1 19	17 27	0 47	18 49	0 37	9 58	1 43	4 26	14 19	12 55	12 32	4 37	9 38	1 10
S 20	23 27	12 27	4 15	23 5	1 30	22 18	1 44	24 15	0 50	3 51	1 18	17 28	0 47	18 48	0 37	9 59	1 43	4 26	14 19	12 54	12 31	4 40	9 39	1 10
S 21	23 27	7 8	3 33	22 45	1 23	22 3	1 45	24 15	0 50	3 49	1 18	17 28	0 47	18 47	0 37	9 59	1 43	4 26	14 19	12 53	12 30	4 44	9 40	1 10
M22	23 27	1 38	2 43	22 24	1 16	21 49	1 45	24 14	0 51	3 47	1 18	17 29	0 48	18 47	0 37	9 59	1 43	4 26	14 19	12 53	12 29	4 47	9 40	1 10
T 23	23 27	3s54	1 46	22 2	1 8	21 33	1 46	24 13	0 51	3 44	1 18	17 30	0 48	18 46	0 37	10 0	1 43	4 26	14 19	12 53	12 28	4 50	9 41	1 10
W24	23 26	9 18	0 44	21 39	0 59	21 17	1 46	24 12	0 51	3 42	1 18	17 31	0 48	18 45	0 37	10 0	1 43	4 27	14 20	12 54	12 27	4 54	9 42	1 10
T 25	23 25	14 24	0s19	21 16	0 49	21 1	1 46	24 10	0 52	3 39	1 17	17 32	0 48	18 44	0 37	10 1	1 43	4 27	14 20	12 54	12 26	4 57	9 42	1 10
F 26	23 24	19 2	1 23	20 53	0 40	20 43	1 47	24 9	0 52	3 36	1 17	17 33	0 48	18 43	0 37	10 1	1 43	4 27	14 20	12 53	12 25	5 0	9 43	1 10
S 27	23 21	22 56	2 24	20 29	0 29	20 26	1 47	24 7	0 53	3 34	1 17	17 34	0 48	18 42	0 37	10 1	1 43	4 27	14 20	12 52	12 24	5 4	9 43	1 10
S 28	23 19	25 52	3 19	20 5	0 18	20 7	1 47	24 5	0 53	3 31	1 17	17 35	0 48	18 42	0 37	10 2	1 43	4 27	14 20	12 50	12 23	5 7	9 44	1 10
M29	23 16	27 31	4 5	19 41	0 7	19 49	1 47	24 2	0 53	3 28	1 17	17 36	0 49	18 41	0 37	10 2	1 43	4 27	14 20	12 47	12 22	5 10	9 45	1 10
T 30	23n13	27s40	4s39	19n17	0s 5	19n29	1n47	24n 0	0n54	3n25	1n16	17s37	0s49	18n40	0n37	10n 2	1s43	4n27	14s21	12n44	12n20	5s14	9n45	1n10

Julian Day Number = 2405675.5, Delta T = -0.88 sec
Ecliptic obliquity = 23°27'27, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°59'11, Lahiri = 22°06'12

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ASTRODIENST EPHEMERIS for the year 1874
geocentric

JULY 1874 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 35 30	8♋55'57	24♉ 5	4♌24	11♌ 7	10♋16	24♍27	13°R15	8♌53	0♉31	22♉15	3°R27	2♉25	16♎43	22♈16	W 1
T 2	18 39 27	9°53'07	7♒45	5°10	12°18	10°56	24°34	13♒11	8°56	0°32	22°16	3♉17	2°22	16°49	22°17	T 2
F 3	18 43 24	10°50'18	21°37	5°53	13°30	11°36	24°41	13° 8	9° 0	0°33	22°17	3° 8	2°19	16°56	22°19	F 3
S 4	18 47 20	11°47'29	5♓37	6°31	14°41	12°15	24°48	13° 5	9° 3	0°34	22°18	3° 1	2°16	17° 3	22°20	S 4
S 5	18 51 17	12°44'40	19°41	7° 6	15°53	12°55	24°55	13° 1	9° 6	0°35	22°19	2°57	2°12	17° 9	22°21	S 5
M 6	18 55 13	13°41'52	3♈48	7°37	17° 4	13°34	25° 3	12°58	9°10	0°36	22°20	2°55	2° 9	17°16	22°22	M 6
T 7	18 59 10	14°39'04	17°56	8° 4	18°15	14°13	25°11	12°54	9°13	0°37	22°21	2°D55	2° 6	17°23	22°23	T 7
W 8	19 3 6	15°36'16	2♉ 4	8°26	19°26	14°53	25°18	12°50	9°17	0°38	22°21	2°R55	2° 3	17°29	22°24	W 8
T 9	19 7 3	16°33'29	16°11	8°44	20°38	15°32	25°26	12°47	9°20	0°39	22°22	2°54	2° 0	17°36	22°25	T 9
F 10	19 10 59	17°30'42	0♊15	8°58	21°49	16°11	25°34	12°43	9°24	0°39	22°23	2°52	1°57	17°43	22°26	F 10
S 11	19 14 56	18°27'56	14°14	9° 6	23° 0	16°51	25°42	12°39	9°27	0°40	22°24	2°47	1°53	17°49	22°27	S 11
S 12	19 18 53	19°25'11	28° 6	9°R10	24°11	17°30	25°50	12°35	9°31	0°41	22°25	2°39	1°50	17°56	22°28	S 12
M13	19 22 49	20°22'26	11♋46	9°10	25°22	18° 9	25°59	12°31	9°34	0°42	22°26	2°29	1°47	18° 3	22°29	M13
T 14	19 26 46	21°19'41	25°13	9° 4	26°33	18°48	26° 7	12°27	9°38	0°42	22°26	2°17	1°44	18° 9	22°29	T 14
W15	19 30 42	22°16'57	8♌23	8°54	27°44	19°28	26°16	12°23	9°41	0°43	22°27	2° 5	1°41	18°16	22°30	W15
T 16	19 34 39	23°14'12	21°15	8°38	28°55	20° 7	26°24	12°19	9°45	0°44	22°28	1°54	1°38	18°23	22°31	T 16
F 17	19 38 35	24°11'28	3♍49	8°19	0♍ 6	20°46	26°33	12°15	9°49	0°44	22°29	1°44	1°34	18°29	22°31	F 17
S 18	19 42 32	25° 8'45	16° 7	7°55	1°16	21°25	26°42	12°11	9°52	0°45	22°29	1°36	1°31	18°36	22°32	S 18
S 19	19 46 28	26° 6'01	28°11	7°26	2°27	22° 4	26°51	12° 7	9°56	0°45	22°30	1°32	1°28	18°43	22°32	S 19
M20	19 50 25	27° 3'18	10♎ 4	6°54	3°37	22°43	27° 0	12° 2	10° 0	0°46	22°31	1°29	1°25	18°49	22°32	M20
T 21	19 54 22	28° 0'35	21°53	6°19	4°48	23°22	27° 9	11°58	10° 3	0°46	22°31	1°28	1°22	18°56	22°33	T 21
W22	19 58 18	28°57'52	3♏43	5°41	5°58	24° 1	27°19	11°54	10° 7	0°47	22°32	1°28	1°18	19° 2	22°33	W22
T 23	20 2 15	29°55'10	15°38	5° 0	7° 9	24°40	27°28	11°49	10°11	0°47	22°33	1°28	1°15	19° 9	22°33	T 23
F 24	20 6 11	0♌52'28	27°44	4°18	8°19	25°19	27°37	11°45	10°14	0°48	22°33	1°26	1°12	19°16	22°33	F 24
S 25	20 10 8	1°49'47	10♐ 6	3°35	9°29	25°58	27°47	11°41	10°18	0°48	22°34	1°22	1° 9	19°22	22°34	S 25
S 26	20 14 4	2°47'07	22°48	2°51	10°39	26°37	27°57	11°36	10°22	0°48	22°35	1°16	1° 6	19°29	22°34	S 26
M27	20 18 1	3°44'26	5♑52	2° 9	11°50	27°16	28° 6	11°32	10°25	0°49	22°35	1° 7	1° 3	19°36	22°R34	M27
T 28	20 21 57	4°41'47	19°18	1°27	13° 0	27°55	28°16	11°28	10°29	0°49	22°36	0°56	0°59	19°42	22°34	T 28
W29	20 25 54	5°39'08	3♒ 6	0°48	14° 9	28°34	28°26	11°23	10°33	0°49	22°36	0°44	0°56	19°49	22°33	W29
T 30	20 29 51	6°36'30	17°11	0°12	15°19	29°12	28°36	11°19	10°36	0°49	22°37	0°33	0°53	19°56	22°33	T 30
F 31	20 33 47	7♌33'53	1♓28	29♋39	16♍29	29♋51	28♍46	11♒14	10♌40	0♉49	22♉37	0♉23	0♉50	20♎ 2	22♈33	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 9	26s13	4s59	18n53	0s18	19n 9	1n46	23n57	0n54	3n22	1n16	17s38	0s49	18n39	0n37	10n 3	1s43	4n27	14s21	12n41	12n19	5s17	9n46	1n10
T 2	23 5	23 12	5 2	18 30	0 31	18 49	1 46	23 55	0 54	3 19	1 16	17 39	0 49	18 38	0 37	10 3	1 43	4 27	14 21	12 37	12 18	5 20	9 46	1 10
F 3	23 1	18 50	4 47	18 7	0 44	18 28	1 46	23 51	0 55	3 16	1 16	17 40	0 49	18 37	0 37	10 3	1 44	4 27	14 21	12 34	12 17	5 24	9 47	1 10
S 4	22 56	13 25	4 16	17 44	0 57	18 7	1 45	23 48	0 55	3 13	1 16	17 41	0 49	18 36	0 37	10 4	1 44	4 27	14 21	12 32	12 16	5 27	9 47	1 10
S 5	22 51	7 17	3 28	17 22	1 11	17 45	1 45	23 45	0 55	3 10	1 15	17 43	0 49	18 35	0 37	10 4	1 44	4 27	14 22	12 30	12 15	5 30	9 47	1 10
M 6	22 45	0 45	2 28	17 0	1 26	17 23	1 44	23 41	0 56	3 7	1 15	17 44	0 49	18 34	0 37	10 4	1 44	4 27	14 22	12 30	12 14	5 34	9 48	1 10
T 7	22 39	5n50	1 19	16 39	1 40	17 0	1 43	23 38	0 56	3 4	1 15	17 45	0 50	18 34	0 37	10 5	1 44	4 27	14 22	12 30	12 13	5 37	9 48	1 10
W 8	22 33	12 8	0 5	16 19	1 55	16 37	1 42	23 34	0 56	3 1	1 15	17 46	0 50	18 33	0 37	10 5	1 44	4 27	14 22	12 30	12 12	5 40	9 49	1 10
T 9	22 26	17 48	1n10	16 1	2 9	16 14	1 42	23 29	0 57	2 57	1 15	17 47	0 50	18 32	0 37	10 5	1 44	4 27	14 22	12 29	12 11	5 44	9 49	1 10
F 10	22 19	22 29	2 20	15 43	2 24	15 50	1 41	23 25	0 57	2 54	1 14	17 48	0 50	18 31	0 37	10 5	1 44	4 27	14 23	12 29	12 9	5 47	9 49	1 10
S 11	22 11	25 50	3 20	15 26	2 39	15 26	1 40	23 21	0 57	2 51	1 14	17 50	0 50	18 30	0 37	10 5	1 44	4 27	14 23	12 27	12 8	5 50	9 50	1 10
S 12	22 3	27 35	4 9	15 11	2 53	15 1	1 38	23 16	0 58	2 47	1 14	17 51	0 50	18 29	0 37	10 6	1 44	4 27	14 23	12 24	12 7	5 54	9 50	1 10
M13	21 55	27 37	4 42	14 58	3 8	14 36	1 37	23 11	0 58	2 44	1 14	17 52	0 50	18 28	0 37	10 6	1 44	4 27	14 23	12 21	12 6	5 57	9 50	1 10
T 14	21 46	26 0	4 59	14 45	3 22	14 11	1 36	23 6	0 58	2 40	1 14	17 53	0 50	18 27	0 37	10 6	1 44	4 27	14 24	12 17	12 5	6 0	9 50	1 10
W15	21 37	22 59	4 59	14 35	3 35	13 45	1 34	23 1	0 59	2 37	1 14	17 54	0 51	18 26	0 37	10 6	1 44	4 27	14 24	12 12	12 4	6 4	9 51	1 10
T 16	21 27	18 54	4 44	14 26	3 48	13 19	1 33	22 55	0 59	2 33	1 13	17 56	0 51	18 25	0 37	10 6	1 44	4 27	14 24	12 8	12 3	6 7	9 51	1 10
F 17	21 18	14 5	4 16	14 19	4 1	12 52	1 31	22 50	0 59	2 29	1 13	17 57	0 51	18 24	0 37	10 7	1 44	4 27	14 24	12 5	12 2	6 10	9 51	1 10
S 18	21 7	8 48	3 36	14 14	4 12	12 26	1 30	22 44	0 59	2 26	1 13	17 58	0 51	18 23	0 37	10 7	1 44	4 27	14 24	12 3	12 1	6 14	9 51	1 10
S 19	20 57	3 16	2 47	14 11	4 23	11 59	1 28	22 38	1 0	2 22	1 13	18 0	0 51	18 22	0 37	10 7	1 44	4 27	14 25	12 1	12 0	6 17	9 51	1 10
M20	20 46	2s18	1 51	14 10	4 32	11 31	1 26	22 32	1 0	2 18	1 13	18 1	0 51	18 21	0 37	10 7	1 45	4 27	14 25	12 0	11 58	6 20	9 52	1 10
T 21	20 35	7 45	0 51	14 11	4 40	11 4	1 24	22 25	1 0	2 15	1 13	18 2	0 51	18 20	0 37	10 7	1 45	4 27	14 25	12 0	11 57	6 24	9 52	1 10
W22	20 23	12 57	0s12	14 14	4 47	10 36	1 22	22 19	1 1	2 11	1 12	18 3	0 51	18 19	0 37	10 7	1 45	4 27	14 25	12 0	11 56	6 27	9 52	1 10
T 23	20 11	17 43	1 14	14 18	4 52	10 8	1 20	22 12	1 1	2 7	1 12	18 5	0 51	18 18	0 37	10 7	1 45	4 27	14 26	12 0	11 55	6 30	9 52	1 10
F 24	19 59	21 51	2 14	14 25	4 55	9 39	1 18	22 6	1 1	2 3	1 12	18 6	0 52	18 17	0 37	10 7	1 45	4 27	14 26	11 59	11 54	6 33	9 52	1 10
S 25	19 46	25 6	3 9	14 33	4 57	9 11	1 15	21 59	1 1	1 59	1 12	18 7	0 52	18 16	0 37	10 7	1 45	4 26	14 26	11 58	11 53	6 37	9 52	1 10
S 26	19 33	27 12	3 56	14 42	4 57	8 42	1 13	21 51	1 2	1 55	1 12	18 9	0 52	18 15	0 37	10 7	1 45	4 26	14 26	11 55	11 52	6 40	9 52	1 10
M27	19 20	27 52	4 32	14 54	4 56	8 13	1 10	21 44	1 2	1 51	1 12	18 10	0 52	18 14	0 37	10 7	1 45	4 26	14 27	11 52	11 51	6 43	9 52	1 10
T 28	19 6	26 55	4 54	15 6	4 52	7 44	1 8	21 37	1 2	1 47	1 12	18 11	0 52	18 13	0 37	10 7	1 45	4 26	14 27	11 48	11 50	6 47	9 52	1 10
W29	18 52	24 21	5 0	15 19	4 47	7 15	1 5	21 29	1 3	1 43	1 11	18 13	0 52	18 12	0 37	10 7	1 45	4 26	14 27	11 44	11 49	6 50	9 52	1 10
T 30	18 38	20 16	4 48	15 34	4 40	6 45	1 3	21 21	1 3	1 39	1 11	18 14	0 52	18 11	0 37	10 7	1 45	4 26	14 27	11 40	11 47	6 53	9 52	1 10
F 31	18n24	14s58	4s18	15n49	4s31	6n15	1n 0	21n14	1n 3	1n34	1n11	18s15	0s52	18n10	0n37	10n 7	1s45	4n26	14s28	11n37	11n46	6s57	9n52	1n10

Julian Day Number = 2405705.5, Delta T = -0.92 sec
Ecliptic obliquity = 23°27'27, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°59'16, Lahiri = 22°06'16

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1874
geocentric

AUGUST 1874 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 37 44	8♌31'16	15♓52	29°R11	17♍39	0♌30	28♍57	11°R10	10♌44	0♉49	22♉38	0°R15	0♉47	20♎ 9	22°R33	S 1
S 2	20 41 40	9°28'41	0♈17	28♋47	18°48	1° 9	29° 7	11♒ 5	10°47	0°49	22°38	0♉10	0°44	20°16	22♈32	S 2
M 3	20 45 37	10°26'07	14°39	28°29	19°58	1°47	29°17	11° 1	10°51	0°50	22°38	0° 8	0°40	20°22	22°32	M 3
T 4	20 49 33	11°23'34	28°54	28°16	21° 7	2°26	29°28	10°56	10°55	0°R50	22°39	0°D 7	0°37	20°29	22°32	T 4
W 5	20 53 30	12°21'03	13♉ 1	28°D10	22°17	3° 5	29°38	10°52	10°59	0°50	22°39	0°R 7	0°34	20°36	22°31	W 5
T 6	20 57 26	13°18'33	26°59	28°10	23°26	3°43	29°49	10°47	11° 2	0°49	22°40	0° 6	0°31	20°42	22°31	T 6
F 7	21 1 23	14°16'05	10♊47	28°17	24°35	4°22	29°59	10°43	11° 6	0°49	22°40	0° 4	0°28	20°49	22°30	F 7
S 8	21 5 20	15°13'37	24°25	28°30	25°44	5° 0	0♎10	10°38	11°10	0°49	22°40	29♈59	0°24	20°55	22°29	S 8
S 9	21 9 16	16°11'12	7♋54	28°51	26°53	5°39	0°21	10°34	11°13	0°49	22°40	29°52	0°21	21° 2	22°29	S 9
M10	21 13 13	17° 8'47	21°11	29°18	28° 2	6°18	0°32	10°30	11°17	0°49	22°41	29°42	0°18	21° 9	22°28	M10
T 11	21 17 9	18° 6'24	4♌15	29°53	29°11	6°56	0°43	10°25	11°21	0°49	22°41	29°31	0°15	21°15	22°27	T 11
W12	21 21 6	19° 4'02	17° 6	0♌34	0♎20	7°35	0°54	10°21	11°25	0°48	22°41	29°19	0°12	21°22	22°26	W12
T 13	21 25 2	20° 1'41	29°44	1°22	1°28	8°13	1° 5	10°16	11°28	0°48	22°41	29° 7	0° 9	21°29	22°25	T 13
F 14	21 28 59	20°59'21	12♍ 7	2°17	2°37	8°52	1°17	10°12	11°32	0°48	22°42	28°57	0° 5	21°35	22°24	F 14
S 15	21 32 55	21°57'03	24°16	3°18	3°45	9°30	1°28	10° 8	11°36	0°48	22°42	28°50	0° 2	21°42	22°23	S 15
S 16	21 36 52	22°54'45	6♎15	4°25	4°53	10° 9	1°39	10° 3	11°39	0°47	22°42	28°45	29♈59	21°49	22°22	S 16
M17	21 40 49	23°52'29	18° 6	5°38	6° 2	10°47	1°51	9°59	11°43	0°47	22°42	28°43	29°56	21°55	22°21	M17
T 18	21 44 45	24°50'14	29°54	6°58	7°10	11°25	2° 2	9°55	11°47	0°46	22°42	28°D42	29°53	22° 2	22°20	T 18
W19	21 48 42	25°48'00	11♏42	8°22	8°18	12° 4	2°14	9°51	11°50	0°46	22°42	28°42	29°50	22° 9	22°19	W19
T 20	21 52 38	26°45'47	23°36	9°52	9°25	12°42	2°25	9°46	11°54	0°45	22°42	28°R43	29°46	22°15	22°18	T 20
F 21	21 56 35	27°43'36	5♐41	11°26	10°33	13°20	2°37	9°42	11°58	0°45	22°42	28°43	29°43	22°22	22°16	F 21
S 22	22 0 31	28°41'26	18° 3	13° 4	11°41	13°59	2°48	9°38	12° 1	0°44	22°42	28°41	29°40	22°29	22°15	S 22
S 23	22 4 28	29°39'17	0♑47	14°46	12°48	14°37	3° 0	9°34	12° 5	0°44	22°R42	28°37	29°37	22°35	22°13	S 23
M24	22 8 24	0♍37'09	13°55	16°32	13°55	15°15	3°12	9°30	12° 8	0°43	22°42	28°31	29°34	22°42	22°12	M24
T 25	22 12 21	1°35'02	27°29	18°20	15° 3	15°54	3°24	9°26	12°12	0°42	22°42	28°23	29°30	22°48	22°11	T 25
W26	22 16 18	2°32'57	11♒29	20°11	16°10	16°32	3°36	9°22	12°15	0°42	22°42	28°14	29°27	22°55	22° 9	W26
T 27	22 20 14	3°30'53	25°51	22° 4	17°16	17°10	3°48	9°18	12°19	0°41	22°42	28° 5	29°24	23° 2	22° 7	T 27
F 28	22 24 11	4°28'51	10♓30	23°59	18°23	17°48	4° 0	9°14	12°22	0°40	22°42	27°58	29°21	23° 8	22° 6	F 28
S 29	22 28 7	5°26'50	25°18	25°54	19°30	18°26	4°12	9°11	12°26	0°39	22°42	27°52	29°18	23°15	22° 4	S 29
S 30	22 32 4	6°24'51	10♈ 8	27°51	20°36	19° 5	4°24	9° 7	12°29	0°39	22°42	27°49	29°15	23°22	22° 2	S 30
M31	22 36 0	7♍22'54	24♈51	29♌48	21♎43	19♌43	4♎36	9♒ 3	12♌33	0♉38	22♉42	27°D47	29♈11	23♎28	22♈ 1	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 9	8s49	3s31	16n 4	4s21	5n46	0n57	21n 5	1n 3	1n30	1n11	18s17	0s52	18n 9	0n37	10n 7	1s45	4n26	14s28	11n34	11n45	7s 0	9n52	1n10
S 2	17 54	2 11	2 31	16 20	4 10	5 16	0 54	20 57	1 4	1 26	1 11	18 18	0 52	18 8	0 37	10 7	1 45	4 25	14 28	11 32	11 44	7 3	9 51	1 10
M 3	17 38	4n32	1 21	16 36	3 58	4 45	0 51	20 49	1 4	1 22	1 11	18 19	0 52	18 7	0 37	10 7	1 45	4 25	14 28	11 31	11 43	7 7	9 51	1 10
T 4	17 23	11 0	0 6	16 52	3 44	4 15	0 48	20 40	1 4	1 18	1 11	18 21	0 53	18 6	0 37	10 7	1 45	4 25	14 29	11 31	11 42	7 10	9 51	1 10
W 5	17 7	16 50	1n 8	17 7	3 29	3 45	0 45	20 32	1 4	1 13	1 10	18 22	0 53	18 5	0 37	10 7	1 46	4 25	14 29	11 31	11 41	7 13	9 51	1 10
T 6	16 50	21 43	2 17	17 22	3 14	3 15	0 41	20 23	1 5	1 9	1 10	18 23	0 53	18 4	0 37	10 7	1 46	4 25	14 29	11 31	11 40	7 17	9 51	1 10
F 7	16 34	25 20	3 18	17 36	2 58	2 44	0 38	20 14	1 5	1 5	1 10	18 24	0 53	18 3	0 37	10 7	1 46	4 25	14 30	11 30	11 39	7 20	9 50	1 10
S 8	16 17	27 26	4 6	17 50	2 42	2 14	0 35	20 5	1 5	1 0	1 10	18 26	0 53	18 2	0 37	10 7	1 46	4 24	14 30	11 29	11 37	7 23	9 50	1 10
S 9	16 0	27 53	4 40	18 2	2 26	1 43	0 31	19 56	1 5	0 56	1 10	18 27	0 53	18 1	0 37	10 7	1 46	4 24	14 30	11 26	11 36	7 26	9 50	1 10
M10	15 43	26 42	4 58	18 13	2 9	1 12	0 28	19 46	1 6	0 51	1 10	18 28	0 53	18 0	0 37	10 7	1 46	4 24	14 30	11 22	11 35	7 30	9 50	1 10
T 11	15 25	24 4	5 1	18 22	1 52	0 41	0 24	19 37	1 6	0 47	1 10	18 30	0 53	17 59	0 37	10 7	1 46	4 24	14 31	11 18	11 34	7 33	9 49	1 10
W12	15 7	20 17	4 48	18 30	1 35	0 11	0 20	19 27	1 6	0 42	1 10	18 31	0 53	17 58	0 37	10 7	1 46	4 24	14 31	11 14	11 33	7 36	9 49	1 10
T 13	14 49	15 38	4 20	18 35	1 19	0s20	0 16	19 17	1 6	0 38	1 9	18 32	0 53	17 57	0 37	10 6	1 46	4 23	14 31	11 10	11 32	7 40	9 49	1 10
F 14	14 31	10 26	3 41	18 39	1 2	0 51	0 13	19 8	1 6	0 33	1 9	18 33	0 53	17 56	0 37	10 6	1 46	4 23	14 31	11 7	11 31	7 43	9 48	1 10
S 15	14 12	4 55	2 53	18 41	0 47	1 22	0 9	18 58	1 7	0 29	1 9	18 35	0 53	17 55	0 37	10 6	1 46	4 23	14 32	11 4	11 30	7 46	9 48	1 10
S 16	13 53	0s42	1 57	18 40	0 31	1 52	0 5	18 47	1 7	0 24	1 9	18 36	0 53	17 54	0 37	10 6	1 46	4 23	14 32	11 2	11 29	7 49	9 47	1 10
M17	13 34	6 14	0 56	18 37	0 16	2 23	0 1	18 37	1 7	0 19	1 9	18 37	0 53	17 53	0 37	10 6	1 46	4 22	14 32	11 1	11 27	7 53	9 47	1 10
T 18	13 15	11 33	0s 6	18 31	0 2	2 54	0s 3	18 27	1 7	0 15	1 9	18 38	0 54	17 52	0 37	10 5	1 46	4 22	14 33	11 1	11 26	7 56	9 47	1 10
W19	12 56	16 27	1 9	18 22	0n11	3 24	0 8	18 16	1 8	0 10	1 9	18 39	0 54	17 51	0 37	10 5	1 46	4 22	14 33	11 1	11 25	7 59	9 46	1 10
T 20	12 36	20 46	2 9	18 11	0 24	3 55	0 12	18 6	1 8	0 5	1 9	18 41	0 54	17 50	0 37	10 5	1 46	4 22	14 33	11 2	11 24	8 3	9 46	1 10
F 21	12 16	24 18	3 5	17 57	0 36	4 26	0 16	17 55	1 8	0 1	1 9	18 42	0 54	17 49	0 37	10 5	1 46	4 21	14 33	11 2	11 23	8 6	9 45	1 9
S 22	11 56	26 47	3 53	17 39	0 47	4 56	0 20	17 44	1 8	0s 4	1 9	18 43	0 54	17 48	0 37	10 4	1 47	4 21	14 34	11 1	11 22	8 9	9 45	1 9
S 23	11 36	27 58	4 31	17 20	0 57	5 26	0 25	17 33	1 8	0 9	1 8	18 44	0 54	17 47	0 37	10 4	1 47	4 21	14 34	10 59	11 21	8 12	9 44	1 9
M24	11 16	27 38	4 56	16 57	1 6	5 57	0 29	17 22	1 9	0 14	1 8	18 45	0 54	17 46	0 37	10 4	1 47	4 21	14 34	10 57	11 20	8 16	9 43	1 9
T 25	10 55	25 40	5 6	16 31	1 14	6 27	0 34	17 11	1 9	0 18	1 8	18 46	0 54	17 45	0 37	10 4	1 47	4 20	14 34	10 54	11 18	8 19	9 43	1 9
W26	10 34	22 7	4 58	16 3	1 22	6 57	0 38	16 59	1 9	0 23	1 8	18 47	0 54	17 44	0 37	10 3	1 47	4 20	14 35	10 51	11 17	8 22	9 42	1 9
T 27	10 14	17 9	4 31	15 33	1 28	7 27	0 43	16 48	1 9	0 28	1 8	18 49	0 54	17 43	0 37	10 3	1 47	4 20	14 35	10 48	11 16	8 26	9 42	1 9
F 28	9 52	11 7	3 46	15 0	1 33	7 57	0 47	16 37	1 9	0 33	1 8	18 50	0 54	17 42	0 37	10 3	1 47	4 20	14 35	10 45	11 15	8 29	9 41	1 9
S 29	9 31	4 24	2 46	14 26	1 38	8 26	0 52	16 25	1 10	0 38	1 8	18 51	0 54	17 41	0 37	10 2	1 47	4 19	14 35	10 43	11 14	8 32	9 40	1 9
S 30	9 10	2n35	1 34	13 49	1 41	8 56	0 57	16 13	1 10	0 43	1 8	18 52	0 54	17 40	0 37	10 2	1 47	4 19	14 36	10 42	11 13	8 35	9 40	1 9
M31	8n48	9n23	0s16	13n10	1n44	9s25	1s 1	16n 1	1n10	0s48	1n 8	18s53	0s54	17n39	0n37	10n 2	1s47	4n19	14s36	10n42	11n12	8s39	9n39	1n 9

Julian Day Number = 2405736.5, Delta T = -0.96 sec
Ecliptic obliquity = 23°27'28, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°59'20, Lahiri = 22°06'20

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ASTRODIENST EPHEMERIS for the year 1874
geocentric

SEPTEMBER 1874 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 39 57	8♍20'59	9♉23	1♍45	22♎49	20♌21	4♎48	8°R59	12♌36	0°R37	22°R42	27♈48	29♈ 8	23♎35	21°R59	T 1
W 2	22 43 53	9°19'06	23°39	3°43	23°55	20°59	5° 1	8♒56	12°40	0♉36	22♉41	27°49	29° 5	23°42	21♈57	W 2
T 3	22 47 50	10°17'15	7♊39	5°40	25° 0	21°37	5°13	8°52	12°43	0°35	22°41	27°R49	29° 2	23°48	21°55	T 3
F 4	22 51 47	11°15'25	21°23	7°37	26° 6	22°15	5°25	8°49	12°47	0°34	22°41	27°49	28°59	23°55	21°53	F 4
S 5	22 55 43	12°13'38	4♋50	9°33	27°11	22°53	5°38	8°46	12°50	0°33	22°41	27°47	28°55	24° 2	21°51	S 5
S 6	22 59 40	13°11'53	18° 1	11°28	28°17	23°31	5°50	8°42	12°53	0°32	22°40	27°43	28°52	24° 8	21°49	S 6
M 7	23 3 36	14°10'10	0♌59	13°23	29°22	24° 9	6° 2	8°39	12°57	0°31	22°40	27°37	28°49	24°15	21°47	M 7
T 8	23 7 33	15° 8'29	13°43	15°17	0♏27	24°48	6°15	8°36	13° 0	0°30	22°40	27°29	28°46	24°21	21°45	T 8
W 9	23 11 29	16° 6'50	26°15	17° 9	1°31	25°26	6°27	8°33	13° 3	0°29	22°39	27°22	28°43	24°28	21°43	W 9
T 10	23 15 26	17° 5'13	8♍36	19° 1	2°36	26° 4	6°40	8°30	13° 6	0°28	22°39	27°15	28°40	24°35	21°41	T 10
F 11	23 19 22	18° 3'37	20°46	20°52	3°40	26°42	6°53	8°27	13°10	0°27	22°39	27° 9	28°36	24°41	21°38	F 11
S 12	23 23 19	19° 2'04	2♎46	22°42	4°44	27°20	7° 5	8°24	13°13	0°26	22°38	27° 4	28°33	24°48	21°36	S 12
S 13	23 27 16	20° 0'32	14°39	24°30	5°48	27°57	7°18	8°21	13°16	0°25	22°38	27° 1	28°30	24°55	21°34	S 13
M14	23 31 12	20°59'02	26°27	26°18	6°52	28°35	7°30	8°19	13°19	0°23	22°37	27°D 1	28°27	25° 1	21°31	M14
T 15	23 35 9	21°57'34	8♏13	28° 4	7°55	29°13	7°43	8°16	13°22	0°22	22°37	27° 1	28°24	25° 8	21°29	T 15
W16	23 39 5	22°56'07	20° 1	29°50	8°58	29°51	7°56	8°13	13°25	0°21	22°36	27° 3	28°21	25°15	21°27	W16
T 17	23 43 2	23°54'42	1♐54	1♎34	10° 1	0♍29	8° 9	8°11	13°28	0°20	22°36	27° 4	28°17	25°21	21°24	T 17
F 18	23 46 58	24°53'19	13°59	3°18	11° 4	1° 7	8°21	8° 9	13°31	0°18	22°35	27° 6	28°14	25°28	21°22	F 18
S 19	23 50 55	25°51'58	26°18	5° 0	12° 7	1°45	8°34	8° 6	13°34	0°17	22°35	27°R 6	28°11	25°35	21°19	S 19
S 20	23 54 51	26°50'38	8♑58	6°41	13° 9	2°23	8°47	8° 4	13°37	0°16	22°34	27° 6	28° 8	25°41	21°17	S 20
M21	23 58 48	27°49'20	22° 3	8°22	14°10	3° 1	9° 0	8° 2	13°40	0°14	22°34	27° 4	28° 5	25°48	21°14	M21
T 22	0 2 45	28°48'04	5♒34	10° 1	15°12	3°38	9°13	8° 0	13°43	0°13	22°33	27° 1	28° 1	25°54	21°12	T 22
W23	0 6 41	29°46'50	19°34	11°40	16°13	4°16	9°26	7°58	13°46	0°12	22°33	26°57	27°58	26° 1	21° 9	W23
T 24	0 10 38	0♎45'37	4♓ 0	13°17	17°14	4°54	9°38	7°56	13°49	0°10	22°32	26°53	27°55	26° 8	21° 7	T 24
F 25	0 14 34	1°44'26	18°48	14°54	18°15	5°32	9°51	7°55	13°52	0° 9	22°31	26°50	27°52	26°14	21° 4	F 25
S 26	0 18 31	2°43'16	3♈50	16°29	19°15	6° 9	10° 4	7°53	13°54	0° 7	22°31	26°47	27°49	26°21	21° 1	S 26
S 27	0 22 27	3°42'09	18°58	18° 4	20°15	6°47	10°17	7°51	13°57	0° 6	22°30	26°46	27°46	26°28	20°59	S 27
M28	0 26 24	4°41'04	4♉ 2	19°38	21°14	7°25	10°30	7°50	14° 0	0° 4	22°29	26°D46	27°42	26°34	20°56	M28
T 29	0 30 20	5°40'01	18°54	21°11	22°14	8° 3	10°43	7°48	14° 2	0° 3	22°29	26°47	27°39	26°41	20°53	T 29
W30	0 34 17	6♎39'01	3♊29	22♎43	23♏12	8♍40	10♎56	7♒47	14♌ 5	0♉ 1	22♉28	26♈48	27♈36	26♎48	20♈51	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n27	15n37	1n 2	12n30	1n46	9s54	1s 6	15n49	1n10	0s53	1n 8	18s54	0s54	17n38	0n37	10n 1	1s47	4n18	14s36	10n42	11n11	8s42	9n38	1n 9
W 2	8 5	20 53	2 15	11 49	1 47	10 23	1 11	15 37	1 10	0 57	1 8	18 55	0 54	17 37	0 37	10 1	1 47	4 18	14 37	10 42	11 9	8 45	9 38	1 9
T 3	7 43	24 52	3 18	11 6	1 47	10 52	1 16	15 25	1 10	1 2	1 8	18 56	0 54	17 36	0 37	10 1	1 47	4 18	14 37	10 42	11 8	8 49	9 37	1 9
F 4	7 21	27 19	4 9	10 22	1 47	11 20	1 21	15 13	1 11	1 7	1 7	18 57	0 54	17 35	0 37	10 0	1 47	4 17	14 37	10 42	11 7	8 52	9 36	1 9
S 5	6 59	28 7	4 45	9 38	1 46	11 49	1 26	15 1	1 11	1 12	1 7	18 57	0 54	17 34	0 38	10 0	1 47	4 17	14 37	10 42	11 6	8 55	9 35	1 9
S 6	6 36	27 16	5 5	8 52	1 44	12 17	1 30	14 48	1 11	1 17	1 7	18 58	0 54	17 33	0 38	10 0	1 47	4 17	14 38	10 40	11 5	8 58	9 34	1 9
M 7	6 14	24 58	5 8	8 6	1 42	12 45	1 35	14 36	1 11	1 22	1 7	18 59	0 54	17 33	0 38	9 59	1 47	4 16	14 38	10 38	11 4	9 2	9 34	1 9
T 8	5 52	21 27	4 57	7 20	1 39	13 12	1 40	14 23	1 11	1 27	1 7	19 0	0 54	17 32	0 38	9 59	1 47	4 16	14 38	10 35	11 3	9 5	9 33	1 9
W 9	5 29	17 1	4 31	6 33	1 36	13 39	1 45	14 11	1 11	1 32	1 7	19 1	0 54	17 31	0 38	9 58	1 47	4 16	14 38	10 33	11 2	9 8	9 32	1 9
T 10	5 6	11 57	3 53	5 46	1 32	14 7	1 50	13 58	1 12	1 37	1 7	19 2	0 54	17 30	0 38	9 58	1 48	4 16	14 39	10 30	11 0	9 11	9 31	1 9
F 11	4 43	6 29	3 4	4 58	1 28	14 33	1 55	13 45	1 12	1 42	1 7	19 2	0 54	17 29	0 38	9 58	1 48	4 15	14 39	10 28	10 59	9 15	9 30	1 9
S 12	4 21	0 52	2 8	4 11	1 24	15 0	2 0	13 32	1 12	1 47	1 7	19 3	0 54	17 28	0 38	9 57	1 48	4 15	14 39	10 26	10 58	9 18	9 29	1 9
S 13	3 58	4s45	1 7	3 24	1 19	15 26	2 5	13 19	1 12	1 52	1 7	19 4	0 54	17 27	0 38	9 57	1 48	4 14	14 39	10 25	10 57	9 21	9 28	1 9
M14	3 35	10 10	0 3	2 36	1 14	15 52	2 10	13 6	1 12	1 57	1 7	19 5	0 55	17 26	0 38	9 56	1 48	4 14	14 40	10 25	10 56	9 24	9 28	1 9
T 15	3 12	15 13	1s 1	1 49	1 8	16 18	2 15	12 53	1 12	2 2	1 7	19 5	0 55	17 25	0 38	9 56	1 48	4 14	14 40	10 25	10 55	9 28	9 27	1 9
W16	2 48	19 44	2 3	1 2	1 3	16 43	2 20	12 40	1 13	2 8	1 7	19 6	0 55	17 25	0 38	9 55	1 48	4 13	14 40	10 26	10 54	9 31	9 26	1 9
T 17	2 25	23 29	3 0	0 15	0 57	17 8	2 25	12 27	1 13	2 13	1 7	19 7	0 55	17 24	0 38	9 55	1 48	4 13	14 40	10 26	10 52	9 34	9 25	1 9
F 18	2 2	26 17	3 49	0s32	0 51	17 32	2 30	12 13	1 13	2 18	1 7	19 7	0 55	17 23	0 38	9 54	1 48	4 13	14 41	10 27	10 51	9 37	9 24	1 9
S 19	1 39	27 54	4 30	1 18	0 45	17 56	2 35	12 0	1 13	2 23	1 7	19 8	0 55	17 22	0 38	9 54	1 48	4 12	14 41	10 27	10 50	9 41	9 23	1 8
S 20	1 15	28 7	4 58	2 5	0 38	18 20	2 40	11 46	1 13	2 28	1 7	19 9	0 55	17 21	0 38	9 53	1 48	4 12	14 41	10 27	10 49	9 44	9 22	1 8
M21	0 52	26 48	5 13	2 50	0 31	18 44	2 45	11 33	1 13	2 33	1 7	19 9	0 55	17 20	0 38	9 53	1 48	4 12	14 41	10 26	10 48	9 47	9 21	1 8
T 22	0 29	23 54	5 10	3 36	0 25	19 7	2 50	11 19	1 13	2 38	1 7	19 10	0 55	17 20	0 38	9 52	1 48	4 11	14 41	10 25	10 47	9 50	9 20	1 8
W23	0 5	19 33	4 50	4 21	0 18	19 29	2 55	11 6	1 13	2 43	1 7	19 10	0 55	17 19	0 38	9 52	1 48	4 11	14 42	10 24	10 46	9 54	9 19	1 8
T 24	0s18	13 56	4 11	5 5	0 11	19 52	3 0	10 52	1 14	2 48	1 7	19 11	0 55	17 18	0 38	9 51	1 48	4 11	14 42	10 22	10 45	9 57	9 18	1 8
F 25	0 42	7 25	3 14	5 49	0 4	20 14	3 4	10 38	1 14	2 53	1 7	19 11	0 55	17 17	0 38	9 51	1 48	4 10	14 42	10 21	10 43	10 0	9 17	1 8
S 26	1 5	0 21	2 3	6 32	0s 3	20 35	3 9	10 24	1 14	2 58	1 7	19 11	0 55	17 16	0 38	9 50	1 48	4 10	14 42	10 20	10 42	10 3	9 16	1 8
S 27	1 28	6n46	0 43	7 15	0 11	20 56	3 14	10 10	1 14	3 3	1 6	19 12	0 55	17 16	0 38	9 50	1 48	4 10	14 43	10 20	10 41	10 7	9 15	1 8
M28	1 52	13 30	0n40	7 58	0 18	21 17	3 19	9 56	1 14	3 9	1 6	19 12	0 55	17 15	0 38	9 49	1 48	4 9	14 43	10 20	10 40	10 10	9 14	1 8
T 29	2 15	19 22	1 59	8 39	0 25	21 37	3 23	9 42	1 14	3 14	1 6	19 13	0 55	17 14	0 38	9 49	1 48	4 9	14 43	10 20	10 39	10 13	9 13	1 8
W30	2s39	23n58	3n 9	9s20	0s32	21s56	3s28	9n28	1n14	3s19	1n 6	19s13	0s55	17n13	0n38	9n48	1s48	4n 8	14s43	10n20	10n38	10s16	9n11	1n 8

Julian Day Number = 2405767.5, Delta T = -1.00 sec
Ecliptic obliquity = 23°27'29, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°59'24, Lahiri = 22°06'25

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ASTRODIENST EPHEMERIS for the year 1874
geocentric

OCTOBER 1874 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 38 14	7♎38'03	17♊41	24♎14	24♏11	9♍18	11♎ 9	7°R46	14♌ 8	29°R59	22°R27	26♈49	27♈33	26♎54	20°R48	T 1
F 2	0 42 10	8°37'07	1♋30	25°45	25° 9	9°56	11°22	7♒45	14°10	29♈58	22♉26	26°50	27°30	27° 1	20♈45	F 2
S 3	0 46 7	9°36'14	14°56	27°14	26° 6	10°33	11°35	7°44	14°13	29°57	22°26	26°R50	27°27	27° 8	20°42	S 3
S 4	0 50 3	10°35'23	28° 1	28°43	27° 4	11°11	11°48	7°43	14°15	29°55	22°25	26°50	27°23	27°14	20°40	S 4
M 5	0 54 0	11°34'34	10♌47	0♏11	28° 0	11°49	12° 1	7°42	14°18	29°54	22°24	26°48	27°20	27°21	20°37	M 5
T 6	0 57 56	12°33'47	23°17	1°38	28°56	12°26	12°14	7°42	14°20	29°52	22°23	26°46	27°17	27°28	20°34	T 6
W 7	1 1 53	13°33'03	5♍35	3° 4	29°52	13° 4	12°27	7°41	14°22	29°51	22°22	26°44	27°14	27°34	20°31	W 7
T 8	1 5 49	14°32'21	17°41	4°29	0♐47	13°41	12°40	7°41	14°25	29°49	22°21	26°42	27°11	27°41	20°28	T 8
F 9	1 9 46	15°31'41	29°40	5°53	1°42	14°19	12°53	7°40	14°27	29°47	22°21	26°41	27° 7	27°47	20°26	F 9
S 10	1 13 42	16°31'03	11♎32	7°16	2°36	14°57	13° 6	7°40	14°29	29°46	22°20	26°40	27° 4	27°54	20°23	S 10
S 11	1 17 39	17°30'27	23°21	8°39	3°30	15°34	13°19	7°40	14°31	29°44	22°19	26°D39	27° 1	28° 1	20°20	S 11
M12	1 21 36	18°29'53	5♏ 8	10° 0	4°23	16°12	13°32	7°D40	14°33	29°42	22°18	26°39	26°58	28° 7	20°17	M12
T 13	1 25 32	19°29'21	16°55	11°20	5°15	16°49	13°45	7°40	14°35	29°41	22°17	26°40	26°55	28°14	20°14	T 13
W14	1 29 29	20°28'52	28°45	12°39	6° 7	17°27	13°58	7°40	14°37	29°39	22°16	26°41	26°52	28°21	20°11	W14
T 15	1 33 25	21°28'24	10♐42	13°57	6°58	18° 4	14°11	7°40	14°39	29°37	22°15	26°41	26°48	28°27	20° 9	T 15
F 16	1 37 22	22°27'58	22°49	15°14	7°48	18°42	14°24	7°40	14°41	29°36	22°14	26°42	26°45	28°34	20° 6	F 16
S 17	1 41 18	23°27'33	5♑ 9	16°29	8°38	19°19	14°37	7°41	14°43	29°34	22°13	26°42	26°42	28°41	20° 3	S 17
S 18	1 45 15	24°27'11	17°46	17°43	9°27	19°57	14°50	7°41	14°45	29°32	22°12	26°42	26°39	28°47	20° 0	S 18
M19	1 49 11	25°26'50	0♒44	18°55	10°15	20°34	15° 3	7°42	14°47	29°31	22°11	26°R42	26°36	28°54	19°57	M19
T 20	1 53 8	26°26'31	14° 7	20° 5	11° 3	21°11	15°16	7°43	14°48	29°29	22°10	26°D42	26°33	29° 1	19°55	T 20
W21	1 57 5	27°26'14	27°56	21°14	11°49	21°49	15°28	7°43	14°50	29°27	22° 9	26°42	26°29	29° 7	19°52	W21
T 22	2 1 1	28°25'58	12♓12	22°20	12°35	22°26	15°41	7°44	14°52	29°26	22° 8	26°42	26°26	29°14	19°49	T 22
F 23	2 4 58	29°25'44	26°52	23°24	13°19	23° 3	15°54	7°45	14°53	29°24	22° 7	26°43	26°23	29°20	19°46	F 23
S 24	2 8 54	0♏25'31	11♈52	24°26	14° 3	23°41	16° 7	7°46	14°55	29°22	22° 6	26°43	26°20	29°27	19°43	S 24
S 25	2 12 51	1°25'21	27° 4	25°24	14°46	24°18	16°20	7°48	14°56	29°21	22° 5	26°R43	26°17	29°34	19°41	S 25
M26	2 16 47	2°25'12	12♉18	26°20	15°27	24°55	16°32	7°49	14°58	29°19	22° 4	26°43	26°13	29°40	19°38	M26
T 27	2 20 44	3°25'06	27°24	27°12	16° 8	25°33	16°45	7°50	14°59	29°17	22° 3	26°42	26°10	29°47	19°35	T 27
W28	2 24 40	4°25'02	12♊15	28° 0	16°47	26°10	16°58	7°52	15° 0	29°16	22° 2	26°41	26° 7	29°54	19°32	W28
T 29	2 28 37	5°25'00	26°43	28°44	17°25	26°47	17°11	7°54	15° 2	29°14	22° 1	26°40	26° 4	0♏ 0	19°30	T 29
F 30	2 32 34	6°25'00	10♋44	29°24	18° 2	27°25	17°23	7°55	15° 3	29°12	22° 0	26°39	26° 1	0° 7	19°27	F 30
S 31	2 36 30	7♏25'02	24♋18	29♏58	18♐38	28♍ 2	17♎36	7♒57	15♌ 4	29♈11	21♉59	26♈39	25♈58	0♏14	19♈24	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	3s 2	26n58	4n 6	10s 1	0s39	22s16	3s32	9n14	1n14	3s24	1n 6	19s13	0s55	17n13	0n38	9n47	1s48	4n 8	14s43	10n21	10n37	10s19	9n10	1n 8	
F 2	3 25	28 13	4 46	10 41	0 47	22 34	3 37	9 0	1 15	3 29	1 6	19 14	0 55	17 12	0 38	9 47	1 48	4 8	14 44	10 21	10 35	10 23	9 9	1 8	
S 3	3 48	27 45	5 10	11 20	0 54	22 53	3 41	8 46	1 15	3 34	1 6	19 14	0 55	17 11	0 38	9 46	1 48	4 7	14 44	10 21	10 34	10 26	9 8	1 8	
S 4	4 12	25 44	5 16	11 59	1 1	23 10	3 46	8 32	1 15	3 39	1 6	19 14	0 55	17 11	0 38	9 46	1 48	4 7	14 44	10 21	10 33	10 29	9 7	1 8	
M 5	4 35	22 28	5 7	12 36	1 8	23 28	3 50	8 17	1 15	3 44	1 6	19 14	0 55	17 10	0 38	9 45	1 48	4 7	14 44	10 20	10 32	10 32	9 6	1 8	
T 6	4 58	18 13	4 43	13 13	1 15	23 45	3 54	8 3	1 15	3 49	1 6	19 14	0 55	17 9	0 38	9 45	1 48	4 6	14 44	10 20	10 31	10 36	9 5	1 7	
W 7	5 21	13 18	4 7	13 50	1 22	24 1	3 58	7 49	1 15	3 54	1 6	19 14	0 55	17 9	0 38	9 44	1 48	4 6	14 44	10 19	10 30	10 39	9 4	1 7	
T 8	5 44	7 56	3 20	14 25	1 29	24 17	4 2	7 34	1 15	3 59	1 6	19 15	0 55	17 8	0 38	9 43	1 48	4 6	14 45	10 18	10 29	10 42	9 3	1 7	
F 9	6 7	2 20	2 24	15 0	1 36	24 32	4 6	7 20	1 15	4 4	1 6	19 15	0 55	17 7	0 39	9 43	1 48	4 5	14 45	10 18	10 27	10 45	9 1	1 7	
S 10	6 30	3s18	1 23	15 34	1 43	24 47	4 10	7 6	1 15	4 9	1 6	19 15	0 55	17 7	0 39	9 42	1 48	4 5	14 45	10 17	10 26	10 48	9 0	1 7	
S 11	6 53	8 48	0 18	16 7	1 49	25 1	4 14	6 51	1 15	4 14	1 6	19 15	0 54	17 6	0 39	9 42	1 48	4 5	14 45	10 17	10 25	10 52	8 59	1 7	
M12	7 15	13 59	0s47	16 39	1 55	25 15	4 17	6 37	1 15	4 19	1 6	19 15	0 54	17 6	0 39	9 41	1 48	4 4	14 45	10 17	10 24	10 55	8 58	1 7	
T 13	7 38	18 40	1 50	17 10	2 2	25 28	4 21	6 22	1 16	4 25	1 6	19 15	0 54	17 5	0 39	9 41	1 48	4 4	14 45	10 17	10 23	10 58	8 57	1 7	
W14	8 0	22 39	2 49	17 40	2 8	25 41	4 24	6 7	1 16	4 30	1 6	19 15	0 54	17 5	0 39	9 40	1 48	4 3	14 45	10 18	10 22	11 1	8 56	1 7	
T 15	8 23	25 43	3 41	18 10	2 13	25 53	4 28	5 53	1 16	4 35	1 6	19 15	0 54	17 4	0 39	9 39	1 49	4 3	14 46	10 18	10 21	11 4	8 55	1 7	
F 16	8 45	27 40	4 24	18 38	2 19	26 5	4 31	5 38	1 16	4 40	1 6	19 15	0 54	17 3	0 39	9 39	1 49	4 3	14 46	10 18	10 19	11 8	8 53	1 7	
S 17	9 7	28 17	4 56	19 5	2 24	26 16	4 34	5 24	1 16	4 45	1 7	19 14	0 54	17 3	0 39	9 38	1 49	4 2	14 46	10 18	10 18	11 11	8 52	1 7	
S 18	9 29	27 28	5 14	19 31	2 29	26 27	4 37	5 9	1 16	4 49	1 7	19 14	0 54	17 2	0 39	9 38	1 49	4 2	14 46	10 18	10 17	11 14	8 51	1 7	
M19	9 51	25 10	5 17	19 56	2 34	26 37	4 39	4 54	1 16	4 54	1 7	19 14	0 54	17 2	0 39	9 37	1 49	4 2	14 46	10 18	10 16	11 17	8 50	1 6	
T 20	10 13	21 26	5 3	20 19	2 39	26 46	4 42	4 40	1 16	4 59	1 7	19 14	0 54	17 2	0 39	9 36	1 49	4 1	14 46	10 18	10 15	11 20	8 49	1 6	
W21	10 34	16 27	4 32	20 42	2 43	26 55	4 44	4 25	1 16	5 4	1 7	19 14	0 54	17 1	0 39	9 36	1 49	4 1	14 46	10 18	10 14	11 23	8 48	1 6	
T 22	10 56	10 25	3 43	21 3	2 46	27 4	4 47	4 10	1 16	5 9	1 7	19 13	0 54	17 1	0 39	9 35	1 49	4 1	14 46	10 18	10 12	11 27	8 47	1 6	
F 23	11 17	3 40	2 39	21 22	2 50	27 11	4 49	3 55	1 16	5 14	1 7	19 13	0 54	17 0	0 39	9 35	1 49	4 0	14 47	10 18	10 11	11 30	8 45	1 6	
S 24	11 38	3n27	1 22	21 41	2 52	27 19	4 51	3 41	1 16	5 19	1 7	19 13	0 54	17 0	0 39	9 34	1 49	4 0	14 47	10 18	10 10	11 33	8 44	1 6	
S 25	11 59	10 28	0n 2	21 57	2 55	27 26	4 52	3 26	1 16	5 24	1 7	19 13	0 54	16 59	0 39	9 33	1 49	4 0	14 47	10 19	10 9	11 36	8 43	1 6	
M26	12 19	16 54	1 26	22 12	2 56	27 32	4 54	3 11	1 16	5 29	1 7	19 12	0 54	16 59	0 39	9 33	1 49	3 59	14 47	10 18	10 8	11 39	8 42	1 6	
T 27	12 40	22 14	2 43	22 25	2 57	27 38	4 55	2 56	1 16	5 34	1 7	19 12	0 54	16 59	0 39	9 32	1 49	3 59	14 47	10 18	10 7	11 43	8 41	1 6	
W28	13 0	26 2	3 47	22 37	2 58	27 43	4 56	2 42	1 16	5 38	1 7	19 11	0 54	16 58	0 39	9 32	1 49	3 59	14 47	10 18	10 6	11 46	8 40	1 6	
T 29	13 20	28 0	4 35	22 46	2 57	27 47	4 57	2 27	1 16	5 43	1 7	19 11	0 54	16 58	0 39	9 31	1 49	3 58	14 47	10 18	10 4	11 49	8 39	1 6	
F 30	13 40	28 6	5 5	22 54	2 56	27 51	4 57	2 12	1 16	5 48	1 7	19 10	0 54	16 58	0 39	9 30	1 49	3 58	14 47	10 17	10 3	11 52	8 38	1 5	
S 31	14s 0	26n28	5n17	22s59	2s54	27s55	4s58	1n57	1n17	5s53	1n 7	19s10	0s54	16n57	0n39	9n30	1s49	3n58	14s47	10n17	10n 2	11s55	8n36	1n 5	

Julian Day Number = 2405797.5, Delta T = -1.04 sec
Ecliptic obliquity = 23°27'29, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°59'28, Lahiri = 22°06'29

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ASTRODIENST EPHEMERIS for the year 1874
geocentric

NOVEMBER 1874 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 40 27	8♏25'06	7♌26	0♐26	19♐12	28♍39	17♎48	7♒59	15♌ 5	29°R 9	21°R58	26°D38	25♈54	0♏20	19°R22	S 1
M 2	2 44 23	9°25'12	20°10	0°47	19°46	29°16	18° 1	8° 1	15° 6	29♈ 7	21♉57	26♈39	25°51	0°27	19♈19	M 2
T 3	2 48 20	10°25'21	2♍34	1° 2	20°17	29°54	18°14	8° 3	15° 7	29° 6	21°56	26°39	25°48	0°34	19°16	T 3
W 4	2 52 16	11°25'31	14°44	1°R 9	20°47	0♎31	18°26	8° 6	15° 8	29° 4	21°54	26°41	25°45	0°40	19°14	W 4
T 5	2 56 13	12°25'44	26°42	1° 7	21°16	1° 8	18°39	8° 8	15° 9	29° 2	21°53	26°42	25°42	0°47	19°11	T 5
F 6	3 0 9	13°25'58	8♎33	0°57	21°43	1°45	18°51	8°10	15°10	29° 1	21°52	26°43	25°38	0°53	19° 9	F 6
S 7	3 4 6	14°26'14	20°21	0°36	22° 8	2°22	19° 3	8°13	15°11	28°59	21°51	26°44	25°35	1° 0	19° 6	S 7
S 8	3 8 3	15°26'33	2♏ 8	0° 6	22°32	2°59	19°16	8°15	15°12	28°58	21°50	26°R44	25°32	1° 7	19° 4	S 8
M 9	3 11 59	16°26'53	13°56	29♏26	22°54	3°36	19°28	8°18	15°12	28°56	21°49	26°43	25°29	1°13	19° 1	M 9
T 10	3 15 56	17°27'15	25°49	28°37	23°14	4°13	19°40	8°21	15°13	28°54	21°48	26°41	25°26	1°20	18°59	T 10
W11	3 19 52	18°27'38	7♐47	27°38	23°32	4°51	19°52	8°24	15°13	28°53	21°47	26°38	25°23	1°27	18°56	W11
T 12	3 23 49	19°28'03	19°53	26°30	23°48	5°28	20° 5	8°27	15°14	28°51	21°46	26°34	25°19	1°33	18°54	T 12
F 13	3 27 45	20°28'30	2♑ 9	25°16	24° 2	6° 5	20°17	8°30	15°14	28°50	21°44	26°30	25°16	1°40	18°52	F 13
S 14	3 31 42	21°28'58	14°36	23°58	24°14	6°42	20°29	8°33	15°15	28°48	21°43	26°26	25°13	1°47	18°49	S 14
S 15	3 35 39	22°29'27	27°17	22°37	24°23	7°19	20°41	8°36	15°15	28°47	21°42	26°23	25°10	1°53	18°47	S 15
M16	3 39 35	23°29'58	10♒15	21°17	24°31	7°56	20°53	8°40	15°15	28°45	21°41	26°21	25° 7	2° 0	18°45	M16
T 17	3 43 32	24°30'30	23°32	19°59	24°36	8°32	21° 5	8°43	15°16	28°44	21°40	26°D21	25° 4	2° 7	18°43	T 17
W18	3 47 28	25°31'03	7♓ 9	18°48	24°39	9° 9	21°16	8°47	15°16	28°42	21°39	26°21	25° 0	2°13	18°41	W18
T 19	3 51 25	26°31'38	21° 9	17°43	24°R39	9°46	21°28	8°50	15°16	28°41	21°38	26°22	24°57	2°20	18°39	T 19
F 20	3 55 21	27°32'13	5♈31	16°49	24°37	10°23	21°40	8°54	15°16	28°39	21°37	26°24	24°54	2°27	18°37	F 20
S 21	3 59 18	28°32'50	20°13	16° 5	24°33	11° 0	21°52	8°58	15°R16	28°38	21°35	26°R25	24°51	2°33	18°35	S 21
S 22	4 3 14	29°33'28	5♉10	15°33	24°26	11°37	22° 3	9° 1	15°16	28°36	21°34	26°25	24°48	2°40	18°33	S 22
M23	4 7 11	0♐34'07	20°16	15°12	24°16	12°14	22°15	9° 5	15°16	28°35	21°33	26°23	24°44	2°46	18°31	M23
T 24	4 11 7	1°34'47	5♊20	15°D 3	24° 4	12°50	22°26	9° 9	15°16	28°34	21°32	26°19	24°41	2°53	18°29	T 24
W25	4 15 4	2°35'29	20°15	15° 5	23°50	13°27	22°37	9°14	15°16	28°32	21°31	26°14	24°38	3° 0	18°27	W25
T 26	4 19 1	3°36'13	4♋51	15°17	23°33	14° 4	22°49	9°18	15°15	28°31	21°30	26° 8	24°35	3° 6	18°25	T 26
F 27	4 22 57	4°36'58	19° 3	15°39	23°14	14°41	23° 0	9°22	15°15	28°30	21°29	26° 2	24°32	3°13	18°23	F 27
S 28	4 26 54	5°37'44	2♌46	16° 9	22°53	15°17	23°11	9°26	15°15	28°29	21°28	25°57	24°29	3°20	18°22	S 28
S 29	4 30 50	6°38'32	16° 1	16°47	22°29	15°54	23°22	9°31	15°14	28°27	21°27	25°53	24°25	3°26	18°20	S 29
M30	4 34 47	7♐39'21	28♌50	17♏32	22♐ 3	16♎31	23♎33	9♒35	15♌14	28♈26	21♉26	25♈51	24♈22	3♏33	18♈18	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s19	23n27	5n12	23s 2	2s50	27s58	4s58	1n42	1n17	5s58	1n 7	19s 9	0s54	16n57	0n39	9n29	1s49	3n57	14s47	10n17	10n 1	11s58	8n35	1n 5
M 2	14 39	19 22	4 51	23 2	2 46	28 0	4 58	1 28	1 17	6 2	1 7	19 9	0 54	16 57	0 39	9 29	1 49	3 57	14 47	10 17	10 0	12 2	8 34	1 5
T 3	14 58	14 34	4 17	23 0	2 40	28 2	4 57	1 13	1 17	6 7	1 7	19 8	0 54	16 57	0 39	9 28	1 49	3 57	14 47	10 17	9 59	12 5	8 33	1 5
W 4	15 16	9 17	3 32	22 55	2 34	28 4	4 56	0 58	1 17	6 12	1 7	19 8	0 54	16 56	0 40	9 28	1 48	3 57	14 47	10 18	9 57	12 8	8 32	1 5
T 5	15 35	3 44	2 39	22 46	2 25	28 5	4 55	0 43	1 17	6 16	1 7	19 7	0 54	16 56	0 40	9 27	1 48	3 56	14 47	10 18	9 56	12 11	8 31	1 5
F 6	15 53	1s53	1 39	22 34	2 15	28 5	4 54	0 29	1 17	6 21	1 7	19 6	0 54	16 56	0 40	9 26	1 48	3 56	14 47	10 19	9 55	12 14	8 30	1 5
S 7	16 11	7 25	0 35	22 19	2 4	28 5	4 52	0 14	1 17	6 26	1 7	19 6	0 54	16 56	0 40	9 26	1 48	3 56	14 47	10 19	9 54	12 17	8 29	1 5
S 8	16 29	12 41	0s30	22 0	1 51	28 4	4 50	0s 1	1 17	6 30	1 8	19 5	0 54	16 55	0 40	9 25	1 48	3 55	14 47	10 19	9 53	12 20	8 28	1 4
M 9	16 46	17 31	1 34	21 37	1 36	28 3	4 47	0 16	1 17	6 35	1 8	19 4	0 54	16 55	0 40	9 25	1 48	3 55	14 47	10 19	9 52	12 24	8 27	1 4
T 10	17 3	21 43	2 34	21 10	1 20	28 1	4 44	0 30	1 17	6 39	1 8	19 4	0 54	16 55	0 40	9 24	1 48	3 55	14 47	10 18	9 51	12 27	8 26	1 4
W11	17 20	25 2	3 27	20 39	1 2	27 59	4 41	0 45	1 17	6 44	1 8	19 3	0 54	16 55	0 40	9 24	1 48	3 55	14 47	10 17	9 49	12 30	8 25	1 4
T 12	17 37	27 16	4 12	20 5	0 43	27 56	4 37	1 0	1 17	6 48	1 8	19 2	0 54	16 55	0 40	9 23	1 48	3 54	14 47	10 15	9 48	12 33	8 24	1 4
F 13	17 53	28 13	4 46	19 28	0 23	27 52	4 33	1 15	1 17	6 53	1 8	19 1	0 54	16 55	0 40	9 23	1 48	3 54	14 47	10 14	9 47	12 36	8 23	1 4
S 14	18 9	27 45	5 7	18 49	0 2	27 48	4 28	1 29	1 17	6 57	1 8	19 0	0 54	16 55	0 40	9 22	1 48	3 54	14 47	10 13	9 46	12 39	8 22	1 4
S 15	18 24	25 51	5 14	18 9	0n18	27 43	4 23	1 44	1 17	7 2	1 8	19 0	0 54	16 55	0 40	9 22	1 48	3 54	14 47	10 11	9 45	12 42	8 21	1 4
M16	18 40	22 34	5 5	17 29	0 38	27 38	4 18	1 58	1 17	7 6	1 8	18 59	0 54	16 55	0 40	9 21	1 48	3 53	14 47	10 11	9 44	12 45	8 20	1 4
T 17	18 55	18 5	4 40	16 49	0 58	27 32	4 12	2 13	1 17	7 11	1 8	18 58	0 54	16 55	0 40	9 21	1 48	3 53	14 47	10 10	9 42	12 49	8 19	1 3
W18	19 9	12 34	3 58	16 13	1 16	27 26	4 5	2 27	1 17	7 15	1 8	18 57	0 54	16 55	0 40	9 20	1 48	3 53	14 47	10 11	9 41	12 52	8 18	1 3
T 19	19 24	6 17	3 1	15 39	1 32	27 19	3 58	2 42	1 17	7 19	1 8	18 56	0 54	16 55	0 40	9 20	1 48	3 53	14 47	10 11	9 40	12 55	8 17	1 3
F 20	19 38	0n29	1 52	15 10	1 47	27 11	3 50	2 56	1 17	7 23	1 9	18 55	0 54	16 55	0 40	9 19	1 48	3 53	14 47	10 12	9 39	12 58	8 16	1 3
S 21	19 51	7 23	0 34	14 45	2 0	27 2	3 42	3 11	1 17	7 28	1 9	18 54	0 54	16 55	0 40	9 19	1 48	3 52	14 47	10 12	9 38	13 1	8 15	1 3
S 22	20 4	14 0	0n48	14 26	2 10	26 53	3 33	3 25	1 16	7 32	1 9	18 53	0 54	16 55	0 40	9 18	1 48	3 52	14 47	10 12	9 37	13 4	8 14	1 3
M23	20 17	19 51	2 7	14 12	2 18	26 44	3 24	3 40	1 16	7 36	1 9	18 52	0 54	16 55	0 40	9 18	1 48	3 52	14 47	10 11	9 35	13 7	8 14	1 3
T 24	20 30	24 26	3 17	14 3	2 25	26 33	3 14	3 54	1 16	7 40	1 9	18 51	0 54	16 55	0 40	9 17	1 48	3 52	14 47	10 10	9 34	13 10	8 13	1 3
W25	20 42	27 17	4 12	13 59	2 29	26 22	3 3	4 8	1 16	7 44	1 9	18 50	0 54	16 55	0 40	9 17	1 48	3 52	14 47	10 8	9 33	13 13	8 12	1 3
T 26	20 53	28 12	4 50	14 0	2 32	26 10	2 52	4 23	1 16	7 49	1 9	18 48	0 54	16 55	0 40	9 16	1 48	3 51	14 47	10 6	9 32	13 17	8 11	1 2
F 27	21 5	27 12	5 9	14 5	2 34	25 58	2 41	4 37	1 16	7 53	1 9	18 47	0 54	16 55	0 41	9 16	1 48	3 51	14 46	10 4	9 31	13 20	8 10	1 2
S 28	21 16	24 34	5 9	14 14	2 34	25 44	2 29	4 51	1 16	7 57	1 9	18 46	0 54	16 55	0 41	9 16	1 48	3 51	14 46	10 2	9 30	13 23	8 10	1 2
S 29	21 26	20 41	4 52	14 26	2 32	25 30	2 16	5 5	1 16	8 1	1 9	18 45	0 54	16 55	0 41	9 15	1 48	3 51	14 46	10 1	9 28	13 26	8 9	1 2
M30	21s36	15n58	4n21	14s41	2n30	25s16	2s 3	5s19	1n16	8s 5	1n10	18s44	0s54	16n56	0n41	9n15	1s48	3n51	14s46	10n 0	9n27	13s29	8n 8	1n 2

Julian Day Number = 2405828.5, Delta T = -1.08 sec
Ecliptic obliquity = 23°27'28, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°59'33, Lahiri = 22°06'33

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ASTRODIENST EPHEMERIS for the year 1874
geocentric

DECEMBER 1874 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 38 43	8♐40'12	11♍16	18♏24	21°R36	17♎ 7	23♎44	9♒40	15°R13	28°R25	21°R24	25°D51	24♈19	3♏40	18°R17	T 1
W 2	4 42 40	9°41'04	23°24	19°20	21♐ 6	17°44	23°55	9°45	15♌13	28♈24	21♉23	25♈52	24°16	3°46	18♈15	W 2
T 3	4 46 37	10°41'57	5♎20	20°22	20°35	18°21	24° 6	9°49	15°12	28°23	21°22	25°53	24°13	3°53	18°14	T 3
F 4	4 50 33	11°42'52	17° 8	21°27	20° 3	18°57	24°17	9°54	15°11	28°21	21°21	25°55	24°10	4° 0	18°12	F 4
S 5	4 54 30	12°43'47	28°54	22°36	19°29	19°34	24°27	9°59	15°11	28°20	21°20	25°R55	24° 6	4° 6	18°11	S 5
S 6	4 58 26	13°44'44	10♏42	23°48	18°54	20°10	24°38	10° 4	15°10	28°19	21°19	25°53	24° 3	4°13	18°10	S 6
M 7	5 2 23	14°45'43	22°34	25° 3	18°19	20°47	24°48	10° 9	15° 9	28°18	21°18	25°50	24° 0	4°20	18° 8	M 7
T 8	5 6 19	15°46'42	4♐35	26°20	17°43	21°23	24°59	10°14	15° 8	28°17	21°17	25°44	23°57	4°26	18° 7	T 8
W 9	5 10 16	16°47'42	16°45	27°39	17° 7	21°59	25° 9	10°19	15° 7	28°16	21°16	25°36	23°54	4°33	18° 6	W 9
T 10	5 14 12	17°48'44	29° 5	29° 0	16°30	22°36	25°19	10°24	15° 6	28°15	21°15	25°26	23°50	4°39	18° 5	T 10
F 11	5 18 9	18°49'46	11♑38	0♐22	15°54	23°12	25°29	10°30	15° 5	28°14	21°14	25°15	23°47	4°46	18° 4	F 11
S 12	5 22 6	19°50'48	24°21	1°45	15°18	23°49	25°39	10°35	15° 4	28°13	21°13	25° 5	23°44	4°53	18° 3	S 12
S 13	5 26 2	20°51'52	7♒17	3°10	14°43	24°25	25°49	10°41	15° 3	28°12	21°12	24°56	23°41	4°59	18° 2	S 13
M14	5 29 59	21°52'55	20°24	4°35	14° 9	25° 1	25°59	10°46	15° 1	28°12	21°11	24°50	23°38	5° 6	18° 1	M14
T 15	5 33 55	22°54'00	3♓45	6° 2	13°36	25°37	26° 9	10°52	15° 0	28°11	21°10	24°45	23°35	5°13	18° 0	T 15
W16	5 37 52	23°55'04	17°20	7°29	13° 5	26°14	26°18	10°57	14°59	28°10	21° 9	24°44	23°31	5°19	17°59	W16
T 17	5 41 48	24°56'09	1♈ 9	8°56	12°35	26°50	26°28	11° 3	14°58	28° 9	21° 8	24°D44	23°28	5°26	17°58	T 17
F 18	5 45 45	25°57'14	15°14	10°25	12° 6	27°26	26°37	11° 9	14°56	28° 8	21° 8	24°44	23°25	5°33	17°58	F 18
S 19	5 49 41	26°58'19	29°34	11°53	11°40	28° 2	26°46	11°14	14°55	28° 8	21° 7	24°R44	23°22	5°39	17°57	S 19
S 20	5 53 38	27°59'25	14♉ 7	13°23	11°15	28°38	26°55	11°20	14°53	28° 7	21° 6	24°43	23°19	5°46	17°57	S 20
M21	5 57 35	29° 0'30	28°49	14°52	10°53	29°14	27° 4	11°26	14°52	28° 6	21° 5	24°39	23°16	5°53	17°56	M21
T 22	6 1 31	0♊ 1'37	13♊35	16°22	10°33	29°50	27°13	11°32	14°50	28° 6	21° 4	24°32	23°12	5°59	17°56	T 22
W23	6 5 28	1° 2'43	28°15	17°53	10°16	0♏26	27°22	11°38	14°48	28° 5	21° 3	24°23	23° 9	6° 6	17°55	W23
T 24	6 9 24	2° 3'50	12♋43	19°23	10° 0	1° 2	27°31	11°44	14°47	28° 5	21° 2	24°12	23° 6	6°13	17°55	T 24
F 25	6 13 21	3° 4'57	26°53	20°55	9°48	1°38	27°40	11°50	14°45	28° 4	21° 2	24° 0	23° 3	6°19	17°55	F 25
S 26	6 17 17	4° 6'05	10♌38	22°26	9°38	2°14	27°48	11°56	14°43	28° 4	21° 1	23°50	23° 0	6°26	17°54	S 26
S 27	6 21 14	5° 7'13	23°56	23°58	9°30	2°49	27°56	12° 3	14°41	28° 3	21° 0	23°41	22°56	6°33	17°54	S 27
M28	6 25 11	6° 8'21	6♍49	25°30	9°25	3°25	28° 5	12° 9	14°40	28° 3	20°59	23°35	22°53	6°39	17°54	M28
T 29	6 29 7	7° 9'30	19°19	27° 2	9°22	4° 1	28°13	12°15	14°38	28° 3	20°59	23°31	22°50	6°46	17°D54	T 29
W30	6 33 4	8°10'39	1♎30	28°35	9°D22	4°37	28°21	12°22	14°36	28° 2	20°58	23°30	22°47	6°52	17°54	W30
T 31	6 37 0	9♑11'49	13♎27	0♑ 8	9♐24	5♏12	28♎28	12♒28	14♌34	28♈ 2	20♉57	23°D29	22♈44	6♏59	17♈54	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s46	10n43	3n39	14s58	2n27	25s 0	1s49	5s34	1n16	8s 8	1n10	18s42	0s54	16n56	0n41	9n14	1s48	3n51	14s46	10n 0	9n26	13s32	8n 7	1n 2
W 2	21 55	5 11	2 47	15 17	2 23	24 45	1 35	5 48	1 16	8 12	1 10	18 41	0 54	16 56	0 41	9 14	1 48	3 50	14 46	10 0	9 25	13 35	8 7	1 2
T 3	22 4	0s27	1 49	15 38	2 18	24 28	1 21	6 2	1 16	8 16	1 10	18 40	0 54	16 56	0 41	9 14	1 48	3 50	14 46	10 1	9 24	13 38	8 6	1 2
F 4	22 12	6 0	0 47	16 0	2 13	24 11	1 6	6 16	1 16	8 20	1 10	18 39	0 54	16 57	0 41	9 13	1 48	3 50	14 46	10 1	9 23	13 41	8 5	1 1
S 5	22 20	11 21	0s16	16 23	2 7	23 53	0 51	6 29	1 16	8 24	1 10	18 37	0 54	16 57	0 41	9 13	1 48	3 50	14 46	10 1	9 21	13 44	8 5	1 1
S 6	22 28	16 18	1 19	16 47	2 1	23 35	0 36	6 43	1 16	8 28	1 10	18 36	0 54	16 57	0 41	9 13	1 48	3 50	14 45	10 1	9 20	13 47	8 4	1 1
M 7	22 35	20 40	2 19	17 11	1 55	23 17	0 20	6 57	1 16	8 31	1 10	18 35	0 54	16 57	0 41	9 12	1 48	3 50	14 45	9 59	9 19	13 51	8 3	1 1
T 8	22 42	24 14	3 13	17 36	1 48	22 58	0 5	7 11	1 15	8 35	1 11	18 33	0 54	16 58	0 41	9 12	1 47	3 50	14 45	9 57	9 18	13 54	8 3	1 1
W 9	22 48	26 45	3 59	18 1	1 41	22 39	0n11	7 24	1 15	8 39	1 11	18 32	0 54	16 58	0 41	9 12	1 47	3 50	14 45	9 54	9 17	13 57	8 2	1 1
T 10	22 54	28 1	4 34	18 26	1 34	22 20	0 27	7 38	1 15	8 42	1 11	18 30	0 54	16 58	0 41	9 11	1 47	3 50	14 45	9 51	9 16	14 0	8 2	1 1
F 11	22 59	27 53	4 57	18 50	1 26	22 1	0 42	7 52	1 15	8 46	1 11	18 29	0 54	16 59	0 41	9 11	1 47	3 50	14 45	9 47	9 14	14 3	8 1	1 0
S 12	23 4	26 16	5 5	19 14	1 19	21 42	0 58	8 5	1 15	8 49	1 11	18 28	0 54	16 59	0 41	9 11	1 47	3 49	14 44	9 43	9 13	14 6	8 1	1 0
S 13	23 9	23 16	4 58	19 38	1 11	21 23	1 13	8 19	1 15	8 53	1 11	18 26	0 54	16 59	0 41	9 10	1 47	3 49	14 44	9 40	9 12	14 9	8 0	1 0
M14	23 13	19 3	4 36	20 2	1 4	21 4	1 28	8 32	1 15	8 56	1 11	18 25	0 54	17 0	0 41	9 10	1 47	3 49	14 44	9 37	9 11	14 12	8 0	1 0
T 15	23 16	13 50	3 58	20 25	0 56	20 46	1 42	8 45	1 15	8 59	1 12	18 23	0 54	17 0	0 41	9 10	1 47	3 49	14 44	9 36	9 10	14 15	7 59	1 0
W16	23 19	7 52	3 6	20 47	0 48	20 28	1 56	8 58	1 15	9 3	1 12	18 22	0 54	17 1	0 41	9 10	1 47	3 49	14 44	9 35	9 9	14 18	7 59	1 0
T 17	23 22	1 25	2 3	21 8	0 41	20 10	2 10	9 12	1 14	9 6	1 12	18 20	0 54	17 1	0 41	9 10	1 47	3 49	14 43	9 35	9 7	14 21	7 59	1 0
F 18	23 24	5n14	0 51	21 29	0 33	19 53	2 24	9 25	1 14	9 9	1 12	18 18	0 54	17 2	0 41	9 9	1 47	3 49	14 43	9 35	9 6	14 24	7 58	1 0
S 19	23 25	11 44	0n26	21 48	0 26	19 37	2 37	9 38	1 14	9 12	1 12	18 17	0 54	17 2	0 41	9 9	1 47	3 49	14 43	9 35	9 5	14 27	7 58	0 59
S 20	23 27	17 42	1 41	22 7	0 18	19 21	2 49	9 51	1 14	9 16	1 12	18 15	0 54	17 2	0 41	9 9	1 47	3 49	14 43	9 35	9 4	14 30	7 57	0 59
M21	23 27	22 42	2 51	22 25	0 11	19 7	3 1	10 3	1 14	9 19	1 13	18 14	0 54	17 3	0 41	9 9	1 47	3 49	14 43	9 33	9 3	14 33	7 57	0 59
T 22	23 27	26 14	3 49	22 42	0 4	18 53	3 12	10 16	1 14	9 22	1 13	18 12	0 54	17 3	0 41	9 9	1 47	3 49	14 42	9 31	9 1	14 36	7 57	0 59
W23	23 27	27 59	4 32	22 58	0s 4	18 40	3 23	10 29	1 14	9 25	1 13	18 10	0 54	17 4	0 41	9 8	1 47	3 49	14 42	9 27	9 0	14 39	7 57	0 59
T 24	23 26	27 46	4 56	23 13	0 11	18 28	3 33	10 42	1 13	9 28	1 13	18 9	0 54	17 5	0 42	9 8	1 47	3 49	14 42	9 23	8 59	14 42	7 56	0 59
F 25	23 25	25 44	5 2	23 26	0 18	18 16	3 42	10 54	1 13	9 31	1 13	18 7	0 54	17 5	0 42	9 8	1 47	3 49	14 42	9 19	8 58	14 45	7 56	0 59
S 26	23 24	22 14	4 50	23 39	0 24	18 6	3 51	11 7	1 13	9 33	1 13	18 5	0 54	17 6	0 42	9 8	1 47	3 49	14 42	9 15	8 57	14 48	7 56	0 59
S 27	23 22	17 40	4 22	23 50	0 31	17 57	4 0	11 19	1 13	9 36	1 14	18 3	0 54	17 6	0 42	9 8	1 47	3 49	14 41	9 12	8 56	14 51	7 56	0 58
M28	23 19	12 26	3 41	24 1	0 38	17 48	4 7	11 32	1 13	9 39	1 14	18 2	0 54	17 7	0 42	9 8	1 46	3 49	14 41	9 10	8 54	14 54	7 56	0 58
T 29	23 16	6 51	2 51	24 10	0 44	17 41	4 14	11 44	1 13	9 42	1 14	18 0	0 54	17 7	0 42	9 8	1 46	3 49	14 41	9 8	8 53	14 57	7 55	0 58
W30	23 12	1 9	1 54	24 17	0 50	17 34	4 21	11 56	1 12	9 44	1 14	17 58	0 54	17 8	0 42	9 8	1 46	3 50	14 41	9 8	8 52	15 0	7 55	0 58
T 31	23s 8	4s30	0n53	24s24	0s56	17s28	4n27	12s 8	1n12	9s47	1n14	17s56	0s54	17n 8	0n42	9n 8	1s46	3n50	14s40	9n 8	8n51	15s 3	7n55	0n58

Julian Day Number = 2405858.5, Delta T = -1.12 sec
Ecliptic obliquity = 23°27'28, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°59'37, Lahiri = 22°06'37

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1875
geocentric

JANUARY 1875 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 40 57	10♑12'59	25♎17	1♑41	9♐29	5♏48	28♎36	12♒34	14°R32	28°R 2	20°R56	23°R30	22♈41	7♏ 6	17♈54	F 1
S 2	6 44 53	11°14'09	7♏ 3	3°15	9°36	6°24	28°44	12°41	14♌30	28♈ 1	20♉56	23♈29	22°37	7°12	17°55	S 2
S 3	6 48 50	12°15'19	18°53	4°49	9°45	6°59	28°51	12°47	14°28	28° 1	20°55	23°26	22°34	7°19	17°55	S 3
M 4	6 52 46	13°16'30	0♐49	6°23	9°57	7°35	28°58	12°54	14°26	28° 1	20°54	23°21	22°31	7°26	17°55	M 4
T 5	6 56 43	14°17'41	12°57	7°58	10°10	8°10	29° 6	13° 1	14°23	28° 1	20°54	23°13	22°28	7°32	17°56	T 5
W 6	7 0 40	15°18'52	25°18	9°33	10°26	8°45	29°13	13° 7	14°21	28° 1	20°53	23° 2	22°25	7°39	17°56	W 6
T 7	7 4 36	16°20'02	7♑54	11° 8	10°44	9°21	29°19	13°14	14°19	28° 1	20°53	22°48	22°22	7°46	17°56	T 7
F 8	7 8 33	17°21'13	20°46	12°44	11° 4	9°56	29°26	13°21	14°17	28°D 1	20°52	22°34	22°18	7°52	17°57	F 8
S 9	7 12 29	18°22'23	3♒51	14°21	11°26	10°31	29°33	13°27	14°15	28° 1	20°52	22°21	22°15	7°59	17°58	S 9
S 10	7 16 26	19°23'33	17°10	15°58	11°49	11° 6	29°39	13°34	14°12	28° 1	20°51	22° 8	22°12	8° 6	17°58	S 10
M11	7 20 22	20°24'42	0♓39	17°35	12°14	11°42	29°45	13°41	14°10	28° 1	20°51	21°59	22° 9	8°12	17°59	M11
T 12	7 24 19	21°25'51	14°17	19°13	12°42	12°17	29°52	13°48	14° 8	28° 1	20°50	21°52	22° 6	8°19	18° 0	T 12
W13	7 28 15	22°26'59	28° 2	20°51	13°10	12°52	29°58	13°55	14° 5	28° 1	20°50	21°49	22° 2	8°26	18° 1	W13
T 14	7 32 12	23°28'07	11♈55	22°29	13°41	13°27	0♏ 3	14° 1	14° 3	28° 1	20°49	21°48	21°59	8°32	18° 1	T 14
F 15	7 36 9	24°29'13	25°55	24° 9	14°13	14° 2	0° 9	14° 8	14° 1	28° 1	20°49	21°47	21°56	8°39	18° 2	F 15
S 16	7 40 5	25°30'19	10♉ 1	25°48	14°46	14°36	0°15	14°15	13°58	28° 2	20°48	21°47	21°53	8°46	18° 3	S 16
S 17	7 44 2	26°31'24	24°14	27°29	15°21	15°11	0°20	14°22	13°56	28° 2	20°48	21°45	21°50	8°52	18° 4	S 17
M18	7 47 58	27°32'28	8♊30	29° 9	15°57	15°46	0°25	14°29	13°53	28° 2	20°48	21°40	21°47	8°59	18° 6	M18
T 19	7 51 55	28°33'32	22°47	0♒51	16°34	16°21	0°30	14°36	13°51	28° 3	20°47	21°33	21°43	9° 5	18° 7	T 19
W20	7 55 51	29°34'34	7♋ 1	2°33	17°13	16°55	0°35	14°43	13°48	28° 3	20°47	21°22	21°40	9°12	18° 8	W20
T 21	7 59 48	0♒35'36	21° 6	4°15	17°53	17°30	0°40	14°50	13°46	28° 3	20°47	21°10	21°37	9°19	18° 9	T 21
F 22	8 3 44	1°36'37	4♌58	5°58	18°34	18° 4	0°44	14°57	13°43	28° 4	20°46	20°58	21°34	9°25	18°10	F 22
S 23	8 7 41	2°37'37	18°31	7°41	19°16	18°39	0°49	15° 5	13°41	28° 4	20°46	20°45	21°31	9°32	18°12	S 23
S 24	8 11 38	3°38'36	1♍43	9°25	20° 0	19°13	0°53	15°12	13°38	28° 5	20°46	20°35	21°28	9°39	18°13	S 24
M25	8 15 34	4°39'35	14°33	11° 9	20°44	19°47	0°57	15°19	13°35	28° 5	20°46	20°27	21°24	9°45	18°15	M25
T 26	8 19 31	5°40'33	27° 3	12°54	21°29	20°21	1° 1	15°26	13°33	28° 6	20°45	20°23	21°21	9°52	18°16	T 26
W27	8 23 27	6°41'30	9♎15	14°39	22°16	20°56	1° 4	15°33	13°30	28° 7	20°45	20°20	21°18	9°59	18°18	W27
T 28	8 27 24	7°42'27	21°14	16°24	23° 3	21°30	1° 8	15°40	13°28	28° 7	20°45	20°D20	21°15	10° 5	18°20	T 28
F 29	8 31 20	8°43'22	3♏ 5	18° 9	23°51	22° 4	1°11	15°47	13°25	28° 8	20°45	20°R20	21°12	10°12	18°21	F 29
S 30	8 35 17	9°44'18	14°53	19°55	24°40	22°38	1°14	15°55	13°22	28° 9	20°45	20°20	21° 8	10°19	18°23	S 30
S 31	8 39 13	10♒45'12	26♏43	21♒40	25♐30	23♏12	1♏17	16♒ 2	13♌20	28♈ 9	20♉45	20♈19	21♈ 5	10♏25	18♈25	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 4	9s56	0s 9	24s29	1s 2	17s24	4n33	12s20	1n12	9s50	1n14	17s55	0s54	17n 9	0n42	9n 8	1s46	3n50	14s40	9n 8	8n50	15s 6	7n55	0n58
S 2	22 59	15 0	1 11	24 33	1 8	17 20	4 38	12 32	1 12	9 52	1 15	17 53	0 54	17 10	0 42	9 8	1 46	3 50	14 40	9 8	8 49	15 9	7 55	0 58
S 3	22 54	19 32	2 10	24 36	1 13	17 16	4 42	12 44	1 11	9 55	1 15	17 51	0 54	17 10	0 42	9 8	1 46	3 50	14 39	9 7	8 47	15 12	7 55	0 57
M 4	22 48	23 20	3 4	24 37	1 19	17 14	4 47	12 56	1 11	9 57	1 15	17 49	0 54	17 11	0 42	9 8	1 46	3 50	14 39	9 5	8 46	15 15	7 55	0 57
T 5	22 41	26 10	3 50	24 37	1 24	17 12	4 50	13 7	1 11	9 59	1 15	17 47	0 54	17 12	0 42	9 8	1 46	3 50	14 39	9 2	8 45	15 18	7 55	0 57
W 6	22 35	27 48	4 26	24 35	1 28	17 11	4 53	13 19	1 11	10 2	1 15	17 45	0 54	17 12	0 42	9 8	1 46	3 50	14 39	8 57	8 44	15 21	7 55	0 57
T 7	22 27	28 3	4 50	24 32	1 33	17 11	4 56	13 30	1 11	10 4	1 16	17 44	0 54	17 13	0 42	9 8	1 46	3 50	14 38	8 53	8 43	15 24	7 55	0 57
F 8	22 20	26 47	5 0	24 28	1 37	17 11	4 59	13 42	1 10	10 6	1 16	17 42	0 54	17 14	0 42	9 8	1 46	3 50	14 38	8 47	8 41	15 27	7 55	0 57
S 9	22 12	24 4	4 54	24 22	1 41	17 12	5 1	13 53	1 10	10 8	1 16	17 40	0 54	17 14	0 42	9 8	1 46	3 51	14 38	8 42	8 40	15 30	7 55	0 57
S 10	22 3	20 1	4 32	24 15	1 45	17 14	5 2	14 4	1 10	10 10	1 16	17 38	0 54	17 15	0 42	9 8	1 46	3 51	14 38	8 38	8 39	15 33	7 56	0 57
M11	21 54	14 55	3 55	24 6	1 49	17 16	5 3	14 15	1 10	10 12	1 16	17 36	0 54	17 16	0 42	9 8	1 46	3 51	14 37	8 34	8 38	15 36	7 56	0 56
T 12	21 45	9 1	3 4	23 56	1 52	17 18	5 4	14 26	1 9	10 14	1 17	17 34	0 54	17 16	0 42	9 8	1 46	3 51	14 37	8 32	8 37	15 39	7 56	0 56
W13	21 35	2 39	2 2	23 44	1 55	17 21	5 5	14 37	1 9	10 16	1 17	17 32	0 54	17 17	0 42	9 8	1 46	3 51	14 37	8 30	8 35	15 42	7 56	0 56
T 14	21 25	3n55	0 52	23 31	1 57	17 25	5 5	14 48	1 9	10 18	1 17	17 30	0 54	17 18	0 42	9 8	1 45	3 51	14 36	8 30	8 34	15 45	7 56	0 56
F 15	21 14	10 21	0n22	23 16	2 0	17 28	5 5	14 58	1 8	10 20	1 17	17 28	0 54	17 19	0 42	9 8	1 45	3 52	14 36	8 30	8 33	15 48	7 57	0 56
S 16	21 3	16 20	1 35	22 59	2 1	17 32	5 5	15 9	1 8	10 21	1 17	17 26	0 55	17 19	0 42	9 8	1 45	3 52	14 36	8 30	8 32	15 51	7 57	0 56
S 17	20 52	21 28	2 42	22 41	2 3	17 37	5 4	15 19	1 8	10 23	1 18	17 24	0 55	17 20	0 42	9 9	1 45	3 52	14 35	8 29	8 31	15 54	7 57	0 56
M18	20 40	25 22	3 40	22 22	2 4	17 41	5 3	15 30	1 7	10 25	1 18	17 22	0 55	17 21	0 42	9 9	1 45	3 52	14 35	8 27	8 30	15 57	7 57	0 56
T 19	20 28	27 39	4 24	22 1	2 5	17 46	5 2	15 40	1 7	10 26	1 18	17 20	0 55	17 21	0 42	9 9	1 45	3 52	14 35	8 24	8 28	16 0	7 58	0 55
W20	20 15	28 7	4 51	21 38	2 5	17 51	5 1	15 50	1 7	10 28	1 18	17 18	0 55	17 22	0 42	9 9	1 45	3 53	14 35	8 21	8 27	16 3	7 58	0 55
T 21	20 2	26 45	5 0	21 14	2 5	17 56	4 59	16 0	1 6	10 29	1 18	17 16	0 55	17 23	0 42	9 9	1 45	3 53	14 34	8 16	8 26	16 6	7 58	0 55
F 22	19 49	23 45	4 52	20 49	2 5	18 1	4 58	16 10	1 6	10 31	1 19	17 14	0 55	17 24	0 42	9 10	1 45	3 53	14 34	8 11	8 25	16 9	7 59	0 55
S 23	19 35	19 31	4 26	20 21	2 4	18 7	4 56	16 20	1 6	10 32	1 19	17 12	0 55	17 24	0 42	9 10	1 45	3 53	14 34	8 7	8 24	16 11	7 59	0 55
S 24	19 21	14 25	3 47	19 52	2 2	18 12	4 53	16 30	1 5	10 33	1 19	17 10	0 55	17 25	0 42	9 10	1 45	3 54	14 33	8 3	8 22	16 14	8 0	0 55
M25	19 7	8 49	2 58	19 22	2 0	18 18	4 51	16 39	1 5	10 34	1 19	17 8	0 55	17 26	0 42	9 10	1 45	3 54	14 33	8 0	8 21	16 17	8 0	0 55
T 26	18 52	3 1	2 0	18 50	1 58	18 23	4 48	16 49	1 5	10 36	1 20	17 6	0 55	17 27	0 42	9 11	1 45	3 54	14 33	7 58	8 20	16 20	8 1	0 55
W27	18 37	2s46	0 59	18 17	1 55	18 29	4 46	16 58	1 4	10 37	1 20	17 4	0 55	17 27	0 42	9 11	1 45	3 54	14 32	7 57	8 19	16 23	8 1	0 54
T 28	18 21	8 22	0s 5	17 42	1 51	18 34	4 43	17 7	1 4	10 38	1 20	17 2	0 55	17 28	0 42	9 11	1 45	3 55	14 32	7 57	8 18	16 26	8 2	0 54
F 29	18 6	13 36	1 7	17 6	1 47	18 39	4 40	17 17	1 3	10 39	1 20	17 0	0 55	17 29	0 42	9 11	1 45	3 55	14 32	7 57	8 16	16 29	8 2	0 54
S 30	17 49	18 20	2 7	16 28	1 42	18 45	4 37	17 26	1 3	10 39	1 20	16 57	0 55	17 30	0 42	9 12	1 45	3 55	14 31	7 57	8 15	16 32	8 3	0 54
S 31	17s33	22s22	3s 1	15s49	1s36	18s50	4n33	17s35	1n 3	10s40	1n21	16s55	0s55	17n31	0n42	9n12	1s44	3n55	14s31	7n57	8n14	16s35	8n 3	0n54

Julian Day Number = 2405889.5, Delta T = -1.16 sec
Ecliptic obliquity = 23°27'28, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°59'41, Lahiri = 22°06'41

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ASTRODIENST EPHEMERIS for the year 1875
geocentric

FEBRUARY 1875 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 43 10	11♒46'06	8♐42	23♒25	26♐21	23♏45	1♏20	16♒ 9	13°R17	28♈10	20°R45	20°R15	21♈ 2	10♏32	18♈27	M 1
T 2	8 47 7	12°46'59	20°53	25° 9	27°12	24°19	1°23	16°16	13♌14	28°11	20♉45	20♈ 9	20°59	10°39	18°29	T 2
W 3	8 51 3	13°47'50	3♑21	26°53	28° 4	24°53	1°25	16°23	13°12	28°12	20°44	20° 0	20°56	10°45	18°30	W 3
T 4	8 55 0	14°48'41	16° 8	28°35	28°57	25°26	1°27	16°31	13° 9	28°13	20°D44	19°50	20°53	10°52	18°32	T 4
F 5	8 58 56	15°49'31	29°15	0♓16	29°50	26° 0	1°30	16°38	13° 7	28°14	20°45	19°38	20°49	10°59	18°34	F 5
S 6	9 2 53	16°50'20	12♒41	1°55	0♑44	26°33	1°31	16°45	13° 4	28°15	20°45	19°27	20°46	11° 5	18°37	S 6
S 7	9 6 49	17°51'07	26°23	3°33	1°39	27° 6	1°33	16°52	13° 1	28°16	20°45	19°17	20°43	11°12	18°39	S 7
M 8	9 10 46	18°51'53	10♓18	5° 7	2°34	27°40	1°35	16°59	12°59	28°17	20°45	19° 9	20°40	11°19	18°41	M 8
T 9	9 14 43	19°52'38	24°23	6°38	3°30	28°13	1°36	17° 7	12°56	28°18	20°45	19° 4	20°37	11°25	18°43	T 9
W10	9 18 39	20°53'21	8♈32	8° 5	4°26	28°46	1°37	17°14	12°54	28°19	20°45	19° 1	20°34	11°32	18°45	W10
T 11	9 22 36	21°54'03	22°43	9°28	5°23	29°19	1°38	17°21	12°51	28°20	20°45	19°D 1	20°30	11°39	18°48	T 11
F 12	9 26 32	22°54'42	6♉53	10°46	6°20	29°51	1°39	17°28	12°48	28°21	20°45	19° 1	20°27	11°45	18°50	F 12
S 13	9 30 29	23°55'21	21° 1	11°58	7°18	0♐24	1°39	17°35	12°46	28°22	20°45	19°R 2	20°24	11°52	18°52	S 13
S 14	9 34 25	24°55'57	5♊ 5	13° 3	8°16	0°57	1°40	17°43	12°43	28°24	20°46	19° 2	20°21	11°58	18°55	S 14
M15	9 38 22	25°56'32	19° 5	14° 1	9°15	1°29	1°40	17°50	12°41	28°25	20°46	18°59	20°18	12° 5	18°57	M15
T 16	9 42 18	26°57'05	2♋59	14°50	10°14	2° 1	1°R40	17°57	12°38	28°26	20°46	18°54	20°14	12°12	19° 0	T 16
W17	9 46 15	27°57'36	16°46	15°32	11°14	2°34	1°40	18° 4	12°36	28°27	20°46	18°48	20°11	12°18	19° 2	W17
T 18	9 50 12	28°58'05	0♌23	16° 4	12°14	3° 6	1°39	18°11	12°33	28°29	20°47	18°39	20° 8	12°25	19° 5	T 18
F 19	9 54 8	29°58'33	13°48	16°26	13°14	3°38	1°39	18°18	12°31	28°30	20°47	18°31	20° 5	12°32	19° 8	F 19
S 20	9 58 5	0♓58'59	26°58	16°39	14°15	4°10	1°38	18°25	12°28	28°31	20°47	18°22	20° 2	12°38	19°10	S 20
S 21	10 2 1	1°59'23	9♍53	16°R41	15°16	4°42	1°37	18°33	12°26	28°33	20°48	18°15	19°59	12°45	19°13	S 21
M22	10 5 58	2°59'45	22°32	16°34	16°18	5°14	1°36	18°40	12°23	28°34	20°48	18°10	19°55	12°52	19°16	M22
T 23	10 9 54	4° 0'06	4♎55	16°16	17°19	5°45	1°35	18°47	12°21	28°36	20°49	18° 7	19°52	12°58	19°19	T 23
W24	10 13 51	5° 0'25	17° 4	15°50	18°22	6°17	1°33	18°54	12°19	28°37	20°49	18°D 6	19°49	13° 5	19°22	W24
T 25	10 17 47	6° 0'43	29° 2	15°14	19°24	6°48	1°31	19° 1	12°16	28°39	20°49	18° 6	19°46	13°12	19°24	T 25
F 26	10 21 44	7° 1'00	10♏53	14°31	20°27	7°19	1°30	19° 8	12°14	28°40	20°50	18° 8	19°43	13°18	19°27	F 26
S 27	10 25 40	8° 1'15	22°41	13°42	21°30	7°50	1°27	19°15	12°12	28°42	20°50	18° 9	19°40	13°25	19°30	S 27
S 28	10 29 37	9♓ 1'28	4♐32	12♓46	22♑33	8♐21	1♏25	19♒22	12♌ 9	28♈43	20♉51	18°R10	19♈36	13♏32	19♈33	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s16	25s31	3s48	15s 9	1s30	18s55	4n30	17s43	1n 2	10s41	1n21	16s53	0s55	17n31	0n42	9n12	1s44	3n56	14s31	7n55	8n13	16s38	8n 4	0n54
T 2	16 59	27 33	4 25	14 27	1 23	19 0	4 26	17 52	1 2	10 42	1 21	16 51	0 55	17 32	0 42	9 13	1 44	3 56	14 30	7 53	8 12	16 41	8 4	0 54
W 3	16 42	28 15	4 50	13 45	1 15	19 4	4 22	18 1	1 1	10 42	1 21	16 49	0 55	17 33	0 42	9 13	1 44	3 56	14 30	7 50	8 11	16 43	8 5	0 54
T 4	16 24	27 29	5 2	13 1	1 7	19 9	4 19	18 9	1 1	10 43	1 22	16 47	0 56	17 34	0 42	9 13	1 44	3 57	14 30	7 46	8 9	16 46	8 6	0 53
F 5	16 6	25 11	4 59	12 17	0 58	19 13	4 15	18 18	1 0	10 43	1 22	16 45	0 56	17 34	0 42	9 14	1 44	3 57	14 29	7 41	8 8	16 49	8 6	0 53
S 6	15 48	21 28	4 39	11 33	0 48	19 17	4 11	18 26	1 0	10 44	1 22	16 43	0 56	17 35	0 42	9 14	1 44	3 57	14 29	7 37	8 7	16 52	8 7	0 53
S 7	15 30	16 32	4 3	10 48	0 37	19 21	4 6	18 34	0 59	10 44	1 22	16 41	0 56	17 36	0 42	9 15	1 44	3 58	14 29	7 33	8 6	16 55	8 8	0 53
M 8	15 11	10 39	3 11	10 3	0 26	19 24	4 2	18 42	0 59	10 44	1 22	16 38	0 56	17 37	0 42	9 15	1 44	3 58	14 28	7 30	8 5	16 58	8 9	0 53
T 9	14 52	4 11	2 8	9 18	0 14	19 27	3 58	18 50	0 58	10 45	1 23	16 36	0 56	17 37	0 42	9 15	1 44	3 58	14 28	7 28	8 3	17 1	8 9	0 53
W10	14 33	2n32	0 56	8 34	0 1	19 30	3 53	18 58	0 58	10 45	1 23	16 34	0 56	17 38	0 42	9 16	1 44	3 59	14 28	7 27	8 2	17 4	8 10	0 53
T 11	14 13	9 9	0n20	7 50	0n12	19 32	3 49	19 5	0 57	10 45	1 23	16 32	0 56	17 39	0 42	9 16	1 44	3 59	14 27	7 27	8 1	17 6	8 11	0 53
F 12	13 53	15 18	1 34	7 8	0 26	19 34	3 44	19 13	0 57	10 45	1 23	16 30	0 56	17 39	0 42	9 17	1 44	3 59	14 27	7 27	8 0	17 9	8 12	0 52
S 13	13 33	20 38	2 43	6 27	0 41	19 36	3 40	19 20	0 56	10 45	1 24	16 28	0 56	17 40	0 42	9 17	1 44	4 0	14 27	7 28	7 59	17 12	8 12	0 52
S 14	13 13	24 47	3 41	5 48	0 56	19 37	3 35	19 28	0 55	10 45	1 24	16 26	0 56	17 41	0 42	9 18	1 44	4 0	14 26	7 27	7 57	17 15	8 13	0 52
M15	12 53	27 26	4 26	5 12	1 12	19 38	3 30	19 35	0 55	10 45	1 24	16 24	0 56	17 42	0 42	9 18	1 44	4 1	14 26	7 26	7 56	17 18	8 14	0 52
T 16	12 32	28 20	4 55	4 38	1 27	19 39	3 25	19 42	0 54	10 45	1 24	16 21	0 56	17 42	0 42	9 19	1 44	4 1	14 26	7 25	7 55	17 21	8 15	0 52
W17	12 11	27 28	5 6	4 8	1 43	19 39	3 21	19 49	0 54	10 44	1 25	16 19	0 56	17 43	0 42	9 19	1 44	4 1	14 25	7 22	7 54	17 23	8 16	0 52
T 18	11 51	24 58	5 0	3 41	1 59	19 39	3 16	19 56	0 53	10 44	1 25	16 17	0 57	17 44	0 42	9 20	1 43	4 2	14 25	7 19	7 53	17 26	8 17	0 52
F 19	11 29	21 7	4 38	3 18	2 14	19 38	3 11	20 2	0 52	10 44	1 25	16 15	0 57	17 44	0 42	9 20	1 43	4 2	14 25	7 16	7 51	17 29	8 18	0 52
S 20	11 8	16 18	4 0	3 0	2 29	19 37	3 6	20 9	0 52	10 43	1 25	16 13	0 57	17 45	0 42	9 21	1 43	4 2	14 24	7 12	7 50	17 32	8 18	0 52
S 21	10 46	10 49	3 11	2 46	2 43	19 35	3 1	20 15	0 51	10 43	1 25	16 11	0 57	17 46	0 42	9 21	1 43	4 3	14 24	7 10	7 49	17 35	8 19	0 51
M22	10 25	5 1	2 14	2 36	2 56	19 33	2 56	20 22	0 50	10 42	1 26	16 9	0 57	17 47	0 42	9 22	1 43	4 3	14 24	7 8	7 48	17 38	8 20	0 51
T 23	10 3	0s52	1 11	2 32	3 8	19 31	2 51	20 28	0 50	10 41	1 26	16 7	0 57	17 47	0 42	9 22	1 43	4 4	14 24	7 7	7 47	17 40	8 21	0 51
W24	9 41	6 37	0 6	2 33	3 18	19 28	2 46	20 34	0 49	10 41	1 26	16 5	0 57	17 48	0 42	9 23	1 43	4 4	14 23	7 6	7 45	17 43	8 22	0 51
T 25	9 19	12 3	0s59	2 38	3 27	19 24	2 40	20 40	0 48	10 40	1 26	16 2	0 57	17 49	0 42	9 24	1 43	4 5	14 23	7 6	7 44	17 46	8 23	0 51
F 26	8 57	17 1	2 1	2 48	3 34	19 20	2 35	20 46	0 47	10 39	1 26	16 0	0 57	17 49	0 42	9 24	1 43	4 5	14 23	7 7	7 43	17 49	8 24	0 51
S 27	8 34	21 18	2 57	3 3	3 39	19 16	2 30	20 52	0 47	10 38	1 27	15 58	0 57	17 50	0 42	9 25	1 43	4 5	14 22	7 8	7 42	17 52	8 25	0 51
S 28	8s12	24s46	3s46	3s21	3n42	19s11	2n25	20s58	0n46	10s37	1n27	15s56	0s57	17n50	0n42	9n25	1s43	4n 6	14s22	7n 8	7n41	17s54	8n26	0n51

Julian Day Number = 2405920.5, Delta T = -1.19 sec
Ecliptic obliquity = 23°27'28, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°59'45, Lahiri = 22°06'46

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ASTRODIENST EPHEMERIS for the year 1875
geocentric

MARCH 1875 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 33 34	10♓ 1'40	16♐31	11°R47	23♑37	8♐52	1°R23	19♒29	12°R 7	28♈45	20♉51	18°R10	19♈33	13♏38	19♈36	M 1
T 2	10 37 30	11° 1'51	28°42	10♓46	24°41	9°23	1♏20	19°35	12♌ 5	28°47	20°52	18♈ 9	19°30	13°45	19°39	T 2
W 3	10 41 27	12° 2'00	11♑11	9°44	25°45	9°53	1°17	19°42	12° 3	28°48	20°53	18° 5	19°27	13°52	19°42	W 3
T 4	10 45 23	13° 2'07	24° 0	8°42	26°50	10°24	1°14	19°49	12° 1	28°50	20°53	18° 1	19°24	13°58	19°45	T 4
F 5	10 49 20	14° 2'13	7♒13	7°42	27°54	10°54	1°11	19°56	11°58	28°52	20°54	17°55	19°20	14° 5	19°49	F 5
S 6	10 53 16	15° 2'16	20°50	6°45	28°59	11°24	1° 8	20° 3	11°56	28°53	20°54	17°50	19°17	14°12	19°52	S 6
S 7	10 57 13	16° 2'19	4♓48	5°53	0♒ 4	11°54	1° 4	20°10	11°54	28°55	20°55	17°45	19°14	14°18	19°55	S 7
M 8	11 1 9	17° 2'19	19° 5	5° 5	1° 9	12°24	1° 1	20°16	11°52	28°57	20°56	17°41	19°11	14°25	19°58	M 8
T 9	11 5 6	18° 2'17	3♈35	4°23	2°15	12°53	0°57	20°23	11°50	28°59	20°56	17°39	19° 8	14°32	20° 1	T 9
W10	11 9 3	19° 2'13	18°11	3°47	3°21	13°23	0°53	20°30	11°48	29° 1	20°57	17°D38	19° 5	14°38	20° 5	W10
T 11	11 12 59	20° 2'08	2♉49	3°17	4°27	13°52	0°49	20°36	11°46	29° 2	20°58	17°39	19° 1	14°45	20° 8	T 11
F 12	11 16 56	21° 2'00	17°21	2°54	5°33	14°21	0°44	20°43	11°45	29° 4	20°59	17°40	18°58	14°52	20°11	F 12
S 13	11 20 52	22° 1'50	1♊44	2°37	6°39	14°50	0°40	20°49	11°43	29° 6	20°59	17°41	18°55	14°58	20°15	S 13
S 14	11 24 49	23° 1'37	15°56	2°27	7°45	15°18	0°35	20°56	11°41	29° 8	21° 0	17°42	18°52	15° 5	20°18	S 14
M15	11 28 45	24° 1'23	29°53	2°D23	8°52	15°47	0°30	21° 2	11°39	29°10	21° 1	17°R42	18°49	15°12	20°21	M15
T 16	11 32 42	25° 1'06	13♋36	2°25	9°59	16°15	0°25	21° 9	11°37	29°12	21° 2	17°41	18°46	15°18	20°25	T 16
W17	11 36 38	26° 0'47	27° 5	2°33	11° 6	16°43	0°20	21°15	11°36	29°14	21° 2	17°39	18°42	15°25	20°28	W17
T 18	11 40 35	27° 0'25	10♌19	2°47	12°13	17°11	0°15	21°21	11°34	29°16	21° 3	17°37	18°39	15°32	20°32	T 18
F 19	11 44 32	28° 0'02	23°19	3° 6	13°20	17°39	0°10	21°28	11°33	29°18	21° 4	17°33	18°36	15°38	20°35	F 19
S 20	11 48 28	28°59'36	6♍ 6	3°30	14°27	18° 6	0° 4	21°34	11°31	29°20	21° 5	17°31	18°33	15°45	20°39	S 20
S 21	11 52 25	29°59'08	18°40	3°58	15°35	18°33	29♎58	21°40	11°30	29°22	21° 6	17°28	18°30	15°52	20°42	S 21
M22	11 56 21	0♈58'37	1♎ 2	4°31	16°42	19° 0	29°53	21°46	11°28	29°24	21° 7	17°27	18°26	15°58	20°46	M22
T 23	12 0 18	1°58'05	13°14	5° 8	17°50	19°27	29°47	21°52	11°27	29°26	21° 8	17°D26	18°23	16° 5	20°49	T 23
W24	12 4 14	2°57'31	25°15	5°49	18°58	19°54	29°41	21°58	11°25	29°28	21° 9	17°26	18°20	16°12	20°53	W24
T 25	12 8 11	3°56'55	7♏10	6°34	20° 6	20°20	29°34	22° 4	11°24	29°30	21°10	17°27	18°17	16°18	20°56	T 25
F 26	12 12 7	4°56'17	19° 0	7°23	21°14	20°46	29°28	22°10	11°23	29°32	21°11	17°28	18°14	16°25	21° 0	F 26
S 27	12 16 4	5°55'37	0♐49	8°14	22°23	21°12	29°22	22°16	11°22	29°34	21°12	17°29	18°11	16°31	21° 3	S 27
S 28	12 20 1	6°54'55	12°40	9° 9	23°31	21°38	29°15	22°22	11°20	29°36	21°13	17°30	18° 7	16°38	21° 7	S 28
M29	12 23 57	7°54'12	24°39	10° 7	24°40	22° 3	29° 8	22°28	11°19	29°38	21°14	17°31	18° 4	16°45	21°11	M29
T 30	12 27 54	8°53'27	6♑48	11° 7	25°48	22°28	29° 2	22°34	11°18	29°41	21°15	17°R31	18° 1	16°51	21°14	T 30
W31	12 31 50	9♈52'40	19♑14	12♓11	26♒57	22♐53	28♎55	22♒39	11♌17	29♈43	21♉16	17♈31	17♈58	16♏58	21♈18	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s49	27s11	4s26	3s43	3n43	19s 6	2n20	21s 3	0n45	10s36	1n27	15s54	0s58	17n51	0n42	9n26	1s43	4n 6	14s22	7n 8	7n39	17s57	8n27	0n51
T 2	7 26	28 21	4 54	4 7	3 41	19 0	2 15	21 9	0 44	10 35	1 27	15 52	0 58	17 52	0 42	9 27	1 43	4 7	14 21	7 7	7 38	18 0	8 28	0 51
W 3	7 3	28 7	5 9	4 34	3 38	18 53	2 9	21 14	0 43	10 34	1 27	15 50	0 58	17 52	0 42	9 27	1 43	4 7	14 21	7 6	7 37	18 3	8 30	0 50
T 4	6 40	26 24	5 10	5 2	3 32	18 47	2 4	21 19	0 43	10 33	1 28	15 48	0 58	17 53	0 42	9 28	1 43	4 8	14 21	7 4	7 36	18 5	8 31	0 50
F 5	6 17	23 13	4 54	5 31	3 25	18 39	1 59	21 24	0 42	10 31	1 28	15 46	0 58	17 53	0 42	9 29	1 43	4 8	14 20	7 2	7 35	18 8	8 32	0 50
S 6	5 54	18 42	4 22	6 0	3 16	18 31	1 54	21 29	0 41	10 30	1 28	15 44	0 58	17 54	0 42	9 29	1 43	4 8	14 20	7 0	7 33	18 11	8 33	0 50
S 7	5 31	13 4	3 33	6 29	3 5	18 23	1 49	21 34	0 40	10 29	1 28	15 42	0 58	17 55	0 42	9 30	1 43	4 9	14 20	6 58	7 32	18 14	8 34	0 50
M 8	5 7	6 37	2 30	6 58	2 54	18 14	1 44	21 39	0 39	10 27	1 28	15 40	0 58	17 55	0 42	9 31	1 43	4 9	14 20	6 57	7 31	18 17	8 35	0 50
T 9	4 44	0n15	1 16	7 25	2 41	18 4	1 39	21 44	0 38	10 26	1 29	15 38	0 58	17 56	0 42	9 31	1 43	4 10	14 19	6 56	7 30	18 19	8 36	0 50
W10	4 21	7 11	0n 3	7 50	2 27	17 54	1 33	21 49	0 37	10 24	1 29	15 36	0 58	17 56	0 42	9 32	1 43	4 10	14 19	6 56	7 29	18 22	8 37	0 50
T 11	3 57	13 45	1 22	8 14	2 13	17 44	1 28	21 53	0 36	10 23	1 29	15 34	0 59	17 57	0 42	9 33	1 43	4 11	14 19	6 56	7 27	18 25	8 38	0 50
F 12	3 33	19 31	2 36	8 36	1 59	17 33	1 23	21 57	0 35	10 21	1 29	15 32	0 59	17 57	0 42	9 33	1 43	4 11	14 18	6 56	7 26	18 28	8 40	0 50
S 13	3 10	24 6	3 39	8 55	1 44	17 22	1 18	22 2	0 34	10 19	1 29	15 30	0 59	17 58	0 42	9 34	1 43	4 12	14 18	6 57	7 25	18 30	8 41	0 49
S 14	2 46	27 9	4 28	9 13	1 30	17 10	1 13	22 6	0 33	10 17	1 29	15 28	0 59	17 58	0 42	9 35	1 42	4 12	14 18	6 57	7 24	18 33	8 42	0 49
M15	2 23	28 27	5 0	9 28	1 15	16 57	1 8	22 10	0 32	10 16	1 30	15 26	0 59	17 59	0 42	9 35	1 42	4 12	14 18	6 57	7 22	18 36	8 43	0 49
T 16	1 59	27 58	5 14	9 41	1 1	16 44	1 4	22 14	0 31	10 14	1 30	15 24	0 59	17 59	0 42	9 36	1 42	4 13	14 17	6 57	7 21	18 38	8 44	0 49
W17	1 35	25 50	5 11	9 51	0 46	16 31	0 59	22 18	0 30	10 12	1 30	15 22	0 59	17 59	0 42	9 37	1 42	4 13	14 17	6 56	7 20	18 41	8 46	0 49
T 18	1 11	22 20	4 51	9 59	0 33	16 17	0 54	22 22	0 29	10 10	1 30	15 20	0 59	18 0	0 42	9 37	1 42	4 14	14 17	6 55	7 19	18 44	8 47	0 49
F 19	0 48	17 47	4 16	10 5	0 19	16 3	0 49	22 26	0 27	10 8	1 30	15 18	0 59	18 0	0 42	9 38	1 42	4 14	14 16	6 54	7 18	18 47	8 48	0 49
S 20	0 24	12 31	3 29	10 8	0 6	15 48	0 44	22 29	0 26	10 6	1 30	15 16	1 0	18 1	0 42	9 39	1 42	4 15	14 16	6 53	7 16	18 49	8 49	0 49
S 21	0 0	6 49	2 32	10 10	0s 7	15 33	0 39	22 33	0 25	10 4	1 30	15 14	1 0	18 1	0 42	9 40	1 42	4 15	14 16	6 52	7 15	18 52	8 51	0 49
M22	0n23	0 57	1 29	10 9	0 19	15 17	0 35	22 36	0 24	10 1	1 31	15 12	1 0	18 1	0 42	9 40	1 42	4 16	14 16	6 51	7 14	18 55	8 52	0 49
T 23	0 47	4s52	0 23	10 6	0 31	15 1	0 30	22 40	0 23	9 59	1 31	15 10	1 0	18 2	0 42	9 41	1 42	4 16	14 15	6 51	7 13	18 57	8 53	0 49
W24	1 11	10 27	0s43	10 2	0 42	14 45	0 26	22 43	0 21	9 57	1 31	15 9	1 0	18 2	0 42	9 42	1 42	4 17	14 15	6 51	7 12	19 0	8 54	0 48
T 25	1 34	15 36	1 47	9 55	0 52	14 28	0 21	22 46	0 20	9 55	1 31	15 7	1 0	18 3	0 42	9 43	1 42	4 17	14 15	6 51	7 10	19 3	8 56	0 48
F 26	1 58	20 9	2 46	9 46	1 3	14 10	0 17	22 50	0 19	9 52	1 31	15 5	1 0	18 3	0 42	9 43	1 42	4 18	14 15	6 52	7 9	19 5	8 57	0 48
S 27	2 21	23 53	3 38	9 36	1 12	13 52	0 12	22 53	0 17	9 50	1 31	15 3	1 1	18 3	0 42	9 44	1 42	4 18	14 14	6 52	7 8	19 8	8 58	0 48
S 28	2 45	26 38	4 21	9 24	1 21	13 34	0 8	22 56	0 16	9 48	1 31	15 1	1 1	18 3	0 42	9 45	1 42	4 19	14 14	6 53	7 7	19 11	8 59	0 48
M29	3 8	28 13	4 52	9 10	1 30	13 15	0 4	22 59	0 14	9 45	1 31	15 0	1 1	18 4	0 42	9 46	1 42	4 19	14 14	6 53	7 6	19 13	9 1	0 48
T 30	3 32	28 28	5 12	8 54	1 38	12 56	0s 1	23 2	0 13	9 43	1 31	14 58	1 1	18 4	0 42	9 46	1 42	4 19	14 14	6 53	7 4	19 16	9 2	0 48
W31	3n55	27s18	5s17	8s37	1s45	12s37	0s 5	23s 5	0n12	9s40	1n32	14s56	1s 1	18n 4	0n42	9n47	1s42	4n20	14s14	6n53	7n 3	19s19	9n 3	0n48

Julian Day Number = 2405948.5, Delta T = -1.23 sec
Ecliptic obliquity = 23°27'29, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°59'49, Lahiri = 22°06'49

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ASTRODIENST EPHEMERIS for the year 1875
geocentric

APRIL 1875 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 35 47	10♈51'51	2♒ 0	13♓16	28♒ 6	23♐18	28°R48	22♒45	11°R16	29♈45	21♉17	17°R31	17♈55	17♏ 5	21♈22	T 1
F 2	12 39 43	11°51'00	15°10	14°24	29°15	23°42	28♎41	22°51	11♌15	29°47	21°18	17♈30	17°51	17°11	21°25	F 2
S 3	12 43 40	12°50'08	28°46	15°35	0♓24	24° 6	28°34	22°56	11°15	29°49	21°19	17°29	17°48	17°18	21°29	S 3
S 4	12 47 36	13°49'14	12♓48	16°47	1°33	24°29	28°27	23° 1	11°14	29°51	21°20	17°29	17°45	17°25	21°33	S 4
M 5	12 51 33	14°48'18	27°13	18° 2	2°42	24°53	28°20	23° 7	11°13	29°54	21°21	17°29	17°42	17°31	21°36	M 5
T 6	12 55 30	15°47'19	11♈58	19°19	3°51	25°16	28°12	23°12	11°12	29°56	21°22	17°D29	17°39	17°38	21°40	T 6
W 7	12 59 26	16°46'19	26°55	20°37	5° 1	25°38	28° 5	23°17	11°12	29°58	21°23	17°29	17°36	17°45	21°44	W 7
T 8	13 3 23	17°45'17	11♉56	21°58	6°10	26° 1	27°57	23°23	11°11	0♉ 0	21°25	17°R29	17°32	17°51	21°47	T 8
F 9	13 7 19	18°44'13	26°53	23°20	7°20	26°23	27°50	23°28	11°10	0° 2	21°26	17°28	17°29	17°58	21°51	F 9
S 10	13 11 16	19°43'07	11♊38	24°45	8°29	26°44	27°42	23°33	11°10	0° 5	21°27	17°28	17°26	18° 5	21°55	S 10
S 11	13 15 12	20°41'58	26° 6	26°11	9°39	27° 5	27°35	23°38	11° 9	0° 7	21°28	17°28	17°23	18°11	21°58	S 11
M12	13 19 9	21°40'47	10♋12	27°39	10°49	27°26	27°27	23°43	11° 9	0° 9	21°29	17°28	17°20	18°18	22° 2	M12
T 13	13 23 5	22°39'34	23°56	29° 8	11°59	27°47	27°20	23°48	11° 9	0°11	21°30	17°D28	17°17	18°25	22° 6	T 13
W14	13 27 2	23°38'18	7♌19	0♈39	13° 9	28° 7	27°12	23°52	11° 8	0°14	21°32	17°28	17°13	18°31	22°10	W14
T 15	13 30 59	24°37'00	20°21	2°12	14°19	28°27	27° 4	23°57	11° 8	0°16	21°33	17°28	17°10	18°38	22°13	T 15
F 16	13 34 55	25°35'40	3♍ 5	3°47	15°29	28°46	26°57	24° 2	11° 8	0°18	21°34	17°29	17° 7	18°45	22°17	F 16
S 17	13 38 52	26°34'18	15°35	5°23	16°39	29° 5	26°49	24° 6	11° 8	0°20	21°35	17°30	17° 4	18°51	22°21	S 17
S 18	13 42 48	27°32'53	27°52	7° 1	17°49	29°24	26°41	24°11	11° 8	0°23	21°37	17°31	17° 1	18°58	22°24	S 18
M19	13 46 45	28°31'27	9♎59	8°41	18°59	29°42	26°34	24°15	11°D 8	0°25	21°38	17°31	16°57	19° 5	22°28	M19
T 20	13 50 41	29°29'58	21°59	10°22	20° 9	29°59	26°26	24°19	11° 8	0°27	21°39	17°R31	16°54	19°11	22°32	T 20
W21	13 54 38	0♉28'28	3♏53	12° 5	21°20	0♑17	26°18	24°24	11° 8	0°29	21°40	17°31	16°51	19°18	22°35	W21
T 22	13 58 34	1°26'55	15°43	13°49	22°30	0°33	26°11	24°28	11° 8	0°32	21°42	17°30	16°48	19°25	22°39	T 22
F 23	14 2 31	2°25'21	27°33	15°36	23°41	0°50	26° 3	24°32	11° 8	0°34	21°43	17°28	16°45	19°31	22°43	F 23
S 24	14 6 28	3°23'45	9♐23	17°24	24°51	1° 6	25°56	24°36	11° 9	0°36	21°44	17°25	16°42	19°38	22°46	S 24
S 25	14 10 24	4°22'08	21°17	19°13	26° 2	1°21	25°48	24°40	11° 9	0°38	21°46	17°23	16°38	19°45	22°50	S 25
M26	14 14 21	5°20'29	3♑18	21° 5	27°12	1°36	25°41	24°44	11° 9	0°41	21°47	17°20	16°35	19°51	22°54	M26
T 27	14 18 17	6°18'48	15°28	22°58	28°23	1°50	25°33	24°48	11°10	0°43	21°48	17°18	16°32	19°58	22°57	T 27
W28	14 22 14	7°17'06	27°53	24°52	29°34	2° 4	25°26	24°51	11°10	0°45	21°49	17°17	16°29	20° 5	23° 1	W28
T 29	14 26 10	8°15'22	10♒35	26°49	0♈44	2°17	25°18	24°55	11°11	0°48	21°51	17°D17	16°26	20°11	23° 5	T 29
F 30	14 30 7	9♉13'37	23♒39	28♈47	1♈55	2♑30	25♎11	24♒58	11♌11	0♉50	21♉52	17♈17	16♈23	20♏18	23♈ 8	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n18	24s43	5s 7	8s18	1s52	12s17	0s 9	23s 7	0n10	9s38	1n32	14s54	1s 1	18n 5	0n42	9n48	1s42	4n20	14s13	6n53	7n 2	19s21	9n 5	0n48
F 2	4 41	20 46	4 41	7 58	1 59	11 57	0 13	23 10	0 8	9 35	1 32	14 53	1 1	18 5	0 42	9 49	1 42	4 21	14 13	6 53	7 1	19 24	9 6	0 48
S 3	5 4	15 38	3 59	7 36	2 5	11 36	0 17	23 13	0 7	9 33	1 32	14 51	1 1	18 5	0 42	9 50	1 42	4 21	14 13	6 52	7 0	19 27	9 7	0 48
S 4	5 27	9 33	3 1	7 13	2 10	11 15	0 21	23 15	0 5	9 30	1 32	14 49	1 2	18 5	0 41	9 50	1 42	4 22	14 13	6 52	6 58	19 29	9 8	0 48
M 5	5 50	2 48	1 50	6 48	2 15	10 54	0 25	23 18	0 4	9 27	1 32	14 48	1 2	18 5	0 41	9 51	1 42	4 22	14 13	6 52	6 57	19 32	9 10	0 47
T 6	6 13	4n16	0 31	6 22	2 19	10 32	0 28	23 20	0 2	9 25	1 32	14 46	1 2	18 5	0 41	9 52	1 42	4 23	14 12	6 52	6 56	19 35	9 11	0 47
W 7	6 36	11 12	0n52	5 54	2 23	10 11	0 32	23 23	0 0	9 22	1 32	14 45	1 2	18 6	0 41	9 53	1 42	4 23	14 12	6 52	6 55	19 37	9 12	0 47
T 8	6 58	17 31	2 12	5 26	2 26	9 48	0 36	23 25	0s 2	9 19	1 32	14 43	1 2	18 6	0 41	9 53	1 42	4 24	14 12	6 52	6 53	19 40	9 14	0 47
F 9	7 21	22 45	3 22	4 55	2 29	9 26	0 39	23 28	0 3	9 17	1 32	14 41	1 2	18 6	0 41	9 54	1 42	4 24	14 12	6 52	6 52	19 42	9 15	0 47
S 10	7 43	26 27	4 18	4 24	2 31	9 3	0 42	23 30	0 5	9 14	1 32	14 40	1 3	18 6	0 41	9 55	1 42	4 25	14 12	6 52	6 51	19 45	9 16	0 47
S 11	8 5	28 20	4 56	3 51	2 33	8 40	0 46	23 33	0 7	9 11	1 32	14 38	1 3	18 6	0 41	9 56	1 42	4 25	14 11	6 52	6 50	19 48	9 18	0 47
M12	8 27	28 18	5 15	3 18	2 34	8 16	0 49	23 35	0 9	9 9	1 32	14 37	1 3	18 6	0 41	9 57	1 42	4 26	14 11	6 52	6 49	19 50	9 19	0 47
T 13	8 49	26 31	5 15	2 42	2 35	7 53	0 52	23 37	0 11	9 6	1 32	14 35	1 3	18 6	0 41	9 57	1 42	4 26	14 11	6 52	6 47	19 53	9 20	0 47
W14	9 11	23 16	4 59	2 6	2 35	7 29	0 55	23 39	0 13	9 3	1 32	14 34	1 3	18 6	0 41	9 58	1 42	4 26	14 11	6 52	6 46	19 56	9 22	0 47
T 15	9 33	18 56	4 27	1 29	2 34	7 5	0 58	23 42	0 15	9 0	1 32	14 33	1 3	18 6	0 41	9 59	1 42	4 27	14 11	6 52	6 45	19 58	9 23	0 47
F 16	9 54	13 50	3 42	0 51	2 34	6 40	1 1	23 44	0 17	8 58	1 32	14 31	1 3	18 6	0 41	10 0	1 42	4 27	14 11	6 52	6 44	20 1	9 24	0 47
S 17	10 15	8 16	2 48	0 11	2 32	6 16	1 4	23 46	0 19	8 55	1 32	14 30	1 4	18 6	0 41	10 1	1 42	4 28	14 10	6 52	6 42	20 3	9 26	0 47
S 18	10 37	2 29	1 47	0n29	2 30	5 51	1 7	23 49	0 21	8 52	1 32	14 28	1 4	18 6	0 41	10 1	1 42	4 28	14 10	6 53	6 41	20 6	9 27	0 47
M19	10 57	3s19	0 42	1 11	2 28	5 26	1 10	23 51	0 23	8 50	1 32	14 27	1 4	18 6	0 41	10 2	1 42	4 29	14 10	6 53	6 40	20 8	9 28	0 46
T 20	11 18	8 57	0s25	1 53	2 25	5 1	1 12	23 53	0 26	8 47	1 32	14 26	1 4	18 6	0 41	10 3	1 42	4 29	14 10	6 53	6 39	20 11	9 29	0 46
W21	11 39	14 13	1 29	2 37	2 21	4 35	1 15	23 55	0 28	8 44	1 32	14 25	1 4	18 6	0 41	10 4	1 42	4 30	14 10	6 53	6 38	20 14	9 31	0 46
T 22	11 59	18 57	2 30	3 21	2 17	4 10	1 17	23 58	0 30	8 41	1 32	14 23	1 4	18 6	0 41	10 5	1 42	4 30	14 10	6 52	6 36	20 16	9 32	0 46
F 23	12 19	22 56	3 24	4 6	2 13	3 44	1 20	24 0	0 33	8 39	1 32	14 22	1 5	18 6	0 41	10 5	1 42	4 30	14 10	6 52	6 35	20 19	9 33	0 46
S 24	12 39	25 58	4 9	4 52	2 8	3 18	1 22	24 2	0 35	8 36	1 32	14 21	1 5	18 6	0 41	10 6	1 42	4 31	14 9	6 51	6 34	20 21	9 35	0 46
S 25	12 59	27 53	4 44	5 39	2 2	2 52	1 24	24 4	0 37	8 33	1 31	14 20	1 5	18 6	0 41	10 7	1 42	4 31	14 9	6 50	6 33	20 24	9 36	0 46
M26	13 19	28 31	5 6	6 26	1 56	2 26	1 26	24 7	0 40	8 31	1 31	14 19	1 5	18 6	0 41	10 8	1 42	4 32	14 9	6 49	6 32	20 26	9 37	0 46
T 27	13 38	27 47	5 15	7 14	1 50	2 0	1 28	24 9	0 42	8 28	1 31	14 18	1 5	18 6	0 41	10 8	1 42	4 32	14 9	6 48	6 30	20 29	9 39	0 46
W28	13 57	25 40	5 10	8 3	1 43	1 33	1 30	24 12	0 45	8 26	1 31	14 16	1 5	18 5	0 41	10 9	1 42	4 32	14 9	6 48	6 29	20 31	9 40	0 46
T 29	14 16	22 14	4 50	8 52	1 35	1 7	1 32	24 14	0 48	8 23	1 31	14 15	1 6	18 5	0 41	10 10	1 42	4 33	14 9	6 47	6 28	20 34	9 41	0 46
F 30	14n35	17s39	4s14	9n41	1s27	0s40	1s34	24s16	0s50	8s20	1n31	14s14	1s 6	18n 5	0n41	10n11	1s42	4n33	14s 9	6n48	6n27	20s36	9n42	0n46

Julian Day Number = 2405979.5, Delta T = -1.27 sec
Ecliptic obliquity = 23°27'29, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°59'53, Lahiri = 22°06'54

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ASTRODIENST EPHEMERIS for the year 1875
geocentric

MAY 1875 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 34 3	10♉11'50	7♓ 7	0♉47	3♈ 6	2♊42	25°R 4	25♒ 2	11♌12	0♉52	21♉53	17♈19	16♈19	20♏25	23♈12	S 1
S 2	14 38 0	11°10'01	21° 1	2°48	4°17	2°54	24♎57	25° 5	11°13	0°54	21°55	17°20	16°16	20°31	23°15	S 2
M 3	14 41 57	12° 8'11	5♈22	4°51	5°28	3° 5	24°50	25° 9	11°13	0°56	21°56	17°21	16°13	20°38	23°19	M 3
T 4	14 45 53	13° 6'20	20° 6	6°56	6°39	3°15	24°42	25°12	11°14	0°59	21°57	17°R22	16°10	20°45	23°22	T 4
W 5	14 49 50	14° 4'27	5♉ 9	9° 1	7°50	3°25	24°36	25°15	11°15	1° 1	21°59	17°21	16° 7	20°51	23°26	W 5
T 6	14 53 46	15° 2'33	20°21	11° 9	9° 1	3°34	24°29	25°18	11°16	1° 3	22° 0	17°18	16° 3	20°58	23°30	T 6
F 7	14 57 43	16° 0'36	5♊34	13°17	10°12	3°43	24°22	25°21	11°17	1° 5	22° 1	17°15	16° 0	21° 5	23°33	F 7
S 8	15 1 39	16°58'39	20°37	15°26	11°23	3°51	24°15	25°24	11°18	1° 8	22° 3	17°11	15°57	21°11	23°37	S 8
S 9	15 5 36	17°56'39	5♋21	17°36	12°34	3°58	24° 9	25°26	11°19	1°10	22° 4	17° 7	15°54	21°18	23°40	S 9
M10	15 9 32	18°54'38	19°41	19°46	13°46	4° 4	24° 2	25°29	11°20	1°12	22° 6	17° 3	15°51	21°25	23°43	M10
T 11	15 13 29	19°52'35	3♌33	21°57	14°57	4°10	23°56	25°32	11°21	1°14	22° 7	17° 1	15°48	21°32	23°47	T 11
W12	15 17 26	20°50'29	16°59	24° 8	16° 8	4°16	23°50	25°34	11°22	1°16	22° 8	17°D 0	15°44	21°38	23°50	W12
T 13	15 21 22	21°48'22	29°59	26°19	17°19	4°20	23°44	25°37	11°23	1°18	22°10	17° 0	15°41	21°45	23°54	T 13
F 14	15 25 19	22°46'14	12♍37	28°29	18°31	4°24	23°38	25°39	11°25	1°21	22°11	17° 1	15°38	21°52	23°57	F 14
S 15	15 29 15	23°44'03	24°57	0♊38	19°42	4°27	23°32	25°41	11°26	1°23	22°12	17° 3	15°35	21°58	24° 0	S 15
S 16	15 33 12	24°41'51	7♎ 4	2°46	20°53	4°30	23°26	25°43	11°28	1°25	22°14	17° 4	15°32	22° 5	24° 4	S 16
M17	15 37 8	25°39'37	19° 2	4°53	22° 5	4°31	23°21	25°45	11°29	1°27	22°15	17°R 5	15°29	22°12	24° 7	M17
T 18	15 41 5	26°37'21	0♏54	6°58	23°16	4°33	23°15	25°47	11°31	1°29	22°16	17° 4	15°25	22°18	24°10	T 18
W19	15 45 1	27°35'04	12°44	9° 2	24°28	4°R33	23°10	25°49	11°32	1°31	22°18	17° 1	15°22	22°25	24°13	W19
T 20	15 48 58	28°32'46	24°33	11° 3	25°39	4°32	23° 5	25°51	11°34	1°33	22°19	16°56	15°19	22°32	24°17	T 20
F 21	15 52 55	29°30'27	6♐24	13° 2	26°51	4°31	23° 0	25°52	11°35	1°35	22°20	16°49	15°16	22°38	24°20	F 21
S 22	15 56 51	0♊28'06	18°18	14°59	28° 2	4°29	22°55	25°54	11°37	1°37	22°22	16°42	15°13	22°45	24°23	S 22
S 23	16 0 48	1°25'44	0♑18	16°53	29°14	4°27	22°50	25°55	11°39	1°39	22°23	16°33	15° 9	22°52	24°26	S 23
M24	16 4 44	2°23'21	12°26	18°45	0♉26	4°23	22°46	25°57	11°41	1°41	22°24	16°25	15° 6	22°58	24°29	M24
T 25	16 8 41	3°20'56	24°42	20°34	1°37	4°19	22°41	25°58	11°42	1°43	22°26	16°18	15° 3	23° 5	24°32	T 25
W26	16 12 37	4°18'31	7♒11	22°20	2°49	4°14	22°37	25°59	11°44	1°45	22°27	16°13	15° 0	23°12	24°35	W26
T 27	16 16 34	5°16'05	19°54	24° 3	4° 1	4° 8	22°33	26° 0	11°46	1°47	22°28	16°10	14°57	23°18	24°38	T 27
F 28	16 20 30	6°13'38	2♓54	25°44	5°12	4° 2	22°29	26° 1	11°48	1°49	22°30	16°D 9	14°54	23°25	24°41	F 28
S 29	16 24 27	7°11'10	16°15	27°21	6°24	3°55	22°25	26° 2	11°50	1°51	22°31	16° 9	14°50	23°32	24°44	S 29
S 30	16 28 24	8° 8'41	29°59	28°56	7°36	3°47	22°21	26° 3	11°52	1°53	22°32	16°10	14°47	23°38	24°47	S 30
M31	16 32 20	9♊ 6'12	14♈ 9	0♋27	8♉48	3♊38	22♎18	26♒ 3	11♌54	1♉55	22♉34	16°R11	14♈44	23♏45	24♈50	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n53	12s 3	3s24	10n31	1s19	0s14	1s36	24s19	0s53	8s18	1n31	14s13	1s 6	18n 5	0n41	10n12	1s42	4n34	14s 9	6n48	6n25	20s39	9n44	0n46
S 2	15 11	5 42	2 20	11 21	1 10	0n13	1 37	24 21	0 56	8 15	1 31	14 12	1 6	18 5	0 41	10 12	1 42	4 34	14 9	6 49	6 24	20 41	9 45	0 46
M 3	15 29	1n 8	1 6	12 11	1 1	0 40	1 39	24 24	0 59	8 13	1 31	14 11	1 6	18 4	0 41	10 13	1 42	4 35	14 9	6 49	6 23	20 44	9 46	0 46
T 4	15 47	8 6	0n15	13 1	0 52	1 7	1 40	24 27	1 2	8 10	1 30	14 11	1 6	18 4	0 41	10 14	1 42	4 35	14 8	6 49	6 22	20 46	9 48	0 46
W 5	16 5	14 45	1 36	13 51	0 42	1 33	1 41	24 29	1 5	8 8	1 30	14 10	1 7	18 4	0 41	10 15	1 42	4 35	14 8	6 49	6 21	20 49	9 49	0 45
T 6	16 22	20 36	2 51	14 41	0 32	2 0	1 42	24 32	1 8	8 6	1 30	14 9	1 7	18 4	0 40	10 15	1 42	4 36	14 8	6 48	6 19	20 51	9 50	0 45
F 7	16 39	25 5	3 54	15 30	0 22	2 27	1 44	24 35	1 11	8 3	1 30	14 8	1 7	18 3	0 40	10 16	1 42	4 36	14 8	6 47	6 18	20 54	9 51	0 45
S 8	16 55	27 47	4 40	16 18	0 11	2 54	1 45	24 38	1 14	8 1	1 30	14 7	1 7	18 3	0 40	10 17	1 42	4 36	14 8	6 45	6 17	20 56	9 52	0 45
S 9	17 12	28 27	5 6	17 5	0 1	3 21	1 46	24 41	1 17	7 59	1 30	14 6	1 7	18 3	0 40	10 18	1 42	4 37	14 8	6 44	6 16	20 59	9 54	0 45
M10	17 28	27 10	5 12	17 51	0n10	3 48	1 46	24 44	1 20	7 57	1 30	14 6	1 8	18 2	0 40	10 18	1 42	4 37	14 8	6 42	6 14	21 1	9 55	0 45
T 11	17 43	24 14	5 0	18 36	0 20	4 15	1 47	24 47	1 23	7 54	1 29	14 5	1 8	18 2	0 40	10 19	1 42	4 38	14 8	6 41	6 13	21 4	9 56	0 45
W12	17 59	20 4	4 31	19 19	0 31	4 41	1 48	24 50	1 27	7 52	1 29	14 4	1 8	18 2	0 40	10 20	1 42	4 38	14 8	6 41	6 12	21 6	9 57	0 45
T 13	18 14	15 4	3 49	20 1	0 41	5 8	1 49	24 53	1 30	7 50	1 29	14 4	1 8	18 1	0 40	10 20	1 42	4 38	14 8	6 41	6 11	21 9	9 59	0 45
F 14	18 29	9 33	2 57	20 40	0 51	5 35	1 49	24 57	1 34	7 48	1 29	14 3	1 8	18 1	0 40	10 21	1 42	4 39	14 8	6 41	6 10	21 11	10 0	0 45
S 15	18 43	3 48	1 58	21 17	1 1	6 1	1 49	25 0	1 37	7 46	1 29	14 3	1 8	18 0	0 40	10 22	1 42	4 39	14 8	6 42	6 8	21 14	10 1	0 45
S 16	18 57	1s59	0 54	21 53	1 10	6 28	1 50	25 3	1 41	7 44	1 28	14 2	1 9	18 0	0 40	10 23	1 42	4 39	14 8	6 43	6 7	21 16	10 2	0 45
M17	19 11	7 38	0s11	22 25	1 19	6 54	1 50	25 7	1 44	7 43	1 28	14 2	1 9	18 0	0 40	10 23	1 42	4 40	14 8	6 43	6 6	21 18	10 3	0 45
T 18	19 25	12 58	1 15	22 55	1 27	7 20	1 50	25 10	1 48	7 41	1 28	14 1	1 9	17 59	0 40	10 24	1 42	4 40	14 8	6 42	6 5	21 21	10 4	0 45
W19	19 38	17 49	2 15	23 23	1 35	7 47	1 50	25 14	1 51	7 39	1 28	14 1	1 9	17 59	0 40	10 25	1 42	4 40	14 8	6 41	6 3	21 23	10 6	0 45
T 20	19 51	21 58	3 9	23 48	1 42	8 13	1 50	25 18	1 55	7 37	1 28	14 0	1 9	17 58	0 40	10 25	1 42	4 41	14 8	6 39	6 2	21 26	10 7	0 45
F 21	20 4	25 15	3 55	24 10	1 48	8 38	1 50	25 22	1 59	7 36	1 27	14 0	1 10	17 58	0 40	10 26	1 42	4 41	14 8	6 37	6 1	21 28	10 8	0 45
S 22	20 16	27 27	4 31	24 30	1 54	9 4	1 50	25 25	2 3	7 34	1 27	13 59	1 10	17 57	0 40	10 27	1 42	4 41	14 8	6 34	6 0	21 31	10 9	0 45
S 23	20 28	28 23	4 56	24 47	1 59	9 30	1 50	25 29	2 7	7 32	1 27	13 59	1 10	17 57	0 40	10 27	1 42	4 42	14 8	6 31	5 58	21 33	10 10	0 44
M24	20 39	27 58	5 7	25 2	2 3	9 55	1 50	25 33	2 10	7 31	1 27	13 59	1 10	17 56	0 40	10 28	1 42	4 42	14 8	6 28	5 57	21 35	10 11	0 44
T 25	20 50	26 12	5 5	25 14	2 7	10 20	1 49	25 37	2 14	7 30	1 27	13 59	1 10	17 56	0 40	10 29	1 42	4 42	14 8	6 25	5 56	21 38	10 12	0 44
W26	21 1	23 7	4 48	25 23	2 9	10 45	1 49	25 42	2 18	7 28	1 26	13 58	1 11	17 55	0 40	10 29	1 42	4 42	14 8	6 23	5 55	21 40	10 13	0 44
T 27	21 12	18 55	4 16	25 31	2 11	11 10	1 48	25 46	2 22	7 27	1 26	13 58	1 11	17 55	0 40	10 30	1 42	4 43	14 8	6 22	5 54	21 42	10 14	0 44
F 28	21 22	13 44	3 31	25 36	2 12	11 35	1 48	25 50	2 26	7 26	1 26	13 58	1 11	17 54	0 40	10 31	1 43	4 43	14 8	6 21	5 52	21 45	10 15	0 44
S 29	21 32	7 47	2 34	25 38	2 13	11 59	1 47	25 54	2 30	7 24	1 26	13 58	1 11	17 53	0 40	10 31	1 43	4 43	14 8	6 21	5 51	21 47	10 16	0 44
S 30	21 41	1 19	1 26	25 39	2 12	12 23	1 46	25 58	2 34	7 23	1 25	13 58	1 11	17 53	0 40	10 32	1 43	4 43	14 8	6 22	5 50	21 50	10 18	0 44
M31	21n50	5n25	0s11	25n38	2n11	12n47	1s45	26s 3	2s38	7s22	1n25	13s58	1s12	17n52	0n40	10n33	1s43	4n44	14s 8	6n22	5n49	21s52	10n19	0n44

Julian Day Number = 2406009.5, Delta T = -1.31 sec
Ecliptic obliquity = 23°27'29, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 22°59'57, Lahiri = 22°06'58

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1875
geocentric

JUNE 1875 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 36 17	10♊ 3'41	28♈42	1♋56	10♉ 0	3°R29	22°R15	26♒ 4	11♌57	1♉57	22♉35	16°R10	14♈41	23♏52	24♈53	T 1
W 2	16 40 13	11° 1'10	13♉35	3°21	11°12	3♋19	22♎12	26° 4	11°59	1°59	22°36	16♈ 7	14°38	23°58	24°56	W 2
T 3	16 44 10	11°58'39	28°42	4°44	12°24	3° 8	22° 9	26° 5	12° 1	2° 1	22°38	16° 3	14°35	24° 5	24°59	T 3
F 4	16 48 6	12°56'06	13♊55	6° 3	13°35	2°56	22° 6	26° 5	12° 3	2° 2	22°39	15°56	14°31	24°12	25° 1	F 4
S 5	16 52 3	13°53'33	29° 2	7°19	14°47	2°44	22° 3	26° 5	12° 6	2° 4	22°40	15°47	14°28	24°18	25° 4	S 5
S 6	16 55 59	14°50'58	13♋53	8°32	15°59	2°31	22° 1	26°R 5	12° 8	2° 6	22°41	15°38	14°25	24°25	25° 7	S 6
M 7	16 59 56	15°48'23	28°22	9°41	17°11	2°18	21°59	26° 5	12°10	2° 8	22°43	15°30	14°22	24°32	25° 9	M 7
T 8	17 3 53	16°45'46	12♌22	10°48	18°23	2° 4	21°57	26° 5	12°13	2° 9	22°44	15°24	14°19	24°38	25°12	T 8
W 9	17 7 49	17°43'08	25°54	11°50	19°36	1°49	21°55	26° 5	12°15	2°11	22°45	15°20	14°15	24°45	25°15	W 9
T 10	17 11 46	18°40'30	8♍57	12°50	20°48	1°34	21°53	26° 5	12°18	2°13	22°46	15°18	14°12	24°52	25°17	T 10
F 11	17 15 42	19°37'50	21°35	13°45	22° 0	1°18	21°51	26° 4	12°20	2°15	22°48	15°D17	14° 9	24°58	25°20	F 11
S 12	17 19 39	20°35'09	3♎54	14°38	23°12	1° 2	21°50	26° 4	12°23	2°16	22°49	15°18	14° 6	25° 5	25°22	S 12
S 13	17 23 35	21°32'27	15°58	15°26	24°24	0°45	21°49	26° 3	12°26	2°18	22°50	15°R18	14° 3	25°12	25°24	S 13
M14	17 27 32	22°29'44	27°52	16°10	25°36	0°28	21°48	26° 2	12°28	2°19	22°51	15°17	14° 0	25°18	25°27	M14
T 15	17 31 28	23°27'01	9♏42	16°51	26°48	0°11	21°47	26° 2	12°31	2°21	22°53	15°14	13°56	25°25	25°29	T 15
W16	17 35 25	24°24'17	21°30	17°27	28° 1	29♐53	21°46	26° 1	12°34	2°23	22°54	15° 9	13°53	25°32	25°31	W16
T 17	17 39 22	25°21'32	3♐20	18° 0	29°13	29°36	21°46	26° 0	12°36	2°24	22°55	15° 1	13°50	25°39	25°34	T 17
F 18	17 43 18	26°18'47	15°16	18°28	0♊25	29°17	21°46	25°59	12°39	2°26	22°56	14°51	13°47	25°45	25°36	F 18
S 19	17 47 15	27°16'01	27°18	18°52	1°37	28°59	21°D46	25°57	12°42	2°27	22°57	14°39	13°44	25°52	25°38	S 19
S 20	17 51 11	28°13'14	9♑28	19°11	2°50	28°40	21°46	25°56	12°45	2°29	22°58	14°27	13°41	25°59	25°40	S 20
M21	17 55 8	29°10'27	21°47	19°26	4° 2	28°22	21°46	25°55	12°48	2°30	23° 0	14°14	13°37	26° 5	25°42	M21
T 22	17 59 4	0♋ 7'40	4♒16	19°36	5°15	28° 3	21°46	25°53	12°51	2°31	23° 1	14° 3	13°34	26°12	25°44	T 22
W23	18 3 1	1° 4'53	16°55	19°42	6°27	27°44	21°47	25°52	12°54	2°33	23° 2	13°54	13°31	26°19	25°46	W23
T 24	18 6 58	2° 2'05	29°47	19°R43	7°39	27°25	21°48	25°50	12°57	2°34	23° 3	13°48	13°28	26°25	25°48	T 24
F 25	18 10 54	2°59'18	12♓52	19°40	8°52	27° 6	21°49	25°48	13° 0	2°36	23° 4	13°45	13°25	26°32	25°50	F 25
S 26	18 14 51	3°56'30	26°13	19°32	10° 4	26°48	21°50	25°46	13° 3	2°37	23° 5	13°44	13°21	26°39	25°52	S 26
S 27	18 18 47	4°53'43	9♈53	19°20	11°17	26°29	21°51	25°45	13° 6	2°38	23° 6	13°44	13°18	26°45	25°54	S 27
M28	18 22 44	5°50'55	23°51	19° 3	12°29	26°11	21°53	25°43	13° 9	2°39	23° 7	13°44	13°15	26°52	25°56	M28
T 29	18 26 40	6°48'08	8♉10	18°43	13°42	25°53	21°55	25°40	13°12	2°41	23° 8	13°42	13°12	26°59	25°57	T 29
W30	18 30 37	7♋45'21	22♉46	18♋19	14♊55	25♐35	21♎56	25♒38	13♌15	2♉42	23♉ 9	13♈38	13♈ 9	27♏ 5	25♈59	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21n59	12n 4	1n 7	25n35	2n 8	13n10	1s44	26s 7	2s42	7s21	1n25	13s58	1s12	17n52	0n40	10n33	1s43	4n44	14s 8	6n22	5n47	21s54	10n20	0n44
W 2	22 7	18 11	2 22	25 30	2 6	13 34	1 43	26 11	2 46	7 20	1 25	13 58	1 12	17 51	0 40	10 34	1 43	4 44	14 8	6 21	5 46	21 57	10 21	0 44
T 3	22 15	23 15	3 27	25 24	2 2	13 57	1 42	26 16	2 51	7 19	1 24	13 58	1 12	17 50	0 40	10 34	1 43	4 44	14 8	6 19	5 45	21 59	10 22	0 44
F 4	22 22	26 46	4 19	25 16	1 57	14 19	1 41	26 20	2 55	7 19	1 24	13 58	1 12	17 50	0 40	10 35	1 43	4 45	14 8	6 16	5 44	22 1	10 22	0 44
S 5	22 29	28 19	4 52	25 7	1 52	14 42	1 40	26 24	2 59	7 18	1 24	13 58	1 13	17 49	0 40	10 36	1 43	4 45	14 9	6 13	5 42	22 4	10 23	0 44
S 6	22 36	27 47	5 5	24 57	1 46	15 4	1 39	26 29	3 3	7 17	1 24	13 58	1 13	17 48	0 40	10 36	1 43	4 45	14 9	6 10	5 41	22 6	10 24	0 44
M 7	22 42	25 21	4 57	24 45	1 39	15 25	1 37	26 33	3 7	7 17	1 23	13 58	1 13	17 48	0 40	10 37	1 43	4 45	14 9	6 7	5 40	22 8	10 25	0 44
T 8	22 48	21 27	4 32	24 32	1 32	15 47	1 36	26 37	3 11	7 16	1 23	13 59	1 13	17 47	0 40	10 37	1 43	4 46	14 9	6 4	5 39	22 11	10 26	0 44
W 9	22 53	16 32	3 52	24 19	1 23	16 8	1 35	26 42	3 15	7 16	1 23	13 59	1 13	17 46	0 40	10 38	1 43	4 46	14 9	6 2	5 38	22 13	10 27	0 44
T 10	22 58	11 1	3 1	24 4	1 14	16 28	1 33	26 46	3 19	7 15	1 23	13 59	1 13	17 45	0 39	10 38	1 43	4 46	14 9	6 2	5 36	22 15	10 28	0 44
F 11	23 3	5 13	2 3	23 49	1 5	16 48	1 32	26 50	3 23	7 15	1 22	14 0	1 14	17 45	0 39	10 39	1 43	4 46	14 9	6 1	5 35	22 18	10 29	0 44
S 12	23 7	0s38	1 0	23 33	0 54	17 8	1 30	26 54	3 27	7 15	1 22	14 0	1 14	17 44	0 39	10 39	1 43	4 46	14 9	6 2	5 34	22 20	10 30	0 44
S 13	23 11	6 21	0s 4	23 17	0 43	17 27	1 28	26 58	3 31	7 15	1 22	14 0	1 14	17 43	0 39	10 40	1 43	4 47	14 9	6 2	5 33	22 22	10 31	0 44
M14	23 15	11 46	1 7	23 0	0 31	17 46	1 27	27 2	3 34	7 14	1 21	14 1	1 14	17 42	0 39	10 40	1 43	4 47	14 9	6 1	5 31	22 24	10 31	0 44
T 15	23 18	16 43	2 6	22 42	0 19	18 5	1 25	27 6	3 38	7 14	1 21	14 1	1 14	17 42	0 39	10 41	1 43	4 47	14 10	6 0	5 30	22 27	10 32	0 43
W16	23 20	21 3	3 0	22 25	0 6	18 23	1 23	27 9	3 42	7 14	1 21	14 2	1 15	17 41	0 39	10 41	1 43	4 47	14 10	5 58	5 29	22 29	10 33	0 43
T 17	23 23	24 32	3 46	22 7	0s 8	18 41	1 21	27 13	3 45	7 14	1 21	14 2	1 15	17 40	0 39	10 42	1 43	4 47	14 10	5 55	5 28	22 31	10 34	0 43
F 18	23 24	26 59	4 22	21 49	0 22	18 58	1 19	27 16	3 49	7 15	1 20	14 3	1 15	17 39	0 39	10 42	1 43	4 47	14 10	5 51	5 26	22 33	10 35	0 43
S 19	23 26	28 13	4 47	21 32	0 37	19 14	1 17	27 20	3 52	7 15	1 20	14 3	1 15	17 38	0 39	10 43	1 43	4 48	14 10	5 47	5 25	22 36	10 35	0 43
S 20	23 27	28 6	5 0	21 14	0 52	19 31	1 15	27 23	3 56	7 15	1 20	14 4	1 15	17 37	0 39	10 43	1 43	4 48	14 10	5 42	5 24	22 38	10 36	0 43
M21	23 27	26 36	4 58	20 57	1 7	19 46	1 13	27 26	3 59	7 16	1 20	14 5	1 16	17 37	0 39	10 44	1 44	4 48	14 10	5 37	5 23	22 40	10 37	0 43
T 22	23 27	23 47	4 43	20 40	1 23	20 2	1 11	27 29	4 2	7 16	1 19	14 5	1 16	17 36	0 39	10 44	1 44	4 48	14 10	5 33	5 22	22 42	10 37	0 43
W23	23 27	19 48	4 13	20 23	1 39	20 16	1 9	27 32	4 5	7 16	1 19	14 6	1 16	17 35	0 39	10 45	1 44	4 48	14 11	5 29	5 20	22 45	10 38	0 43
T 24	23 27	14 50	3 30	20 7	1 55	20 30	1 7	27 34	4 8	7 17	1 19	14 7	1 16	17 34	0 39	10 45	1 44	4 48	14 11	5 27	5 19	22 47	10 39	0 43
F 25	23 25	9 8	2 36	19 51	2 11	20 44	1 5	27 37	4 11	7 18	1 18	14 7	1 16	17 33	0 39	10 45	1 44	4 48	14 11	5 26	5 18	22 49	10 40	0 43
S 26	23 24	2 54	1 31	19 36	2 27	20 57	1 2	27 39	4 14	7 18	1 18	14 8	1 17	17 32	0 39	10 46	1 44	4 48	14 11	5 25	5 17	22 51	10 40	0 43
S 27	23 22	3n36	0 20	19 22	2 43	21 9	1 0	27 41	4 17	7 19	1 18	14 9	1 17	17 31	0 39	10 46	1 44	4 48	14 11	5 25	5 15	22 54	10 41	0 43
M28	23 20	10 5	0n53	19 9	2 59	21 21	0 58	27 43	4 19	7 20	1 18	14 10	1 17	17 30	0 39	10 47	1 44	4 48	14 11	5 25	5 14	22 56	10 41	0 43
T 29	23 17	16 13	2 5	18 57	3 14	21 33	0 55	27 45	4 22	7 21	1 17	14 11	1 17	17 30	0 39	10 47	1 44	4 49	14 12	5 25	5 13	22 58	10 42	0 43
W30	23n14	21n33	3n11	18n46	3s28	21n43	0s53	27s47	4s24	7s22	1n17	14s12	1s17	17n29	0n39	10n47	1s44	4n49	14s12	5n23	5n12	23s 0	10n43	0n43

Julian Day Number = 2406040.5, Delta T = -1.34 sec
Ecliptic obliquity = 23°27'28, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°00'02, Lahiri = 22°07'02

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ASTRODIENST EPHEMERIS for the year 1875
geocentric

JULY 1875 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 34 33	8♋42'34	7♊36	17°R51	16♊ 7	25°R17	21♎58	25°R36	13♌19	2♉43	23♉10	13°R32	13♈ 6	27♏12	26♈ 0	T 1
F 2	18 38 30	9°39'47	22°34	17♋20	17°20	25♐ 0	22° 1	25♒34	13°22	2°44	23°11	13♈23	13° 2	27°19	26° 2	F 2
S 3	18 42 27	10°37'00	7♋29	16°47	18°33	24°43	22° 3	25°31	13°25	2°45	23°12	13°12	12°59	27°25	26° 4	S 3
S 4	18 46 23	11°34'14	22°13	16°12	19°45	24°27	22° 6	25°29	13°28	2°46	23°13	13° 1	12°56	27°32	26° 5	S 4
M 5	18 50 20	12°31'27	6♌39	15°36	20°58	24°11	22° 8	25°26	13°32	2°47	23°14	12°51	12°53	27°39	26° 6	M 5
T 6	18 54 16	13°28'40	20°39	14°58	22°11	23°56	22°11	25°23	13°35	2°48	23°15	12°42	12°50	27°46	26° 8	T 6
W 7	18 58 13	14°25'53	4♍12	14°21	23°24	23°41	22°14	25°21	13°38	2°49	23°16	12°36	12°47	27°52	26° 9	W 7
T 8	19 2 9	15°23'06	17°18	13°43	24°37	23°27	22°18	25°18	13°42	2°50	23°17	12°32	12°43	27°59	26°10	T 8
F 9	19 6 6	16°20'18	29°59	13° 7	25°49	23°14	22°21	25°15	13°45	2°51	23°18	12°30	12°40	28° 6	26°12	F 9
S 10	19 10 2	17°17'31	12♎19	12°33	27° 2	23° 1	22°25	25°12	13°49	2°52	23°19	12°30	12°37	28°12	26°13	S 10
S 11	19 13 59	18°14'43	24°24	12° 0	28°15	22°49	22°28	25° 9	13°52	2°53	23°19	12°30	12°34	28°19	26°14	S 11
M12	19 17 56	19°11'56	6♏19	11°31	29°28	22°38	22°32	25° 6	13°55	2°54	23°20	12°29	12°31	28°26	26°15	M12
T 13	19 21 52	20° 9'09	18° 8	11° 5	0♋41	22°27	22°36	25° 2	13°59	2°55	23°21	12°26	12°27	28°32	26°16	T 13
W14	19 25 49	21° 6'21	29°58	10°44	1°54	22°17	22°40	24°59	14° 2	2°55	23°22	12°21	12°24	28°39	26°17	W14
T 15	19 29 45	22° 3'34	11♐52	10°26	3° 7	22° 8	22°45	24°56	14° 6	2°56	23°23	12°13	12°21	28°46	26°18	T 15
F 16	19 33 42	23° 0'48	23°53	10°13	4°20	22° 0	22°49	24°52	14° 9	2°57	23°23	12° 3	12°18	28°52	26°19	F 16
S 17	19 37 38	23°58'01	6♑ 4	10° 5	5°33	21°52	22°54	24°49	14°13	2°58	23°24	11°51	12°15	28°59	26°19	S 17
S 18	19 41 35	24°55'15	18°26	10°D 3	6°46	21°46	22°59	24°45	14°17	2°58	23°25	11°39	12°12	29° 6	26°20	S 18
M19	19 45 31	25°52'29	1♒ 0	10° 6	7°59	21°40	23° 4	24°42	14°20	2°59	23°26	11°26	12° 8	29°12	26°21	M19
T 20	19 49 28	26°49'44	13°46	10°14	9°13	21°35	23° 9	24°38	14°24	2°59	23°26	11°15	12° 5	29°19	26°21	T 20
W21	19 53 25	27°46'59	26°43	10°29	10°26	21°31	23°14	24°34	14°27	3° 0	23°27	11° 6	12° 2	29°26	26°22	W21
T 22	19 57 21	28°44'15	9♓52	10°49	11°39	21°27	23°20	24°31	14°31	3° 0	23°28	11° 0	11°59	29°32	26°22	T 22
F 23	20 1 18	29°41'32	23°12	11°15	12°52	21°25	23°25	24°27	14°34	3° 1	23°28	10°57	11°56	29°39	26°23	F 23
S 24	20 5 14	0♌38'49	6♈43	11°47	14° 5	21°23	23°31	24°23	14°38	3° 1	23°29	10°D56	11°53	29°46	26°23	S 24
S 25	20 9 11	1°36'08	20°27	12°24	15°19	21°22	23°37	24°19	14°42	3° 2	23°30	10°56	11°49	29°53	26°24	S 25
M26	20 13 7	2°33'27	4♉23	13° 8	16°32	21°D22	23°43	24°15	14°45	3° 2	23°30	10°R56	11°46	29°59	26°24	M26
T 27	20 17 4	3°30'48	18°32	13°57	17°45	21°23	23°49	24°11	14°49	3° 3	23°31	10°55	11°43	0♐ 6	26°24	T 27
W28	20 21 0	4°28'10	2♊52	14°52	18°59	21°24	23°56	24° 7	14°53	3° 3	23°31	10°52	11°40	0°13	26°24	W28
T 29	20 24 57	5°25'33	17°22	15°53	20°12	21°27	24° 2	24° 3	14°56	3° 3	23°32	10°47	11°37	0°19	26°24	T 29
F 30	20 28 54	6°22'57	1♋56	16°59	21°26	21°30	24° 9	23°58	15° 0	3° 3	23°32	10°40	11°33	0°26	26°25	F 30
S 31	20 32 50	7♌20'22	16♋28	18♋10	22♋39	21♐34	24♎15	23♒54	15♌ 4	3♉ 4	23♉33	10♈31	11♈30	0♐33	26°R25	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n10	25n36	4n 4	18n36	3s42	21n54	0s51	27s48	4s26	7s23	1n17	14s13	1s17	17n28	0n39	10n48	1s44	4n49	14s12	5n21	5n10	23s 2	10n43	0n43
F 2	23 6	27 55	4 41	18 27	3 55	22 3	0 48	27 50	4 28	7 24	1 17	14 14	1 18	17 27	0 39	10 48	1 44	4 49	14 12	5 17	5 9	23 4	10 44	0 43
S 3	23 2	28 13	4 59	18 19	4 7	22 12	0 46	27 51	4 30	7 25	1 16	14 15	1 18	17 26	0 39	10 48	1 44	4 49	14 12	5 13	5 8	23 7	10 44	0 43
S 4	22 57	26 30	4 57	18 12	4 18	22 21	0 43	27 52	4 32	7 26	1 16	14 16	1 18	17 25	0 39	10 49	1 44	4 49	14 12	5 9	5 7	23 9	10 45	0 43
M 5	22 52	23 4	4 35	18 7	4 27	22 28	0 41	27 53	4 34	7 27	1 16	14 17	1 18	17 24	0 39	10 49	1 44	4 49	14 13	5 5	5 5	23 11	10 45	0 43
T 6	22 46	18 22	3 58	18 3	4 35	22 35	0 38	27 54	4 35	7 29	1 15	14 18	1 18	17 23	0 39	10 49	1 44	4 49	14 13	5 1	5 4	23 13	10 46	0 43
W 7	22 41	12 53	3 8	18 1	4 42	22 42	0 36	27 55	4 37	7 30	1 15	14 19	1 18	17 22	0 39	10 50	1 44	4 49	14 13	4 59	5 3	23 15	10 46	0 43
T 8	22 34	7 0	2 9	17 59	4 47	22 48	0 33	27 56	4 38	7 32	1 15	14 20	1 19	17 21	0 39	10 50	1 44	4 49	14 13	4 57	5 2	23 17	10 46	0 43
F 9	22 27	1 1	1 6	18 0	4 50	22 53	0 31	27 56	4 39	7 33	1 15	14 21	1 19	17 20	0 39	10 50	1 44	4 49	14 13	4 57	5 1	23 20	10 47	0 43
S 10	22 20	4s51	0 1	18 1	4 52	22 57	0 28	27 57	4 40	7 35	1 14	14 22	1 19	17 19	0 39	10 50	1 45	4 49	14 14	4 56	4 59	23 22	10 47	0 43
S 11	22 13	10 26	1s 3	18 4	4 52	23 1	0 26	27 57	4 41	7 36	1 14	14 24	1 19	17 18	0 39	10 51	1 45	4 49	14 14	4 56	4 58	23 24	10 48	0 42
M12	22 5	15 34	2 2	18 8	4 51	23 4	0 23	27 57	4 42	7 38	1 14	14 25	1 19	17 17	0 39	10 51	1 45	4 49	14 14	4 56	4 57	23 26	10 48	0 42
T 13	21 57	20 4	2 57	18 13	4 48	23 7	0 21	27 57	4 43	7 40	1 14	14 26	1 19	17 16	0 39	10 51	1 45	4 49	14 14	4 55	4 56	23 28	10 48	0 42
W14	21 48	23 47	3 43	18 19	4 43	23 9	0 18	27 57	4 44	7 41	1 13	14 27	1 20	17 15	0 39	10 51	1 45	4 49	14 14	4 53	4 54	23 30	10 49	0 42
T 15	21 39	26 31	4 20	18 27	4 37	23 10	0 15	27 57	4 44	7 43	1 13	14 29	1 20	17 14	0 39	10 51	1 45	4 49	14 15	4 50	4 53	23 32	10 49	0 42
F 16	21 30	28 5	4 46	18 35	4 30	23 10	0 13	27 57	4 45	7 45	1 13	14 30	1 20	17 13	0 39	10 52	1 45	4 49	14 15	4 46	4 52	23 34	10 49	0 42
S 17	21 20	28 18	4 59	18 44	4 21	23 10	0 10	27 57	4 45	7 47	1 13	14 31	1 20	17 12	0 39	10 52	1 45	4 49	14 15	4 41	4 51	23 36	10 49	0 42
S 18	21 10	27 7	4 58	18 54	4 11	23 9	0 8	27 57	4 45	7 49	1 12	14 32	1 20	17 11	0 39	10 52	1 45	4 49	14 15	4 36	4 49	23 38	10 50	0 42
M19	20 59	24 33	4 44	19 4	4 1	23 8	0 5	27 57	4 45	7 51	1 12	14 34	1 20	17 10	0 39	10 52	1 45	4 49	14 16	4 32	4 48	23 41	10 50	0 42
T 20	20 48	20 46	4 14	19 15	3 49	23 6	0 3	27 56	4 45	7 54	1 12	14 35	1 21	17 9	0 39	10 52	1 45	4 49	14 16	4 27	4 47	23 43	10 50	0 42
W21	20 37	15 56	3 31	19 27	3 37	23 3	0 0	27 56	4 45	7 56	1 12	14 37	1 21	17 8	0 39	10 52	1 45	4 49	14 16	4 24	4 46	23 45	10 50	0 42
T 22	20 26	10 18	2 37	19 38	3 24	22 59	0n 3	27 56	4 45	7 58	1 11	14 38	1 21	17 7	0 39	10 52	1 45	4 48	14 16	4 21	4 44	23 47	10 50	0 42
F 23	20 14	4 7	1 33	19 50	3 10	22 55	0 5	27 55	4 45	8 0	1 11	14 39	1 21	17 6	0 39	10 53	1 45	4 48	14 17	4 20	4 43	23 49	10 50	0 42
S 24	20 2	2n20	0 22	20 1	2 56	22 50	0 8	27 55	4 45	8 3	1 11	14 41	1 21	17 4	0 39	10 53	1 45	4 48	14 17	4 20	4 42	23 51	10 51	0 42
S 25	19 49	8 46	0n50	20 12	2 41	22 45	0 10	27 54	4 44	8 5	1 11	14 42	1 21	17 3	0 39	10 53	1 45	4 48	14 17	4 20	4 41	23 53	10 51	0 42
M26	19 36	14 54	2 1	20 23	2 26	22 38	0 13	27 54	4 44	8 7	1 10	14 44	1 21	17 2	0 39	10 53	1 46	4 48	14 17	4 20	4 39	23 55	10 51	0 42
T 27	19 23	20 20	3 6	20 33	2 11	22 32	0 15	27 53	4 43	8 10	1 10	14 45	1 22	17 1	0 39	10 53	1 46	4 48	14 18	4 20	4 38	23 57	10 51	0 42
W28	19 10	24 40	4 0	20 42	1 56	22 24	0 17	27 53	4 43	8 12	1 10	14 47	1 22	17 0	0 39	10 53	1 46	4 48	14 18	4 18	4 37	23 59	10 51	0 42
T 29	18 56	27 29	4 39	20 51	1 41	22 16	0 20	27 52	4 42	8 15	1 10	14 48	1 22	16 59	0 39	10 53	1 46	4 48	14 18	4 16	4 36	24 1	10 51	0 42
F 30	18 42	28 26	5 0	20 58	1 26	22 7	0 22	27 52	4 41	8 18	1 9	14 50	1 22	16 58	0 39	10 53	1 46	4 48	14 18	4 13	4 34	24 3	10 51	0 42
S 31	18n27	27n26	5n 2	21n 3	1s11	21n57	0n25	27s51	4s41	8s20	1n 9	14s51	1s22	16n57	0n39	10n53	1s46	4n48	14s19	4n10	4n33	24s 5	10n51	0n42

Julian Day Number = 2406070.5, Delta T = -1.38 sec
Ecliptic obliquity = 23°27'28, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°00'06, Lahiri = 22°07'06

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ASTRODIENST EPHEMERIS for the year 1875
geocentric

AUGUST 1875 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 36 47	8♌17'47	0♌52	19♋27	23♋53	21♐39	24♎22	23°R50	15♌ 8	3♉ 4	23♉33	10°R21	11♈27	0♐39	26°R25	S 1
M 2	20 40 43	9°15'14	15° 1	20°48	25° 6	21°45	24°29	23♒46	15°11	3° 4	23°34	10♈12	11°24	0°46	26♈24	M 2
T 3	20 44 40	10°12'42	28°50	22°15	26°20	21°51	24°36	23°41	15°15	3° 4	23°34	10° 4	11°21	0°53	26°24	T 3
W 4	20 48 36	11°10'10	12♍16	23°46	27°34	21°58	24°44	23°37	15°19	3° 4	23°35	9°58	11°18	0°59	26°24	W 4
T 5	20 52 33	12° 7'40	25°18	25°21	28°47	22° 7	24°51	23°33	15°22	3° 4	23°35	9°55	11°14	1° 6	26°24	T 5
F 6	20 56 30	13° 5'10	7♎59	27° 1	0♌ 1	22°15	24°59	23°28	15°26	3°R 4	23°36	9°D54	11°11	1°13	26°24	F 6
S 7	21 0 26	14° 2'41	20°20	28°45	1°15	22°25	25° 6	23°24	15°30	3° 4	23°36	9°55	11° 8	1°20	26°23	S 7
S 8	21 4 23	15° 0'12	2♏26	0♌32	2°28	22°36	25°14	23°20	15°34	3° 4	23°36	9°56	11° 5	1°26	26°23	S 8
M 9	21 8 19	15°57'45	14°22	2°22	3°42	22°47	25°22	23°15	15°37	3° 4	23°37	9°R56	11° 2	1°33	26°22	M 9
T 10	21 12 16	16°55'19	26°13	4°15	4°56	22°59	25°30	23°11	15°41	3° 4	23°37	9°56	10°59	1°40	26°22	T 10
W11	21 16 12	17°52'53	8♐ 5	6°10	6°10	23°11	25°38	23° 6	15°45	3° 4	23°37	9°53	10°55	1°46	26°21	W11
T 12	21 20 9	18°50'29	20° 2	8° 7	7°24	23°25	25°46	23° 2	15°48	3° 4	23°37	9°49	10°52	1°53	26°21	T 12
F 13	21 24 5	19°48'05	2♑ 8	10° 6	8°37	23°39	25°55	22°57	15°52	3° 4	23°38	9°43	10°49	2° 0	26°20	F 13
S 14	21 28 2	20°45'43	14°26	12° 6	9°51	23°54	26° 3	22°53	15°56	3° 3	23°38	9°35	10°46	2° 6	26°19	S 14
S 15	21 31 59	21°43'21	26°58	14° 7	11° 5	24° 9	26°12	22°48	16° 0	3° 3	23°38	9°27	10°43	2°13	26°18	S 15
M16	21 35 55	22°41'01	9♒47	16° 8	12°19	24°25	26°20	22°44	16° 3	3° 3	23°38	9°19	10°39	2°20	26°17	M16
T 17	21 39 52	23°38'42	22°51	18°10	13°33	24°42	26°29	22°39	16° 7	3° 3	23°38	9°11	10°36	2°26	26°17	T 17
W18	21 43 48	24°36'24	6♓ 9	20°11	14°47	24°59	26°38	22°35	16°11	3° 2	23°39	9° 6	10°33	2°33	26°16	W18
T 19	21 47 45	25°34'08	19°41	22°13	16° 1	25°17	26°47	22°30	16°14	3° 2	23°39	9° 2	10°30	2°40	26°15	T 19
F 20	21 51 41	26°31'53	3♈24	24°14	17°15	25°36	26°56	22°26	16°18	3° 1	23°39	9°D 0	10°27	2°47	26°14	F 20
S 21	21 55 38	27°29'40	17°15	26°14	18°29	25°55	27° 6	22°21	16°22	3° 1	23°39	9° 1	10°24	2°53	26°12	S 21
S 22	21 59 34	28°27'28	1♉14	28°13	19°43	26°15	27°15	22°17	16°26	3° 0	23°39	9° 2	10°20	3° 0	26°11	S 22
M23	22 3 31	29°25'18	15°19	0♍12	20°58	26°35	27°24	22°12	16°29	3° 0	23°39	9° 3	10°17	3° 7	26°10	M23
T 24	22 7 27	0♍23'10	29°29	2° 9	22°12	26°56	27°34	22° 8	16°33	2°59	23°R39	9°R 4	10°14	3°13	26° 9	T 24
W25	22 11 24	1°21'04	13♊41	4° 6	23°26	27°17	27°43	22° 3	16°36	2°59	23°39	9° 3	10°11	3°20	26° 8	W25
T 26	22 15 21	2°19'00	27°54	6° 1	24°40	27°39	27°53	21°59	16°40	2°58	23°39	9° 1	10° 8	3°27	26° 6	T 26
F 27	22 19 17	3°16'58	12♋ 5	7°55	25°54	28° 2	28° 3	21°55	16°44	2°58	23°39	8°57	10° 4	3°33	26° 5	F 27
S 28	22 23 14	4°14'57	26°10	9°48	27° 9	28°25	28°13	21°50	16°47	2°57	23°39	8°52	10° 1	3°40	26° 3	S 28
S 29	22 27 10	5°12'58	10♌ 7	11°40	28°23	28°48	28°23	21°46	16°51	2°56	23°39	8°47	9°58	3°47	26° 2	S 29
M30	22 31 7	6°11'01	23°50	13°30	29°37	29°13	28°33	21°42	16°55	2°55	23°39	8°42	9°55	3°54	26° 0	M30
T 31	22 35 3	7♍ 9'06	7♍19	15♍19	0♍52	29♐37	28♎43	21♒37	16♌58	2♉55	23♉38	8♈38	9♈52	4♐ 0	25♈59	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n12	24n36	4n44	21n 8	0s56	21n47	0n27	27s51	4s40	8s23	1n 9	14s53	1s22	16n56	0n39	10n53	1s46	4n47	14s19	4n 6	4n32	24s 7	10n51	0n42
M 2	17 57	20 19	4 10	21 10	0 41	21 37	0 29	27 50	4 39	8 26	1 9	14 54	1 22	16 55	0 39	10 53	1 46	4 47	14 19	4 2	4 31	24 9	10 51	0 42
T 3	17 42	15 2	3 21	21 10	0 27	21 25	0 32	27 50	4 38	8 29	1 9	14 56	1 22	16 54	0 39	10 53	1 46	4 47	14 19	3 59	4 29	24 11	10 51	0 42
W 4	17 26	9 9	2 22	21 9	0 14	21 13	0 34	27 49	4 37	8 32	1 8	14 57	1 23	16 53	0 39	10 53	1 46	4 47	14 20	3 57	4 28	24 13	10 50	0 42
T 5	17 10	3 3	1 17	21 5	0 0	21 0	0 36	27 49	4 36	8 34	1 8	14 59	1 23	16 51	0 39	10 53	1 46	4 47	14 20	3 56	4 27	24 15	10 50	0 42
F 6	16 54	3s 0	0 10	20 58	0n12	20 47	0 38	27 48	4 35	8 37	1 8	15 0	1 23	16 50	0 39	10 53	1 46	4 47	14 20	3 56	4 26	24 17	10 50	0 41
S 7	16 38	8 48	0s56	20 49	0 24	20 33	0 40	27 47	4 33	8 40	1 8	15 2	1 23	16 49	0 39	10 53	1 46	4 46	14 20	3 56	4 25	24 19	10 50	0 41
S 8	16 21	14 10	1 58	20 38	0 35	20 19	0 43	27 47	4 32	8 43	1 7	15 4	1 23	16 48	0 39	10 53	1 46	4 46	14 21	3 56	4 23	24 21	10 50	0 41
M 9	16 4	18 56	2 54	20 24	0 46	20 4	0 45	27 46	4 31	8 47	1 7	15 5	1 23	16 47	0 39	10 53	1 46	4 46	14 21	3 56	4 22	24 23	10 50	0 41
T 10	15 47	22 56	3 43	20 7	0 56	19 48	0 47	27 46	4 30	8 50	1 7	15 7	1 23	16 46	0 39	10 53	1 46	4 46	14 21	3 56	4 21	24 25	10 49	0 41
W11	15 29	25 58	4 21	19 47	1 4	19 32	0 49	27 45	4 28	8 53	1 7	15 8	1 23	16 45	0 39	10 53	1 46	4 46	14 21	3 55	4 20	24 27	10 49	0 41
T 12	15 11	27 53	4 49	19 25	1 12	19 15	0 51	27 44	4 27	8 56	1 7	15 10	1 23	16 44	0 39	10 52	1 47	4 45	14 22	3 54	4 18	24 28	10 49	0 41
F 13	14 53	28 31	5 4	19 0	1 19	18 58	0 53	27 44	4 26	8 59	1 6	15 11	1 23	16 43	0 39	10 52	1 47	4 45	14 22	3 51	4 17	24 30	10 49	0 41
S 14	14 35	27 45	5 6	18 33	1 26	18 40	0 54	27 43	4 24	9 2	1 6	15 13	1 23	16 42	0 39	10 52	1 47	4 45	14 22	3 48	4 16	24 32	10 48	0 41
S 15	14 17	25 34	4 53	18 4	1 31	18 22	0 56	27 42	4 23	9 6	1 6	15 14	1 24	16 40	0 39	10 52	1 47	4 45	14 23	3 45	4 15	24 34	10 48	0 41
M16	13 58	22 4	4 25	17 32	1 36	18 3	0 58	27 42	4 21	9 9	1 6	15 16	1 24	16 39	0 39	10 52	1 47	4 45	14 23	3 42	4 13	24 36	10 48	0 41
T 17	13 39	17 25	3 43	16 58	1 39	17 43	1 0	27 41	4 20	9 12	1 6	15 18	1 24	16 38	0 39	10 52	1 47	4 44	14 23	3 39	4 12	24 38	10 47	0 41
W18	13 20	11 52	2 48	16 23	1 42	17 23	1 1	27 40	4 19	9 16	1 5	15 19	1 24	16 37	0 39	10 52	1 47	4 44	14 23	3 36	4 11	24 40	10 47	0 41
T 19	13 0	5 40	1 43	15 45	1 44	17 3	1 3	27 39	4 17	9 19	1 5	15 21	1 24	16 36	0 39	10 51	1 47	4 44	14 24	3 35	4 10	24 42	10 46	0 41
F 20	12 41	0n53	0 30	15 7	1 45	16 42	1 5	27 38	4 15	9 23	1 5	15 22	1 24	16 35	0 39	10 51	1 47	4 44	14 24	3 34	4 8	24 44	10 46	0 41
S 21	12 21	7 28	0n45	14 27	1 46	16 21	1 6	27 37	4 14	9 26	1 5	15 24	1 24	16 34	0 39	10 51	1 47	4 43	14 24	3 34	4 7	24 46	10 46	0 41
S 22	12 1	13 45	1 58	13 45	1 46	15 59	1 8	27 36	4 12	9 30	1 5	15 25	1 24	16 33	0 39	10 51	1 47	4 43	14 24	3 35	4 6	24 47	10 45	0 41
M23	11 41	19 23	3 4	13 3	1 45	15 37	1 9	27 35	4 11	9 33	1 4	15 27	1 24	16 32	0 39	10 51	1 47	4 43	14 25	3 35	4 5	24 49	10 45	0 41
T 24	11 21	23 57	4 0	12 20	1 44	15 14	1 10	27 34	4 9	9 37	1 4	15 28	1 24	16 31	0 39	10 50	1 47	4 43	14 25	3 36	4 3	24 51	10 44	0 41
W25	11 0	27 7	4 41	11 35	1 42	14 51	1 12	27 33	4 7	9 41	1 4	15 30	1 24	16 29	0 39	10 50	1 47	4 42	14 25	3 35	4 2	24 53	10 44	0 41
T 26	10 39	28 32	5 5	10 51	1 39	14 27	1 13	27 32	4 6	9 44	1 4	15 31	1 24	16 28	0 39	10 50	1 47	4 42	14 25	3 35	4 1	24 55	10 43	0 41
F 27	10 19	28 4	5 10	10 5	1 36	14 3	1 14	27 31	4 4	9 48	1 4	15 33	1 24	16 27	0 39	10 49	1 47	4 42	14 26	3 33	4 0	24 57	10 43	0 41
S 28	9 58	25 47	4 57	9 20	1 33	13 39	1 15	27 29	4 2	9 52	1 3	15 34	1 24	16 26	0 39	10 49	1 47	4 42	14 26	3 31	3 58	24 58	10 42	0 41
S 29	9 36	21 59	4 26	8 34	1 29	13 14	1 16	27 28	4 1	9 55	1 3	15 36	1 24	16 25	0 39	10 49	1 48	4 41	14 26	3 29	3 57	25 0	10 41	0 40
M30	9 15	17 3	3 40	7 47	1 24	12 49	1 17	27 26	3 59	9 59	1 3	15 37	1 24	16 24	0 39	10 49	1 48	4 41	14 27	3 27	3 56	25 2	10 41	0 40
T 31	8n54	11n21	2n43	7n 1	1n20	12n24	1n18	27s25	3s57	10s 3	1n 3	15s38	1s24	16n23	0n39	10n48	1s48	4n41	14s27	3n25	3n55	25s 4	10n40	0n40

Julian Day Number = 2406101.5, Delta T = -1.42 sec
Ecliptic obliquity = 23°27'28, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°00'10, Lahiri = 22°07'11

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ASTRODIENST EPHEMERIS for the year 1875
geocentric

SEPTEMBER 1875 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 39 0	8♍ 7'12	20♍29	17♍ 7	2♍ 6	0♏ 2	28♎54	21°R33	17♌ 2	2°R54	23°R38	8°R35	9♈49	4♐ 7	25°R57	W 1
T 2	22 42 56	9° 5'20	3♎21	18°54	3°21	0°28	29° 4	21♒29	17° 5	2♉53	23♉38	8°D34	9°45	4°14	25♈55	T 2
F 3	22 46 53	10° 3'29	15°55	20°39	4°35	0°54	29°15	21°25	17° 9	2°52	23°38	8♈34	9°42	4°20	25°54	F 3
S 4	22 50 50	11° 1'40	28°13	22°23	5°49	1°20	29°25	21°20	17°12	2°51	23°38	8°35	9°39	4°27	25°52	S 4
S 5	22 54 46	11°59'52	10♏19	24° 6	7° 4	1°47	29°36	21°16	17°16	2°50	23°37	8°37	9°36	4°34	25°50	S 5
M 6	22 58 43	12°58'06	22°15	25°48	8°18	2°14	29°46	21°12	17°19	2°50	23°37	8°38	9°33	4°40	25°48	M 6
T 7	23 2 39	13°56'22	4♐ 7	27°29	9°33	2°42	29°57	21° 8	17°23	2°49	23°37	8°40	9°30	4°47	25°46	T 7
W 8	23 6 36	14°54'39	15°59	29° 8	10°47	3°10	0♑ 8	21° 4	17°26	2°48	23°37	8°R40	9°26	4°54	25°44	W 8
T 9	23 10 32	15°52'58	27°56	0♎47	12° 2	3°39	0°19	21° 1	17°29	2°47	23°36	8°39	9°23	5° 0	25°42	T 9
F 10	23 14 29	16°51'18	10♏ 3	2°24	13°16	4° 8	0°30	20°57	17°33	2°46	23°36	8°38	9°20	5° 7	25°40	F 10
S 11	23 18 25	17°49'40	22°24	4° 0	14°31	4°37	0°41	20°53	17°36	2°45	23°36	8°35	9°17	5°14	25°38	S 11
S 12	23 22 22	18°48'04	5♒ 2	5°35	15°46	5° 7	0°52	20°49	17°39	2°43	23°35	8°33	9°14	5°21	25°36	S 12
M13	23 26 19	19°46'29	17°59	7° 9	17° 0	5°37	1° 4	20°46	17°43	2°42	23°35	8°30	9°10	5°27	25°34	M13
T 14	23 30 15	20°44'56	1♓17	8°42	18°15	6° 7	1°15	20°42	17°46	2°41	23°34	8°27	9° 7	5°34	25°32	T 14
W15	23 34 12	21°43'24	14°54	10°13	19°30	6°38	1°26	20°38	17°49	2°40	23°34	8°25	9° 4	5°41	25°29	W15
T 16	23 38 8	22°41'54	28°49	11°44	20°44	7° 9	1°38	20°35	17°53	2°39	23°33	8°24	9° 1	5°47	25°27	T 16
F 17	23 42 5	23°40'27	12♈59	13°14	21°59	7°41	1°49	20°32	17°56	2°38	23°33	8°D24	8°58	5°54	25°25	F 17
S 18	23 46 1	24°39'01	27°17	14°42	23°14	8°12	2° 1	20°28	17°59	2°36	23°32	8°25	8°55	6° 1	25°23	S 18
S 19	23 49 58	25°37'38	11♉42	16°10	24°28	8°44	2°13	20°25	18° 2	2°35	23°32	8°26	8°51	6° 7	25°20	S 19
M20	23 53 54	26°36'17	26° 6	17°36	25°43	9°17	2°24	20°22	18° 5	2°34	23°31	8°27	8°48	6°14	25°18	M20
T 21	23 57 51	27°34'58	10♊28	19° 1	26°58	9°49	2°36	20°19	18° 8	2°33	23°31	8°27	8°45	6°21	25°15	T 21
W22	0 1 48	28°33'41	24°43	20°25	28°12	10°22	2°48	20°16	18°11	2°31	23°30	8°R28	8°42	6°28	25°13	W22
T 23	0 5 44	29°32'27	8♋49	21°48	29°27	10°56	3° 0	20°13	18°14	2°30	23°30	8°28	8°39	6°34	25°10	T 23
F 24	0 9 41	0♎31'15	22°44	23°10	0♎42	11°29	3°12	20°10	18°17	2°29	23°29	8°27	8°36	6°41	25° 8	F 24
S 25	0 13 37	1°30'05	6♌28	24°30	1°57	12° 3	3°24	20° 7	18°20	2°27	23°29	8°26	8°32	6°48	25° 5	S 25
S 26	0 17 34	2°28'57	19°58	25°49	3°12	12°37	3°36	20° 4	18°23	2°26	23°28	8°26	8°29	6°54	25° 3	S 26
M27	0 21 30	3°27'52	3♍16	27° 7	4°27	13°11	3°48	20° 1	18°26	2°24	23°27	8°25	8°26	7° 1	25° 0	M27
T 28	0 25 27	4°26'49	16°19	28°24	5°41	13°46	4° 0	19°59	18°29	2°23	23°27	8°25	8°23	7° 8	24°58	T 28
W29	0 29 23	5°25'48	29° 9	29°39	6°56	14°21	4°12	19°56	18°32	2°22	23°26	8°24	8°20	7°14	24°55	W29
T 30	0 33 20	6♎24'48	11♎45	0♏52	8♎11	14♏56	4♏25	19♒54	18♌35	2♉20	23♉25	8°D24	8♈16	7♐21	24♈52	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n32	5n16	1n37	6n14	1n15	11n58	1n19	27s23	3s56	10s 7	1n 3	15s40	1s25	16n22	0n39	10n48	1s48	4n40	14s27	3n24	3n53	25s 6	10n39	0n40
T 2	8 10	0s54	0 29	5 27	1 9	11 32	1 20	27 21	3 54	10 11	1 3	15 41	1 25	16 21	0 39	10 48	1 48	4 40	14 27	3 24	3 52	25 7	10 39	0 40
F 3	7 48	6 53	0s40	4 41	1 4	11 5	1 21	27 20	3 52	10 14	1 2	15 43	1 25	16 20	0 39	10 47	1 48	4 40	14 28	3 24	3 51	25 9	10 38	0 40
S 4	7 26	12 30	1 46	3 54	0 58	10 39	1 21	27 18	3 50	10 18	1 2	15 44	1 25	16 19	0 39	10 47	1 48	4 40	14 28	3 24	3 50	25 11	10 37	0 40
S 5	7 4	17 33	2 46	3 8	0 51	10 12	1 22	27 15	3 49	10 22	1 2	15 45	1 25	16 18	0 39	10 47	1 48	4 39	14 28	3 25	3 48	25 13	10 37	0 40
M 6	6 42	21 51	3 37	2 21	0 45	9 44	1 23	27 13	3 47	10 26	1 2	15 47	1 25	16 17	0 39	10 46	1 48	4 39	14 28	3 26	3 47	25 14	10 36	0 40
T 7	6 19	25 14	4 19	1 35	0 38	9 17	1 23	27 11	3 45	10 30	1 2	15 48	1 25	16 16	0 39	10 46	1 48	4 39	14 29	3 26	3 46	25 16	10 35	0 40
W 8	5 57	27 32	4 50	0 50	0 32	8 49	1 24	27 9	3 43	10 34	1 2	15 49	1 25	16 15	0 39	10 46	1 48	4 38	14 29	3 26	3 45	25 18	10 34	0 40
T 9	5 34	28 36	5 9	0 4	0 25	8 21	1 24	27 6	3 42	10 38	1 1	15 51	1 25	16 14	0 39	10 45	1 48	4 38	14 29	3 26	3 43	25 20	10 34	0 40
F 10	5 12	28 18	5 15	0s41	0 18	7 53	1 24	27 3	3 40	10 42	1 1	15 52	1 25	16 13	0 39	10 45	1 48	4 38	14 29	3 25	3 42	25 21	10 33	0 40
S 11	4 49	26 37	5 6	1 26	0 10	7 24	1 25	27 1	3 38	10 46	1 1	15 53	1 25	16 12	0 39	10 44	1 48	4 37	14 30	3 25	3 41	25 23	10 32	0 40
S 12	4 26	23 35	4 42	2 10	0 3	6 55	1 25	26 58	3 36	10 50	1 1	15 54	1 25	16 11	0 39	10 44	1 48	4 37	14 30	3 23	3 40	25 25	10 31	0 40
M13	4 3	19 18	4 3	2 54	0s 4	6 26	1 25	26 55	3 35	10 54	1 1	15 55	1 25	16 10	0 39	10 43	1 48	4 37	14 30	3 22	3 38	25 27	10 30	0 40
T 14	3 40	14 0	3 11	3 38	0 12	5 57	1 25	26 52	3 33	10 58	1 1	15 56	1 25	16 9	0 39	10 43	1 48	4 36	14 30	3 21	3 37	25 28	10 30	0 40
W15	3 17	7 53	2 6	4 21	0 20	5 28	1 25	26 48	3 31	11 2	1 1	15 58	1 25	16 8	0 39	10 43	1 48	4 36	14 31	3 21	3 36	25 30	10 29	0 40
T 16	2 54	1 16	0 53	5 4	0 27	4 59	1 25	26 45	3 29	11 6	1 0	15 59	1 25	16 7	0 39	10 42	1 48	4 36	14 31	3 20	3 35	25 32	10 28	0 40
F 17	2 31	5n31	0n25	5 46	0 35	4 29	1 25	26 41	3 27	11 10	1 0	16 0	1 25	16 6	0 39	10 42	1 48	4 35	14 31	3 20	3 33	25 33	10 27	0 39
S 18	2 8	12 7	1 43	6 27	0 43	3 59	1 25	26 37	3 26	11 15	1 0	16 1	1 25	16 5	0 40	10 41	1 48	4 35	14 31	3 20	3 32	25 35	10 26	0 39
S 19	1 44	18 7	2 54	7 8	0 50	3 29	1 24	26 34	3 24	11 19	1 0	16 2	1 25	16 4	0 40	10 41	1 49	4 35	14 32	3 21	3 31	25 37	10 25	0 39
M20	1 21	23 5	3 54	7 48	0 58	2 59	1 24	26 29	3 22	11 23	1 0	16 3	1 25	16 3	0 40	10 40	1 49	4 34	14 32	3 21	3 30	25 38	10 24	0 39
T 21	0 58	26 39	4 40	8 28	1 6	2 29	1 24	26 25	3 20	11 27	1 0	16 4	1 25	16 2	0 40	10 40	1 49	4 34	14 32	3 21	3 28	25 40	10 23	0 39
W22	0 34	28 28	5 8	9 7	1 13	1 59	1 23	26 21	3 18	11 31	1 0	16 5	1 25	16 1	0 40	10 39	1 49	4 34	14 32	3 22	3 27	25 42	10 22	0 39
T 23	0 11	28 26	5 17	9 45	1 21	1 29	1 23	26 16	3 17	11 35	0 59	16 6	1 25	16 0	0 40	10 39	1 49	4 33	14 32	3 21	3 26	25 43	10 21	0 39
F 24	0s12	26 35	5 7	10 23	1 29	0 59	1 22	26 12	3 15	11 39	0 59	16 7	1 25	15 59	0 40	10 38	1 49	4 33	14 33	3 21	3 25	25 45	10 20	0 39
S 25	0 36	23 11	4 40	11 0	1 36	0 28	1 21	26 7	3 13	11 44	0 59	16 8	1 25	15 58	0 40	10 38	1 49	4 33	14 33	3 21	3 23	25 47	10 19	0 39
S 26	0 59	18 35	3 57	11 36	1 44	0s 2	1 21	26 2	3 11	11 48	0 59	16 8	1 24	15 57	0 40	10 37	1 49	4 32	14 33	3 21	3 22	25 48	10 18	0 39
M27	1 23	13 9	3 3	12 11	1 51	0 33	1 20	25 57	3 9	11 52	0 59	16 9	1 24	15 57	0 40	10 37	1 49	4 32	14 33	3 20	3 21	25 50	10 17	0 39
T 28	1 46	7 14	1 59	12 45	1 58	1 3	1 19	25 51	3 8	11 56	0 59	16 10	1 24	15 56	0 40	10 36	1 49	4 32	14 34	3 20	3 20	25 51	10 16	0 39
W29	2 10	1 7	0 51	13 18	2 5	1 34	1 18	25 46	3 6	12 1	0 59	16 11	1 24	15 55	0 40	10 36	1 49	4 31	14 34	3 20	3 18	25 53	10 15	0 39
T 30	2s33	4s56	0s19	13s51	2s12	2s 4	1n17	25s40	3s 4	12s 5	0n59	16s11	1s24	15n54	0n40	10n35	1s49	4n31	14s34	3n20	3n17	25s55	10n14	0n39

Julian Day Number = 2406132.5, Delta T = -1.46 sec
Ecliptic obliquity = 23°27'29, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°00'14, Lahiri = 22°07'15

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ASTRODIENST EPHEMERIS for the year 1875
geocentric

OCTOBER 1875 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 37 17	7♎23'51	24♎ 8	2♏ 4	9♎26	15♑31	4♏37	19°R52	18♌37	2°R19	23°R24	8♈24	8♈13	7♐28	24°R50	F 1
S 2	0 41 13	8°22'56	6♏19	3°14	10°41	16° 7	4°49	19♒49	18°40	2♉17	23♉24	8°R24	8°10	7°35	24♈47	S 2
S 3	0 45 10	9°22'03	18°21	4°23	11°56	16°43	5° 2	19°47	18°43	2°16	23°23	8°24	8° 7	7°41	24°44	S 3
M 4	0 49 6	10°21'12	0♐16	5°29	13°11	17°19	5°14	19°45	18°46	2°14	23°22	8°24	8° 4	7°48	24°41	M 4
T 5	0 53 3	11°20'23	12° 7	6°33	14°26	17°55	5°27	19°43	18°48	2°12	23°21	8°24	8° 1	7°55	24°39	T 5
W 6	0 56 59	12°19'35	23°58	7°35	15°41	18°32	5°39	19°41	18°51	2°11	23°21	8°24	7°57	8° 1	24°36	W 6
T 7	1 0 56	13°18'49	5♑54	8°34	16°56	19° 9	5°52	19°40	18°53	2° 9	23°20	8°23	7°54	8° 8	24°33	T 7
F 8	1 4 52	14°18'05	17°59	9°31	18°11	19°46	6° 4	19°38	18°56	2° 8	23°19	8°D23	7°51	8°15	24°30	F 8
S 9	1 8 49	15°17'23	0♒17	10°24	19°26	20°23	6°17	19°36	18°58	2° 6	23°18	8°24	7°48	8°22	24°27	S 9
S 10	1 12 46	16°16'43	12°53	11°15	20°41	21° 0	6°30	19°35	19° 1	2° 5	23°17	8°24	7°45	8°28	24°25	S 10
M11	1 16 42	17°16'04	25°50	12° 1	21°56	21°38	6°42	19°34	19° 3	2° 3	23°16	8°25	7°42	8°35	24°22	M11
T 12	1 20 39	18°15'28	9♓12	12°44	23°10	22°15	6°55	19°32	19° 5	2° 1	23°15	8°26	7°38	8°42	24°19	T 12
W13	1 24 35	19°14'53	22°59	13°22	24°25	22°53	7° 8	19°31	19° 8	2° 0	23°15	8°26	7°35	8°48	24°16	W13
T 14	1 28 32	20°14'19	7♈ 9	13°55	25°40	23°31	7°21	19°30	19°10	1°58	23°14	8°R27	7°32	8°55	24°13	T 14
F 15	1 32 28	21°13'48	21°40	14°24	26°55	24°10	7°34	19°29	19°12	1°56	23°13	8°27	7°29	9° 2	24°10	F 15
S 16	1 36 25	22°13'19	6♉25	14°46	28°10	24°48	7°46	19°28	19°14	1°55	23°12	8°26	7°26	9° 8	24° 8	S 16
S 17	1 40 21	23°12'52	21°17	15° 2	29°25	25°27	7°59	19°27	19°16	1°53	23°11	8°24	7°22	9°15	24° 5	S 17
M18	1 44 18	24°12'28	6♊ 8	15°12	0♏40	26° 5	8°12	19°27	19°18	1°51	23°10	8°22	7°19	9°22	24° 2	M18
T 19	1 48 15	25°12'05	20°51	15°R14	1°55	26°44	8°25	19°26	19°20	1°50	23° 9	8°20	7°16	9°29	23°59	T 19
W20	1 52 11	26°11'45	5♋20	15° 8	3°11	27°23	8°38	19°25	19°22	1°48	23° 8	8°18	7°13	9°35	23°56	W20
T 21	1 56 8	27°11'27	19°32	14°54	4°26	28° 3	8°51	19°25	19°24	1°46	23° 7	8°17	7°10	9°42	23°53	T 21
F 22	2 0 4	28°11'12	3♌23	14°31	5°41	28°42	9° 4	19°25	19°26	1°45	23° 6	8°D17	7° 7	9°49	23°50	F 22
S 23	2 4 1	29°10'59	16°55	14° 0	6°56	29°21	9°17	19°25	19°28	1°43	23° 5	8°18	7° 3	9°55	23°48	S 23
S 24	2 7 57	0♏10'48	0♍ 8	13°19	8°11	0♒ 1	9°30	19°D24	19°30	1°41	23° 4	8°19	7° 0	10° 2	23°45	S 24
M25	2 11 54	1°10'39	13° 5	12°29	9°26	0°41	9°43	19°24	19°32	1°40	23° 3	8°21	6°57	10° 9	23°42	M25
T 26	2 15 50	2°10'32	25°47	11°32	10°41	1°21	9°56	19°25	19°33	1°38	23° 2	8°22	6°54	10°16	23°39	T 26
W27	2 19 47	3°10'27	8♎17	10°27	11°56	2° 1	10°10	19°25	19°35	1°36	23° 1	8°R23	6°51	10°22	23°36	W27
T 28	2 23 44	4°10'25	20°36	9°15	13°11	2°41	10°23	19°25	19°37	1°35	23° 0	8°22	6°47	10°29	23°33	T 28
F 29	2 27 40	5°10'24	2♏46	8° 0	14°26	3°21	10°36	19°26	19°38	1°33	22°59	8°20	6°44	10°36	23°31	F 29
S 30	2 31 37	6°10'25	14°48	6°43	15°41	4° 1	10°49	19°26	19°40	1°31	22°58	8°17	6°41	10°42	23°28	S 30
S 31	2 35 33	7♏10'29	26♏45	5♏26	16♏56	4♒42	11♏ 2	19♒27	19♌41	1♉30	22♉57	8♈12	6♈38	10♐49	23♈25	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	2s56	10s42	1s26	14s22	2s19	2s34	1n16	25s34	3s 2	12s 9	0n59	16s12	1s24	15n53	0n40	10n35	1s49	4n30	14s34	3n20	3n16	25s56	10n13	0n39
S 2	3 20	15 59	2 29	14 53	2 25	3 5	1 15	25 28	3 0	12 13	0 58	16 13	1 24	15 52	0 40	10 34	1 49	4 30	14 34	3 20	3 15	25 58	10 12	0 38
S 3	3 43	20 34	3 24	15 22	2 32	3 35	1 14	25 22	2 59	12 17	0 58	16 13	1 24	15 52	0 40	10 34	1 49	4 30	14 34	3 20	3 13	25 59	10 11	0 38
M 4	4 6	24 17	4 10	15 50	2 38	4 5	1 13	25 15	2 57	12 22	0 58	16 14	1 24	15 51	0 40	10 33	1 49	4 29	14 35	3 20	3 12	26 1	10 10	0 38
T 5	4 29	26 58	4 44	16 17	2 43	4 36	1 12	25 9	2 55	12 26	0 58	16 15	1 24	15 50	0 40	10 33	1 49	4 29	14 35	3 20	3 11	26 2	10 9	0 38
W 6	4 53	28 26	5 7	16 43	2 49	5 6	1 10	25 2	2 53	12 30	0 58	16 15	1 24	15 49	0 40	10 32	1 49	4 29	14 35	3 20	3 10	26 4	10 8	0 38
T 7	5 16	28 36	5 17	17 7	2 54	5 36	1 9	24 55	2 51	12 34	0 58	16 16	1 24	15 49	0 40	10 31	1 49	4 28	14 35	3 20	3 8	26 5	10 7	0 38
F 8	5 39	27 25	5 13	17 30	2 59	6 6	1 8	24 48	2 50	12 39	0 58	16 16	1 24	15 48	0 40	10 31	1 49	4 28	14 35	3 20	3 7	26 7	10 6	0 38
S 9	6 2	24 54	4 54	17 51	3 3	6 35	1 6	24 40	2 48	12 43	0 58	16 17	1 24	15 47	0 40	10 30	1 49	4 28	14 36	3 20	3 6	26 9	10 4	0 38
S 10	6 24	21 8	4 21	18 10	3 7	7 5	1 5	24 33	2 46	12 47	0 58	16 17	1 24	15 46	0 40	10 30	1 49	4 27	14 36	3 20	3 5	26 10	10 3	0 38
M11	6 47	16 17	3 35	18 28	3 10	7 34	1 3	24 25	2 44	12 52	0 58	16 17	1 24	15 46	0 40	10 29	1 49	4 27	14 36	3 20	3 3	26 12	10 2	0 38
T 12	7 10	10 31	2 35	18 44	3 13	8 4	1 1	24 17	2 42	12 56	0 57	16 18	1 24	15 45	0 40	10 29	1 49	4 27	14 36	3 21	3 2	26 13	10 1	0 38
W13	7 32	4 5	1 25	18 57	3 15	8 33	1 0	24 9	2 41	13 0	0 57	16 18	1 24	15 44	0 40	10 28	1 49	4 26	14 36	3 21	3 1	26 15	10 0	0 38
T 14	7 55	2n44	0 7	19 8	3 16	9 2	0 58	24 1	2 39	13 4	0 57	16 18	1 24	15 44	0 40	10 27	1 49	4 26	14 36	3 21	2 59	26 16	9 59	0 38
F 15	8 17	9 34	1n12	19 17	3 16	9 31	0 56	23 52	2 37	13 9	0 57	16 19	1 24	15 43	0 40	10 27	1 49	4 25	14 36	3 21	2 58	26 18	9 58	0 37
S 16	8 40	16 0	2 29	19 24	3 16	9 59	0 55	23 44	2 35	13 13	0 57	16 19	1 24	15 42	0 40	10 26	1 49	4 25	14 37	3 21	2 57	26 19	9 57	0 37
S 17	9 2	21 33	3 35	19 27	3 14	10 27	0 53	23 35	2 34	13 17	0 57	16 19	1 23	15 42	0 40	10 26	1 49	4 25	14 37	3 20	2 56	26 20	9 55	0 37
M18	9 24	25 44	4 27	19 27	3 11	10 55	0 51	23 26	2 32	13 21	0 57	16 19	1 23	15 41	0 40	10 25	1 49	4 24	14 37	3 19	2 54	26 22	9 54	0 37
T 19	9 46	28 9	5 1	19 24	3 7	11 23	0 49	23 17	2 30	13 25	0 57	16 19	1 23	15 40	0 41	10 25	1 49	4 24	14 37	3 18	2 53	26 23	9 53	0 37
W20	10 7	28 36	5 15	19 17	3 2	11 51	0 47	23 7	2 28	13 30	0 57	16 19	1 23	15 40	0 41	10 24	1 49	4 24	14 37	3 18	2 52	26 25	9 52	0 37
T 21	10 29	27 8	5 9	19 7	2 55	12 18	0 45	22 58	2 27	13 34	0 57	16 20	1 23	15 39	0 41	10 23	1 49	4 23	14 37	3 17	2 51	26 26	9 51	0 37
F 22	10 50	24 3	4 46	18 52	2 47	12 45	0 43	22 48	2 25	13 38	0 57	16 20	1 23	15 39	0 41	10 23	1 49	4 23	14 37	3 17	2 49	26 28	9 50	0 37
S 23	11 12	19 42	4 7	18 33	2 37	13 12	0 41	22 38	2 23	13 42	0 57	16 20	1 23	15 38	0 41	10 22	1 49	4 23	14 37	3 18	2 48	26 29	9 49	0 37
S 24	11 33	14 29	3 15	18 9	2 25	13 38	0 39	22 28	2 21	13 47	0 56	16 20	1 23	15 38	0 41	10 22	1 49	4 22	14 37	3 18	2 47	26 31	9 48	0 37
M25	11 54	8 44	2 15	17 41	2 12	14 4	0 37	22 18	2 20	13 51	0 56	16 19	1 23	15 37	0 41	10 21	1 49	4 22	14 38	3 19	2 46	26 32	9 46	0 37
T 26	12 14	2 44	1 9	17 9	1 56	14 30	0 34	22 7	2 18	13 55	0 56	16 19	1 23	15 37	0 41	10 21	1 49	4 22	14 38	3 19	2 44	26 33	9 45	0 37
W27	12 35	3s17	0 1	16 32	1 39	14 55	0 32	21 56	2 16	13 59	0 56	16 19	1 23	15 36	0 41	10 20	1 49	4 21	14 38	3 20	2 43	26 35	9 44	0 36
T 28	12 55	9 5	1s 7	15 52	1 21	15 20	0 30	21 45	2 14	14 3	0 56	16 19	1 23	15 36	0 41	10 19	1 49	4 21	14 38	3 19	2 42	26 36	9 43	0 36
F 29	13 15	14 28	2 10	15 9	1 2	15 45	0 28	21 34	2 13	14 7	0 56	16 19	1 23	15 35	0 41	10 19	1 49	4 21	14 38	3 19	2 41	26 38	9 42	0 36
S 30	13 35	19 16	3 6	14 25	0 41	16 9	0 25	21 23	2 11	14 12	0 56	16 19	1 23	15 35	0 41	10 18	1 49	4 21	14 38	3 17	2 39	26 39	9 41	0 36
S 31	13s55	23s14	3s54	13s40	0s21	16s32	0n23	21s12	2s 9	14s16	0n56	16s18	1s23	15n34	0n41	10n18	1s49	4n20	14s38	3n15	2n38	26s40	9n40	0n36

Julian Day Number = 2406162.5, Delta T = -1.49 sec
Ecliptic obliquity = 23°27'29, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°00'18, Lahiri = 22°07'19

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1875
geocentric

NOVEMBER 1875 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 39 30	8♏10'34	8♐38	4°R11	18♏11	5♒22	11♏15	19♒27	19♌42	1°R28	22°R55	8°R 7	6♈35	10♐56	23°R22	M 1
T 2	2 43 26	9°10'41	20°28	3♏ 2	19°26	6° 3	11°28	19°28	19°44	1♉26	22♉54	8♈ 1	6°32	11° 2	23♈20	T 2
W 3	2 47 23	10°10'49	2♑19	1°59	20°41	6°44	11°42	19°29	19°45	1°25	22°53	7°56	6°28	11° 9	23°17	W 3
T 4	2 51 19	11°10'59	14°14	1° 6	21°57	7°25	11°55	19°30	19°46	1°23	22°52	7°51	6°25	11°16	23°14	T 4
F 5	2 55 16	12°11'11	26°16	0°23	23°12	8° 6	12° 8	19°31	19°47	1°21	22°51	7°48	6°22	11°23	23°11	F 5
S 6	2 59 13	13°11'25	8♒30	29♎51	24°27	8°47	12°21	19°33	19°49	1°20	22°50	7°D47	6°19	11°29	23° 9	S 6
S 7	3 3 9	14°11'39	21° 0	29°30	25°42	9°28	12°34	19°34	19°50	1°18	22°49	7°47	6°16	11°36	23° 6	S 7
M 8	3 7 6	15°11'55	3♓51	29°D22	26°57	10°10	12°48	19°36	19°51	1°16	22°48	7°48	6°13	11°43	23° 4	M 8
T 9	3 11 2	16°12'13	17° 7	29°24	28°12	10°51	13° 1	19°37	19°52	1°15	22°47	7°50	6° 9	11°49	23° 1	T 9
W10	3 14 59	17°12'32	0♈50	29°38	29°27	11°33	13°14	19°39	19°53	1°13	22°46	7°R51	6° 6	11°56	22°58	W10
T 11	3 18 55	18°12'52	15° 1	0♏ 1	0♐42	12°14	13°27	19°40	19°53	1°12	22°44	7°51	6° 3	12° 3	22°56	T 11
F 12	3 22 52	19°13'15	29°39	0°34	1°57	12°56	13°40	19°42	19°54	1°10	22°43	7°49	6° 0	12°10	22°53	F 12
S 13	3 26 48	20°13'38	14♉38	1°15	3°12	13°38	13°53	19°44	19°55	1° 8	22°42	7°45	5°57	12°16	22°51	S 13
S 14	3 30 45	21°14'03	29°50	2° 3	4°27	14°20	14° 7	19°46	19°56	1° 7	22°41	7°40	5°53	12°23	22°48	S 14
M15	3 34 42	22°14'30	15♊ 4	2°58	5°42	15° 1	14°20	19°49	19°56	1° 5	22°40	7°33	5°50	12°30	22°46	M15
T 16	3 38 38	23°14'59	0♋11	3°59	6°57	15°43	14°33	19°51	19°57	1° 4	22°39	7°26	5°47	12°36	22°44	T 16
W17	3 42 35	24°15'30	15° 1	5° 4	8°13	16°25	14°46	19°53	19°57	1° 2	22°38	7°19	5°44	12°43	22°41	W17
T 18	3 46 31	25°16'02	29°26	6°14	9°28	17° 7	14°59	19°56	19°58	1° 1	22°37	7°15	5°41	12°50	22°39	T 18
F 19	3 50 28	26°16'36	13♌26	7°28	10°43	17°50	15°12	19°58	19°58	0°59	22°35	7°12	5°38	12°57	22°37	F 19
S 20	3 54 24	27°17'12	26°58	8°45	11°58	18°32	15°25	20° 1	19°59	0°58	22°34	7°D11	5°34	13° 3	22°34	S 20
S 21	3 58 21	28°17'49	10♍ 6	10° 4	13°13	19°14	15°38	20° 4	19°59	0°56	22°33	7°12	5°31	13°10	22°32	S 21
M22	4 2 17	29°18'29	22°52	11°26	14°28	19°56	15°51	20° 6	19°59	0°55	22°32	7°13	5°28	13°17	22°30	M22
T 23	4 6 14	0♐19'09	5♎21	12°50	15°43	20°39	16° 4	20° 9	19°59	0°53	22°31	7°R13	5°25	13°23	22°28	T 23
W24	4 10 11	1°19'52	17°37	14°15	16°58	21°21	16°17	20°12	19°59	0°52	22°30	7°13	5°22	13°30	22°26	W24
T 25	4 14 7	2°20'36	29°43	15°42	18°13	22° 4	16°30	20°15	19°59	0°51	22°29	7°10	5°19	13°37	22°24	T 25
F 26	4 18 4	3°21'22	11♏42	17°10	19°28	22°46	16°43	20°19	19°R59	0°49	22°28	7° 5	5°15	13°44	22°22	F 26
S 27	4 22 0	4°22'08	23°37	18°39	20°43	23°29	16°56	20°22	19°59	0°48	22°27	6°57	5°12	13°50	22°20	S 27
S 28	4 25 57	5°22'57	5♐30	20° 8	21°58	24°11	17° 9	20°25	19°59	0°47	22°25	6°46	5° 9	13°57	22°18	S 28
M29	4 29 53	6°23'46	17°21	21°39	23°13	24°54	17°22	20°29	19°59	0°45	22°24	6°34	5° 6	14° 4	22°16	M29
T 30	4 33 50	7♐24'37	29♐13	23♏ 9	24♐29	25♒37	17♏35	20♒32	19♌59	0♉44	22♉23	6♈22	5♈ 3	14♐10	22♈14	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s15	26s14	4s32	12s55	0n 0	16s56	0n21	21s 0	2s 8	14s20	0n56	16s18	1s22	15n34	0n41	10n17	1s49	4n20	14s38	3n13	2n37	26s42	9n39	0n36
T 2	14 34	28 3	4 57	12 13	0 20	17 19	0 18	20 48	2 6	14 24	0 56	16 18	1 22	15 34	0 41	10 16	1 49	4 20	14 38	3 11	2 36	26 43	9 37	0 36
W 3	14 53	28 36	5 10	11 33	0 39	17 41	0 16	20 36	2 4	14 28	0 56	16 17	1 22	15 33	0 41	10 16	1 49	4 19	14 38	3 9	2 34	26 44	9 36	0 36
T 4	15 12	27 50	5 10	10 58	0 57	18 3	0 14	20 24	2 3	14 32	0 56	16 17	1 22	15 33	0 41	10 15	1 49	4 19	14 38	3 7	2 33	26 46	9 35	0 36
F 5	15 30	25 45	4 56	10 28	1 14	18 24	0 11	20 12	2 1	14 36	0 56	16 17	1 22	15 33	0 41	10 15	1 49	4 19	14 38	3 6	2 32	26 47	9 34	0 36
S 6	15 49	22 28	4 28	10 3	1 28	18 45	0 9	20 0	1 59	14 40	0 56	16 16	1 22	15 32	0 41	10 14	1 49	4 18	14 38	3 5	2 31	26 48	9 33	0 36
S 7	16 7	18 6	3 47	9 44	1 41	19 6	0 6	19 47	1 58	14 44	0 56	16 16	1 22	15 32	0 41	10 14	1 49	4 18	14 38	3 5	2 29	26 50	9 32	0 35
M 8	16 24	12 49	2 54	9 31	1 52	19 26	0 4	19 34	1 56	14 48	0 56	16 15	1 22	15 32	0 41	10 13	1 49	4 18	14 38	3 6	2 28	26 51	9 31	0 35
T 9	16 42	6 47	1 50	9 23	2 1	19 45	0 1	19 21	1 54	14 52	0 56	16 14	1 22	15 31	0 41	10 13	1 49	4 18	14 38	3 7	2 27	26 52	9 30	0 35
W10	16 59	0 15	0 38	9 21	2 8	20 4	0s 1	19 8	1 53	14 56	0 56	16 14	1 22	15 31	0 41	10 12	1 49	4 17	14 38	3 7	2 26	26 53	9 29	0 35
T 11	17 16	6n31	0n39	9 24	2 14	20 22	0 4	18 55	1 51	15 0	0 56	16 13	1 22	15 31	0 41	10 12	1 49	4 17	14 38	3 7	2 24	26 55	9 28	0 35
F 12	17 33	13 9	1 55	9 32	2 17	20 40	0 6	18 42	1 49	15 4	0 56	16 13	1 22	15 31	0 42	10 11	1 49	4 17	14 38	3 6	2 23	26 56	9 27	0 35
S 13	17 49	19 12	3 6	9 44	2 20	20 57	0 8	18 28	1 48	15 8	0 55	16 12	1 22	15 31	0 42	10 10	1 49	4 17	14 38	3 5	2 22	26 57	9 26	0 35
S 14	18 5	24 6	4 4	9 59	2 21	21 14	0 11	18 14	1 46	15 12	0 55	16 11	1 22	15 30	0 42	10 10	1 49	4 16	14 38	3 3	2 20	26 59	9 25	0 35
M15	18 21	27 20	4 45	10 18	2 21	21 30	0 13	18 0	1 45	15 16	0 55	16 10	1 21	15 30	0 42	10 9	1 49	4 16	14 38	3 0	2 19	27 0	9 24	0 35
T 16	18 36	28 33	5 5	10 39	2 20	21 45	0 16	17 46	1 43	15 20	0 55	16 10	1 21	15 30	0 42	10 9	1 49	4 16	14 38	2 57	2 18	27 1	9 23	0 35
W17	18 51	27 40	5 5	11 3	2 18	22 0	0 18	17 32	1 41	15 24	0 55	16 9	1 21	15 30	0 42	10 8	1 49	4 16	14 38	2 55	2 17	27 2	9 22	0 34
T 18	19 6	24 56	4 45	11 29	2 15	22 14	0 21	17 18	1 40	15 28	0 55	16 8	1 21	15 30	0 42	10 8	1 49	4 15	14 38	2 53	2 15	27 3	9 21	0 34
F 19	19 20	20 46	4 9	11 56	2 12	22 27	0 23	17 4	1 38	15 32	0 55	16 7	1 21	15 30	0 42	10 7	1 49	4 15	14 38	2 52	2 14	27 5	9 20	0 34
S 20	19 34	15 39	3 19	12 25	2 8	22 40	0 26	16 49	1 37	15 35	0 55	16 6	1 21	15 30	0 42	10 7	1 49	4 15	14 38	2 51	2 13	27 6	9 19	0 34
S 21	19 48	9 58	2 21	12 54	2 3	22 52	0 28	16 34	1 35	15 39	0 55	16 5	1 21	15 30	0 42	10 6	1 49	4 15	14 38	2 51	2 12	27 7	9 18	0 34
M22	20 1	4 0	1 16	13 24	1 58	23 4	0 31	16 19	1 33	15 43	0 55	16 4	1 21	15 30	0 42	10 6	1 49	4 15	14 38	2 52	2 10	27 8	9 17	0 34
T 23	20 14	1s58	0 10	13 55	1 52	23 14	0 33	16 4	1 32	15 47	0 55	16 3	1 21	15 30	0 42	10 5	1 49	4 14	14 38	2 52	2 9	27 10	9 16	0 34
W24	20 27	7 46	0s56	14 26	1 47	23 24	0 35	15 49	1 30	15 50	0 55	16 2	1 21	15 30	0 42	10 5	1 49	4 14	14 38	2 52	2 8	27 11	9 16	0 34
T 25	20 39	13 13	1 58	14 57	1 40	23 34	0 38	15 34	1 29	15 54	0 55	16 1	1 21	15 30	0 42	10 5	1 49	4 14	14 38	2 51	2 7	27 12	9 15	0 34
F 26	20 51	18 7	2 54	15 28	1 34	23 42	0 40	15 19	1 27	15 58	0 55	16 0	1 21	15 30	0 42	10 4	1 49	4 14	14 38	2 49	2 5	27 13	9 14	0 34
S 27	21 2	22 16	3 42	15 59	1 27	23 50	0 42	15 3	1 26	16 1	0 55	15 59	1 21	15 30	0 42	10 4	1 49	4 14	14 38	2 46	2 4	27 14	9 13	0 33
S 28	21 13	25 30	4 20	16 30	1 21	23 58	0 45	14 48	1 24	16 5	0 55	15 58	1 21	15 30	0 42	10 3	1 49	4 13	14 37	2 41	2 3	27 15	9 12	0 33
M29	21 24	27 36	4 46	17 0	1 14	24 4	0 47	14 32	1 23	16 9	0 55	15 57	1 21	15 30	0 42	10 3	1 49	4 13	14 37	2 37	2 2	27 16	9 11	0 33
T 30	21s34	28s28	5s 0	17s30	1n 7	24s10	0s49	14s16	1s21	16s12	0n55	15s56	1s20	15n30	0n42	10n 2	1s49	4n13	14s37	2n32	2n 0	27s18	9n11	0n33

Julian Day Number = 2406193.5, Delta T = -1.53 sec
Ecliptic obliquity = 23°27'29, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°00'23, Lahiri = 22°07'23

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ASTRODIENST EPHEMERIS for the year 1875
geocentric

DECEMBER 1875 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 37 46	8♐25'29	11♑ 7	24♏41	25♐44	26♒20	17♏47	20♒36	19°R59	0°R43	22°R22	6°R10	4♈59	14♐17	22°R12	W 1
T 2	4 41 43	9°26'22	23° 4	26°12	26°59	27° 3	18° 0	20°40	19♌58	0♉41	22♉21	5♈59	4°56	14°24	22♈11	T 2
F 3	4 45 40	10°27'16	5♒ 8	27°44	28°14	27°45	18°13	20°44	19°58	0°40	22°20	5°51	4°53	14°31	22° 9	F 3
S 4	4 49 36	11°28'10	17°21	29°16	29°29	28°28	18°26	20°47	19°58	0°39	22°19	5°46	4°50	14°37	22° 7	S 4
S 5	4 53 33	12°29'06	29°48	0♐49	0♑44	29°11	18°38	20°51	19°57	0°38	22°18	5°43	4°47	14°44	22° 6	S 5
M 6	4 57 29	13°30'02	12♓32	2°21	1°59	29°54	18°51	20°56	19°57	0°37	22°17	5°D42	4°44	14°51	22° 4	M 6
T 7	5 1 26	14°30'58	25°39	3°54	3°14	0♓37	19° 3	21° 0	19°56	0°36	22°16	5°42	4°40	14°57	22° 3	T 7
W 8	5 5 22	15°31'56	9♈10	5°27	4°29	1°20	19°16	21° 4	19°55	0°35	22°15	5°R42	4°37	15° 4	22° 1	W 8
T 9	5 9 19	16°32'54	23°11	6°59	5°44	2° 3	19°28	21° 8	19°55	0°33	22°14	5°41	4°34	15°11	22° 0	T 9
F 10	5 13 15	17°33'52	7♉39	8°32	6°59	2°46	19°41	21°13	19°54	0°32	22°13	5°38	4°31	15°18	21°59	F 10
S 11	5 17 12	18°34'52	22°34	10° 6	8°14	3°30	19°53	21°17	19°53	0°31	22°12	5°32	4°28	15°24	21°57	S 11
S 12	5 21 9	19°35'52	7♊47	11°39	9°29	4°13	20° 6	21°22	19°52	0°30	22°11	5°23	4°25	15°31	21°56	S 12
M13	5 25 5	20°36'53	23° 9	13°12	10°44	4°56	20°18	21°26	19°51	0°30	22°10	5°12	4°21	15°38	21°55	M13
T 14	5 29 2	21°37'54	8♋28	14°45	11°59	5°39	20°30	21°31	19°50	0°29	22° 9	5° 1	4°18	15°44	21°54	T 14
W15	5 32 58	22°38'57	23°33	16°19	13°14	6°22	20°42	21°36	19°49	0°28	22° 8	4°50	4°15	15°51	21°53	W15
T 16	5 36 55	23°40'00	8♌14	17°53	14°29	7° 5	20°54	21°41	19°48	0°27	22° 7	4°42	4°12	15°58	21°52	T 16
F 17	5 40 51	24°41'04	22°27	19°26	15°44	7°49	21° 7	21°46	19°47	0°26	22° 6	4°36	4° 9	16° 5	21°51	F 17
S 18	5 44 48	25°42'09	6♍ 9	21° 0	16°59	8°32	21°19	21°51	19°46	0°25	22° 5	4°32	4° 5	16°11	21°50	S 18
S 19	5 48 45	26°43'14	19°21	22°34	18°14	9°15	21°31	21°56	19°45	0°24	22° 4	4°31	4° 2	16°18	21°49	S 19
M20	5 52 41	27°44'21	2♎ 8	24° 9	19°28	9°58	21°42	22° 1	19°43	0°24	22° 3	4°31	3°59	16°25	21°48	M20
T 21	5 56 38	28°45'28	14°35	25°43	20°43	10°42	21°54	22° 6	19°42	0°23	22° 2	4°31	3°56	16°31	21°47	T 21
W22	6 0 34	29°46'36	26°46	27°18	21°58	11°25	22° 6	22°11	19°41	0°22	22° 2	4°29	3°53	16°38	21°47	W22
T 23	6 4 31	0♑47'44	8♏46	28°52	23°13	12° 8	22°18	22°17	19°39	0°22	22° 1	4°25	3°50	16°45	21°46	T 23
F 24	6 8 27	1°48'53	20°39	0♑28	24°28	12°51	22°29	22°22	19°38	0°21	22° 0	4°18	3°46	16°52	21°46	F 24
S 25	6 12 24	2°50'03	2♐30	2° 3	25°43	13°35	22°41	22°28	19°36	0°20	21°59	4° 8	3°43	16°58	21°45	S 25
S 26	6 16 20	3°51'13	14°20	3°38	26°58	14°18	22°53	22°33	19°35	0°20	21°58	3°56	3°40	17° 5	21°45	S 26
M27	6 20 17	4°52'24	26°13	5°14	28°13	15° 1	23° 4	22°39	19°33	0°19	21°57	3°41	3°37	17°12	21°44	M27
T 28	6 24 14	5°53'35	8♑ 8	6°50	29°27	15°45	23°15	22°45	19°32	0°19	21°57	3°26	3°34	17°19	21°44	T 28
W29	6 28 10	6°54'46	20° 8	8°27	0♒42	16°28	23°27	22°50	19°30	0°18	21°56	3°11	3°31	17°25	21°44	W29
T 30	6 32 7	7°55'57	2♒14	10° 4	1°57	17°11	23°38	22°56	19°28	0°18	21°55	2°57	3°27	17°32	21°43	T 30
F 31	6 36 3	8♑57'08	14♒26	11♑41	3♒12	17♓55	23♏49	23♒ 2	19♌26	0♉18	21♉54	2♈47	3♈24	17♐39	21♈43	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s44	28s 0	5s 2	17s59	1n 0	24s15	0s52	14s 0	1s20	16s16	0n55	15s54	1s20	15n30	0n42	10n 2	1s49	4n13	14s37	2n27	1n59	27s19	9n10	0n33
T 2	21 53	26 14	4 50	18 28	0 53	24 19	0 54	13 44	1 18	16 19	0 55	15 53	1 20	15 30	0 42	10 2	1 49	4 13	14 37	2 23	1 58	27 20	9 9	0 33
F 3	22 2	23 16	4 25	18 56	0 45	24 23	0 56	13 28	1 17	16 23	0 55	15 52	1 20	15 30	0 42	10 1	1 49	4 13	14 37	2 20	1 57	27 21	9 8	0 33
S 4	22 11	19 15	3 47	19 23	0 38	24 25	0 58	13 12	1 15	16 26	0 55	15 50	1 20	15 31	0 42	10 1	1 48	4 13	14 37	2 17	1 55	27 22	9 8	0 33
S 5	22 19	14 20	2 58	19 50	0 31	24 27	1 0	12 55	1 14	16 30	0 55	15 49	1 20	15 31	0 42	10 1	1 48	4 12	14 37	2 16	1 54	27 23	9 7	0 33
M 6	22 26	8 42	2 0	20 15	0 24	24 29	1 2	12 39	1 12	16 33	0 55	15 48	1 20	15 31	0 43	10 0	1 48	4 12	14 36	2 16	1 53	27 24	9 6	0 33
T 7	22 34	2 33	0 53	20 40	0 17	24 29	1 4	12 22	1 11	16 37	0 55	15 46	1 20	15 31	0 43	10 0	1 48	4 12	14 36	2 16	1 52	27 25	9 6	0 32
W 8	22 40	3n55	0n18	21 4	0 10	24 29	1 6	12 5	1 10	16 40	0 55	15 45	1 20	15 31	0 43	9 59	1 48	4 12	14 36	2 16	1 50	27 26	9 5	0 32
T 9	22 47	10 26	1 31	21 27	0 3	24 28	1 8	11 49	1 8	16 44	0 55	15 44	1 20	15 32	0 43	9 59	1 48	4 12	14 36	2 16	1 49	27 27	9 4	0 32
F 10	22 53	16 36	2 41	21 49	0s 4	24 26	1 10	11 32	1 7	16 47	0 55	15 42	1 20	15 32	0 43	9 59	1 48	4 12	14 36	2 14	1 48	27 29	9 4	0 32
S 11	22 58	21 59	3 41	22 10	0 11	24 24	1 12	11 15	1 5	16 50	0 55	15 41	1 20	15 32	0 43	9 59	1 48	4 12	14 36	2 12	1 46	27 30	9 3	0 32
S 12	23 3	26 1	4 27	22 30	0 18	24 21	1 14	10 58	1 4	16 54	0 55	15 39	1 20	15 33	0 43	9 58	1 48	4 12	14 36	2 8	1 45	27 31	9 3	0 32
M13	23 8	28 11	4 54	22 48	0 25	24 17	1 15	10 41	1 3	16 57	0 55	15 37	1 20	15 33	0 43	9 58	1 48	4 12	14 35	2 4	1 44	27 32	9 2	0 32
T 14	23 12	28 11	5 0	23 6	0 31	24 12	1 17	10 24	1 1	17 0	0 55	15 36	1 20	15 33	0 43	9 58	1 48	4 12	14 35	2 0	1 43	27 33	9 2	0 32
W15	23 15	26 5	4 45	23 23	0 38	24 6	1 19	10 6	1 0	17 3	0 55	15 34	1 20	15 34	0 43	9 57	1 48	4 12	14 35	1 55	1 41	27 34	9 1	0 32
T 16	23 18	22 16	4 11	23 38	0 44	24 0	1 20	9 49	0 58	17 6	0 55	15 33	1 20	15 34	0 43	9 57	1 48	4 12	14 35	1 52	1 40	27 35	9 1	0 31
F 17	23 21	17 14	3 23	23 52	0 50	23 53	1 22	9 32	0 57	17 10	0 55	15 31	1 20	15 34	0 43	9 57	1 48	4 12	14 35	1 50	1 39	27 36	9 0	0 31
S 18	23 23	11 30	2 24	24 5	0 56	23 46	1 23	9 14	0 56	17 13	0 55	15 29	1 20	15 35	0 43	9 57	1 48	4 12	14 34	1 48	1 38	27 37	9 0	0 31
S 19	23 25	5 26	1 19	24 17	1 2	23 37	1 25	8 57	0 54	17 16	0 55	15 28	1 19	15 35	0 43	9 56	1 48	4 12	14 34	1 48	1 36	27 38	8 59	0 31
M20	23 26	0s40	0 13	24 27	1 7	23 28	1 26	8 39	0 53	17 19	0 55	15 26	1 19	15 36	0 43	9 56	1 48	4 12	14 34	1 48	1 35	27 39	8 59	0 31
T 21	23 27	6 34	0s53	24 36	1 13	23 18	1 28	8 22	0 52	17 22	0 56	15 24	1 19	15 36	0 43	9 56	1 48	4 12	14 34	1 48	1 34	27 40	8 59	0 31
W22	23 27	12 6	1 55	24 44	1 18	23 8	1 29	8 4	0 50	17 25	0 56	15 22	1 19	15 37	0 43	9 56	1 48	4 12	14 34	1 47	1 33	27 41	8 58	0 31
T 23	23 27	17 7	2 50	24 50	1 23	22 56	1 30	7 46	0 49	17 28	0 56	15 21	1 19	15 37	0 43	9 56	1 48	4 12	14 33	1 46	1 31	27 42	8 58	0 31
F 24	23 27	21 25	3 38	24 56	1 28	22 44	1 31	7 28	0 48	17 31	0 56	15 19	1 19	15 38	0 43	9 55	1 48	4 12	14 33	1 43	1 30	27 42	8 58	0 31
S 25	23 26	24 51	4 15	24 59	1 33	22 32	1 32	7 11	0 46	17 34	0 56	15 17	1 19	15 38	0 43	9 55	1 47	4 12	14 33	1 39	1 29	27 43	8 57	0 31
S 26	23 24	27 12	4 42	25 2	1 37	22 19	1 33	6 53	0 45	17 36	0 56	15 15	1 19	15 39	0 43	9 55	1 47	4 12	14 33	1 34	1 28	27 44	8 57	0 30
M27	23 22	28 20	4 56	25 3	1 41	22 5	1 34	6 35	0 44	17 39	0 56	15 13	1 19	15 39	0 43	9 55	1 47	4 12	14 32	1 28	1 26	27 45	8 57	0 30
T 28	23 20	28 10	4 58	25 2	1 45	21 50	1 35	6 17	0 43	17 42	0 56	15 11	1 19	15 40	0 43	9 55	1 47	4 12	14 32	1 22	1 25	27 46	8 57	0 30
W29	23 17	26 40	4 46	25 0	1 49	21 35	1 36	5 59	0 41	17 45	0 56	15 10	1 19	15 40	0 43	9 55	1 47	4 12	14 32	1 16	1 24	27 47	8 56	0 30
T 30	23 13	23 55	4 21	24 57	1 52	21 19	1 37	5 41	0 40	17 48	0 56	15 8	1 19	15 41	0 43	9 55	1 47	4 12	14 32	1 11	1 23	27 48	8 56	0 30
F 31	23s 9	20s 5	3s45	24s52	1s55	21s 2	1s38	5s23	0s39	17s50	0n56	15s 6	1s19	15n41	0n43	9n55	1s47	4n12	14s32	1n 6	1n21	27s49	8n56	0n30

Julian Day Number = 2406223.5, Delta T = -1.57 sec
Ecliptic obliquity = 23°27'28, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°00'27, Lahiri = 22°07'27

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ASTRODIENST EPHEMERIS for the year 1876
geocentric

JANUARY 1876 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 40 0	9♑58'19	26♒47	13♑18	4♒27	18♓38	24♏ 0	23♒ 8	19°R25	0°R17	21°R54	2°R39	3♈21	17♐45	21°R43	S 1
S 2	6 43 56	10°59'30	9♓19	14°56	5°41	19°21	24°11	23°14	19♌23	0♉17	21♉53	2♈35	3°18	17°52	21°D43	S 2
M 3	6 47 53	12° 0'40	22° 5	16°34	6°56	20° 5	24°22	23°20	19°21	0°17	21°52	2°33	3°15	17°59	21♈43	M 3
T 4	6 51 49	13° 1'50	5♈ 8	18°12	8°11	20°48	24°33	23°26	19°19	0°16	21°52	2°D33	3°11	18° 6	21°43	T 4
W 5	6 55 46	14° 3'00	18°32	19°51	9°25	21°31	24°43	23°32	19°17	0°16	21°51	2°R33	3° 8	18°12	21°43	W 5
T 6	6 59 43	15° 4'09	2♉19	21°30	10°40	22°15	24°54	23°38	19°15	0°16	21°50	2°32	3° 5	18°19	21°44	T 6
F 7	7 3 39	16° 5'18	16°32	23° 9	11°55	22°58	25° 5	23°44	19°13	0°16	21°50	2°29	3° 2	18°26	21°44	F 7
S 8	7 7 36	17° 6'26	1♊ 8	24°49	13° 9	23°41	25°15	23°51	19°11	0°16	21°49	2°23	2°59	18°32	21°44	S 8
S 9	7 11 32	18° 7'34	16° 4	26°28	14°24	24°24	25°25	23°57	19° 9	0°16	21°49	2°15	2°56	18°39	21°44	S 9
M10	7 15 29	19° 8'42	1♋13	28° 8	15°38	25° 8	25°36	24° 3	19° 7	0°15	21°48	2° 4	2°52	18°46	21°45	M10
T 11	7 19 25	20° 9'49	16°24	29°49	16°53	25°51	25°46	24°10	19° 4	0°D15	21°48	1°53	2°49	18°53	21°45	T 11
W12	7 23 22	21°10'56	1♌27	1♒29	18° 7	26°34	25°56	24°16	19° 2	0°15	21°47	1°43	2°46	18°59	21°46	W12
T 13	7 27 19	22°12'03	16°12	3° 9	19°22	27°17	26° 6	24°23	19° 0	0°16	21°47	1°34	2°43	19° 6	21°47	T 13
F 14	7 31 15	23°13'09	0♍31	4°49	20°36	28° 1	26°16	24°29	18°58	0°16	21°46	1°27	2°40	19°13	21°47	F 14
S 15	7 35 12	24°14'14	14°22	6°29	21°51	28°44	26°25	24°36	18°55	0°16	21°46	1°24	2°37	19°19	21°48	S 15
S 16	7 39 8	25°15'20	27°43	8° 9	23° 5	29°27	26°35	24°43	18°53	0°16	21°45	1°D23	2°33	19°26	21°49	S 16
M17	7 43 5	26°16'25	10♎37	9°48	24°19	0♈10	26°45	24°49	18°51	0°16	21°45	1°23	2°30	19°33	21°50	M17
T 18	7 47 1	27°17'30	23° 8	11°26	25°34	0°53	26°54	24°56	18°48	0°16	21°44	1°R23	2°27	19°40	21°50	T 18
W19	7 50 58	28°18'34	5♏22	13° 3	26°48	1°37	27° 3	25° 3	18°46	0°17	21°44	1°23	2°24	19°46	21°51	W19
T 20	7 54 54	29°19'39	17°22	14°39	28° 2	2°20	27°13	25° 9	18°44	0°17	21°44	1°21	2°21	19°53	21°52	T 20
F 21	7 58 51	0♒20'43	29°15	16°14	29°16	3° 3	27°22	25°16	18°41	0°17	21°43	1°17	2°17	20° 0	21°53	F 21
S 22	8 2 48	1°21'46	11♐ 5	17°46	0♓31	3°46	27°31	25°23	18°39	0°18	21°43	1°10	2°14	20° 7	21°55	S 22
S 23	8 6 44	2°22'49	22°56	19°16	1°45	4°29	27°40	25°30	18°36	0°18	21°43	1° 1	2°11	20°13	21°56	S 23
M24	8 10 41	3°23'51	4♑51	20°43	2°59	5°12	27°48	25°37	18°34	0°18	21°42	0°50	2° 8	20°20	21°57	M24
T 25	8 14 37	4°24'53	16°52	22° 7	4°13	5°55	27°57	25°44	18°31	0°19	21°42	0°39	2° 5	20°27	21°58	T 25
W26	8 18 34	5°25'53	29° 1	23°26	5°27	6°38	28° 6	25°51	18°29	0°19	21°42	0°27	2° 2	20°33	22° 0	W26
T 27	8 22 30	6°26'53	11♒18	24°41	6°41	7°21	28°14	25°58	18°26	0°20	21°42	0°17	1°58	20°40	22° 1	T 27
F 28	8 26 27	7°27'52	23°45	25°50	7°55	8° 4	28°22	26° 5	18°24	0°21	21°42	0° 9	1°55	20°47	22° 3	F 28
S 29	8 30 23	8°28'50	6♓22	26°52	9° 9	8°47	28°30	26°12	18°21	0°21	21°41	0° 4	1°52	20°54	22° 4	S 29
S 30	8 34 20	9°29'47	19° 9	27°48	10°23	9°30	28°38	26°19	18°18	0°22	21°41	0° 1	1°49	21° 0	22° 6	S 30
M31	8 38 17	10♒30'42	2♈ 8	28♒35	11♓36	10♈13	28♏46	26♒26	18♌16	0♉22	21♉41	0°D 1	1♈46	21♐ 7	22♈ 7	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 5	15s22	2s57	24s45	1s58	20s45	1s38	5s 5	0s38	17s53	0n56	15s 4	1s19	15n42	0n44	9n55	1s47	4n12	14s31	1n 3	1n20	27s50	8n56	0n30
S 2	23 0	9 56	1 59	24 37	2 1	20 28	1 39	4 47	0 36	17 56	0 56	15 2	1 19	15 43	0 44	9 55	1 47	4 12	14 31	1 2	1 19	27 51	8 56	0 30
M 3	22 55	3 59	0 55	24 27	2 3	20 9	1 39	4 28	0 35	17 58	0 56	15 0	1 19	15 43	0 44	9 54	1 47	4 12	14 31	1 1	1 17	27 51	8 56	0 30
T 4	22 49	2n15	0n14	24 16	2 4	19 50	1 40	4 10	0 34	18 1	0 56	14 58	1 19	15 44	0 44	9 54	1 47	4 12	14 30	1 1	1 16	27 52	8 56	0 29
W 5	22 43	8 33	1 23	24 4	2 6	19 31	1 40	3 52	0 33	18 3	0 56	14 56	1 19	15 44	0 44	9 54	1 47	4 12	14 30	1 1	1 15	27 53	8 56	0 29
T 6	22 36	14 38	2 30	23 49	2 7	19 11	1 40	3 34	0 32	18 6	0 56	14 54	1 19	15 45	0 44	9 54	1 47	4 12	14 30	1 0	1 14	27 54	8 56	0 29
F 7	22 29	20 9	3 30	23 34	2 7	18 50	1 40	3 16	0 31	18 8	0 56	14 51	1 19	15 46	0 44	9 54	1 47	4 13	14 30	0 59	1 12	27 55	8 55	0 29
S 8	22 22	24 36	4 18	23 16	2 7	18 29	1 41	2 58	0 29	18 11	0 56	14 49	1 19	15 46	0 44	9 54	1 47	4 13	14 29	0 57	1 11	27 56	8 56	0 29
S 9	22 14	27 31	4 49	22 57	2 7	18 8	1 41	2 39	0 28	18 13	0 56	14 47	1 19	15 47	0 44	9 54	1 47	4 13	14 29	0 54	1 10	27 56	8 56	0 29
M10	22 5	28 28	5 1	22 37	2 6	17 46	1 41	2 21	0 27	18 16	0 56	14 45	1 19	15 48	0 44	9 54	1 47	4 13	14 29	0 49	1 9	27 57	8 56	0 29
T 11	21 57	27 16	4 52	22 15	2 5	17 23	1 40	2 3	0 26	18 18	0 57	14 43	1 19	15 49	0 44	9 55	1 46	4 13	14 29	0 45	1 7	27 58	8 56	0 29
W12	21 47	24 6	4 22	21 51	2 3	17 0	1 40	1 45	0 25	18 20	0 57	14 41	1 19	15 49	0 44	9 55	1 46	4 13	14 28	0 41	1 6	27 59	8 56	0 29
T 13	21 38	19 25	3 35	21 26	2 1	16 37	1 40	1 26	0 24	18 22	0 57	14 39	1 19	15 50	0 44	9 55	1 46	4 13	14 28	0 37	1 5	28 0	8 56	0 28
F 14	21 28	13 44	2 36	20 59	1 58	16 13	1 40	1 8	0 23	18 25	0 57	14 36	1 19	15 51	0 44	9 55	1 46	4 14	14 28	0 35	1 4	28 0	8 56	0 28
S 15	21 17	7 32	1 29	20 31	1 54	15 48	1 39	0 50	0 21	18 27	0 57	14 34	1 19	15 51	0 44	9 55	1 46	4 14	14 27	0 33	1 2	28 1	8 56	0 28
S 16	21 6	1 12	0 19	20 1	1 50	15 23	1 39	0 32	0 20	18 29	0 57	14 32	1 19	15 52	0 44	9 55	1 46	4 14	14 27	0 33	1 1	28 2	8 56	0 28
M17	20 55	4s57	0s49	19 30	1 45	14 58	1 38	0 14	0 19	18 31	0 57	14 30	1 19	15 53	0 44	9 55	1 46	4 14	14 27	0 33	1 0	28 3	8 57	0 28
T 18	20 43	10 45	1 53	18 58	1 40	14 33	1 38	0n 5	0 18	18 33	0 57	14 28	1 19	15 54	0 44	9 55	1 46	4 14	14 26	0 33	0 59	28 3	8 57	0 28
W19	20 31	16 0	2 51	18 24	1 33	14 6	1 37	0 23	0 17	18 35	0 57	14 25	1 19	15 54	0 44	9 55	1 46	4 15	14 26	0 33	0 57	28 4	8 57	0 28
T 20	20 18	20 32	3 39	17 49	1 26	13 40	1 36	0 41	0 16	18 37	0 57	14 23	1 19	15 55	0 44	9 56	1 46	4 15	14 26	0 32	0 56	28 5	8 57	0 28
F 21	20 6	24 12	4 18	17 14	1 18	13 13	1 35	0 59	0 15	18 39	0 57	14 21	1 19	15 56	0 44	9 56	1 46	4 15	14 26	0 31	0 55	28 6	8 58	0 28
S 22	19 52	26 50	4 46	16 37	1 10	12 46	1 34	1 17	0 14	18 41	0 57	14 18	1 19	15 57	0 44	9 56	1 46	4 15	14 25	0 28	0 53	28 6	8 58	0 28
S 23	19 39	28 16	5 1	16 0	1 0	12 19	1 33	1 35	0 13	18 43	0 57	14 16	1 19	15 58	0 44	9 56	1 46	4 15	14 25	0 24	0 52	28 7	8 58	0 27
M24	19 25	28 25	5 3	15 23	0 50	11 51	1 32	1 53	0 12	18 45	0 58	14 14	1 19	15 58	0 44	9 56	1 46	4 16	14 25	0 20	0 51	28 8	8 59	0 27
T 25	19 10	27 13	4 52	14 45	0 38	11 23	1 31	2 11	0 11	18 47	0 58	14 11	1 19	15 59	0 44	9 57	1 46	4 16	14 24	0 15	0 50	28 8	8 59	0 27
W26	18 56	24 44	4 27	14 8	0 26	10 55	1 30	2 29	0 10	18 49	0 58	14 9	1 19	16 0	0 44	9 57	1 46	4 16	14 24	0 11	0 48	28 9	9 0	0 27
T 27	18 41	21 5	3 50	13 31	0 13	10 26	1 28	2 47	0 9	18 51	0 58	14 7	1 19	16 1	0 44	9 57	1 46	4 16	14 24	0 7	0 47	28 10	9 0	0 27
F 28	18 25	16 28	3 2	12 55	0n 0	9 57	1 27	3 5	0 8	18 52	0 58	14 4	1 19	16 2	0 44	9 57	1 45	4 17	14 23	0 4	0 46	28 10	9 0	0 27
S 29	18 9	11 6	2 3	12 20	0 15	9 28	1 25	3 23	0 7	18 54	0 58	14 2	1 19	16 2	0 44	9 58	1 45	4 17	14 23	0 2	0 45	28 11	9 1	0 27
S 30	17 53	5 11	0 58	11 46	0 30	8 59	1 24	3 41	0 6	18 56	0 58	14 0	1 19	16 3	0 44	9 58	1 45	4 17	14 23	0 1	0 43	28 12	9 1	0 27
M31	17s37	1n 2	0n11	11s15	0n46	8s29	1s22	3n58	0s 5	18s57	0n58	13s57	1s19	16n 4	0n44	9n58	1s45	4n18	14s22	0n 0	0n42	28s12	9n 2	0n27

Julian Day Number = 2406254.5, Delta T = -1.61 sec
Ecliptic obliquity = 23°27'28, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°00'31, Lahiri = 22°07'32

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ASTRODIENST EPHEMERIS for the year 1876
geocentric

FEBRUARY 1876 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 42 13	11♒31'36	15♈21	29♒14	12♓50	10♈56	28♏54	26♒33	18°R13	0♉23	21°R41	0♈ 2	1♈43	21♐14	22♈ 9	T 1
W 2	8 46 10	12°32'29	28°48	29°43	14° 4	11°39	29° 2	26°40	18♌11	0°24	21♉41	0° 3	1°39	21°20	22°11	W 2
T 3	8 50 6	13°33'20	12♉33	0♓ 2	15°18	12°22	29° 9	26°47	18° 8	0°25	21°41	0°R 4	1°36	21°27	22°12	T 3
F 4	8 54 3	14°34'10	26°34	0°R11	16°31	13° 5	29°16	26°54	18° 5	0°26	21°41	0° 3	1°33	21°34	22°14	F 4
S 5	8 57 59	15°34'59	10♊53	0° 8	17°45	13°47	29°24	27° 2	18° 3	0°26	21°D41	0° 0	1°30	21°41	22°16	S 5
S 6	9 1 56	16°35'46	25°26	29♒55	18°58	14°30	29°31	27° 9	18° 0	0°27	21°41	29♓56	1°27	21°47	22°18	S 6
M 7	9 5 52	17°36'31	10♋ 9	29°30	20°12	15°13	29°38	27°16	17°57	0°28	21°41	29°50	1°23	21°54	22°20	M 7
T 8	9 9 49	18°37'15	24°55	28°56	21°25	15°56	29°44	27°23	17°55	0°29	21°41	29°43	1°20	22° 1	22°22	T 8
W 9	9 13 46	19°37'58	9♌37	28°12	22°38	16°38	29°51	27°30	17°52	0°30	21°41	29°37	1°17	22° 8	22°24	W 9
T 10	9 17 42	20°38'39	24° 7	27°19	23°52	17°21	29°57	27°38	17°50	0°31	21°41	29°31	1°14	22°14	22°26	T 10
F 11	9 21 39	21°39'19	8♍18	26°20	25° 5	18° 4	0♐ 4	27°45	17°47	0°32	21°41	29°28	1°11	22°21	22°28	F 11
S 12	9 25 35	22°39'57	22° 6	25°15	26°18	18°46	0°10	27°52	17°44	0°33	21°41	29°26	1° 8	22°28	22°30	S 12
S 13	9 29 32	23°40'34	5♎29	24° 8	27°31	19°29	0°16	27°59	17°42	0°34	21°42	29°D26	1° 4	22°34	22°33	S 13
M14	9 33 28	24°41'10	18°28	22°58	28°44	20°11	0°22	28° 7	17°39	0°35	21°42	29°27	1° 1	22°41	22°35	M14
T 15	9 37 25	25°41'45	1♏ 4	21°49	29°57	20°54	0°28	28°14	17°37	0°37	21°42	29°29	0°58	22°48	22°37	T 15
W16	9 41 21	26°42'18	13°23	20°42	1♈10	21°36	0°33	28°21	17°34	0°38	21°42	29°30	0°55	22°55	22°40	W16
T 17	9 45 18	27°42'50	25°28	19°39	2°23	22°19	0°39	28°28	17°31	0°39	21°43	29°R31	0°52	23° 1	22°42	T 17
F 18	9 49 15	28°43'21	7♐23	18°41	3°36	23° 1	0°44	28°36	17°29	0°40	21°43	29°31	0°49	23° 8	22°45	F 18
S 19	9 53 11	29°43'51	19°15	17°48	4°48	23°44	0°49	28°43	17°26	0°42	21°43	29°29	0°45	23°15	22°47	S 19
S 20	9 57 8	0♓44'19	1♑ 8	17° 2	6° 1	24°26	0°54	28°50	17°24	0°43	21°43	29°26	0°42	23°21	22°50	S 20
M21	10 1 4	1°44'46	13° 5	16°23	7°13	25° 8	0°58	28°58	17°21	0°44	21°44	29°22	0°39	23°28	22°52	M21
T 22	10 5 1	2°45'12	25°10	15°51	8°26	25°51	1° 3	29° 5	17°19	0°46	21°44	29°17	0°36	23°35	22°55	T 22
W23	10 8 57	3°45'36	7♒27	15°27	9°38	26°33	1° 7	29°12	17°16	0°47	21°44	29°12	0°33	23°42	22°58	W23
T 24	10 12 54	4°45'58	19°56	15°10	10°50	27°15	1°12	29°19	17°14	0°48	21°45	29° 8	0°29	23°48	23° 0	T 24
F 25	10 16 50	5°46'19	2♓38	15° 1	12° 3	27°57	1°16	29°27	17°11	0°50	21°45	29° 5	0°26	23°55	23° 3	F 25
S 26	10 20 47	6°46'38	15°35	14°D58	13°15	28°40	1°20	29°34	17° 9	0°51	21°46	29° 3	0°23	24° 2	23° 6	S 26
S 27	10 24 44	7°46'55	28°45	15° 2	14°27	29°22	1°23	29°41	17° 6	0°53	21°46	29°D 3	0°20	24° 9	23° 9	S 27
M28	10 28 40	8°47'10	12♈ 7	15°12	15°39	0♉ 4	1°27	29°48	17° 4	0°54	21°47	29° 3	0°17	24°15	23°12	M28
T 29	10 32 37	9♓47'23	25♈42	15♒28	16♈51	0♉46	1♐30	29♒55	17♌ 2	0♉56	21♉47	29♓ 4	0♈14	24♐22	23♈14	T 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s20	7n18	1n22	10s46	1n 3	7s59	1s21	4n16	0s 4	18s59	0n58	13s55	1s19	16n 5	0n44	9n58	1s45	4n18	14s22	0n 1	0n41	28s13	9n 2	0n27
W 2	17 3	13 23	2 29	10 20	1 20	7 29	1 19	4 34	0 3	19 0	0 58	13 52	1 19	16 6	0 44	9 59	1 45	4 18	14 22	0 1	0 40	28 14	9 3	0 26
T 3	16 46	18 56	3 29	9 57	1 37	6 59	1 17	4 51	0 2	19 2	0 58	13 50	1 19	16 6	0 44	9 59	1 45	4 18	14 21	0 1	0 38	28 14	9 4	0 26
F 4	16 28	23 35	4 18	9 38	1 54	6 29	1 15	5 9	0 1	19 3	0 59	13 48	1 19	16 7	0 44	9 59	1 45	4 19	14 21	0 1	0 37	28 15	9 4	0 26
S 5	16 11	26 54	4 52	9 24	2 11	5 58	1 13	5 26	0 0	19 5	0 59	13 45	1 19	16 8	0 44	10 0	1 45	4 19	14 21	0 0	0 36	28 15	9 5	0 26
S 6	15 52	28 30	5 8	9 13	2 27	5 27	1 11	5 44	0n 1	19 6	0 59	13 43	1 19	16 9	0 44	10 0	1 45	4 19	14 20	0s 2	0 34	28 16	9 5	0 26
M 7	15 34	28 7	5 4	9 7	2 42	4 56	1 9	6 1	0 2	19 8	0 59	13 40	1 19	16 10	0 44	10 0	1 45	4 20	14 20	0 4	0 33	28 17	9 6	0 26
T 8	15 15	25 45	4 40	9 6	2 57	4 25	1 7	6 19	0 2	19 9	0 59	13 38	1 19	16 11	0 44	10 1	1 45	4 20	14 20	0 7	0 32	28 17	9 7	0 26
W 9	14 56	21 40	3 57	9 9	3 10	3 54	1 4	6 36	0 3	19 10	0 59	13 35	1 19	16 11	0 44	10 1	1 45	4 20	14 19	0 9	0 31	28 18	9 7	0 26
T 10	14 37	16 19	3 0	9 16	3 21	3 23	1 2	6 53	0 4	19 12	0 59	13 33	1 19	16 12	0 44	10 2	1 45	4 21	14 19	0 11	0 29	28 18	9 8	0 26
F 11	14 18	10 12	1 52	9 28	3 30	2 52	0 59	7 10	0 5	19 13	0 59	13 30	1 19	16 13	0 44	10 2	1 45	4 21	14 19	0 13	0 28	28 19	9 9	0 26
S 12	13 58	3 45	0 40	9 43	3 37	2 21	0 57	7 27	0 6	19 14	0 59	13 28	1 19	16 14	0 44	10 2	1 45	4 21	14 19	0 14	0 27	28 19	9 10	0 25
S 13	13 38	2s41	0s33	10 1	3 41	1 49	0 54	7 44	0 7	19 15	0 59	13 26	1 20	16 15	0 44	10 3	1 45	4 22	14 18	0 14	0 26	28 20	9 10	0 25
M14	13 18	8 49	1 42	10 21	3 43	1 18	0 52	8 1	0 8	19 16	1 0	13 23	1 20	16 15	0 44	10 3	1 44	4 22	14 18	0 13	0 24	28 20	9 11	0 25
T 15	12 58	14 25	2 44	10 43	3 43	0 46	0 49	8 18	0 9	19 17	1 0	13 21	1 20	16 16	0 44	10 4	1 44	4 22	14 18	0 12	0 23	28 21	9 12	0 25
W16	12 37	19 19	3 37	11 7	3 41	0 15	0 46	8 34	0 9	19 18	1 0	13 18	1 20	16 17	0 44	10 4	1 44	4 23	14 17	0 12	0 22	28 21	9 13	0 25
T 17	12 17	23 20	4 19	11 31	3 36	0n17	0 44	8 51	0 10	19 19	1 0	13 16	1 20	16 18	0 44	10 5	1 44	4 23	14 17	0 12	0 21	28 22	9 13	0 25
F 18	11 56	26 19	4 50	11 55	3 30	0 48	0 41	9 8	0 11	19 20	1 0	13 13	1 20	16 19	0 44	10 5	1 44	4 24	14 17	0 12	0 19	28 22	9 14	0 25
S 19	11 35	28 8	5 8	12 19	3 22	1 20	0 38	9 24	0 12	19 21	1 0	13 11	1 20	16 19	0 44	10 6	1 44	4 24	14 16	0 12	0 18	28 23	9 15	0 25
S 20	11 13	28 40	5 12	12 41	3 12	1 51	0 35	9 40	0 13	19 22	1 0	13 8	1 20	16 20	0 44	10 6	1 44	4 24	14 16	0 14	0 17	28 23	9 16	0 25
M21	10 52	27 51	5 4	13 3	3 1	2 23	0 32	9 57	0 13	19 23	1 0	13 6	1 20	16 21	0 44	10 7	1 44	4 25	14 16	0 15	0 16	28 24	9 17	0 25
T 22	10 30	25 44	4 41	13 24	2 50	2 54	0 29	10 13	0 14	19 24	1 0	13 3	1 20	16 22	0 44	10 7	1 44	4 25	14 15	0 17	0 14	28 24	9 18	0 24
W23	10 8	22 23	4 6	13 42	2 37	3 26	0 26	10 29	0 15	19 25	1 1	13 1	1 20	16 22	0 44	10 8	1 44	4 26	14 15	0 19	0 13	28 25	9 19	0 24
T 24	9 46	17 59	3 18	14 0	2 25	3 57	0 22	10 45	0 16	19 26	1 1	12 58	1 20	16 23	0 44	10 8	1 44	4 26	14 15	0 21	0 12	28 25	9 20	0 24
F 25	9 24	12 43	2 20	14 15	2 11	4 28	0 19	11 1	0 17	19 26	1 1	12 56	1 20	16 24	0 44	10 9	1 44	4 26	14 14	0 22	0 10	28 25	9 21	0 24
S 26	9 2	6 49	1 13	14 29	1 58	4 59	0 16	11 17	0 17	19 27	1 1	12 53	1 20	16 25	0 44	10 9	1 44	4 27	14 14	0 23	0 9	28 26	9 21	0 24
S 27	8 39	0 31	0 2	14 40	1 45	5 30	0 13	11 32	0 18	19 28	1 1	12 51	1 20	16 25	0 44	10 10	1 44	4 27	14 14	0 23	0 8	28 26	9 22	0 24
M28	8 17	5n53	1n11	14 50	1 31	6 1	0 9	11 48	0 19	19 28	1 1	12 48	1 20	16 26	0 44	10 11	1 44	4 28	14 13	0 23	0 7	28 27	9 23	0 24
T 29	7s54	12n 8	2n22	14s58	1n18	6n32	0s 6	12n 3	0n20	19s29	1n 1	12s46	1s21	16n27	0n44	10n11	1s44	4n28	14s13	0s22	0n 5	28s27	9n24	0n24

Julian Day Number = 2406285.5, Delta T = -1.64 sec
Ecliptic obliquity = 23°27'29, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°00'35, Lahiri = 22°07'36

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ASTRODIENST EPHEMERIS for the year 1876
geocentric

MARCH 1876 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 36 33	10♓47'35	9♉27	15♒49	18♈ 3	1♉28	1♐34	0♓ 3	16°R59	0♉57	21♉48	29♓ 6	0♈10	24♐29	23♈17	W 1
T 2	10 40 30	11°47'44	23°22	16°16	19°14	2°10	1°37	0°10	16♌57	0°59	21°48	29° 7	0° 7	24°35	23°20	T 2
F 3	10 44 26	12°47'51	7♊26	16°47	20°26	2°52	1°39	0°17	16°55	1° 1	21°49	29°R 8	0° 4	24°42	23°23	F 3
S 4	10 48 23	13°47'56	21°37	17°23	21°37	3°34	1°42	0°24	16°52	1° 2	21°49	29° 8	0° 1	24°49	23°26	S 4
S 5	10 52 19	14°47'59	5♋53	18° 4	22°49	4°16	1°44	0°31	16°50	1° 4	21°50	29° 7	29♓58	24°56	23°30	S 5
M 6	10 56 16	15°48'00	20°11	18°48	24° 0	4°58	1°47	0°38	16°48	1° 6	21°51	29° 5	29°55	25° 2	23°33	M 6
T 7	11 0 13	16°47'59	4♌29	19°35	25°11	5°40	1°49	0°46	16°46	1° 7	21°51	29° 4	29°51	25° 9	23°36	T 7
W 8	11 4 9	17°47'55	18°41	20°26	26°22	6°22	1°51	0°53	16°44	1° 9	21°52	29° 2	29°48	25°16	23°39	W 8
T 9	11 8 6	18°47'49	2♍43	21°20	27°33	7° 3	1°53	1° 0	16°41	1°11	21°53	29° 1	29°45	25°22	23°42	T 9
F 10	11 12 2	19°47'41	16°31	22°18	28°44	7°45	1°54	1° 7	16°39	1°13	21°53	29° 1	29°42	25°29	23°45	F 10
S 11	11 15 59	20°47'32	0♎ 4	23°17	29°55	8°27	1°56	1°14	16°37	1°14	21°54	29°D 0	29°39	25°36	23°49	S 11
S 12	11 19 55	21°47'20	13°17	24°20	1♉ 5	9° 9	1°57	1°21	16°35	1°16	21°55	29° 1	29°35	25°43	23°52	S 12
M13	11 23 52	22°47'06	26°12	25°25	2°16	9°50	1°58	1°28	16°33	1°18	21°56	29° 1	29°32	25°49	23°55	M13
T 14	11 27 48	23°46'51	8♏48	26°32	3°26	10°32	1°59	1°35	16°31	1°20	21°56	29° 2	29°29	25°56	23°58	T 14
W15	11 31 45	24°46'34	21° 8	27°42	4°37	11°13	1°59	1°41	16°29	1°22	21°57	29° 2	29°26	26° 3	24° 2	W15
T 16	11 35 41	25°46'15	3♐15	28°53	5°47	11°55	2° 0	1°48	16°28	1°24	21°58	29° 3	29°23	26°10	24° 5	T 16
F 17	11 39 38	26°45'54	15°14	0♓ 7	6°57	12°37	2° 0	1°55	16°26	1°26	21°59	29° 3	29°20	26°16	24° 9	F 17
S 18	11 43 35	27°45'32	27° 7	1°22	8° 7	13°18	2°R 0	2° 2	16°24	1°28	22° 0	29°R 3	29°16	26°23	24°12	S 18
S 19	11 47 31	28°45'08	9♑ 1	2°40	9°17	13°59	2° 0	2° 9	16°22	1°30	22° 0	29°D 3	29°13	26°30	24°16	S 19
M20	11 51 28	29°44'42	20°59	3°59	10°26	14°41	2° 0	2°16	16°20	1°32	22° 1	29° 3	29°10	26°36	24°19	M20
T 21	11 55 24	0♈44'15	3♒ 6	5°20	11°36	15°22	1°59	2°22	16°19	1°34	22° 2	29° 3	29° 7	26°43	24°22	T 21
W22	11 59 21	1°43'45	15°26	6°42	12°45	16° 4	1°58	2°29	16°17	1°36	22° 3	29° 3	29° 4	26°50	24°26	W22
T 23	12 3 17	2°43'14	28° 2	8° 6	13°54	16°45	1°57	2°36	16°16	1°38	22° 4	29° 4	29° 0	26°57	24°29	T 23
F 24	12 7 14	3°42'41	10♓56	9°32	15° 3	17°26	1°56	2°42	16°14	1°40	22° 5	29° 4	28°57	27° 3	24°33	F 24
S 25	12 11 10	4°42'05	24°10	10°59	16°12	18° 7	1°55	2°49	16°13	1°42	22° 6	29°R 4	28°54	27°10	24°37	S 25
S 26	12 15 7	5°41'28	7♈42	12°28	17°21	18°49	1°54	2°55	16°11	1°44	22° 7	29° 4	28°51	27°17	24°40	S 26
M27	12 19 4	6°40'49	21°31	13°58	18°30	19°30	1°52	3° 2	16°10	1°46	22° 8	29° 4	28°48	27°23	24°44	M27
T 28	12 23 0	7°40'08	5♉34	15°30	19°38	20°11	1°50	3° 8	16° 8	1°48	22° 9	29° 3	28°45	27°30	24°47	T 28
W29	12 26 57	8°39'24	19°46	17° 3	20°47	20°52	1°48	3°15	16° 7	1°50	22°10	29° 2	28°41	27°37	24°51	W29
T 30	12 30 53	9°38'38	4♊ 4	18°37	21°55	21°33	1°46	3°21	16° 6	1°52	22°11	29° 1	28°38	27°44	24°55	T 30
F 31	12 34 50	10♈37'50	18♊24	20♓13	23♉ 3	22♉14	1♐44	3♓27	16♌ 5	1♉54	22♉12	28♓59	28♓35	27♐50	24♈58	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s31	17n53	3n25	15s 4	1n 5	7n 3	0s 2	12n19	0n20	19s29	1n 1	12s43	1s21	16n27	0n44	10n12	1s44	4n28	14s13	0s22	0n 4	28s27	9n25	0n24
T 2	7 9	22 46	4 16	15 9	0 52	7 33	0n 1	12 34	0 21	19 30	1 1	12 41	1 21	16 28	0 44	10 12	1 44	4 29	14 12	0 21	0 3	28 28	9 26	0 24
F 3	6 46	26 23	4 53	15 11	0 40	8 3	0 5	12 49	0 22	19 30	1 2	12 38	1 21	16 29	0 44	10 13	1 44	4 29	14 12	0 21	0 2	28 28	9 27	0 24
S 4	6 23	28 24	5 13	15 12	0 27	8 34	0 8	13 4	0 22	19 31	1 2	12 36	1 21	16 30	0 44	10 14	1 44	4 30	14 12	0 21	0 0	28 29	9 28	0 23
S 5	5 59	28 33	5 13	15 11	0 15	9 4	0 12	13 19	0 23	19 31	1 2	12 34	1 21	16 30	0 44	10 14	1 44	4 30	14 12	0 21	0s 1	28 29	9 30	0 23
M 6	5 36	26 48	4 55	15 9	0 4	9 33	0 15	13 34	0 24	19 31	1 2	12 31	1 21	16 31	0 44	10 15	1 43	4 31	14 11	0 22	0 2	28 29	9 31	0 23
T 7	5 13	23 19	4 18	15 4	0s 7	10 3	0 19	13 48	0 24	19 32	1 2	12 29	1 21	16 32	0 44	10 15	1 43	4 31	14 11	0 22	0 3	28 30	9 32	0 23
W 8	4 50	18 29	3 25	14 58	0 18	10 32	0 23	14 3	0 25	19 32	1 2	12 26	1 21	16 32	0 44	10 16	1 43	4 31	14 11	0 23	0 5	28 30	9 33	0 23
T 9	4 26	12 42	2 20	14 51	0 28	11 1	0 26	14 17	0 26	19 32	1 2	12 24	1 21	16 33	0 44	10 17	1 43	4 32	14 10	0 23	0 6	28 30	9 34	0 23
F 10	4 3	6 23	1 9	14 42	0 38	11 30	0 30	14 31	0 27	19 32	1 2	12 21	1 21	16 33	0 44	10 17	1 43	4 32	14 10	0 24	0 7	28 31	9 35	0 23
S 11	3 39	0s 7	0s 6	14 31	0 48	11 59	0 34	14 46	0 27	19 33	1 2	12 19	1 22	16 34	0 44	10 18	1 43	4 33	14 10	0 24	0 9	28 31	9 36	0 23
S 12	3 16	6 27	1 18	14 19	0 57	12 27	0 38	15 0	0 28	19 33	1 3	12 17	1 22	16 35	0 44	10 19	1 43	4 33	14 10	0 24	0 10	28 31	9 37	0 23
M13	2 52	12 22	2 25	14 5	1 5	12 55	0 41	15 13	0 28	19 33	1 3	12 14	1 22	16 35	0 44	10 19	1 43	4 34	14 9	0 23	0 11	28 31	9 38	0 23
T 14	2 28	17 39	3 23	13 50	1 14	13 23	0 45	15 27	0 29	19 33	1 3	12 12	1 22	16 36	0 44	10 20	1 43	4 34	14 9	0 23	0 12	28 32	9 40	0 23
W15	2 5	22 5	4 10	13 33	1 21	13 50	0 49	15 41	0 30	19 33	1 3	12 9	1 22	16 36	0 44	10 21	1 43	4 35	14 9	0 23	0 14	28 32	9 41	0 23
T 16	1 41	25 29	4 45	13 15	1 29	14 17	0 53	15 54	0 30	19 33	1 3	12 7	1 22	16 37	0 44	10 21	1 43	4 35	14 8	0 23	0 15	28 32	9 42	0 22
F 17	1 17	27 44	5 8	12 56	1 36	14 44	0 57	16 8	0 31	19 33	1 3	12 5	1 22	16 37	0 44	10 22	1 43	4 36	14 8	0 23	0 16	28 32	9 43	0 22
S 18	0 54	28 42	5 17	12 35	1 42	15 11	1 0	16 21	0 32	19 33	1 3	12 2	1 22	16 38	0 44	10 23	1 43	4 36	14 8	0 23	0 17	28 33	9 44	0 22
S 19	0 30	28 20	5 12	12 13	1 48	15 37	1 4	16 34	0 32	19 33	1 3	12 0	1 22	16 38	0 44	10 24	1 43	4 36	14 8	0 23	0 19	28 33	9 45	0 22
M20	0 6	26 40	4 54	11 49	1 53	16 2	1 8	16 47	0 33	19 32	1 3	11 58	1 23	16 39	0 44	10 24	1 43	4 37	14 7	0 23	0 20	28 33	9 47	0 22
T 21	0n18	23 44	4 23	11 24	1 59	16 28	1 12	16 59	0 33	19 32	1 4	11 55	1 23	16 39	0 44	10 25	1 43	4 37	14 7	0 23	0 21	28 33	9 48	0 22
W22	0 41	19 42	3 39	10 58	2 3	16 53	1 16	17 12	0 34	19 32	1 4	11 53	1 23	16 40	0 44	10 26	1 43	4 38	14 7	0 23	0 22	28 34	9 49	0 22
T 23	1 5	14 43	2 44	10 30	2 7	17 17	1 20	17 24	0 35	19 32	1 4	11 51	1 23	16 40	0 44	10 26	1 43	4 38	14 7	0 22	0 24	28 34	9 50	0 22
F 24	1 29	9 0	1 39	10 1	2 11	17 42	1 23	17 37	0 35	19 31	1 4	11 49	1 23	16 41	0 44	10 27	1 43	4 39	14 6	0 22	0 25	28 34	9 51	0 22
S 25	1 52	2 44	0 27	9 31	2 14	18 5	1 27	17 49	0 36	19 31	1 4	11 46	1 23	16 41	0 44	10 28	1 43	4 39	14 6	0 22	0 26	28 34	9 53	0 22
S 26	2 16	3n47	0n48	9 0	2 17	18 29	1 31	18 1	0 36	19 31	1 4	11 44	1 23	16 42	0 44	10 29	1 43	4 40	14 6	0 22	0 27	28 34	9 54	0 22
M27	2 39	10 16	2 1	8 27	2 20	18 52	1 35	18 13	0 37	19 30	1 4	11 42	1 23	16 42	0 44	10 29	1 43	4 40	14 6	0 22	0 29	28 35	9 55	0 22
T 28	3 3	16 21	3 9	7 54	2 21	19 14	1 38	18 24	0 37	19 30	1 4	11 40	1 24	16 42	0 44	10 30	1 43	4 41	14 5	0 23	0 30	28 35	9 56	0 21
W29	3 26	21 37	4 5	7 19	2 23	19 36	1 42	18 36	0 38	19 29	1 4	11 37	1 24	16 43	0 44	10 31	1 43	4 41	14 5	0 23	0 31	28 35	9 58	0 21
T 30	3 49	25 40	4 47	6 43	2 24	19 58	1 46	18 47	0 38	19 29	1 4	11 35	1 24	16 43	0 44	10 32	1 43	4 42	14 5	0 24	0 33	28 35	9 59	0 21
F 31	4n13	28n 7	5n11	6s 5	2s24	20n19	1n49	18n58	0n39	19s28	1n 5	11s33	1s24	16n43	0n44	10n32	1s43	4n42	14s 5	0s24	0s34	28s35	10n 0	0n21

Julian Day Number = 2406314.5, Delta T = -1.68 sec
Ecliptic obliquity = 23°27'29, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°00'39, Lahiri = 22°07'40

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1876
geocentric

APRIL 1876 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 38 46	11♈37'00	2♋41	21♓51	24♉11	22♉55	1°R41	3♓34	16°R 3	1♉56	22♉13	28°R59	28♓32	27♐57	25♈ 2	S 1
S 2	12 42 43	12°36'08	16°53	23°30	25°18	23°36	1♐38	3°40	16♌ 2	1°59	22°14	28°D59	28°29	28° 4	25° 6	S 2
M 3	12 46 39	13°35'13	0♌58	25°10	26°26	24°17	1°36	3°46	16° 1	2° 1	22°15	28♓59	28°26	28°11	25° 9	M 3
T 4	12 50 36	14°34'15	14°53	26°52	27°33	24°58	1°33	3°52	16° 0	2° 3	22°16	29° 0	28°22	28°17	25°13	T 4
W 5	12 54 33	15°33'15	28°38	28°35	28°40	25°39	1°29	3°58	15°59	2° 5	22°17	29° 1	28°19	28°24	25°17	W 5
T 6	12 58 29	16°32'13	12♍12	0♈20	29°47	26°20	1°26	4° 4	15°58	2° 7	22°19	29° 3	28°16	28°31	25°20	T 6
F 7	13 2 26	17°31'09	25°34	2° 6	0♊54	27° 1	1°22	4°10	15°58	2° 9	22°20	29°R 3	28°13	28°37	25°24	F 7
S 8	13 6 22	18°30'02	8♎42	3°53	2° 0	27°41	1°19	4°16	15°57	2°12	22°21	29° 3	28°10	28°44	25°28	S 8
S 9	13 10 19	19°28'54	21°38	5°42	3° 6	28°22	1°15	4°22	15°56	2°14	22°22	29° 2	28° 6	28°51	25°32	S 9
M10	13 14 15	20°27'44	4♏19	7°33	4°12	29° 3	1°11	4°28	15°55	2°16	22°23	28°59	28° 3	28°58	25°35	M10
T 11	13 18 12	21°26'31	16°48	9°25	5°18	29°44	1° 6	4°33	15°55	2°18	22°24	28°56	28° 0	29° 4	25°39	T 11
W12	13 22 8	22°25'17	29° 4	11°19	6°24	0♊24	1° 2	4°39	15°54	2°21	22°25	28°52	27°57	29°11	25°43	W12
T 13	13 26 5	23°24'01	11♐10	13°14	7°29	1° 5	0°57	4°45	15°53	2°23	22°27	28°48	27°54	29°18	25°47	T 13
F 14	13 30 2	24°22'43	23° 8	15°11	8°34	1°45	0°53	4°50	15°53	2°25	22°28	28°45	27°51	29°25	25°50	F 14
S 15	13 33 58	25°21'24	5♑ 1	17° 9	9°39	2°26	0°48	4°56	15°52	2°27	22°29	28°42	27°47	29°31	25°54	S 15
S 16	13 37 55	26°20'03	16°55	19° 9	10°44	3° 6	0°43	5° 1	15°52	2°30	22°30	28°40	27°44	29°38	25°58	S 16
M17	13 41 51	27°18'40	28°52	21°10	11°48	3°47	0°38	5° 7	15°52	2°32	22°32	28°D40	27°41	29°45	26° 2	M17
T 18	13 45 48	28°17'15	10♒57	23°12	12°52	4°27	0°32	5°12	15°51	2°34	22°33	28°41	27°38	29°51	26° 5	T 18
W19	13 49 44	29°15'49	23°17	25°16	13°56	5° 8	0°27	5°17	15°51	2°36	22°34	28°42	27°35	29°58	26° 9	W19
T 20	13 53 41	0♉14'21	5♓54	27°21	15° 0	5°48	0°21	5°23	15°51	2°39	22°35	28°44	27°32	0♑ 5	26°13	T 20
F 21	13 57 37	1°12'51	18°52	29°27	16° 3	6°28	0°16	5°28	15°51	2°41	22°37	28°45	27°28	0°12	26°17	F 21
S 22	14 1 34	2°11'20	2♈15	1♉34	17° 6	7° 9	0°10	5°33	15°51	2°43	22°38	28°R45	27°25	0°18	26°20	S 22
S 23	14 5 31	3° 9'47	16° 2	3°42	18° 9	7°49	0° 4	5°38	15°D51	2°45	22°39	28°44	27°22	0°25	26°24	S 23
M24	14 9 27	4° 8'12	0♉12	5°50	19°11	8°29	29♏58	5°43	15°51	2°48	22°40	28°41	27°19	0°32	26°28	M24
T 25	14 13 24	5° 6'35	14°40	7°59	20°13	9° 9	29°51	5°47	15°51	2°50	22°42	28°37	27°16	0°38	26°32	T 25
W26	14 17 20	6° 4'57	29°21	10° 8	21°15	9°50	29°45	5°52	15°51	2°52	22°43	28°32	27°12	0°45	26°35	W26
T 27	14 21 17	7° 3'16	14♊ 6	12°17	22°17	10°30	29°39	5°57	15°51	2°54	22°44	28°26	27° 9	0°52	26°39	T 27
F 28	14 25 13	8° 1'34	28°49	14°25	23°18	11°10	29°32	6° 2	15°52	2°57	22°46	28°21	27° 6	0°59	26°43	F 28
S 29	14 29 10	8°59'50	13♋23	16°33	24°18	11°50	29°25	6° 6	15°52	2°59	22°47	28°17	27° 3	1° 5	26°46	S 29
S 30	14 33 6	9♉58'03	27♋43	18♉39	25♊19	12♊30	29♏19	6♓11	15♌52	3♉ 1	22♉48	28♓14	27♓ 0	1♑12	26♈50	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n36	28n41	5n15	5s27	2s24	20n39	1n53	19n 9	0n39	19s28	1n 5	11s31	1s24	16n44	0n43	10n33	1s43	4n42	14s 5	0s24	0s35	28s35	10n 2	0n21
S 2	4 59	27 22	5 1	4 47	2 24	21 0	1 57	19 20	0 40	19 27	1 5	11 29	1 24	16 44	0 43	10 34	1 43	4 43	14 4	0 24	0 36	28 35	10 3	0 21
M 3	5 22	24 19	4 28	4 6	2 23	21 19	2 0	19 31	0 40	19 26	1 5	11 27	1 24	16 44	0 43	10 35	1 43	4 43	14 4	0 24	0 38	28 35	10 4	0 21
T 4	5 45	19 53	3 40	3 25	2 21	21 38	2 4	19 41	0 41	19 26	1 5	11 25	1 25	16 45	0 43	10 35	1 43	4 44	14 4	0 24	0 39	28 36	10 5	0 21
W 5	6 8	14 28	2 40	2 42	2 19	21 57	2 7	19 52	0 41	19 25	1 5	11 23	1 25	16 45	0 43	10 36	1 43	4 44	14 4	0 23	0 40	28 36	10 7	0 21
T 6	6 30	8 24	1 32	1 58	2 17	22 15	2 11	20 2	0 42	19 24	1 5	11 20	1 25	16 45	0 43	10 37	1 43	4 45	14 3	0 23	0 41	28 36	10 8	0 21
F 7	6 53	2 4	0 19	1 13	2 14	22 32	2 14	20 12	0 42	19 23	1 5	11 18	1 25	16 45	0 43	10 38	1 43	4 45	14 3	0 23	0 43	28 36	10 9	0 21
S 8	7 15	4s16	0s53	0 27	2 10	22 49	2 18	20 21	0 43	19 23	1 5	11 16	1 25	16 45	0 43	10 38	1 43	4 46	14 3	0 23	0 44	28 36	10 10	0 21
S 9	7 38	10 19	2 1	0n20	2 6	23 6	2 21	20 31	0 43	19 22	1 5	11 14	1 25	16 46	0 43	10 39	1 43	4 46	14 3	0 23	0 45	28 36	10 12	0 21
M10	8 0	15 49	3 2	1 8	2 2	23 22	2 24	20 41	0 44	19 21	1 5	11 12	1 25	16 46	0 43	10 40	1 43	4 47	14 3	0 24	0 46	28 36	10 13	0 20
T 11	8 22	20 35	3 53	1 57	1 57	23 37	2 27	20 50	0 44	19 20	1 5	11 10	1 26	16 46	0 43	10 41	1 43	4 47	14 3	0 25	0 48	28 36	10 14	0 20
W12	8 44	24 23	4 32	2 46	1 51	23 52	2 30	20 59	0 45	19 19	1 5	11 9	1 26	16 46	0 43	10 41	1 43	4 47	14 2	0 27	0 49	28 36	10 16	0 20
T 13	9 6	27 4	4 59	3 37	1 45	24 6	2 33	21 8	0 45	19 18	1 5	11 7	1 26	16 46	0 43	10 42	1 43	4 48	14 2	0 29	0 50	28 36	10 17	0 20
F 14	9 27	28 28	5 12	4 28	1 39	24 20	2 36	21 17	0 46	19 17	1 6	11 5	1 26	16 46	0 43	10 43	1 43	4 48	14 2	0 30	0 52	28 36	10 18	0 20
S 15	9 49	28 33	5 11	5 20	1 32	24 33	2 39	21 25	0 46	19 16	1 6	11 3	1 26	16 47	0 43	10 44	1 43	4 49	14 2	0 31	0 53	28 36	10 20	0 20
S 16	10 10	27 18	4 58	6 12	1 24	24 45	2 42	21 33	0 47	19 15	1 6	11 1	1 26	16 47	0 43	10 45	1 43	4 49	14 2	0 32	0 54	28 36	10 21	0 20
M17	10 31	24 49	4 31	7 5	1 16	24 57	2 45	21 42	0 47	19 14	1 6	10 59	1 27	16 47	0 43	10 45	1 42	4 50	14 2	0 32	0 55	28 36	10 22	0 20
T 18	10 52	21 13	3 52	7 58	1 8	25 8	2 48	21 50	0 47	19 13	1 6	10 57	1 27	16 47	0 43	10 46	1 42	4 50	14 1	0 32	0 57	28 36	10 23	0 20
W19	11 13	16 38	3 2	8 52	0 59	25 19	2 50	21 57	0 48	19 11	1 6	10 56	1 27	16 47	0 43	10 47	1 42	4 51	14 1	0 31	0 58	28 36	10 25	0 20
T 20	11 34	11 14	2 2	9 46	0 50	25 29	2 53	22 5	0 48	19 10	1 6	10 54	1 27	16 47	0 43	10 48	1 42	4 51	14 1	0 30	0 59	28 36	10 26	0 20
F 21	11 54	5 14	0 54	10 39	0 40	25 38	2 55	22 12	0 49	19 9	1 6	10 52	1 27	16 47	0 43	10 48	1 42	4 51	14 1	0 30	1 0	28 36	10 27	0 20
S 22	12 15	1n11	0n19	11 33	0 30	25 47	2 58	22 20	0 49	19 8	1 6	10 50	1 27	16 47	0 43	10 49	1 42	4 52	14 1	0 30	1 2	28 36	10 29	0 20
S 23	12 35	7 44	1 33	12 27	0 20	25 55	3 0	22 27	0 50	19 6	1 6	10 49	1 28	16 47	0 43	10 50	1 42	4 52	14 1	0 30	1 3	28 36	10 30	0 19
M24	12 54	14 5	2 43	13 19	0 10	26 3	3 2	22 34	0 50	19 5	1 6	10 47	1 28	16 47	0 43	10 51	1 42	4 53	14 1	0 31	1 4	28 36	10 31	0 19
T 25	13 14	19 49	3 44	14 12	0n 1	26 10	3 4	22 40	0 50	19 4	1 6	10 45	1 28	16 47	0 43	10 52	1 42	4 53	14 0	0 33	1 5	28 36	10 32	0 19
W26	13 34	24 26	4 31	15 3	0 11	26 16	3 6	22 47	0 51	19 2	1 6	10 44	1 28	16 47	0 43	10 52	1 42	4 54	14 0	0 35	1 7	28 35	10 34	0 19
T 27	13 53	27 29	5 0	15 53	0 22	26 22	3 8	22 53	0 51	19 1	1 6	10 42	1 28	16 46	0 43	10 53	1 42	4 54	14 0	0 37	1 8	28 35	10 35	0 19
F 28	14 12	28 37	5 10	16 42	0 33	26 27	3 10	22 59	0 51	19 0	1 6	10 41	1 29	16 46	0 43	10 54	1 43	4 54	14 0	0 40	1 9	28 35	10 36	0 19
S 29	14 30	27 45	4 59	17 29	0 43	26 32	3 12	23 5	0 52	18 58	1 6	10 39	1 29	16 46	0 43	10 55	1 43	4 55	14 0	0 41	1 10	28 35	10 38	0 19
S 30	14n49	25n 2	4n30	18n15	0n54	26n35	3n13	23n10	0n52	18s57	1n 6	10s38	1s29	16n46	0n43	10n55	1s43	4n55	14s 0	0s42	1s12	28s35	10n39	0n19

Julian Day Number = 2406345.5, Delta T = -1.72 sec
Ecliptic obliquity = 23°27'29, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°00'44, Lahiri = 22°07'44

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ASTRODIENST EPHEMERIS for the year 1876
geocentric

MAY 1876 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 37 3	10♉56'15	11♌46	20♉45	26♊19	13♊10	29°R12	6♓15	15♌53	3♉ 3	22♉50	28°D14	26♓57	1♑19	26♈54	M 1
T 2	14 41 0	11°54'24	25°32	22°48	27°18	13°50	29♏ 5	6°19	15°53	3° 6	22°51	28♓14	26°53	1°26	26°57	T 2
W 3	14 44 56	12°52'32	9♍ 1	24°50	28°18	14°30	28°58	6°24	15°54	3° 8	22°52	28°16	26°50	1°32	27° 1	W 3
T 4	14 48 53	13°50'37	22°14	26°50	29°16	15°10	28°51	6°28	15°54	3°10	22°54	28°R17	26°47	1°39	27° 5	T 4
F 5	14 52 49	14°48'40	5♎13	28°47	0♋15	15°50	28°44	6°32	15°55	3°12	22°55	28°16	26°44	1°46	27° 8	F 5
S 6	14 56 46	15°46'42	18° 0	0♊41	1°13	16°30	28°36	6°36	15°56	3°15	22°56	28°15	26°41	1°52	27°12	S 6
S 7	15 0 42	16°44'42	0♏36	2°33	2°10	17°10	28°29	6°40	15°56	3°17	22°58	28°11	26°38	1°59	27°16	S 7
M 8	15 4 39	17°42'40	13° 2	4°22	3° 7	17°49	28°22	6°44	15°57	3°19	22°59	28° 4	26°34	2° 6	27°19	M 8
T 9	15 8 35	18°40'37	25°19	6° 8	4° 3	18°29	28°14	6°48	15°58	3°21	23° 0	27°56	26°31	2°13	27°23	T 9
W10	15 12 32	19°38'32	7♐27	7°50	4°59	19° 9	28° 7	6°51	15°59	3°23	23° 2	27°47	26°28	2°19	27°26	W10
T 11	15 16 29	20°36'26	19°28	9°29	5°55	19°49	28° 0	6°55	16° 0	3°26	23° 3	27°37	26°25	2°26	27°30	T 11
F 12	15 20 25	21°34'18	1♑23	11° 5	6°50	20°28	27°52	6°59	16° 1	3°28	23° 4	27°27	26°22	2°33	27°33	F 12
S 13	15 24 22	22°32'09	13°16	12°37	7°44	21° 8	27°44	7° 2	16° 2	3°30	23° 6	27°19	26°18	2°40	27°37	S 13
S 14	15 28 18	23°29'59	25° 8	14° 6	8°38	21°48	27°37	7° 5	16° 3	3°32	23° 7	27°13	26°15	2°46	27°40	S 14
M15	15 32 15	24°27'47	7♒ 4	15°31	9°31	22°27	27°29	7° 9	16° 4	3°34	23° 8	27° 9	26°12	2°53	27°44	M15
T 16	15 36 11	25°25'34	19° 7	16°52	10°23	23° 7	27°22	7°12	16° 5	3°36	23°10	27° 8	26° 9	3° 0	27°47	T 16
W17	15 40 8	26°23'20	1♓24	18°10	11°15	23°46	27°14	7°15	16° 6	3°39	23°11	27°D 8	26° 6	3° 6	27°51	W17
T 18	15 44 4	27°21'05	13°58	19°24	12° 6	24°26	27° 6	7°18	16° 8	3°41	23°13	27° 8	26° 3	3°13	27°54	T 18
F 19	15 48 1	28°18'49	26°54	20°34	12°57	25° 5	26°59	7°21	16° 9	3°43	23°14	27°R 9	25°59	3°20	27°57	F 19
S 20	15 51 58	29°16'32	10♈17	21°40	13°47	25°45	26°51	7°24	16°11	3°45	23°15	27° 8	25°56	3°27	28° 1	S 20
S 21	15 55 54	0♊14'14	24° 8	22°43	14°36	26°24	26°43	7°27	16°12	3°47	23°17	27° 5	25°53	3°33	28° 4	S 21
M22	15 59 51	1°11'54	8♉27	23°41	15°24	27° 4	26°36	7°29	16°13	3°49	23°18	27° 0	25°50	3°40	28° 7	M22
T 23	16 3 47	2° 9'34	23°10	24°35	16°11	27°43	26°28	7°32	16°15	3°51	23°19	26°53	25°47	3°47	28°11	T 23
W24	16 7 44	3° 7'12	8♊10	25°25	16°58	28°23	26°21	7°34	16°17	3°53	23°21	26°43	25°43	3°53	28°14	W24
T 25	16 11 40	4° 4'49	23°18	26°11	17°44	29° 2	26°13	7°37	16°18	3°55	23°22	26°34	25°40	4° 0	28°17	T 25
F 26	16 15 37	5° 2'25	8♋23	26°53	18°29	29°41	26° 6	7°39	16°20	3°57	23°23	26°24	25°37	4° 7	28°20	F 26
S 27	16 19 34	6° 0'00	23°17	27°30	19°13	0♋21	25°58	7°41	16°22	3°59	23°25	26°17	25°34	4°14	28°23	S 27
S 28	16 23 30	6°57'33	7♌51	28° 3	19°56	1° 0	25°51	7°43	16°24	4° 1	23°26	26°12	25°31	4°20	28°26	S 28
M29	16 27 27	7°55'05	22° 3	28°32	20°38	1°39	25°43	7°45	16°25	4° 3	23°27	26° 9	25°28	4°27	28°30	M29
T 30	16 31 23	8°52'35	5♍50	28°55	21°19	2°18	25°36	7°47	16°27	4° 5	23°29	26°D 8	25°24	4°34	28°33	T 30
W31	16 35 20	9♊50'04	19♍14	29♊15	21♋59	2♋58	25♏29	7♓49	16♌29	4♉ 7	23♉30	26°R 8	25♓21	4♑41	28♈36	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n 7	20n52	3n45	18n59	1n 4	26n39	3n15	23n16	0n53	18s55	1n 6	10s36	1s29	16n46	0n42	10n56	1s43	4n56	14s 0	0s42	1s13	28s35	10n40	0n19
T 2	15 25	15 39	2 48	19 40	1 14	26 42	3 16	23 21	0 53	18 54	1 6	10 35	1 29	16 46	0 42	10 57	1 43	4 56	14 0	0 42	1 14	28 35	10 41	0 19
W 3	15 43	9 47	1 42	20 20	1 23	26 44	3 17	23 26	0 53	18 52	1 6	10 33	1 30	16 46	0 42	10 58	1 43	4 56	14 0	0 42	1 16	28 35	10 43	0 19
T 4	16 0	3 35	0 33	20 57	1 32	26 45	3 18	23 31	0 54	18 51	1 6	10 32	1 30	16 45	0 42	10 58	1 43	4 57	14 0	0 41	1 17	28 34	10 44	0 19
F 5	16 18	2s39	0s37	21 32	1 40	26 46	3 19	23 36	0 54	18 49	1 6	10 31	1 30	16 45	0 42	10 59	1 43	4 57	14 0	0 41	1 18	28 34	10 45	0 19
S 6	16 35	8 40	1 44	22 4	1 48	26 47	3 20	23 40	0 54	18 48	1 6	10 29	1 30	16 45	0 42	11 0	1 43	4 58	13 59	0 42	1 19	28 34	10 46	0 19
S 7	16 51	14 16	2 45	22 34	1 55	26 47	3 20	23 45	0 55	18 46	1 6	10 28	1 30	16 45	0 42	11 1	1 43	4 58	13 59	0 44	1 21	28 34	10 48	0 18
M 8	17 8	19 12	3 37	23 1	2 1	26 46	3 21	23 49	0 55	18 45	1 6	10 27	1 31	16 44	0 42	11 1	1 43	4 58	13 59	0 46	1 22	28 34	10 49	0 18
T 9	17 24	23 16	4 18	23 26	2 7	26 45	3 21	23 53	0 55	18 43	1 6	10 26	1 31	16 44	0 42	11 2	1 43	4 59	13 59	0 49	1 23	28 34	10 50	0 18
W10	17 39	26 17	4 46	23 48	2 12	26 43	3 21	23 56	0 56	18 42	1 5	10 24	1 31	16 44	0 42	11 3	1 43	4 59	13 59	0 53	1 24	28 33	10 51	0 18
T 11	17 55	28 4	5 2	24 8	2 16	26 41	3 21	24 0	0 56	18 40	1 5	10 23	1 31	16 43	0 42	11 3	1 43	4 59	13 59	0 57	1 26	28 33	10 52	0 18
F 12	18 10	28 31	5 4	24 25	2 19	26 38	3 21	24 3	0 56	18 38	1 5	10 22	1 31	16 43	0 42	11 4	1 43	5 0	13 59	1 1	1 27	28 33	10 54	0 18
S 13	18 25	27 40	4 54	24 40	2 22	26 34	3 21	24 6	0 57	18 37	1 5	10 21	1 32	16 43	0 42	11 5	1 43	5 0	13 59	1 4	1 28	28 33	10 55	0 18
S 14	18 40	25 33	4 30	24 53	2 23	26 31	3 20	24 9	0 57	18 35	1 5	10 20	1 32	16 42	0 42	11 6	1 43	5 0	13 59	1 6	1 29	28 32	10 56	0 18
M15	18 54	22 18	3 55	25 3	2 24	26 26	3 20	24 12	0 57	18 33	1 5	10 19	1 32	16 42	0 42	11 6	1 43	5 1	13 59	1 8	1 31	28 32	10 57	0 18
T 16	19 8	18 5	3 9	25 12	2 24	26 21	3 19	24 14	0 57	18 32	1 5	10 18	1 32	16 42	0 42	11 7	1 43	5 1	13 59	1 9	1 32	28 32	10 58	0 18
W17	19 22	13 4	2 13	25 18	2 23	26 16	3 18	24 16	0 58	18 30	1 5	10 17	1 32	16 41	0 42	11 8	1 43	5 1	13 59	1 9	1 33	28 32	11 0	0 18
T 18	19 35	7 23	1 10	25 22	2 21	26 10	3 17	24 18	0 58	18 28	1 5	10 16	1 33	16 41	0 42	11 8	1 43	5 2	13 59	1 8	1 34	28 31	11 1	0 18
F 19	19 48	1 15	0 1	25 25	2 18	26 4	3 15	24 20	0 58	18 27	1 5	10 15	1 33	16 40	0 42	11 9	1 43	5 2	13 59	1 8	1 36	28 31	11 2	0 18
S 20	20 1	5n 8	1n10	25 25	2 14	25 57	3 14	24 22	0 59	18 25	1 5	10 14	1 33	16 40	0 42	11 10	1 43	5 2	13 59	1 8	1 37	28 31	11 3	0 18
S 21	20 13	11 31	2 19	25 25	2 9	25 50	3 12	24 23	0 59	18 24	1 5	10 14	1 33	16 40	0 42	11 10	1 43	5 3	13 59	1 10	1 38	28 30	11 4	0 18
M22	20 25	17 30	3 21	25 22	2 4	25 43	3 10	24 25	0 59	18 22	1 4	10 13	1 33	16 39	0 42	11 11	1 43	5 3	13 59	1 12	1 40	28 30	11 5	0 17
T 23	20 37	22 38	4 12	25 18	1 57	25 35	3 8	24 26	0 59	18 20	1 4	10 12	1 34	16 39	0 42	11 12	1 43	5 3	13 59	1 15	1 41	28 30	11 6	0 17
W24	20 48	26 24	4 47	25 12	1 50	25 27	3 5	24 26	1 0	18 19	1 4	10 11	1 34	16 38	0 42	11 12	1 43	5 4	13 59	1 18	1 42	28 30	11 7	0 17
T 25	20 59	28 19	5 2	25 6	1 42	25 18	3 3	24 27	1 0	18 17	1 4	10 11	1 34	16 37	0 42	11 13	1 43	5 4	13 59	1 22	1 43	28 29	11 8	0 17
F 26	21 9	28 7	4 56	24 58	1 32	25 9	3 0	24 28	1 0	18 15	1 4	10 10	1 34	16 37	0 42	11 14	1 43	5 4	13 59	1 26	1 45	28 29	11 10	0 17
S 27	21 20	25 53	4 30	24 48	1 22	25 0	2 57	24 28	1 0	18 14	1 4	10 9	1 35	16 36	0 42	11 14	1 43	5 4	13 59	1 29	1 46	28 28	11 11	0 17
S 28	21 29	21 58	3 47	24 38	1 11	24 50	2 53	24 28	1 1	18 12	1 4	10 9	1 35	16 36	0 42	11 15	1 43	5 5	13 59	1 31	1 47	28 28	11 12	0 17
M29	21 39	16 51	2 50	24 27	1 0	24 40	2 50	24 28	1 1	18 11	1 4	10 8	1 35	16 35	0 42	11 16	1 43	5 5	13 59	1 32	1 48	28 28	11 13	0 17
T 30	21 48	11 1	1 45	24 14	0 47	24 30	2 46	24 27	1 1	18 9	1 3	10 8	1 35	16 35	0 42	11 16	1 43	5 5	13 59	1 32	1 50	28 27	11 14	0 17
W31	21n57	4n50	0n37	24n 1	0n34	24n19	2n42	24n27	1n 1	18s 7	1n 3	10s 7	1s35	16n34	0n42	11n17	1s43	5n 5	13s59	1s32	1s51	28s27	11n15	0n17

Julian Day Number = 2406375.5, Delta T = -1.75 sec
Ecliptic obliquity = 23°27'28, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°00'48, Lahiri = 22°07'48

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ASTRODIENST EPHEMERIS for the year 1876
geocentric

JUNE 1876 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 39 16	10♊47'32	2♎17	29♊29	22♋38	3♋37	25°R22	7♓51	16♎31	4♉ 9	23♉31	26°R 8	25♓18	4♑47	28♈39	T 1
F 2	16 43 13	11°44'58	15° 3	29°39	23°16	4°16	25♏15	7°52	16°33	4°11	23°32	26♓ 7	25°15	4°54	28°42	F 2
S 3	16 47 9	12°42'23	27°36	29°45	23°52	4°55	25° 8	7°54	16°35	4°13	23°34	26° 3	25°12	5° 1	28°45	S 3
S 4	16 51 6	13°39'47	9♏57	29°R45	24°27	5°34	25° 1	7°55	16°37	4°14	23°35	25°57	25° 9	5° 7	28°47	S 4
M 5	16 55 3	14°37'11	22° 9	29°42	25° 1	6°13	24°54	7°57	16°40	4°16	23°36	25°48	25° 5	5°14	28°50	M 5
T 6	16 58 59	15°34'33	4♐15	29°34	25°34	6°52	24°47	7°58	16°42	4°18	23°38	25°36	25° 2	5°21	28°53	T 6
W 7	17 2 56	16°31'54	16°15	29°21	26° 5	7°31	24°40	7°59	16°44	4°20	23°39	25°23	24°59	5°28	28°56	W 7
T 8	17 6 52	17°29'15	28°11	29° 5	26°34	8°10	24°34	8° 0	16°46	4°22	23°40	25°10	24°56	5°34	28°59	T 8
F 9	17 10 49	18°26'34	10♑ 3	28°45	27° 2	8°49	24°27	8° 1	16°49	4°23	23°41	24°57	24°53	5°41	29° 2	F 9
S 10	17 14 45	19°23'54	21°55	28°22	27°29	9°28	24°21	8° 2	16°51	4°25	23°43	24°45	24°50	5°48	29° 4	S 10
S 11	17 18 42	20°21'12	3♒48	27°55	27°54	10° 7	24°15	8° 3	16°53	4°27	23°44	24°36	24°46	5°54	29° 7	S 11
M12	17 22 38	21°18'30	15°44	27°26	28°17	10°46	24° 9	8° 3	16°56	4°28	23°45	24°29	24°43	6° 1	29° 9	M12
T 13	17 26 35	22°15'48	27°48	26°55	28°39	11°25	24° 3	8° 4	16°58	4°30	23°46	24°26	24°40	6° 8	29°12	T 13
W14	17 30 32	23°13'05	10♓ 3	26°22	28°58	12° 4	23°57	8° 4	17° 1	4°32	23°48	24°24	24°37	6°15	29°15	W14
T 15	17 34 28	24°10'21	22°35	25°49	29°16	12°43	23°51	8° 5	17° 3	4°33	23°49	24°24	24°34	6°21	29°17	T 15
F 16	17 38 25	25° 7'38	5♈28	25°15	29°32	13°22	23°45	8° 5	17° 6	4°35	23°50	24°24	24°30	6°28	29°20	F 16
S 17	17 42 21	26° 4'54	18°46	24°41	29°46	14° 1	23°40	8° 5	17° 9	4°37	23°51	24°23	24°27	6°35	29°22	S 17
S 18	17 46 18	27° 2'10	2♉32	24° 7	29°58	14°40	23°34	8°R 5	17°11	4°38	23°52	24°19	24°24	6°42	29°24	S 18
M19	17 50 14	27°59'26	16°48	23°35	0♌ 8	15°18	23°29	8° 5	17°14	4°40	23°53	24°14	24°21	6°48	29°27	M19
T 20	17 54 11	28°56'42	1♊31	23° 5	0°15	15°57	23°24	8° 5	17°17	4°41	23°55	24° 6	24°18	6°55	29°29	T 20
W21	17 58 7	29°53'57	16°36	22°37	0°21	16°36	23°19	8° 5	17°19	4°43	23°56	23°56	24°15	7° 2	29°31	W21
T 22	18 2 4	0♋51'12	1♋53	22°12	0°24	17°15	23°14	8° 4	17°22	4°44	23°57	23°45	24°11	7° 8	29°33	T 22
F 23	18 6 1	1°48'27	17°11	21°50	0°R25	17°53	23°10	8° 4	17°25	4°46	23°58	23°35	24° 8	7°15	29°36	F 23
S 24	18 9 57	2°45'42	2♌18	21°32	0°24	18°32	23° 5	8° 4	17°28	4°47	23°59	23°26	24° 5	7°22	29°38	S 24
S 25	18 13 54	3°42'56	17° 6	21°18	0°20	19°11	23° 1	8° 3	17°31	4°48	24° 0	23°20	24° 2	7°29	29°40	S 25
M26	18 17 50	4°40'09	1♍29	21° 7	0°14	19°50	22°57	8° 2	17°34	4°50	24° 1	23°17	23°59	7°35	29°42	M26
T 27	18 21 47	5°37'22	15°23	21° 2	0° 6	20°28	22°53	8° 1	17°37	4°51	24° 2	23°15	23°56	7°42	29°44	T 27
W28	18 25 43	6°34'34	28°51	21°D 1	29♋55	21° 7	22°49	8° 0	17°40	4°52	24° 3	23°D15	23°52	7°49	29°46	W28
T 29	18 29 40	7°31'46	11♎54	21° 5	29°42	21°45	22°45	7°59	17°43	4°54	24° 4	23°R15	23°49	7°55	29°48	T 29
F 30	18 33 36	8♋28'58	24♎37	21♊13	29♋26	22♋24	22♏42	7♓58	17♎46	4♉55	24♉ 5	23♓14	23♓46	8♑ 2	29♈50	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 5	1s24	0s33	23n47	0n20	24n 8	2n37	24n26	1n 2	18s 6	1n 3	10s 7	1s36	16n33	0n41	11n18	1s43	5n 6	13s59	1s32	1s52	28s27	11n16	0n17
F 2	22 13	7 27	1 38	23 32	0 5	23 57	2 32	24 25	1 2	18 4	1 3	10 6	1 36	16 33	0 41	11 18	1 43	5 6	13 59	1 33	1 53	28 26	11 17	0 17
S 3	22 20	13 5	2 38	23 17	0s11	23 46	2 28	24 24	1 2	18 3	1 3	10 6	1 36	16 32	0 41	11 19	1 43	5 6	13 59	1 34	1 55	28 26	11 18	0 17
S 4	22 27	18 7	3 29	23 1	0 27	23 35	2 22	24 23	1 2	18 1	1 3	10 6	1 36	16 31	0 41	11 19	1 43	5 6	14 0	1 37	1 56	28 25	11 19	0 17
M 5	22 34	22 21	4 10	22 44	0 43	23 23	2 17	24 21	1 2	18 0	1 2	10 5	1 37	16 31	0 41	11 20	1 43	5 7	14 0	1 40	1 57	28 25	11 20	0 17
T 6	22 41	25 35	4 39	22 28	1 0	23 11	2 11	24 19	1 3	17 58	1 2	10 5	1 37	16 30	0 41	11 20	1 43	5 7	14 0	1 45	1 58	28 24	11 21	0 16
W 7	22 47	27 39	4 56	22 11	1 17	22 59	2 5	24 17	1 3	17 57	1 2	10 5	1 37	16 29	0 41	11 21	1 43	5 7	14 0	1 50	2 0	28 24	11 22	0 16
T 8	22 52	28 26	4 59	21 53	1 34	22 47	1 58	24 15	1 3	17 55	1 2	10 5	1 37	16 29	0 41	11 22	1 43	5 7	14 0	1 55	2 1	28 24	11 22	0 16
F 9	22 57	27 53	4 49	21 36	1 51	22 35	1 51	24 13	1 3	17 54	1 2	10 5	1 38	16 28	0 41	11 22	1 44	5 8	14 0	2 1	2 2	28 23	11 23	0 16
S 10	23 2	26 4	4 27	21 19	2 8	22 23	1 44	24 10	1 3	17 53	1 2	10 4	1 38	16 27	0 41	11 23	1 44	5 8	14 0	2 5	2 3	28 23	11 24	0 16
S 11	23 6	23 6	3 53	21 2	2 25	22 11	1 37	24 8	1 4	17 51	1 1	10 4	1 38	16 26	0 41	11 23	1 44	5 8	14 0	2 9	2 5	28 22	11 25	0 16
M12	23 10	19 8	3 9	20 45	2 41	21 58	1 29	24 5	1 4	17 50	1 1	10 4	1 38	16 26	0 41	11 24	1 44	5 8	14 0	2 11	2 6	28 22	11 26	0 16
T 13	23 14	14 22	2 16	20 29	2 57	21 46	1 21	24 2	1 4	17 49	1 1	10 4	1 38	16 25	0 41	11 24	1 44	5 8	14 0	2 13	2 7	28 21	11 27	0 16
W14	23 17	8 58	1 15	20 13	3 11	21 34	1 12	23 58	1 4	17 47	1 1	10 4	1 39	16 24	0 41	11 25	1 44	5 8	14 0	2 14	2 8	28 21	11 28	0 16
T 15	23 20	3 6	0 10	19 58	3 26	21 21	1 4	23 55	1 4	17 46	1 1	10 4	1 39	16 23	0 41	11 25	1 44	5 9	14 1	2 14	2 10	28 20	11 29	0 16
F 16	23 22	3n 4	0n58	19 44	3 38	21 9	0 54	23 51	1 4	17 45	1 0	10 5	1 39	16 23	0 41	11 26	1 44	5 9	14 1	2 14	2 11	28 20	11 29	0 16
S 17	23 24	9 17	2 5	19 31	3 50	20 57	0 45	23 48	1 5	17 44	1 0	10 5	1 39	16 22	0 41	11 26	1 44	5 9	14 1	2 14	2 12	28 19	11 30	0 16
S 18	23 25	15 17	3 7	19 19	4 1	20 44	0 35	23 43	1 5	17 43	1 0	10 5	1 40	16 21	0 41	11 27	1 44	5 9	14 1	2 15	2 14	28 19	11 31	0 16
M19	23 27	20 41	3 59	19 8	4 10	20 32	0 25	23 39	1 5	17 42	1 0	10 5	1 40	16 20	0 41	11 27	1 44	5 9	14 1	2 18	2 15	28 18	11 32	0 16
T 20	23 27	25 1	4 38	18 59	4 18	20 20	0 14	23 35	1 5	17 41	1 0	10 5	1 40	16 19	0 41	11 28	1 44	5 9	14 1	2 21	2 16	28 17	11 32	0 16
W21	23 27	27 43	4 58	18 51	4 24	20 8	0 3	23 30	1 5	17 40	0 59	10 6	1 40	16 18	0 41	11 28	1 44	5 9	14 1	2 25	2 17	28 17	11 33	0 16
T 22	23 27	28 24	4 57	18 45	4 29	19 56	0s 9	23 26	1 5	17 39	0 59	10 6	1 41	16 17	0 41	11 28	1 44	5 10	14 1	2 29	2 19	28 16	11 34	0 15
F 23	23 27	26 54	4 36	18 40	4 33	19 45	0 20	23 21	1 6	17 38	0 59	10 6	1 41	16 17	0 41	11 29	1 44	5 10	14 2	2 33	2 20	28 16	11 35	0 15
S 24	23 26	23 28	3 55	18 37	4 35	19 33	0 32	23 16	1 6	17 37	0 59	10 7	1 41	16 16	0 41	11 29	1 44	5 10	14 2	2 36	2 21	28 15	11 35	0 15
S 25	23 24	18 33	2 59	18 35	4 36	19 22	0 45	23 10	1 6	17 36	0 58	10 7	1 41	16 15	0 41	11 30	1 44	5 10	14 2	2 39	2 22	28 15	11 36	0 15
M26	23 23	12 42	1 52	18 35	4 35	19 11	0 57	23 5	1 6	17 35	0 58	10 8	1 41	16 14	0 41	11 30	1 44	5 10	14 2	2 40	2 24	28 14	11 37	0 15
T 27	23 20	6 24	0 42	18 37	4 33	19 0	1 10	22 59	1 6	17 34	0 58	10 8	1 42	16 13	0 41	11 31	1 44	5 10	14 2	2 41	2 25	28 13	11 37	0 15
W28	23 18	0 0	0s30	18 40	4 30	18 49	1 24	22 53	1 6	17 34	0 58	10 9	1 42	16 12	0 41	11 31	1 44	5 10	14 2	2 41	2 26	28 13	11 38	0 15
T 29	23 15	6s12	1 37	18 45	4 25	18 39	1 37	22 47	1 6	17 33	0 58	10 9	1 42	16 11	0 41	11 31	1 44	5 10	14 3	2 41	2 27	28 12	11 39	0 15
F 30	23n11	11s59	2s38	18n51	4s19	18n29	1s51	22n41	1n 7	17s32	0n57	10s10	1s42	16n10	0n41	11n32	1s44	5n10	14s 3	2s41	2s29	28s12	11n39	0n15

Julian Day Number = 2406406.5, Delta T = -1.79 sec
Ecliptic obliquity = 23°27'28, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°00'52, Lahiri = 22°07'53

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ASTRODIENST EPHEMERIS for the year 1876
geocentric

JULY 1876 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 37 33	9♋26'09	7♏ 2	21♊27	29°R 8	23♋ 3	22°R38	7°R57	17♌49	4♉56	24♉ 6	23°R11	23♓43	8♑ 9	29♈51	S 1
S 2	18 41 30	10°23'20	19°16	21°46	28♋48	23°41	22♏35	7♓56	17°52	4°57	24° 7	23♓ 6	23°40	8°16	29°53	S 2
M 3	18 45 26	11°20'31	1♐20	22° 9	28°25	24°20	22°32	7°54	17°55	4°58	24° 8	22°58	23°36	8°22	29°55	M 3
T 4	18 49 23	12°17'42	13°18	22°38	28° 1	24°58	22°29	7°53	17°58	4°59	24° 9	22°47	23°33	8°29	29°56	T 4
W 5	18 53 19	13°14'52	25°13	23°11	27°34	25°37	22°27	7°51	18° 2	5° 1	24°10	22°35	23°30	8°36	29°58	W 5
T 6	18 57 16	14°12'03	7♑ 5	23°50	27° 5	26°15	22°24	7°50	18° 5	5° 2	24°11	22°23	23°27	8°42	29°59	T 6
F 7	19 1 12	15° 9'14	18°58	24°33	26°35	26°54	22°22	7°48	18° 8	5° 3	24°12	22°11	23°24	8°49	0♉ 1	F 7
S 8	19 5 9	16° 6'25	0♒51	25°22	26° 3	27°32	22°20	7°46	18°11	5° 4	24°13	22° 0	23°21	8°56	0° 3	S 8
S 9	19 9 6	17° 3'36	12°48	26°15	25°30	28°11	22°18	7°44	18°15	5° 5	24°14	21°52	23°17	9° 3	0° 4	S 9
M10	19 13 2	18° 0'47	24°50	27°12	24°55	28°49	22°16	7°42	18°18	5° 6	24°15	21°46	23°14	9° 9	0° 5	M10
T 11	19 16 59	18°57'59	6♓58	28°15	24°19	29°28	22°14	7°40	18°21	5° 6	24°16	21°43	23°11	9°16	0° 7	T 11
W12	19 20 55	19°55'11	19°18	29°22	23°43	0♌ 6	22°13	7°38	18°25	5° 7	24°17	21°D42	23° 8	9°23	0° 8	W12
T 13	19 24 52	20°52'23	1♈52	0♋33	23° 6	0°45	22°12	7°35	18°28	5° 8	24°17	21°42	23° 5	9°30	0° 9	T 13
F 14	19 28 48	21°49'37	14°45	1°49	22°28	1°23	22°11	7°33	18°32	5° 9	24°18	21°43	23° 2	9°36	0°10	F 14
S 15	19 32 45	22°46'51	27°59	3°10	21°51	2° 2	22°10	7°30	18°35	5°10	24°19	21°R43	22°58	9°43	0°11	S 15
S 16	19 36 41	23°44'05	11♉39	4°35	21°14	2°40	22° 9	7°28	18°38	5°11	24°20	21°41	22°55	9°50	0°12	S 16
M17	19 40 38	24°41'21	25°46	6° 4	20°37	3°18	22° 9	7°25	18°42	5°11	24°21	21°38	22°52	9°56	0°13	M17
T 18	19 44 35	25°38'37	10♊19	7°37	20° 0	3°57	22° 8	7°22	18°45	5°12	24°21	21°32	22°49	10° 3	0°14	T 18
W19	19 48 31	26°35'54	25°13	9°14	19°25	4°35	22°D 8	7°20	18°49	5°13	24°22	21°25	22°46	10°10	0°15	W19
T 20	19 52 28	27°33'12	10♋23	10°55	18°50	5°14	22° 8	7°17	18°53	5°13	24°23	21°17	22°42	10°17	0°16	T 20
F 21	19 56 24	28°30'30	25°37	12°39	18°17	5°52	22° 8	7°14	18°56	5°14	24°23	21°10	22°39	10°23	0°17	F 21
S 22	20 0 21	29°27'49	10♌45	14°27	17°45	6°30	22° 9	7°11	19° 0	5°15	24°24	21° 3	22°36	10°30	0°17	S 22
S 23	20 4 17	0♌25'09	25°37	16°18	17°15	7° 9	22° 9	7° 8	19° 3	5°15	24°25	20°59	22°33	10°37	0°18	S 23
M24	20 8 14	1°22'29	10♍ 6	18°12	16°47	7°47	22°10	7° 4	19° 7	5°16	24°25	20°56	22°30	10°43	0°19	M24
T 25	20 12 10	2°19'49	24° 8	20° 8	16°20	8°25	22°11	7° 1	19°10	5°16	24°26	20°D56	22°27	10°50	0°19	T 25
W26	20 16 7	3°17'10	7♎43	22° 7	15°56	9° 4	22°12	6°58	19°14	5°17	24°27	20°57	22°23	10°57	0°20	W26
T 27	20 20 4	4°14'31	20°51	24° 7	15°33	9°42	22°14	6°54	19°18	5°17	24°27	20°58	22°20	11° 4	0°20	T 27
F 28	20 24 0	5°11'53	3♏36	26°10	15°13	10°20	22°15	6°51	19°21	5°17	24°28	20°R59	22°17	11°10	0°21	F 28
S 29	20 27 57	6° 9'16	16° 2	28°13	14°55	10°58	22°17	6°47	19°25	5°18	24°28	20°58	22°14	11°17	0°21	S 29
S 30	20 31 53	7° 6'39	28°13	0♌18	14°40	11°37	22°19	6°44	19°29	5°18	24°29	20°56	22°11	11°24	0°21	S 30
M31	20 35 50	8♌ 4'02	10♐15	2♌23	14♋26	12♌15	22♏21	6♓40	19♌32	5♉18	24♉29	20♓52	22♓ 8	11♑30	0♉21	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 7	17s10	3s30	18n59	4s13	18n19	2s 5	22n35	1n 7	17s32	0n57	10s11	1s43	16n 9	0n41	11n32	1s45	5n10	14s 3	2s42	2s30	28s11	11n40	0n15
S 2	23 3	21 35	4 11	19 7	4 5	18 9	2 19	22 28	1 7	17 31	0 57	10 11	1 43	16 8	0 41	11 32	1 45	5 10	14 3	2 45	2 31	28 10	11 40	0 15
M 3	22 58	25 1	4 40	19 17	3 57	18 0	2 33	22 22	1 7	17 30	0 57	10 12	1 43	16 7	0 41	11 33	1 45	5 10	14 3	2 48	2 32	28 10	11 41	0 15
T 4	22 53	27 20	4 57	19 28	3 47	17 51	2 47	22 15	1 7	17 30	0 56	10 13	1 43	16 6	0 41	11 33	1 45	5 10	14 3	2 52	2 34	28 9	11 41	0 15
W 5	22 48	28 23	5 1	19 40	3 37	17 42	3 2	22 8	1 7	17 30	0 56	10 14	1 43	16 5	0 41	11 33	1 45	5 11	14 4	2 57	2 35	28 8	11 42	0 15
T 6	22 42	28 7	4 52	19 53	3 26	17 33	3 16	22 1	1 7	17 29	0 56	10 15	1 44	16 4	0 41	11 34	1 45	5 11	14 4	3 2	2 36	28 8	11 42	0 15
F 7	22 36	26 34	4 30	20 6	3 15	17 25	3 30	21 54	1 7	17 29	0 56	10 15	1 44	16 3	0 41	11 34	1 45	5 11	14 4	3 6	2 37	28 7	11 43	0 14
S 8	22 29	23 49	3 56	20 19	3 3	17 17	3 44	21 46	1 7	17 28	0 55	10 16	1 44	16 2	0 41	11 34	1 45	5 11	14 4	3 10	2 39	28 6	11 43	0 14
S 9	22 22	20 2	3 11	20 33	2 51	17 10	3 58	21 39	1 7	17 28	0 55	10 17	1 44	16 1	0 41	11 34	1 45	5 11	14 4	3 14	2 40	28 5	11 44	0 14
M10	22 15	15 25	2 18	20 47	2 38	17 3	4 11	21 31	1 8	17 28	0 55	10 18	1 45	16 0	0 41	11 35	1 45	5 11	14 5	3 16	2 41	28 5	11 44	0 14
T 11	22 7	10 10	1 18	21 1	2 25	16 56	4 24	21 23	1 8	17 28	0 55	10 19	1 45	15 59	0 41	11 35	1 45	5 11	14 5	3 17	2 42	28 4	11 44	0 14
W12	21 59	4 26	0 13	21 15	2 12	16 50	4 37	21 15	1 8	17 28	0 54	10 20	1 45	15 58	0 41	11 35	1 45	5 11	14 5	3 18	2 44	28 3	11 45	0 14
T 13	21 50	1n34	0n54	21 29	1 59	16 44	4 49	21 7	1 8	17 28	0 54	10 21	1 45	15 57	0 41	11 35	1 45	5 11	14 5	3 18	2 45	28 2	11 45	0 14
F 14	21 41	7 39	2 0	21 42	1 45	16 38	5 1	20 58	1 8	17 28	0 54	10 22	1 45	15 56	0 41	11 36	1 45	5 11	14 5	3 17	2 46	28 2	11 46	0 14
S 15	21 32	13 35	3 1	21 54	1 31	16 33	5 12	20 50	1 8	17 28	0 54	10 24	1 46	15 55	0 41	11 36	1 45	5 11	14 6	3 17	2 48	28 1	11 46	0 14
S 16	21 22	19 3	3 54	22 5	1 17	16 28	5 23	20 41	1 8	17 28	0 53	10 25	1 46	15 54	0 41	11 36	1 45	5 10	14 6	3 18	2 49	28 0	11 46	0 14
M17	21 12	23 40	4 35	22 15	1 4	16 23	5 33	20 32	1 8	17 28	0 53	10 26	1 46	15 52	0 41	11 36	1 45	5 10	14 6	3 19	2 50	27 59	11 46	0 14
T 18	21 2	26 57	5 0	22 24	0 50	16 19	5 42	20 23	1 8	17 28	0 53	10 27	1 46	15 51	0 41	11 36	1 46	5 10	14 6	3 21	2 51	27 59	11 47	0 14
W19	20 51	28 27	5 5	22 31	0 37	16 15	5 51	20 14	1 8	17 28	0 53	10 28	1 46	15 50	0 40	11 37	1 46	5 10	14 7	3 24	2 53	27 58	11 47	0 14
T 20	20 40	27 51	4 49	22 37	0 24	16 12	5 59	20 5	1 8	17 28	0 52	10 30	1 47	15 49	0 40	11 37	1 46	5 10	14 7	3 27	2 54	27 57	11 47	0 14
F 21	20 29	25 10	4 13	22 40	0 11	16 9	6 7	19 55	1 8	17 29	0 52	10 31	1 47	15 48	0 40	11 37	1 46	5 10	14 7	3 30	2 55	27 56	11 47	0 14
S 22	20 17	20 44	3 19	22 42	0n 1	16 7	6 13	19 46	1 8	17 29	0 52	10 32	1 47	15 47	0 40	11 37	1 46	5 10	14 7	3 33	2 56	27 55	11 48	0 14
S 23	20 5	15 4	2 12	22 41	0 13	16 4	6 19	19 36	1 9	17 29	0 52	10 33	1 47	15 46	0 40	11 37	1 46	5 10	14 8	3 35	2 58	27 55	11 48	0 13
M24	19 52	8 41	0 58	22 37	0 24	16 3	6 24	19 26	1 9	17 30	0 51	10 35	1 47	15 45	0 40	11 37	1 46	5 10	14 8	3 36	2 59	27 54	11 48	0 13
T 25	19 39	2 4	0s17	22 32	0 35	16 1	6 29	19 17	1 9	17 30	0 51	10 36	1 47	15 44	0 40	11 37	1 46	5 10	14 8	3 36	3 0	27 53	11 48	0 13
W26	19 26	4s26	1 29	22 23	0 45	16 0	6 33	19 6	1 9	17 31	0 51	10 38	1 48	15 42	0 40	11 37	1 46	5 10	14 8	3 36	3 1	27 52	11 48	0 13
T 27	19 13	10 31	2 34	22 12	0 55	16 0	6 36	18 56	1 9	17 31	0 51	10 39	1 48	15 41	0 40	11 38	1 46	5 10	14 8	3 35	3 3	27 51	11 48	0 13
F 28	18 59	16 0	3 30	21 58	1 3	16 0	6 38	18 46	1 9	17 32	0 50	10 41	1 48	15 40	0 40	11 38	1 46	5 10	14 9	3 35	3 4	27 50	11 48	0 13
S 29	18 45	20 41	4 14	21 42	1 11	16 0	6 40	18 36	1 9	17 33	0 50	10 42	1 48	15 39	0 40	11 38	1 46	5 9	14 9	3 35	3 5	27 49	11 48	0 13
S 30	18 31	24 24	4 45	21 23	1 18	16 0	6 41	18 25	1 9	17 33	0 50	10 43	1 48	15 38	0 40	11 38	1 46	5 9	14 9	3 36	3 6	27 49	11 48	0 13
M31	18n16	27s 0	5s 4	21n 1	1n24	16n 1	6s42	18n14	1n 9	17s34	0n50	10s45	1s49	15n37	0n40	11n38	1s46	5n 9	14s 9	3s37	3s 8	27s48	11n48	0n13

Julian Day Number = 2406436.5, Delta T = -1.82 sec
Ecliptic obliquity = 23°27'28, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°00'56, Lahiri = 22°07'57

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ASTRODIENST EPHEMERIS for the year 1876
geocentric

AUGUST 1876 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 39 46	9♌ 1'27	22♐10	4♌28	14°R15	12♌53	22♏23	6°R37	19♌36	5♉18	24♉30	20°R46	22♓ 4	11♑37	0♉21	T 1
W 2	20 43 43	9°58'52	4♑ 2	6°33	14♋ 7	13°32	22°25	6♓33	19°40	5°19	24°30	20♓39	22° 1	11°44	0°22	W 2
T 3	20 47 39	10°56'18	15°54	8°38	14° 1	14°10	22°28	6°29	19°43	5°19	24°31	20°32	21°58	11°51	0°R22	T 3
F 4	20 51 36	11°53'44	27°49	10°43	13°57	14°48	22°30	6°25	19°47	5°19	24°31	20°25	21°55	11°57	0°22	F 4
S 5	20 55 33	12°51'12	9♒48	12°47	13°D56	15°26	22°33	6°21	19°51	5°19	24°32	20°19	21°52	12° 4	0°22	S 5
S 6	20 59 29	13°48'41	21°52	14°50	13°57	16° 5	22°36	6°17	19°55	5°19	24°32	20°14	21°48	12°11	0°21	S 6
M 7	21 3 26	14°46'11	4♓ 4	16°52	14° 0	16°43	22°40	6°13	19°58	5°19	24°32	20°11	21°45	12°17	0°21	M 7
T 8	21 7 22	15°43'41	16°24	18°53	14° 5	17°21	22°43	6° 9	20° 2	5°R19	24°33	20°D10	21°42	12°24	0°21	T 8
W 9	21 11 19	16°41'14	28°56	20°53	14°13	17°59	22°47	6° 5	20° 6	5°19	24°33	20°10	21°39	12°31	0°21	W 9
T 10	21 15 15	17°38'47	11♈41	22°52	14°23	18°37	22°50	6° 1	20° 9	5°19	24°33	20°11	21°36	12°38	0°20	T 10
F 11	21 19 12	18°36'22	24°41	24°49	14°35	19°16	22°54	5°57	20°13	5°19	24°34	20°13	21°33	12°44	0°20	F 11
S 12	21 23 8	19°33'58	7♉59	26°45	14°49	19°54	22°58	5°52	20°17	5°19	24°34	20°14	21°29	12°51	0°20	S 12
S 13	21 27 5	20°31'36	21°37	28°39	15° 5	20°32	23° 3	5°48	20°21	5°19	24°34	20°R15	21°26	12°58	0°19	S 13
M14	21 31 2	21°29'16	5♊35	0♍32	15°23	21°10	23° 7	5°44	20°24	5°19	24°34	20°14	21°23	13° 4	0°19	M14
T 15	21 34 58	22°26'57	19°54	2°24	15°43	21°48	23°12	5°39	20°28	5°18	24°34	20°12	21°20	13°11	0°18	T 15
W16	21 38 55	23°24'40	4♋31	4°14	16° 4	22°27	23°16	5°35	20°32	5°18	24°35	20° 9	21°17	13°18	0°17	W16
T 17	21 42 51	24°22'25	19°21	6° 3	16°28	23° 5	23°21	5°31	20°36	5°18	24°35	20° 5	21°13	13°25	0°17	T 17
F 18	21 46 48	25°20'11	4♌16	7°50	16°53	23°43	23°26	5°26	20°39	5°18	24°35	20° 2	21°10	13°31	0°16	F 18
S 19	21 50 44	26°17'58	19° 9	9°36	17°19	24°21	23°32	5°22	20°43	5°17	24°35	19°59	21° 7	13°38	0°15	S 19
S 20	21 54 41	27°15'47	3♍51	11°20	17°47	24°59	23°37	5°17	20°47	5°17	24°35	19°58	21° 4	13°45	0°14	S 20
M21	21 58 37	28°13'37	18°16	13° 3	18°17	25°38	23°42	5°13	20°51	5°17	24°35	19°D57	21° 1	13°51	0°13	M21
T 22	22 2 34	29°11'29	2♎19	14°45	18°48	26°16	23°48	5° 8	20°54	5°16	24°35	19°57	20°58	13°58	0°12	T 22
W23	22 6 31	0♍ 9'21	15°56	16°26	19°21	26°54	23°54	5° 4	20°58	5°16	24°35	19°58	20°54	14° 5	0°11	W23
T 24	22 10 27	1° 7'16	29° 8	18° 5	19°55	27°32	24° 0	4°59	21° 2	5°15	24°R35	20° 0	20°51	14°12	0°10	T 24
F 25	22 14 24	2° 5'11	11♏58	19°42	20°30	28°10	24° 6	4°55	21° 5	5°15	24°35	20° 1	20°48	14°18	0° 9	F 25
S 26	22 18 20	3° 3'08	24°27	21°19	21° 6	28°49	24°12	4°50	21° 9	5°14	24°35	20° 2	20°45	14°25	0° 8	S 26
S 27	22 22 17	4° 1'06	6♐40	22°54	21°44	29°27	24°19	4°45	21°13	5°13	24°35	20°R 2	20°42	14°32	0° 6	S 27
M28	22 26 13	4°59'05	18°42	24°28	22°23	0♍ 5	24°25	4°41	21°16	5°13	24°35	20° 1	20°39	14°38	0° 5	M28
T 29	22 30 10	5°57'06	0♑37	26° 0	23° 3	0°43	24°32	4°36	21°20	5°12	24°35	20° 0	20°35	14°45	0° 4	T 29
W30	22 34 6	6°55'08	12°29	27°31	23°44	1°21	24°39	4°32	21°24	5°11	24°35	19°59	20°32	14°52	0° 2	W30
T 31	22 38 3	7♍53'12	24♑22	29♍ 1	24♋26	1♍59	24♏46	4♓27	21♌27	5♉11	24♉35	19♓57	20♓29	14♑59	0♉ 1	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 1	28s22	5s 9	20n37	1n30	16n 2	6s42	18n 3	1n 9	17s35	0n49	10s47	1s49	15n35	0n40	11n38	1s46	5n 9	14s10	3s40	3s 9	27s47	11n48	0n13
W 2	17 46	28 24	5 0	20 10	1 34	16 3	6 41	17 53	1 9	17 36	0 49	10 48	1 49	15 34	0 40	11 38	1 46	5 9	14 10	3 42	3 10	27 46	11 48	0 13
T 3	17 30	27 8	4 39	19 42	1 38	16 5	6 40	17 41	1 9	17 37	0 49	10 50	1 49	15 33	0 40	11 38	1 46	5 9	14 10	3 45	3 11	27 45	11 48	0 13
F 4	17 14	24 38	4 6	19 11	1 41	16 7	6 39	17 30	1 9	17 38	0 49	10 51	1 49	15 32	0 40	11 38	1 47	5 9	14 10	3 48	3 13	27 44	11 48	0 13
S 5	16 58	21 3	3 22	18 39	1 44	16 9	6 37	17 19	1 9	17 39	0 49	10 53	1 49	15 31	0 40	11 38	1 47	5 8	14 11	3 51	3 14	27 43	11 48	0 13
S 6	16 42	16 34	2 28	18 4	1 45	16 11	6 34	17 8	1 9	17 40	0 48	10 54	1 49	15 30	0 40	11 38	1 47	5 8	14 11	3 52	3 15	27 42	11 48	0 13
M 7	16 25	11 22	1 27	17 28	1 46	16 14	6 32	16 56	1 9	17 41	0 48	10 56	1 50	15 28	0 40	11 38	1 47	5 8	14 11	3 54	3 16	27 41	11 48	0 12
T 8	16 8	5 41	0 20	16 51	1 46	16 16	6 29	16 44	1 9	17 42	0 48	10 58	1 50	15 27	0 40	11 38	1 47	5 8	14 12	3 54	3 18	27 40	11 48	0 12
W 9	15 51	0n18	0n48	16 13	1 45	16 19	6 25	16 33	1 9	17 43	0 48	10 59	1 50	15 26	0 40	11 38	1 47	5 8	14 12	3 54	3 19	27 39	11 48	0 12
T 10	15 33	6 23	1 55	15 33	1 44	16 22	6 21	16 21	1 9	17 44	0 47	11 1	1 50	15 25	0 40	11 38	1 47	5 8	14 12	3 53	3 20	27 38	11 47	0 12
F 11	15 16	12 19	2 58	14 52	1 42	16 24	6 17	16 9	1 9	17 45	0 47	11 3	1 50	15 24	0 40	11 37	1 47	5 7	14 12	3 53	3 21	27 37	11 47	0 12
S 12	14 58	17 50	3 52	14 11	1 40	16 27	6 13	15 57	1 9	17 46	0 47	11 4	1 50	15 23	0 40	11 37	1 47	5 7	14 13	3 52	3 23	27 36	11 47	0 12
S 13	14 40	22 36	4 35	13 28	1 37	16 30	6 8	15 45	1 9	17 48	0 47	11 6	1 50	15 21	0 40	11 37	1 47	5 7	14 13	3 52	3 24	27 35	11 47	0 12
M14	14 21	26 13	5 3	12 45	1 34	16 33	6 4	15 33	1 9	17 49	0 46	11 8	1 51	15 20	0 40	11 37	1 47	5 7	14 13	3 52	3 25	27 34	11 47	0 12
T 15	14 2	28 17	5 13	12 2	1 30	16 36	5 59	15 20	1 9	17 50	0 46	11 10	1 51	15 19	0 40	11 37	1 47	5 7	14 13	3 53	3 26	27 33	11 46	0 12
W16	13 44	28 26	5 3	11 18	1 26	16 38	5 53	15 8	1 9	17 52	0 46	11 11	1 51	15 18	0 40	11 37	1 47	5 6	14 14	3 54	3 28	27 32	11 46	0 12
T 17	13 24	26 34	4 34	10 34	1 21	16 41	5 48	14 55	1 9	17 53	0 46	11 13	1 51	15 17	0 40	11 37	1 47	5 6	14 14	3 56	3 29	27 31	11 46	0 12
F 18	13 5	22 51	3 45	9 49	1 16	16 44	5 43	14 42	1 9	17 55	0 46	11 15	1 51	15 15	0 40	11 37	1 47	5 6	14 14	3 57	3 30	27 30	11 45	0 12
S 19	12 46	17 39	2 41	9 4	1 11	16 46	5 37	14 30	1 9	17 56	0 45	11 16	1 51	15 14	0 40	11 36	1 47	5 6	14 14	3 58	3 31	27 29	11 45	0 12
S 20	12 26	11 27	1 27	8 19	1 5	16 48	5 31	14 17	1 9	17 58	0 45	11 18	1 51	15 13	0 40	11 36	1 48	5 5	14 15	3 59	3 33	27 28	11 45	0 12
M21	12 6	4 47	0 9	7 34	0 59	16 50	5 25	14 4	1 9	17 59	0 45	11 20	1 51	15 12	0 40	11 36	1 48	5 5	14 15	3 59	3 34	27 27	11 44	0 11
T 22	11 46	1s57	1s 8	6 49	0 53	16 52	5 19	13 51	1 9	18 1	0 45	11 22	1 51	15 11	0 40	11 36	1 48	5 5	14 15	3 59	3 35	27 26	11 44	0 11
W23	11 26	8 24	2 18	6 4	0 46	16 54	5 13	13 38	1 9	18 3	0 44	11 23	1 51	15 10	0 41	11 36	1 48	5 5	14 16	3 59	3 36	27 25	11 43	0 11
T 24	11 5	14 17	3 20	5 19	0 39	16 55	5 7	13 25	1 9	18 4	0 44	11 25	1 52	15 8	0 41	11 35	1 48	5 4	14 16	3 58	3 38	27 24	11 43	0 11
F 25	10 44	19 23	4 9	4 34	0 32	16 56	5 0	13 11	1 9	18 6	0 44	11 27	1 52	15 7	0 41	11 35	1 48	5 4	14 16	3 57	3 39	27 23	11 42	0 11
S 26	10 24	23 30	4 45	3 50	0 25	16 57	4 54	12 58	1 9	18 8	0 44	11 29	1 52	15 6	0 41	11 35	1 48	5 4	14 16	3 57	3 40	27 22	11 42	0 11
S 27	10 3	26 29	5 7	3 5	0 18	16 58	4 48	12 45	1 9	18 10	0 44	11 30	1 52	15 5	0 41	11 35	1 48	5 4	14 17	3 57	3 41	27 21	11 41	0 11
M28	9 41	28 13	5 16	2 21	0 10	16 58	4 41	12 31	1 9	18 11	0 43	11 32	1 52	15 4	0 41	11 34	1 48	5 3	14 17	3 57	3 43	27 20	11 41	0 11
T 29	9 20	28 38	5 10	1 37	0 2	16 59	4 35	12 18	1 8	18 13	0 43	11 34	1 52	15 2	0 41	11 34	1 48	5 3	14 17	3 58	3 44	27 18	11 40	0 11
W30	8 59	27 43	4 52	0 54	0s 6	16 58	4 28	12 4	1 8	18 15	0 43	11 36	1 52	15 1	0 41	11 34	1 48	5 3	14 17	3 58	3 45	27 17	11 40	0 11
T 31	8n37	25s32	4s21	0n11	0s14	16n58	4s21	11n50	1n 8	18s17	0n43	11s37	1s52	15n 0	0n41	11n34	1s48	5n 2	14s18	3s59	3s46	27s16	11n39	0n11

Julian Day Number = 2406467.5, Delta T = -1.86 sec
Ecliptic obliquity = 23°27'28, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°01'00, Lahiri = 22°08'01

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1876
geocentric

SEPTEMBER 1876 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 42 0	8♍51'17	6♒20	0♎30	25♋ 9	2♍38	24♏53	4°R23	21♑31	5°R10	24°R35	19°R55	20♓26	15♉ 5	29°R59	F 1
S 2	22 45 56	9°49'24	18°26	1°57	25°53	3°16	25° 0	4♓18	21°35	5♉ 9	24♉35	19♓54	20°23	15°12	29♈58	S 2
S 3	22 49 53	10°47'32	0♓40	3°23	26°38	3°54	25° 7	4°14	21°38	5° 8	24°34	19°53	20°19	15°19	29°56	S 3
M 4	22 53 49	11°45'42	13° 6	4°47	27°23	4°32	25°15	4° 9	21°42	5° 8	24°34	19°52	20°16	15°25	29°54	M 4
T 5	22 57 46	12°43'54	25°44	6°11	28°10	5°10	25°23	4° 5	21°45	5° 7	24°34	19°D52	20°13	15°32	29°53	T 5
W 6	23 1 42	13°42'07	8♈35	7°32	28°58	5°49	25°30	4° 0	21°49	5° 6	24°34	19°53	20°10	15°39	29°51	W 6
T 7	23 5 39	14°40'22	21°39	8°53	29°46	6°27	25°38	3°56	21°52	5° 5	24°33	19°53	20° 7	15°46	29°49	T 7
F 8	23 9 35	15°38'40	4♉57	10°11	0♌35	7° 5	25°46	3°51	21°56	5° 4	24°33	19°54	20° 4	15°52	29°47	F 8
S 9	23 13 32	16°36'59	18°28	11°29	1°25	7°43	25°55	3°47	21°59	5° 3	24°33	19°54	20° 0	15°59	29°46	S 9
S 10	23 17 29	17°35'21	2♊13	12°45	2°16	8°21	26° 3	3°43	22° 3	5° 2	24°32	19°54	19°57	16° 6	29°44	S 10
M11	23 21 25	18°33'45	16°11	13°59	3° 7	9° 0	26°11	3°38	22° 6	5° 1	24°32	19°R54	19°54	16°12	29°42	M11
T 12	23 25 22	19°32'11	0♋21	15°11	4° 0	9°38	26°20	3°34	22°10	5° 0	24°32	19°D54	19°51	16°19	29°40	T 12
W13	23 29 18	20°30'39	14°41	16°22	4°52	10°16	26°28	3°30	22°13	4°59	24°31	19°54	19°48	16°26	29°38	W13
T 14	23 33 15	21°29'09	29° 7	17°30	5°46	10°54	26°37	3°25	22°16	4°58	24°31	19°54	19°45	16°32	29°36	T 14
F 15	23 37 11	22°27'42	13♌37	18°37	6°40	11°32	26°46	3°21	22°20	4°57	24°30	19°55	19°41	16°39	29°33	F 15
S 16	23 41 8	23°26'16	28° 4	19°41	7°34	12°11	26°55	3°17	22°23	4°56	24°30	19°55	19°38	16°46	29°31	S 16
S 17	23 45 4	24°24'53	12♍24	20°44	8°29	12°49	27° 4	3°13	22°27	4°54	24°30	19°55	19°35	16°53	29°29	S 17
M18	23 49 1	25°23'31	26°32	21°43	9°25	13°27	27°13	3° 9	22°30	4°53	24°29	19°R55	19°32	16°59	29°27	M18
T 19	23 52 58	26°22'12	10♎23	22°41	10°21	14° 5	27°23	3° 5	22°33	4°52	24°29	19°55	19°29	17° 6	29°24	T 19
W20	23 56 54	27°20'54	23°54	23°35	11°18	14°44	27°32	3° 1	22°36	4°51	24°28	19°54	19°25	17°13	29°22	W20
T 21	0 0 51	28°19'39	7♏ 5	24°26	12°15	15°22	27°42	2°57	22°40	4°49	24°27	19°53	19°22	17°19	29°20	T 21
F 22	0 4 47	29°18'25	19°55	25°15	13°13	16° 0	27°51	2°53	22°43	4°48	24°27	19°52	19°19	17°26	29°17	F 22
S 23	0 8 44	0♎17'13	2♐26	25°59	14°11	16°38	28° 1	2°49	22°46	4°47	24°26	19°51	19°16	17°33	29°15	S 23
S 24	0 12 40	1°16'02	14°41	26°40	15°10	17°17	28°11	2°46	22°49	4°46	24°26	19°50	19°13	17°40	29°13	S 24
M25	0 16 37	2°14'54	26°44	27°17	16° 9	17°55	28°21	2°42	22°52	4°44	24°25	19°D49	19°10	17°46	29°10	M25
T 26	0 20 33	3°13'47	8♑40	27°49	17° 9	18°33	28°31	2°38	22°55	4°43	24°24	19°49	19° 6	17°53	29° 8	T 26
W27	0 24 30	4°12'42	20°32	28°16	18° 9	19°11	28°41	2°35	22°58	4°41	24°24	19°50	19° 3	18° 0	29° 5	W27
T 28	0 28 27	5°11'39	2♒26	28°38	19° 9	19°50	28°51	2°31	23° 1	4°40	24°23	19°51	19° 0	18° 6	29° 2	T 28
F 29	0 32 23	6°10'37	14°25	28°54	20°10	20°28	29° 2	2°28	23° 4	4°39	24°22	19°52	18°57	18°13	29° 0	F 29
S 30	0 36 20	7♎ 9'37	26♒35	29♎ 5	21♌11	21♍ 6	29♏12	2♓25	23♌ 7	4♉37	24♉22	19♓54	18♓54	18♉20	28♈57	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n15	22s13	3s38	0s32	0s22	16n57	4s15	11n36	1n 8	18s19	0n43	11s39	1s52	14n59	0n41	11n33	1s48	5n 2	14s18	4s 0	3s48	27s15	11n39	0n11
S 2	7 54	17 56	2 45	1 14	0 30	16 56	4 8	11 23	1 8	18 21	0 42	11 41	1 52	14 58	0 41	11 33	1 48	5 2	14 18	4 0	3 49	27 14	11 38	0 11
S 3	7 32	12 52	1 44	1 56	0 38	16 54	4 1	11 9	1 8	18 23	0 42	11 42	1 52	14 57	0 41	11 33	1 48	5 2	14 18	4 1	3 50	27 13	11 37	0 11
M 4	7 9	7 13	0 37	2 37	0 47	16 52	3 54	10 55	1 8	18 25	0 42	11 44	1 52	14 56	0 41	11 32	1 48	5 1	14 19	4 1	3 51	27 12	11 37	0 10
T 5	6 47	1 12	0n32	3 18	0 55	16 49	3 48	10 41	1 8	18 27	0 42	11 46	1 52	14 54	0 41	11 32	1 48	5 1	14 19	4 1	3 53	27 10	11 36	0 10
W 6	6 25	4n58	1 42	3 58	1 3	16 47	3 41	10 26	1 8	18 29	0 42	11 47	1 52	14 53	0 41	11 32	1 48	5 1	14 19	4 1	3 54	27 9	11 35	0 10
T 7	6 2	11 2	2 47	4 37	1 12	16 43	3 34	10 12	1 8	18 31	0 41	11 49	1 52	14 52	0 41	11 31	1 49	5 0	14 19	4 1	3 55	27 8	11 35	0 10
F 8	5 40	16 42	3 45	5 16	1 20	16 40	3 27	9 58	1 8	18 33	0 41	11 51	1 52	14 51	0 41	11 31	1 49	5 0	14 20	4 0	3 56	27 7	11 34	0 10
S 9	5 17	21 40	4 31	5 54	1 29	16 36	3 21	9 44	1 8	18 35	0 41	11 52	1 52	14 50	0 41	11 31	1 49	5 0	14 20	4 0	3 58	27 6	11 33	0 10
S 10	4 54	25 33	5 2	6 31	1 37	16 31	3 14	9 29	1 8	18 37	0 41	11 54	1 52	14 49	0 41	11 30	1 49	4 59	14 20	4 0	3 59	27 4	11 32	0 10
M11	4 32	27 59	5 16	7 8	1 45	16 26	3 7	9 15	1 8	18 39	0 41	11 56	1 52	14 48	0 41	11 30	1 49	4 59	14 20	4 0	4 0	27 3	11 32	0 10
T 12	4 9	28 39	5 12	7 44	1 54	16 21	3 1	9 0	1 7	18 42	0 40	11 57	1 52	14 47	0 41	11 29	1 49	4 59	14 21	4 0	4 1	27 2	11 31	0 10
W13	3 46	27 25	4 48	8 19	2 2	16 15	2 54	8 46	1 7	18 44	0 40	11 59	1 52	14 46	0 41	11 29	1 49	4 58	14 21	4 0	4 3	27 1	11 30	0 10
T 14	3 23	24 21	4 6	8 52	2 10	16 8	2 47	8 31	1 7	18 46	0 40	12 0	1 52	14 44	0 41	11 29	1 49	4 58	14 21	4 0	4 4	27 0	11 29	0 10
F 15	3 0	19 45	3 8	9 25	2 18	16 2	2 41	8 17	1 7	18 48	0 40	12 2	1 52	14 43	0 41	11 28	1 49	4 58	14 21	4 0	4 5	26 58	11 28	0 10
S 16	2 36	14 0	1 58	9 57	2 25	15 54	2 34	8 2	1 7	18 50	0 40	12 3	1 52	14 42	0 41	11 28	1 49	4 58	14 22	4 0	4 6	26 57	11 28	0 10
S 17	2 13	7 33	0 42	10 28	2 33	15 47	2 28	7 47	1 7	18 53	0 39	12 5	1 52	14 41	0 41	11 27	1 49	4 57	14 22	4 0	4 8	26 56	11 27	0 9
M18	1 50	0 49	0s37	10 57	2 40	15 39	2 21	7 32	1 7	18 55	0 39	12 6	1 52	14 40	0 41	11 27	1 49	4 57	14 22	4 0	4 9	26 54	11 26	0 9
T 19	1 27	5s49	1 51	11 25	2 48	15 30	2 15	7 17	1 7	18 57	0 39	12 8	1 52	14 39	0 41	11 26	1 49	4 56	14 22	4 0	4 10	26 53	11 25	0 9
W20	1 3	12 2	2 57	11 52	2 55	15 21	2 8	7 3	1 7	19 0	0 39	12 9	1 52	14 38	0 41	11 26	1 49	4 56	14 23	4 0	4 11	26 52	11 24	0 9
T 21	0 40	17 33	3 52	12 17	3 1	15 11	2 2	6 48	1 7	19 2	0 39	12 10	1 52	14 37	0 41	11 26	1 49	4 56	14 23	4 1	4 13	26 51	11 23	0 9
F 22	0 17	22 8	4 34	12 41	3 7	15 1	1 56	6 33	1 6	19 4	0 39	12 12	1 52	14 36	0 41	11 25	1 49	4 55	14 23	4 1	4 14	26 49	11 22	0 9
S 23	0s 7	25 36	5 2	13 3	3 13	14 51	1 49	6 18	1 6	19 7	0 38	12 13	1 52	14 35	0 41	11 25	1 49	4 55	14 23	4 1	4 15	26 48	11 21	0 9
S 24	0 30	27 48	5 15	13 22	3 19	14 39	1 43	6 3	1 6	19 9	0 38	12 14	1 52	14 34	0 41	11 24	1 49	4 55	14 23	4 2	4 16	26 47	11 20	0 9
M25	0 54	28 39	5 14	13 40	3 23	14 28	1 37	5 48	1 6	19 11	0 38	12 16	1 52	14 33	0 41	11 24	1 49	4 54	14 24	4 2	4 18	26 45	11 19	0 9
T 26	1 17	28 9	4 59	13 56	3 28	14 16	1 31	5 33	1 6	19 14	0 38	12 17	1 52	14 32	0 41	11 23	1 49	4 54	14 24	4 2	4 19	26 44	11 19	0 9
W27	1 41	26 22	4 32	14 9	3 31	14 4	1 25	5 17	1 6	19 16	0 38	12 18	1 52	14 31	0 41	11 23	1 49	4 54	14 24	4 2	4 20	26 43	11 18	0 9
T 28	2 4	23 25	3 53	14 20	3 34	13 51	1 19	5 2	1 6	19 19	0 38	12 19	1 52	14 30	0 41	11 22	1 49	4 53	14 24	4 1	4 21	26 41	11 17	0 9
F 29	2 27	19 27	3 4	14 28	3 36	13 37	1 13	4 47	1 6	19 21	0 37	12 21	1 52	14 29	0 41	11 22	1 49	4 53	14 24	4 1	4 23	26 40	11 16	0 9
S 30	2s51	14s37	2s 5	14s32	3s37	13n24	1s 7	4n32	1n 5	19s23	0n37	12s22	1s52	14n28	0n41	11n21	1s49	4n53	14s25	4s 0	4s24	26s39	11n15	0n 8

Julian Day Number = 2406498.5, Delta T = -1.90 sec
Ecliptic obliquity = 23°27'29, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°01'05, Lahiri = 22°08'05

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OCTOBER 1876 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 40 16	8♎ 8'40	8♓59	29°R 8	22♌12	21♍45	29♏23	2°R21	23♌10	4°R36	24°R21	19♓55	18♓51	18♉26	28°R55	S 1
M 2	0 44 13	9° 7'44	21°38	29♎ 5	23°14	22°23	29°33	2♓18	23°13	4♉34	24♉20	19°R55	18°47	18°33	28♈52	M 2
T 3	0 48 9	10° 6'50	4♈34	28°54	24°17	23° 1	29°44	2°15	23°16	4°33	24°20	19°54	18°44	18°40	28°49	T 3
W 4	0 52 6	11° 5'57	17°48	28°36	25°19	23°40	29°55	2°12	23°19	4°31	24°19	19°53	18°41	18°47	28°47	W 4
T 5	0 56 2	12° 5'08	1♉18	28°10	26°22	24°18	0♐ 6	2° 9	23°21	4°30	24°18	19°50	18°38	18°53	28°44	T 5
F 6	0 59 59	13° 4'20	15° 2	27°35	27°25	24°56	0°17	2° 6	23°24	4°28	24°17	19°47	18°35	19° 0	28°41	F 6
S 7	1 3 55	14° 3'34	28°57	26°53	28°29	25°35	0°28	2° 3	23°27	4°27	24°16	19°43	18°31	19° 7	28°38	S 7
S 8	1 7 52	15° 2'51	13♊ 1	26° 3	29°33	26°13	0°39	2° 1	23°30	4°25	24°16	19°40	18°28	19°13	28°36	S 8
M 9	1 11 49	16° 2'11	27° 9	25° 6	0♍37	26°51	0°50	1°58	23°32	4°23	24°15	19°38	18°25	19°20	28°33	M 9
T 10	1 15 45	17° 1'32	11♋21	24° 3	1°42	27°30	1° 2	1°56	23°35	4°22	24°14	19°D37	18°22	19°27	28°30	T 10
W11	1 19 42	18° 0'56	25°32	22°55	2°46	28° 8	1°13	1°53	23°37	4°20	24°13	19°37	18°19	19°33	28°27	W11
T 12	1 23 38	19° 0'23	9♌41	21°44	3°51	28°46	1°24	1°51	23°40	4°19	24°12	19°38	18°16	19°40	28°24	T 12
F 13	1 27 35	19°59'51	23°46	20°31	4°57	29°25	1°36	1°48	23°42	4°17	24°11	19°39	18°12	19°47	28°21	F 13
S 14	1 31 31	20°59'22	7♍46	19°19	6° 2	0♎ 3	1°48	1°46	23°45	4°15	24°10	19°41	18° 9	19°54	28°19	S 14
S 15	1 35 28	21°58'55	21°38	18° 9	7° 8	0°42	1°59	1°44	23°47	4°14	24° 9	19°R41	18° 6	20° 0	28°16	S 15
M16	1 39 24	22°58'30	5♎20	17° 4	8°14	1°20	2°11	1°42	23°49	4°12	24° 8	19°40	18° 3	20° 7	28°13	M16
T 17	1 43 21	23°58'07	18°51	16° 5	9°21	1°58	2°23	1°40	23°52	4°11	24° 7	19°37	18° 0	20°14	28°10	T 17
W18	1 47 18	24°57'47	2♏ 7	15°15	10°27	2°37	2°35	1°38	23°54	4° 9	24° 7	19°33	17°56	20°20	28° 7	W18
T 19	1 51 14	25°57'28	15° 8	14°34	11°34	3°15	2°47	1°37	23°56	4° 7	24° 6	19°27	17°53	20°27	28° 4	T 19
F 20	1 55 11	26°57'12	27°52	14° 4	12°41	3°54	2°59	1°35	23°58	4° 6	24° 5	19°20	17°50	20°34	28° 1	F 20
S 21	1 59 7	27°56'57	10♐20	13°45	13°49	4°32	3°11	1°34	24° 1	4° 4	24° 4	19°13	17°47	20°41	27°58	S 21
S 22	2 3 4	28°56'44	22°34	13°D37	14°56	5°11	3°23	1°32	24° 3	4° 2	24° 3	19° 7	17°44	20°47	27°55	S 22
M23	2 7 0	29°56'33	4♑36	13°41	16° 4	5°49	3°35	1°31	24° 5	4° 1	24° 2	19° 2	17°41	20°54	27°52	M23
T 24	2 10 57	0♏56'24	16°31	13°55	17°12	6°28	3°47	1°30	24° 7	3°59	24° 1	18°59	17°37	21° 1	27°50	T 24
W25	2 14 53	1°56'16	28°22	14°20	18°20	7° 6	4° 0	1°28	24° 9	3°57	24° 0	18°D58	17°34	21° 7	27°47	W25
T 26	2 18 50	2°56'10	10♒14	14°54	19°28	7°45	4°12	1°27	24°10	3°55	23°59	18°58	17°31	21°14	27°44	T 26
F 27	2 22 47	3°56'06	22°13	15°37	20°36	8°23	4°24	1°26	24°12	3°54	23°57	18°59	17°28	21°21	27°41	F 27
S 28	2 26 43	4°56'03	4♓23	16°28	21°45	9° 2	4°37	1°26	24°14	3°52	23°56	19° 1	17°25	21°27	27°38	S 28
S 29	2 30 40	5°56'02	16°50	17°26	22°54	9°40	4°49	1°25	24°16	3°50	23°55	19°R 2	17°22	21°34	27°35	S 29
M30	2 34 36	6°56'02	29°36	18°30	24° 3	10°19	5° 2	1°24	24°18	3°49	23°54	19° 1	17°18	21°41	27°32	M30
T 31	2 38 33	7♏56'05	12♈46	19♎39	25♍12	10♎57	5♐15	1♓24	24♌19	3♉47	23♉53	18♓59	17♓15	21♉48	27♈29	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s14	9s 8	1s 0	14s34	3s38	13n 9	1s 1	4n17	1n 5	19s26	0n37	12s23	1s52	14n27	0n41	11n21	1s49	4n52	14s25	4s 0	4s25	26s37	11n14	0n 8
M 2	3 37	3 11	0n 9	14 32	3 36	12 55	0 55	4 1	1 5	19 28	0 37	12 24	1 52	14 26	0 41	11 20	1 49	4 52	14 25	4 0	4 26	26 36	11 13	0 8
T 3	4 1	3n 2	1 20	14 26	3 34	12 40	0 50	3 46	1 5	19 31	0 37	12 25	1 52	14 26	0 41	11 20	1 50	4 52	14 25	4 0	4 28	26 35	11 11	0 8
W 4	4 24	9 16	2 27	14 15	3 30	12 24	0 44	3 31	1 5	19 33	0 37	12 26	1 52	14 25	0 41	11 19	1 50	4 51	14 25	4 1	4 29	26 33	11 10	0 8
T 5	4 47	15 11	3 28	14 1	3 25	12 8	0 38	3 15	1 5	19 36	0 36	12 27	1 52	14 24	0 41	11 19	1 50	4 51	14 26	4 2	4 30	26 32	11 9	0 8
F 6	5 10	20 28	4 18	13 42	3 18	11 52	0 33	3 0	1 5	19 38	0 36	12 28	1 52	14 23	0 41	11 18	1 50	4 51	14 26	4 3	4 31	26 30	11 8	0 8
S 7	5 33	24 42	4 53	13 18	3 9	11 35	0 28	2 45	1 4	19 41	0 36	12 29	1 51	14 22	0 41	11 17	1 50	4 50	14 26	4 4	4 33	26 29	11 7	0 8
S 8	5 56	27 31	5 11	12 50	2 58	11 17	0 22	2 29	1 4	19 43	0 36	12 30	1 51	14 21	0 42	11 17	1 50	4 50	14 26	4 6	4 34	26 27	11 6	0 8
M 9	6 19	28 36	5 11	12 18	2 46	11 0	0 17	2 14	1 4	19 45	0 36	12 31	1 51	14 20	0 42	11 16	1 50	4 50	14 26	4 7	4 35	26 26	11 5	0 8
T 10	6 42	27 49	4 51	11 41	2 32	10 42	0 12	1 58	1 4	19 48	0 36	12 32	1 51	14 19	0 42	11 16	1 50	4 49	14 26	4 7	4 36	26 25	11 4	0 8
W11	7 4	25 13	4 14	11 1	2 15	10 23	0 7	1 43	1 4	19 50	0 36	12 32	1 51	14 19	0 42	11 15	1 50	4 49	14 27	4 7	4 38	26 23	11 3	0 8
T 12	7 27	21 4	3 22	10 18	1 58	10 4	0 2	1 28	1 3	19 53	0 35	12 33	1 51	14 18	0 42	11 15	1 50	4 49	14 27	4 7	4 39	26 22	11 2	0 7
F 13	7 49	15 46	2 17	9 33	1 39	9 45	0n 3	1 12	1 3	19 55	0 35	12 34	1 51	14 17	0 42	11 14	1 50	4 48	14 27	4 6	4 40	26 20	11 1	0 7
S 14	8 12	9 40	1 5	8 47	1 19	9 25	0 8	0 57	1 3	19 58	0 35	12 35	1 51	14 16	0 42	11 14	1 50	4 48	14 27	4 5	4 41	26 19	11 0	0 7
S 15	8 34	3 9	0s11	8 1	0 59	9 5	0 12	0 41	1 3	20 0	0 35	12 35	1 51	14 16	0 42	11 13	1 50	4 47	14 27	4 5	4 42	26 17	10 59	0 7
M16	8 56	3s25	1 24	7 17	0 38	8 45	0 17	0 26	1 3	20 3	0 35	12 36	1 51	14 15	0 42	11 12	1 50	4 47	14 27	4 6	4 44	26 16	10 57	0 7
T 17	9 18	9 44	2 32	6 36	0 17	8 24	0 22	0 10	1 3	20 5	0 35	12 37	1 51	14 14	0 42	11 12	1 50	4 47	14 27	4 7	4 45	26 14	10 56	0 7
W18	9 40	15 30	3 30	5 58	0n 2	8 3	0 26	0s 5	1 2	20 8	0 35	12 37	1 50	14 13	0 42	11 11	1 50	4 46	14 28	4 9	4 46	26 13	10 55	0 7
T 19	10 2	20 28	4 16	5 25	0 21	7 42	0 30	0 21	1 2	20 10	0 34	12 38	1 50	14 13	0 42	11 11	1 50	4 46	14 28	4 11	4 47	26 11	10 54	0 7
F 20	10 24	24 23	4 48	4 57	0 39	7 20	0 35	0 36	1 2	20 13	0 34	12 38	1 50	14 12	0 42	11 10	1 50	4 46	14 28	4 13	4 49	26 10	10 53	0 7
S 21	10 45	27 4	5 6	4 35	0 55	6 58	0 39	0 52	1 2	20 15	0 34	12 39	1 50	14 11	0 42	11 10	1 50	4 45	14 28	4 16	4 50	26 8	10 52	0 7
S 22	11 6	28 24	5 9	4 18	1 10	6 36	0 43	1 7	1 2	20 17	0 34	12 39	1 50	14 11	0 42	11 9	1 50	4 45	14 28	4 19	4 51	26 7	10 51	0 7
M23	11 28	28 21	4 58	4 8	1 23	6 13	0 47	1 22	1 1	20 20	0 34	12 39	1 50	14 10	0 42	11 8	1 50	4 45	14 28	4 20	4 52	26 5	10 50	0 7
T 24	11 49	26 59	4 35	4 3	1 34	5 50	0 51	1 38	1 1	20 22	0 34	12 40	1 50	14 9	0 42	11 8	1 50	4 44	14 28	4 22	4 54	26 4	10 49	0 6
W25	12 9	24 25	4 0	4 3	1 44	5 27	0 54	1 53	1 1	20 25	0 34	12 40	1 50	14 9	0 42	11 7	1 50	4 44	14 28	4 22	4 55	26 2	10 47	0 6
T 26	12 30	20 48	3 14	4 9	1 52	5 4	0 58	2 9	1 1	20 27	0 33	12 40	1 50	14 8	0 42	11 7	1 50	4 44	14 28	4 22	4 56	26 1	10 46	0 6
F 27	12 50	16 19	2 20	4 20	1 58	4 40	1 2	2 24	1 1	20 30	0 33	12 41	1 50	14 8	0 42	11 6	1 50	4 44	14 28	4 22	4 57	25 59	10 45	0 6
S 28	13 11	11 8	1 18	4 35	2 3	4 16	1 5	2 39	1 0	20 32	0 33	12 41	1 49	14 7	0 42	11 6	1 50	4 43	14 28	4 21	4 59	25 57	10 44	0 6
S 29	13 31	5 23	0 12	4 53	2 7	3 52	1 8	2 55	1 0	20 34	0 33	12 41	1 49	14 7	0 42	11 5	1 50	4 43	14 29	4 21	5 0	25 56	10 43	0 6
M30	13 50	0n43	0n57	5 16	2 9	3 28	1 12	3 10	1 0	20 37	0 33	12 41	1 49	14 6	0 42	11 4	1 50	4 43	14 29	4 21	5 1	25 54	10 42	0 6
T 31	14s10	6n57	2n 4	5s41	2n11	3n 3	1n15	3s25	1n 0	20s39	0n33	12s41	1s49	14n 6	0n42	11n 4	1s50	4n42	14s29	4s22	5s 2	25s53	10n41	0n 6

Julian Day Number = 2406528.5, Delta T = -1.93 sec
Ecliptic obliquity = 23°27'29, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°01'09, Lahiri = 22°08'09

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ASTRODIENST EPHEMERIS for the year 1876
geocentric

NOVEMBER 1876 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 42 29	8♏56'09	26♈18	20♎53	26♍21	11♎36	5♐27	1°R23	24♌21	3°R45	23°R52	18°R54	17♓12	21♉54	27°R27	W 1
T 2	2 46 26	9°56'14	10♉12	22°11	27°31	12°14	5°40	1♓23	24°22	3♉44	23♉51	18♓47	17° 9	22° 1	27♈24	T 2
F 3	2 50 22	10°56'22	24°24	23°33	28°40	12°53	5°53	1°23	24°24	3°42	23°50	18°39	17° 6	22° 8	27°21	F 3
S 4	2 54 19	11°56'32	8♊49	24°57	29°50	13°31	6° 6	1°D23	24°25	3°40	23°49	18°30	17° 2	22°14	27°18	S 4
S 5	2 58 16	12°56'44	23°20	26°24	1♎ 0	14°10	6°19	1°23	24°27	3°39	23°48	18°21	16°59	22°21	27°15	S 5
M 6	3 2 12	13°56'57	7♋51	27°52	2°10	14°49	6°31	1°23	24°28	3°37	23°47	18°15	16°56	22°28	27°13	M 6
T 7	3 6 9	14°57'13	22°16	29°22	3°21	15°27	6°44	1°23	24°29	3°35	23°46	18°10	16°53	22°34	27°10	T 7
W 8	3 10 5	15°57'31	6♌32	0♏54	4°31	16° 6	6°57	1°23	24°30	3°34	23°44	18° 8	16°50	22°41	27° 7	W 8
T 9	3 14 2	16°57'51	20°36	2°27	5°42	16°45	7°10	1°24	24°32	3°32	23°43	18°D 8	16°47	22°48	27° 5	T 9
F 10	3 17 58	17°58'12	4♍27	4° 0	6°52	17°23	7°23	1°24	24°33	3°30	23°42	18° 8	16°43	22°54	27° 2	F 10
S 11	3 21 55	18°58'36	18° 7	5°34	8° 3	18° 2	7°37	1°25	24°34	3°29	23°41	18°R 9	16°40	23° 1	26°59	S 11
S 12	3 25 51	19°59'01	1♎35	7° 9	9°14	18°41	7°50	1°26	24°35	3°27	23°40	18° 8	16°37	23° 8	26°57	S 12
M13	3 29 48	20°59'29	14°52	8°44	10°25	19°19	8° 3	1°26	24°36	3°26	23°39	18° 5	16°34	23°15	26°54	M13
T 14	3 33 45	21°59'58	27°59	10°19	11°36	19°58	8°16	1°27	24°37	3°24	23°38	17°59	16°31	23°21	26°51	T 14
W15	3 37 41	23° 0'29	10♏54	11°55	12°48	20°37	8°29	1°28	24°38	3°22	23°37	17°50	16°28	23°28	26°49	W15
T 16	3 41 38	24° 1'02	23°38	13°30	13°59	21°15	8°43	1°30	24°38	3°21	23°35	17°39	16°24	23°35	26°46	T 16
F 17	3 45 34	25° 1'36	6♐10	15° 6	15°11	21°54	8°56	1°31	24°39	3°19	23°34	17°26	16°21	23°41	26°44	F 17
S 18	3 49 31	26° 2'12	18°30	16°41	16°22	22°33	9° 9	1°32	24°40	3°18	23°33	17°13	16°18	23°48	26°41	S 18
S 19	3 53 27	27° 2'49	0♑39	18°17	17°34	23°11	9°22	1°34	24°40	3°16	23°32	17° 1	16°15	23°55	26°39	S 19
M20	3 57 24	28° 3'27	12°38	19°52	18°46	23°50	9°36	1°35	24°41	3°15	23°31	16°51	16°12	24° 1	26°37	M20
T 21	4 1 20	29° 4'07	24°30	21°28	19°58	24°29	9°49	1°37	24°42	3°13	23°30	16°43	16° 8	24° 8	26°34	T 21
W22	4 5 17	0♐ 4'48	6♒19	23° 3	21°10	25° 8	10° 3	1°39	24°42	3°12	23°29	16°38	16° 5	24°15	26°32	W22
T 23	4 9 14	1° 5'30	18° 8	24°38	22°22	25°47	10°16	1°41	24°42	3°10	23°28	16°35	16° 2	24°22	26°30	T 23
F 24	4 13 10	2° 6'13	0♓ 4	26°13	23°34	26°25	10°29	1°43	24°43	3° 9	23°26	16°D34	15°59	24°28	26°27	F 24
S 25	4 17 7	3° 6'57	12°11	27°48	24°47	27° 4	10°43	1°45	24°43	3° 8	23°25	16°R34	15°56	24°35	26°25	S 25
S 26	4 21 3	4° 7'42	24°35	29°23	25°59	27°43	10°56	1°47	24°43	3° 6	23°24	16°34	15°53	24°42	26°23	S 26
M27	4 25 0	5° 8'28	7♈20	0♐58	27°12	28°22	11°10	1°49	24°44	3° 5	23°23	16°33	15°49	24°48	26°21	M27
T 28	4 28 56	6° 9'15	20°32	2°32	28°24	29° 0	11°23	1°51	24°44	3° 3	23°22	16°29	15°46	24°55	26°19	T 28
W29	4 32 53	7°10'03	4♉12	4° 7	29°37	29°39	11°37	1°54	24°44	3° 2	23°21	16°22	15°43	25° 2	26°17	W29
T 30	4 36 49	8♐10'53	18♉19	5♐41	0♏50	0♏18	11♐50	1♓56	24°R44	3♉ 1	23♉20	16♓13	15♓40	25♉ 8	26♈15	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	14s29	13n 3	3n 7	6s 8	2n11	2n39	1n18	3s41	0n59	20s42	0n33	12s41	1s49	14n 5	0n42	11n 3	1s50	4n42	14s29	4s24	5s 4	25s51	10n40	0n 6	
T 2	14 48	18 40	4 0	6 38	2 10	2 14	1 21	3 56	0 59	20 44	0 33	12 41	1 49	14 5	0 42	11 3	1 50	4 42	14 29	4 27	5 5	25 50	10 39	0 6	
F 3	15 7	23 23	4 39	7 10	2 8	1 49	1 24	4 11	0 59	20 46	0 33	12 41	1 49	14 4	0 43	11 2	1 50	4 41	14 29	4 30	5 6	25 48	10 37	0 6	
S 4	15 26	26 45	5 1	7 43	2 6	1 23	1 27	4 26	0 59	20 49	0 32	12 41	1 49	14 4	0 43	11 2	1 50	4 41	14 29	4 33	5 7	25 46	10 36	0 5	
S 5	15 44	28 21	5 4	8 17	2 3	0 58	1 29	4 42	0 58	20 51	0 32	12 41	1 48	14 3	0 43	11 1	1 50	4 41	14 29	4 36	5 9	25 45	10 35	0 5	
M 6	16 2	28 1	4 48	8 52	1 59	0 32	1 32	4 57	0 58	20 53	0 32	12 41	1 48	14 3	0 43	11 1	1 50	4 41	14 29	4 39	5 10	25 43	10 34	0 5	
T 7	16 20	25 47	4 13	9 28	1 55	0 7	1 34	5 12	0 58	20 56	0 32	12 41	1 48	14 2	0 43	11 0	1 50	4 40	14 29	4 41	5 11	25 41	10 33	0 5	
W 8	16 38	21 56	3 23	10 4	1 51	0s19	1 36	5 27	0 58	20 58	0 32	12 40	1 48	14 2	0 43	11 0	1 50	4 40	14 29	4 42	5 12	25 40	10 32	0 5	
T 9	16 55	16 52	2 22	10 41	1 46	0 45	1 39	5 42	0 57	21 0	0 32	12 40	1 48	14 2	0 43	10 59	1 50	4 40	14 29	4 42	5 13	25 38	10 31	0 5	
F 10	17 12	11 1	1 12	11 17	1 40	1 11	1 41	5 57	0 57	21 2	0 32	12 40	1 48	14 1	0 43	10 58	1 50	4 40	14 29	4 42	5 15	25 36	10 30	0 5	
S 11	17 29	4 42	0 0	11 54	1 35	1 37	1 43	6 12	0 57	21 5	0 32	12 39	1 48	14 1	0 43	10 58	1 50	4 39	14 29	4 41	5 16	25 35	10 29	0 5	
S 12	17 45	1s43	1s11	12 31	1 29	2 4	1 45	6 27	0 57	21 7	0 32	12 39	1 48	14 1	0 43	10 57	1 50	4 39	14 29	4 42	5 17	25 33	10 28	0 5	
M13	18 1	7 58	2 17	13 7	1 23	2 30	1 47	6 42	0 56	21 9	0 31	12 39	1 47	14 0	0 43	10 57	1 50	4 39	14 29	4 43	5 18	25 31	10 27	0 5	
T 14	18 17	13 48	3 15	13 43	1 16	2 56	1 48	6 57	0 56	21 11	0 31	12 38	1 47	14 0	0 43	10 56	1 50	4 39	14 29	4 45	5 20	25 30	10 26	0 5	
W15	18 32	18 56	4 2	14 19	1 10	3 22	1 50	7 12	0 56	21 13	0 31	12 38	1 47	14 0	0 43	10 56	1 50	4 38	14 29	4 49	5 21	25 28	10 25	0 5	
T 16	18 47	23 9	4 36	14 54	1 3	3 49	1 51	7 27	0 55	21 16	0 31	12 37	1 47	14 0	0 43	10 55	1 50	4 38	14 29	4 53	5 22	25 26	10 24	0 4	
F 17	19 2	26 12	4 56	15 28	0 57	4 15	1 53	7 41	0 55	21 18	0 31	12 37	1 47	14 0	0 43	10 55	1 50	4 38	14 29	4 58	5 23	25 25	10 23	0 4	
S 18	19 17	27 58	5 1	16 2	0 50	4 41	1 54	7 56	0 55	21 20	0 31	12 36	1 47	13 59	0 43	10 54	1 50	4 38	14 29	5 3	5 25	25 23	10 22	0 4	
S 19	19 31	28 21	4 53	16 36	0 43	5 8	1 55	8 11	0 54	21 22	0 31	12 35	1 47	13 59	0 43	10 54	1 50	4 37	14 29	5 8	5 26	25 21	10 21	0 4	
M20	19 45	27 22	4 32	17 8	0 36	5 34	1 56	8 25	0 54	21 24	0 31	12 35	1 47	13 59	0 43	10 53	1 50	4 37	14 29	5 12	5 27	25 19	10 20	0 4	
T 21	19 58	25 10	3 59	17 40	0 29	6 0	1 57	8 40	0 54	21 26	0 31	12 34	1 46	13 59	0 43	10 53	1 50	4 37	14 29	5 15	5 28	25 18	10 19	0 4	
W22	20 11	21 52	3 16	18 11	0 22	6 26	1 58	8 54	0 54	21 28	0 31	12 33	1 46	13 59	0 43	10 52	1 49	4 37	14 29	5 17	5 30	25 16	10 18	0 4	
T 23	20 24	17 42	2 25	18 42	0 15	6 52	1 59	9 9	0 53	21 30	0 30	12 32	1 46	13 59	0 43	10 52	1 49	4 37	14 29	5 18	5 31	25 14	10 17	0 4	
F 24	20 36	12 48	1 26	19 11	0 9	7 19	2 0	9 23	0 53	21 32	0 30	12 32	1 46	13 59	0 43	10 51	1 49	4 36	14 28	5 18	5 32	25 13	10 16	0 4	
S 25	20 48	7 21	0 23	19 39	0 2	7 44	2 0	9 37	0 53	21 34	0 30	12 31	1 46	13 59	0 43	10 51	1 49	4 36	14 28	5 18	5 33	25 11	10 16	0 4	
S 26	20 59	1 31	0n42	20 7	0s 5	8 10	2 1	9 51	0 52	21 36	0 30	12 30	1 46	13 58	0 44	10 51	1 49	4 36	14 28	5 18	5 34	25 9	10 15	0 4	
M27	21 10	4n34	1 48	20 34	0 12	8 36	2 1	10 6	0 52	21 38	0 30	12 29	1 46	13 58	0 44	10 50	1 49	4 36	14 28	5 19	5 36	25 7	10 14	0 4	
T 28	21 21	10 38	2 49	20 59	0 18	9 2	2 1	10 20	0 52	21 40	0 30	12 28	1 46	13 58	0 44	10 50	1 49	4 36	14 28	5 20	5 37	25 5	10 13	0 3	
W29	21 31	16 26	3 43	21 24	0 25	9 27	2 1	10 34	0 51	21 42	0 30	12 27	1 45	13 58	0 44	10 49	1 49	4 36	14 28	5 23	5 38	25 4	10 12	0 3	
T 30	21s41	21n33	4n26	21s47	0s32	9s52	2n 2	10s48	0n51	21s44	0n30	12s26	1s45	13n59	0n44	10n49	1s49	4n35	14s28	5s27	5s39	25s 2	10n11	0n 3	

Julian Day Number = 2406559.5, Delta T = -1.97 sec
Ecliptic obliquity = 23°27'28, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°01'13, Lahiri = 22°08'14

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ASTRODIENST EPHEMERIS for the year 1876
geocentric

DECEMBER 1876 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 40 46	9♐11'43	2♊51	7♐15	2♏ 2	0♏57	12♐ 4	1♓59	24°R44	2°R59	23°R19	16°R 1	15♓37	25♑15	26°R13	F 1
S 2	4 44 43	10°12'34	17°41	8°50	3°15	1°36	12°17	2° 2	24♌44	2♉58	23♉18	15♓49	15°34	25°22	26♈11	S 2
S 3	4 48 39	11°13'27	2♋39	10°24	4°28	2°15	12°31	2° 5	24°43	2°57	23°17	15°38	15°30	25°28	26° 9	S 3
M 4	4 52 36	12°14'21	17°37	11°58	5°41	2°53	12°44	2° 8	24°43	2°56	23°16	15°28	15°27	25°35	26° 7	M 4
T 5	4 56 32	13°15'16	2♌25	13°32	6°54	3°32	12°58	2°11	24°43	2°55	23°15	15°21	15°24	25°42	26° 6	T 5
W 6	5 0 29	14°16'12	16°57	15° 7	8° 8	4°11	13°11	2°14	24°43	2°53	23°14	15°17	15°21	25°49	26° 4	W 6
T 7	5 4 25	15°17'09	1♍10	16°41	9°21	4°50	13°25	2°17	24°42	2°52	23°12	15°15	15°18	25°55	26° 2	T 7
F 8	5 8 22	16°18'08	15° 2	18°15	10°34	5°29	13°38	2°20	24°42	2°51	23°11	15°15	15°14	26° 2	26° 1	F 8
S 9	5 12 19	17°19'07	28°35	19°49	11°47	6° 8	13°52	2°24	24°41	2°50	23°10	15°15	15°11	26° 9	25°59	S 9
S 10	5 16 15	18°20'08	11♎50	21°24	13° 1	6°47	14° 6	2°27	24°41	2°49	23° 9	15°14	15° 8	26°15	25°58	S 10
M11	5 20 12	19°21'10	24°51	22°58	14°14	7°26	14°19	2°31	24°40	2°48	23° 8	15°10	15° 5	26°22	25°56	M11
T 12	5 24 8	20°22'13	7♏38	24°33	15°28	8° 5	14°33	2°35	24°40	2°47	23° 7	15° 3	15° 2	26°29	25°55	T 12
W13	5 28 5	21°23'17	20°14	26° 8	16°41	8°44	14°46	2°38	24°39	2°46	23° 6	14°53	14°59	26°35	25°53	W13
T 14	5 32 1	22°24'22	2♐40	27°43	17°55	9°23	15° 0	2°42	24°38	2°45	23° 5	14°40	14°55	26°42	25°52	T 14
F 15	5 35 58	23°25'28	14°57	29°18	19° 9	10° 2	15°13	2°46	24°37	2°44	23° 4	14°26	14°52	26°49	25°51	F 15
S 16	5 39 54	24°26'34	27° 6	0♑53	20°23	10°41	15°27	2°50	24°36	2°43	23° 4	14°11	14°49	26°55	25°50	S 16
S 17	5 43 51	25°27'41	9♑ 7	2°28	21°36	11°20	15°40	2°54	24°36	2°42	23° 3	13°57	14°46	27° 2	25°48	S 17
M18	5 47 48	26°28'49	21° 2	4° 3	22°50	11°59	15°53	2°59	24°35	2°41	23° 2	13°45	14°43	27° 9	25°47	M18
T 19	5 51 44	27°29'57	2♒52	5°39	24° 4	12°38	16° 7	3° 3	24°34	2°40	23° 1	13°35	14°40	27°16	25°46	T 19
W20	5 55 41	28°31'05	14°39	7°14	25°18	13°17	16°20	3° 7	24°32	2°40	23° 0	13°29	14°36	27°22	25°45	W20
T 21	5 59 37	29°32'13	26°28	8°50	26°32	13°56	16°34	3°12	24°31	2°39	22°59	13°25	14°33	27°29	25°44	T 21
F 22	6 3 34	0♑33'22	8♓21	10°26	27°46	14°35	16°47	3°16	24°30	2°38	22°58	13°D24	14°30	27°36	25°44	F 22
S 23	6 7 30	1°34'30	20°25	12° 1	29° 0	15°14	17° 0	3°21	24°29	2°37	22°57	13°24	14°27	27°42	25°43	S 23
S 24	6 11 27	2°35'39	2♈44	13°37	0♐14	15°53	17°14	3°26	24°28	2°37	22°56	13°R24	14°24	27°49	25°42	S 24
M25	6 15 23	3°36'48	15°25	15°13	1°28	16°32	17°27	3°30	24°26	2°36	22°56	13°24	14°20	27°56	25°41	M25
T 26	6 19 20	4°37'57	28°30	16°49	2°42	17°11	17°40	3°35	24°25	2°36	22°55	13°21	14°17	28° 2	25°41	T 26
W27	6 23 17	5°39'05	12♉ 5	18°24	3°56	17°50	17°54	3°40	24°24	2°35	22°54	13°16	14°14	28° 9	25°40	W27
T 28	6 27 13	6°40'14	26°11	19°59	5°10	18°29	18° 7	3°45	24°22	2°34	22°53	13° 9	14°11	28°16	25°40	T 28
F 29	6 31 10	7°41'23	10♊45	21°34	6°24	19° 8	18°20	3°50	24°21	2°34	22°52	12°59	14° 8	28°22	25°39	F 29
S 30	6 35 6	8°42'32	25°43	23° 9	7°39	19°47	18°33	3°55	24°19	2°33	22°52	12°49	14° 5	28°29	25°39	S 30
S 31	6 39 3	9♑43'40	10♋55	24♑42	8♐53	20♏26	18♐46	4♓ 1	24♌17	2♉33	22♉51	12♓39	14♓ 1	28♑36	25♈38	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	21s51	25n31	4n52	22s10	0s38	10s17	2n 2	11s 1	0n50	21s46	0n30	12s25	1s45	13n59	0n44	10n48	1s49	4n35	14s28	5s31	5s41	25s 0	10n11	0n 3	F 1
S 2	22 0	27 52	5 0	22 31	0 44	10 42	2 1	11 15	0 50	21 48	0 30	12 24	1 45	13 59	0 44	10 48	1 49	4 35	14 28	5 36	5 42	24 58	10 10	0 3	S 2
S 3	22 8	28 13	4 47	22 51	0 50	11 7	2 1	11 29	0 50	21 50	0 30	12 22	1 45	13 59	0 44	10 48	1 49	4 35	14 28	5 40	5 43	24 56	10 9	0 3	S 3
M 4	22 17	26 30	4 15	23 10	0 56	11 32	2 1	11 43	0 49	21 51	0 29	12 21	1 45	13 59	0 44	10 47	1 49	4 35	14 27	5 44	5 44	24 55	10 8	0 3	M 4
T 5	22 24	22 58	3 25	23 28	1 2	11 56	2 1	11 56	0 49	21 53	0 29	12 20	1 45	13 59	0 44	10 47	1 49	4 35	14 27	5 47	5 46	24 53	10 8	0 3	T 5
W 6	22 32	18 3	2 23	23 45	1 8	12 20	2 0	12 10	0 49	21 55	0 29	12 19	1 45	13 59	0 44	10 47	1 49	4 35	14 27	5 48	5 47	24 51	10 7	0 3	W 6
T 7	22 39	12 13	1 14	24 0	1 13	12 44	2 0	12 23	0 48	21 57	0 29	12 18	1 44	13 59	0 44	10 46	1 49	4 35	14 27	5 49	5 48	24 49	10 6	0 3	T 7
F 8	22 45	5 55	0 1	24 15	1 19	13 7	1 59	12 36	0 48	21 58	0 29	12 16	1 44	13 59	0 44	10 46	1 49	4 34	14 27	5 49	5 49	24 47	10 6	0 3	F 8
S 9	22 51	0s30	1s10	24 28	1 24	13 30	1 58	12 50	0 47	22 0	0 29	12 15	1 44	14 0	0 44	10 46	1 49	4 34	14 27	5 49	5 50	24 45	10 5	0 3	S 9
S 10	22 57	6 46	2 15	24 39	1 29	13 53	1 57	13 3	0 47	22 2	0 29	12 14	1 44	14 0	0 44	10 45	1 49	4 34	14 27	5 50	5 52	24 44	10 4	0 2	S 10
M11	23 2	12 37	3 13	24 50	1 34	14 16	1 57	13 16	0 47	22 3	0 29	12 12	1 44	14 0	0 44	10 45	1 49	4 34	14 26	5 51	5 53	24 42	10 4	0 2	M11
T 12	23 6	17 50	3 59	24 59	1 38	14 38	1 56	13 29	0 46	22 5	0 29	12 11	1 44	14 0	0 44	10 45	1 49	4 34	14 26	5 54	5 54	24 40	10 3	0 2	T 12
W13	23 11	22 12	4 33	25 7	1 43	15 0	1 55	13 42	0 46	22 7	0 29	12 9	1 44	14 1	0 44	10 44	1 49	4 34	14 26	5 58	5 55	24 38	10 3	0 2	W13
T 14	23 14	25 30	4 53	25 13	1 47	15 22	1 53	13 55	0 45	22 8	0 29	12 8	1 44	14 1	0 44	10 44	1 49	4 34	14 26	6 2	5 57	24 36	10 2	0 2	T 14
F 15	23 18	27 34	5 0	25 18	1 50	15 43	1 52	14 7	0 45	22 10	0 29	12 6	1 44	14 1	0 44	10 44	1 49	4 34	14 26	6 8	5 58	24 34	10 1	0 2	F 15
S 16	23 20	28 18	4 52	25 21	1 54	16 4	1 51	14 20	0 45	22 11	0 29	12 5	1 43	14 2	0 44	10 43	1 49	4 34	14 26	6 14	5 59	24 32	10 1	0 2	S 16
S 17	23 23	27 40	4 32	25 23	1 57	16 25	1 50	14 32	0 44	22 13	0 28	12 3	1 43	14 2	0 44	10 43	1 48	4 34	14 25	6 19	6 0	24 30	10 0	0 2	S 17
M18	23 25	25 45	4 0	25 24	2 0	16 45	1 48	14 45	0 44	22 14	0 28	12 1	1 43	14 2	0 44	10 43	1 48	4 34	14 25	6 24	6 1	24 28	10 0	0 2	M18
T 19	23 26	22 44	3 17	25 23	2 3	17 5	1 47	14 57	0 43	22 16	0 28	12 0	1 43	14 3	0 44	10 43	1 48	4 34	14 25	6 27	6 3	24 26	10 0	0 2	T 19
W20	23 27	18 47	2 26	25 21	2 5	17 24	1 45	15 9	0 43	22 17	0 28	11 58	1 43	14 3	0 45	10 43	1 48	4 34	14 25	6 30	6 4	24 25	9 59	0 2	W20
T 21	23 27	14 6	1 29	25 17	2 7	17 43	1 44	15 21	0 42	22 19	0 28	11 56	1 43	14 4	0 45	10 42	1 48	4 34	14 25	6 31	6 5	24 23	9 59	0 1	T 21
F 22	23 27	8 51	0 27	25 11	2 9	18 1	1 42	15 33	0 42	22 20	0 28	11 55	1 43	14 4	0 45	10 42	1 48	4 34	14 24	6 32	6 6	24 21	9 58	0 1	F 22
S 23	23 27	3 14	0n37	25 4	2 10	18 19	1 40	15 45	0 41	22 21	0 28	11 53	1 43	14 4	0 45	10 42	1 48	4 34	14 24	6 32	6 8	24 19	9 58	0 1	S 23
S 24	23 26	2n38	1 41	24 56	2 11	18 37	1 38	15 57	0 41	22 23	0 28	11 51	1 43	14 5	0 45	10 42	1 48	4 34	14 24	6 32	6 9	24 17	9 58	0 1	S 24
M25	23 24	8 33	2 42	24 46	2 11	18 54	1 36	16 9	0 41	22 24	0 28	11 49	1 43	14 5	0 45	10 42	1 48	4 34	14 24	6 32	6 10	24 15	9 57	0 1	M25
T 26	23 23	14 18	3 36	24 34	2 11	19 10	1 34	16 20	0 40	22 25	0 28	11 47	1 42	14 6	0 45	10 41	1 48	4 34	14 23	6 33	6 11	24 13	9 57	0 1	T 26
W27	23 20	19 35	4 20	24 21	2 10	19 26	1 33	16 32	0 40	22 27	0 28	11 46	1 42	14 6	0 45	10 41	1 48	4 34	14 23	6 35	6 13	24 11	9 57	0 1	W27
T 28	23 17	24 0	4 50	24 6	2 9	19 42	1 30	16 43	0 39	22 28	0 28	11 44	1 42	14 7	0 45	10 41	1 48	4 34	14 23	6 38	6 14	24 9	9 56	0 1	T 28
F 29	23 14	27 4	5 3	23 50	2 8	19 57	1 28	16 54	0 39	22 29	0 28	11 42	1 42	14 7	0 45	10 41	1 48	4 34	14 23	6 41	6 15	24 7	9 56	0 1	F 29
S 30	23 10	28 19	4 56	23 32	2 5	20 11	1 26	17 5	0 38	22 30	0 28	11 40	1 42	14 8	0 45	10 41	1 48	4 34	14 23	6 45	6 16	24 5	9 56	0 1	S 30
S 31	23s 6	27n27	4n27	23s13	2s 3	20s25	1n24	17s16	0n38	22s31	0n28	11s38	1s42	14n 8	0n45	10n41	1s48	4n34	14s22	6s49	6s17	24s 3	9n56	0n 1	S 31

Julian Day Number = 2406589.5, Delta T = -2.00 sec
Ecliptic obliquity = 23°27'27, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°01'17, Lahiri = 22°08'18

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ASTRODIENST EPHEMERIS for the year 1877
geocentric

JANUARY 1877 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 42 59	10♑44'49	26♋12	26♑15	10♐ 7	21♏ 5	18♐59	4♓ 6	24°R16	2°R33	22°R50	12°R31	13♓58	28♑42	25°R38	M 1
T 2	6 46 56	11°45'58	11♌22	27°47	11°21	21°44	19°12	4°11	24♌14	2♉32	22♉50	12♓24	13°55	28°49	25♈38	T 2
W 3	6 50 53	12°47'07	26°15	29°18	12°36	22°24	19°25	4°17	24°12	2°32	22°49	12°21	13°52	28°56	25°38	W 3
T 4	6 54 49	13°48'16	10♍45	0♒47	13°50	23° 3	19°38	4°22	24°11	2°32	22°48	12°D20	13°49	29° 2	25°38	T 4
F 5	6 58 46	14°49'25	24°51	2°15	15° 5	23°42	19°51	4°28	24° 9	2°31	22°48	12°20	13°46	29° 9	25°D38	F 5
S 6	7 2 42	15°50'34	8♎30	3°40	16°19	24°21	20° 4	4°33	24° 7	2°31	22°47	12°21	13°42	29°16	25°38	S 6
S 7	7 6 39	16°51'44	21°46	5° 2	17°33	25° 0	20°17	4°39	24° 5	2°31	22°46	12°R21	13°39	29°23	25°38	S 7
M 8	7 10 35	17°52'53	4♏42	6°21	18°48	25°39	20°30	4°45	24° 3	2°31	22°46	12°20	13°36	29°29	25°38	M 8
T 9	7 14 32	18°54'03	17°20	7°36	20° 2	26°18	20°43	4°50	24° 1	2°31	22°45	12°16	13°33	29°36	25°38	T 9
W10	7 18 28	19°55'12	29°44	8°47	21°17	26°57	20°55	4°56	23°59	2°30	22°45	12°10	13°30	29°43	25°38	W10
T 11	7 22 25	20°56'21	11♐58	9°53	22°31	27°37	21° 8	5° 2	23°57	2°30	22°44	12° 1	13°26	29°49	25°39	T 11
F 12	7 26 22	21°57'31	24° 3	10°52	23°46	28°16	21°21	5° 8	23°55	2°D30	22°44	11°51	13°23	29°56	25°39	F 12
S 13	7 30 18	22°58'40	6♑ 1	11°45	25° 0	28°55	21°33	5°14	23°53	2°30	22°43	11°41	13°20	0♒ 3	25°39	S 13
S 14	7 34 15	23°59'48	17°55	12°30	26°15	29°34	21°46	5°20	23°51	2°30	22°43	11°31	13°17	0° 9	25°40	S 14
M15	7 38 11	25° 0'56	29°46	13° 7	27°30	0♐13	21°58	5°26	23°49	2°30	22°42	11°23	13°14	0°16	25°41	M15
T 16	7 42 8	26° 2'03	11♒34	13°34	28°44	0°53	22°11	5°33	23°46	2°31	22°42	11°17	13°11	0°23	25°41	T 16
W17	7 46 4	27° 3'10	23°23	13°51	29°59	1°32	22°23	5°39	23°44	2°31	22°41	11°13	13° 7	0°29	25°42	W17
T 18	7 50 1	28° 4'16	5♓15	13°R57	1♑13	2°11	22°35	5°45	23°42	2°31	22°41	11°11	13° 4	0°36	25°43	T 18
F 19	7 53 57	29° 5'21	17°12	13°52	2°28	2°50	22°48	5°51	23°40	2°31	22°41	11°D11	13° 1	0°43	25°43	F 19
S 20	7 57 54	0♒ 6'26	29°19	13°35	3°43	3°29	23° 0	5°58	23°37	2°31	22°40	11°12	12°58	0°49	25°44	S 20
S 21	8 1 51	1° 7'29	11♈38	13° 7	4°57	4° 8	23°12	6° 4	23°35	2°32	22°40	11°14	12°55	0°56	25°45	S 21
M22	8 5 47	2° 8'31	24°16	12°27	6°12	4°48	23°24	6°11	23°32	2°32	22°40	11°15	12°52	1° 3	25°46	M22
T 23	8 9 44	3° 9'32	7♉15	11°38	7°26	5°27	23°36	6°17	23°30	2°32	22°39	11°R15	12°48	1° 9	25°47	T 23
W24	8 13 40	4°10'33	20°41	10°39	8°41	6° 6	23°48	6°24	23°28	2°33	22°39	11°14	12°45	1°16	25°48	W24
T 25	8 17 37	5°11'32	4♊34	9°33	9°56	6°45	24° 0	6°30	23°25	2°33	22°39	11°11	12°42	1°23	25°49	T 25
F 26	8 21 33	6°12'30	18°56	8°22	11°10	7°24	24°11	6°37	23°23	2°34	22°38	11° 6	12°39	1°30	25°50	F 26
S 27	8 25 30	7°13'27	3♋44	7° 7	12°25	8° 4	24°23	6°44	23°20	2°34	22°38	11° 1	12°36	1°36	25°52	S 27
S 28	8 29 26	8°14'22	18°50	5°52	13°40	8°43	24°35	6°51	23°18	2°35	22°38	10°56	12°32	1°43	25°53	S 28
M29	8 33 23	9°15'17	4♌ 6	4°38	14°54	9°22	24°46	6°57	23°15	2°35	22°38	10°52	12°29	1°50	25°54	M29
T 30	8 37 20	10°16'10	19°22	3°28	16° 9	10° 1	24°58	7° 4	23°13	2°36	22°38	10°49	12°26	1°56	25°56	T 30
W31	8 41 16	11♒17'03	4♍27	2♒22	17♑24	10♐40	25♐ 9	7♓11	23♌10	2♉36	22♉38	10°D48	12♓23	2♒ 3	25♈57	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	23s 1	24n32	3n40	22s52	1s59	20s38	1n22	17s27	0n37	22s33	0n27	11s36	1s42	14n 9	0n45	10n41	1s48	4n34	14s22	6s52	6s19	24s 1	9n56	0n 1
T 2	22 56	19 54	2 37	22 30	1 55	20 51	1 20	17 38	0 37	22 34	0 27	11 34	1 42	14 10	0 45	10 41	1 48	4 34	14 22	6 55	6 20	23 59	9 55	0 1
W 3	22 51	14 7	1 25	22 6	1 50	21 3	1 17	17 48	0 36	22 35	0 27	11 32	1 42	14 10	0 45	10 41	1 48	4 34	14 21	6 56	6 21	23 57	9 55	0 0
T 4	22 44	7 40	0 8	21 42	1 44	21 14	1 15	17 59	0 35	22 36	0 27	11 30	1 42	14 11	0 45	10 41	1 47	4 35	14 21	6 56	6 22	23 55	9 55	0 0
F 5	22 38	1 2	1s 7	21 16	1 38	21 25	1 12	18 9	0 35	22 37	0 27	11 28	1 42	14 12	0 45	10 41	1 47	4 35	14 21	6 56	6 24	23 53	9 55	0 0
S 6	22 31	5s27	2 15	20 49	1 31	21 36	1 10	18 19	0 34	22 38	0 27	11 25	1 42	14 12	0 45	10 40	1 47	4 35	14 21	6 56	6 25	23 51	9 55	0 0
S 7	22 24	11 30	3 15	20 21	1 22	21 45	1 7	18 29	0 34	22 39	0 27	11 23	1 42	14 13	0 45	10 40	1 47	4 35	14 20	6 56	6 26	23 49	9 55	0 0
M 8	22 16	16 54	4 3	19 53	1 13	21 54	1 5	18 39	0 33	22 40	0 27	11 21	1 41	14 14	0 45	10 40	1 47	4 35	14 20	6 56	6 27	23 47	9 55	0 0
T 9	22 7	21 27	4 38	19 24	1 3	22 3	1 2	18 49	0 33	22 41	0 27	11 19	1 41	14 14	0 45	10 40	1 47	4 35	14 20	6 58	6 28	23 45	9 55	0s 0
W10	21 59	24 58	4 59	18 55	0 52	22 11	1 0	18 58	0 32	22 42	0 27	11 17	1 41	14 15	0 45	10 41	1 47	4 35	14 20	7 0	6 30	23 43	9 55	0 0
T 11	21 50	27 18	5 6	18 26	0 40	22 18	0 57	19 8	0 32	22 43	0 27	11 15	1 41	14 16	0 45	10 41	1 47	4 35	14 19	7 3	6 31	23 41	9 55	0 0
F 12	21 40	28 18	4 59	17 57	0 27	22 24	0 55	19 17	0 31	22 44	0 27	11 12	1 41	14 16	0 45	10 41	1 47	4 36	14 19	7 7	6 32	23 39	9 55	0 0
S 13	21 30	27 58	4 39	17 29	0 13	22 30	0 52	19 26	0 30	22 45	0 27	11 10	1 41	14 17	0 45	10 41	1 47	4 36	14 19	7 11	6 33	23 36	9 55	0 0
S 14	21 20	26 20	4 7	17 2	0n 2	22 35	0 49	19 35	0 30	22 45	0 27	11 8	1 41	14 18	0 45	10 41	1 47	4 36	14 18	7 15	6 35	23 34	9 55	0 0
M15	21 9	23 33	3 25	16 36	0 18	22 39	0 47	19 44	0 29	22 46	0 27	11 5	1 41	14 19	0 45	10 41	1 47	4 36	14 18	7 18	6 36	23 32	9 55	0 1
T 16	20 57	19 47	2 33	16 12	0 35	22 43	0 44	19 53	0 29	22 47	0 27	11 3	1 41	14 19	0 45	10 41	1 47	4 36	14 18	7 20	6 37	23 30	9 56	0 1
W17	20 46	15 13	1 35	15 50	0 53	22 46	0 41	20 2	0 28	22 48	0 27	11 1	1 41	14 20	0 45	10 41	1 47	4 36	14 18	7 22	6 38	23 28	9 56	0 1
T 18	20 34	10 5	0 32	15 31	1 11	22 49	0 38	20 10	0 27	22 48	0 27	10 58	1 41	14 21	0 45	10 41	1 47	4 37	14 17	7 23	6 39	23 26	9 56	0 1
F 19	20 21	4 33	0n33	15 15	1 29	22 50	0 36	20 18	0 27	22 49	0 27	10 56	1 41	14 22	0 46	10 41	1 47	4 37	14 17	7 23	6 41	23 24	9 56	0 1
S 20	20 9	1n13	1 37	15 3	1 47	22 51	0 33	20 26	0 26	22 50	0 26	10 54	1 41	14 22	0 46	10 41	1 47	4 37	14 17	7 22	6 42	23 22	9 56	0 1
S 21	19 55	7 2	2 38	14 53	2 5	22 52	0 30	20 34	0 25	22 51	0 26	10 51	1 41	14 23	0 46	10 42	1 46	4 37	14 16	7 22	6 43	23 20	9 57	0 1
M22	19 42	12 43	3 33	14 48	2 23	22 51	0 27	20 42	0 25	22 51	0 26	10 49	1 41	14 24	0 46	10 42	1 46	4 38	14 16	7 21	6 44	23 17	9 57	0 1
T 23	19 28	18 1	4 19	14 46	2 39	22 50	0 25	20 50	0 24	22 52	0 26	10 46	1 41	14 25	0 46	10 42	1 46	4 38	14 16	7 21	6 45	23 15	9 57	0 1
W24	19 14	22 37	4 52	14 47	2 54	22 49	0 22	20 57	0 23	22 52	0 26	10 44	1 41	14 26	0 46	10 42	1 46	4 38	14 15	7 22	6 47	23 13	9 58	0 1
T 25	18 59	26 8	5 10	14 52	3 7	22 46	0 19	21 5	0 23	22 53	0 26	10 41	1 41	14 26	0 46	10 42	1 46	4 38	14 15	7 23	6 48	23 11	9 58	0 1
F 26	18 44	28 7	5 9	15 0	3 18	22 43	0 16	21 12	0 22	22 54	0 26	10 39	1 41	14 27	0 46	10 42	1 46	4 38	14 15	7 24	6 49	23 9	9 58	0 1
S 27	18 29	28 12	4 48	15 10	3 26	22 39	0 14	21 19	0 21	22 54	0 26	10 36	1 41	14 28	0 46	10 43	1 46	4 39	14 14	7 26	6 50	23 7	9 59	0 1
S 28	18 13	26 12	4 7	15 23	3 33	22 35	0 11	21 26	0 21	22 55	0 26	10 34	1 41	14 29	0 46	10 43	1 46	4 39	14 14	7 28	6 52	23 5	9 59	0 2
M29	17 57	22 17	3 7	15 37	3 36	22 29	0 8	21 33	0 20	22 55	0 26	10 31	1 41	14 30	0 46	10 43	1 46	4 39	14 14	7 30	6 53	23 2	9 59	0 2
T 30	17 41	16 50	1 55	15 52	3 38	22 24	0 5	21 39	0 19	22 56	0 26	10 29	1 40	14 31	0 46	10 43	1 46	4 40	14 14	7 31	6 54	23 0	10 0	0 2
W31	17s24	10n25	0n35	16s 8	3n37	22s17	0n 3	21s46	0n18	22s56	0n26	10s26	1s40	14n31	0n46	10n44	1s46	4n40	14s13	7s31	6s55	22s58	10n 0	0s 2

Julian Day Number = 2406620.5, Delta T = -2.04 sec
Ecliptic obliquity = 23°27'27, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°01'22, Lahiri = 22°08'22

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ASTRODIENST EPHEMERIS for the year 1877
geocentric

FEBRUARY 1877 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 45 13	12♒17'54	19♍13	1°R22	18♉38	11♐20	25♐20	7♓18	23°R 8	2♉37	22°R38	10♓48	12♓20	2♒10	25♈59	T 1
F 2	8 49 9	13°18'44	3♎34	0♒30	19°53	11°59	25°31	7°25	23♌ 5	2°38	22♉37	10°49	12°17	2°16	26° 0	F 2
S 3	8 53 6	14°19'34	17°27	29♉46	21° 8	12°38	25°43	7°32	23° 2	2°38	22°37	10°50	12°13	2°23	26° 2	S 3
S 4	8 57 2	15°20'22	0♏53	29°10	22°23	13°17	25°54	7°39	23° 0	2°39	22°37	10°52	12°10	2°30	26° 4	S 4
M 5	9 0 59	16°21'10	13°54	28°42	23°37	13°57	26° 5	7°46	22°57	2°40	22°D37	10°R53	12° 7	2°36	26° 5	M 5
T 6	9 4 55	17°21'57	26°33	28°23	24°52	14°36	26°15	7°53	22°55	2°41	22°37	10°52	12° 4	2°43	26° 7	T 6
W 7	9 8 52	18°22'43	8♐55	28°12	26° 7	15°15	26°26	8° 0	22°52	2°42	22°37	10°51	12° 1	2°50	26° 9	W 7
T 8	9 12 49	19°23'28	21° 3	28°D 9	27°21	15°54	26°37	8° 7	22°49	2°43	22°37	10°48	11°58	2°56	26°11	T 8
F 9	9 16 45	20°24'11	3♑ 2	28°12	28°36	16°33	26°48	8°14	22°47	2°44	22°38	10°45	11°54	3° 3	26°13	F 9
S 10	9 20 42	21°24'54	14°54	28°23	29°51	17°13	26°58	8°21	22°44	2°44	22°38	10°42	11°51	3°10	26°15	S 10
S 11	9 24 38	22°25'35	26°44	28°40	1♒ 6	17°52	27° 8	8°28	22°42	2°45	22°38	10°39	11°48	3°16	26°17	S 11
M12	9 28 35	23°26'15	8♒32	29° 3	2°20	18°31	27°19	8°35	22°39	2°47	22°38	10°36	11°45	3°23	26°19	M12
T 13	9 32 31	24°26'54	20°23	29°32	3°35	19°10	27°29	8°42	22°36	2°48	22°38	10°34	11°42	3°30	26°21	T 13
W14	9 36 28	25°27'31	2♓17	0♒ 5	4°50	19°49	27°39	8°50	22°34	2°49	22°38	10°33	11°38	3°36	26°23	W14
T 15	9 40 24	26°28'06	14°17	0°43	6° 4	20°29	27°49	8°57	22°31	2°50	22°38	10°D33	11°35	3°43	26°26	T 15
F 16	9 44 21	27°28'40	26°24	1°25	7°19	21° 8	27°59	9° 4	22°28	2°51	22°39	10°33	11°32	3°50	26°28	F 16
S 17	9 48 18	28°29'12	8♈41	2°12	8°34	21°47	28° 9	9°11	22°26	2°52	22°39	10°34	11°29	3°56	26°30	S 17
S 18	9 52 14	29°29'43	21°10	3° 2	9°49	22°26	28°18	9°19	22°23	2°53	22°39	10°35	11°26	4° 3	26°33	S 18
M19	9 56 11	0♓30'11	3♉54	3°55	11° 3	23° 5	28°28	9°26	22°21	2°55	22°39	10°36	11°23	4°10	26°35	M19
T 20	10 0 7	1°30'38	16°56	4°51	12°18	23°45	28°37	9°33	22°18	2°56	22°40	10°37	11°19	4°16	26°37	T 20
W21	10 4 4	2°31'03	0♊17	5°50	13°33	24°24	28°47	9°40	22°15	2°57	22°40	10°R37	11°16	4°23	26°40	W21
T 22	10 8 0	3°31'26	14° 1	6°52	14°47	25° 3	28°56	9°48	22°13	2°58	22°40	10°37	11°13	4°30	26°43	T 22
F 23	10 11 57	4°31'47	28° 7	7°56	16° 2	25°42	29° 5	9°55	22°10	3° 0	22°41	10°37	11°10	4°36	26°45	F 23
S 24	10 15 53	5°32'06	12♋35	9° 3	17°17	26°21	29°14	10° 2	22° 8	3° 1	22°41	10°36	11° 7	4°43	26°48	S 24
S 25	10 19 50	6°32'23	27°20	10°11	18°31	27° 0	29°23	10°10	22° 5	3° 3	22°42	10°36	11° 4	4°50	26°50	S 25
M26	10 23 47	7°32'38	12♌18	11°22	19°46	27°39	29°31	10°17	22° 3	3° 4	22°42	10°35	11° 0	4°56	26°53	M26
T 27	10 27 43	8°32'51	27°20	12°35	21° 1	28°18	29°40	10°24	22° 0	3° 5	22°43	10°35	10°57	5° 3	26°56	T 27
W28	10 31 40	9♓33'02	12♍18	13♒49	22♒15	28♐58	29♐48	10♓32	21♌58	3♉ 7	22♉43	10°D35	10♓54	5♒10	26♈59	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17s 7	3n34	0s46	16s24	3n33	22s10	0s 0	21s52	0n18	22s57	0n26	10s24	1s40	14n32	0n46	10n44	1s46	4n40	14s13	7s31	6s56	22s56	10n 1	0s 2	T 1
F 2	16 50	3s17	2 2	16 40	3 28	22 2	0 3	21 58	0 17	22 57	0 26	10 21	1 40	14 33	0 46	10 44	1 46	4 40	14 13	7 31	6 58	22 54	10 1	0 2	F 2
S 3	16 33	9 45	3 8	16 56	3 21	21 53	0 6	22 4	0 16	22 57	0 26	10 18	1 40	14 34	0 46	10 45	1 46	4 41	14 12	7 30	6 59	22 51	10 2	0 2	S 3
S 4	16 15	15 33	4 1	17 11	3 13	21 44	0 8	22 9	0 15	22 58	0 26	10 16	1 40	14 35	0 46	10 45	1 46	4 41	14 12	7 30	7 0	22 49	10 2	0 2	S 4
M 5	15 57	20 29	4 41	17 26	3 4	21 34	0 11	22 15	0 15	22 58	0 26	10 13	1 40	14 36	0 46	10 45	1 46	4 41	14 12	7 30	7 1	22 47	10 3	0 2	M 5
T 6	15 39	24 20	5 5	17 40	2 54	21 24	0 13	22 20	0 14	22 59	0 26	10 10	1 40	14 37	0 46	10 46	1 46	4 42	14 11	7 30	7 2	22 45	10 4	0 2	T 6
W 7	15 20	26 59	5 15	17 52	2 43	21 12	0 16	22 25	0 13	22 59	0 26	10 8	1 40	14 38	0 46	10 46	1 45	4 42	14 11	7 30	7 4	22 43	10 4	0 2	W 7
T 8	15 1	28 18	5 10	18 4	2 32	21 1	0 19	22 30	0 12	22 59	0 26	10 5	1 40	14 38	0 46	10 46	1 45	4 42	14 11	7 31	7 5	22 40	10 5	0 2	T 8
F 9	14 42	28 17	4 51	18 15	2 20	20 48	0 21	22 35	0 11	22 59	0 26	10 2	1 40	14 39	0 46	10 47	1 45	4 43	14 10	7 32	7 6	22 38	10 5	0 2	F 9
S 10	14 23	26 56	4 21	18 25	2 8	20 35	0 24	22 40	0 11	23 0	0 26	10 0	1 40	14 40	0 46	10 47	1 45	4 43	14 10	7 34	7 7	22 36	10 6	0 3	S 10
S 11	14 3	24 24	3 39	18 33	1 56	20 21	0 26	22 44	0 10	23 0	0 26	9 57	1 40	14 41	0 46	10 47	1 45	4 43	14 10	7 35	7 9	22 34	10 7	0 3	S 11
M12	13 43	20 50	2 48	18 40	1 44	20 7	0 29	22 49	0 9	23 0	0 26	9 54	1 40	14 42	0 46	10 48	1 45	4 44	14 9	7 36	7 10	22 31	10 7	0 3	M12
T 13	13 23	16 26	1 49	18 46	1 32	19 52	0 31	22 53	0 8	23 1	0 26	9 52	1 40	14 43	0 46	10 48	1 45	4 44	14 9	7 37	7 11	22 29	10 8	0 3	T 13
W14	13 3	11 23	0 46	18 51	1 20	19 37	0 33	22 57	0 7	23 1	0 25	9 49	1 40	14 44	0 46	10 49	1 45	4 44	14 9	7 37	7 12	22 27	10 9	0 3	W14
T 15	12 42	5 52	0n21	18 54	1 8	19 21	0 36	23 1	0 6	23 1	0 25	9 46	1 40	14 44	0 46	10 49	1 45	4 45	14 8	7 37	7 13	22 25	10 10	0 3	T 15
F 16	12 21	0 6	1 27	18 57	0 56	19 4	0 38	23 4	0 6	23 1	0 25	9 44	1 40	14 45	0 46	10 50	1 45	4 45	14 8	7 37	7 15	22 22	10 10	0 3	F 16
S 17	12 1	5n44	2 30	18 57	0 45	18 47	0 40	23 7	0 5	23 1	0 25	9 41	1 40	14 46	0 46	10 50	1 45	4 45	14 8	7 37	7 16	22 20	10 11	0 3	S 17
S 18	11 39	11 27	3 27	18 57	0 34	18 29	0 43	23 11	0 4	23 1	0 25	9 38	1 40	14 47	0 46	10 50	1 45	4 46	14 7	7 36	7 17	22 18	10 12	0 3	S 18
M19	11 18	16 49	4 15	18 55	0 23	18 11	0 45	23 14	0 3	23 2	0 25	9 35	1 41	14 48	0 46	10 51	1 45	4 46	14 7	7 36	7 18	22 15	10 13	0 3	M19
T 20	10 57	21 33	4 51	18 52	0 12	17 52	0 47	23 17	0 2	23 2	0 25	9 33	1 41	14 49	0 46	10 51	1 45	4 47	14 7	7 35	7 19	22 13	10 13	0 3	T 20
W21	10 35	25 19	5 12	18 47	0 2	17 33	0 49	23 19	0 1	23 2	0 25	9 30	1 41	14 50	0 46	10 52	1 45	4 47	14 6	7 35	7 21	22 11	10 14	0 3	W21
T 22	10 13	27 45	5 17	18 42	0s 8	17 14	0 51	23 22	0 0	23 2	0 25	9 27	1 41	14 50	0 46	10 52	1 45	4 47	14 6	7 35	7 22	22 9	10 15	0 3	T 22
F 23	9 51	28 29	5 3	18 35	0 17	16 53	0 53	23 24	0s 1	23 2	0 25	9 25	1 41	14 51	0 46	10 53	1 45	4 48	14 6	7 36	7 23	22 6	10 16	0 4	F 23
S 24	9 29	27 20	4 30	18 26	0 27	16 33	0 55	23 26	0 2	23 2	0 25	9 22	1 41	14 52	0 46	10 53	1 45	4 48	14 6	7 36	7 24	22 4	10 17	0 4	S 24
S 25	9 7	24 16	3 38	18 16	0 35	16 11	0 57	23 28	0 3	23 2	0 25	9 19	1 41	14 53	0 46	10 54	1 44	4 49	14 5	7 36	7 25	22 2	10 18	0 4	S 25
M26	8 45	19 32	2 31	18 5	0 44	15 50	0 59	23 30	0 4	23 2	0 25	9 16	1 41	14 54	0 46	10 54	1 44	4 49	14 5	7 36	7 27	21 59	10 19	0 4	M26
T 27	8 22	13 33	1 13	17 53	0 52	15 28	1 1	23 32	0 5	23 2	0 25	9 14	1 41	14 54	0 46	10 55	1 44	4 49	14 5	7 36	7 28	21 57	10 20	0 4	T 27
W28	8s 0	6n48	0s10	17s39	1s 0	15s 5	1s 3	23s33	0s 6	23s 2	0n25	9s11	1s41	14n55	0n46	10n56	1s44	4n50	14s 4	7s36	7s29	21s55	10n21	0s 4	W28

Julian Day Number = 2406651.5, Delta T = -2.08 sec
Ecliptic obliquity = 23°27'28, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°01'26, Lahiri = 22°08'26

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ASTRODIENST EPHEMERIS for the year 1877
geocentric

MARCH 1877 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 35 36	10♓33'12	27♍ 4	15♒ 5	23♒30	29♐37	29♐57	10♓39	21°R55	3♉ 8	22♉44	10°R35	10♓51	5♒16	27♈ 2	T 1
F 2	10 39 33	11°33'19	11♎30	16°23	24°45	0♑16	0♑ 5	10°46	21♌53	3°10	22°44	10♓35	10°48	5°23	27° 4	F 2
S 3	10 43 29	12°33'25	25°32	17°42	25°59	0°55	0°13	10°54	21°50	3°12	22°45	10°35	10°44	5°30	27° 7	S 3
S 4	10 47 26	13°33'30	9♏ 8	19° 3	27°14	1°34	0°21	11° 1	21°48	3°13	22°45	10°35	10°41	5°36	27°10	S 4
M 5	10 51 22	14°33'33	22°18	20°25	28°29	2°13	0°29	11° 8	21°46	3°15	22°46	10°34	10°38	5°43	27°13	M 5
T 6	10 55 19	15°33'34	5♐ 4	21°49	29°43	2°52	0°37	11°16	21°43	3°16	22°46	10°34	10°35	5°50	27°16	T 6
W 7	10 59 16	16°33'33	17°29	23°14	0♓58	3°31	0°44	11°23	21°41	3°18	22°47	10°D34	10°32	5°56	27°19	W 7
T 8	11 3 12	17°33'31	29°39	24°41	2°12	4°10	0°52	11°30	21°39	3°20	22°48	10°34	10°29	6° 3	27°22	T 8
F 9	11 7 9	18°33'28	11♑36	26° 9	3°27	4°49	0°59	11°38	21°36	3°21	22°48	10°35	10°25	6°10	27°25	F 9
S 10	11 11 5	19°33'22	23°27	27°38	4°42	5°28	1° 6	11°45	21°34	3°23	22°49	10°36	10°22	6°16	27°29	S 10
S 11	11 15 2	20°33'15	5♒15	29° 8	5°56	6° 7	1°13	11°52	21°32	3°25	22°50	10°37	10°19	6°23	27°32	S 11
M12	11 18 58	21°33'06	17° 4	0♓40	7°11	6°46	1°20	12° 0	21°30	3°27	22°50	10°38	10°16	6°30	27°35	M12
T 13	11 22 55	22°32'55	28°58	2°12	8°25	7°25	1°27	12° 7	21°28	3°28	22°51	10°38	10°13	6°37	27°38	T 13
W14	11 26 51	23°32'43	11♓ 0	3°46	9°40	8° 4	1°33	12°14	21°25	3°30	22°52	10°R39	10° 9	6°43	27°42	W14
T 15	11 30 48	24°32'28	23°11	5°22	10°55	8°43	1°39	12°21	21°23	3°32	22°53	10°38	10° 6	6°50	27°45	T 15
F 16	11 34 45	25°32'11	5♈33	6°58	12° 9	9°22	1°46	12°29	21°21	3°34	22°53	10°37	10° 3	6°57	27°48	F 16
S 17	11 38 41	26°31'53	18° 7	8°36	13°24	10° 1	1°52	12°36	21°19	3°36	22°54	10°35	10° 0	7° 3	27°52	S 17
S 18	11 42 38	27°31'32	0♉55	10°15	14°38	10°40	1°58	12°43	21°17	3°38	22°55	10°33	9°57	7°10	27°55	S 18
M19	11 46 34	28°31'09	13°56	11°55	15°53	11°18	2° 3	12°50	21°15	3°40	22°56	10°30	9°54	7°17	27°58	M19
T 20	11 50 31	29°30'44	27°11	13°37	17° 7	11°57	2° 9	12°57	21°13	3°42	22°57	10°28	9°50	7°23	28° 2	T 20
W21	11 54 27	0♈30'16	10♊41	15°20	18°22	12°36	2°15	13° 5	21°12	3°44	22°58	10°26	9°47	7°30	28° 5	W21
T 22	11 58 24	1°29'47	24°25	17° 4	19°36	13°15	2°20	13°12	21°10	3°45	22°59	10°25	9°44	7°37	28° 9	T 22
F 23	12 2 20	2°29'15	8♋23	18°49	20°51	13°53	2°25	13°19	21° 8	3°47	22°59	10°D25	9°41	7°43	28°12	F 23
S 24	12 6 17	3°28'40	22°35	20°36	22° 5	14°32	2°30	13°26	21° 6	3°49	23° 0	10°26	9°38	7°50	28°16	S 24
S 25	12 10 14	4°28'04	6♌58	22°24	23°20	15°11	2°35	13°33	21° 4	3°51	23° 1	10°27	9°35	7°57	28°19	S 25
M26	12 14 10	5°27'25	21°30	24°13	24°34	15°50	2°39	13°40	21° 3	3°54	23° 2	10°28	9°31	8° 3	28°23	M26
T 27	12 18 7	6°26'43	6♍ 6	26° 4	25°48	16°28	2°44	13°47	21° 1	3°56	23° 3	10°R29	9°28	8°10	28°26	T 27
W28	12 22 3	7°25'59	20°42	27°56	27° 3	17° 7	2°48	13°54	21° 0	3°58	23° 4	10°29	9°25	8°17	28°30	W28
T 29	12 26 0	8°25'13	5♎11	29°49	28°17	17°45	2°52	14° 1	20°58	4° 0	23° 5	10°27	9°22	8°23	28°34	T 29
F 30	12 29 56	9°24'25	19°26	1♈44	29°32	18°24	2°56	14° 8	20°57	4° 2	23° 6	10°24	9°19	8°30	28°37	F 30
S 31	12 33 53	10♈23'36	3♏24	3♈40	0♈46	19♑ 2	3♑ 0	14♓14	20♌55	4♉ 4	23♉ 7	10♓20	9♓15	8♒36	28♈41	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s37	0s13	1s30	17s24	1s 8	14s42	1s 4	23s34	0s 7	23s 2	0n25	9s 8	1s41	14n56	0n46	10n56	1s44	4n50	14s 4	7s36	7s30	21s52	10n22	0s 4
F 2	7 14	7 4	2 44	17 8	1 15	14 19	1 6	23 35	0 8	23 3	0 25	9 5	1 41	14 57	0 46	10 57	1 44	4 51	14 4	7 36	7 31	21 50	10 22	0 4
S 3	6 51	13 22	3 45	16 50	1 22	13 55	1 7	23 36	0 9	23 3	0 25	9 3	1 41	14 58	0 46	10 57	1 44	4 51	14 3	7 36	7 33	21 48	10 23	0 4
S 4	6 28	18 50	4 31	16 31	1 28	13 31	1 9	23 37	0 10	23 3	0 25	9 0	1 41	14 58	0 46	10 58	1 44	4 51	14 3	7 36	7 34	21 45	10 24	0 4
M 5	6 5	23 13	5 2	16 11	1 34	13 7	1 11	23 37	0 11	23 3	0 25	8 57	1 41	14 59	0 46	10 58	1 44	4 52	14 3	7 36	7 35	21 43	10 25	0 4
T 6	5 42	26 20	5 16	15 49	1 40	12 42	1 12	23 38	0 12	23 3	0 25	8 54	1 41	15 0	0 46	10 59	1 44	4 52	14 2	7 37	7 36	21 40	10 26	0 4
W 7	5 19	28 6	5 15	15 26	1 45	12 17	1 13	23 38	0 13	23 3	0 25	8 52	1 41	15 1	0 46	11 0	1 44	4 53	14 2	7 37	7 38	21 38	10 28	0 4
T 8	4 55	28 28	5 0	15 2	1 50	11 51	1 15	23 38	0 14	23 3	0 25	8 49	1 41	15 1	0 46	11 0	1 44	4 53	14 2	7 37	7 39	21 36	10 29	0 5
F 9	4 32	27 28	4 32	14 36	1 54	11 26	1 16	23 37	0 15	23 3	0 25	8 46	1 41	15 2	0 46	11 1	1 44	4 54	14 2	7 36	7 40	21 33	10 30	0 5
S 10	4 8	25 15	3 53	14 10	1 58	11 0	1 17	23 37	0 16	23 2	0 25	8 43	1 41	15 3	0 46	11 1	1 44	4 54	14 1	7 36	7 41	21 31	10 31	0 5
S 11	3 45	21 57	3 4	13 41	2 2	10 33	1 18	23 36	0 18	23 2	0 25	8 41	1 41	15 3	0 46	11 2	1 44	4 55	14 1	7 36	7 42	21 29	10 32	0 5
M12	3 21	17 45	2 7	13 12	2 5	10 6	1 19	23 36	0 19	23 2	0 25	8 38	1 42	15 4	0 46	11 3	1 44	4 55	14 1	7 35	7 44	21 26	10 33	0 5
T 13	2 58	12 51	1 4	12 42	2 8	9 40	1 20	23 35	0 20	23 2	0 25	8 35	1 42	15 5	0 46	11 3	1 44	4 55	14 0	7 35	7 45	21 24	10 34	0 5
W14	2 34	7 25	0n 2	12 10	2 11	9 12	1 21	23 34	0 21	23 2	0 25	8 33	1 42	15 6	0 46	11 4	1 44	4 56	14 0	7 35	7 46	21 21	10 35	0 5
T 15	2 10	1 39	1 9	11 37	2 13	8 45	1 22	23 32	0 22	23 2	0 25	8 30	1 42	15 6	0 46	11 5	1 44	4 56	14 0	7 35	7 47	21 19	10 36	0 5
F 16	1 47	4n15	2 14	11 2	2 14	8 17	1 23	23 31	0 23	23 2	0 25	8 27	1 42	15 7	0 46	11 5	1 44	4 57	14 0	7 35	7 48	21 16	10 37	0 5
S 17	1 23	10 5	3 13	10 27	2 16	7 49	1 24	23 29	0 25	23 2	0 24	8 24	1 42	15 7	0 46	11 6	1 44	4 57	13 59	7 36	7 50	21 14	10 38	0 5
S 18	0 59	15 36	4 3	9 50	2 16	7 21	1 24	23 27	0 26	23 2	0 24	8 22	1 42	15 8	0 46	11 7	1 44	4 58	13 59	7 37	7 51	21 12	10 40	0 5
M19	0 35	20 31	4 42	9 12	2 16	6 53	1 25	23 25	0 27	23 2	0 24	8 19	1 42	15 9	0 45	11 7	1 44	4 58	13 59	7 38	7 52	21 9	10 41	0 5
T 20	0 12	24 31	5 7	8 33	2 16	6 24	1 26	23 23	0 28	23 2	0 24	8 16	1 42	15 9	0 45	11 8	1 44	4 59	13 59	7 39	7 53	21 7	10 42	0 5
W21	0n12	27 16	5 15	7 52	2 16	5 56	1 26	23 21	0 30	23 2	0 24	8 14	1 42	15 10	0 45	11 9	1 44	4 59	13 58	7 40	7 54	21 4	10 43	0 5
T 22	0 36	28 26	5 6	7 11	2 15	5 27	1 26	23 19	0 31	23 2	0 24	8 11	1 42	15 10	0 45	11 9	1 43	4 59	13 58	7 40	7 56	21 2	10 44	0 6
F 23	0 59	27 50	4 39	6 28	2 13	4 58	1 27	23 16	0 32	23 2	0 24	8 8	1 43	15 11	0 45	11 10	1 43	5 0	13 58	7 40	7 57	20 59	10 45	0 6
S 24	1 23	25 25	3 54	5 44	2 11	4 29	1 27	23 13	0 33	23 2	0 24	8 6	1 43	15 11	0 45	11 11	1 43	5 0	13 58	7 40	7 58	20 57	10 47	0 6
S 25	1 47	21 21	2 54	4 59	2 8	3 59	1 27	23 10	0 35	23 2	0 24	8 3	1 43	15 12	0 45	11 12	1 43	5 1	13 57	7 39	7 59	20 54	10 48	0 6
M26	2 10	15 58	1 43	4 13	2 5	3 30	1 28	23 7	0 36	23 2	0 24	8 1	1 43	15 13	0 45	11 12	1 43	5 1	13 57	7 39	8 0	20 52	10 49	0 6
T 27	2 34	9 39	0 24	3 25	2 2	3 1	1 28	23 4	0 37	23 2	0 24	7 58	1 43	15 13	0 45	11 13	1 43	5 2	13 57	7 38	8 1	20 50	10 50	0 6
W28	2 57	2 50	0s56	2 37	1 58	2 31	1 28	23 0	0 39	23 2	0 24	7 55	1 43	15 13	0 45	11 14	1 43	5 2	13 57	7 39	8 3	20 47	10 51	0 6
T 29	3 21	4s 4	2 11	1 48	1 53	2 1	1 28	22 56	0 40	23 2	0 24	7 53	1 43	15 14	0 45	11 14	1 43	5 3	13 56	7 39	8 4	20 45	10 53	0 6
F 30	3 44	10 40	3 18	0 57	1 48	1 32	1 28	22 53	0 42	23 1	0 24	7 50	1 43	15 14	0 45	11 15	1 43	5 3	13 56	7 40	8 5	20 42	10 54	0 6
S 31	4n 7	16s35	4s10	0s 6	1s42	1s 2	1s27	22s49	0s43	23s 1	0n24	7s48	1s43	15n15	0n45	11n16	1s43	5n 4	13s56	7s42	8s 6	20s40	10n55	0s 6

Julian Day Number = 2406679.5, Delta T = -2.11 sec
Ecliptic obliquity = 23°27'28, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°01'30, Lahiri = 22°08'30

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ASTRODIENST EPHEMERIS for the year 1877
geocentric

APRIL 1877 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 37 49	11♈22'44	17♏ 0	5♈38	2♈ 0	19♉41	3♉ 4	14♓21	20°R54	4♉ 6	23♉ 8	10°R15	9♓12	8♒43	28♈44	S 1
M 2	12 41 46	12°21'50	0♐13	7°36	3°15	20°19	3° 7	14°28	20♌52	4° 8	23° 9	10♓10	9° 9	8°50	28°48	M 2
T 3	12 45 43	13°20'55	13° 3	9°36	4°29	20°58	3°10	14°35	20°51	4°10	23°10	10° 6	9° 6	8°56	28°52	T 3
W 4	12 49 39	14°19'58	25°32	11°37	5°43	21°36	3°13	14°42	20°50	4°12	23°11	10° 3	9° 3	9° 3	28°56	W 4
T 5	12 53 36	15°18'59	7♑44	13°39	6°58	22°15	3°16	14°48	20°49	4°15	23°13	10° 1	9° 0	9°10	28°59	T 5
F 6	12 57 32	16°17'58	19°43	15°43	8°12	22°53	3°19	14°55	20°47	4°17	23°14	10°D 1	8°56	9°16	29° 3	F 6
S 7	13 1 29	17°16'55	1♒35	17°47	9°26	23°31	3°21	15° 2	20°46	4°19	23°15	10° 2	8°53	9°23	29° 7	S 7
S 8	13 5 25	18°15'51	13°23	19°52	10°41	24°10	3°24	15° 8	20°45	4°21	23°16	10° 3	8°50	9°30	29°10	S 8
M 9	13 9 22	19°14'45	25°14	21°57	11°55	24°48	3°26	15°15	20°44	4°23	23°17	10° 5	8°47	9°36	29°14	M 9
T 10	13 13 18	20°13'37	7♓12	24° 3	13° 9	25°26	3°28	15°21	20°43	4°25	23°18	10°R 6	8°44	9°43	29°18	T 10
W11	13 17 15	21°12'27	19°20	26° 9	14°23	26° 4	3°30	15°28	20°42	4°28	23°19	10° 5	8°41	9°50	29°22	W11
T 12	13 21 12	22°11'15	1♈42	28°15	15°38	26°42	3°31	15°34	20°41	4°30	23°21	10° 3	8°37	9°56	29°26	T 12
F 13	13 25 8	23°10'02	14°20	0♉21	16°52	27°20	3°33	15°40	20°41	4°32	23°22	9°59	8°34	10° 3	29°29	F 13
S 14	13 29 5	24° 8'46	27°14	2°26	18° 6	27°58	3°34	15°47	20°40	4°34	23°23	9°53	8°31	10°10	29°33	S 14
S 15	13 33 1	25° 7'29	10♉25	4°30	19°20	28°36	3°35	15°53	20°39	4°37	23°24	9°45	8°28	10°16	29°37	S 15
M16	13 36 58	26° 6'09	23°50	6°32	20°34	29°14	3°36	15°59	20°39	4°39	23°25	9°37	8°25	10°23	29°41	M16
T 17	13 40 54	27° 4'48	7♊29	8°33	21°49	29°52	3°37	16° 5	20°38	4°41	23°27	9°30	8°21	10°30	29°45	T 17
W18	13 44 51	28° 3'24	21°17	10°33	23° 3	0♒29	3°37	16°11	20°37	4°43	23°28	9°24	8°18	10°36	29°48	W18
T 19	13 48 47	29° 1'59	5♋14	12°29	24°17	1° 7	3°37	16°18	20°37	4°46	23°29	9°19	8°15	10°43	29°52	T 19
F 20	13 52 44	0♉ 0'31	19°16	14°24	25°31	1°45	3°R38	16°24	20°36	4°48	23°30	9°17	8°12	10°50	29°56	F 20
S 21	13 56 41	0°59'00	3♌23	16°15	26°45	2°22	3°37	16°30	20°36	4°50	23°32	9°D16	8° 9	10°56	29°59	S 21
S 22	14 0 37	1°57'28	17°33	18° 3	27°59	3° 0	3°37	16°35	20°36	4°52	23°33	9°17	8° 6	11° 3	0♉ 4	S 22
M23	14 4 34	2°55'53	1♍44	19°48	29°13	3°37	3°37	16°41	20°35	4°55	23°34	9°18	8° 2	11°10	0° 7	M23
T 24	14 8 30	3°54'17	15°55	21°29	0♉28	4°15	3°36	16°47	20°35	4°57	23°35	9°R18	7°59	11°16	0°11	T 24
W25	14 12 27	4°52'38	0♎ 4	23° 6	1°42	4°52	3°35	16°53	20°35	4°59	23°37	9°16	7°56	11°23	0°15	W25
T 26	14 16 23	5°50'57	14° 7	24°40	2°56	5°29	3°34	16°58	20°35	5° 1	23°38	9°12	7°53	11°30	0°19	T 26
F 27	14 20 20	6°49'14	28° 0	26° 9	4°10	6° 6	3°33	17° 4	20°35	5° 4	23°39	9° 5	7°50	11°36	0°23	F 27
S 28	14 24 16	7°47'29	11♏41	27°34	5°24	6°44	3°32	17°10	20°D35	5° 6	23°41	8°57	7°46	11°43	0°26	S 28
S 29	14 28 13	8°45'43	25° 5	28°55	6°38	7°21	3°30	17°15	20°35	5° 8	23°42	8°47	7°43	11°50	0°30	S 29
M30	14 32 9	9♉43'55	8♐10	0♊12	7♉52	7♒58	3♉28	17♓21	20♌35	5♉10	23♉43	8♓36	7♓40	11♒56	0♉34	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n30	21s31	4s47	0n46	1s36	0s32	1s27	22s45	0s44	23s 1	0n24	7s45	1s44	15n15	0n45	11n17	1s43	5n 4	13s56	7s44	8s 7	20s37	10n56	0s 6
M 2	4 53	25 13	5 8	1 39	1 29	0 2	1 27	22 40	0 46	23 1	0 24	7 43	1 44	15 16	0 45	11 17	1 43	5 4	13 55	7 46	8 9	20 35	10 57	0 6
T 3	5 16	27 32	5 12	2 33	1 22	0n28	1 27	22 36	0 47	23 1	0 24	7 40	1 44	15 16	0 45	11 18	1 43	5 5	13 55	7 47	8 10	20 32	10 59	0 6
W 4	5 39	28 24	5 1	3 27	1 15	0 57	1 26	22 31	0 49	23 1	0 24	7 38	1 44	15 16	0 45	11 19	1 43	5 5	13 55	7 48	8 11	20 29	11 0	0 7
T 5	6 2	27 50	4 37	4 22	1 6	1 27	1 26	22 27	0 50	23 1	0 24	7 35	1 44	15 17	0 45	11 20	1 43	5 6	13 55	7 49	8 12	20 27	11 1	0 7
F 6	6 25	25 58	4 1	5 18	0 58	1 57	1 25	22 22	0 52	23 1	0 24	7 33	1 44	15 17	0 45	11 20	1 43	5 6	13 55	7 49	8 13	20 24	11 2	0 7
S 7	6 47	22 59	3 15	6 14	0 49	2 27	1 25	22 17	0 53	23 1	0 24	7 30	1 44	15 17	0 45	11 21	1 43	5 7	13 54	7 49	8 15	20 22	11 4	0 7
S 8	7 10	19 3	2 20	7 10	0 39	2 57	1 24	22 12	0 55	23 1	0 24	7 28	1 44	15 18	0 45	11 22	1 43	5 7	13 54	7 48	8 16	20 19	11 5	0 7
M 9	7 32	14 23	1 20	8 6	0 29	3 26	1 23	22 6	0 56	23 1	0 24	7 26	1 45	15 18	0 45	11 22	1 43	5 8	13 54	7 48	8 17	20 17	11 6	0 7
T 10	7 55	9 7	0 16	9 2	0 19	3 56	1 22	22 1	0 58	23 1	0 24	7 23	1 45	15 18	0 45	11 23	1 43	5 8	13 54	7 47	8 18	20 14	11 8	0 7
W11	8 17	3 27	0n50	9 58	0 9	4 26	1 21	21 55	0 59	23 1	0 24	7 21	1 45	15 19	0 45	11 24	1 43	5 9	13 54	7 47	8 19	20 12	11 9	0 7
T 12	8 39	2n26	1 55	10 54	0n 2	4 55	1 21	21 50	1 1	23 1	0 24	7 18	1 45	15 19	0 45	11 25	1 43	5 9	13 53	7 48	8 21	20 9	11 10	0 7
F 13	9 1	8 20	2 55	11 48	0 13	5 24	1 20	21 44	1 2	23 1	0 24	7 16	1 45	15 19	0 45	11 26	1 43	5 9	13 53	7 50	8 22	20 7	11 11	0 7
S 14	9 22	14 2	3 47	12 42	0 24	5 54	1 19	21 38	1 4	23 1	0 23	7 14	1 45	15 19	0 45	11 26	1 43	5 10	13 53	7 52	8 23	20 4	11 13	0 7
S 15	9 44	19 12	4 29	13 35	0 35	6 23	1 18	21 32	1 6	23 1	0 23	7 11	1 45	15 19	0 45	11 27	1 43	5 10	13 53	7 55	8 24	20 1	11 14	0 7
M16	10 5	23 31	4 56	14 26	0 46	6 52	1 16	21 26	1 7	23 1	0 23	7 9	1 46	15 20	0 45	11 28	1 43	5 11	13 53	7 58	8 25	19 59	11 15	0 7
T 17	10 26	26 38	5 7	15 16	0 57	7 21	1 15	21 19	1 9	23 1	0 23	7 7	1 46	15 20	0 45	11 29	1 43	5 11	13 53	8 1	8 27	19 56	11 16	0 7
W18	10 47	28 11	5 1	16 4	1 8	7 49	1 14	21 13	1 11	23 1	0 23	7 5	1 46	15 20	0 45	11 29	1 43	5 12	13 52	8 3	8 28	19 54	11 18	0 8
T 19	11 8	27 58	4 37	16 50	1 18	8 18	1 13	21 6	1 12	23 1	0 23	7 2	1 46	15 20	0 45	11 30	1 43	5 12	13 52	8 5	8 29	19 51	11 19	0 8
F 20	11 29	25 58	3 56	17 34	1 28	8 46	1 11	20 59	1 14	23 1	0 23	7 0	1 46	15 20	0 45	11 31	1 43	5 13	13 52	8 6	8 30	19 49	11 20	0 8
S 21	11 50	22 21	3 1	18 16	1 38	9 14	1 10	20 53	1 16	23 1	0 23	6 58	1 46	15 20	0 44	11 32	1 43	5 13	13 52	8 6	8 31	19 46	11 21	0 8
S 22	12 10	17 24	1 54	18 56	1 47	9 42	1 8	20 46	1 18	23 1	0 23	6 56	1 47	15 20	0 44	11 32	1 43	5 13	13 52	8 6	8 32	19 43	11 23	0 8
M23	12 30	11 30	0 41	19 33	1 55	10 10	1 7	20 39	1 19	23 1	0 23	6 54	1 47	15 20	0 44	11 33	1 43	5 14	13 52	8 5	8 34	19 41	11 24	0 8
T 24	12 50	5 1	0s36	20 8	2 3	10 37	1 5	20 32	1 21	23 2	0 23	6 52	1 47	15 20	0 44	11 34	1 43	5 14	13 52	8 5	8 35	19 38	11 25	0 8
W25	13 9	1s42	1 49	20 40	2 10	11 4	1 4	20 24	1 23	23 2	0 23	6 50	1 47	15 20	0 44	11 35	1 43	5 15	13 52	8 6	8 36	19 36	11 27	0 8
T 26	13 29	8 16	2 55	21 10	2 17	11 31	1 2	20 17	1 25	23 2	0 23	6 48	1 47	15 20	0 44	11 35	1 43	5 15	13 51	8 8	8 37	19 33	11 28	0 8
F 27	13 48	14 21	3 50	21 37	2 23	11 58	1 0	20 10	1 27	23 2	0 23	6 46	1 47	15 20	0 44	11 36	1 43	5 15	13 51	8 10	8 38	19 30	11 29	0 8
S 28	14 7	19 38	4 31	22 1	2 27	12 24	0 59	20 2	1 29	23 2	0 23	6 44	1 48	15 20	0 44	11 37	1 43	5 16	13 51	8 13	8 40	19 28	11 30	0 8
S 29	14 26	23 50	4 56	22 24	2 31	12 51	0 57	19 54	1 30	23 2	0 23	6 42	1 48	15 20	0 44	11 38	1 43	5 16	13 51	8 17	8 41	19 25	11 32	0 8
M30	14n44	26s41	5s 4	22n43	2n34	13n16	0s55	19s47	1s32	23s 2	0n23	6s40	1s48	15n20	0n44	11n38	1s43	5n17	13s51	8s21	8s42	19s22	11n33	0s 8

Julian Day Number = 2406710.5, Delta T = -2.14 sec
Ecliptic obliquity = 23°27'28, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°01'34, Lahiri = 22°08'34

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ASTRODIENST EPHEMERIS for the year 1877
geocentric

MAY 1877 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 36 6	10♉42'05	20♐57	1♊24	9♉ 6	8♒35	3°R26	17♓26	20♌35	5♉13	23♉44	8°R27	7♓37	12♒ 3	0♉38	T 1
W 2	14 40 3	11°40'14	3♑24	2°31	10°20	9°11	3♑24	17°31	20°35	5°15	23°46	8♓19	7°34	12°10	0°42	W 2
T 3	14 43 59	12°38'21	15°36	3°34	11°34	9°48	3°22	17°36	20°36	5°17	23°47	8°13	7°31	12°16	0°45	T 3
F 4	14 47 56	13°36'27	27°36	4°32	12°48	10°25	3°19	17°42	20°36	5°19	23°48	8° 9	7°27	12°23	0°49	F 4
S 5	14 51 52	14°34'32	9♒28	5°25	14° 2	11° 1	3°17	17°47	20°36	5°22	23°50	8° 8	7°24	12°30	0°53	S 5
S 6	14 55 49	15°32'35	21°17	6°13	15°16	11°38	3°14	17°52	20°37	5°24	23°51	8°D 8	7°21	12°36	0°57	S 6
M 7	14 59 45	16°30'36	3♓ 8	6°57	16°30	12°14	3°11	17°57	20°37	5°26	23°52	8°R 8	7°18	12°43	1° 0	M 7
T 8	15 3 42	17°28'36	15° 8	7°36	17°44	12°50	3° 8	18° 2	20°38	5°28	23°54	8° 8	7°15	12°50	1° 4	T 8
W 9	15 7 38	18°26'35	27°21	8° 9	18°57	13°27	3° 4	18° 7	20°38	5°31	23°55	8° 7	7°12	12°56	1° 8	W 9
T 10	15 11 35	19°24'33	9♈50	8°38	20°11	14° 3	3° 1	18°11	20°39	5°33	23°57	8° 3	7° 8	13° 3	1°11	T 10
F 11	15 15 32	20°22'29	22°40	9° 2	21°25	14°39	2°57	18°16	20°39	5°35	23°58	7°56	7° 5	13°10	1°15	F 11
S 12	15 19 28	21°20'23	5♉51	9°20	22°39	15°14	2°53	18°21	20°40	5°37	23°59	7°47	7° 2	13°16	1°19	S 12
S 13	15 23 25	22°18'17	19°23	9°34	23°53	15°50	2°49	18°25	20°41	5°39	24° 1	7°37	6°59	13°23	1°22	S 13
M14	15 27 21	23°16'09	3♊13	9°42	25° 7	16°26	2°45	18°30	20°42	5°42	24° 2	7°25	6°56	13°30	1°26	M14
T 15	15 31 18	24°13'59	17°18	9°R46	26°21	17° 1	2°41	18°34	20°43	5°44	24° 3	7°14	6°52	13°36	1°30	T 15
W16	15 35 14	25°11'48	1♋32	9°44	27°35	17°37	2°36	18°38	20°44	5°46	24° 5	7° 4	6°49	13°43	1°33	W16
T 17	15 39 11	26° 9'36	15°51	9°39	28°49	18°12	2°31	18°43	20°45	5°48	24° 6	6°57	6°46	13°50	1°37	T 17
F 18	15 43 8	27° 7'21	0♌ 9	9°28	0♊ 2	18°47	2°26	18°47	20°46	5°50	24° 7	6°53	6°43	13°56	1°40	F 18
S 19	15 47 4	28° 5'05	14°23	9°14	1°16	19°22	2°21	18°51	20°47	5°52	24° 9	6°51	6°40	14° 3	1°44	S 19
S 20	15 51 1	29° 2'48	28°32	8°55	2°30	19°57	2°16	18°55	20°48	5°54	24°10	6°50	6°37	14°10	1°47	S 20
M21	15 54 57	0♊ 0'28	12♍34	8°33	3°44	20°31	2°11	18°59	20°49	5°57	24°11	6°50	6°33	14°16	1°51	M21
T 22	15 58 54	0°58'07	26°28	8° 7	4°58	21° 6	2° 6	19° 2	20°50	5°59	24°13	6°49	6°30	14°23	1°54	T 22
W23	16 2 50	1°55'45	10♎15	7°39	6°11	21°40	2° 0	19° 6	20°52	6° 1	24°14	6°46	6°27	14°29	1°58	W23
T 24	16 6 47	2°53'21	23°53	7° 9	7°25	22°14	1°54	19°10	20°53	6° 3	24°15	6°41	6°24	14°36	2° 1	T 24
F 25	16 10 43	3°50'56	7♏22	6°37	8°39	22°48	1°48	19°13	20°54	6° 5	24°17	6°32	6°21	14°43	2° 4	F 25
S 26	16 14 40	4°48'29	20°39	6° 4	9°53	23°22	1°43	19°17	20°56	6° 7	24°18	6°21	6°18	14°49	2° 8	S 26
S 27	16 18 37	5°46'01	3♐44	5°30	11° 6	23°56	1°36	19°20	20°57	6° 9	24°19	6° 9	6°14	14°56	2°11	S 27
M28	16 22 33	6°43'32	16°34	4°56	12°20	24°30	1°30	19°24	20°59	6°11	24°21	5°56	6°11	15° 3	2°14	M28
T 29	16 26 30	7°41'02	29° 9	4°23	13°34	25° 3	1°24	19°27	21° 1	6°13	24°22	5°44	6° 8	15° 9	2°18	T 29
W30	16 30 26	8°38'32	11♑29	3°51	14°48	25°36	1°18	19°30	21° 2	6°15	24°23	5°33	6° 5	15°16	2°21	W30
T 31	16 34 23	9♊36'00	23♑37	3♊20	16♊ 1	26♒ 9	1♑11	19♓33	21♌ 4	6♉17	24♉25	5♓25	6♓ 2	15♒23	2♉24	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 3	28s 5	4s57	23n 1	2n37	13n42	0s53	19s39	1s34	23s 2	0n23	6s38	1s48	15n20	0n44	11n39	1s43	5n17	13s51	8s25	8s43	19s20	11n34	0s 9
W 2	15 21	28 1	4 36	23 15	2 38	14 7	0 51	19 31	1 36	23 2	0 23	6 36	1 48	15 20	0 44	11 40	1 43	5 17	13 51	8 28	8 44	19 17	11 35	0 9
T 3	15 39	26 33	4 2	23 28	2 38	14 32	0 49	19 23	1 38	23 2	0 22	6 34	1 49	15 20	0 44	11 41	1 43	5 18	13 51	8 30	8 46	19 14	11 37	0 9
F 4	15 56	23 54	3 19	23 38	2 37	14 56	0 47	19 15	1 40	23 3	0 22	6 32	1 49	15 20	0 44	11 41	1 43	5 18	13 51	8 31	8 47	19 12	11 38	0 9
S 5	16 13	20 15	2 27	23 46	2 35	15 20	0 45	19 7	1 42	23 3	0 22	6 30	1 49	15 20	0 44	11 42	1 43	5 19	13 51	8 32	8 48	19 9	11 39	0 9
S 6	16 30	15 49	1 29	23 52	2 32	15 44	0 43	18 59	1 44	23 3	0 22	6 29	1 49	15 20	0 44	11 43	1 43	5 19	13 50	8 32	8 49	19 6	11 40	0 9
M 7	16 47	10 47	0 27	23 55	2 28	16 7	0 41	18 50	1 46	23 3	0 22	6 27	1 49	15 19	0 44	11 43	1 43	5 19	13 50	8 31	8 50	19 4	11 41	0 9
T 8	17 4	5 17	0n37	23 57	2 23	16 30	0 39	18 42	1 48	23 3	0 22	6 25	1 50	15 19	0 44	11 44	1 43	5 20	13 50	8 31	8 51	19 1	11 43	0 9
W 9	17 20	0n29	1 40	23 56	2 17	16 53	0 37	18 34	1 50	23 3	0 22	6 23	1 50	15 19	0 44	11 45	1 43	5 20	13 50	8 32	8 53	18 58	11 44	0 9
T 10	17 36	6 21	2 40	23 54	2 10	17 15	0 35	18 25	1 52	23 3	0 22	6 22	1 50	15 19	0 44	11 46	1 43	5 20	13 50	8 34	8 54	18 56	11 45	0 9
F 11	17 51	12 7	3 33	23 49	2 2	17 36	0 33	18 17	1 54	23 4	0 22	6 20	1 50	15 19	0 44	11 46	1 43	5 21	13 50	8 36	8 55	18 53	11 46	0 9
S 12	18 7	17 30	4 16	23 43	1 52	17 57	0 31	18 8	1 57	23 4	0 22	6 18	1 50	15 18	0 44	11 47	1 43	5 21	13 50	8 39	8 56	18 50	11 47	0 9
S 13	18 22	22 11	4 46	23 35	1 42	18 18	0 28	17 59	1 59	23 4	0 22	6 17	1 51	15 18	0 44	11 48	1 43	5 21	13 50	8 43	8 57	18 48	11 49	0 10
M14	18 36	25 44	5 0	23 25	1 31	18 38	0 26	17 51	2 1	23 4	0 22	6 15	1 51	15 18	0 44	11 48	1 43	5 22	13 50	8 48	8 58	18 45	11 50	0 10
T 15	18 51	27 46	4 57	23 13	1 18	18 58	0 24	17 42	2 3	23 4	0 22	6 14	1 51	15 17	0 44	11 49	1 43	5 22	13 50	8 52	9 0	18 42	11 51	0 10
W16	19 5	28 1	4 35	23 0	1 5	19 17	0 21	17 33	2 5	23 4	0 22	6 12	1 51	15 17	0 44	11 50	1 43	5 23	13 50	8 55	9 1	18 40	11 52	0 10
T 17	19 18	26 24	3 55	22 45	0 50	19 36	0 19	17 24	2 7	23 5	0 21	6 11	1 51	15 17	0 44	11 51	1 43	5 23	13 50	8 58	9 2	18 37	11 53	0 10
F 18	19 32	23 5	3 1	22 28	0 35	19 54	0 17	17 16	2 10	23 5	0 21	6 9	1 52	15 16	0 44	11 51	1 43	5 23	13 50	9 0	9 3	18 34	11 55	0 10
S 19	19 45	18 22	1 56	22 10	0 20	20 12	0 15	17 7	2 12	23 5	0 21	6 8	1 52	15 16	0 43	11 52	1 43	5 23	13 50	9 0	9 4	18 31	11 56	0 10
S 20	19 58	12 41	0 44	21 51	0 3	20 29	0 12	16 58	2 14	23 5	0 21	6 7	1 52	15 15	0 43	11 53	1 43	5 24	13 50	9 1	9 6	18 29	11 57	0 10
M21	20 10	6 23	0s30	21 31	0s14	20 45	0 10	16 49	2 17	23 5	0 21	6 5	1 52	15 15	0 43	11 53	1 43	5 24	13 50	9 1	9 7	18 26	11 58	0 10
T 22	20 22	0s 9	1 42	21 10	0 31	21 1	0 7	16 40	2 19	23 5	0 21	6 4	1 53	15 15	0 43	11 54	1 43	5 24	13 50	9 1	9 8	18 23	11 59	0 10
W23	20 34	6 37	2 47	20 48	0 49	21 17	0 5	16 31	2 21	23 6	0 21	6 3	1 53	15 14	0 43	11 55	1 43	5 25	13 50	9 2	9 9	18 20	12 0	0 10
T 24	20 45	12 42	3 41	20 26	1 6	21 31	0 3	16 22	2 24	23 6	0 21	6 1	1 53	15 14	0 43	11 55	1 43	5 25	13 50	9 4	9 10	18 18	12 1	0 10
F 25	20 56	18 7	4 23	20 3	1 24	21 45	0 0	16 13	2 26	23 6	0 21	6 0	1 53	15 13	0 43	11 56	1 43	5 25	13 50	9 7	9 11	18 15	12 2	0 10
S 26	21 7	22 34	4 49	19 41	1 41	21 59	0n 2	16 4	2 28	23 6	0 21	5 59	1 54	15 13	0 43	11 57	1 43	5 26	13 50	9 11	9 13	18 12	12 3	0 11
S 27	21 17	25 49	5 0	19 18	1 58	22 12	0 5	15 55	2 31	23 6	0 21	5 58	1 54	15 12	0 43	11 57	1 43	5 26	13 50	9 16	9 14	18 9	12 4	0 11
M28	21 27	27 40	4 55	18 56	2 14	22 24	0 7	15 46	2 33	23 7	0 20	5 57	1 54	15 12	0 43	11 58	1 43	5 26	13 50	9 21	9 15	18 7	12 6	0 11
T 29	21 36	28 3	4 36	18 35	2 29	22 36	0 9	15 38	2 36	23 7	0 20	5 56	1 54	15 11	0 43	11 58	1 43	5 26	13 50	9 25	9 16	18 4	12 7	0 11
W30	21 46	27 1	4 4	18 15	2 44	22 47	0 12	15 29	2 38	23 7	0 20	5 55	1 54	15 11	0 43	11 59	1 43	5 27	13 50	9 29	9 17	18 1	12 8	0 11
T 31	21n54	24s42	3s21	17n56	2s58	22n57	0n14	15s20	2s41	23s 7	0n20	5s54	1s55	15n10	0n43	12n 0	1s44	5n27	13s50	9s32	9s18	17s58	12n 9	0s11

Julian Day Number = 2406740.5, Delta T = -2.18 sec
Ecliptic obliquity = 23°27'27, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°01'38, Lahiri = 22°08'38

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ASTRODIENST EPHEMERIS for the year 1877
geocentric

JUNE 1877 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 38 19	10♊33'27	5♒34	2°R52	17♊15	26♒42	1°R 4	19♓36	21♌ 6	6♉19	24♉26	5°R20	5♓58	15♒29	2♉27	F 1
S 2	16 42 16	11°30'54	17°24	2♊27	18°29	27°15	0♋58	19°39	21° 7	6°21	24°27	5♓17	5°55	15°36	2°30	S 2
S 3	16 46 12	12°28'19	29°12	2° 5	19°42	27°47	0°51	19°42	21° 9	6°23	24°29	5°16	5°52	15°43	2°34	S 3
M 4	16 50 9	13°25'44	11♓ 4	1°46	20°56	28°19	0°44	19°44	21°11	6°25	24°30	5°16	5°49	15°49	2°37	M 4
T 5	16 54 6	14°23'09	23° 3	1°30	22°10	28°51	0°37	19°47	21°13	6°26	24°31	5°16	5°46	15°56	2°40	T 5
W 6	16 58 2	15°20'33	5♈17	1°19	23°23	29°23	0°30	19°50	21°15	6°28	24°33	5°15	5°43	16° 3	2°43	W 6
T 7	17 1 59	16°17'56	17°49	1°12	24°37	29°55	0°23	19°52	21°17	6°30	24°34	5°11	5°39	16° 9	2°46	T 7
F 8	17 5 55	17°15'19	0♉44	1°D10	25°51	0♓26	0°15	19°54	21°19	6°32	24°35	5° 6	5°36	16°16	2°49	F 8
S 9	17 9 52	18°12'41	14° 4	1°11	27° 4	0°57	0° 8	19°57	21°21	6°34	24°36	4°57	5°33	16°23	2°52	S 9
S 10	17 13 48	19°10'02	27°50	1°18	28°18	1°28	0° 1	19°59	21°23	6°36	24°38	4°47	5°30	16°29	2°55	S 10
M11	17 17 45	20° 7'23	11♊58	1°29	29°32	1°58	29♐53	20° 1	21°26	6°37	24°39	4°36	5°27	16°36	2°58	M11
T 12	17 21 41	21° 4'44	26°26	1°44	0♋45	2°29	29°46	20° 3	21°28	6°39	24°40	4°25	5°24	16°43	3° 0	T 12
W13	17 25 38	22° 2'04	11♋ 4	2° 4	1°59	2°59	29°38	20° 5	21°30	6°41	24°41	4°16	5°20	16°49	3° 3	W13
T 14	17 29 35	22°59'23	25°47	2°28	3°13	3°29	29°31	20° 6	21°32	6°43	24°43	4° 9	5°17	16°56	3° 6	T 14
F 15	17 33 31	23°56'41	10♌27	2°57	4°26	3°58	29°23	20° 8	21°35	6°44	24°44	4° 5	5°14	17° 3	3° 9	F 15
S 16	17 37 28	24°53'58	24°58	3°30	5°40	4°27	29°16	20°10	21°37	6°46	24°45	4° 3	5°11	17° 9	3°11	S 16
S 17	17 41 24	25°51'15	9♍17	4° 8	6°54	4°56	29° 8	20°11	21°40	6°47	24°46	4°D 3	5° 8	17°16	3°14	S 17
M18	17 45 21	26°48'31	23°21	4°50	8° 7	5°24	29° 0	20°12	21°42	6°49	24°47	4°R 3	5° 4	17°23	3°17	M18
T 19	17 49 17	27°45'45	7♎10	5°36	9°21	5°53	28°53	20°14	21°45	6°51	24°49	4° 3	5° 1	17°29	3°19	T 19
W20	17 53 14	28°42'59	20°45	6°26	10°34	6°21	28°45	20°15	21°47	6°52	24°50	4° 1	4°58	17°36	3°22	W20
T 21	17 57 10	29°40'13	4♏ 7	7°20	11°48	6°48	28°37	20°16	21°50	6°54	24°51	3°57	4°55	17°42	3°24	T 21
F 22	18 1 7	0♋37'26	17°15	8°18	13° 2	7°15	28°30	20°17	21°52	6°55	24°52	3°50	4°52	17°49	3°27	F 22
S 23	18 5 4	1°34'38	0♐11	9°20	14°15	7°42	28°22	20°18	21°55	6°57	24°53	3°41	4°49	17°56	3°29	S 23
S 24	18 9 0	2°31'50	12°55	10°26	15°29	8° 9	28°14	20°18	21°58	6°58	24°54	3°31	4°45	18° 2	3°31	S 24
M25	18 12 57	3°29'02	25°27	11°36	16°42	8°35	28° 7	20°19	22° 1	7° 0	24°55	3°20	4°42	18° 9	3°34	M25
T 26	18 16 53	4°26'13	7♑48	12°49	17°56	9° 1	27°59	20°20	22° 3	7° 1	24°56	3°10	4°39	18°16	3°36	T 26
W27	18 20 50	5°23'24	19°57	14° 6	19° 9	9°26	27°52	20°20	22° 6	7° 2	24°57	3° 1	4°36	18°22	3°38	W27
T 28	18 24 46	6°20'35	1♒57	15°27	20°23	9°51	27°44	20°21	22° 9	7° 4	24°59	2°55	4°33	18°29	3°40	T 28
F 29	18 28 43	7°17'46	13°50	16°52	21°36	10°16	27°37	20°21	22°12	7° 5	25° 0	2°51	4°30	18°36	3°43	F 29
S 30	18 32 40	8♋14'57	25♒38	18♊20	22♋50	10♓40	27♐29	20♓21	22♌15	7♉ 6	25♉ 1	2♓49	4♓26	18♒42	3♉45	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 3	21s19	2s30	17n38	3s11	23n 7	0n16	15s11	2s43	23s 7	0n20	5s53	1s55	15n 9	0n43	12n 0	1s44	5n27	13s50	9s34	9s20	17s56	12n10	0s11
S 2	22 11	17 7	1 33	17 22	3 22	23 16	0 19	15 2	2 46	23 7	0 20	5 52	1 55	15 9	0 43	12 1	1 44	5 27	13 50	9 35	9 21	17 53	12 11	0 11
S 3	22 18	12 16	0 32	17 7	3 33	23 25	0 21	14 53	2 48	23 7	0 20	5 51	1 55	15 8	0 43	12 2	1 44	5 28	13 50	9 35	9 22	17 50	12 12	0 11
M 4	22 26	6 57	0n31	16 55	3 42	23 32	0 24	14 44	2 51	23 8	0 20	5 50	1 56	15 8	0 43	12 2	1 44	5 28	13 50	9 35	9 23	17 47	12 13	0 11
T 5	22 33	1 20	1 33	16 44	3 50	23 39	0 26	14 35	2 54	23 8	0 20	5 49	1 56	15 7	0 43	12 3	1 44	5 28	13 50	9 35	9 24	17 45	12 14	0 11
W 6	22 39	4n25	2 32	16 35	3 56	23 46	0 28	14 27	2 56	23 8	0 19	5 49	1 56	15 6	0 43	12 3	1 44	5 28	13 50	9 36	9 25	17 42	12 15	0 11
T 7	22 45	10 9	3 25	16 28	4 2	23 51	0 31	14 18	2 59	23 8	0 19	5 48	1 56	15 6	0 43	12 4	1 44	5 29	13 51	9 37	9 27	17 39	12 16	0 12
F 8	22 51	15 38	4 10	16 24	4 6	23 56	0 33	14 9	3 2	23 8	0 19	5 47	1 57	15 5	0 43	12 4	1 44	5 29	13 51	9 39	9 28	17 36	12 17	0 12
S 9	22 56	20 33	4 42	16 21	4 9	24 1	0 35	14 1	3 4	23 8	0 19	5 47	1 57	15 4	0 43	12 5	1 44	5 29	13 51	9 42	9 29	17 33	12 17	0 12
S 10	23 1	24 33	4 59	16 21	4 10	24 4	0 37	13 52	3 7	23 8	0 19	5 46	1 57	15 3	0 43	12 5	1 44	5 29	13 51	9 46	9 30	17 31	12 18	0 12
M11	23 5	27 11	4 59	16 23	4 11	24 7	0 40	13 44	3 10	23 9	0 19	5 45	1 57	15 3	0 43	12 6	1 44	5 29	13 51	9 50	9 31	17 28	12 19	0 12
T 12	23 9	28 4	4 40	16 26	4 10	24 9	0 42	13 35	3 13	23 9	0 19	5 45	1 58	15 2	0 43	12 7	1 44	5 30	13 51	9 54	9 32	17 25	12 20	0 12
W13	23 13	27 1	4 2	16 32	4 9	24 10	0 44	13 27	3 15	23 9	0 19	5 44	1 58	15 1	0 43	12 7	1 44	5 30	13 51	9 57	9 34	17 22	12 21	0 12
T 14	23 16	24 5	3 8	16 39	4 6	24 11	0 46	13 19	3 18	23 9	0 18	5 44	1 58	15 0	0 43	12 8	1 44	5 30	13 51	10 0	9 35	17 19	12 22	0 12
F 15	23 19	19 35	2 2	16 48	4 2	24 11	0 48	13 11	3 21	23 9	0 18	5 44	1 58	15 0	0 43	12 8	1 44	5 30	13 51	10 1	9 36	17 16	12 23	0 12
S 16	23 22	13 58	0 48	16 58	3 58	24 10	0 50	13 3	3 24	23 9	0 18	5 43	1 59	14 59	0 43	12 9	1 44	5 30	13 51	10 2	9 37	17 14	12 24	0 12
S 17	23 24	7 40	0s28	17 11	3 53	24 9	0 52	12 55	3 27	23 9	0 18	5 43	1 59	14 58	0 43	12 9	1 44	5 30	13 52	10 2	9 38	17 11	12 24	0 12
M18	23 25	1 6	1 41	17 24	3 47	24 7	0 54	12 47	3 30	23 9	0 18	5 43	1 59	14 57	0 43	12 10	1 44	5 31	13 52	10 2	9 39	17 8	12 25	0 13
T 19	23 26	5s24	2 47	17 39	3 40	24 4	0 56	12 39	3 32	23 9	0 18	5 42	1 59	14 56	0 42	12 10	1 44	5 31	13 52	10 2	9 41	17 5	12 26	0 13
W20	23 27	11 32	3 42	17 55	3 32	24 0	0 58	12 31	3 35	23 9	0 18	5 42	2 0	14 55	0 42	12 11	1 44	5 31	13 52	10 3	9 42	17 2	12 27	0 13
T 21	23 27	17 2	4 24	18 12	3 24	23 56	1 0	12 24	3 38	23 9	0 18	5 42	2 0	14 55	0 42	12 11	1 44	5 31	13 52	10 4	9 43	16 59	12 28	0 13
F 22	23 27	21 39	4 51	18 30	3 15	23 51	1 2	12 16	3 41	23 10	0 17	5 42	2 0	14 54	0 42	12 11	1 44	5 31	13 52	10 7	9 44	16 57	12 28	0 13
S 23	23 27	25 8	5 3	18 48	3 6	23 45	1 4	12 9	3 44	23 10	0 17	5 42	2 1	14 53	0 42	12 12	1 44	5 31	13 52	10 10	9 45	16 54	12 29	0 13
S 24	23 26	27 19	5 0	19 8	2 56	23 39	1 5	12 2	3 47	23 10	0 17	5 42	2 1	14 52	0 42	12 12	1 44	5 31	13 52	10 14	9 46	16 51	12 30	0 13
M25	23 25	28 4	4 42	19 28	2 45	23 31	1 7	11 55	3 50	23 10	0 17	5 42	2 1	14 51	0 42	12 13	1 45	5 31	13 53	10 17	9 48	16 48	12 30	0 13
T 26	23 23	27 24	4 11	19 48	2 35	23 24	1 9	11 48	3 53	23 10	0 17	5 42	2 1	14 50	0 42	12 13	1 45	5 32	13 53	10 21	9 49	16 45	12 31	0 13
W27	23 21	25 25	3 29	20 8	2 23	23 15	1 10	11 41	3 56	23 10	0 17	5 42	2 2	14 49	0 42	12 14	1 45	5 32	13 53	10 24	9 50	16 42	12 32	0 13
T 28	23 18	22 18	2 38	20 29	2 12	23 6	1 12	11 34	3 59	23 10	0 17	5 42	2 2	14 48	0 42	12 14	1 45	5 32	13 53	10 27	9 51	16 39	12 32	0 13
F 29	23 15	18 17	1 40	20 49	2 0	22 56	1 14	11 28	4 3	23 10	0 16	5 42	2 2	14 47	0 42	12 14	1 45	5 32	13 53	10 28	9 52	16 36	12 33	0 14
S 30	23n12	13s35	0s39	21n 9	1s48	22n45	1n15	11s21	4s 6	23s10	0n16	5s42	2s 2	14n46	0n42	12n15	1s45	5n32	13s53	10s29	9s53	16s34	12n34	0s14

Julian Day Number = 2406771.5, Delta T = -2.21 sec
Ecliptic obliquity = 23°27'27, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°01'42, Lahiri = 22°08'43

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ASTRODIENST EPHEMERIS for the year 1877
geocentric

JULY 1877 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 36 36	9♋12'08	7♓26	19♊52	24♋ 3	11♓ 4	27°R22	20°R21	22♑18	7♉ 8	25♉ 2	2°D49	4♓23	18♒49	3♉47	S 1
M 2	18 40 33	10° 9'19	19°16	21°27	25°17	11°27	27♐14	20♓21	22°21	7° 9	25° 3	2♓49	4°20	18°56	3°49	M 2
T 3	18 44 29	11° 6'31	1♈15	23° 5	26°30	11°50	27° 7	20°21	22°24	7°10	25° 4	2°50	4°17	19° 2	3°51	T 3
W 4	18 48 26	12° 3'42	13°28	24°47	27°44	12°13	27° 0	20°21	22°27	7°11	25° 5	2°R51	4°14	19° 9	3°53	W 4
T 5	18 52 22	13° 0'54	25°59	26°32	28°57	12°35	26°53	20°20	22°30	7°13	25° 6	2°50	4°10	19°16	3°54	T 5
F 6	18 56 19	13°58'07	8♉54	28°21	0♑11	12°56	26°46	20°20	22°33	7°14	25° 7	2°47	4° 7	19°22	3°56	F 6
S 7	19 0 15	14°55'19	22°14	0♋12	1°24	13°17	26°39	20°19	22°36	7°15	25° 8	2°43	4° 4	19°29	3°58	S 7
S 8	19 4 12	15°52'33	6♊ 3	2° 6	2°38	13°37	26°32	20°19	22°39	7°16	25° 8	2°37	4° 1	19°36	4° 0	S 8
M 9	19 8 9	16°49'46	20°18	4° 3	3°51	13°57	26°25	20°18	22°42	7°17	25° 9	2°30	3°58	19°42	4° 1	M 9
T 10	19 12 5	17°47'00	4♋56	6° 2	5° 5	14°17	26°18	20°17	22°46	7°18	25°10	2°23	3°55	19°49	4° 3	T 10
W11	19 16 2	18°44'15	19°51	8° 3	6°18	14°35	26°12	20°16	22°49	7°19	25°11	2°17	3°51	19°55	4° 5	W11
T 12	19 19 58	19°41'29	4♌53	10° 6	7°31	14°54	26° 5	20°15	22°52	7°20	25°12	2°13	3°48	20° 2	4° 6	T 12
F 13	19 23 55	20°38'44	19°53	12°11	8°45	15°11	25°59	20°14	22°55	7°21	25°13	2°10	3°45	20° 9	4° 7	F 13
S 14	19 27 51	21°35'58	4♍44	14°17	9°58	15°28	25°53	20°13	22°59	7°22	25°14	2°D10	3°42	20°15	4° 9	S 14
S 15	19 31 48	22°33'13	19°19	16°25	11°12	15°45	25°46	20°12	23° 2	7°23	25°15	2°11	3°39	20°22	4°10	S 15
M16	19 35 44	23°30'28	3♎34	18°32	12°25	16° 1	25°40	20°10	23° 5	7°24	25°15	2°12	3°36	20°29	4°12	M16
T 17	19 39 41	24°27'43	17°29	20°41	13°39	16°16	25°34	20° 9	23° 9	7°24	25°16	2°13	3°32	20°35	4°13	T 17
W18	19 43 38	25°24'59	1♏ 2	22°49	14°52	16°30	25°29	20° 7	23°12	7°25	25°17	2°R13	3°29	20°42	4°14	W18
T 19	19 47 34	26°22'14	14°17	24°57	16° 5	16°44	25°23	20° 5	23°16	7°26	25°18	2°12	3°26	20°49	4°15	T 19
F 20	19 51 31	27°19'30	27°13	27° 5	17°19	16°58	25°17	20° 4	23°19	7°27	25°18	2° 9	3°23	20°55	4°16	F 20
S 21	19 55 27	28°16'46	9♐54	29°12	18°32	17°10	25°12	20° 2	23°22	7°27	25°19	2° 4	3°20	21° 2	4°17	S 21
S 22	19 59 24	29°14'03	22°22	1♑18	19°45	17°22	25° 7	20° 0	23°26	7°28	25°20	1°59	3°16	21° 9	4°18	S 22
M23	20 3 20	0♑11'20	4♑39	3°23	20°59	17°33	25° 2	19°58	23°29	7°29	25°20	1°54	3°13	21°15	4°19	M23
T 24	20 7 17	1° 8'37	16°46	5°28	22°12	17°44	24°57	19°56	23°33	7°29	25°21	1°48	3°10	21°22	4°20	T 24
W25	20 11 13	2° 5'55	28°45	7°30	23°25	17°54	24°52	19°53	23°37	7°30	25°22	1°44	3° 7	21°29	4°21	W25
T 26	20 15 10	3° 3'14	10♒38	9°32	24°38	18° 3	24°47	19°51	23°40	7°30	25°22	1°41	3° 4	21°35	4°22	T 26
F 27	20 19 7	4° 0'34	22°27	11°32	25°52	18°11	24°43	19°49	23°44	7°31	25°23	1°39	3° 1	21°42	4°22	F 27
S 28	20 23 3	4°57'54	4♓14	13°30	27° 5	18°19	24°39	19°46	23°47	7°31	25°24	1°D39	2°57	21°49	4°23	S 28
S 29	20 27 0	5°55'15	16° 3	15°27	28°18	18°26	24°34	19°44	23°51	7°32	25°24	1°40	2°54	21°55	4°24	S 29
M30	20 30 56	6°52'37	27°55	17°22	29°31	18°32	24°30	19°41	23°54	7°32	25°25	1°41	2°51	22° 2	4°24	M30
T 31	20 34 53	7♑50'01	9♈56	19♑16	0♍44	18♓37	24♐27	19♓38	23♑58	7♉32	25♉25	1♓43	2♓48	22♒ 8	4♉25	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 8	8s24	0n25	21n29	1s36	22n34	1n17	11s15	4s 9	23s10	0n16	5s42	2s 3	14n45	0n42	12n15	1s45	5n32	13s54	10s29	9s55	16s31	12n34	0s14
M 2	23 4	2 54	1 28	21 48	1 23	22 22	1 18	11 9	4 12	23 10	0 16	5 42	2 3	14 44	0 42	12 15	1 45	5 32	13 54	10 29	9 56	16 28	12 35	0 14
T 3	23 0	2n45	2 27	22 6	1 11	22 10	1 19	11 3	4 15	23 10	0 16	5 43	2 3	14 43	0 42	12 16	1 45	5 32	13 54	10 28	9 57	16 25	12 35	0 14
W 4	22 55	8 25	3 21	22 23	0 58	21 57	1 20	10 58	4 18	23 10	0 16	5 43	2 3	14 42	0 42	12 16	1 45	5 32	13 54	10 28	9 58	16 22	12 36	0 14
T 5	22 49	13 53	4 7	22 39	0 46	21 43	1 22	10 52	4 21	23 10	0 16	5 43	2 4	14 41	0 42	12 16	1 45	5 32	13 54	10 28	9 59	16 19	12 37	0 14
F 6	22 43	18 55	4 42	22 53	0 33	21 29	1 23	10 47	4 25	23 10	0 15	5 44	2 4	14 40	0 42	12 17	1 45	5 32	13 54	10 29	10 0	16 16	12 37	0 14
S 7	22 37	23 13	5 3	23 6	0 21	21 14	1 24	10 41	4 28	23 10	0 15	5 44	2 4	14 39	0 42	12 17	1 45	5 32	13 55	10 31	10 1	16 13	12 38	0 14
S 8	22 31	26 23	5 8	23 17	0 9	20 58	1 25	10 37	4 31	23 10	0 15	5 45	2 4	14 38	0 42	12 17	1 45	5 32	13 55	10 33	10 3	16 10	12 38	0 14
M 9	22 24	27 59	4 54	23 26	0n 3	20 42	1 26	10 32	4 34	23 10	0 15	5 45	2 5	14 37	0 42	12 18	1 45	5 32	13 55	10 36	10 4	16 7	12 39	0 14
T 10	22 16	27 42	4 21	23 33	0 14	20 25	1 27	10 27	4 37	23 10	0 15	5 46	2 5	14 36	0 42	12 18	1 45	5 32	13 55	10 38	10 5	16 5	12 39	0 15
W11	22 9	25 26	3 29	23 37	0 25	20 8	1 28	10 23	4 41	23 10	0 15	5 46	2 5	14 35	0 42	12 18	1 45	5 32	13 55	10 40	10 6	16 2	12 39	0 15
T 12	22 1	21 22	2 23	23 39	0 35	19 50	1 29	10 19	4 44	23 10	0 14	5 47	2 5	14 34	0 42	12 18	1 45	5 32	13 56	10 42	10 7	15 59	12 40	0 15
F 13	21 52	15 55	1 6	23 39	0 45	19 31	1 29	10 15	4 47	23 9	0 14	5 48	2 6	14 33	0 42	12 19	1 46	5 32	13 56	10 43	10 8	15 56	12 40	0 15
S 14	21 43	9 34	0s14	23 35	0 54	19 12	1 30	10 11	4 50	23 9	0 14	5 48	2 6	14 32	0 42	12 19	1 46	5 32	13 56	10 43	10 10	15 53	12 41	0 15
S 15	21 34	2 49	1 32	23 29	1 3	18 53	1 30	10 8	4 53	23 9	0 14	5 49	2 6	14 31	0 42	12 19	1 46	5 32	13 56	10 42	10 11	15 50	12 41	0 15
M16	21 25	3s54	2 43	23 20	1 11	18 33	1 31	10 5	4 57	23 9	0 14	5 50	2 6	14 29	0 42	12 19	1 46	5 32	13 56	10 42	10 12	15 47	12 41	0 15
T 17	21 15	10 17	3 42	23 9	1 18	18 12	1 31	10 2	5 0	23 9	0 14	5 51	2 7	14 28	0 42	12 20	1 46	5 32	13 57	10 42	10 13	15 44	12 42	0 15
W18	21 4	16 1	4 27	22 54	1 24	17 51	1 32	9 59	5 3	23 9	0 14	5 52	2 7	14 27	0 42	12 20	1 46	5 32	13 57	10 42	10 14	15 41	12 42	0 15
T 19	20 54	20 51	4 57	22 37	1 30	17 30	1 32	9 56	5 6	23 9	0 13	5 53	2 7	14 26	0 42	12 20	1 46	5 32	13 57	10 42	10 15	15 38	12 42	0 15
F 20	20 43	24 35	5 11	22 18	1 34	17 8	1 32	9 54	5 9	23 9	0 13	5 53	2 7	14 25	0 42	12 20	1 46	5 32	13 57	10 43	10 16	15 35	12 43	0 15
S 21	20 31	27 2	5 9	21 56	1 38	16 45	1 33	9 52	5 13	23 9	0 13	5 54	2 8	14 24	0 42	12 20	1 46	5 32	13 58	10 45	10 18	15 32	12 43	0 16
S 22	20 20	28 6	4 52	21 32	1 42	16 22	1 33	9 50	5 16	23 9	0 13	5 55	2 8	14 23	0 42	12 20	1 46	5 32	13 58	10 47	10 19	15 29	12 43	0 16
M23	20 8	27 45	4 23	21 6	1 44	15 59	1 33	9 49	5 19	23 9	0 13	5 56	2 8	14 21	0 42	12 21	1 46	5 32	13 58	10 49	10 20	15 26	12 43	0 16
T 24	19 55	26 4	3 41	20 38	1 46	15 35	1 33	9 47	5 22	23 9	0 13	5 57	2 8	14 20	0 42	12 21	1 46	5 32	13 58	10 50	10 21	15 23	12 44	0 16
W25	19 42	23 13	2 51	20 8	1 47	15 11	1 33	9 46	5 25	23 9	0 12	5 59	2 9	14 19	0 42	12 21	1 46	5 32	13 58	10 52	10 22	15 20	12 44	0 16
T 26	19 29	19 24	1 53	19 36	1 47	14 46	1 32	9 46	5 28	23 9	0 12	6 0	2 9	14 18	0 42	12 21	1 46	5 31	13 59	10 53	10 23	15 17	12 44	0 16
F 27	19 16	14 50	0 50	19 3	1 47	14 21	1 32	9 45	5 31	23 9	0 12	6 1	2 9	14 17	0 42	12 21	1 46	5 31	13 59	10 54	10 24	15 14	12 44	0 16
S 28	19 2	9 45	0n14	18 28	1 46	13 56	1 32	9 45	5 34	23 9	0 12	6 2	2 9	14 16	0 42	12 21	1 46	5 31	13 59	10 54	10 26	15 12	12 44	0 16
S 29	18 48	4 18	1 18	17 53	1 44	13 30	1 32	9 45	5 37	23 9	0 12	6 3	2 9	14 14	0 42	12 21	1 46	5 31	13 59	10 53	10 27	15 9	12 44	0 16
M30	18 34	1n19	2 20	17 16	1 42	13 4	1 31	9 45	5 40	23 9	0 12	6 4	2 10	14 13	0 42	12 21	1 47	5 31	14 0	10 53	10 28	15 6	12 44	0 16
T 31	18n19	6n56	3n16	16n38	1n40	12n38	1n31	9s46	5s43	23s 9	0n11	6s 6	2s10	14n12	0n42	12n21	1s47	5n31	14s 0	10s52	10s29	15s 3	12n44	0s17

Julian Day Number = 2406801.5, Delta T = -2.25 sec
Ecliptic obliquity = 23°27'27, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°01'46, Lahiri = 22°08'47

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ASTRODIENST EPHEMERIS for the year 1877
geocentric

AUGUST 1877 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 38 49	8♌47'25	22♈10	21♌ 8	1♍58	18♓42	24°R23	19°R35	24♌ 2	7♉33	25♉26	1♓44	2♓45	22♒15	4♉25	W 1
T 2	20 42 46	9°44'51	4♉40	22°59	3°11	18°45	24♐19	19♓32	24° 5	7°33	25°26	1°R45	2°42	22°22	4°25	T 2
F 3	20 46 42	10°42'18	17°31	24°48	4°24	18°48	24°16	19°29	24° 9	7°33	25°27	1°45	2°38	22°28	4°26	F 3
S 4	20 50 39	11°39'46	0♊47	26°35	5°37	18°50	24°13	19°26	24°13	7°34	25°27	1°44	2°35	22°35	4°26	S 4
S 5	20 54 36	12°37'15	14°30	28°21	6°50	18°51	24°10	19°23	24°16	7°34	25°28	1°42	2°32	22°42	4°26	S 5
M 6	20 58 32	13°34'46	28°40	0♍ 5	8° 3	18°R52	24° 7	19°20	24°20	7°34	25°28	1°40	2°29	22°48	4°26	M 6
T 7	21 2 29	14°32'18	13♋16	1°48	9°16	18°51	24° 5	19°17	24°24	7°34	25°28	1°38	2°26	22°55	4°26	T 7
W 8	21 6 25	15°29'52	28°11	3°29	10°30	18°50	24° 2	19°13	24°27	7°34	25°29	1°36	2°22	23° 2	4°R26	W 8
T 9	21 10 22	16°27'26	13♌19	5° 8	11°43	18°48	24° 0	19°10	24°31	7°34	25°29	1°35	2°19	23° 8	4°26	T 9
F 10	21 14 18	17°25'02	28°31	6°46	12°56	18°45	23°58	19° 6	24°35	7°34	25°29	1°D34	2°16	23°15	4°26	F 10
S 11	21 18 15	18°22'39	13♍36	8°22	14° 9	18°42	23°56	19° 3	24°39	7°R34	25°30	1°34	2°13	23°22	4°26	S 11
S 12	21 22 11	19°20'16	28°26	9°57	15°22	18°37	23°54	18°59	24°42	7°34	25°30	1°35	2°10	23°28	4°26	S 12
M13	21 26 8	20°17'55	12♎56	11°31	16°35	18°32	23°53	18°56	24°46	7°34	25°30	1°36	2° 7	23°35	4°26	M13
T 14	21 30 5	21°15'35	27° 2	13° 2	17°48	18°26	23°51	18°52	24°50	7°34	25°30	1°37	2° 3	23°42	4°25	T 14
W15	21 34 1	22°13'16	10♏42	14°33	19° 1	18°19	23°50	18°48	24°54	7°34	25°31	1°37	2° 0	23°48	4°25	W15
T 16	21 37 58	23°10'58	23°57	16° 1	20°14	18°11	23°49	18°44	24°57	7°34	25°31	1°R38	1°57	23°55	4°25	T 16
F 17	21 41 54	24° 8'41	6♐51	17°28	21°27	18° 3	23°48	18°40	25° 1	7°34	25°31	1°37	1°54	24° 1	4°24	F 17
S 18	21 45 51	25° 6'25	19°25	18°54	22°40	17°54	23°48	18°36	25° 5	7°33	25°31	1°37	1°51	24° 8	4°24	S 18
S 19	21 49 47	26° 4'10	1♑43	20°18	23°52	17°44	23°47	18°32	25° 9	7°33	25°31	1°36	1°48	24°15	4°23	S 19
M20	21 53 44	27° 1'56	13°50	21°40	25° 5	17°34	23°47	18°28	25°12	7°33	25°32	1°36	1°44	24°21	4°22	M20
T 21	21 57 40	27°59'44	25°47	23° 1	26°18	17°23	23°D47	18°24	25°16	7°32	25°32	1°35	1°41	24°28	4°22	T 21
W22	22 1 37	28°57'33	7♒39	24°20	27°31	17°11	23°47	18°20	25°20	7°32	25°32	1°35	1°38	24°35	4°21	W22
T 23	22 5 34	29°55'23	19°28	25°37	28°44	16°59	23°48	18°16	25°24	7°32	25°32	1°35	1°35	24°41	4°20	T 23
F 24	22 9 30	0♍53'15	1♓15	26°52	29°56	16°47	23°48	18°11	25°27	7°31	25°32	1°D35	1°32	24°48	4°19	F 24
S 25	22 13 27	1°51'08	13° 5	28° 6	1♎ 9	16°33	23°49	18° 7	25°31	7°31	25°R32	1°R35	1°28	24°55	4°18	S 25
S 26	22 17 23	2°49'02	24°58	29°17	2°22	16°20	23°50	18° 3	25°35	7°30	25°32	1°34	1°25	25° 1	4°17	S 26
M27	22 21 20	3°46'59	6♈57	0♎27	3°34	16° 5	23°51	17°58	25°38	7°30	25°32	1°34	1°22	25° 8	4°16	M27
T 28	22 25 16	4°44'57	19° 5	1°35	4°47	15°51	23°52	17°54	25°42	7°29	25°32	1°34	1°19	25°15	4°15	T 28
W29	22 29 13	5°42'57	1♉25	2°40	6° 0	15°36	23°54	17°50	25°46	7°29	25°32	1°33	1°16	25°21	4°14	W29
T 30	22 33 9	6°40'58	13°59	3°43	7°12	15°20	23°55	17°45	25°50	7°28	25°32	1°33	1°13	25°28	4°13	T 30
F 31	22 37 6	7♍39'02	26♉50	4♎43	8♎25	15♓ 5	23♐57	17♓41	25♌53	7♉27	25♉32	1♓33	1♓ 9	25♒34	4♉12	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n 5	12n24	4n 4	15n59	1n36	12n11	1n30	9s46	5s46	23s 9	0n11	6s 7	2s10	14n11	0n42	12n21	1s47	5n31	14s 0	10s52	10s30	15s 0	12n44	0s17
T 2	17 49	17 30	4 41	15 20	1 33	11 44	1 29	9 47	5 48	23 9	0 11	6 8	2 10	14 9	0 42	12 21	1 47	5 31	14 0	10 52	10 31	14 57	12 45	0 17
F 3	17 34	21 58	5 6	14 39	1 28	11 17	1 28	9 49	5 51	23 9	0 11	6 10	2 10	14 8	0 42	12 22	1 47	5 31	14 1	10 52	10 32	14 54	12 45	0 17
S 4	17 18	25 28	5 16	13 58	1 24	10 49	1 28	9 50	5 54	23 9	0 11	6 11	2 11	14 7	0 42	12 22	1 47	5 30	14 1	10 52	10 34	14 51	12 45	0 17
S 5	17 2	27 39	5 8	13 17	1 19	10 21	1 27	9 52	5 56	23 9	0 11	6 13	2 11	14 6	0 42	12 22	1 47	5 30	14 1	10 53	10 35	14 48	12 45	0 17
M 6	16 46	28 9	4 42	12 36	1 13	9 53	1 26	9 54	5 59	23 9	0 10	6 14	2 11	14 5	0 42	12 22	1 47	5 30	14 1	10 53	10 36	14 45	12 44	0 17
T 7	16 29	26 43	3 57	11 54	1 7	9 24	1 25	9 57	6 1	23 9	0 10	6 16	2 11	14 3	0 42	12 22	1 47	5 30	14 2	10 54	10 37	14 42	12 44	0 17
W 8	16 12	23 23	2 54	11 11	1 1	8 56	1 24	9 59	6 3	23 9	0 10	6 17	2 11	14 2	0 42	12 21	1 47	5 30	14 2	10 55	10 38	14 39	12 44	0 17
T 9	15 55	18 25	1 39	10 29	0 55	8 27	1 22	10 2	6 6	23 9	0 10	6 19	2 12	14 1	0 42	12 21	1 47	5 30	14 2	10 55	10 39	14 36	12 44	0 17
F 10	15 38	12 16	0 17	9 46	0 48	7 58	1 21	10 5	6 8	23 9	0 10	6 20	2 12	14 0	0 42	12 21	1 47	5 29	14 2	10 55	10 40	14 33	12 44	0 18
S 11	15 20	5 26	1s 6	9 4	0 41	7 28	1 20	10 9	6 10	23 9	0 10	6 22	2 12	13 58	0 42	12 21	1 47	5 29	14 3	10 55	10 42	14 30	12 44	0 18
S 12	15 2	1s34	2 24	8 21	0 33	6 59	1 19	10 12	6 12	23 9	0 10	6 23	2 12	13 57	0 42	12 21	1 47	5 29	14 3	10 55	10 43	14 27	12 44	0 18
M13	14 44	8 20	3 30	7 39	0 26	6 29	1 17	10 16	6 14	23 10	0 9	6 25	2 12	13 56	0 42	12 21	1 47	5 29	14 3	10 55	10 44	14 24	12 44	0 18
T 14	14 25	14 29	4 21	6 56	0 18	5 59	1 16	10 20	6 15	23 10	0 9	6 26	2 13	13 55	0 42	12 21	1 47	5 29	14 3	10 55	10 45	14 20	12 43	0 18
W15	14 7	19 44	4 57	6 14	0 10	5 29	1 14	10 24	6 17	23 10	0 9	6 28	2 13	13 53	0 42	12 21	1 47	5 28	14 4	10 54	10 46	14 17	12 43	0 18
T 16	13 48	23 51	5 15	5 32	0 1	4 59	1 12	10 28	6 18	23 10	0 9	6 30	2 13	13 52	0 42	12 21	1 48	5 28	14 4	10 54	10 47	14 14	12 43	0 18
F 17	13 29	26 39	5 16	4 51	0s 7	4 29	1 11	10 33	6 19	23 10	0 9	6 32	2 13	13 51	0 42	12 21	1 48	5 28	14 4	10 54	10 48	14 11	12 43	0 18
S 18	13 10	28 3	5 2	4 9	0 16	3 58	1 9	10 37	6 21	23 10	0 9	6 33	2 13	13 50	0 42	12 21	1 48	5 28	14 4	10 55	10 50	14 8	12 42	0 18
S 19	12 50	28 1	4 35	3 28	0 25	3 27	1 7	10 42	6 22	23 10	0 8	6 35	2 13	13 48	0 42	12 21	1 48	5 28	14 5	10 55	10 51	14 5	12 42	0 18
M20	12 31	26 38	3 55	2 48	0 33	2 57	1 5	10 47	6 22	23 10	0 8	6 37	2 13	13 47	0 42	12 20	1 48	5 27	14 5	10 55	10 52	14 2	12 42	0 19
T 21	12 11	24 3	3 6	2 7	0 42	2 26	1 3	10 52	6 23	23 11	0 8	6 38	2 14	13 46	0 42	12 20	1 48	5 27	14 5	10 55	10 53	13 59	12 41	0 19
W22	11 51	20 27	2 9	1 28	0 52	1 55	1 1	10 57	6 24	23 11	0 8	6 40	2 14	13 45	0 42	12 20	1 48	5 27	14 6	10 55	10 54	13 56	12 41	0 19
T 23	11 30	16 3	1 7	0 49	1 1	1 24	0 59	11 2	6 24	23 11	0 8	6 42	2 14	13 43	0 42	12 20	1 48	5 27	14 6	10 55	10 55	13 53	12 41	0 19
F 24	11 10	11 4	0 2	0 10	1 10	0 53	0 57	11 7	6 24	23 11	0 8	6 44	2 14	13 42	0 42	12 20	1 48	5 26	14 6	10 55	10 56	13 50	12 40	0 19
S 25	10 49	5 40	1n 4	0s27	1 19	0 22	0 54	11 12	6 24	23 11	0 8	6 46	2 14	13 41	0 42	12 19	1 48	5 26	14 6	10 55	10 58	13 47	12 40	0 19
S 26	10 29	0 4	2 6	1 5	1 29	0s 9	0 52	11 17	6 24	23 11	0 7	6 47	2 14	13 40	0 42	12 19	1 48	5 26	14 7	10 55	10 59	13 44	12 40	0 19
M27	10 8	5n35	3 4	1 41	1 38	0 40	0 50	11 23	6 24	23 12	0 7	6 49	2 14	13 38	0 42	12 19	1 48	5 26	14 7	10 55	11 0	13 41	12 39	0 19
T 28	9 47	11 6	3 54	2 16	1 48	1 11	0 47	11 28	6 23	23 12	0 7	6 51	2 15	13 37	0 42	12 19	1 48	5 25	14 7	10 56	11 1	13 38	12 39	0 19
W29	9 25	16 16	4 35	2 51	1 57	1 42	0 45	11 33	6 22	23 12	0 7	6 53	2 15	13 36	0 42	12 19	1 48	5 25	14 7	10 56	11 2	13 35	12 38	0 19
T 30	9 4	20 51	5 3	3 24	2 6	2 13	0 42	11 38	6 21	23 12	0 7	6 55	2 15	13 35	0 42	12 18	1 48	5 25	14 8	10 56	11 3	13 32	12 38	0 20
F 31	8n42	24n35	5n16	3s57	2s15	2s44	0n40	11s43	6s20	23s12	0n 7	6s57	2s15	13n33	0n42	12n18	1s48	5n24	14s 8	10s56	11s 4	13s29	12n37	0s20

Julian Day Number = 2406832.5, Delta T = -2.28 sec
Ecliptic obliquity = 23°27'27, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°01'51, Lahiri = 22°08'51

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ASTRODIENST EPHEMERIS for the year 1877
geocentric

SEPTEMBER 1877 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 41 3	8♍37'08	10♊ 2	5♎41	9♎37	14°R49	23♐59	17°R36	25♑57	7°R27	25°R31	1°D33	1♓ 6	25♒41	4°R10	S 1
S 2	22 44 59	9°35'16	23°37	6°36	10°50	14♓33	24° 2	17♓32	26° 1	7♉26	25♉31	1♓33	1° 3	25°48	4♉ 9	S 2
M 3	22 48 56	10°33'26	7♋35	7°29	12° 3	14°17	24° 4	17°27	26° 4	7°25	25°31	1°33	1° 0	25°54	4° 8	M 3
T 4	22 52 52	11°31'37	21°57	8°18	13°15	14° 0	24° 7	17°22	26° 8	7°25	25°31	1°34	0°57	26° 1	4° 6	T 4
W 5	22 56 49	12°29'51	6♌40	9° 4	14°27	13°44	24° 9	17°18	26°12	7°24	25°31	1°35	0°54	26° 8	4° 5	W 5
T 6	23 0 45	13°28'07	21°39	9°46	15°40	13°27	24°12	17°13	26°15	7°23	25°30	1°35	0°50	26°14	4° 3	T 6
F 7	23 4 42	14°26'24	6♍46	10°25	16°52	13°11	24°15	17° 9	26°19	7°22	25°30	1°R36	0°47	26°21	4° 1	F 7
S 8	23 8 38	15°24'44	21°52	10°59	18° 5	12°54	24°19	17° 4	26°22	7°21	25°30	1°35	0°44	26°28	4° 0	S 8
S 9	23 12 35	16°23'05	6♎49	11°29	19°17	12°38	24°22	16°59	26°26	7°20	25°30	1°34	0°41	26°34	3°58	S 9
M10	23 16 32	17°21'27	21°28	11°55	20°29	12°22	24°26	16°55	26°30	7°19	25°29	1°32	0°38	26°41	3°56	M10
T 11	23 20 28	18°19'52	5♏44	12°15	21°42	12° 6	24°30	16°50	26°33	7°19	25°29	1°30	0°34	26°48	3°55	T 11
W12	23 24 25	19°18'18	19°33	12°31	22°54	11°51	24°34	16°46	26°37	7°18	25°29	1°28	0°31	26°54	3°53	W12
T 13	23 28 21	20°16'46	2♐54	12°40	24° 6	11°36	24°38	16°41	26°40	7°17	25°28	1°26	0°28	27° 1	3°51	T 13
F 14	23 32 18	21°15'15	15°50	12°R44	25°18	11°21	24°42	16°36	26°44	7°16	25°28	1°D25	0°25	27° 8	3°49	F 14
S 15	23 36 14	22°13'46	28°24	12°41	26°31	11° 7	24°47	16°32	26°47	7°14	25°27	1°25	0°22	27°14	3°47	S 15
S 16	23 40 11	23°12'19	10♑39	12°32	27°43	10°53	24°51	16°27	26°51	7°13	25°27	1°26	0°19	27°21	3°45	S 16
M17	23 44 7	24°10'53	22°41	12°15	28°55	10°39	24°56	16°23	26°54	7°12	25°27	1°28	0°15	27°27	3°43	M17
T 18	23 48 4	25° 9'29	4♒34	11°52	0♏ 7	10°27	25° 1	16°18	26°58	7°11	25°26	1°29	0°12	27°34	3°41	T 18
W19	23 52 1	26° 8'07	16°23	11°22	1°19	10°14	25° 6	16°14	27° 1	7°10	25°26	1°31	0° 9	27°41	3°39	W19
T 20	23 55 57	27° 6'47	28°10	10°44	2°31	10° 2	25°12	16° 9	27° 4	7° 9	25°25	1°R32	0° 6	27°47	3°36	T 20
F 21	23 59 54	28° 5'28	10♓ 0	10° 0	3°43	9°51	25°17	16° 5	27° 8	7° 8	25°25	1°31	0° 3	27°54	3°34	F 21
S 22	0 3 50	29° 4'11	21°54	9°10	4°55	9°41	25°23	16° 0	27°11	7° 6	25°24	1°30	29♒59	28° 1	3°32	S 22
S 23	0 7 47	0♎ 2'56	3♈57	8°13	6° 7	9°31	25°29	15°56	27°14	7° 5	25°23	1°27	29°56	28° 7	3°30	S 23
M24	0 11 43	1° 1'43	16° 8	7°12	7°18	9°22	25°35	15°52	27°18	7° 4	25°23	1°23	29°53	28°14	3°27	M24
T 25	0 15 40	2° 0'32	28°29	6° 8	8°30	9°13	25°41	15°47	27°21	7° 3	25°22	1°17	29°50	28°21	3°25	T 25
W26	0 19 36	2°59'24	11♉ 2	5° 1	9°42	9° 6	25°47	15°43	27°24	7° 1	25°22	1°12	29°47	28°27	3°23	W26
T 27	0 23 33	3°58'17	23°48	3°54	10°54	8°59	25°54	15°39	27°27	7° 0	25°21	1° 7	29°44	28°34	3°20	T 27
F 28	0 27 30	4°57'13	6♊47	2°48	12° 5	8°52	26° 0	15°34	27°31	6°58	25°20	1° 3	29°40	28°41	3°18	F 28
S 29	0 31 26	5°56'12	20° 2	1°44	13°17	8°47	26° 7	15°30	27°34	6°57	25°20	1° 0	29°37	28°47	3°15	S 29
S 30	0 35 23	6♎55'12	3♋34	0♎46	14♏28	8♓42	26♐14	15♓26	27♑37	6♉56	25♉19	0°D59	29♒34	28♒54	3♉13	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n21	27n 9	5n14	4s28	2s25	3s15	0n37	11s48	6s19	23s13	0n 7	6s58	2s15	13n32	0n42	12n18	1s48	5n24	14s 8	10s56	11s 5	13s26	12n37	0s20
S 2	7 59	28 12	4 54	4 59	2 34	3 46	0 34	11 53	6 18	23 13	0 6	7 0	2 15	13 31	0 42	12 18	1 49	5 24	14 8	10 56	11 7	13 23	12 36	0 20
M 3	7 37	27 31	4 17	5 27	2 42	4 17	0 32	11 58	6 16	23 13	0 6	7 2	2 15	13 30	0 42	12 17	1 49	5 24	14 9	10 56	11 8	13 19	12 36	0 20
T 4	7 15	25 0	3 23	5 55	2 51	4 47	0 29	12 3	6 14	23 13	0 6	7 4	2 15	13 28	0 42	12 17	1 49	5 23	14 9	10 56	11 9	13 16	12 35	0 20
W 5	6 53	20 47	2 14	6 21	3 0	5 18	0 26	12 7	6 12	23 14	0 6	7 6	2 15	13 27	0 42	12 17	1 49	5 23	14 9	10 55	11 10	13 13	12 34	0 20
T 6	6 30	15 10	0 55	6 45	3 8	5 49	0 23	12 12	6 10	23 14	0 6	7 8	2 15	13 26	0 42	12 16	1 49	5 23	14 9	10 55	11 11	13 10	12 34	0 20
F 7	6 8	8 35	0s29	7 7	3 16	6 19	0 20	12 16	6 8	23 14	0 6	7 10	2 15	13 25	0 42	12 16	1 49	5 22	14 10	10 55	11 12	13 7	12 33	0 20
S 8	5 45	1 32	1 50	7 28	3 23	6 50	0 17	12 20	6 5	23 14	0 6	7 11	2 15	13 23	0 42	12 16	1 49	5 22	14 10	10 55	11 13	13 4	12 32	0 20
S 9	5 23	5s31	3 3	7 46	3 30	7 20	0 14	12 24	6 2	23 15	0 5	7 13	2 16	13 22	0 42	12 15	1 49	5 22	14 10	10 56	11 14	13 1	12 32	0 21
M10	5 0	12 7	4 2	8 2	3 37	7 50	0 11	12 27	5 59	23 15	0 5	7 15	2 16	13 21	0 42	12 15	1 49	5 22	14 10	10 56	11 16	12 58	12 31	0 21
T 11	4 37	17 55	4 45	8 16	3 43	8 20	0 8	12 30	5 56	23 15	0 5	7 17	2 16	13 20	0 42	12 15	1 49	5 21	14 11	10 57	11 17	12 55	12 30	0 21
W12	4 14	22 35	5 9	8 27	3 48	8 50	0 5	12 33	5 53	23 16	0 5	7 19	2 16	13 19	0 42	12 14	1 49	5 21	14 11	10 58	11 18	12 52	12 30	0 21
T 13	3 51	25 55	5 16	8 35	3 53	9 19	0 2	12 36	5 50	23 16	0 5	7 21	2 16	13 17	0 42	12 14	1 49	5 21	14 11	10 58	11 19	12 49	12 29	0 21
F 14	3 28	27 47	5 6	8 39	3 56	9 49	0s 1	12 39	5 46	23 16	0 5	7 22	2 16	13 16	0 42	12 14	1 49	5 20	14 11	10 59	11 20	12 45	12 28	0 21
S 15	3 5	28 9	4 42	8 41	3 59	10 18	0 4	12 41	5 43	23 17	0 5	7 24	2 16	13 15	0 42	12 13	1 49	5 20	14 12	10 59	11 21	12 42	12 27	0 21
S 16	2 42	27 6	4 5	8 38	4 0	10 47	0 8	12 43	5 39	23 17	0 5	7 26	2 16	13 14	0 42	12 13	1 49	5 20	14 12	10 58	11 22	12 39	12 27	0 21
M17	2 19	24 48	3 18	8 32	4 1	11 16	0 11	12 44	5 35	23 17	0 4	7 28	2 16	13 13	0 42	12 12	1 49	5 19	14 12	10 58	11 23	12 36	12 26	0 21
T 18	1 56	21 27	2 23	8 22	4 0	11 44	0 14	12 45	5 31	23 18	0 4	7 30	2 16	13 12	0 42	12 12	1 49	5 19	14 12	10 57	11 25	12 33	12 25	0 21
W19	1 32	17 15	1 23	8 8	3 57	12 13	0 17	12 46	5 27	23 18	0 4	7 31	2 16	13 11	0 42	12 12	1 49	5 19	14 13	10 57	11 26	12 30	12 24	0 22
T 20	1 9	12 25	0 19	7 49	3 53	12 41	0 21	12 47	5 23	23 18	0 4	7 33	2 16	13 9	0 42	12 11	1 49	5 18	14 13	10 56	11 27	12 27	12 23	0 22
F 21	0 46	7 7	0n46	7 26	3 47	13 8	0 24	12 47	5 18	23 18	0 4	7 35	2 16	13 8	0 42	12 11	1 49	5 18	14 13	10 56	11 28	12 24	12 23	0 22
S 22	0 22	1 32	1 50	6 59	3 39	13 36	0 27	12 47	5 14	23 19	0 4	7 37	2 16	13 7	0 42	12 10	1 49	5 18	14 13	10 57	11 29	12 20	12 22	0 22
S 23	0s 1	4n 9	2 49	6 28	3 29	14 3	0 31	12 47	5 10	23 19	0 4	7 38	2 16	13 6	0 42	12 10	1 50	5 17	14 13	10 58	11 30	12 17	12 21	0 22
M24	0 25	9 44	3 40	5 53	3 18	14 30	0 34	12 46	5 5	23 19	0 4	7 40	2 16	13 5	0 42	12 9	1 50	5 17	14 14	11 0	11 31	12 14	12 20	0 22
T 25	0 48	15 2	4 23	5 15	3 4	14 56	0 37	12 45	5 0	23 20	0 3	7 42	2 16	13 4	0 42	12 9	1 50	5 17	14 14	11 1	11 32	12 11	12 19	0 22
W26	1 11	19 47	4 53	4 35	2 49	15 22	0 41	12 44	4 56	23 20	0 3	7 43	2 16	13 3	0 42	12 8	1 50	5 16	14 14	11 3	11 33	12 8	12 18	0 22
T 27	1 35	23 44	5 9	3 52	2 32	15 48	0 44	12 42	4 51	23 20	0 3	7 45	2 16	13 2	0 42	12 8	1 50	5 16	14 14	11 5	11 35	12 5	12 17	0 22
F 28	1 58	26 33	5 10	3 9	2 14	16 14	0 48	12 40	4 46	23 21	0 3	7 47	2 16	13 1	0 42	12 7	1 50	5 16	14 15	11 7	11 36	12 2	12 16	0 22
S 29	2 22	27 59	4 55	2 26	1 54	16 39	0 51	12 38	4 42	23 21	0 3	7 48	2 16	13 0	0 42	12 7	1 50	5 15	14 15	11 8	11 37	11 59	12 15	0 22
S 30	2s45	27n48	4n23	1s45	1s34	17s 4	0s54	12s35	4s37	23s21	0n 3	7s50	2s16	12n58	0n42	12n 6	1s50	5n15	14s15	11s 8	11s38	11s55	12n14	0s23

Julian Day Number = 2406863.5, Delta T = -2.32 sec
Ecliptic obliquity = 23°27'27, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°01'55, Lahiri = 22°08'55

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1877
geocentric

OCTOBER 1877 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 39 19	7♎54'15	17♋22	29°R53	15♏40	8°R38	26♐21	15°R22	27♑40	6°R54	25°R18	0♓59	29♒31	29♒ 0	3°R10	M 1
T 2	0 43 16	8°53'20	1♌29	29♍ 8	16°51	8♓35	26°28	15♓18	27°43	6♉53	25♉18	1° 0	29°28	29° 7	3♉ 8	T 2
W 3	0 47 12	9°52'28	15°53	28°32	18° 3	8°32	26°35	15°14	27°46	6°51	25°17	1° 2	29°25	29°14	3° 5	W 3
T 4	0 51 9	10°51'38	0♍31	28° 6	19°14	8°31	26°43	15°10	27°49	6°50	25°16	1°R 3	29°21	29°20	3° 2	T 4
F 5	0 55 5	11°50'50	15°19	27°50	20°26	8°30	26°51	15° 6	27°52	6°48	25°15	1° 2	29°18	29°27	3° 0	F 5
S 6	0 59 2	12°50'04	0♎11	27°D45	21°37	8°D30	26°58	15° 2	27°55	6°47	25°15	0°59	29°15	29°34	2°57	S 6
S 7	1 2 59	13°49'20	14°59	27°50	22°48	8°31	27° 6	14°59	27°58	6°45	25°14	0°54	29°12	29°40	2°54	S 7
M 8	1 6 55	14°48'39	29°34	28° 6	24° 0	8°32	27°14	14°55	28° 1	6°44	25°13	0°48	29° 9	29°47	2°51	M 8
T 9	1 10 52	15°47'59	13♏51	28°32	25°11	8°34	27°22	14°51	28° 3	6°42	25°12	0°40	29° 5	29°54	2°49	T 9
W10	1 14 48	16°47'21	27°43	29° 8	26°22	8°38	27°31	14°48	28° 6	6°41	25°11	0°33	29° 2	0♓ 0	2°46	W10
T 11	1 18 45	17°46'46	11♐ 9	29°52	27°33	8°42	27°39	14°44	28° 9	6°39	25°11	0°27	28°59	0° 7	2°43	T 11
F 12	1 22 41	18°46'12	24° 9	0♎45	28°44	8°46	27°48	14°41	28°12	6°38	25°10	0°22	28°56	0°14	2°40	F 12
S 13	1 26 38	19°45'40	6♑46	1°45	29°55	8°52	27°56	14°38	28°14	6°36	25° 9	0°19	28°53	0°20	2°37	S 13
S 14	1 30 34	20°45'09	19° 2	2°52	1♐ 6	8°58	28° 5	14°34	28°17	6°35	25° 8	0°D18	28°50	0°27	2°35	S 14
M15	1 34 31	21°44'41	1♒ 4	4° 4	2°17	9° 5	28°14	14°31	28°20	6°33	25° 7	0°18	28°46	0°33	2°32	M15
T 16	1 38 28	22°44'14	12°55	5°22	3°28	9°13	28°23	14°28	28°22	6°31	25° 6	0°19	28°43	0°40	2°29	T 16
W17	1 42 24	23°43'49	24°43	6°44	4°38	9°22	28°32	14°25	28°25	6°30	25° 5	0°R20	28°40	0°47	2°26	W17
T 18	1 46 21	24°43'25	6♓31	8°10	5°49	9°31	28°42	14°22	28°27	6°28	25° 4	0°20	28°37	0°53	2°23	T 18
F 19	1 50 17	25°43'04	18°24	9°38	6°59	9°41	28°51	14°19	28°30	6°26	25° 3	0°18	28°34	1° 0	2°20	F 19
S 20	1 54 14	26°42'44	0♈26	11°10	8°10	9°51	29° 1	14°16	28°32	6°25	25° 2	0°14	28°31	1° 7	2°17	S 20
S 21	1 58 10	27°42'26	12°39	12°43	9°20	10° 3	29°10	14°14	28°34	6°23	25° 1	0° 8	28°27	1°13	2°14	S 21
M22	2 2 7	28°42'10	25° 5	14°18	10°31	10°15	29°20	14°11	28°37	6°21	25° 0	29♒59	28°24	1°20	2°11	M22
T 23	2 6 3	29°41'56	7♉44	15°55	11°41	10°27	29°30	14° 8	28°39	6°20	24°59	29°48	28°21	1°27	2° 8	T 23
W24	2 10 0	0♏41'44	20°37	17°32	12°51	10°41	29°40	14° 6	28°41	6°18	24°58	29°37	28°18	1°33	2° 5	W24
T 25	2 13 56	1°41'35	3♊43	19°11	14° 1	10°55	29°50	14° 4	28°43	6°16	24°57	29°26	28°15	1°40	2° 3	T 25
F 26	2 17 53	2°41'27	17° 1	20°50	15°12	11° 9	0♑ 0	14° 1	28°45	6°15	24°56	29°17	28°11	1°47	2° 0	F 26
S 27	2 21 50	3°41'22	0♋29	22°29	16°21	11°24	0°11	13°59	28°48	6°13	24°55	29°10	28° 8	1°53	1°57	S 27
S 28	2 25 46	4°41'18	14° 8	24° 9	17°31	11°40	0°21	13°57	28°50	6°11	24°54	29° 6	28° 5	2° 0	1°54	S 28
M29	2 29 43	5°41'17	27°57	25°49	18°41	11°56	0°31	13°55	28°52	6°10	24°53	29° 4	28° 2	2° 7	1°51	M29
T 30	2 33 39	6°41'18	11♌55	27°28	19°51	12°13	0°42	13°53	28°53	6° 8	24°52	29°D 4	27°59	2°13	1°48	T 30
W31	2 37 36	7♏41'22	26♌ 3	29♎ 8	21♐ 1	12♓31	0♑53	13♓52	28♑55	6♉ 6	24♉51	29°R 4	27♒56	2♓20	1♉45	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s 8	25n53	3n36	1s 5	1s14	17s28	0s58	12s32	4s32	23s22	0n 3	7s51	2s16	12n57	0n42	12n 6	1s50	5n15	14s15	11s 8	11s39	11s52	12n13	0s23
T 2	3 32	22 21	2 34	0 28	0 53	17 52	1 1	12 29	4 27	23 22	0 3	7 53	2 16	12 56	0 42	12 6	1 50	5 14	14 15	11 7	11 40	11 49	12 12	0 23
W 3	3 55	17 23	1 22	0n 4	0 33	18 15	1 5	12 25	4 22	23 22	0 2	7 54	2 15	12 55	0 42	12 5	1 50	5 14	14 15	11 7	11 41	11 46	12 11	0 23
T 4	4 18	11 21	0 3	0 33	0 14	18 38	1 8	12 21	4 17	23 23	0 2	7 56	2 15	12 54	0 42	12 5	1 50	5 14	14 16	11 7	11 42	11 43	12 10	0 23
F 5	4 41	4 36	1s17	0 56	0n 5	19 1	1 11	12 17	4 12	23 23	0 2	7 57	2 15	12 53	0 43	12 4	1 50	5 13	14 16	11 7	11 43	11 40	12 9	0 23
S 6	5 4	2s23	2 32	1 14	0 22	19 23	1 15	12 13	4 8	23 23	0 2	7 59	2 15	12 52	0 43	12 3	1 50	5 13	14 16	11 8	11 45	11 36	12 8	0 23
S 7	5 27	9 13	3 35	1 27	0 38	19 45	1 18	12 8	4 3	23 24	0 2	8 0	2 15	12 51	0 43	12 3	1 50	5 13	14 16	11 10	11 46	11 33	12 7	0 23
M 8	5 50	15 27	4 24	1 34	0 53	20 6	1 21	12 3	3 58	23 24	0 2	8 1	2 15	12 50	0 43	12 2	1 50	5 12	14 16	11 12	11 47	11 30	12 6	0 23
T 9	6 13	20 42	4 55	1 36	1 6	20 27	1 25	11 58	3 53	23 24	0 2	8 3	2 15	12 49	0 43	12 2	1 50	5 12	14 17	11 15	11 48	11 27	12 5	0 23
W10	6 36	24 40	5 8	1 32	1 18	20 47	1 28	11 52	3 48	23 24	0 2	8 4	2 15	12 49	0 43	12 1	1 50	5 11	14 17	11 17	11 49	11 24	12 4	0 24
T 11	6 59	27 8	5 3	1 24	1 28	21 6	1 31	11 46	3 44	23 25	0 2	8 5	2 15	12 48	0 43	12 1	1 50	5 11	14 17	11 19	11 50	11 21	12 3	0 24
F 12	7 22	28 2	4 43	1 11	1 37	21 25	1 34	11 40	3 39	23 25	0 1	8 6	2 15	12 47	0 43	12 0	1 50	5 11	14 17	11 21	11 51	11 18	12 2	0 24
S 13	7 44	27 25	4 9	0 54	1 44	21 44	1 37	11 33	3 34	23 25	0 1	8 8	2 15	12 46	0 43	12 0	1 50	5 10	14 17	11 22	11 52	11 14	12 1	0 24
S 14	8 7	25 28	3 24	0 33	1 50	22 2	1 41	11 27	3 29	23 25	0 1	8 9	2 15	12 45	0 43	11 59	1 50	5 10	14 17	11 23	11 53	11 11	12 0	0 24
M15	8 29	22 24	2 31	0 8	1 55	22 20	1 44	11 20	3 25	23 26	0 1	8 10	2 14	12 44	0 43	11 59	1 50	5 10	14 17	11 22	11 55	11 8	11 59	0 24
T 16	8 51	18 25	1 32	0s19	1 58	22 37	1 47	11 13	3 20	23 26	0 1	8 11	2 14	12 43	0 43	11 58	1 50	5 9	14 18	11 22	11 56	11 5	11 58	0 24
W17	9 13	13 46	0 30	0 50	2 1	22 53	1 50	11 5	3 16	23 26	0 1	8 12	2 14	12 42	0 43	11 58	1 50	5 9	14 18	11 22	11 57	11 2	11 57	0 24
T 18	9 35	8 37	0n33	1 22	2 2	23 9	1 53	10 57	3 11	23 26	0 1	8 13	2 14	12 42	0 43	11 57	1 50	5 9	14 18	11 22	11 58	10 58	11 56	0 24
F 19	9 57	3 7	1 35	1 57	2 2	23 24	1 56	10 49	3 7	23 26	0 1	8 14	2 14	12 41	0 43	11 57	1 50	5 8	14 18	11 22	11 59	10 55	11 55	0 24
S 20	10 18	2n32	2 34	2 33	2 2	23 38	1 59	10 41	3 2	23 27	0 1	8 15	2 14	12 40	0 43	11 56	1 50	5 8	14 18	11 24	12 0	10 52	11 54	0 24
S 21	10 40	8 10	3 26	3 10	2 1	23 52	2 1	10 33	2 58	23 27	0 0	8 16	2 14	12 39	0 43	11 55	1 50	5 8	14 18	11 26	12 1	10 49	11 53	0 25
M22	11 1	13 35	4 10	3 49	1 59	24 5	2 4	10 24	2 53	23 27	0 0	8 17	2 14	12 38	0 43	11 55	1 50	5 7	14 18	11 29	12 2	10 46	11 51	0 25
T 23	11 22	18 32	4 42	4 29	1 56	24 18	2 7	10 16	2 49	23 27	0 0	8 18	2 14	12 38	0 43	11 54	1 50	5 7	14 18	11 33	12 3	10 43	11 50	0 25
W24	11 43	22 44	5 0	5 9	1 53	24 30	2 10	10 7	2 45	23 27	0 0	8 19	2 13	12 37	0 43	11 54	1 50	5 7	14 18	11 37	12 4	10 39	11 49	0 25
T 25	12 4	25 52	5 3	5 50	1 49	24 41	2 12	9 57	2 41	23 27	0 0	8 20	2 13	12 36	0 43	11 53	1 50	5 7	14 19	11 41	12 6	10 36	11 48	0 25
F 26	12 25	27 37	4 49	6 31	1 45	24 52	2 15	9 48	2 37	23 28	0s 0	8 20	2 13	12 35	0 43	11 53	1 50	5 6	14 19	11 44	12 7	10 33	11 47	0 25
S 27	12 45	27 47	4 20	7 12	1 41	25 2	2 17	9 39	2 33	23 28	0 0	8 21	2 13	12 35	0 43	11 52	1 50	5 6	14 19	11 46	12 8	10 30	11 46	0 25
S 28	13 6	26 16	3 35	7 53	1 36	25 11	2 20	9 29	2 29	23 28	0 0	8 22	2 13	12 34	0 43	11 52	1 50	5 6	14 19	11 48	12 9	10 27	11 45	0 25
M29	13 26	23 10	2 38	8 35	1 30	25 20	2 22	9 19	2 25	23 28	0 0	8 22	2 13	12 33	0 43	11 51	1 50	5 5	14 19	11 48	12 10	10 23	11 44	0 25
T 30	13 46	18 40	1 30	9 16	1 25	25 28	2 24	9 9	2 21	23 28	0 0	8 23	2 13	12 33	0 43	11 50	1 50	5 5	14 19	11 48	12 11	10 20	11 43	0 25
W31	14s 5	13n 6	0n16	9s56	1n19	25s35	2s26	8s59	2s17	23s28	0s 1	8s23	2s12	12n32	0n43	11n50	1s50	5n 5	14s19	11s48	12s12	10s17	11n42	0s25

Julian Day Number = 2406893.5, Delta T = -2.35 sec
Ecliptic obliquity = 23°27'27, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°01'59, Lahiri = 22°09'00

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ASTRODIENST EPHEMERIS for the year 1877
geocentric

NOVEMBER 1877 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 41 32	8♏41'27	10♍20	0♏48	22♐10	12♓49	1♑ 4	13°R50	28♌57	6°R 5	24°R50	29°R 4	27♒52	2♓26	1°R42	T 1
F 2	2 45 29	9°41'34	24°44	2°27	23°20	13° 7	1°14	13♓48	28°59	6♉ 3	24♉49	29♒ 2	27°49	2°33	1♉39	F 2
S 3	2 49 25	10°41'44	9♎11	4° 6	24°29	13°26	1°25	13°47	29° 1	6° 1	24°48	28°57	27°46	2°40	1°36	S 3
S 4	2 53 22	11°41'55	23°36	5°45	25°38	13°46	1°37	13°45	29° 2	5°59	24°47	28°49	27°43	2°46	1°33	S 4
M 5	2 57 19	12°42'09	7♏53	7°23	26°47	14° 6	1°48	13°44	29° 4	5°58	24°46	28°38	27°40	2°53	1°30	M 5
T 6	3 1 15	13°42'24	21°56	9° 1	27°56	14°26	1°59	13°43	29° 6	5°56	24°44	28°26	27°37	3° 0	1°27	T 6
W 7	3 5 12	14°42'42	5♐41	10°39	29° 5	14°47	2°10	13°42	29° 7	5°54	24°43	28°14	27°33	3° 6	1°25	W 7
T 8	3 9 8	15°43'00	19° 4	12°17	0♑14	15° 9	2°22	13°41	29° 9	5°53	24°42	28° 3	27°30	3°13	1°22	T 8
F 9	3 13 5	16°43'21	2♑ 3	13°54	1°23	15°31	2°33	13°40	29°10	5°51	24°41	27°53	27°27	3°20	1°19	F 9
S 10	3 17 1	17°43'43	14°40	15°31	2°31	15°53	2°45	13°39	29°12	5°50	24°40	27°47	27°24	3°26	1°16	S 10
S 11	3 20 58	18°44'06	26°57	17° 7	3°40	16°16	2°57	13°38	29°13	5°48	24°39	27°43	27°21	3°33	1°13	S 11
M12	3 24 55	19°44'31	9♒ 0	18°44	4°48	16°39	3° 9	13°38	29°14	5°46	24°38	27°41	27°17	3°40	1°11	M12
T 13	3 28 51	20°44'57	20°52	20°19	5°56	17° 3	3°20	13°37	29°16	5°45	24°37	27°41	27°14	3°46	1° 8	T 13
W14	3 32 48	21°45'24	2♓40	21°55	7° 4	17°27	3°32	13°37	29°17	5°43	24°36	27°41	27°11	3°53	1° 5	W14
T 15	3 36 44	22°45'53	14°29	23°30	8°12	17°52	3°44	13°37	29°18	5°41	24°34	27°40	27° 8	3°59	1° 2	T 15
F 16	3 40 41	23°46'23	26°24	25° 5	9°20	18°17	3°56	13°37	29°19	5°40	24°33	27°37	27° 5	4° 6	1° 0	F 16
S 17	3 44 37	24°46'54	8♈30	26°40	10°27	18°42	4° 9	13°D37	29°20	5°38	24°32	27°32	27° 2	4°13	0°57	S 17
S 18	3 48 34	25°47'27	20°51	28°15	11°35	19° 8	4°21	13°37	29°21	5°37	24°31	27°24	26°58	4°19	0°55	S 18
M19	3 52 30	26°48'01	3♉30	29°49	12°42	19°34	4°33	13°37	29°22	5°35	24°30	27°13	26°55	4°26	0°52	M19
T 20	3 56 27	27°48'36	16°26	1♐23	13°49	20° 0	4°45	13°37	29°23	5°34	24°29	27° 0	26°52	4°33	0°49	T 20
W21	4 0 23	28°49'13	29°41	2°57	14°56	20°27	4°58	13°38	29°23	5°32	24°28	26°47	26°49	4°39	0°47	W21
T 22	4 4 20	29°49'52	13♊11	4°31	16° 2	20°54	5°10	13°38	29°24	5°31	24°27	26°34	26°46	4°46	0°44	T 22
F 23	4 8 17	0♐50'32	26°55	6° 5	17° 9	21°21	5°23	13°39	29°25	5°29	24°25	26°22	26°43	4°53	0°42	F 23
S 24	4 12 13	1°51'13	10♋47	7°38	18°15	21°48	5°36	13°39	29°26	5°28	24°24	26°14	26°39	4°59	0°40	S 24
S 25	4 16 10	2°51'56	24°46	9°12	19°21	22°16	5°48	13°40	29°26	5°26	24°23	26° 8	26°36	5° 6	0°37	S 25
M26	4 20 6	3°52'40	8♌48	10°45	20°27	22°44	6° 1	13°41	29°27	5°25	24°22	26° 5	26°33	5°13	0°35	M26
T 27	4 24 3	4°53'26	22°52	12°18	21°33	23°13	6°14	13°42	29°27	5°23	24°21	26°D 4	26°30	5°19	0°32	T 27
W28	4 27 59	5°54'14	6♍57	13°51	22°38	23°42	6°27	13°43	29°27	5°22	24°20	26°R 4	26°27	5°26	0°30	W28
T 29	4 31 56	6°55'03	21° 1	15°24	23°43	24°11	6°40	13°44	29°28	5°20	24°19	26° 4	26°23	5°33	0°28	T 29
F 30	4 35 53	7♐55'53	5♎ 5	16♐57	24♑48	24♓40	6♑53	13♓46	29♌28	5♉19	24♉18	26♒ 1	26♒20	5♓39	0♉26	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s25	6n47	1s 0	10s37	1n13	25s42	2s29	8s48	2s13	23s28	0s 1	8s24	2s12	12n32	0n43	11n49	1s50	5n 4	14s19	11s48	12s13	10s14	11n41	0s25
F 2	14 44	0 5	2 12	11 17	1 7	25 48	2 31	8 38	2 9	23 28	0 1	8 24	2 12	12 31	0 44	11 49	1 50	5 4	14 19	11 49	12 14	10 11	11 39	0 26
S 3	15 3	6s38	3 16	11 56	1 1	25 53	2 32	8 27	2 6	23 28	0 1	8 25	2 12	12 30	0 44	11 48	1 50	5 4	14 19	11 51	12 15	10 7	11 38	0 26
S 4	15 21	12 59	4 7	12 35	0 54	25 57	2 34	8 16	2 2	23 28	0 1	8 25	2 12	12 30	0 44	11 48	1 50	5 4	14 19	11 54	12 17	10 4	11 37	0 26
M 5	15 40	18 35	4 42	13 14	0 48	26 1	2 36	8 5	1 58	23 28	0 1	8 26	2 12	12 29	0 44	11 47	1 50	5 3	14 19	11 57	12 18	10 1	11 36	0 26
T 6	15 58	23 5	4 59	13 52	0 41	26 4	2 38	7 54	1 55	23 28	0 1	8 26	2 12	12 29	0 44	11 47	1 50	5 3	14 19	12 2	12 19	9 58	11 35	0 26
W 7	16 16	26 10	4 59	14 29	0 35	26 7	2 39	7 42	1 51	23 28	0 1	8 26	2 11	12 28	0 44	11 46	1 50	5 3	14 19	12 6	12 20	9 54	11 34	0 26
T 8	16 33	27 41	4 41	15 5	0 28	26 8	2 41	7 31	1 48	23 28	0 1	8 26	2 11	12 28	0 44	11 45	1 50	5 2	14 19	12 10	12 21	9 51	11 33	0 26
F 9	16 51	27 36	4 10	15 41	0 21	26 9	2 42	7 19	1 45	23 27	0 1	8 27	2 11	12 27	0 44	11 45	1 50	5 2	14 19	12 13	12 22	9 48	11 32	0 26
S 10	17 8	26 5	3 27	16 16	0 14	26 9	2 44	7 8	1 41	23 27	0 2	8 27	2 11	12 27	0 44	11 44	1 50	5 2	14 19	12 15	12 23	9 45	11 31	0 26
S 11	17 25	23 19	2 35	16 50	0 8	26 9	2 45	6 56	1 38	23 27	0 2	8 27	2 11	12 26	0 44	11 44	1 50	5 2	14 19	12 17	12 24	9 42	11 30	0 26
M12	17 41	19 35	1 37	17 24	0 1	26 8	2 46	6 44	1 35	23 27	0 2	8 27	2 11	12 26	0 44	11 43	1 50	5 1	14 19	12 17	12 25	9 38	11 29	0 26
T 13	17 57	15 7	0 36	17 56	0s 6	26 6	2 47	6 31	1 32	23 27	0 2	8 27	2 10	12 26	0 44	11 43	1 50	5 1	14 19	12 17	12 26	9 35	11 28	0 26
W14	18 13	10 7	0n26	18 28	0 13	26 3	2 48	6 19	1 29	23 27	0 2	8 27	2 10	12 25	0 44	11 42	1 50	5 1	14 19	12 17	12 27	9 32	11 27	0 27
T 15	18 29	4 46	1 28	18 58	0 19	26 0	2 48	6 7	1 25	23 26	0 2	8 27	2 10	12 25	0 44	11 42	1 50	5 1	14 19	12 18	12 29	9 29	11 26	0 27
F 16	18 44	0n48	2 26	19 28	0 26	25 56	2 49	5 54	1 22	23 26	0 2	8 27	2 10	12 25	0 44	11 41	1 50	5 0	14 19	12 19	12 30	9 25	11 25	0 27
S 17	18 59	6 24	3 18	19 57	0 32	25 52	2 49	5 42	1 19	23 26	0 2	8 27	2 10	12 24	0 44	11 41	1 50	5 0	14 19	12 20	12 31	9 22	11 24	0 27
S 18	19 13	11 53	4 2	20 25	0 39	25 46	2 50	5 29	1 17	23 26	0 2	8 26	2 9	12 24	0 44	11 40	1 50	5 0	14 19	12 23	12 32	9 19	11 23	0 27
M19	19 27	17 0	4 35	20 52	0 45	25 40	2 50	5 16	1 14	23 25	0 2	8 26	2 9	12 24	0 44	11 40	1 50	5 0	14 19	12 27	12 33	9 16	11 22	0 27
T 20	19 41	21 28	4 55	21 17	0 51	25 34	2 50	5 3	1 11	23 25	0 3	8 26	2 9	12 23	0 44	11 39	1 50	5 0	14 19	12 31	12 34	9 13	11 21	0 27
W21	19 55	24 58	5 0	21 42	0 57	25 26	2 50	4 50	1 8	23 24	0 3	8 26	2 9	12 23	0 44	11 39	1 50	4 59	14 19	12 36	12 35	9 9	11 20	0 27
T 22	20 8	27 9	4 48	22 6	1 3	25 18	2 50	4 37	1 5	23 24	0 3	8 25	2 9	12 23	0 44	11 38	1 50	4 59	14 19	12 40	12 36	9 6	11 19	0 27
F 23	20 21	27 44	4 19	22 28	1 9	25 10	2 50	4 24	1 3	23 24	0 3	8 25	2 9	12 23	0 44	11 38	1 50	4 59	14 19	12 44	12 37	9 3	11 18	0 27
S 24	20 33	26 35	3 35	22 50	1 15	25 1	2 49	4 10	1 0	23 23	0 3	8 24	2 8	12 23	0 44	11 37	1 50	4 59	14 19	12 47	12 38	9 0	11 17	0 27
S 25	20 45	23 46	2 37	23 10	1 20	24 51	2 49	3 57	0 57	23 23	0 3	8 24	2 8	12 22	0 45	11 37	1 50	4 59	14 19	12 49	12 39	8 56	11 16	0 27
M26	20 56	19 31	1 30	23 29	1 26	24 40	2 48	3 43	0 55	23 22	0 3	8 23	2 8	12 22	0 45	11 37	1 50	4 58	14 19	12 50	12 40	8 53	11 15	0 27
T 27	21 8	14 10	0 17	23 47	1 31	24 29	2 47	3 30	0 52	23 22	0 3	8 23	2 8	12 22	0 45	11 36	1 50	4 58	14 19	12 50	12 42	8 50	11 14	0 27
W28	21 18	8 5	0s57	24 4	1 36	24 18	2 46	3 16	0 50	23 21	0 3	8 22	2 8	12 22	0 45	11 36	1 50	4 58	14 19	12 50	12 43	8 47	11 14	0 28
T 29	21 29	1 36	2 8	24 19	1 40	24 5	2 45	3 3	0 48	23 21	0 3	8 22	2 8	12 22	0 45	11 35	1 50	4 58	14 19	12 50	12 44	8 43	11 13	0 28
F 30	21s39	4s57	3s11	24s34	1s45	23s52	2s44	2s49	0s45	23s20	0s 3	8s21	2s 7	12n22	0n45	11n35	1s50	4n58	14s18	12s51	12s45	8s40	11n12	0s28

Julian Day Number = 2406924.5, Delta T = -2.39 sec
Ecliptic obliquity = 23°27'27, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°02'03, Lahiri = 22°09'04

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ASTRODIENST EPHEMERIS for the year 1877
geocentric

DECEMBER 1877 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 39 49	8♐56'45	19♎ 7	18♐30	25♑53	25♓ 9	7♑ 6	13♓47	29♌28	5°R18	24°R17	25°R56	26♒17	5♓46	0°R24	S 1
S 2	4 43 46	9°57'39	3♏ 5	20° 3	26°57	25°39	7°19	13°49	29°29	5♉16	24♉15	25♒48	26°14	5°52	0♉21	S 2
M 3	4 47 42	10°58'33	16°55	21°36	28° 1	26° 9	7°32	13°50	29°29	5°15	24°14	25°38	26°11	5°59	0°19	M 3
T 4	4 51 39	11°59'29	0♐35	23° 8	29° 5	26°39	7°45	13°52	29°29	5°14	24°13	25°25	26° 8	6° 6	0°17	T 4
W 5	4 55 35	13° 0'26	14° 0	24°41	0♒ 8	27°10	7°58	13°54	29°R29	5°13	24°12	25°13	26° 4	6°12	0°15	W 5
T 6	4 59 32	14° 1'24	27° 8	26°13	1°12	27°41	8°11	13°56	29°29	5°11	24°11	25° 1	26° 1	6°19	0°13	T 6
F 7	5 3 28	15° 2'23	9♑58	27°45	2°15	28°12	8°25	13°58	29°29	5°10	24°10	24°51	25°58	6°26	0°12	F 7
S 8	5 7 25	16° 3'23	22°29	29°17	3°17	28°43	8°38	14° 0	29°28	5° 9	24° 9	24°44	25°55	6°32	0°10	S 8
S 9	5 11 22	17° 4'24	4♒44	0♑49	4°19	29°14	8°51	14° 3	29°28	5° 8	24° 8	24°39	25°52	6°39	0° 8	S 9
M10	5 15 18	18° 5'25	16°46	2°21	5°21	29°46	9° 5	14° 5	29°28	5° 7	24° 7	24°37	25°49	6°46	0° 6	M10
T 11	5 19 15	19° 6'26	28°38	3°52	6°23	0♈18	9°18	14° 7	29°28	5° 5	24° 6	24°D37	25°45	6°52	0° 4	T 11
W12	5 23 11	20° 7'28	10♓26	5°22	7°24	0°50	9°32	14°10	29°27	5° 4	24° 5	24°37	25°42	6°59	0° 3	W12
T 13	5 27 8	21° 8'31	22°14	6°52	8°25	1°22	9°45	14°13	29°27	5° 3	24° 4	24°R38	25°39	7° 6	0° 1	T 13
F 14	5 31 4	22° 9'34	4♈ 9	8°22	9°25	1°54	9°59	14°15	29°26	5° 2	24° 3	24°37	25°36	7°12	29♈59	F 14
S 15	5 35 1	23°10'38	16°16	9°51	10°25	2°27	10°13	14°18	29°26	5° 1	24° 2	24°34	25°33	7°19	29°58	S 15
S 16	5 38 57	24°11'42	28°40	11°19	11°24	2°59	10°26	14°21	29°25	5° 0	24° 1	24°29	25°29	7°26	29°57	S 16
M17	5 42 54	25°12'46	11♉23	12°45	12°23	3°32	10°40	14°24	29°25	4°59	24° 0	24°21	25°26	7°32	29°55	M17
T 18	5 46 51	26°13'51	24°30	14°11	13°22	4° 5	10°54	14°27	29°24	4°58	23°59	24°12	25°23	7°39	29°54	T 18
W19	5 50 47	27°14'56	7♊59	15°35	14°20	4°38	11° 7	14°31	29°23	4°58	23°58	24° 2	25°20	7°46	29°53	W19
T 20	5 54 44	28°16'02	21°49	16°57	15°17	5°12	11°21	14°34	29°22	4°57	23°57	23°52	25°17	7°52	29°52	T 20
F 21	5 58 40	29°17'08	5♋57	18°17	16°14	5°45	11°35	14°38	29°21	4°56	23°57	23°43	25°14	7°59	29°50	F 21
S 22	6 2 37	0♑18'14	20°17	19°34	17°11	6°19	11°49	14°41	29°21	4°55	23°56	23°37	25°10	8° 5	29°49	S 22
S 23	6 6 33	1°19'21	4♌43	20°48	18° 6	6°53	12° 2	14°45	29°20	4°54	23°55	23°33	25° 7	8°12	29°48	S 23
M24	6 10 30	2°20'29	19°11	21°58	19° 1	7°26	12°16	14°48	29°19	4°54	23°54	23°D31	25° 4	8°19	29°47	M24
T 25	6 14 27	3°21'37	3♍34	23° 5	19°56	8° 0	12°30	14°52	29°17	4°53	23°53	23°31	25° 1	8°25	29°46	T 25
W26	6 18 23	4°22'45	17°50	24° 6	20°50	8°35	12°44	14°56	29°16	4°52	23°52	23°32	24°58	8°32	29°45	W26
T 27	6 22 20	5°23'54	1♎58	25° 2	21°43	9° 9	12°58	15° 0	29°15	4°51	23°51	23°R33	24°55	8°39	29°45	T 27
F 28	6 26 16	6°25'04	15°56	25°52	22°36	9°43	13°12	15° 4	29°14	4°51	23°51	23°33	24°51	8°45	29°44	F 28
S 29	6 30 13	7°26'14	29°43	26°35	23°27	10°18	13°26	15° 8	29°13	4°50	23°50	23°31	24°48	8°52	29°43	S 29
S 30	6 34 9	8°27'25	13♏19	27° 9	24°18	10°52	13°40	15°13	29°11	4°50	23°49	23°26	24°45	8°59	29°42	S 30
M31	6 38 6	9♑28'36	26♏44	27♑34	25♒ 9	11♈27	13♑54	15♓17	29♌10	4♉49	23♉48	23♒20	24♒42	9♓ 5	29♈42	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s48	11s13	4s 2	24s46	1s49	23s39	2s43	2s35	0s43	23s20	0s 4	8s20	2s 7	12n22	0n45	11n34	1s50	4n58	14s18	12s53	12s46	8s37	11n11	0s28
S 2	21 58	16 54	4 38	24 58	1 53	23 25	2 41	2 21	0 41	23 19	0 4	8 19	2 7	12 22	0 45	11 34	1 50	4 57	14 18	12 56	12 47	8 34	11 10	0 28
M 3	22 6	21 39	4 58	25 8	1 57	23 11	2 39	2 7	0 38	23 18	0 4	8 19	2 7	12 22	0 45	11 34	1 50	4 57	14 18	12 59	12 48	8 30	11 10	0 28
T 4	22 15	25 10	5 0	25 17	2 1	22 56	2 38	1 53	0 36	23 18	0 4	8 18	2 7	12 22	0 45	11 33	1 50	4 57	14 18	13 3	12 49	8 27	11 9	0 28
W 5	22 23	27 13	4 45	25 25	2 4	22 40	2 35	1 39	0 34	23 17	0 4	8 17	2 6	12 22	0 45	11 33	1 50	4 57	14 18	13 8	12 50	8 24	11 8	0 28
T 6	22 30	27 41	4 16	25 31	2 7	22 24	2 33	1 25	0 32	23 16	0 4	8 16	2 6	12 22	0 45	11 32	1 49	4 57	14 18	13 12	12 51	8 21	11 7	0 28
F 7	22 37	26 38	3 34	25 36	2 10	22 7	2 31	1 10	0 30	23 16	0 4	8 15	2 6	12 22	0 45	11 32	1 49	4 57	14 18	13 15	12 52	8 17	11 7	0 28
S 8	22 44	24 15	2 42	25 39	2 12	21 50	2 28	0 56	0 28	23 15	0 4	8 14	2 6	12 22	0 45	11 32	1 49	4 57	14 17	13 17	12 53	8 14	11 6	0 28
S 9	22 50	20 46	1 44	25 41	2 14	21 33	2 26	0 42	0 26	23 14	0 4	8 13	2 6	12 22	0 45	11 31	1 49	4 57	14 17	13 19	12 54	8 11	11 5	0 28
M10	22 55	16 29	0 42	25 41	2 15	21 15	2 23	0 27	0 24	23 13	0 4	8 12	2 6	12 22	0 45	11 31	1 49	4 57	14 17	13 20	12 56	8 8	11 4	0 28
T 11	23 1	11 37	0n21	25 40	2 16	20 57	2 20	0 13	0 22	23 12	0 5	8 11	2 5	12 23	0 45	11 31	1 49	4 57	14 17	13 20	12 57	8 4	11 4	0 28
W12	23 5	6 23	1 23	25 38	2 17	20 38	2 16	0n 2	0 20	23 11	0 5	8 10	2 5	12 23	0 45	11 30	1 49	4 56	14 17	13 19	12 58	8 1	11 3	0 28
T 13	23 10	0 54	2 22	25 33	2 17	20 19	2 13	0 16	0 18	23 11	0 5	8 8	2 5	12 23	0 45	11 30	1 49	4 56	14 17	13 19	12 59	7 58	11 3	0 29
F 14	23 13	4n38	3 15	25 28	2 16	19 59	2 9	0 31	0 16	23 10	0 5	8 7	2 5	12 23	0 45	11 30	1 49	4 56	14 17	13 20	13 0	7 54	11 2	0 29
S 15	23 17	10 6	4 0	25 21	2 16	19 39	2 6	0 46	0 14	23 9	0 5	8 6	2 5	12 23	0 45	11 30	1 49	4 56	14 16	13 21	13 1	7 51	11 1	0 29
S 16	23 20	15 17	4 35	25 12	2 14	19 19	2 2	1 0	0 12	23 8	0 5	8 5	2 5	12 24	0 45	11 29	1 49	4 56	14 16	13 22	13 2	7 48	11 1	0 29
M17	23 22	19 58	4 57	25 2	2 12	18 58	1 57	1 15	0 10	23 7	0 5	8 3	2 4	12 24	0 45	11 29	1 49	4 56	14 16	13 25	13 3	7 45	11 0	0 29
T 18	23 24	23 50	5 5	24 51	2 9	18 38	1 53	1 30	0 9	23 6	0 5	8 2	2 4	12 24	0 46	11 29	1 49	4 56	14 16	13 28	13 4	7 41	11 0	0 29
W19	23 26	26 31	4 56	24 38	2 6	18 16	1 48	1 44	0 7	23 5	0 5	8 1	2 4	12 24	0 46	11 28	1 49	4 56	14 16	13 31	13 5	7 38	10 59	0 29
T 20	23 27	27 42	4 30	24 23	2 1	17 55	1 44	1 59	0 5	23 4	0 5	7 59	2 4	12 25	0 46	11 28	1 49	4 56	14 15	13 35	13 6	7 35	10 59	0 29
F 21	23 27	27 6	3 47	24 8	1 56	17 33	1 39	2 14	0 4	23 3	0 5	7 58	2 4	12 25	0 46	11 28	1 49	4 56	14 15	13 37	13 7	7 32	10 58	0 29
S 22	23 27	24 42	2 49	23 51	1 51	17 11	1 34	2 29	0 2	23 1	0 6	7 56	2 4	12 25	0 46	11 28	1 49	4 56	14 15	13 40	13 8	7 28	10 58	0 29
S 23	23 27	20 42	1 39	23 33	1 44	16 49	1 28	2 44	0 0	23 0	0 6	7 55	2 3	12 26	0 46	11 28	1 49	4 56	14 15	13 41	13 9	7 25	10 57	0 29
M24	23 26	15 27	0 23	23 15	1 36	16 26	1 23	2 58	0n 1	22 59	0 6	7 53	2 3	12 26	0 46	11 27	1 49	4 56	14 15	13 41	13 11	7 22	10 57	0 29
T 25	23 25	9 22	0s54	22 55	1 27	16 4	1 17	3 13	0 3	22 58	0 6	7 51	2 3	12 27	0 46	11 27	1 49	4 56	14 14	13 41	13 12	7 18	10 57	0 29
W26	23 23	2 51	2 7	22 35	1 18	15 41	1 11	3 28	0 4	22 57	0 6	7 50	2 3	12 27	0 46	11 27	1 49	4 56	14 14	13 41	13 13	7 15	10 56	0 29
T 27	23 21	3s43	3 12	22 14	1 7	15 18	1 5	3 43	0 6	22 55	0 6	7 48	2 3	12 28	0 46	11 27	1 48	4 56	14 14	13 41	13 14	7 12	10 56	0 29
F 28	23 18	10 2	4 5	21 53	0 55	14 55	0 58	3 58	0 7	22 54	0 6	7 46	2 3	12 28	0 46	11 27	1 48	4 56	14 14	13 41	13 15	7 9	10 56	0 29
S 29	23 15	15 47	4 43	21 32	0 42	14 31	0 51	4 13	0 9	22 53	0 6	7 45	2 2	12 28	0 46	11 27	1 48	4 56	14 13	13 42	13 16	7 5	10 55	0 29
S 30	23 11	20 40	5 4	21 11	0 27	14 8	0 45	4 28	0 10	22 52	0 6	7 43	2 2	12 29	0 46	11 26	1 48	4 56	14 13	13 43	13 17	7 2	10 55	0 30
M31	23s 7	24s26	5s 8	20s51	0s12	13s44	0s37	4n42	0n11	22s50	0s 6	7s41	2s 2	12n30	0n46	11n26	1s48	4n56	14s13	13s45	13s18	6s59	10n55	0s30

Julian Day Number = 2406954.5, Delta T = -2.42 sec
Ecliptic obliquity = 23°27'26, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°02'07, Lahiri = 22°09'08

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ASTRODIENST EPHEMERIS for the year 1878
geocentric

JANUARY 1878 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 42 2	10♑29'47	9♐57	27♑50	25♒58	12♈ 2	14♑ 7	15♓21	29°R 9	4°R49	23°R48	23°R12	24♒39	9♓12	29°R41	T 1
W 2	6 45 59	11°30'58	22°58	27°R55	26°47	12°37	14°21	15°26	29♌ 7	4♉48	23♉47	23♒ 4	24°35	9°19	29♈41	W 2
T 3	6 49 56	12°32'10	5♑45	27°48	27°34	13°12	14°35	15°30	29° 6	4°48	23°46	22°57	24°32	9°25	29°40	T 3
F 4	6 53 52	13°33'21	18°18	27°30	28°21	13°47	14°49	15°35	29° 4	4°47	23°46	22°51	24°29	9°32	29°40	F 4
S 5	6 57 49	14°34'32	0♒38	27° 0	29° 7	14°22	15° 3	15°40	29° 2	4°47	23°45	22°47	24°26	9°39	29°40	S 5
S 6	7 1 45	15°35'43	12°46	26°18	29°52	14°58	15°17	15°44	29° 1	4°47	23°44	22°44	24°23	9°45	29°40	S 6
M 7	7 5 42	16°36'54	24°44	25°25	0♓35	15°33	15°31	15°49	28°59	4°46	23°44	22°D44	24°20	9°52	29°39	M 7
T 8	7 9 38	17°38'04	6♓35	24°23	1°18	16° 9	15°45	15°54	28°57	4°46	23°43	22°44	24°16	9°59	29°39	T 8
W 9	7 13 35	18°39'14	18°22	23°13	2° 0	16°45	15°59	15°59	28°56	4°46	23°42	22°46	24°13	10° 5	29°D39	W 9
T 10	7 17 31	19°40'23	0♈10	21°58	2°40	17°20	16°13	16° 4	28°54	4°46	23°42	22°48	24°10	10°12	29°39	T 10
F 11	7 21 28	20°41'32	12° 3	20°39	3°19	17°56	16°27	16°10	28°52	4°46	23°41	22°49	24° 7	10°18	29°39	F 11
S 12	7 25 25	21°42'40	24° 8	19°19	3°57	18°32	16°41	16°15	28°50	4°45	23°41	22°R50	24° 4	10°25	29°40	S 12
S 13	7 29 21	22°43'47	6♉29	18° 2	4°33	19° 8	16°55	16°20	28°48	4°45	23°40	22°49	24° 1	10°32	29°40	S 13
M14	7 33 18	23°44'54	19°10	16°48	5° 9	19°44	17° 9	16°26	28°46	4°45	23°40	22°46	23°57	10°38	29°40	M14
T 15	7 37 14	24°46'00	2♊15	15°40	5°42	20°20	17°23	16°31	28°44	4°D45	23°39	22°43	23°54	10°45	29°40	T 15
W16	7 41 11	25°47'05	15°46	14°40	6°14	20°56	17°37	16°37	28°42	4°45	23°39	22°39	23°51	10°52	29°41	W16
T 17	7 45 7	26°48'10	29°44	13°48	6°45	21°33	17°51	16°42	28°40	4°45	23°38	22°35	23°48	10°58	29°41	T 17
F 18	7 49 4	27°49'14	14♋ 5	13° 5	7°14	22° 9	18° 5	16°48	28°38	4°46	23°38	22°31	23°45	11° 5	29°42	F 18
S 19	7 53 0	28°50'17	28°44	12°32	7°41	22°45	18°19	16°53	28°36	4°46	23°37	22°29	23°41	11°12	29°42	S 19
S 20	7 56 57	29°51'19	13♌35	12° 8	8° 7	23°22	18°32	16°59	28°33	4°46	23°37	22°27	23°38	11°18	29°43	S 20
M21	8 0 54	0♒52'21	28°29	11°53	8°30	23°58	18°46	17° 5	28°31	4°46	23°37	22°D27	23°35	11°25	29°44	M21
T 22	8 4 50	1°53'22	13♍19	11°D46	8°52	24°35	19° 0	17°11	28°29	4°46	23°36	22°28	23°32	11°32	29°44	T 22
W23	8 8 47	2°54'22	27°59	11°48	9°12	25°11	19°14	17°17	28°27	4°46	23°36	22°29	23°29	11°38	29°45	W23
T 24	8 12 43	3°55'22	12♎23	11°58	9°30	25°48	19°28	17°23	28°24	4°47	23°36	22°31	23°26	11°45	29°46	T 24
F 25	8 16 40	4°56'22	26°29	12°14	9°45	26°25	19°41	17°29	28°22	4°47	23°35	22°31	23°22	11°52	29°47	F 25
S 26	8 20 36	5°57'20	10♏16	12°38	9°59	27° 1	19°55	17°35	28°20	4°48	23°35	22°R32	23°19	11°58	29°48	S 26
S 27	8 24 33	6°58'19	23°44	13° 7	10°10	27°38	20° 9	17°41	28°17	4°48	23°35	22°31	23°16	12° 5	29°49	S 27
M28	8 28 29	7°59'16	6♐54	13°41	10°20	28°15	20°23	17°48	28°15	4°48	23°35	22°29	23°13	12°12	29°50	M28
T 29	8 32 26	9° 0'13	19°48	14°21	10°27	28°52	20°36	17°54	28°13	4°49	23°35	22°28	23°10	12°18	29°51	T 29
W30	8 36 23	10° 1'10	2♑27	15° 5	10°31	29°29	20°50	18° 0	28°10	4°49	23°34	22°26	23° 7	12°25	29°52	W30
T 31	8 40 19	11♒ 2'05	14♑54	15♑53	10°R33	0♉ 6	21♑ 3	18♓ 7	28♌ 8	4♉50	23♉34	22♒24	23♒ 3	12♓32	29♈54	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 3	26s50	4s56	20s32	0n 5	13s21	0s30	4n57	0n13	22s49	0s 6	7s39	2s 2	12n30	0n46	11n26	1s48	4n56	14s13	13s48	13s19	6s55	10n55	0s30
W 2	22 57	27 44	4 28	20 14	0 22	12 57	0 22	5 12	0 14	22 48	0 7	7 37	2 2	12 31	0 46	11 26	1 48	4 57	14 13	13 50	13 20	6 52	10 54	0 30
T 3	22 52	27 7	3 47	19 57	0 41	12 33	0 15	5 27	0 15	22 46	0 7	7 35	2 2	12 31	0 46	11 26	1 48	4 57	14 12	13 53	13 21	6 49	10 54	0 30
F 4	22 46	25 7	2 56	19 42	0 59	12 10	0 7	5 42	0 17	22 45	0 7	7 33	2 2	12 32	0 46	11 26	1 48	4 57	14 12	13 55	13 22	6 46	10 54	0 30
S 5	22 40	21 56	1 57	19 29	1 19	11 46	0n 2	5 57	0 18	22 43	0 7	7 31	2 1	12 32	0 46	11 26	1 48	4 57	14 12	13 56	13 23	6 42	10 54	0 30
S 6	22 33	17 51	0 54	19 18	1 38	11 22	0 10	6 12	0 19	22 42	0 7	7 29	2 1	12 33	0 46	11 26	1 48	4 57	14 11	13 57	13 24	6 39	10 54	0 30
M 7	22 25	13 7	0n11	19 10	1 57	10 59	0 19	6 27	0 20	22 40	0 7	7 27	2 1	12 34	0 46	11 26	1 48	4 57	14 11	13 57	13 25	6 36	10 54	0 30
T 8	22 18	7 57	1 15	19 3	2 15	10 35	0 28	6 41	0 22	22 39	0 7	7 25	2 1	12 34	0 46	11 26	1 48	4 57	14 11	13 57	13 26	6 32	10 53	0 30
W 9	22 9	2 31	2 16	18 58	2 31	10 11	0 37	6 56	0 23	22 37	0 7	7 23	2 1	12 35	0 46	11 26	1 48	4 57	14 11	13 56	13 27	6 29	10 53	0 30
T 10	22 1	2n59	3 11	18 56	2 46	9 48	0 47	7 11	0 24	22 36	0 7	7 21	2 1	12 36	0 46	11 26	1 48	4 57	14 10	13 56	13 29	6 26	10 53	0 30
F 11	21 52	8 25	3 58	18 55	2 59	9 25	0 57	7 26	0 25	22 34	0 7	7 19	2 1	12 36	0 46	11 26	1 48	4 58	14 10	13 55	13 30	6 23	10 53	0 30
S 12	21 42	13 38	4 35	18 56	3 10	9 2	1 7	7 40	0 26	22 32	0 8	7 17	2 1	12 37	0 46	11 26	1 48	4 58	14 10	13 55	13 31	6 19	10 53	0 30
S 13	21 32	18 25	5 1	18 59	3 18	8 39	1 17	7 55	0 27	22 31	0 8	7 15	2 0	12 38	0 47	11 26	1 47	4 58	14 10	13 55	13 32	6 16	10 53	0 30
M14	21 22	22 33	5 13	19 2	3 23	8 17	1 27	8 10	0 29	22 29	0 8	7 12	2 0	12 38	0 47	11 26	1 47	4 58	14 9	13 56	13 33	6 13	10 53	0 30
T 15	21 11	25 41	5 9	19 7	3 26	7 54	1 38	8 24	0 30	22 27	0 8	7 10	2 0	12 39	0 47	11 26	1 47	4 58	14 9	13 57	13 34	6 9	10 53	0 30
W16	21 0	27 29	4 49	19 13	3 27	7 32	1 49	8 39	0 31	22 26	0 8	7 8	2 0	12 40	0 47	11 26	1 47	4 58	14 9	13 59	13 35	6 6	10 54	0 30
T 17	20 49	27 38	4 11	19 20	3 25	7 11	2 0	8 54	0 32	22 24	0 8	7 6	2 0	12 41	0 47	11 26	1 47	4 59	14 8	14 0	13 36	6 3	10 54	0 31
F 18	20 37	25 57	3 16	19 28	3 22	6 49	2 12	9 8	0 33	22 22	0 8	7 3	2 0	12 41	0 47	11 26	1 47	4 59	14 8	14 1	13 37	6 0	10 54	0 31
S 19	20 24	22 30	2 7	19 36	3 17	6 28	2 24	9 23	0 34	22 20	0 8	7 1	2 0	12 42	0 47	11 26	1 47	4 59	14 8	14 2	13 38	5 56	10 54	0 31
S 20	20 12	17 32	0 49	19 45	3 10	6 8	2 36	9 37	0 35	22 19	0 8	6 59	2 0	12 43	0 47	11 26	1 47	4 59	14 8	14 2	13 39	5 53	10 54	0 31
M21	19 59	11 29	0s33	19 53	3 3	5 48	2 48	9 51	0 36	22 17	0 8	6 56	2 0	12 44	0 47	11 26	1 47	4 59	14 7	14 2	13 40	5 50	10 54	0 31
T 22	19 45	4 49	1 53	20 2	2 54	5 28	3 0	10 6	0 36	22 15	0 9	6 54	1 59	12 44	0 47	11 27	1 47	5 0	14 7	14 2	13 41	5 46	10 54	0 31
W23	19 31	2s 1	3 4	20 11	2 45	5 9	3 13	10 20	0 37	22 13	0 9	6 52	1 59	12 45	0 47	11 27	1 47	5 0	14 7	14 2	13 42	5 43	10 55	0 31
T 24	19 17	8 37	4 2	20 20	2 35	4 50	3 26	10 34	0 38	22 11	0 9	6 49	1 59	12 46	0 47	11 27	1 47	5 0	14 6	14 1	13 43	5 40	10 55	0 31
F 25	19 3	14 38	4 44	20 29	2 25	4 32	3 39	10 48	0 39	22 9	0 9	6 47	1 59	12 47	0 47	11 27	1 47	5 0	14 6	14 1	13 44	5 36	10 55	0 31
S 26	18 48	19 48	5 9	20 37	2 15	4 15	3 52	11 3	0 40	22 8	0 9	6 44	1 59	12 48	0 47	11 27	1 47	5 1	14 6	14 1	13 45	5 33	10 56	0 31
S 27	18 33	23 49	5 16	20 45	2 4	3 58	4 5	11 17	0 41	22 6	0 9	6 42	1 59	12 49	0 47	11 27	1 47	5 1	14 5	14 1	13 46	5 30	10 56	0 31
M28	18 17	26 31	5 7	20 53	1 53	3 43	4 19	11 31	0 42	22 4	0 9	6 39	1 59	12 49	0 47	11 28	1 47	5 1	14 5	14 2	13 47	5 26	10 56	0 31
T 29	18 1	27 44	4 41	20 59	1 42	3 27	4 32	11 45	0 43	22 2	0 9	6 37	1 59	12 50	0 47	11 28	1 46	5 1	14 5	14 2	13 48	5 23	10 57	0 31
W30	17 45	27 29	4 3	21 5	1 32	3 13	4 46	11 58	0 43	22 0	0 9	6 34	1 59	12 51	0 47	11 28	1 46	5 2	14 4	14 3	13 50	5 20	10 57	0 31
T 31	17s28	25s49	3s13	21s10	1n21	2s59	4n59	12n12	0n44	21s58	0s 9	6s31	1s59	12n52	0n47	11n28	1s46	5n 2	14s 4	14s 3	13s51	5s17	10n57	0s31

Julian Day Number = 2406985.5, Delta T = -2.45 sec
Ecliptic obliquity = 23°27'25, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°02'12, Lahiri = 22°09'12

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ASTRODIENST EPHEMERIS for the year 1878
geocentric

FEBRUARY 1878 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 44 16	12♒ 2'59	27♑10	16♑44	10°R33	0♉43	21♑17	18♓13	28°R 5	4♉50	23°R34	22°R23	23♒ 0	12♓38	29♈55	F 1
S 2	8 48 12	13° 3'52	9♒16	17°39	10♓30	1°20	21°31	18°20	28♌ 3	4°51	23♉34	22♒22	22°57	12°45	29°56	S 2
S 3	8 52 9	14° 4'45	21°14	18°38	10°25	1°57	21°44	18°26	28° 0	4°52	23°34	22°D21	22°54	12°51	29°58	S 3
M 4	8 56 5	15° 5'35	3♓ 7	19°39	10°17	2°34	21°57	18°33	27°58	4°52	23°34	22°22	22°51	12°58	29°59	M 4
T 5	9 0 2	16° 6'25	14°55	20°42	10° 7	3°12	22°11	18°39	27°55	4°53	23°34	22°22	22°47	13° 5	0♉ 1	T 5
W 6	9 3 58	17° 7'13	26°43	21°48	9°54	3°49	22°24	18°46	27°53	4°54	23°D34	22°23	22°44	13°11	0° 2	W 6
T 7	9 7 55	18° 8'00	8♈32	22°56	9°39	4°26	22°38	18°53	27°50	4°55	23°34	22°23	22°41	13°18	0° 4	T 7
F 8	9 11 52	19° 8'45	20°26	24° 6	9°21	5° 3	22°51	18°59	27°47	4°55	23°34	22°24	22°38	13°25	0° 6	F 8
S 9	9 15 48	20° 9'28	2♉30	25°18	9° 1	5°41	23° 4	19° 6	27°45	4°56	23°34	22°24	22°35	13°31	0° 7	S 9
S 10	9 19 45	21°10'11	14°48	26°32	8°39	6°18	23°17	19°13	27°42	4°57	23°34	22°24	22°32	13°38	0° 9	S 10
M11	9 23 41	22°10'51	27°24	27°48	8°14	6°56	23°30	19°20	27°40	4°58	23°34	22°24	22°28	13°45	0°11	M11
T 12	9 27 38	23°11'30	10♊22	29° 4	7°47	7°33	23°44	19°27	27°37	4°59	23°34	22°24	22°25	13°51	0°13	T 12
W13	9 31 34	24°12'07	23°45	0♒23	7°18	8°10	23°57	19°34	27°34	5° 0	23°34	22°24	22°22	13°58	0°15	W13
T 14	9 35 31	25°12'42	7♋36	1°43	6°48	8°48	24°10	19°41	27°32	5° 1	23°35	22°24	22°19	14° 5	0°17	T 14
F 15	9 39 28	26°13'16	21°54	3° 4	6°15	9°25	24°23	19°48	27°29	5° 2	23°35	22°25	22°16	14°11	0°19	F 15
S 16	9 43 24	27°13'48	6♌35	4°26	5°42	10° 3	24°36	19°55	27°26	5° 3	23°35	22°25	22°13	14°18	0°21	S 16
S 17	9 47 21	28°14'18	21°35	5°50	5° 7	10°41	24°48	20° 2	27°24	5° 4	23°35	22°R25	22° 9	14°25	0°23	S 17
M18	9 51 17	29°14'47	6♍46	7°15	4°31	11°18	25° 1	20° 9	27°21	5° 5	23°35	22°25	22° 6	14°31	0°26	M18
T 19	9 55 14	0♓15'14	21°57	8°41	3°54	11°56	25°14	20°16	27°18	5° 7	23°36	22°25	22° 3	14°38	0°28	T 19
W20	9 59 10	1°15'39	7♎ 0	10° 8	3°16	12°33	25°27	20°23	27°16	5° 8	23°36	22°24	22° 0	14°45	0°30	W20
T 21	10 3 7	2°16'03	21°46	11°36	2°39	13°11	25°39	20°30	27°13	5° 9	23°36	22°22	21°57	14°51	0°33	T 21
F 22	10 7 3	3°16'26	6♏ 9	13° 5	2° 1	13°48	25°52	20°37	27°11	5°10	23°37	22°21	21°53	14°58	0°35	F 22
S 23	10 11 0	4°16'48	20° 7	14°35	1°24	14°26	26° 4	20°45	27° 8	5°11	23°37	22°20	21°50	15° 5	0°37	S 23
S 24	10 14 56	5°17'08	3♐38	16° 7	0°47	15° 4	26°17	20°52	27° 5	5°13	23°37	22°D20	21°47	15°11	0°40	S 24
M25	10 18 53	6°17'26	16°46	17°39	0°11	15°41	26°29	20°59	27° 3	5°14	23°38	22°20	21°44	15°18	0°42	M25
T 26	10 22 50	7°17'43	29°32	19°13	29♒36	16°19	26°41	21° 6	27° 0	5°15	23°38	22°21	21°41	15°25	0°45	T 26
W27	10 26 46	8°17'59	12♑ 0	20°47	29° 2	16°57	26°53	21°14	26°58	5°17	23°39	22°22	21°38	15°31	0°48	W27
T 28	10 30 43	9♓18'13	24♑13	22♒23	28♒30	17♉35	27♑ 6	21♓21	26♌55	5♉18	23♉39	22♒24	21♒34	15♓38	0♉50	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s12	22s57	2s15	21s15	1n10	2s47	5n13	12n26	0n45	21s56	0s10	6s29	1s59	12n53	0n47	11n29	1s46	5n 2	14s 4	14s 4	13s52	5s13	10n58	0s31
S 2	16 54	19 6	1 12	21 18	1 0	2 35	5 27	12 40	0 46	21 54	0 10	6 26	1 59	12 54	0 47	11 29	1 46	5 2	14 3	14 4	13 53	5 10	10 58	0 31
S 3	16 37	14 32	0 6	21 21	0 49	2 24	5 41	12 53	0 46	21 52	0 10	6 24	1 58	12 55	0 47	11 29	1 46	5 3	14 3	14 4	13 54	5 7	10 59	0 31
M 4	16 19	9 27	0n59	21 22	0 39	2 15	5 54	13 7	0 47	21 50	0 10	6 21	1 58	12 56	0 47	11 29	1 46	5 3	14 3	14 4	13 55	5 3	10 59	0 31
T 5	16 1	4 4	2 2	21 23	0 29	2 6	6 8	13 20	0 48	21 48	0 10	6 18	1 58	12 56	0 47	11 30	1 46	5 3	14 3	14 4	13 56	5 0	11 0	0 31
W 6	15 43	1n26	3 0	21 22	0 20	1 58	6 21	13 34	0 49	21 46	0 10	6 16	1 58	12 57	0 47	11 30	1 46	5 4	14 2	14 4	13 57	4 57	11 0	0 32
T 7	15 24	6 54	3 50	21 20	0 10	1 52	6 34	13 47	0 49	21 43	0 10	6 13	1 58	12 58	0 47	11 30	1 46	5 4	14 2	14 4	13 58	4 53	11 1	0 32
F 8	15 6	12 9	4 30	21 18	0 1	1 47	6 47	14 0	0 50	21 41	0 10	6 10	1 58	12 59	0 47	11 31	1 46	5 4	14 2	14 3	13 59	4 50	11 1	0 32
S 9	14 47	17 2	4 59	21 13	0s 8	1 43	6 59	14 13	0 51	21 39	0 10	6 8	1 58	13 0	0 47	11 31	1 46	5 5	14 1	14 3	14 0	4 47	11 2	0 32
S 10	14 27	21 18	5 15	21 8	0 17	1 40	7 11	14 26	0 51	21 37	0 11	6 5	1 58	13 1	0 47	11 31	1 46	5 5	14 1	14 3	14 1	4 43	11 2	0 32
M11	14 8	24 44	5 17	21 2	0 25	1 38	7 23	14 39	0 52	21 35	0 11	6 2	1 58	13 2	0 47	11 32	1 46	5 5	14 1	14 3	14 2	4 40	11 3	0 32
T 12	13 48	27 0	5 3	20 54	0 33	1 38	7 34	14 52	0 53	21 33	0 11	5 59	1 58	13 3	0 47	11 32	1 46	5 6	14 0	14 3	14 3	4 37	11 4	0 32
W13	13 28	27 50	4 32	20 45	0 41	1 39	7 44	15 5	0 53	21 31	0 11	5 57	1 58	13 4	0 47	11 32	1 46	5 6	14 0	14 3	14 4	4 34	11 4	0 32
T 14	13 8	26 58	3 44	20 35	0 49	1 41	7 54	15 18	0 54	21 29	0 11	5 54	1 58	13 5	0 47	11 33	1 46	5 6	14 0	14 3	14 5	4 30	11 5	0 32
F 15	12 47	24 20	2 42	20 24	0 56	1 44	8 3	15 30	0 55	21 26	0 11	5 51	1 58	13 6	0 47	11 33	1 45	5 7	13 59	14 3	14 6	4 27	11 6	0 32
S 16	12 27	20 3	1 27	20 11	1 3	1 48	8 11	15 43	0 55	21 24	0 11	5 48	1 58	13 6	0 47	11 34	1 45	5 7	13 59	14 3	14 7	4 24	11 6	0 32
S 17	12 6	14 23	0 5	19 57	1 10	1 54	8 19	15 55	0 56	21 22	0 11	5 45	1 58	13 7	0 47	11 34	1 45	5 7	13 59	14 3	14 8	4 20	11 7	0 32
M18	11 45	7 49	1s19	19 42	1 16	2 1	8 25	16 7	0 56	21 20	0 11	5 43	1 58	13 8	0 47	11 34	1 45	5 8	13 58	14 3	14 9	4 17	11 8	0 32
T 19	11 23	0 47	2 37	19 26	1 22	2 9	8 31	16 20	0 57	21 18	0 12	5 40	1 58	13 9	0 47	11 35	1 45	5 8	13 58	14 3	14 10	4 14	11 8	0 32
W20	11 2	6s12	3 43	19 8	1 28	2 17	8 36	16 32	0 57	21 16	0 12	5 37	1 58	13 10	0 47	11 35	1 45	5 8	13 58	14 4	14 11	4 10	11 9	0 32
T 21	10 41	12 42	4 33	18 49	1 33	2 27	8 39	16 44	0 58	21 13	0 12	5 34	1 58	13 11	0 47	11 36	1 45	5 9	13 57	14 4	14 12	4 7	11 10	0 32
F 22	10 19	18 22	5 5	18 29	1 39	2 38	8 42	16 55	0 58	21 11	0 12	5 31	1 58	13 12	0 47	11 36	1 45	5 9	13 57	14 4	14 13	4 4	11 11	0 32
S 23	9 57	22 52	5 17	18 7	1 43	2 49	8 44	17 7	0 59	21 9	0 12	5 28	1 58	13 13	0 47	11 37	1 45	5 10	13 57	14 5	14 14	4 0	11 12	0 32
S 24	9 35	25 59	5 11	17 44	1 48	3 1	8 45	17 19	0 59	21 7	0 12	5 25	1 58	13 14	0 47	11 37	1 45	5 10	13 56	14 5	14 15	3 57	11 12	0 32
M25	9 13	27 35	4 49	17 20	1 52	3 13	8 45	17 30	1 0	21 4	0 12	5 23	1 58	13 15	0 47	11 38	1 45	5 10	13 56	14 5	14 16	3 54	11 13	0 33
T 26	8 50	27 40	4 13	16 54	1 55	3 26	8 43	17 42	1 0	21 2	0 12	5 20	1 58	13 15	0 47	11 38	1 45	5 11	13 56	14 4	14 17	3 50	11 14	0 33
W27	8 28	26 20	3 26	16 27	1 59	3 40	8 41	17 53	1 1	21 0	0 13	5 17	1 58	13 16	0 47	11 39	1 45	5 11	13 56	14 4	14 18	3 47	11 15	0 33
T 28	8s 5	23s45	2s30	15s59	2s 2	3s53	8n38	18n 4	1n 1	20s58	0s13	5s14	1s58	13n17	0n47	11n39	1s45	5n12	13s55	14s 3	14s19	3s44	11n16	0s33

Julian Day Number = 2407016.5, Delta T = -2.49 sec
Ecliptic obliquity = 23°27'26, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°02'16, Lahiri = 22°09'16

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ASTRODIENST EPHEMERIS for the year 1878
geocentric

MARCH 1878 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 34 39	10♓18'26	6♒16	23♒59	27°R59	18♉12	27♊18	21♓28	26°R53	5♉20	23♉39	22♒25	21♒31	15♓45	0♉53	F 1
S 2	10 38 36	11°18'36	18°11	25°37	27♒31	18°50	27°30	21°36	26♌50	5°21	23°40	22°R26	21°28	15°51	0°56	S 2
S 3	10 42 32	12°18'45	0♓ 2	27°15	27° 4	19°28	27°42	21°43	26°47	5°23	23°40	22°26	21°25	15°58	0°59	S 3
M 4	10 46 29	13°18'53	11°50	28°55	26°39	20° 6	27°53	21°50	26°45	5°24	23°41	22°25	21°22	16° 5	1° 1	M 4
T 5	10 50 25	14°18'58	23°38	0♓36	26°16	20°43	28° 5	21°58	26°43	5°26	23°42	22°22	21°18	16°11	1° 4	T 5
W 6	10 54 22	15°19'01	5♈28	2°18	25°56	21°21	28°17	22° 5	26°40	5°27	23°42	22°19	21°15	16°18	1° 7	W 6
T 7	10 58 19	16°19'03	17°21	4° 1	25°37	21°59	28°28	22°12	26°38	5°29	23°43	22°15	21°12	16°24	1°10	T 7
F 8	11 2 15	17°19'02	29°21	5°45	25°22	22°37	28°40	22°20	26°35	5°31	23°43	22°10	21° 9	16°31	1°13	F 8
S 9	11 6 12	18°18'59	11♉30	7°30	25° 8	23°15	28°51	22°27	26°33	5°32	23°44	22° 6	21° 6	16°38	1°16	S 9
S 10	11 10 8	19°18'55	23°49	9°17	24°58	23°53	29° 3	22°35	26°30	5°34	23°45	22° 3	21° 3	16°44	1°19	S 10
M11	11 14 5	20°18'48	6♊24	11° 5	24°49	24°30	29°14	22°42	26°28	5°36	23°45	22° 1	20°59	16°51	1°22	M11
T 12	11 18 1	21°18'39	19°17	12°53	24°43	25° 8	29°25	22°49	26°26	5°37	23°46	22°D 0	20°56	16°58	1°26	T 12
W13	11 21 58	22°18'27	2♋32	14°43	24°40	25°46	29°36	22°57	26°23	5°39	23°47	22° 0	20°53	17° 4	1°29	W13
T 14	11 25 54	23°18'14	16°10	16°34	24°D39	26°24	29°47	23° 4	26°21	5°41	23°47	22° 1	20°50	17°11	1°32	T 14
F 15	11 29 51	24°17'58	0♌15	18°27	24°40	27° 2	29°58	23°12	26°19	5°43	23°48	22° 3	20°47	17°18	1°35	F 15
S 16	11 33 48	25°17'40	14°44	20°20	24°44	27°40	0♒ 9	23°19	26°17	5°44	23°49	22°R 4	20°44	17°24	1°38	S 16
S 17	11 37 44	26°17'19	29°36	22°15	24°50	28°18	0°19	23°27	26°15	5°46	23°50	22° 4	20°40	17°31	1°42	S 17
M18	11 41 41	27°16'56	14♍44	24°10	24°58	28°56	0°30	23°34	26°12	5°48	23°51	22° 2	20°37	17°38	1°45	M18
T 19	11 45 37	28°16'31	29°59	26° 7	25° 8	29°33	0°40	23°41	26°10	5°50	23°51	21°59	20°34	17°44	1°48	T 19
W20	11 49 34	29°16'05	15♎12	28° 5	25°21	0♊11	0°51	23°49	26° 8	5°52	23°52	21°54	20°31	17°51	1°52	W20
T 21	11 53 30	0♈15'36	0♏11	0♈ 4	25°36	0°49	1° 1	23°56	26° 6	5°54	23°53	21°48	20°28	17°58	1°55	T 21
F 22	11 57 27	1°15'05	14°49	2° 4	25°52	1°27	1°11	24° 4	26° 4	5°56	23°54	21°43	20°24	18° 4	1°59	F 22
S 23	12 1 23	2°14'33	29° 0	4° 5	26°11	2° 5	1°21	24°11	26° 2	5°58	23°55	21°38	20°21	18°11	2° 2	S 23
S 24	12 5 20	3°13'59	12♐42	6° 6	26°32	2°43	1°31	24°18	26° 0	5°59	23°56	21°34	20°18	18°18	2° 5	S 24
M25	12 9 17	4°13'23	25°55	8° 8	26°54	3°21	1°41	24°26	25°58	6° 1	23°57	21°32	20°15	18°24	2° 9	M25
T 26	12 13 13	5°12'46	8♑42	10°10	27°18	3°59	1°51	24°33	25°56	6° 3	23°58	21°D32	20°12	18°31	2°13	T 26
W27	12 17 10	6°12'06	21° 7	12°13	27°44	4°36	2° 1	24°40	25°55	6° 5	23°59	21°32	20° 9	18°38	2°16	W27
T 28	12 21 6	7°11'25	3♒16	14°15	28°12	5°14	2°10	24°48	25°53	6° 7	24° 0	21°34	20° 5	18°44	2°20	T 28
F 29	12 25 3	8°10'42	15°13	16°17	28°41	5°52	2°19	24°55	25°51	6°10	24° 0	21°35	20° 2	18°51	2°23	F 29
S 30	12 28 59	9° 9'57	27° 3	18°18	29°12	6°30	2°29	25° 2	25°49	6°12	24° 1	21°R35	19°59	18°58	2°27	S 30
S 31	12 32 56	10♈ 9'11	8♓50	20♈19	29♒44	7♊ 8	2♒38	25♓10	25♌48	6♉14	24♉ 2	21♒33	19♒56	19♓ 4	2♉31	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s43	20s 9	1s28	15s29	2s 4	4s 7	8n35	18n15	1n 2	20s56	0s13	5s11	1s58	13n18	0n47	11n40	1s45	5n12	13s55	14s 3	14s20	3s41	11n17	0s33
S 2	7 20	15 46	0 23	14 58	2 6	4 21	8 30	18 26	1 2	20 53	0 13	5 8	1 58	13 19	0 47	11 40	1 45	5 12	13 55	14 3	14 21	3 37	11 18	0 33
S 3	6 57	10 49	0n42	14 26	2 8	4 35	8 24	18 37	1 3	20 51	0 13	5 5	1 58	13 20	0 47	11 41	1 45	5 13	13 54	14 3	14 23	3 34	11 19	0 33
M 4	6 34	5 31	1 45	13 53	2 9	4 49	8 18	18 48	1 3	20 49	0 13	5 2	1 58	13 21	0 47	11 41	1 45	5 13	13 54	14 3	14 24	3 31	11 19	0 33
T 5	6 11	0 1	2 44	13 18	2 10	5 3	8 12	18 58	1 3	20 47	0 13	4 59	1 58	13 21	0 47	11 42	1 45	5 14	13 54	14 4	14 25	3 27	11 20	0 33
W 6	5 47	5n28	3 35	12 42	2 11	5 17	8 4	19 8	1 4	20 44	0 13	4 57	1 58	13 22	0 47	11 42	1 45	5 14	13 53	14 5	14 26	3 24	11 21	0 33
T 7	5 24	10 47	4 18	12 4	2 11	5 30	7 56	19 19	1 4	20 42	0 14	4 54	1 58	13 23	0 47	11 43	1 44	5 14	13 53	14 6	14 27	3 21	11 22	0 33
F 8	5 1	15 45	4 49	11 26	2 11	5 43	7 48	19 29	1 5	20 40	0 14	4 51	1 58	13 24	0 47	11 44	1 44	5 15	13 53	14 8	14 28	3 17	11 23	0 33
S 9	4 37	20 10	5 8	10 46	2 10	5 56	7 39	19 39	1 5	20 38	0 14	4 48	1 58	13 25	0 47	11 44	1 44	5 15	13 53	14 9	14 29	3 14	11 24	0 33
S 10	4 14	23 48	5 14	10 5	2 8	6 9	7 29	19 49	1 5	20 36	0 14	4 45	1 58	13 26	0 47	11 45	1 44	5 16	13 52	14 10	14 30	3 11	11 25	0 33
M11	3 50	26 23	5 4	9 22	2 7	6 21	7 20	19 58	1 6	20 33	0 14	4 42	1 58	13 26	0 47	11 45	1 44	5 16	13 52	14 11	14 31	3 7	11 26	0 33
T 12	3 27	27 40	4 39	8 38	2 4	6 32	7 10	20 8	1 6	20 31	0 14	4 39	1 58	13 27	0 47	11 46	1 44	5 17	13 52	14 11	14 32	3 4	11 27	0 33
W13	3 3	27 25	3 59	7 53	2 2	6 43	6 59	20 18	1 7	20 29	0 14	4 36	1 58	13 28	0 47	11 47	1 44	5 17	13 51	14 11	14 33	3 1	11 28	0 33
T 14	2 40	25 31	3 4	7 7	1 58	6 53	6 49	20 27	1 7	20 27	0 14	4 33	1 58	13 29	0 47	11 47	1 44	5 18	13 51	14 11	14 34	2 57	11 30	0 33
F 15	2 16	22 1	1 57	6 20	1 55	7 3	6 38	20 36	1 7	20 25	0 15	4 30	1 58	13 29	0 47	11 48	1 44	5 18	13 51	14 10	14 35	2 54	11 31	0 34
S 16	1 52	17 4	0 40	5 31	1 50	7 12	6 27	20 45	1 8	20 22	0 15	4 27	1 58	13 30	0 47	11 48	1 44	5 18	13 51	14 10	14 36	2 51	11 32	0 34
S 17	1 29	10 59	0s41	4 42	1 46	7 20	6 16	20 54	1 8	20 20	0 15	4 25	1 58	13 31	0 47	11 49	1 44	5 19	13 50	14 10	14 37	2 47	11 33	0 34
M18	1 5	4 10	2 1	3 51	1 40	7 28	6 5	21 3	1 8	20 18	0 15	4 22	1 58	13 32	0 47	11 50	1 44	5 19	13 50	14 10	14 38	2 44	11 34	0 34
T 19	0 41	2s56	3 12	2 59	1 34	7 35	5 54	21 11	1 8	20 16	0 15	4 19	1 58	13 32	0 47	11 50	1 44	5 20	13 50	14 11	14 39	2 41	11 35	0 34
W20	0 17	9 49	4 10	2 6	1 28	7 42	5 43	21 20	1 9	20 14	0 15	4 16	1 58	13 33	0 47	11 51	1 44	5 20	13 49	14 13	14 40	2 38	11 36	0 34
T 21	0n 6	16 3	4 49	1 13	1 21	7 47	5 31	21 28	1 9	20 12	0 15	4 13	1 58	13 34	0 47	11 52	1 44	5 21	13 49	14 15	14 41	2 34	11 37	0 34
F 22	0 30	21 12	5 8	0 18	1 14	7 53	5 20	21 36	1 9	20 10	0 16	4 10	1 58	13 34	0 47	11 52	1 44	5 21	13 49	14 17	14 42	2 31	11 38	0 34
S 23	0 54	24 57	5 8	0n37	1 6	7 57	5 9	21 44	1 10	20 8	0 16	4 7	1 58	13 35	0 47	11 53	1 44	5 22	13 49	14 18	14 43	2 28	11 39	0 34
S 24	1 17	27 8	4 50	1 33	0 57	8 0	4 58	21 52	1 10	20 6	0 16	4 4	1 58	13 36	0 47	11 54	1 44	5 22	13 48	14 20	14 44	2 24	11 41	0 34
M25	1 41	27 40	4 17	2 29	0 48	8 3	4 47	21 59	1 10	20 4	0 16	4 2	1 58	13 36	0 47	11 54	1 44	5 22	13 48	14 20	14 45	2 21	11 42	0 34
T 26	2 4	26 41	3 32	3 26	0 39	8 6	4 36	22 7	1 10	20 2	0 16	3 59	1 58	13 37	0 47	11 55	1 44	5 23	13 48	14 20	14 46	2 18	11 43	0 34
W27	2 28	24 24	2 38	4 23	0 29	8 7	4 25	22 14	1 11	19 59	0 16	3 56	1 58	13 37	0 47	11 56	1 44	5 23	13 48	14 20	14 47	2 14	11 44	0 34
T 28	2 51	21 1	1 38	5 21	0 18	8 8	4 14	22 21	1 11	19 57	0 16	3 53	1 59	13 38	0 47	11 56	1 44	5 24	13 47	14 20	14 48	2 11	11 45	0 34
F 29	3 15	16 50	0 34	6 18	0 8	8 8	4 4	22 28	1 11	19 56	0 17	3 50	1 59	13 39	0 47	11 57	1 44	5 24	13 47	14 19	14 49	2 8	11 46	0 34
S 30	3 38	12 2	0n30	7 14	0n 3	8 7	3 53	22 35	1 11	19 54	0 17	3 47	1 59	13 39	0 47	11 58	1 44	5 25	13 47	14 19	14 50	2 4	11 48	0 34
S 31	4n 1	6s51	1n32	8n10	0n15	8s 6	3n42	22n42	1n12	19s52	0s17	3s45	1s59	13n40	0n47	11n59	1s44	5n25	13s47	14s20	14s51	2s 1	11n49	0s35

Julian Day Number = 2407044.5, Delta T = -2.52 sec
Ecliptic obliquity = 23°27'26, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°02'20, Lahiri = 22°09'20

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ASTRODIENST EPHEMERIS for the year 1878
geocentric

APRIL 1878 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 36 52	11♈ 8'22	20♓37	22♈18	0♓17	7♊46	2♒47	25♓17	25°R46	6♉16	24♉ 4	21°R29	19♒53	19♓11	2♉34	M 1
T 2	12 40 49	12° 7'31	2♈27	24°16	0°52	8°24	2°56	25°24	25♌44	6°18	24° 5	21♒23	19°50	19°18	2°38	T 2
W 3	12 44 46	13° 6'38	14°22	26°11	1°28	9° 2	3° 5	25°31	25°43	6°20	24° 6	21°15	19°46	19°24	2°42	W 3
T 4	12 48 42	14° 5'44	26°24	28° 4	2° 5	9°40	3°13	25°38	25°41	6°22	24° 7	21° 5	19°43	19°31	2°45	T 4
F 5	12 52 39	15° 4'47	8♉34	29°54	2°44	10°17	3°22	25°46	25°40	6°24	24° 8	20°54	19°40	19°38	2°49	F 5
S 6	12 56 35	16° 3'48	20°54	1♉41	3°24	10°55	3°30	25°53	25°39	6°26	24° 9	20°44	19°37	19°44	2°53	S 6
S 7	13 0 32	17° 2'47	3♊23	3°25	4° 4	11°33	3°38	26° 0	25°37	6°28	24°10	20°36	19°34	19°51	2°56	S 7
M 8	13 4 28	18° 1'44	16° 5	5° 4	4°46	12°11	3°47	26° 7	25°36	6°31	24°11	20°29	19°30	19°58	3° 0	M 8
T 9	13 8 25	19° 0'39	29° 2	6°40	5°29	12°49	3°54	26°14	25°35	6°33	24°12	20°25	19°27	20° 4	3° 4	T 9
W10	13 12 21	19°59'31	12♋14	8°11	6°13	13°27	4° 2	26°21	25°33	6°35	24°13	20°23	19°24	20°11	3° 8	W10
T 11	13 16 18	20°58'21	25°46	9°37	6°57	14° 5	4°10	26°28	25°32	6°37	24°14	20°D23	19°21	20°18	3°12	T 11
F 12	13 20 15	21°57'08	9♌38	10°59	7°43	14°43	4°18	26°35	25°31	6°39	24°16	20°23	19°18	20°24	3°15	F 12
S 13	13 24 11	22°55'54	23°51	12°15	8°29	15°20	4°25	26°42	25°30	6°42	24°17	20°R23	19°15	20°31	3°19	S 13
S 14	13 28 8	23°54'37	8♍25	13°26	9°17	15°58	4°32	26°49	25°29	6°44	24°18	20°22	19°11	20°38	3°23	S 14
M15	13 32 4	24°53'17	23°16	14°32	10° 5	16°36	4°39	26°56	25°28	6°46	24°19	20°19	19° 8	20°44	3°27	M15
T 16	13 36 1	25°51'56	8♎18	15°32	10°54	17°14	4°46	27° 2	25°27	6°48	24°20	20°13	19° 5	20°51	3°31	T 16
W17	13 39 57	26°50'33	23°21	16°27	11°43	17°52	4°53	27° 9	25°26	6°50	24°22	20° 4	19° 2	20°58	3°35	W17
T 18	13 43 54	27°49'07	8♏18	17°16	12°34	18°30	5° 0	27°16	25°26	6°53	24°23	19°54	18°59	21° 4	3°39	T 18
F 19	13 47 50	28°47'40	22°57	17°59	13°25	19° 7	5° 7	27°23	25°25	6°55	24°24	19°44	18°55	21°11	3°42	F 19
S 20	13 51 47	29°46'11	7♐12	18°36	14°16	19°45	5°13	27°29	25°24	6°57	24°25	19°34	18°52	21°18	3°46	S 20
S 21	13 55 44	0♑44'41	21° 0	19° 7	15° 9	20°23	5°19	27°36	25°23	6°59	24°27	19°27	18°49	21°24	3°50	S 21
M22	13 59 40	1°43'08	4♑19	19°33	16° 1	21° 1	5°25	27°43	25°23	7° 2	24°28	19°21	18°46	21°31	3°54	M22
T 23	14 3 37	2°41'35	17°10	19°52	16°55	21°39	5°31	27°49	25°22	7° 4	24°29	19°18	18°43	21°38	3°58	T 23
W24	14 7 33	3°39'59	29°39	20° 6	17°49	22°17	5°37	27°56	25°22	7° 6	24°30	19°D17	18°40	21°44	4° 2	W24
T 25	14 11 30	4°38'22	11♒49	20°14	18°44	22°54	5°43	28° 2	25°21	7° 8	24°32	19°17	18°36	21°51	4° 6	T 25
F 26	14 15 26	5°36'43	23°46	20°R16	19°39	23°32	5°48	28° 9	25°21	7°11	24°33	19°R18	18°33	21°58	4°10	F 26
S 27	14 19 23	6°35'03	5♓35	20°13	20°34	24°10	5°53	28°15	25°21	7°13	24°34	19°16	18°30	22° 4	4°14	S 27
S 28	14 23 19	7°33'21	17°23	20° 4	21°31	24°48	5°58	28°21	25°20	7°15	24°35	19°13	18°27	22°11	4°17	S 28
M29	14 27 16	8°31'37	29°11	19°51	22°27	25°25	6° 3	28°28	25°20	7°17	24°37	19° 8	18°24	22°18	4°21	M29
T 30	14 31 12	9♉29'52	11♈ 6	19♉33	23♓24	26♊ 3	6♒ 8	28♓34	25♌20	7♉20	24♉38	18♒59	18♒21	22♓24	4♉25	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n25	1s25	2n30	9n 6	0n26	8s 4	3n32	22n48	1n12	19s50	0s17	3s42	1s59	13n40	0n47	11n59	1s44	5n26	13s47	14s21	14s52	1s58	11n50	0s35
T 2	4 48	4n 4	3 22	10 0	0 38	8 2	3 22	22 54	1 12	19 48	0 17	3 39	1 59	13 41	0 46	12 0	1 44	5 26	13 46	14 23	14 53	1 54	11 51	0 35
W 3	5 11	9 26	4 5	10 53	0 49	7 58	3 12	23 1	1 12	19 46	0 17	3 36	1 59	13 41	0 46	12 1	1 44	5 26	13 46	14 26	14 54	1 51	11 52	0 35
T 4	5 34	14 31	4 38	11 45	1 1	7 54	3 2	23 7	1 12	19 44	0 17	3 33	1 59	13 42	0 46	12 1	1 44	5 27	13 46	14 29	14 55	1 48	11 54	0 35
F 5	5 57	19 4	4 58	12 35	1 12	7 50	2 52	23 12	1 13	19 42	0 18	3 31	1 59	13 42	0 46	12 2	1 43	5 27	13 46	14 32	14 56	1 44	11 55	0 35
S 6	6 19	22 54	5 5	13 23	1 24	7 45	2 42	23 18	1 13	19 40	0 18	3 28	1 59	13 43	0 46	12 3	1 43	5 28	13 45	14 35	14 57	1 41	11 56	0 35
S 7	6 42	25 43	4 58	14 9	1 35	7 39	2 33	23 23	1 13	19 39	0 18	3 25	1 59	13 43	0 46	12 4	1 43	5 28	13 45	14 38	14 58	1 38	11 57	0 35
M 8	7 5	27 18	4 36	14 52	1 45	7 32	2 24	23 29	1 13	19 37	0 18	3 22	2 0	13 43	0 46	12 4	1 43	5 29	13 45	14 40	14 59	1 35	11 58	0 35
T 9	7 27	27 26	3 59	15 34	1 55	7 25	2 14	23 34	1 13	19 35	0 18	3 20	2 0	13 44	0 46	12 5	1 43	5 29	13 45	14 42	15 0	1 31	12 0	0 35
W10	7 49	26 2	3 9	16 13	2 5	7 18	2 5	23 39	1 13	19 34	0 18	3 17	2 0	13 44	0 46	12 6	1 43	5 30	13 45	14 42	15 1	1 28	12 1	0 35
T 11	8 11	23 6	2 8	16 49	2 14	7 10	1 56	23 44	1 14	19 32	0 19	3 14	2 0	13 45	0 46	12 6	1 43	5 30	13 44	14 42	15 2	1 25	12 2	0 35
F 12	8 33	18 46	0 57	17 23	2 22	7 1	1 48	23 48	1 14	19 30	0 19	3 12	2 0	13 45	0 46	12 7	1 43	5 31	13 44	14 42	15 3	1 21	12 3	0 35
S 13	8 55	13 17	0s18	17 53	2 29	6 52	1 39	23 53	1 14	19 29	0 19	3 9	2 0	13 45	0 46	12 8	1 43	5 31	13 44	14 42	15 4	1 18	12 5	0 35
S 14	9 17	6 57	1 35	18 22	2 36	6 42	1 31	23 57	1 14	19 27	0 19	3 6	2 0	13 46	0 46	12 9	1 43	5 31	13 44	14 42	15 5	1 15	12 6	0 36
M15	9 39	0 8	2 46	18 47	2 41	6 31	1 22	24 1	1 14	19 25	0 19	3 4	2 0	13 46	0 46	12 9	1 43	5 32	13 44	14 44	15 6	1 11	12 7	0 36
T 16	10 0	6s45	3 46	19 9	2 46	6 20	1 14	24 5	1 14	19 24	0 19	3 1	2 0	13 46	0 46	12 10	1 43	5 32	13 44	14 46	15 7	1 8	12 8	0 36
W17	10 21	13 16	4 31	19 29	2 50	6 9	1 6	24 8	1 15	19 22	0 20	2 59	2 1	13 46	0 46	12 11	1 43	5 33	13 43	14 48	15 8	1 5	12 9	0 36
T 18	10 42	18 57	4 57	19 45	2 53	5 57	0 59	24 12	1 15	19 21	0 20	2 56	2 1	13 47	0 46	12 12	1 43	5 33	13 43	14 51	15 9	1 1	12 11	0 36
F 19	11 3	23 23	5 2	19 59	2 54	5 44	0 51	24 15	1 15	19 20	0 20	2 53	2 1	13 47	0 46	12 12	1 43	5 34	13 43	14 55	15 10	0 58	12 12	0 36
S 20	11 24	26 16	4 49	20 10	2 55	5 31	0 44	24 18	1 15	19 18	0 20	2 51	2 1	13 47	0 46	12 13	1 43	5 34	13 43	14 58	15 11	0 55	12 13	0 36
S 21	11 44	27 27	4 18	20 18	2 54	5 18	0 36	24 21	1 15	19 17	0 20	2 48	2 1	13 47	0 46	12 14	1 43	5 34	13 43	15 0	15 12	0 52	12 14	0 36
M22	12 5	26 58	3 35	20 23	2 52	5 4	0 29	24 24	1 15	19 16	0 20	2 46	2 1	13 47	0 46	12 15	1 43	5 35	13 43	15 2	15 13	0 48	12 16	0 36
T 23	12 25	25 2	2 42	20 25	2 49	4 50	0 22	24 27	1 15	19 14	0 21	2 43	2 1	13 48	0 46	12 15	1 43	5 35	13 43	15 3	15 14	0 45	12 17	0 36
W24	12 45	21 55	1 42	20 25	2 44	4 35	0 15	24 29	1 15	19 13	0 21	2 41	2 2	13 48	0 46	12 16	1 43	5 36	13 42	15 3	15 15	0 42	12 18	0 36
T 25	13 5	17 54	0 40	20 21	2 38	4 20	0 9	24 31	1 15	19 12	0 21	2 39	2 2	13 48	0 46	12 17	1 43	5 36	13 42	15 3	15 16	0 38	12 19	0 36
F 26	13 24	13 14	0n24	20 15	2 31	4 4	0 2	24 33	1 15	19 11	0 21	2 36	2 2	13 48	0 46	12 18	1 43	5 36	13 42	15 3	15 17	0 35	12 21	0 36
S 27	13 43	8 9	1 25	20 6	2 23	3 48	0s 4	24 35	1 16	19 10	0 21	2 34	2 2	13 48	0 46	12 18	1 43	5 37	13 42	15 3	15 18	0 32	12 22	0 37
S 28	14 3	2 48	2 23	19 55	2 13	3 32	0 10	24 37	1 16	19 8	0 22	2 31	2 2	13 48	0 46	12 19	1 43	5 37	13 42	15 4	15 19	0 28	12 23	0 37
M29	14 21	2n39	3 15	19 40	2 2	3 15	0 16	24 38	1 16	19 7	0 22	2 29	2 2	13 48	0 46	12 20	1 43	5 38	13 42	15 6	15 20	0 25	12 24	0 37
T 30	14n40	8n 2	3n58	19n24	1n50	2s58	0s22	24n40	1n16	19s 6	0s22	2s27	2s 2	13n48	0n46	12n20	1s43	5n38	13s42	15s 9	15s21	0s22	12n26	0s37

Julian Day Number = 2407075.5, Delta T = -2.55 sec
Ecliptic obliquity = 23°27'26, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°02'24, Lahiri = 22°09'25

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ASTRODIENST EPHEMERIS for the year 1878
geocentric

MAY 1878 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 35 9	10♉28'06	23♈ 8	19°R11	24♓22	26♊41	6♒13	28♓40	25°R20	7♉22	24♉39	18°R48	18♒17	22♓31	4♉29	W 1
T 2	14 39 6	11°26'17	5♉21	18♉45	25°20	27°19	6°17	28°46	25♌20	7°24	24°41	18♒35	18°14	22°38	4°33	T 2
F 3	14 43 2	12°24'27	17°45	18°15	26°18	27°57	6°22	28°52	25°D20	7°26	24°42	18°22	18°11	22°44	4°37	F 3
S 4	14 46 59	13°22'36	0♊20	17°43	27°17	28°34	6°26	28°58	25°20	7°29	24°43	18° 9	18° 8	22°51	4°41	S 4
S 5	14 50 55	14°20'42	13° 6	17° 9	28°16	29°12	6°30	29° 4	25°20	7°31	24°45	17°57	18° 5	22°58	4°44	S 5
M 6	14 54 52	15°18'47	26° 4	16°33	29°15	29°50	6°33	29°10	25°20	7°33	24°46	17°48	18° 1	23° 4	4°48	M 6
T 7	14 58 48	16°16'50	9♋13	15°56	0♈15	0♋28	6°37	29°16	25°20	7°35	24°47	17°42	17°58	23°11	4°52	T 7
W 8	15 2 45	17°14'51	22°35	15°19	1°15	1° 5	6°40	29°22	25°20	7°38	24°49	17°38	17°55	23°18	4°56	W 8
T 9	15 6 42	18°12'51	6♌ 9	14°43	2°15	1°43	6°43	29°28	25°21	7°40	24°50	17°37	17°52	23°24	5° 0	T 9
F 10	15 10 38	19°10'48	19°58	14° 7	3°16	2°21	6°46	29°33	25°21	7°42	24°51	17°37	17°49	23°31	5° 4	F 10
S 11	15 14 35	20° 8'43	4♍ 1	13°34	4°17	2°59	6°49	29°39	25°21	7°44	24°53	17°36	17°46	23°38	5° 7	S 11
S 12	15 18 31	21° 6'37	18°19	13° 2	5°18	3°36	6°52	29°45	25°22	7°47	24°54	17°35	17°42	23°44	5°11	S 12
M13	15 22 28	22° 4'29	2♎50	12°33	6°20	4°14	6°54	29°50	25°22	7°49	24°55	17°31	17°39	23°51	5°15	M13
T 14	15 26 24	23° 2'18	17°29	12° 8	7°22	4°52	6°57	29°55	25°23	7°51	24°57	17°24	17°36	23°58	5°19	T 14
W15	15 30 21	24° 0'07	2♏10	11°45	8°24	5°30	6°59	0♈ 1	25°24	7°53	24°58	17°15	17°33	24° 4	5°22	W15
T 16	15 34 17	24°57'54	16°47	11°27	9°27	6° 7	7° 1	0° 6	25°24	7°55	25° 0	17° 4	17°30	24°11	5°26	T 16
F 17	15 38 14	25°55'39	1♐12	11°13	10°29	6°45	7° 3	0°11	25°25	7°58	25° 1	16°53	17°27	24°18	5°30	F 17
S 18	15 42 11	26°53'23	15°18	11° 3	11°32	7°23	7° 4	0°17	25°26	8° 0	25° 2	16°42	17°23	24°24	5°34	S 18
S 19	15 46 7	27°51'06	29° 1	10°57	12°35	8° 0	7° 6	0°22	25°27	8° 2	25° 4	16°33	17°20	24°31	5°37	S 19
M20	15 50 4	28°48'48	12♑18	10°D56	13°39	8°38	7° 7	0°27	25°27	8° 4	25° 5	16°27	17°17	24°38	5°41	M20
T 21	15 54 0	29°46'29	25°11	11° 0	14°42	9°16	7° 8	0°32	25°28	8° 6	25° 6	16°23	17°14	24°44	5°45	T 21
W22	15 57 57	0♊44'08	7♒41	11° 8	15°46	9°53	7° 9	0°37	25°29	8° 8	25° 8	16°21	17°11	24°51	5°48	W22
T 23	16 1 53	1°41'47	19°54	11°20	16°50	10°31	7° 9	0°41	25°30	8°10	25° 9	16°D21	17° 7	24°58	5°52	T 23
F 24	16 5 50	2°39'24	1♓53	11°37	17°55	11° 9	7°10	0°46	25°31	8°13	25°10	16°R21	17° 4	25° 4	5°55	F 24
S 25	16 9 46	3°37'00	13°44	11°58	18°59	11°46	7°10	0°51	25°33	8°15	25°12	16°21	17° 1	25°11	5°59	S 25
S 26	16 13 43	4°34'36	25°34	12°24	20° 4	12°24	7°R10	0°55	25°34	8°17	25°13	16°19	16°58	25°18	6° 2	S 26
M27	16 17 40	5°32'10	7♈25	12°54	21° 9	13° 2	7°10	1° 0	25°35	8°19	25°14	16°14	16°55	25°24	6° 6	M27
T 28	16 21 36	6°29'44	19°24	13°28	22°14	13°39	7° 9	1° 4	25°36	8°21	25°16	16° 8	16°52	25°31	6° 9	T 28
W29	16 25 33	7°27'17	1♉34	14° 6	23°19	14°17	7° 9	1° 9	25°38	8°23	25°17	15°59	16°48	25°38	6°13	W29
T 30	16 29 29	8°24'49	13°56	14°48	24°24	14°55	7° 8	1°13	25°39	8°25	25°18	15°48	16°45	25°45	6°16	T 30
F 31	16 33 26	9♊22'20	26♉34	15♉34	25♈30	15♋32	7♒ 7	1♈17	25♌41	8♉27	25♉20	15♒36	16♒42	25♓51	6♉20	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14n58	13n11	4n31	19n 5	1n37	2s40	0s28	24n41	1n16	19s 5	0s22	2s24	2s 3	13n48	0n45	12n21	1s43	5n38	13s42	15s12	15s22	0s18	12n27	0s37
T 2	15 16	17 54	4 52	18 44	1 23	2 22	0 33	24 42	1 16	19 4	0 22	2 22	2 3	13 48	0 45	12 22	1 43	5 39	13 42	15 16	15 22	0 15	12 28	0 37
F 3	15 34	21 56	5 0	18 22	1 8	2 4	0 39	24 42	1 16	19 4	0 22	2 20	2 3	13 48	0 45	12 23	1 43	5 39	13 41	15 20	15 23	0 12	12 29	0 37
S 4	15 52	25 1	4 53	17 57	0 52	1 45	0 44	24 43	1 16	19 3	0 23	2 18	2 3	13 48	0 45	12 23	1 43	5 40	13 41	15 24	15 24	0 9	12 30	0 37
S 5	16 9	26 53	4 32	17 32	0 35	1 27	0 49	24 43	1 16	19 2	0 23	2 15	2 3	13 48	0 45	12 24	1 43	5 40	13 41	15 28	15 25	0 5	12 32	0 37
M 6	16 26	27 20	3 56	17 5	0 18	1 8	0 54	24 44	1 16	19 1	0 23	2 13	2 4	13 48	0 45	12 25	1 43	5 40	13 41	15 31	15 26	0 2	12 33	0 37
T 7	16 43	26 16	3 8	16 38	0 1	0 48	0 59	24 44	1 16	19 0	0 23	2 11	2 4	13 48	0 45	12 25	1 43	5 41	13 41	15 32	15 27	0n 1	12 34	0 37
W 8	17 0	23 40	2 8	16 11	0s16	0 29	1 4	24 43	1 16	19 0	0 23	2 9	2 4	13 48	0 45	12 26	1 43	5 41	13 41	15 34	15 28	0 5	12 35	0 37
T 9	17 16	19 43	1 0	15 44	0 34	0 9	1 8	24 43	1 16	18 59	0 24	2 7	2 4	13 48	0 45	12 27	1 43	5 41	13 41	15 34	15 29	0 8	12 36	0 37
F 10	17 32	14 38	0s12	15 17	0 51	0n11	1 13	24 42	1 16	18 59	0 24	2 5	2 4	13 47	0 45	12 28	1 43	5 42	13 41	15 34	15 30	0 11	12 38	0 38
S 11	17 48	8 43	1 26	14 50	1 8	0 32	1 17	24 42	1 16	18 58	0 24	2 3	2 4	13 47	0 45	12 28	1 43	5 42	13 41	15 34	15 31	0 15	12 39	0 38
S 12	18 3	2 15	2 35	14 25	1 24	0 52	1 21	24 41	1 16	18 58	0 24	2 0	2 5	13 47	0 45	12 29	1 43	5 43	13 41	15 35	15 32	0 18	12 40	0 38
M13	18 18	4s24	3 35	14 1	1 40	1 13	1 25	24 40	1 16	18 57	0 24	1 58	2 5	13 47	0 45	12 30	1 43	5 43	13 41	15 36	15 33	0 21	12 41	0 38
T 14	18 33	10 53	4 21	13 39	1 55	1 34	1 29	24 38	1 16	18 57	0 25	1 56	2 5	13 47	0 45	12 30	1 43	5 43	13 41	15 38	15 34	0 24	12 42	0 38
W15	18 47	16 46	4 50	13 19	2 10	1 55	1 32	24 37	1 16	18 56	0 25	1 55	2 5	13 46	0 45	12 31	1 43	5 44	13 41	15 41	15 35	0 28	12 44	0 38
T 16	19 1	21 40	5 1	13 1	2 23	2 17	1 36	24 35	1 16	18 56	0 25	1 53	2 5	13 46	0 45	12 32	1 43	5 44	13 41	15 44	15 36	0 31	12 45	0 38
F 17	19 15	25 10	4 51	12 44	2 35	2 38	1 39	24 33	1 16	18 56	0 25	1 51	2 6	13 46	0 45	12 32	1 43	5 44	13 41	15 47	15 37	0 34	12 46	0 38
S 18	19 29	27 2	4 24	12 30	2 47	3 0	1 42	24 31	1 16	18 56	0 25	1 49	2 6	13 45	0 45	12 33	1 43	5 45	13 41	15 51	15 38	0 38	12 47	0 38
S 19	19 42	27 10	3 43	12 19	2 57	3 22	1 45	24 29	1 16	18 56	0 26	1 47	2 6	13 45	0 45	12 34	1 43	5 45	13 41	15 53	15 39	0 41	12 48	0 38
M20	19 55	25 42	2 50	12 10	3 6	3 44	1 48	24 27	1 16	18 55	0 26	1 45	2 6	13 45	0 45	12 35	1 43	5 45	13 41	15 55	15 40	0 44	12 49	0 38
T 21	20 7	22 55	1 50	12 3	3 15	4 6	1 51	24 24	1 16	18 55	0 26	1 43	2 6	13 44	0 45	12 35	1 43	5 46	13 41	15 56	15 41	0 47	12 50	0 39
W22	20 19	19 6	0 46	11 59	3 22	4 28	1 54	24 21	1 16	18 55	0 26	1 42	2 7	13 44	0 45	12 36	1 43	5 46	13 41	15 57	15 42	0 51	12 51	0 39
T 23	20 31	14 34	0n19	11 57	3 28	4 50	1 56	24 18	1 16	18 55	0 26	1 40	2 7	13 44	0 45	12 37	1 44	5 46	13 41	15 57	15 43	0 54	12 53	0 39
F 24	20 42	9 33	1 22	11 57	3 33	5 12	1 59	24 15	1 16	18 55	0 27	1 38	2 7	13 43	0 45	12 37	1 44	5 46	13 41	15 57	15 44	0 57	12 54	0 39
S 25	20 53	4 15	2 20	12 0	3 37	5 34	2 1	24 12	1 16	18 56	0 27	1 37	2 7	13 43	0 45	12 38	1 44	5 47	13 41	15 57	15 45	1 1	12 55	0 39
S 26	21 4	1n11	3 12	12 4	3 40	5 57	2 3	24 9	1 16	18 56	0 27	1 35	2 8	13 42	0 45	12 38	1 44	5 47	13 41	15 58	15 46	1 4	12 56	0 39
M27	21 15	6 34	3 56	12 11	3 42	6 19	2 5	24 5	1 16	18 56	0 27	1 33	2 8	13 42	0 44	12 39	1 44	5 47	13 41	15 59	15 47	1 7	12 57	0 39
T 28	21 25	11 46	4 31	12 20	3 43	6 42	2 7	24 1	1 16	18 56	0 27	1 32	2 8	13 41	0 44	12 40	1 44	5 48	13 41	16 1	15 48	1 10	12 58	0 39
W29	21 34	16 36	4 53	12 31	3 44	7 4	2 9	23 57	1 16	18 57	0 28	1 30	2 8	13 41	0 44	12 40	1 44	5 48	13 41	16 4	15 49	1 14	12 59	0 39
T 30	21 43	20 50	5 2	12 44	3 43	7 27	2 10	23 53	1 16	18 57	0 28	1 29	2 8	13 40	0 44	12 41	1 44	5 48	13 41	16 7	15 50	1 17	13 0	0 39
F 31	21n52	24n13	4n57	12n59	3s41	7n49	2s12	23n49	1n16	18s57	0s28	1s27	2s 9	13n40	0n44	12n42	1s44	5n48	13s41	16s10	15s51	1n20	13n 1	0s40

Julian Day Number = 2407105.5, Delta T = -2.59 sec
Ecliptic obliquity = 23°27'25, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°02'28, Lahiri = 22°09'29

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ASTRODIENST EPHEMERIS for the year 1878
geocentric

JUNE 1878 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 37 22	10♊19'50	9♊26	16♉23	26♈36	16♋10	7°R 6	1♈22	25♎42	8♉29	25♉21	15°R25	16♒39	25♓58	6♉23	S 1
S 2	16 41 19	11°17'19	22°32	17°16	27°41	16°48	7♒ 5	1°26	25°44	8°31	25°22	15♒15	16°36	26° 5	6°27	S 2
M 3	16 45 15	12°14'47	5♋51	18°13	28°47	17°25	7° 3	1°30	25°45	8°33	25°24	15° 7	16°33	26°11	6°30	M 3
T 4	16 49 12	13°12'14	19°22	19°13	29°54	18° 3	7° 2	1°34	25°47	8°35	25°25	15° 2	16°29	26°18	6°33	T 4
W 5	16 53 9	14° 9'40	3♎ 3	20°16	1♉ 0	18°41	7° 0	1°37	25°49	8°37	25°26	15° 0	16°26	26°25	6°37	W 5
T 6	16 57 5	15° 7'05	16°52	21°23	2° 6	19°18	6°58	1°41	25°50	8°39	25°28	14°D59	16°23	26°31	6°40	T 6
F 7	17 1 2	16° 4'28	0♍49	22°33	3°13	19°56	6°56	1°45	25°52	8°40	25°29	15° 0	16°20	26°38	6°43	F 7
S 8	17 4 58	17° 1'51	14°53	23°46	4°20	20°34	6°53	1°48	25°54	8°42	25°30	15°R 0	16°17	26°45	6°46	S 8
S 9	17 8 55	17°59'12	29° 3	25° 2	5°27	21°11	6°51	1°52	25°56	8°44	25°31	15° 0	16°13	26°51	6°49	S 9
M10	17 12 51	18°56'32	13♎19	26°21	6°34	21°49	6°48	1°55	25°58	8°46	25°33	14°57	16°10	26°58	6°52	M10
T 11	17 16 48	19°53'51	27°36	27°43	7°41	22°27	6°45	1°58	26° 0	8°48	25°34	14°53	16° 7	27° 5	6°56	T 11
W12	17 20 44	20°51'10	11♏52	29° 9	8°48	23° 4	6°42	2° 2	26° 2	8°50	25°35	14°46	16° 4	27°11	6°59	W12
T 13	17 24 41	21°48'27	26° 3	0♊37	9°55	23°42	6°38	2° 5	26° 4	8°51	25°36	14°39	16° 1	27°18	7° 2	T 13
F 14	17 28 38	22°45'44	10♐ 3	2° 8	11° 3	24°20	6°35	2° 8	26° 6	8°53	25°38	14°30	15°58	27°25	7° 5	F 14
S 15	17 32 34	23°43'01	23°48	3°42	12°10	24°57	6°31	2°11	26° 8	8°55	25°39	14°22	15°54	27°31	7° 8	S 15
S 16	17 36 31	24°40'16	7♑14	5°20	13°18	25°35	6°27	2°14	26°10	8°57	25°40	14°16	15°51	27°38	7°10	S 16
M17	17 40 27	25°37'31	20°21	7° 0	14°26	26°12	6°23	2°16	26°12	8°58	25°41	14°11	15°48	27°45	7°13	M17
T 18	17 44 24	26°34'46	3♒ 7	8°43	15°34	26°50	6°19	2°19	26°15	9° 0	25°42	14° 9	15°45	27°51	7°16	T 18
W19	17 48 20	27°32'00	15°35	10°28	16°42	27°28	6°15	2°22	26°17	9° 2	25°44	14°D 8	15°42	27°58	7°19	W19
T 20	17 52 17	28°29'14	27°47	12°17	17°50	28° 5	6°10	2°24	26°19	9° 3	25°45	14° 9	15°39	28° 5	7°22	T 20
F 21	17 56 13	29°26'28	9♓47	14° 8	18°58	28°43	6° 6	2°27	26°22	9° 5	25°46	14°10	15°35	28°11	7°25	F 21
S 22	18 0 10	0♋23'42	21°40	16° 2	20° 6	29°21	6° 1	2°29	26°24	9° 6	25°47	14°12	15°32	28°18	7°27	S 22
S 23	18 4 7	1°20'56	3♈30	17°58	21°15	29°58	5°56	2°31	26°27	9° 8	25°48	14°R12	15°29	28°25	7°30	S 23
M24	18 8 3	2°18'09	15°24	19°57	22°23	0♎36	5°51	2°33	26°29	9° 9	25°49	14°11	15°26	28°31	7°32	M24
T 25	18 12 0	3°15'23	27°25	21°58	23°32	1°14	5°45	2°35	26°32	9°11	25°51	14° 8	15°23	28°38	7°35	T 25
W26	18 15 56	4°12'36	9♉39	24° 1	24°41	1°51	5°40	2°37	26°34	9°12	25°52	14° 4	15°19	28°45	7°38	W26
T 27	18 19 53	5° 9'50	22° 8	26° 6	25°50	2°29	5°34	2°39	26°37	9°14	25°53	13°58	15°16	28°52	7°40	T 27
F 28	18 23 49	6° 7'03	4♊55	28°12	26°58	3° 7	5°29	2°41	26°40	9°15	25°54	13°52	15°13	28°58	7°42	F 28
S 29	18 27 46	7° 4'17	18° 1	0♋20	28° 7	3°44	5°23	2°42	26°42	9°17	25°55	13°46	15°10	29° 5	7°45	S 29
S 30	18 31 43	8♋ 1'31	1♋25	2♋29	29♉17	4♎22	5♒17	2♈44	26♎45	9♉18	25♉56	13♒41	15♒ 7	29♓12	7♉47	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 1	26n26	4n37	13n15	3s39	8n12	2s13	23n44	1n16	18s58	0s28	1s26	2s 9	13n39	0n44	12n42	1s44	5n49	13s41	16s13	15s51	1n23	13n 2	0s40
S 2	22 9	27 16	4 2	13 33	3 36	8 34	2 15	23 39	1 16	18 58	0 28	1 24	2 9	13 39	0 44	12 43	1 44	5 49	13 41	16 16	15 52	1 27	13 3	0 40
M 3	22 17	26 32	3 13	13 52	3 32	8 56	2 16	23 35	1 16	18 59	0 29	1 23	2 9	13 38	0 44	12 43	1 44	5 49	13 41	16 19	15 53	1 30	13 4	0 40
T 4	22 24	24 14	2 12	14 12	3 28	9 19	2 17	23 30	1 16	19 0	0 29	1 22	2 10	13 38	0 44	12 44	1 44	5 49	13 41	16 20	15 54	1 33	13 5	0 40
W 5	22 31	20 31	1 3	14 34	3 23	9 41	2 18	23 24	1 16	19 0	0 29	1 20	2 10	13 37	0 44	12 45	1 44	5 50	13 41	16 21	15 55	1 37	13 6	0 40
T 6	22 38	15 38	0s10	14 57	3 17	10 3	2 18	23 19	1 16	19 1	0 29	1 19	2 10	13 36	0 44	12 45	1 44	5 50	13 41	16 21	15 56	1 40	13 7	0 40
F 7	22 44	9 53	1 24	15 21	3 11	10 25	2 19	23 13	1 16	19 2	0 30	1 18	2 10	13 36	0 44	12 46	1 44	5 50	13 41	16 21	15 57	1 43	13 8	0 40
S 8	22 49	3 37	2 33	15 46	3 4	10 47	2 20	23 8	1 16	19 3	0 30	1 17	2 11	13 35	0 44	12 46	1 44	5 50	13 41	16 21	15 58	1 46	13 9	0 40
S 9	22 55	2s53	3 33	16 11	2 56	11 9	2 20	23 2	1 16	19 4	0 30	1 16	2 11	13 35	0 44	12 47	1 44	5 50	13 41	16 21	15 59	1 50	13 10	0 40
M10	23 0	9 15	4 21	16 38	2 48	11 30	2 20	22 56	1 15	19 4	0 30	1 14	2 11	13 34	0 44	12 47	1 44	5 51	13 41	16 22	16 0	1 53	13 11	0 41
T 11	23 4	15 10	4 52	17 5	2 39	11 52	2 21	22 50	1 15	19 5	0 30	1 13	2 11	13 33	0 44	12 48	1 44	5 51	13 41	16 23	16 1	1 56	13 12	0 41
W12	23 8	20 15	5 5	17 32	2 30	12 13	2 21	22 43	1 15	19 6	0 31	1 12	2 12	13 32	0 44	12 48	1 44	5 51	13 41	16 25	16 2	1 59	13 13	0 41
T 13	23 12	24 8	5 0	18 0	2 21	12 34	2 21	22 37	1 15	19 7	0 31	1 11	2 12	13 32	0 44	12 49	1 44	5 51	13 42	16 27	16 3	2 3	13 14	0 41
F 14	23 16	26 32	4 36	18 28	2 11	12 55	2 21	22 30	1 15	19 8	0 31	1 10	2 12	13 31	0 44	12 49	1 44	5 51	13 42	16 30	16 4	2 6	13 14	0 41
S 15	23 18	27 15	3 57	18 56	2 1	13 16	2 21	22 23	1 15	19 10	0 31	1 9	2 12	13 30	0 44	12 50	1 44	5 52	13 42	16 32	16 5	2 9	13 15	0 41
S 16	23 21	26 21	3 5	19 24	1 50	13 37	2 20	22 16	1 15	19 11	0 31	1 9	2 13	13 29	0 44	12 51	1 44	5 52	13 42	16 34	16 6	2 13	13 16	0 41
M17	23 23	23 58	2 5	19 52	1 39	13 57	2 20	22 9	1 15	19 12	0 32	1 8	2 13	13 29	0 44	12 51	1 44	5 52	13 42	16 35	16 7	2 16	13 17	0 41
T 18	23 25	20 26	0 59	20 19	1 28	14 17	2 19	22 2	1 15	19 13	0 32	1 7	2 13	13 28	0 44	12 51	1 44	5 52	13 42	16 36	16 8	2 19	13 18	0 41
W19	23 26	16 3	0n 8	20 46	1 17	14 37	2 19	21 54	1 15	19 14	0 32	1 6	2 13	13 27	0 44	12 52	1 44	5 52	13 42	16 36	16 9	2 22	13 19	0 42
T 20	23 27	11 7	1 13	21 12	1 5	14 57	2 18	21 47	1 15	19 16	0 32	1 5	2 14	13 26	0 44	12 52	1 44	5 52	13 42	16 36	16 10	2 26	13 19	0 42
F 21	23 27	5 50	2 14	21 38	0 54	15 16	2 17	21 39	1 15	19 17	0 32	1 5	2 14	13 25	0 44	12 53	1 45	5 52	13 42	16 35	16 10	2 29	13 20	0 42
S 22	23 27	0 25	3 9	22 2	0 42	15 35	2 16	21 31	1 14	19 19	0 33	1 4	2 14	13 24	0 44	12 53	1 45	5 53	13 43	16 35	16 11	2 32	13 21	0 42
S 23	23 27	5n 0	3 56	22 24	0 30	15 54	2 16	21 23	1 14	19 20	0 33	1 3	2 15	13 24	0 44	12 54	1 45	5 53	13 43	16 35	16 12	2 35	13 22	0 42
M24	23 26	10 15	4 32	22 46	0 19	16 13	2 14	21 15	1 14	19 21	0 33	1 3	2 15	13 23	0 44	12 54	1 45	5 53	13 43	16 35	16 13	2 39	13 22	0 42
T 25	23 25	15 11	4 57	23 5	0 7	16 31	2 13	21 6	1 14	19 23	0 33	1 2	2 15	13 22	0 44	12 55	1 45	5 53	13 43	16 36	16 14	2 42	13 23	0 42
W26	23 23	19 36	5 9	23 23	0n 4	16 49	2 12	20 58	1 14	19 24	0 33	1 2	2 15	13 21	0 43	12 55	1 45	5 53	13 43	16 37	16 15	2 45	13 24	0 42
T 27	23 21	23 15	5 7	23 39	0 15	17 6	2 11	20 49	1 14	19 26	0 34	1 1	2 16	13 20	0 43	12 56	1 45	5 53	13 43	16 39	16 16	2 48	13 25	0 42
F 28	23 19	25 53	4 50	23 52	0 25	17 24	2 9	20 40	1 14	19 28	0 34	1 1	2 16	13 19	0 43	12 56	1 45	5 53	13 43	16 41	16 17	2 52	13 25	0 43
S 29	23 16	27 11	4 17	24 3	0 35	17 41	2 8	20 31	1 14	19 29	0 34	1 0	2 16	13 18	0 43	12 56	1 45	5 53	13 44	16 42	16 18	2 55	13 26	0 43
S 30	23n13	26n56	3n29	24n11	0n45	17n57	2s 7	20n22	1n13	19s31	0s34	1s 0	2s16	13n17	0n43	12n57	1s45	5n53	13s44	16s44	16s19	2n58	13n27	0s43

Julian Day Number = 2407136.5, Delta T = -2.62 sec
Ecliptic obliquity = 23°27'25, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°02'33, Lahiri = 22°09'33

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ASTRODIENST EPHEMERIS for the year 1878
geocentric

JULY 1878 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 35 39	8♋58'44	15♋ 6	4♋39	0♊26	5♌ 0	5°R11	2♈45	26♌48	9♉20	25♉57	13°R37	15♒ 4	29♓18	7♉50	M 1
T 2	18 39 36	9°55'58	29° 1	6°49	1°35	5°37	5♒ 5	2°47	26°51	9°21	25°58	13♒34	15° 0	29°25	7°52	T 2
W 3	18 43 32	10°53'11	13♌ 7	9° 0	2°44	6°15	4°58	2°48	26°54	9°22	25°59	13°D33	14°57	29°32	7°54	W 3
T 4	18 47 29	11°50'24	27°20	11°10	3°54	6°53	4°52	2°49	26°56	9°23	26° 0	13°34	14°54	29°38	7°56	T 4
F 5	18 51 25	12°47'37	11♍36	13°20	5° 3	7°30	4°45	2°50	26°59	9°25	26° 1	13°35	14°51	29°45	7°58	F 5
S 6	18 55 22	13°44'49	25°52	15°30	6°13	8° 8	4°38	2°51	27° 2	9°26	26° 2	13°37	14°48	29°52	8° 0	S 6
S 7	18 59 18	14°42'02	10♎ 6	17°38	7°22	8°46	4°32	2°52	27° 5	9°27	26° 3	13°R37	14°45	29°58	8° 2	S 7
M 8	19 3 15	15°39'14	24°16	19°46	8°32	9°23	4°25	2°52	27° 8	9°28	26° 4	13°37	14°41	0♈ 5	8° 4	M 8
T 9	19 7 12	16°36'26	8♏19	21°53	9°42	10° 1	4°18	2°53	27°11	9°29	26° 5	13°36	14°38	0°12	8° 6	T 9
W10	19 11 8	17°33'38	22°15	23°58	10°52	10°39	4°11	2°54	27°14	9°30	26° 6	13°33	14°35	0°18	8° 8	W10
T 11	19 15 5	18°30'50	6♐ 0	26° 2	12° 2	11°17	4° 4	2°54	27°18	9°31	26° 7	13°30	14°32	0°25	8°10	T 11
F 12	19 19 1	19°28'02	19°33	28° 4	13°12	11°54	3°56	2°54	27°21	9°33	26° 8	13°27	14°29	0°32	8°12	F 12
S 13	19 22 58	20°25'15	2♑52	0♌ 5	14°22	12°32	3°49	2°54	27°24	9°34	26° 8	13°23	14°25	0°39	8°14	S 13
S 14	19 26 54	21°22'27	15°57	2° 3	15°32	13°10	3°42	2°55	27°27	9°35	26° 9	13°21	14°22	0°45	8°15	S 14
M15	19 30 51	22°19'40	28°46	4° 1	16°42	13°47	3°34	2°R55	27°30	9°35	26°10	13°19	14°19	0°52	8°17	M15
T 16	19 34 47	23°16'53	11♒19	5°56	17°53	14°25	3°27	2°55	27°33	9°36	26°11	13°D18	14°16	0°59	8°19	T 16
W17	19 38 44	24°14'07	23°39	7°50	19° 3	15° 3	3°19	2°54	27°37	9°37	26°12	13°19	14°13	1° 5	8°20	W17
T 18	19 42 41	25°11'21	5♓47	9°42	20°13	15°41	3°12	2°54	27°40	9°38	26°13	13°20	14°10	1°12	8°22	T 18
F 19	19 46 37	26° 8'36	17°45	11°32	21°24	16°18	3° 4	2°54	27°43	9°39	26°13	13°21	14° 6	1°19	8°23	F 19
S 20	19 50 34	27° 5'52	29°37	13°20	22°35	16°56	2°56	2°53	27°47	9°40	26°14	13°22	14° 3	1°25	8°24	S 20
S 21	19 54 30	28° 3'08	11♈28	15° 6	23°45	17°34	2°49	2°53	27°50	9°41	26°15	13°23	14° 0	1°32	8°26	S 21
M22	19 58 27	29° 0'25	23°22	16°51	24°56	18°12	2°41	2°52	27°53	9°41	26°15	13°24	13°57	1°39	8°27	M22
T 23	20 2 23	29°57'43	5♉24	18°34	26° 7	18°50	2°33	2°51	27°57	9°42	26°16	13°R24	13°54	1°45	8°28	T 23
W24	20 6 20	0♌55'02	17°37	20°15	27°18	19°27	2°25	2°50	28° 0	9°43	26°17	13°24	13°51	1°52	8°29	W24
T 25	20 10 16	1°52'22	0♊ 7	21°54	28°29	20° 5	2°18	2°49	28° 4	9°43	26°18	13°22	13°47	1°59	8°30	T 25
F 26	20 14 13	2°49'43	12°57	23°32	29°40	20°43	2°10	2°48	28° 7	9°44	26°18	13°21	13°44	2° 5	8°31	F 26
S 27	20 18 10	3°47'05	26° 9	25° 8	0♋51	21°21	2° 2	2°47	28°11	9°45	26°19	13°20	13°41	2°12	8°32	S 27
S 28	20 22 6	4°44'28	9♋44	26°42	2° 2	21°59	1°54	2°46	28°14	9°45	26°19	13°19	13°38	2°19	8°33	S 28
M29	20 26 3	5°41'52	23°41	28°14	3°13	22°37	1°47	2°44	28°18	9°46	26°20	13°18	13°35	2°26	8°34	M29
T 30	20 29 59	6°39'17	7♌57	29°44	4°25	23°14	1°39	2°43	28°21	9°46	26°21	13°D18	13°31	2°32	8°35	T 30
W31	20 33 56	7♌36'42	22♌28	1♍13	5♋36	23♌52	1♒31	2♈41	28♌25	9♉46	26♉21	13♒18	13♒28	2♈39	8♉36	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 9	25n 4	2n29	24n17	0n54	18n13	2s 5	20n13	1n13	19s33	0s34	1s 0	2s17	13n16	0n43	12n57	1s45	5n53	13s44	16s45	16s20	3n 1	13n27	0s43
T 2	23 5	21 39	1 19	24 20	1 3	18 29	2 3	20 4	1 13	19 34	0 35	0 59	2 17	13 15	0 43	12 57	1 45	5 54	13 44	16 46	16 21	3 4	13 28	0 43
W 3	23 1	16 56	0 2	24 20	1 11	18 44	2 1	19 54	1 13	19 36	0 35	0 59	2 17	13 14	0 43	12 58	1 45	5 54	13 44	16 46	16 22	3 8	13 28	0 43
T 4	22 56	11 14	1s15	24 17	1 18	18 59	2 0	19 45	1 13	19 38	0 35	0 59	2 18	13 13	0 43	12 58	1 45	5 54	13 44	16 46	16 23	3 11	13 29	0 43
F 5	22 50	4 57	2 27	24 11	1 24	19 14	1 58	19 35	1 13	19 39	0 35	0 59	2 18	13 12	0 43	12 59	1 45	5 54	13 45	16 45	16 24	3 14	13 30	0 43
S 6	22 45	1s35	3 31	24 3	1 30	19 28	1 56	19 25	1 13	19 41	0 35	0 59	2 18	13 11	0 43	12 59	1 45	5 54	13 45	16 45	16 24	3 17	13 30	0 43
S 7	22 39	8 1	4 22	23 52	1 35	19 41	1 54	19 15	1 12	19 43	0 36	0 59	2 18	13 10	0 43	12 59	1 45	5 54	13 45	16 45	16 25	3 21	13 31	0 44
M 8	22 32	14 0	4 56	23 38	1 40	19 54	1 52	19 5	1 12	19 45	0 36	0 59	2 19	13 9	0 43	12 59	1 45	5 54	13 45	16 45	16 26	3 24	13 31	0 44
T 9	22 25	19 12	5 12	23 22	1 43	20 7	1 50	18 54	1 12	19 47	0 36	0 59	2 19	13 8	0 43	13 0	1 45	5 54	13 45	16 45	16 27	3 27	13 32	0 44
W10	22 18	23 20	5 10	23 4	1 46	20 19	1 47	18 44	1 12	19 49	0 36	0 59	2 19	13 7	0 43	13 0	1 45	5 54	13 45	16 46	16 28	3 30	13 32	0 44
T 11	22 11	26 5	4 50	22 43	1 48	20 31	1 45	18 33	1 12	19 50	0 36	0 59	2 19	13 6	0 43	13 0	1 46	5 54	13 46	16 47	16 29	3 34	13 33	0 44
F 12	22 3	27 16	4 14	22 21	1 49	20 42	1 43	18 23	1 12	19 52	0 36	0 59	2 20	13 5	0 43	13 1	1 46	5 54	13 46	16 48	16 30	3 37	13 33	0 44
S 13	21 54	26 50	3 24	21 56	1 50	20 53	1 41	18 12	1 12	19 54	0 37	0 59	2 20	13 4	0 43	13 1	1 46	5 54	13 46	16 49	16 31	3 40	13 34	0 44
S 14	21 45	24 54	2 25	21 30	1 50	21 3	1 38	18 1	1 11	19 56	0 37	0 59	2 20	13 2	0 43	13 1	1 46	5 54	13 46	16 50	16 32	3 43	13 34	0 44
M15	21 36	21 43	1 19	21 2	1 49	21 12	1 36	17 50	1 11	19 58	0 37	1 0	2 21	13 1	0 43	13 1	1 46	5 54	13 46	16 50	16 33	3 46	13 34	0 45
T 16	21 27	17 34	0 11	20 32	1 48	21 21	1 33	17 39	1 11	20 0	0 37	1 0	2 21	13 0	0 43	13 2	1 46	5 54	13 47	16 50	16 34	3 50	13 35	0 45
W17	21 17	12 45	0n57	20 2	1 46	21 30	1 31	17 28	1 11	20 2	0 37	1 0	2 21	12 59	0 43	13 2	1 46	5 54	13 47	16 50	16 35	3 53	13 35	0 45
T 18	21 7	7 32	2 1	19 30	1 43	21 38	1 28	17 16	1 11	20 4	0 37	1 0	2 21	12 58	0 43	13 2	1 46	5 54	13 47	16 50	16 36	3 56	13 36	0 45
F 19	20 56	2 6	2 59	18 56	1 40	21 45	1 25	17 5	1 11	20 6	0 38	1 1	2 22	12 57	0 43	13 2	1 46	5 54	13 47	16 50	16 36	3 59	13 36	0 45
S 20	20 45	3n21	3 49	18 22	1 36	21 52	1 23	16 53	1 10	20 8	0 38	1 1	2 22	12 56	0 43	13 2	1 46	5 54	13 48	16 49	16 37	4 3	13 36	0 45
S 21	20 34	8 40	4 29	17 47	1 32	21 59	1 20	16 42	1 10	20 10	0 38	1 2	2 22	12 54	0 43	13 3	1 46	5 54	13 48	16 49	16 38	4 6	13 36	0 45
M22	20 22	13 41	4 57	17 11	1 27	22 4	1 17	16 30	1 10	20 11	0 38	1 2	2 22	12 53	0 43	13 3	1 46	5 53	13 48	16 49	16 39	4 9	13 37	0 45
T 23	20 10	18 15	5 13	16 35	1 22	22 9	1 15	16 18	1 10	20 13	0 38	1 3	2 23	12 52	0 43	13 3	1 46	5 53	13 48	16 49	16 40	4 12	13 37	0 46
W24	19 58	22 8	5 16	15 57	1 17	22 14	1 12	16 6	1 10	20 15	0 38	1 3	2 23	12 51	0 43	13 3	1 46	5 53	13 48	16 49	16 41	4 15	13 37	0 46
T 25	19 45	25 7	5 3	15 20	1 11	22 18	1 9	15 54	1 9	20 17	0 38	1 4	2 23	12 50	0 43	13 3	1 46	5 53	13 49	16 49	16 42	4 19	13 38	0 46
F 26	19 32	26 55	4 35	14 42	1 4	22 21	1 6	15 41	1 9	20 19	0 39	1 5	2 24	12 48	0 43	13 3	1 46	5 53	13 49	16 49	16 43	4 22	13 38	0 46
S 27	19 19	27 16	3 52	14 3	0 57	22 24	1 3	15 29	1 9	20 21	0 39	1 6	2 24	12 47	0 43	13 4	1 46	5 53	13 49	16 50	16 44	4 25	13 38	0 46
S 28	19 6	26 1	2 55	13 25	0 50	22 26	1 0	15 17	1 9	20 23	0 39	1 6	2 24	12 46	0 43	13 4	1 47	5 53	13 49	16 50	16 45	4 28	13 38	0 46
M29	18 52	23 8	1 47	12 46	0 43	22 28	0 58	15 4	1 9	20 25	0 39	1 7	2 24	12 45	0 43	13 4	1 47	5 53	13 50	16 50	16 46	4 31	13 38	0 46
T 30	18 37	18 46	0 30	12 7	0 35	22 28	0 55	14 52	1 8	20 27	0 39	1 8	2 25	12 43	0 43	13 4	1 47	5 53	13 50	16 50	16 47	4 35	13 38	0 46
W31	18n23	13n14	0s51	11n28	0n27	22n29	0s52	14n39	1n 8	20s28	0s39	1s 9	2s25	12n42	0n43	13n 4	1s47	5n53	13s50	16s50	16s47	4n38	13n39	0s47

Julian Day Number = 2407166.5, Delta T = -2.65 sec
Ecliptic obliquity = 23°27'24, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°02'37, Lahiri = 22°09'37

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ASTRODIENST EPHEMERIS for the year 1878
geocentric

AUGUST 1878 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 37 52	8♌34'08	7♍ 7	2♍40	6♋47	24♌30	1°R23	2°R40	28♌28	9♉47	26♉22	13♒18	13♒25	2♈46	8♉37	T 1
F 2	20 41 49	9°31'35	21°48	4° 5	7°59	25° 8	1♒16	2♈38	28°32	9°47	26°22	13°19	13°22	2°52	8°37	F 2
S 3	20 45 45	10°29'03	6♎25	5°28	9°10	25°46	1° 8	2°36	28°36	9°48	26°23	13°19	13°19	2°59	8°38	S 3
S 4	20 49 42	11°26'31	20°53	6°49	10°22	26°24	1° 1	2°34	28°39	9°48	26°23	13°19	13°16	3° 6	8°38	S 4
M 5	20 53 39	12°24'00	5♏ 8	8° 8	11°34	27° 2	0°53	2°32	28°43	9°48	26°24	13°19	13°12	3°12	8°39	M 5
T 6	20 57 35	13°21'30	19° 7	9°26	12°45	27°40	0°46	2°30	28°46	9°48	26°24	13°19	13° 9	3°19	8°39	T 6
W 7	21 1 32	14°19'00	2♐51	10°41	13°57	28°18	0°38	2°28	28°50	9°49	26°24	13°19	13° 6	3°26	8°40	W 7
T 8	21 5 28	15°16'32	16°18	11°54	15° 9	28°56	0°31	2°25	28°54	9°49	26°25	13°19	13° 3	3°32	8°40	T 8
F 9	21 9 25	16°14'04	29°29	13° 5	16°21	29°34	0°24	2°23	28°57	9°49	26°25	13°19	13° 0	3°39	8°40	F 9
S 10	21 13 21	17°11'37	12♑25	14°14	17°33	0♍12	0°17	2°20	29° 1	9°49	26°26	13°20	12°57	3°46	8°40	S 10
S 11	21 17 18	18° 9'11	25° 8	15°20	18°45	0°50	0°10	2°18	29° 5	9°49	26°26	13°20	12°53	3°53	8°40	S 11
M12	21 21 14	19° 6'47	7♒38	16°24	19°57	1°28	0° 3	2°15	29° 9	9°49	26°26	13°R20	12°50	3°59	8°41	M12
T 13	21 25 11	20° 4'23	19°57	17°26	21° 9	2° 6	29♑56	2°12	29°12	9°R49	26°27	13°20	12°47	4° 6	8°R41	T 13
W14	21 29 8	21° 2'01	2♓ 6	18°25	22°21	2°44	29°49	2° 9	29°16	9°49	26°27	13°20	12°44	4°13	8°41	W14
T 15	21 33 4	21°59'39	14° 7	19°21	23°33	3°22	29°42	2° 7	29°20	9°49	26°27	13°19	12°41	4°19	8°40	T 15
F 16	21 37 1	22°57'20	26° 1	20°14	24°46	4° 0	29°36	2° 4	29°23	9°49	26°27	13°18	12°37	4°26	8°40	F 16
S 17	21 40 57	23°55'01	7♈52	21° 4	25°58	4°38	29°29	2° 0	29°27	9°49	26°27	13°17	12°34	4°33	8°40	S 17
S 18	21 44 54	24°52'44	19°43	21°50	27°10	5°16	29°23	1°57	29°31	9°49	26°28	13°15	12°31	4°39	8°40	S 18
M19	21 48 50	25°50'29	1♉37	22°34	28°23	5°54	29°17	1°54	29°35	9°49	26°28	13°14	12°28	4°46	8°39	M19
T 20	21 52 47	26°48'16	13°37	23°13	29°35	6°32	29°11	1°51	29°38	9°49	26°28	13°13	12°25	4°53	8°39	T 20
W21	21 56 43	27°46'04	25°49	23°49	0♌48	7°11	29° 5	1°47	29°42	9°48	26°28	13°D12	12°22	4°59	8°39	W21
T 22	22 0 40	28°43'54	8♊16	24°21	2° 1	7°49	28°59	1°44	29°46	9°48	26°28	13°12	12°18	5° 6	8°38	T 22
F 23	22 4 37	29°41'45	21° 2	24°48	3°13	8°27	28°53	1°40	29°50	9°48	26°28	13°13	12°15	5°13	8°38	F 23
S 24	22 8 33	0♍39'39	4♋12	25°11	4°26	9° 5	28°47	1°37	29°53	9°47	26°28	13°14	12°12	5°20	8°37	S 24
S 25	22 12 30	1°37'34	17°48	25°29	5°39	9°43	28°42	1°33	29°57	9°47	26°28	13°16	12° 9	5°26	8°36	S 25
M26	22 16 26	2°35'31	1♌49	25°42	6°52	10°21	28°37	1°29	0♍ 1	9°47	26°28	13°17	12° 6	5°33	8°36	M26
T 27	22 20 23	3°33'30	16°16	25°50	8° 5	11° 0	28°32	1°26	0° 5	9°46	26°R28	13°R17	12° 3	5°40	8°35	T 27
W28	22 24 19	4°31'30	1♍ 2	25°R52	9°18	11°38	28°27	1°22	0° 8	9°46	26°28	13°16	11°59	5°46	8°34	W28
T 29	22 28 16	5°29'31	16° 2	25°48	10°31	12°16	28°22	1°18	0°12	9°45	26°28	13°14	11°56	5°53	8°33	T 29
F 30	22 32 12	6°27'35	1♎ 7	25°38	11°44	12°55	28°17	1°14	0°16	9°45	26°28	13°12	11°53	6° 0	8°32	F 30
S 31	22 36 9	7♍25'40	16♎ 7	25♍22	12♌57	13♍33	28♑13	1♈10	0♍20	9♉44	26♉28	13♒ 9	11♒50	6♈ 6	8♉31	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 8	6n55	2s 8	10n49	0n18	22n28	0s49	14n26	1n 8	20s30	0s39	1s10	2s25	12n41	0n43	13n 4	1s47	5n53	13s50	16s50	16s48	4n41	13n39	0s47
F 2	17 53	0 14	3 18	10 10	0 9	22 27	0 46	14 13	1 8	20 32	0 39	1 11	2 25	12 40	0 43	13 4	1 47	5 52	13 51	16 50	16 49	4 44	13 39	0 47
S 3	17 37	6s26	4 14	9 31	0 0	22 26	0 43	14 0	1 8	20 34	0 39	1 12	2 26	12 38	0 43	13 4	1 47	5 52	13 51	16 50	16 50	4 47	13 39	0 47
S 4	17 22	12 41	4 53	8 53	0s 9	22 23	0 40	13 47	1 7	20 36	0 40	1 13	2 26	12 37	0 43	13 4	1 47	5 52	13 51	16 50	16 51	4 51	13 39	0 47
M 5	17 6	18 10	5 14	8 14	0 18	22 20	0 37	13 34	1 7	20 37	0 40	1 14	2 26	12 36	0 43	13 4	1 47	5 52	13 51	16 50	16 52	4 54	13 39	0 47
T 6	16 49	22 34	5 16	7 36	0 28	22 17	0 34	13 20	1 7	20 39	0 40	1 15	2 26	12 35	0 43	13 4	1 47	5 52	13 52	16 50	16 53	4 57	13 39	0 47
W 7	16 33	25 38	4 59	6 59	0 38	22 13	0 31	13 7	1 7	20 41	0 40	1 16	2 27	12 33	0 43	13 4	1 47	5 52	13 52	16 50	16 54	5 0	13 39	0 48
T 8	16 16	27 10	4 26	6 22	0 48	22 8	0 28	12 54	1 7	20 42	0 40	1 17	2 27	12 32	0 43	13 4	1 47	5 52	13 52	16 50	16 55	5 3	13 39	0 48
F 9	15 59	27 7	3 40	5 45	0 58	22 3	0 25	12 40	1 6	20 44	0 40	1 18	2 27	12 31	0 43	13 4	1 47	5 51	13 52	16 50	16 56	5 6	13 39	0 48
S 10	15 42	25 35	2 43	5 10	1 8	21 57	0 22	12 27	1 6	20 46	0 40	1 19	2 27	12 29	0 43	13 4	1 47	5 51	13 53	16 50	16 56	5 10	13 39	0 48
S 11	15 24	22 45	1 39	4 34	1 19	21 50	0 19	12 13	1 6	20 47	0 40	1 21	2 28	12 28	0 43	13 4	1 47	5 51	13 53	16 50	16 57	5 13	13 39	0 48
M12	15 6	18 53	0 32	4 0	1 29	21 43	0 16	11 59	1 6	20 49	0 40	1 22	2 28	12 27	0 43	13 4	1 47	5 51	13 53	16 50	16 58	5 16	13 39	0 48
T 13	14 48	14 16	0n37	3 26	1 40	21 35	0 13	11 45	1 5	20 50	0 40	1 23	2 28	12 26	0 43	13 4	1 47	5 51	13 53	16 50	16 59	5 19	13 38	0 48
W14	14 30	9 9	1 42	2 54	1 50	21 26	0 10	11 31	1 5	20 52	0 41	1 24	2 28	12 24	0 43	13 4	1 48	5 50	13 54	16 50	17 0	5 22	13 38	0 48
T 15	14 11	3 46	2 42	2 22	2 1	21 17	0 7	11 17	1 5	20 53	0 41	1 26	2 28	12 23	0 43	13 4	1 48	5 50	13 54	16 50	17 1	5 25	13 38	0 49
F 16	13 53	1n42	3 35	1 51	2 12	21 7	0 4	11 3	1 5	20 55	0 41	1 27	2 29	12 22	0 43	13 4	1 48	5 50	13 54	16 50	17 2	5 29	13 38	0 49
S 17	13 34	7 5	4 18	1 22	2 22	20 57	0 1	10 49	1 4	20 56	0 41	1 29	2 29	12 20	0 43	13 4	1 48	5 50	13 54	16 51	17 3	5 32	13 38	0 49
S 18	13 14	12 11	4 50	0 54	2 33	20 46	0n 1	10 35	1 4	20 58	0 41	1 30	2 29	12 19	0 43	13 4	1 48	5 50	13 55	16 51	17 4	5 35	13 38	0 49
M19	12 55	16 53	5 10	0 27	2 43	20 34	0 4	10 21	1 4	20 59	0 41	1 32	2 29	12 18	0 43	13 4	1 48	5 49	13 55	16 52	17 5	5 38	13 37	0 49
T 20	12 35	20 57	5 16	0 2	2 54	20 22	0 7	10 6	1 4	21 0	0 41	1 33	2 29	12 16	0 43	13 3	1 48	5 49	13 55	16 52	17 5	5 41	13 37	0 49
W21	12 15	24 13	5 9	0s21	3 4	20 9	0 10	9 52	1 3	21 2	0 41	1 35	2 30	12 15	0 43	13 3	1 48	5 49	13 55	16 52	17 6	5 44	13 37	0 49
T 22	11 55	26 25	4 46	0 43	3 14	19 56	0 13	9 37	1 3	21 3	0 41	1 36	2 30	12 14	0 43	13 3	1 48	5 49	13 56	16 52	17 7	5 48	13 37	0 50
F 23	11 35	27 19	4 10	1 3	3 23	19 42	0 15	9 23	1 3	21 4	0 41	1 38	2 30	12 12	0 43	13 3	1 48	5 48	13 56	16 52	17 8	5 51	13 36	0 50
S 24	11 15	26 43	3 19	1 20	3 32	19 28	0 18	9 8	1 3	21 5	0 41	1 39	2 30	12 11	0 43	13 3	1 48	5 48	13 56	16 51	17 9	5 54	13 36	0 50
S 25	10 54	24 31	2 16	1 35	3 41	19 13	0 21	8 54	1 2	21 6	0 41	1 41	2 30	12 10	0 43	13 3	1 48	5 48	13 56	16 51	17 10	5 57	13 36	0 50
M26	10 34	20 47	1 3	1 48	3 49	18 57	0 24	8 39	1 2	21 8	0 41	1 43	2 31	12 8	0 43	13 3	1 48	5 48	13 57	16 51	17 11	6 0	13 35	0 50
T 27	10 13	15 43	0s16	1 58	3 57	18 41	0 26	8 24	1 2	21 9	0 41	1 44	2 31	12 7	0 43	13 2	1 48	5 48	13 57	16 51	17 12	6 3	13 35	0 50
W28	9 52	9 37	1 36	2 5	4 4	18 24	0 29	8 9	1 2	21 10	0 41	1 46	2 31	12 6	0 43	13 2	1 48	5 47	13 57	16 51	17 13	6 6	13 34	0 50
T 29	9 30	2 53	2 51	2 9	4 10	18 7	0 31	7 54	1 1	21 11	0 41	1 48	2 31	12 4	0 43	13 2	1 48	5 47	13 57	16 51	17 13	6 10	13 34	0 50
F 30	9 9	4s 1	3 53	2 10	4 15	17 49	0 34	7 40	1 1	21 12	0 41	1 49	2 31	12 3	0 43	13 2	1 48	5 47	13 58	16 52	17 14	6 13	13 34	0 51
S 31	8n47	10s39	4s40	2s 7	4s19	17n31	0n36	7n25	1n 1	21s13	0s41	1s51	2s31	12n 2	0n43	13n 1	1s49	5n46	13s58	16s53	17s15	6n16	13n33	0s51

Julian Day Number = 2407197.5, Delta T = -2.69 sec
Ecliptic obliquity = 23°27'25, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°02'41, Lahiri = 22°09'41

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ASTRODIENST EPHEMERIS for the year 1878
geocentric

SEPTEMBER 1878 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 40 6	8♍23'46	0♏54	25°R 0	14♌10	14♍11	28°R 8	1°R 6	0♍23	9°R44	26°R28	13°R 5	11♒47	6♈13	8°R30	S 1
M 2	22 44 2	9°21'54	15°23	24♍31	15°24	14°50	28♑ 4	1♈ 2	0°27	9♉43	26♉28	13♒ 3	11°43	6°20	8♉29	M 2
T 3	22 47 59	10°20'03	29°28	23°57	16°37	15°28	28° 0	0°58	0°31	9°42	26°28	13° 1	11°40	6°26	8°28	T 3
W 4	22 51 55	11°18'14	13♐10	23°16	17°50	16° 6	27°56	0°53	0°35	9°42	26°28	13°D 1	11°37	6°33	8°27	W 4
T 5	22 55 52	12°16'26	26°29	22°30	19° 4	16°45	27°53	0°49	0°38	9°41	26°28	13° 2	11°34	6°40	8°25	T 5
F 6	22 59 48	13°14'39	9♑27	21°39	20°17	17°23	27°49	0°45	0°42	9°40	26°27	13° 3	11°31	6°47	8°24	F 6
S 7	23 3 45	14°12'54	22° 8	20°44	21°31	18° 2	27°46	0°40	0°46	9°39	26°27	13° 5	11°28	6°53	8°23	S 7
S 8	23 7 41	15°11'11	4♒34	19°46	22°44	18°40	27°43	0°36	0°49	9°39	26°27	13° 6	11°24	7° 0	8°21	S 8
M 9	23 11 38	16° 9'29	16°48	18°46	23°58	19°19	27°40	0°32	0°53	9°38	26°27	13°R 6	11°21	7° 7	8°20	M 9
T 10	23 15 35	17° 7'49	28°54	17°45	25°11	19°57	27°37	0°27	0°57	9°37	26°26	13° 5	11°18	7°13	8°18	T 10
W11	23 19 31	18° 6'10	10♓53	16°45	26°25	20°36	27°35	0°23	1° 0	9°36	26°26	13° 2	11°15	7°20	8°17	W11
T 12	23 23 28	19° 4'34	22°48	15°47	27°39	21°14	27°33	0°18	1° 4	9°35	26°26	12°57	11°12	7°27	8°15	T 12
F 13	23 27 24	20° 2'59	4♈40	14°52	28°53	21°53	27°30	0°14	1° 8	9°34	26°25	12°51	11° 8	7°33	8°13	F 13
S 14	23 31 21	21° 1'26	16°30	14° 2	0♍ 6	22°31	27°29	0° 9	1°11	9°33	26°25	12°44	11° 5	7°40	8°11	S 14
S 15	23 35 17	21°59'55	28°22	13°17	1°20	23°10	27°27	0° 5	1°15	9°32	26°25	12°37	11° 2	7°47	8°10	S 15
M16	23 39 14	22°58'27	10♉18	12°41	2°34	23°48	27°25	29♓59	1°18	9°31	26°24	12°30	10°59	7°54	8° 8	M16
T 17	23 43 10	23°57'00	22°19	12°12	3°48	24°27	27°24	29°55	1°22	9°30	26°24	12°25	10°56	8° 0	8° 6	T 17
W18	23 47 7	24°55'36	4♊30	11°52	5° 2	25° 6	27°23	29°51	1°25	9°29	26°23	12°21	10°53	8° 7	8° 4	W18
T 19	23 51 4	25°54'13	16°54	11°41	6°16	25°44	27°22	29°46	1°29	9°28	26°23	12°18	10°49	8°14	8° 2	T 19
F 20	23 55 0	26°52'53	29°36	11°D41	7°30	26°23	27°21	29°41	1°32	9°27	26°22	12°D18	10°46	8°20	8° 0	F 20
S 21	23 58 57	27°51'36	12♋38	11°50	8°44	27° 2	27°20	29°37	1°36	9°26	26°22	12°19	10°43	8°27	7°58	S 21
S 22	0 2 53	28°50'20	26° 6	12° 9	9°59	27°41	27°20	29°32	1°39	9°24	26°21	12°20	10°40	8°34	7°56	S 22
M23	0 6 50	29°49'07	10♌ 2	12°37	11°13	28°19	27°20	29°27	1°43	9°23	26°21	12°R21	10°37	8°40	7°54	M23
T 24	0 10 46	0♎47'56	24°25	13°15	12°27	28°58	27°D20	29°23	1°46	9°22	26°20	12°20	10°34	8°47	7°52	T 24
W25	0 14 43	1°46'47	9♍12	14° 1	13°41	29°37	27°20	29°18	1°50	9°21	26°20	12°18	10°30	8°54	7°49	W25
T 26	0 18 39	2°45'40	24°19	14°55	14°56	0♎16	27°20	29°13	1°53	9°20	26°19	12°13	10°27	9° 1	7°47	T 26
F 27	0 22 36	3°44'35	9♎36	15°57	16°10	0°55	27°21	29° 9	1°56	9°18	26°18	12° 6	10°24	9° 7	7°45	F 27
S 28	0 26 32	4°43'33	24°52	17° 6	17°25	1°34	27°21	29° 4	2° 0	9°17	26°18	11°58	10°21	9°14	7°42	S 28
S 29	0 30 29	5°42'32	9♏57	18°21	18°39	2°13	27°22	29° 0	2° 3	9°16	26°17	11°50	10°18	9°21	7°40	S 29
M30	0 34 26	6♎41'33	24♏41	19♍41	19♍53	2♎52	27♑24	28♓55	2♍ 6	9♉14	26♉16	11♒43	10♒14	9♈27	7♉38	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n26	16s35	5s 7	2s 1	4s22	17n12	0n39	7n 9	1n 1	21s14	0s41	1s53	2s32	12n 1	0n43	13n 1	1s49	5n46	13s58	16s54	17s16	6n19	13n33	0s51
M 2	8 4	21 27	5 14	1 51	4 23	16 53	0 41	6 54	1 0	21 14	0 41	1 55	2 32	11 59	0 43	13 1	1 49	5 46	13 58	16 55	17 17	6 22	13 32	0 51
T 3	7 42	24 57	5 1	1 37	4 23	16 33	0 43	6 39	1 0	21 15	0 41	1 56	2 32	11 58	0 43	13 1	1 49	5 46	13 59	16 55	17 18	6 25	13 32	0 51
W 4	7 20	26 53	4 32	1 20	4 22	16 13	0 46	6 24	1 0	21 16	0 42	1 58	2 32	11 57	0 43	13 0	1 49	5 45	13 59	16 55	17 19	6 28	13 31	0 51
T 5	6 58	27 13	3 48	0 59	4 18	15 53	0 48	6 9	0 59	21 17	0 42	2 0	2 32	11 55	0 43	13 0	1 49	5 45	13 59	16 55	17 20	6 32	13 31	0 51
F 6	6 35	26 1	2 54	0 34	4 13	15 32	0 50	5 54	0 59	21 17	0 42	2 2	2 32	11 54	0 43	13 0	1 49	5 45	13 59	16 55	17 21	6 35	13 30	0 52
S 7	6 13	23 29	1 52	0 6	4 6	15 10	0 52	5 38	0 59	21 18	0 42	2 4	2 32	11 53	0 43	13 0	1 49	5 44	14 0	16 54	17 21	6 38	13 30	0 52
S 8	5 50	19 53	0 47	0n26	3 56	14 48	0 54	5 23	0 59	21 19	0 42	2 5	2 32	11 51	0 43	12 59	1 49	5 44	14 0	16 54	17 22	6 41	13 29	0 52
M 9	5 28	15 29	0n20	0 59	3 45	14 26	0 56	5 8	0 58	21 19	0 42	2 7	2 33	11 50	0 43	12 59	1 49	5 44	14 0	16 54	17 23	6 44	13 28	0 52
T 10	5 5	10 32	1 25	1 35	3 32	14 3	0 58	4 52	0 58	21 20	0 42	2 9	2 33	11 49	0 43	12 59	1 49	5 44	14 0	16 54	17 24	6 47	13 28	0 52
W11	4 42	5 15	2 26	2 12	3 18	13 40	1 0	4 37	0 58	21 20	0 42	2 11	2 33	11 48	0 43	12 58	1 49	5 43	14 1	16 55	17 25	6 50	13 27	0 52
T 12	4 20	0n11	3 19	2 49	3 2	13 16	1 2	4 21	0 57	21 21	0 42	2 13	2 33	11 46	0 43	12 58	1 49	5 43	14 1	16 56	17 26	6 53	13 26	0 52
F 13	3 57	5 35	4 4	3 27	2 44	12 52	1 4	4 6	0 57	21 21	0 42	2 15	2 33	11 45	0 43	12 58	1 49	5 43	14 1	16 58	17 27	6 56	13 26	0 52
S 14	3 34	10 46	4 38	4 3	2 26	12 28	1 6	3 50	0 57	21 22	0 42	2 17	2 33	11 44	0 43	12 57	1 49	5 42	14 1	17 0	17 28	7 0	13 25	0 53
S 15	3 11	15 34	5 0	4 38	2 6	12 3	1 7	3 35	0 56	21 22	0 42	2 19	2 33	11 42	0 43	12 57	1 49	5 42	14 2	17 2	17 28	7 3	13 24	0 53
M16	2 47	19 48	5 9	5 10	1 46	11 38	1 9	3 19	0 56	21 22	0 42	2 21	2 33	11 41	0 43	12 57	1 49	5 42	14 2	17 4	17 29	7 6	13 24	0 53
T 17	2 24	23 16	5 5	5 39	1 27	11 13	1 11	3 4	0 56	21 23	0 42	2 22	2 33	11 40	0 43	12 56	1 49	5 41	14 2	17 6	17 30	7 9	13 23	0 53
W18	2 1	25 45	4 47	6 5	1 7	10 47	1 12	2 48	0 55	21 23	0 42	2 24	2 33	11 39	0 43	12 56	1 49	5 41	14 2	17 7	17 31	7 12	13 22	0 53
T 19	1 38	27 2	4 15	6 27	0 47	10 21	1 14	2 32	0 55	21 23	0 42	2 26	2 33	11 37	0 43	12 55	1 49	5 41	14 3	17 7	17 32	7 15	13 21	0 53
F 20	1 14	26 58	3 30	6 45	0 29	9 55	1 15	2 17	0 55	21 23	0 42	2 28	2 33	11 36	0 43	12 55	1 50	5 40	14 3	17 7	17 33	7 18	13 21	0 53
S 21	0 51	25 24	2 33	6 58	0 11	9 29	1 16	2 1	0 55	21 23	0 42	2 30	2 33	11 35	0 43	12 55	1 50	5 40	14 3	17 7	17 34	7 21	13 20	0 53
S 22	0 28	22 22	1 27	7 6	0n 6	9 2	1 18	1 45	0 54	21 23	0 42	2 32	2 34	11 34	0 43	12 54	1 50	5 40	14 3	17 7	17 34	7 24	13 19	0 54
M23	0 4	17 57	0 13	7 10	0 22	8 35	1 19	1 29	0 54	21 23	0 42	2 34	2 34	11 33	0 43	12 54	1 50	5 39	14 4	17 7	17 35	7 27	13 18	0 54
T 24	0s19	12 23	1s 5	7 9	0 37	8 7	1 20	1 14	0 54	21 23	0 42	2 36	2 34	11 31	0 43	12 53	1 50	5 39	14 4	17 7	17 36	7 30	13 18	0 54
W25	0 43	5 58	2 19	7 4	0 50	7 40	1 21	0 58	0 53	21 23	0 42	2 38	2 34	11 30	0 43	12 53	1 50	5 39	14 4	17 7	17 37	7 33	13 17	0 54
T 26	1 6	0s54	3 26	6 54	1 2	7 12	1 22	0 42	0 53	21 23	0 42	2 39	2 34	11 29	0 43	12 53	1 50	5 38	14 4	17 9	17 38	7 37	13 16	0 54
F 27	1 29	7 46	4 19	6 40	1 13	6 44	1 23	0 26	0 53	21 23	0 42	2 41	2 34	11 28	0 43	12 52	1 50	5 38	14 4	17 11	17 39	7 40	13 15	0 54
S 28	1 53	14 10	4 53	6 22	1 23	6 16	1 24	0 11	0 52	21 23	0 42	2 43	2 34	11 27	0 43	12 52	1 50	5 38	14 5	17 13	17 40	7 43	13 14	0 54
S 29	2 16	19 38	5 6	6 0	1 31	5 47	1 25	0s 5	0 52	21 23	0 42	2 45	2 34	11 26	0 43	12 51	1 50	5 37	14 5	17 15	17 40	7 46	13 13	0 54
M30	2s40	23s46	4s58	5n35	1n38	5n19	1n25	0s21	0n51	21s23	0s41	2s47	2s34	11n24	0n43	12n51	1s50	5n37	14s 5	17s17	17s41	7n49	13n12	0s55

Julian Day Number = 2407228.5, Delta T = -2.72 sec
Ecliptic obliquity = 23°27'25, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°02'45, Lahiri = 22°09'46

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ASTRODIENST EPHEMERIS for the year 1878
geocentric

OCTOBER 1878 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 38 22	7♎40'36	8♐58	21♍ 6	21♍ 8	3♎31	27♑25	28°R50	2♍ 9	9°R13	26°R16	11°R37	10♒11	9♈34	7°R35	T 1
W 2	0 42 19	8°39'41	22°47	22°35	22°23	4°10	27°26	28♓46	2°13	9♉12	26♉15	11♒34	10° 8	9°41	7♉33	W 2
T 3	0 46 15	9°38'47	6♑ 7	24° 8	23°37	4°49	27°28	28°41	2°16	9°10	26°14	11°D33	10° 5	9°48	7°30	T 3
F 4	0 50 12	10°37'55	19° 2	25°43	24°52	5°28	27°30	28°37	2°19	9° 9	26°14	11°33	10° 2	9°54	7°28	F 4
S 5	0 54 8	11°37'05	1♒36	27°21	26° 6	6° 7	27°32	28°32	2°22	9° 7	26°13	11°34	9°59	10° 1	7°25	S 5
S 6	0 58 5	12°36'17	13°53	29° 1	27°21	6°46	27°35	28°28	2°25	9° 6	26°12	11°R34	9°55	10° 8	7°22	S 6
M 7	1 2 2	13°35'30	25°58	0♏43	28°36	7°25	27°37	28°23	2°28	9° 4	26°11	11°33	9°52	10°14	7°20	M 7
T 8	1 5 58	14°34'46	7♓56	2°25	29°50	8° 4	27°40	28°19	2°31	9° 3	26°11	11°30	9°49	10°21	7°17	T 8
W 9	1 9 55	15°34'03	19°48	4° 9	1♏ 5	8°43	27°43	28°15	2°34	9° 1	26°10	11°24	9°46	10°28	7°14	W 9
T 10	1 13 51	16°33'22	1♈39	5°53	2°20	9°22	27°46	28°10	2°37	9° 0	26° 9	11°15	9°43	10°34	7°12	T 10
F 11	1 17 48	17°32'43	13°30	7°37	3°35	10° 2	27°49	28° 6	2°40	8°58	26° 8	11° 4	9°40	10°41	7° 9	F 11
S 12	1 21 44	18°32'06	25°24	9°22	4°49	10°41	27°53	28° 2	2°43	8°57	26° 7	10°51	9°36	10°48	7° 6	S 12
S 13	1 25 41	19°31'31	7♉20	11° 6	6° 4	11°20	27°56	27°58	2°46	8°55	26° 6	10°38	9°33	10°55	7° 3	S 13
M14	1 29 37	20°30'58	19°21	12°51	7°19	11°59	28° 0	27°54	2°49	8°54	26° 6	10°26	9°30	11° 1	7° 0	M14
T 15	1 33 34	21°30'28	1♊29	14°35	8°34	12°39	28° 4	27°49	2°52	8°52	26° 5	10°15	9°27	11° 8	6°58	T 15
W16	1 37 30	22°29'59	13°44	16°19	9°49	13°18	28° 8	27°45	2°54	8°50	26° 4	10° 6	9°24	11°15	6°55	W16
T 17	1 41 27	23°29'33	26°11	18° 3	11° 4	13°57	28°13	27°41	2°57	8°49	26° 3	10° 1	9°20	11°21	6°52	T 17
F 18	1 45 24	24°29'10	8♋52	19°46	12°19	14°37	28°17	27°38	3° 0	8°47	26° 2	9°58	9°17	11°28	6°49	F 18
S 19	1 49 20	25°28'48	21°50	21°28	13°34	15°16	28°22	27°34	3° 2	8°46	26° 1	9°D57	9°14	11°35	6°46	S 19
S 20	1 53 17	26°28'29	5♌10	23°11	14°49	15°56	28°27	27°30	3° 5	8°44	26° 0	9°R57	9°11	11°41	6°43	S 20
M21	1 57 13	27°28'12	18°54	24°52	16° 4	16°35	28°32	27°26	3° 8	8°42	25°59	9°56	9° 8	11°48	6°40	M21
T 22	2 1 10	28°27'58	3♍ 4	26°33	17°19	17°15	28°37	27°23	3°10	8°41	25°58	9°55	9° 5	11°55	6°37	T 22
W23	2 5 6	29°27'45	17°39	28°14	18°34	17°54	28°42	27°19	3°13	8°39	25°57	9°51	9° 1	12° 2	6°34	W23
T 24	2 9 3	0♏27'35	2♎36	29°54	19°49	18°34	28°48	27°15	3°15	8°37	25°56	9°44	8°58	12° 8	6°31	T 24
F 25	2 12 59	1°27'27	17°48	1♏33	21° 5	19°13	28°54	27°12	3°17	8°36	25°55	9°35	8°55	12°15	6°28	F 25
S 26	2 16 56	2°27'21	3♏ 4	3°12	22°20	19°53	29° 0	27° 9	3°20	8°34	25°54	9°23	8°52	12°22	6°25	S 26
S 27	2 20 53	3°27'16	18°13	4°51	23°35	20°33	29° 6	27° 5	3°22	8°32	25°53	9°12	8°49	12°28	6°22	S 27
M28	2 24 49	4°27'14	3♐ 4	6°28	24°50	21°12	29°12	27° 2	3°24	8°31	25°52	9° 1	8°45	12°35	6°19	M28
T 29	2 28 46	5°27'14	17°31	8° 6	26° 5	21°52	29°19	26°59	3°27	8°29	25°51	8°53	8°42	12°42	6°16	T 29
W30	2 32 42	6°27'15	1♑28	9°43	27°20	22°32	29°25	26°56	3°29	8°27	25°50	8°47	8°39	12°49	6°13	W30
T 31	2 36 39	7♏27'18	14♑55	11♏19	28♎36	23♎12	29♑32	26♓53	3♍31	8♉26	25♉49	8♒43	8♒36	12♈55	6♉10	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s 3	26s17	4s32	5n 7	1n43	4n50	1n26	0s37	0n51	21s22	0s41	2s49	2s34	11n23	0n43	12n50	1s50	5n37	14s 5	17s19	17s42	7n52	13n11	0s55
W 2	3 26	27 6	3 51	4 36	1 48	4 21	1 27	0 53	0 51	21 22	0 41	2 50	2 34	11 22	0 43	12 50	1 50	5 36	14 5	17 20	17 43	7 55	13 10	0 55
T 3	3 49	26 17	2 58	4 2	1 52	3 52	1 27	1 8	0 50	21 22	0 41	2 52	2 34	11 21	0 43	12 49	1 50	5 36	14 6	17 20	17 44	7 58	13 10	0 55
F 4	4 13	24 3	1 58	3 27	1 54	3 23	1 28	1 24	0 50	21 21	0 41	2 54	2 34	11 20	0 43	12 49	1 50	5 36	14 6	17 20	17 45	8 1	13 9	0 55
S 5	4 36	20 41	0 53	2 49	1 56	2 54	1 28	1 40	0 50	21 21	0 41	2 56	2 34	11 19	0 43	12 48	1 50	5 35	14 6	17 20	17 46	8 4	13 8	0 55
S 6	4 59	16 28	0n12	2 10	1 56	2 24	1 28	1 56	0 49	21 20	0 41	2 58	2 34	11 18	0 43	12 48	1 50	5 35	14 6	17 20	17 46	8 7	13 7	0 55
M 7	5 22	11 41	1 16	1 29	1 56	1 55	1 29	2 12	0 49	21 20	0 41	2 59	2 33	11 17	0 43	12 47	1 50	5 35	14 6	17 20	17 47	8 10	13 6	0 55
T 8	5 45	6 30	2 16	0 48	1 55	1 25	1 29	2 27	0 49	21 19	0 41	3 1	2 33	11 16	0 43	12 47	1 50	5 34	14 6	17 21	17 48	8 13	13 5	0 55
W 9	6 8	1 9	3 9	0 5	1 53	0 56	1 29	2 43	0 48	21 19	0 41	3 3	2 33	11 14	0 43	12 46	1 50	5 34	14 7	17 22	17 49	8 16	13 4	0 56
T 10	6 31	4n14	3 53	0s38	1 51	0 26	1 29	2 59	0 48	21 18	0 41	3 4	2 33	11 13	0 43	12 46	1 50	5 34	14 7	17 25	17 50	8 19	13 3	0 56
F 11	6 54	9 27	4 28	1 22	1 48	0s 4	1 29	3 15	0 47	21 17	0 41	3 6	2 33	11 12	0 44	12 45	1 50	5 33	14 7	17 28	17 51	8 22	13 2	0 56
S 12	7 16	14 20	4 51	2 6	1 45	0 34	1 29	3 30	0 47	21 17	0 41	3 8	2 33	11 11	0 44	12 45	1 50	5 33	14 7	17 31	17 52	8 25	13 1	0 56
S 13	7 39	18 42	5 1	2 51	1 41	1 3	1 29	3 46	0 47	21 16	0 41	3 9	2 33	11 10	0 44	12 44	1 50	5 33	14 7	17 35	17 52	8 28	13 0	0 56
M14	8 1	22 21	4 58	3 35	1 37	1 33	1 28	4 2	0 46	21 15	0 41	3 11	2 33	11 9	0 44	12 44	1 50	5 32	14 7	17 38	17 53	8 31	12 59	0 56
T 15	8 23	25 3	4 41	4 20	1 32	2 3	1 28	4 18	0 46	21 14	0 41	3 12	2 33	11 8	0 44	12 43	1 50	5 32	14 7	17 41	17 54	8 35	12 58	0 56
W16	8 46	26 38	4 12	5 5	1 27	2 33	1 28	4 33	0 46	21 13	0 41	3 14	2 33	11 7	0 44	12 43	1 50	5 32	14 8	17 44	17 55	8 38	12 57	0 56
T 17	9 8	26 54	3 30	5 49	1 22	3 3	1 27	4 49	0 45	21 12	0 41	3 15	2 33	11 6	0 44	12 42	1 50	5 31	14 8	17 45	17 56	8 41	12 56	0 56
F 18	9 30	25 46	2 37	6 33	1 17	3 32	1 27	5 5	0 45	21 11	0 41	3 17	2 33	11 6	0 44	12 42	1 50	5 31	14 8	17 46	17 57	8 44	12 55	0 56
S 19	9 52	23 14	1 34	7 17	1 11	4 2	1 26	5 20	0 44	21 10	0 41	3 18	2 33	11 5	0 44	12 41	1 50	5 31	14 8	17 46	17 57	8 47	12 54	0 57
S 20	10 13	19 24	0 25	8 0	1 5	4 31	1 26	5 36	0 44	21 9	0 41	3 20	2 32	11 4	0 44	12 41	1 50	5 30	14 8	17 46	17 58	8 50	12 53	0 57
M21	10 35	14 25	0s47	8 43	0 59	5 1	1 25	5 51	0 44	21 8	0 41	3 21	2 32	11 3	0 44	12 40	1 50	5 30	14 8	17 46	17 59	8 53	12 51	0 57
T 22	10 56	8 32	1 59	9 26	0 53	5 30	1 24	6 7	0 43	21 7	0 41	3 22	2 32	11 2	0 44	12 40	1 50	5 30	14 8	17 47	18 0	8 56	12 50	0 57
W23	11 17	2 2	3 5	10 8	0 47	6 0	1 24	6 22	0 43	21 6	0 41	3 24	2 32	11 1	0 44	12 39	1 50	5 29	14 8	17 48	18 1	8 59	12 49	0 57
T 24	11 38	4s43	4 0	10 49	0 40	6 29	1 23	6 38	0 42	21 5	0 41	3 25	2 32	11 0	0 44	12 39	1 50	5 29	14 9	17 50	18 2	9 2	12 48	0 57
F 25	11 59	11 17	4 39	11 30	0 34	6 58	1 22	6 53	0 42	21 4	0 41	3 26	2 32	10 59	0 44	12 38	1 50	5 29	14 9	17 52	18 3	9 5	12 47	0 57
S 26	12 20	17 13	4 58	12 10	0 27	7 27	1 21	7 8	0 42	21 3	0 41	3 27	2 32	10 59	0 44	12 37	1 50	5 29	14 9	17 55	18 3	9 8	12 46	0 57
S 27	12 41	22 0	4 57	12 50	0 20	7 56	1 20	7 24	0 41	21 1	0 41	3 29	2 32	10 58	0 44	12 37	1 50	5 28	14 9	17 58	18 4	9 11	12 45	0 57
M28	13 1	25 16	4 35	13 29	0 14	8 24	1 19	7 39	0 41	21 0	0 41	3 30	2 31	10 57	0 44	12 36	1 50	5 28	14 9	18 1	18 5	9 14	12 44	0 57
T 29	13 21	26 46	3 55	14 7	0 7	8 53	1 17	7 54	0 40	20 59	0 41	3 31	2 31	10 56	0 44	12 36	1 50	5 28	14 9	18 3	18 6	9 17	12 43	0 58
W30	13 41	26 30	3 3	14 44	0 0	9 21	1 16	8 9	0 40	20 57	0 41	3 32	2 31	10 55	0 44	12 35	1 50	5 27	14 9	18 5	18 7	9 20	12 42	0 58
T 31	14s 1	24s39	2s 2	15s21	0s 7	9s49	1n15	8s25	0n39	20s56	0s41	3s33	2s31	10n55	0n44	12n35	1s50	5n27	14s 9	18s 6	18s 8	9n23	12n41	0s58

Julian Day Number = 2407258.5, Delta T = -2.75 sec
Ecliptic obliquity = 23°27'25, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°02'49, Lahiri = 22°09'50

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ASTRODIENST EPHEMERIS for the year 1878
geocentric

NOVEMBER 1878 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 40 35	8♏27'23	27♑54	12♏55	29♎51	23♎51	29♑39	26°R50	3♍33	8°R24	25°R48	8°R42	8♒33	13♈ 2	6°R 7	F 1
S 2	2 44 32	9°27'29	10♒29	14°31	1♏ 6	24°31	29°46	26♓47	3°35	8♉22	25♉47	8♒42	8°30	13° 9	6♉ 4	S 2
S 3	2 48 28	10°27'36	22°45	16° 6	2°21	25°11	29°53	26°45	3°37	8°20	25°46	8°42	8°26	13°15	6° 1	S 3
M 4	2 52 25	11°27'45	4♓48	17°40	3°37	25°51	0♒ 0	26°42	3°39	8°19	25°45	8°40	8°23	13°22	5°58	M 4
T 5	2 56 22	12°27'56	16°42	19°15	4°52	26°31	0° 8	26°39	3°41	8°17	25°43	8°36	8°20	13°29	5°55	T 5
W 6	3 0 18	13°28'08	28°33	20°48	6° 7	27°11	0°16	26°37	3°43	8°15	25°42	8°30	8°17	13°36	5°53	W 6
T 7	3 4 15	14°28'22	10♈23	22°22	7°23	27°51	0°23	26°35	3°45	8°14	25°41	8°20	8°14	13°42	5°50	T 7
F 8	3 8 11	15°28'37	22°16	23°55	8°38	28°31	0°31	26°32	3°46	8°12	25°40	8° 8	8°11	13°49	5°47	F 8
S 9	3 12 8	16°28'54	4♉14	25°28	9°53	29°11	0°39	26°30	3°48	8°10	25°39	7°54	8° 7	13°56	5°44	S 9
S 10	3 16 4	17°29'13	16°18	27° 0	11° 9	29°51	0°48	26°28	3°50	8° 9	25°38	7°39	8° 4	14° 2	5°41	S 10
M11	3 20 1	18°29'33	28°29	28°33	12°24	0♏31	0°56	26°26	3°51	8° 7	25°37	7°25	8° 1	14° 9	5°38	M11
T 12	3 23 57	19°29'56	10♊49	0♐ 5	13°39	1°11	1° 5	26°24	3°53	8° 5	25°36	7°13	7°58	14°16	5°35	T 12
W13	3 27 54	20°30'20	23°17	1°36	14°55	1°51	1°13	26°22	3°54	8° 4	25°35	7° 4	7°55	14°23	5°32	W13
T 14	3 31 51	21°30'45	5♋55	3° 7	16°10	2°31	1°22	26°21	3°56	8° 2	25°33	6°57	7°51	14°29	5°29	T 14
F 15	3 35 47	22°31'13	18°45	4°39	17°25	3°11	1°31	26°19	3°57	8° 1	25°32	6°54	7°48	14°36	5°26	F 15
S 16	3 39 44	23°31'42	1♌48	6° 9	18°41	3°52	1°40	26°18	3°59	7°59	25°31	6°D52	7°45	14°43	5°24	S 16
S 17	3 43 40	24°32'14	15° 7	7°40	19°56	4°32	1°49	26°16	4° 0	7°57	25°30	6°52	7°42	14°49	5°21	S 17
M18	3 47 37	25°32'47	28°45	9°10	21°12	5°12	1°59	26°15	4° 1	7°56	25°29	6°R52	7°39	14°56	5°18	M18
T 19	3 51 33	26°33'21	12♍43	10°40	22°27	5°52	2° 8	26°14	4° 2	7°54	25°28	6°51	7°36	15° 3	5°15	T 19
W20	3 55 30	27°33'58	27° 1	12° 9	23°43	6°33	2°18	26°13	4° 3	7°53	25°27	6°48	7°32	15° 9	5°13	W20
T 21	3 59 26	28°34'36	11♎37	13°38	24°58	7°13	2°27	26°12	4° 5	7°51	25°26	6°42	7°29	15°16	5°10	T 21
F 22	4 3 23	29°35'16	26°28	15° 7	26°13	7°54	2°37	26°11	4° 6	7°49	25°24	6°34	7°26	15°23	5° 7	F 22
S 23	4 7 20	0♐35'58	11♏25	16°35	27°29	8°34	2°47	26°10	4° 7	7°48	25°23	6°24	7°23	15°30	5° 5	S 23
S 24	4 11 16	1°36'41	26°20	18° 3	28°44	9°15	2°57	26°10	4° 7	7°46	25°22	6°14	7°20	15°36	5° 2	S 24
M25	4 15 13	2°37'25	11♐ 3	19°30	29°59	9°55	3° 7	26° 9	4° 8	7°45	25°21	6° 4	7°17	15°43	4°59	M25
T 26	4 19 9	3°38'11	25°27	20°56	1♐15	10°36	3°17	26° 9	4° 9	7°43	25°20	5°56	7°13	15°50	4°57	T 26
W27	4 23 6	4°38'59	9♑25	22°22	2°31	11°16	3°28	26° 8	4°10	7°42	25°19	5°50	7°10	15°56	4°54	W27
T 28	4 27 2	5°39'47	22°56	23°47	3°46	11°57	3°38	26° 8	4°11	7°40	25°18	5°47	7° 7	16° 3	4°52	T 28
F 29	4 30 59	6°40'36	6♒ 1	25°11	5° 2	12°38	3°49	26°D 8	4°11	7°39	25°17	5°D46	7° 4	16°10	4°49	F 29
S 30	4 34 56	7♐41'26	18♒41	26♐34	6♐17	13♏18	4♒ 0	26♓ 8	4♍12	7♉38	25♉16	5♒47	7♒ 1	16♈17	4♉47	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s20	21s32	0s57	15s56	0s13	10s17	1n14	8s40	0n39	20s54	0s41	3s34	2s31	10n54	0n44	12n34	1s50	5n27	14s 9	18s 6	18s 8	9n26	12n40	0s58
S 2	14 39	17 28	0n 9	16 31	0 20	10 44	1 12	8 55	0 39	20 53	0 41	3 35	2 31	10 53	0 44	12 34	1 50	5 26	14 9	18 6	18 9	9 29	12 39	0 58
S 3	14 58	12 47	1 14	17 6	0 27	11 12	1 11	9 10	0 38	20 51	0 41	3 36	2 31	10 53	0 44	12 33	1 50	5 26	14 9	18 6	18 10	9 32	12 38	0 58
M 4	15 17	7 41	2 13	17 39	0 33	11 39	1 9	9 25	0 38	20 50	0 41	3 37	2 30	10 52	0 44	12 33	1 50	5 26	14 9	18 6	18 11	9 34	12 37	0 58
T 5	15 35	2 23	3 6	18 11	0 40	12 5	1 8	9 39	0 37	20 48	0 41	3 38	2 30	10 51	0 44	12 32	1 50	5 26	14 9	18 7	18 12	9 37	12 35	0 58
W 6	15 54	2n57	3 51	18 43	0 46	12 32	1 6	9 54	0 37	20 46	0 41	3 38	2 30	10 51	0 44	12 32	1 50	5 25	14 9	18 9	18 12	9 40	12 34	0 58
T 7	16 12	8 11	4 25	19 13	0 53	12 58	1 4	10 9	0 36	20 45	0 41	3 39	2 30	10 50	0 44	12 31	1 50	5 25	14 9	18 12	18 13	9 43	12 33	0 58
F 8	16 29	13 8	4 48	19 43	0 59	13 24	1 3	10 24	0 36	20 43	0 41	3 40	2 30	10 49	0 45	12 30	1 50	5 25	14 10	18 15	18 14	9 46	12 32	0 58
S 9	16 47	17 37	4 59	20 12	1 5	13 49	1 1	10 38	0 35	20 41	0 41	3 41	2 29	10 49	0 45	12 30	1 50	5 25	14 10	18 18	18 15	9 49	12 31	0 58
S 10	17 4	21 27	4 56	20 39	1 11	14 15	0 59	10 53	0 35	20 39	0 41	3 41	2 29	10 48	0 45	12 29	1 50	5 24	14 10	18 22	18 16	9 52	12 30	0 59
M11	17 21	24 23	4 40	21 6	1 17	14 39	0 57	11 7	0 34	20 37	0 41	3 42	2 29	10 48	0 45	12 29	1 50	5 24	14 10	18 26	18 17	9 55	12 29	0 59
T 12	17 37	26 13	4 10	21 32	1 23	15 4	0 56	11 22	0 34	20 36	0 41	3 42	2 29	10 47	0 45	12 28	1 50	5 24	14 10	18 29	18 17	9 58	12 28	0 59
W13	17 53	26 46	3 29	21 56	1 28	15 28	0 54	11 36	0 33	20 34	0 41	3 43	2 29	10 47	0 45	12 28	1 50	5 24	14 10	18 31	18 18	10 1	12 27	0 59
T 14	18 9	25 55	2 36	22 20	1 34	15 52	0 52	11 50	0 33	20 32	0 40	3 43	2 28	10 46	0 45	12 27	1 50	5 23	14 10	18 33	18 19	10 4	12 26	0 59
F 15	18 25	23 42	1 34	22 42	1 39	16 15	0 50	12 5	0 33	20 30	0 40	3 44	2 28	10 46	0 45	12 27	1 50	5 23	14 10	18 34	18 20	10 7	12 25	0 59
S 16	18 40	20 13	0 27	23 3	1 44	16 38	0 48	12 19	0 32	20 28	0 40	3 44	2 28	10 45	0 45	12 26	1 50	5 23	14 10	18 34	18 21	10 10	12 24	0 59
S 17	18 55	15 37	0s44	23 24	1 49	17 0	0 46	12 33	0 32	20 26	0 40	3 45	2 28	10 45	0 45	12 26	1 50	5 23	14 10	18 34	18 21	10 13	12 23	0 59
M18	19 10	10 9	1 53	23 43	1 53	17 22	0 44	12 47	0 31	20 23	0 40	3 45	2 28	10 44	0 45	12 25	1 50	5 22	14 9	18 34	18 22	10 16	12 22	0 59
T 19	19 24	4 3	2 58	24 0	1 58	17 44	0 42	13 1	0 31	20 21	0 40	3 45	2 27	10 44	0 45	12 25	1 50	5 22	14 9	18 34	18 23	10 19	12 21	0 59
W20	19 38	2s23	3 53	24 17	2 2	18 5	0 39	13 14	0 30	20 19	0 40	3 45	2 27	10 44	0 45	12 24	1 50	5 22	14 9	18 35	18 24	10 22	12 20	0 59
T 21	19 51	8 48	4 34	24 32	2 6	18 25	0 37	13 28	0 30	20 17	0 40	3 46	2 27	10 43	0 45	12 24	1 50	5 22	14 9	18 37	18 25	10 25	12 19	0 59
F 22	20 5	14 50	4 58	24 46	2 9	18 45	0 35	13 42	0 29	20 15	0 40	3 46	2 27	10 43	0 45	12 23	1 50	5 22	14 9	18 39	18 26	10 27	12 18	0 59
S 23	20 17	20 2	5 1	24 59	2 13	19 5	0 33	13 55	0 29	20 12	0 40	3 46	2 27	10 43	0 45	12 23	1 50	5 21	14 9	18 41	18 26	10 30	12 17	0 59
S 24	20 30	23 57	4 44	25 10	2 16	19 24	0 31	14 8	0 28	20 10	0 40	3 46	2 26	10 42	0 45	12 22	1 50	5 21	14 9	18 44	18 27	10 33	12 16	1 0
M25	20 42	26 13	4 9	25 20	2 18	19 42	0 28	14 22	0 28	20 8	0 40	3 46	2 26	10 42	0 45	12 22	1 50	5 21	14 9	18 46	18 28	10 36	12 16	1 0
T 26	20 54	26 40	3 18	25 29	2 20	20 0	0 26	14 35	0 27	20 5	0 40	3 46	2 26	10 42	0 45	12 22	1 50	5 21	14 9	18 48	18 29	10 39	12 15	1 0
W27	21 5	25 23	2 16	25 36	2 22	20 17	0 24	14 48	0 27	20 3	0 40	3 46	2 26	10 42	0 45	12 21	1 50	5 21	14 9	18 50	18 30	10 42	12 14	1 0
T 28	21 16	22 37	1 8	25 42	2 23	20 34	0 21	15 1	0 26	20 0	0 40	3 46	2 26	10 41	0 45	12 21	1 50	5 20	14 9	18 50	18 30	10 45	12 13	1 0
F 29	21 26	18 46	0n 1	25 46	2 24	20 50	0 19	15 14	0 25	19 58	0 40	3 46	2 25	10 41	0 45	12 20	1 50	5 20	14 9	18 50	18 31	10 48	12 12	1 0
S 30	21s36	14s 9	1n 9	25s49	2s25	21s 6	0n17	15s27	0n25	19s55	0s40	3s45	2s25	10n41	0n45	12n20	1s50	5n20	14s 9	18s50	18s32	10n51	12n11	1s 0

Julian Day Number = 2407289.5, Delta T = -2.79 sec
Ecliptic obliquity = 23°27'24, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°02'54, Lahiri = 22°09'54

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ASTRODIENST EPHEMERIS for the year 1878
geocentric

DECEMBER 1878 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 38 52	8♐42'17	1♓ 1	27♐56	7♐33	13♏59	4♒11	26♓ 8	4♍12	7°R36	25°R14	5♒48	6♒57	16♈23	4°R45	S 1
M 2	4 42 49	9°43'08	13° 6	29°16	8°48	14°40	4°22	26° 8	4°13	7♉35	25♉13	5°R48	6°54	16°30	4♉42	M 2
T 3	4 46 45	10°44'01	25° 1	0♑35	10° 4	15°20	4°33	26° 9	4°13	7°34	25°12	5°47	6°51	16°37	4°40	T 3
W 4	4 50 42	11°44'54	6♈52	1°52	11°19	16° 1	4°44	26° 9	4°14	7°32	25°11	5°43	6°48	16°44	4°38	W 4
T 5	4 54 38	12°45'48	18°44	3° 6	12°35	16°42	4°55	26°10	4°14	7°31	25°10	5°37	6°45	16°50	4°36	T 5
F 6	4 58 35	13°46'43	0♉39	4°18	13°50	17°23	5° 6	26°10	4°14	7°30	25° 9	5°30	6°42	16°57	4°33	F 6
S 7	5 2 31	14°47'39	12°41	5°27	15° 6	18° 4	5°18	26°11	4°14	7°28	25° 8	5°20	6°38	17° 4	4°31	S 7
S 8	5 6 28	15°48'36	24°54	6°33	16°21	18°45	5°29	26°12	4°14	7°27	25° 7	5°10	6°35	17°10	4°29	S 8
M 9	5 10 25	16°49'33	7♊17	7°34	17°37	19°26	5°41	26°13	4°14	7°26	25° 6	5° 1	6°32	17°17	4°27	M 9
T 10	5 14 21	17°50'32	19°52	8°31	18°52	20° 7	5°53	26°14	4°R14	7°25	25° 5	4°53	6°29	17°24	4°25	T 10
W11	5 18 18	18°51'31	2♋38	9°23	20° 8	20°48	6° 4	26°15	4°14	7°23	25° 4	4°46	6°26	17°31	4°23	W11
T 12	5 22 14	19°52'31	15°36	10° 9	21°23	21°29	6°16	26°17	4°14	7°22	25° 3	4°42	6°23	17°37	4°21	T 12
F 13	5 26 11	20°53'32	28°46	10°48	22°39	22°10	6°28	26°18	4°14	7°21	25° 2	4°D40	6°19	17°44	4°19	F 13
S 14	5 30 7	21°54'34	12♌ 6	11°20	23°54	22°51	6°40	26°19	4°14	7°20	25° 1	4°40	6°16	17°51	4°18	S 14
S 15	5 34 4	22°55'37	25°38	11°43	25°10	23°32	6°52	26°21	4°14	7°19	25° 0	4°42	6°13	17°57	4°16	S 15
M16	5 38 0	23°56'40	9♍22	11°56	26°25	24°13	7° 5	26°23	4°13	7°18	24°59	4°43	6°10	18° 4	4°14	M16
T 17	5 41 57	24°57'45	23°18	12°R 0	27°40	24°54	7°17	26°25	4°13	7°17	24°58	4°R44	6° 7	18°11	4°13	T 17
W18	5 45 54	25°58'50	7♎26	11°53	28°56	25°35	7°29	26°27	4°13	7°16	24°57	4°43	6° 3	18°18	4°11	W18
T 19	5 49 50	26°59'57	21°44	11°34	0♑11	26°17	7°42	26°29	4°12	7°15	24°56	4°41	6° 0	18°24	4° 9	T 19
F 20	5 53 47	28° 1'04	6♏10	11° 3	1°27	26°58	7°54	26°31	4°12	7°14	24°55	4°37	5°57	18°31	4° 8	F 20
S 21	5 57 43	29° 2'12	20°39	10°21	2°42	27°39	8° 7	26°33	4°11	7°13	24°54	4°32	5°54	18°38	4° 7	S 21
S 22	6 1 40	0♑ 3'21	5♐ 6	9°28	3°58	28°21	8°19	26°35	4°10	7°12	24°53	4°26	5°51	18°44	4° 5	S 22
M23	6 5 36	1° 4'30	19°25	8°25	5°13	29° 2	8°32	26°38	4°10	7°11	24°52	4°21	5°48	18°51	4° 4	M23
T 24	6 9 33	2° 5'40	3♑29	7°13	6°29	29°44	8°45	26°40	4° 9	7°11	24°52	4°16	5°44	18°58	4° 3	T 24
W25	6 13 29	3° 6'50	17°16	5°56	7°44	0♐25	8°58	26°43	4° 8	7°10	24°51	4°14	5°41	19° 5	4° 1	W25
T 26	6 17 26	4° 8'00	0♒41	4°34	9° 0	1° 7	9°11	26°46	4° 7	7° 9	24°50	4°D12	5°38	19°11	4° 0	T 26
F 27	6 21 23	5° 9'10	13°43	3°12	10°15	1°48	9°24	26°49	4° 6	7° 8	24°49	4°13	5°35	19°18	3°59	F 27
S 28	6 25 19	6°10'21	26°25	1°52	11°31	2°30	9°37	26°52	4° 5	7° 8	24°48	4°14	5°32	19°25	3°58	S 28
S 29	6 29 16	7°11'31	8♓48	0°36	12°46	3°11	9°50	26°55	4° 4	7° 7	24°47	4°16	5°29	19°31	3°57	S 29
M30	6 33 12	8°12'41	20°57	29♐26	14° 2	3°53	10° 3	26°58	4° 3	7° 6	24°47	4°18	5°25	19°38	3°56	M30
T 31	6 37 9	9♑13'51	2♈55	28♐25	15♑17	4♐35	10♒16	27♓ 1	4♍ 2	7♉ 6	24♉46	4♒19	5♒22	19♈45	3♉55	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21s46	9s 5	2n11	25s51	2s25	21s21	0n14	15s39	0n24	19s53	0s40	3s45	2s25	10n41	0n46	12n19	1s50	5n20	14s 9	18s50	18s33	10n54	12n10	1s	0
M 2	21 55	3 47	3 6	25 51	2 24	21 35	0 12	15 52	0 24	19 50	0 40	3 45	2 25	10 41	0 46	12 19	1 50	5 20	14 9	18 50	18 34	10 56	12 9	1	0
T 3	22 4	1n35	3 52	25 50	2 22	21 49	0 10	16 4	0 23	19 48	0 40	3 45	2 24	10 41	0 46	12 19	1 50	5 20	14 8	18 50	18 34	10 59	12 9	1	0
W 4	22 13	6 50	4 28	25 47	2 20	22 2	0 7	16 17	0 23	19 45	0 40	3 44	2 24	10 41	0 46	12 18	1 50	5 20	14 8	18 51	18 35	11 2	12 8	1	0
T 5	22 21	11 51	4 53	25 43	2 18	22 14	0 5	16 29	0 22	19 42	0 40	3 44	2 24	10 41	0 46	12 18	1 50	5 19	14 8	18 53	18 36	11 5	12 7	1	0
F 6	22 28	16 28	5 5	25 37	2 14	22 26	0 3	16 41	0 22	19 39	0 40	3 43	2 24	10 40	0 46	12 17	1 50	5 19	14 8	18 55	18 37	11 8	12 6	1	0
S 7	22 35	20 28	5 3	25 30	2 10	22 37	0 0	16 53	0 21	19 37	0 40	3 43	2 24	10 40	0 46	12 17	1 50	5 19	14 8	18 57	18 38	11 11	12 6	1	0
S 8	22 42	23 40	4 48	25 22	2 5	22 48	0s 2	17 5	0 21	19 34	0 40	3 42	2 23	10 40	0 46	12 17	1 50	5 19	14 8	18 59	18 38	11 14	12 5	1	0
M 9	22 48	25 48	4 19	25 13	1 59	22 57	0 5	17 17	0 20	19 31	0 40	3 42	2 23	10 40	0 46	12 16	1 50	5 19	14 8	19 2	18 39	11 17	12 4	1	0
T 10	22 54	26 41	3 38	25 2	1 51	23 6	0 7	17 28	0 19	19 28	0 40	3 41	2 23	10 40	0 46	12 16	1 50	5 19	14 8	19 4	18 40	11 19	12 3	1	0
W11	22 59	26 10	2 44	24 50	1 43	23 15	0 9	17 40	0 19	19 25	0 40	3 40	2 23	10 41	0 46	12 16	1 50	5 19	14 7	19 5	18 41	11 22	12 3	1	0
T 12	23 4	24 13	1 41	24 37	1 34	23 22	0 12	17 51	0 18	19 22	0 40	3 40	2 22	10 41	0 46	12 15	1 50	5 19	14 7	19 6	18 42	11 25	12 2	1	0
F 13	23 9	20 57	0 32	24 24	1 23	23 29	0 14	18 2	0 18	19 19	0 40	3 39	2 22	10 41	0 46	12 15	1 49	5 19	14 7	19 7	18 42	11 28	12 1	1	0
S 14	23 13	16 32	0s40	24 9	1 11	23 35	0 17	18 13	0 17	19 16	0 40	3 38	2 22	10 41	0 46	12 15	1 49	5 19	14 7	19 7	18 43	11 31	12 1	1	1
S 15	23 16	11 14	1 51	23 54	0 58	23 41	0 19	18 24	0 17	19 13	0 40	3 37	2 22	10 41	0 46	12 14	1 49	5 19	14 7	19 6	18 44	11 34	12 0	1	1
M16	23 19	5 20	2 57	23 38	0 43	23 46	0 21	18 35	0 16	19 10	0 40	3 36	2 22	10 41	0 46	12 14	1 49	5 19	14 7	19 6	18 45	11 37	11 59	1	1
T 17	23 22	0s55	3 53	23 22	0 28	23 50	0 24	18 45	0 15	19 7	0 40	3 35	2 21	10 41	0 46	12 14	1 49	5 18	14 6	19 6	18 45	11 39	11 59	1	1
W18	23 24	7 11	4 36	23 6	0 11	23 53	0 26	18 56	0 15	19 4	0 40	3 34	2 21	10 42	0 46	12 13	1 49	5 18	14 6	19 6	18 46	11 42	11 58	1	1
T 19	23 25	13 9	5 3	22 50	0n 7	23 56	0 28	19 6	0 14	19 1	0 40	3 33	2 21	10 42	0 46	12 13	1 49	5 18	14 6	19 6	18 47	11 45	11 58	1	1
F 20	23 27	18 28	5 10	22 33	0 26	23 57	0 30	19 16	0 14	18 57	0 40	3 32	2 21	10 42	0 46	12 13	1 49	5 18	14 6	19 7	18 48	11 48	11 57	1	1
S 21	23 27	22 43	4 59	22 17	0 46	23 58	0 33	19 26	0 13	18 54	0 40	3 31	2 20	10 42	0 46	12 13	1 49	5 18	14 6	19 9	18 49	11 51	11 57	1	1
S 22	23 27	25 33	4 28	22 1	1 6	23 59	0 35	19 36	0 12	18 51	0 40	3 30	2 20	10 43	0 46	12 12	1 49	5 18	14 5	19 10	18 49	11 54	11 56	1	1
M23	23 27	26 41	3 40	21 46	1 26	23 58	0 37	19 46	0 12	18 47	0 40	3 29	2 20	10 43	0 47	12 12	1 49	5 18	14 5	19 11	18 50	11 56	11 56	1	1
T 24	23 26	26 4	2 40	21 31	1 45	23 57	0 39	19 56	0 11	18 44	0 40	3 28	2 20	10 43	0 47	12 12	1 49	5 18	14 5	19 12	18 51	11 59	11 55	1	1
W25	23 25	23 51	1 31	21 17	2 3	23 55	0 41	20 5	0 11	18 41	0 40	3 26	2 20	10 43	0 47	12 12	1 49	5 18	14 5	19 13	18 52	12 2	11 55	1	1
T 26	23 24	20 20	0 19	21 3	2 20	23 52	0 44	20 14	0 10	18 37	0 40	3 25	2 19	10 44	0 47	12 12	1 49	5 18	14 5	19 13	18 53	12 5	11 54	1	1
F 27	23 21	15 53	0n52	20 51	2 34	23 49	0 46	20 23	0 9	18 34	0 41	3 24	2 19	10 44	0 47	12 11	1 49	5 18	14 4	19 13	18 53	12 8	11 54	1	1
S 28	23 19	10 51	1 59	20 40	2 47	23 45	0 48	20 32	0 9	18 30	0 41	3 22	2 19	10 45	0 47	12 11	1 49	5 18	14 4	19 13	18 54	12 10	11 54	1	1
S 29	23 16	5 31	2 58	20 31	2 57	23 40	0 50	20 41	0 8	18 27	0 41	3 21	2 19	10 45	0 47	12 11	1 49	5 19	14 4	19 12	18 55	12 13	11 53	1	1
M30	23 12	0 5	3 49	20 23	3 4	23 34	0 52	20 49	0 7	18 23	0 41	3 20	2 18	10 45	0 47	12 11	1 49	5 19	14 4	19 12	18 56	12 16	11 53	1	1
T 31	23s 8	5n16	4n29	20s18	3n 9	23s28	0s54	20s58	0n 7	18s20	0s41	3s18	2s18	10n46	0n47	12n11	1s49	5n19	14s 3	19s12	18s56	12n19	11n53	1s	1

Julian Day Number = 2407319.5, Delta T = -2.82 sec
Ecliptic obliquity = 23°27'23, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°02'58, Lahiri = 22°09'58

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1879
geocentric

JANUARY 1879 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 41 5	10♑15'01	14♈47	27°R33	16♑33	5♐16	10♒30	27♓ 4	4°R 1	7°R 5	24°R45	4°R19	5♒19	19♈52	3°R55	W 1
T 2	6 45 2	11°16'10	26°40	26♐51	17°48	5°58	10°43	27° 8	4♍ 0	7♉ 5	24♉44	4♒18	5°16	19°58	3♉54	T 2
F 3	6 48 58	12°17'20	8♉36	26°19	19° 4	6°40	10°57	27°11	3°58	7° 4	24°44	4°16	5°13	20° 5	3°53	F 3
S 4	6 52 55	13°18'29	20°41	25°57	20°19	7°21	11°10	27°15	3°57	7° 4	24°43	4°13	5° 9	20°12	3°53	S 4
S 5	6 56 52	14°19'37	2♊58	25°46	21°34	8° 3	11°23	27°19	3°56	7° 3	24°42	4° 9	5° 6	20°18	3°52	S 5
M 6	7 0 48	15°20'46	15°29	25°D43	22°50	8°45	11°37	27°22	3°54	7° 3	24°42	4° 6	5° 3	20°25	3°52	M 6
T 7	7 4 45	16°21'54	28°17	25°50	24° 5	9°27	11°51	27°26	3°53	7° 2	24°41	4° 4	5° 0	20°32	3°51	T 7
W 8	7 8 41	17°23'02	11♋21	26° 4	25°21	10° 9	12° 4	27°30	3°51	7° 2	24°40	4° 2	4°57	20°39	3°51	W 8
T 9	7 12 38	18°24'10	24°42	26°26	26°36	10°51	12°18	27°34	3°50	7° 2	24°40	4° 1	4°54	20°45	3°51	T 9
F 10	7 16 34	19°25'17	8♌17	26°54	27°51	11°33	12°32	27°38	3°48	7° 1	24°39	4°D 0	4°50	20°52	3°50	F 10
S 11	7 20 31	20°26'24	22° 5	27°29	29° 7	12°15	12°45	27°43	3°46	7° 1	24°38	4° 1	4°47	20°59	3°50	S 11
S 12	7 24 28	21°27'31	6♍ 2	28° 9	0♒22	12°57	12°59	27°47	3°45	7° 1	24°38	4° 2	4°44	21° 6	3°50	S 12
M13	7 28 24	22°28'38	20° 7	28°54	1°37	13°39	13°13	27°51	3°43	7° 1	24°37	4° 3	4°41	21°12	3°D50	M13
T 14	7 32 21	23°29'44	4♎16	29°43	2°53	14°21	13°27	27°56	3°41	7° 1	24°37	4° 4	4°38	21°19	3°50	T 14
W15	7 36 17	24°30'51	18°27	0♑36	4° 8	15° 3	13°41	28° 1	3°39	7° 1	24°36	4°R 4	4°35	21°26	3°50	W15
T 16	7 40 14	25°31'57	2♏38	1°33	5°23	15°45	13°55	28° 5	3°37	7° 0	24°36	4° 4	4°31	21°32	3°50	T 16
F 17	7 44 10	26°33'03	16°47	2°33	6°39	16°27	14° 9	28°10	3°36	7°D 0	24°35	4° 4	4°28	21°39	3°50	F 17
S 18	7 48 7	27°34'09	0♐52	3°36	7°54	17° 9	14°23	28°15	3°34	7° 0	24°35	4° 3	4°25	21°46	3°51	S 18
S 19	7 52 3	28°35'14	14°50	4°41	9° 9	17°52	14°37	28°20	3°32	7° 1	24°35	4° 2	4°22	21°53	3°51	S 19
M20	7 56 0	29°36'19	28°38	5°49	10°25	18°34	14°51	28°25	3°30	7° 1	24°34	4° 2	4°19	21°59	3°51	M20
T 21	7 59 57	0♒37'24	12♑15	6°59	11°40	19°16	15° 5	28°30	3°28	7° 1	24°34	4° 1	4°15	22° 6	3°52	T 21
W22	8 3 53	1°38'28	25°38	8°11	12°55	19°59	15°19	28°35	3°26	7° 1	24°33	4° 1	4°12	22°13	3°52	W22
T 23	8 7 50	2°39'31	8♒45	9°25	14°11	20°41	15°33	28°40	3°23	7° 1	24°33	4°D 1	4° 9	22°19	3°53	T 23
F 24	8 11 46	3°40'33	21°37	10°40	15°26	21°23	15°48	28°45	3°21	7° 1	24°33	4°R 1	4° 6	22°26	3°53	F 24
S 25	8 15 43	4°41'34	4♓12	11°57	16°41	22° 6	16° 2	28°51	3°19	7° 1	24°32	4° 1	4° 3	22°33	3°54	S 25
S 26	8 19 39	5°42'34	16°33	13°15	17°56	22°48	16°16	28°56	3°17	7° 2	24°32	4° 1	4° 0	22°40	3°55	S 26
M27	8 23 36	6°43'34	28°42	14°34	19°11	23°31	16°30	29° 1	3°15	7° 2	24°32	4° 1	3°56	22°46	3°56	M27
T 28	8 27 32	7°44'32	10♈41	15°55	20°27	24°13	16°45	29° 7	3°12	7° 2	24°32	4° 0	3°53	22°53	3°56	T 28
W29	8 31 29	8°45'28	22°34	17°17	21°42	24°56	16°59	29°13	3°10	7° 3	24°31	4° 0	3°50	23° 0	3°57	W29
T 30	8 35 26	9°46'24	4♉27	18°40	22°57	25°38	17°13	29°18	3° 8	7° 3	24°31	4°D 0	3°47	23° 6	3°58	T 30
F 31	8 39 22	10♒47'18	16♉22	20♑ 4	24♒12	26♐21	17♒27	29♓24	3♍ 5	7♉ 4	24♉31	4♒ 0	3♒44	23♈13	3♉59	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 4	10n23	4n56	20s14	3n12	23s21	0s56	21s 6	0n 6	18s16	0s41	3s17	2s18	10n46	0n47	12n11	1s49	5n19	14s 3	19s12	18s57	12n22	11n52	1s 1
T 2	22 59	15 7	5 12	20 13	3 13	23 13	0 57	21 14	0 5	18 13	0 41	3 15	2 18	10 47	0 47	12 11	1 48	5 19	14 3	19 12	18 58	12 24	11 52	1 1
F 3	22 53	19 19	5 14	20 13	3 11	23 5	0 59	21 22	0 5	18 9	0 41	3 13	2 18	10 47	0 47	12 10	1 48	5 19	14 3	19 12	18 59	12 27	11 52	1 1
S 4	22 47	22 47	5 2	20 15	3 8	22 55	1 1	21 29	0 4	18 5	0 41	3 12	2 17	10 48	0 47	12 10	1 48	5 19	14 2	19 13	19 0	12 30	11 52	1 1
S 5	22 41	25 16	4 36	20 19	3 4	22 46	1 3	21 37	0 3	18 2	0 41	3 10	2 17	10 48	0 47	12 10	1 48	5 19	14 2	19 14	19 0	12 33	11 51	1 1
M 6	22 34	26 35	3 56	20 25	2 58	22 35	1 5	21 44	0 3	17 58	0 41	3 8	2 17	10 49	0 47	12 10	1 48	5 19	14 2	19 15	19 1	12 35	11 51	1 1
T 7	22 27	26 31	3 5	20 32	2 52	22 24	1 6	21 51	0 2	17 54	0 41	3 7	2 17	10 49	0 47	12 10	1 48	5 19	14 2	19 15	19 2	12 38	11 51	1 1
W 8	22 20	25 0	2 2	20 40	2 44	22 12	1 8	21 58	0 1	17 50	0 41	3 5	2 17	10 50	0 47	12 10	1 48	5 19	14 1	19 16	19 3	12 41	11 51	1 1
T 9	22 11	22 2	0 51	20 48	2 36	21 59	1 9	22 4	0 1	17 47	0 41	3 3	2 16	10 51	0 47	12 10	1 48	5 19	14 1	19 16	19 3	12 44	11 51	1 1
F 10	22 3	17 50	0s24	20 57	2 28	21 46	1 11	22 11	0 0	17 43	0 41	3 1	2 16	10 51	0 47	12 10	1 48	5 20	14 1	19 16	19 4	12 46	11 51	1 1
S 11	21 54	12 36	1 38	21 7	2 19	21 32	1 12	22 17	0s 1	17 39	0 41	2 59	2 16	10 52	0 47	12 10	1 48	5 20	14 1	19 16	19 5	12 49	11 51	1 1
S 12	21 45	6 42	2 48	21 17	2 10	21 17	1 14	22 23	0 1	17 35	0 41	2 58	2 16	10 53	0 47	12 10	1 48	5 20	14 0	19 16	19 6	12 52	11 50	1 1
M13	21 35	0 25	3 48	21 27	2 0	21 2	1 15	22 29	0 2	17 31	0 41	2 56	2 16	10 53	0 47	12 10	1 48	5 20	14 0	19 15	19 6	12 55	11 50	1 1
T 14	21 25	5s54	4 35	21 37	1 51	20 46	1 16	22 35	0 3	17 27	0 41	2 54	2 16	10 54	0 47	12 10	1 48	5 20	14 0	19 15	19 7	12 57	11 50	1 1
W15	21 14	11 56	5 5	21 46	1 41	20 30	1 18	22 40	0 3	17 23	0 41	2 52	2 15	10 55	0 47	12 10	1 48	5 20	14 0	19 15	19 8	13 0	11 50	1 1
T 16	21 3	17 21	5 17	21 55	1 31	20 13	1 19	22 46	0 4	17 19	0 41	2 50	2 15	10 55	0 47	12 10	1 48	5 20	13 59	19 15	19 9	13 3	11 50	1 2
F 17	20 52	21 48	5 9	22 4	1 22	19 55	1 20	22 51	0 5	17 15	0 41	2 48	2 15	10 56	0 47	12 10	1 48	5 21	13 59	19 15	19 9	13 6	11 50	1 2
S 18	20 40	24 57	4 43	22 12	1 12	19 37	1 21	22 56	0 6	17 11	0 41	2 46	2 15	10 57	0 47	12 10	1 47	5 21	13 59	19 15	19 10	13 8	11 51	1 2
S 19	20 28	26 34	4 0	22 20	1 3	19 18	1 22	23 0	0 6	17 7	0 41	2 43	2 15	10 58	0 48	12 10	1 47	5 21	13 58	19 16	19 11	13 11	11 51	1 2
M20	20 15	26 31	3 4	22 27	0 53	18 59	1 23	23 5	0 7	17 3	0 41	2 41	2 15	10 58	0 48	12 10	1 47	5 21	13 58	19 16	19 12	13 14	11 51	1 2
T 21	20 2	24 51	1 58	22 33	0 44	18 39	1 24	23 9	0 8	16 59	0 41	2 39	2 14	10 59	0 48	12 10	1 47	5 21	13 58	19 16	19 12	13 16	11 51	1 2
W22	19 49	21 48	0 46	22 38	0 35	18 18	1 25	23 13	0 9	16 55	0 41	2 37	2 14	11 0	0 48	12 11	1 47	5 22	13 57	19 16	19 13	13 19	11 51	1 2
T 23	19 35	17 40	0n26	22 42	0 26	17 57	1 26	23 17	0 9	16 51	0 42	2 35	2 14	11 1	0 48	12 11	1 47	5 22	13 57	19 16	19 14	13 22	11 51	1 2
F 24	19 21	12 48	1 36	22 45	0 17	17 36	1 26	23 21	0 10	16 46	0 42	2 33	2 14	11 1	0 48	12 11	1 47	5 22	13 57	19 16	19 15	13 25	11 51	1 2
S 25	19 6	7 30	2 40	22 47	0 8	17 14	1 27	23 24	0 11	16 42	0 42	2 30	2 14	11 2	0 48	12 11	1 47	5 22	13 57	19 16	19 15	13 27	11 52	1 2
S 26	18 51	2 1	3 35	22 48	0s 0	16 51	1 28	23 27	0 11	16 38	0 42	2 28	2 14	11 3	0 48	12 11	1 47	5 23	13 56	19 16	19 16	13 30	11 52	1 2
M27	18 36	3n26	4 19	22 48	0 8	16 28	1 28	23 30	0 12	16 34	0 42	2 26	2 13	11 4	0 48	12 11	1 47	5 23	13 56	19 16	19 17	13 33	11 52	1 2
T 28	18 21	8 42	4 51	22 47	0 17	16 5	1 29	23 33	0 13	16 30	0 42	2 23	2 13	11 5	0 48	12 11	1 47	5 23	13 56	19 16	19 18	13 35	11 52	1 2
W29	18 5	13 35	5 11	22 44	0 24	15 41	1 29	23 35	0 14	16 25	0 42	2 21	2 13	11 6	0 48	12 12	1 47	5 23	13 55	19 16	19 18	13 38	11 53	1 2
T 30	17 49	17 59	5 17	22 41	0 32	15 17	1 29	23 38	0 15	16 21	0 42	2 19	2 13	11 6	0 48	12 12	1 47	5 24	13 55	19 16	19 19	13 41	11 53	1 2
F 31	17s32	21n41	5n10	22s36	0s39	14s52	1s30	23s40	0s15	16s17	0s42	2s16	2s13	11n 7	0n48	12n12	1s47	5n24	13s55	19s16	19s20	13n43	11n53	1s 2

Julian Day Number = 2407350.5, Delta T = -2.85 sec
Ecliptic obliquity = 23°27'23, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°03'02, Lahiri = 22°10'02

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ASTRODIENST EPHEMERIS for the year 1879
geocentric

FEBRUARY 1879 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 43 19	11♒48'11	28♉26	21♑29	25♒27	27♐ 4	17♒42	29♓30	3°R 3	7♉ 4	24°R31	4♒ 0	3♒41	23♈20	4♉ 1	S 1
S 2	8 47 15	12°49'03	10♊42	22°55	26°42	27°46	17°56	29°36	3♍ 1	7° 5	24♉31	4° 1	3°37	23°27	4° 2	S 2
M 3	8 51 12	13°49'53	23°15	24°21	27°57	28°29	18°10	29°42	2°58	7° 5	24°31	4° 2	3°34	23°33	4° 3	M 3
T 4	8 55 8	14°50'42	6♋ 8	25°49	29°12	29°12	18°25	29°48	2°56	7° 6	24°31	4° 3	3°31	23°40	4° 4	T 4
W 5	8 59 5	15°51'30	19°22	27°18	0♓28	29°54	18°39	29°54	2°53	7° 7	24°31	4° 4	3°28	23°47	4° 6	W 5
T 6	9 3 1	16°52'16	2♌59	28°47	1°43	0♑37	18°54	29°59	2°51	7° 7	24°30	4°R 4	3°25	23°54	4° 7	T 6
F 7	9 6 58	17°53'01	16°57	0♒18	2°58	1°20	19° 8	0♈ 6	2°48	7° 8	24°D30	4° 4	3°21	24° 0	4° 8	F 7
S 8	9 10 55	18°53'45	1♍13	1°49	4°12	2° 3	19°22	0°12	2°46	7° 9	24°30	4° 3	3°18	24° 7	4°10	S 8
S 9	9 14 51	19°54'27	15°40	3°21	5°27	2°46	19°37	0°18	2°43	7° 9	24°30	4° 1	3°15	24°14	4°11	S 9
M10	9 18 48	20°55'08	0♎15	4°54	6°42	3°29	19°51	0°25	2°41	7°10	24°31	3°59	3°12	24°20	4°13	M10
T 11	9 22 44	21°55'48	14°49	6°27	7°57	4°12	20° 5	0°31	2°38	7°11	24°31	3°56	3° 9	24°27	4°15	T 11
W12	9 26 41	22°56'27	29°18	8° 2	9°12	4°55	20°20	0°38	2°36	7°12	24°31	3°54	3° 6	24°34	4°16	W12
T 13	9 30 37	23°57'04	13♏37	9°37	10°27	5°38	20°34	0°44	2°33	7°13	24°31	3°53	3° 2	24°41	4°18	T 13
F 14	9 34 34	24°57'41	27°44	11°14	11°42	6°21	20°48	0°51	2°30	7°14	24°31	3°D53	2°59	24°47	4°20	F 14
S 15	9 38 30	25°58'16	11♐36	12°51	12°57	7° 4	21° 3	0°57	2°28	7°15	24°31	3°54	2°56	24°54	4°22	S 15
S 16	9 42 27	26°58'51	25°14	14°29	14°11	7°47	21°17	1° 4	2°25	7°16	24°31	3°55	2°53	25° 1	4°24	S 16
M17	9 46 24	27°59'24	8♑37	16° 8	15°26	8°30	21°31	1°10	2°23	7°17	24°31	3°56	2°50	25° 7	4°26	M17
T 18	9 50 20	28°59'56	21°48	17°47	16°41	9°13	21°46	1°17	2°20	7°18	24°32	3°58	2°47	25°14	4°28	T 18
W19	9 54 17	0♓ 0'26	4♒45	19°28	17°56	9°56	22° 0	1°24	2°17	7°19	24°32	3°R58	2°43	25°21	4°30	W19
T 20	9 58 13	1° 0'55	17°31	21°10	19°10	10°39	22°14	1°31	2°15	7°20	24°32	3°58	2°40	25°28	4°32	T 20
F 21	10 2 10	2° 1'22	0♓ 5	22°52	20°25	11°22	22°29	1°37	2°12	7°21	24°32	3°55	2°37	25°34	4°34	F 21
S 22	10 6 6	3° 1'47	12°28	24°36	21°40	12° 6	22°43	1°44	2° 9	7°22	24°33	3°52	2°34	25°41	4°37	S 22
S 23	10 10 3	4° 2'11	24°42	26°21	22°54	12°49	22°57	1°51	2° 7	7°23	24°33	3°47	2°31	25°48	4°39	S 23
M24	10 13 59	5° 2'33	6♈46	28° 6	24° 9	13°32	23°11	1°58	2° 4	7°25	24°33	3°41	2°27	25°55	4°41	M24
T 25	10 17 56	6° 2'53	18°43	29°53	25°24	14°15	23°26	2° 5	2° 1	7°26	24°34	3°35	2°24	26° 1	4°44	T 25
W26	10 21 53	7° 3'11	0♉36	1♓40	26°38	14°59	23°40	2°12	1°59	7°27	24°34	3°29	2°21	26° 8	4°46	W26
T 27	10 25 49	8° 3'27	12°28	3°29	27°53	15°42	23°54	2°19	1°56	7°29	24°35	3°25	2°18	26°15	4°49	T 27
F 28	10 29 46	9♓ 3'42	24♉21	5♓18	29♓ 7	16♑26	24♒ 8	2♈26	1♍54	7♉30	24♉35	3♒22	2♒15	26♈21	4♉51	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	17s16	24n31	4n49	22s30	0s46	14s27	1s30	23s42	0s16	16s12	0s42	2s14	2s13	11n 8	0n48	12n12	1s47	5n24	13s54	19s16	19s21	13n46	11n54	1s 2	S 1
S 2	16 59	26 16	4 14	22 23	0 53	14 2	1 30	23 43	0 17	16 8	0 42	2 11	2 13	11 9	0 48	12 12	1 47	5 24	13 54	19 16	19 21	13 49	11 54	1 2	S 2
M 3	16 41	26 44	3 27	22 15	1 0	13 36	1 30	23 45	0 18	16 4	0 42	2 9	2 12	11 10	0 48	12 13	1 47	5 25	13 54	19 16	19 22	13 51	11 54	1 2	M 3
T 4	16 24	25 47	2 29	22 5	1 6	13 10	1 30	23 46	0 18	15 59	0 42	2 6	2 12	11 11	0 48	12 13	1 46	5 25	13 53	19 15	19 23	13 54	11 55	1 2	T 4
W 5	16 6	23 23	1 20	21 54	1 12	12 43	1 30	23 47	0 19	15 55	0 42	2 4	2 12	11 12	0 48	12 13	1 46	5 25	13 53	19 15	19 24	13 57	11 55	1 2	W 5
T 6	15 47	19 36	0 6	21 41	1 18	12 16	1 30	23 47	0 20	15 51	0 42	2 1	2 12	11 13	0 48	12 13	1 46	5 26	13 53	19 15	19 24	13 59	11 56	1 2	T 6
F 7	15 29	14 39	1s11	21 28	1 24	11 49	1 30	23 48	0 21	15 46	0 42	1 59	2 12	11 14	0 48	12 14	1 46	5 26	13 53	19 15	19 25	14 2	11 56	1 2	F 7
S 8	15 10	8 48	2 24	21 13	1 29	11 22	1 30	23 48	0 22	15 42	0 43	1 56	2 12	11 15	0 48	12 14	1 46	5 26	13 52	19 16	19 26	14 5	11 57	1 2	S 8
S 9	14 51	2 25	3 30	20 57	1 34	10 54	1 29	23 48	0 22	15 37	0 43	1 53	2 12	11 15	0 48	12 14	1 46	5 26	13 52	19 16	19 27	14 7	11 57	1 2	S 9
M10	14 32	4s 7	4 22	20 39	1 38	10 26	1 29	23 48	0 23	15 33	0 43	1 51	2 12	11 16	0 48	12 15	1 46	5 27	13 52	19 16	19 27	14 10	11 58	1 2	M10
T 11	14 13	10 25	4 58	20 20	1 43	9 57	1 28	23 47	0 24	15 28	0 43	1 48	2 11	11 17	0 48	12 15	1 46	5 27	13 51	19 17	19 28	14 13	11 58	1 2	T 11
W12	13 53	16 7	5 14	19 59	1 47	9 29	1 28	23 47	0 25	15 24	0 43	1 46	2 11	11 18	0 48	12 15	1 46	5 27	13 51	19 17	19 29	14 15	11 59	1 2	W12
T 13	13 33	20 52	5 11	19 38	1 50	9 0	1 27	23 46	0 26	15 19	0 43	1 43	2 11	11 19	0 48	12 16	1 46	5 28	13 51	19 18	19 30	14 18	11 59	1 2	T 13
F 14	13 13	24 21	4 48	19 15	1 54	8 31	1 27	23 45	0 27	15 15	0 43	1 40	2 11	11 20	0 48	12 16	1 46	5 28	13 50	19 18	19 30	14 20	12 0	1 2	F 14
S 15	12 52	26 19	4 10	18 50	1 57	8 1	1 26	23 43	0 27	15 10	0 43	1 37	2 11	11 21	0 48	12 16	1 46	5 28	13 50	19 18	19 31	14 23	12 1	1 2	S 15
S 16	12 32	26 39	3 17	18 24	1 59	7 32	1 25	23 42	0 28	15 6	0 43	1 35	2 11	11 22	0 48	12 17	1 46	5 29	13 50	19 17	19 32	14 26	12 1	1 2	S 16
M17	12 11	25 25	2 15	17 57	2 2	7 2	1 24	23 40	0 29	15 1	0 43	1 32	2 11	11 23	0 48	12 17	1 46	5 29	13 49	19 17	19 32	14 28	12 2	1 2	M17
T 18	11 50	22 47	1 6	17 28	2 4	6 32	1 23	23 38	0 30	14 57	0 43	1 29	2 11	11 24	0 48	12 18	1 46	5 30	13 49	19 17	19 33	14 31	12 2	1 2	T 18
W19	11 29	19 1	0n 4	16 58	2 5	6 2	1 22	23 36	0 31	14 52	0 43	1 26	2 11	11 25	0 48	12 18	1 46	5 30	13 49	19 17	19 34	14 33	12 3	1 2	W19
T 20	11 7	14 25	1 14	16 27	2 6	5 32	1 21	23 33	0 32	14 48	0 44	1 24	2 11	11 26	0 48	12 18	1 46	5 30	13 48	19 17	19 35	14 36	12 4	1 2	T 20
F 21	10 46	9 17	2 18	15 54	2 7	5 1	1 20	23 30	0 32	14 43	0 44	1 21	2 10	11 27	0 48	12 19	1 45	5 31	13 48	19 17	19 35	14 39	12 5	1 2	F 21
S 22	10 24	3 53	3 15	15 20	2 7	4 31	1 19	23 28	0 33	14 39	0 44	1 18	2 10	11 28	0 48	12 19	1 45	5 31	13 48	19 18	19 36	14 41	12 5	1 2	S 22
S 23	10 2	1n36	4 2	14 44	2 7	4 0	1 18	23 24	0 34	14 34	0 44	1 15	2 10	11 29	0 48	12 20	1 45	5 31	13 47	19 19	19 37	14 44	12 6	1 2	S 23
M24	9 40	6 56	4 38	14 7	2 7	3 29	1 16	23 21	0 35	14 29	0 44	1 12	2 10	11 30	0 48	12 20	1 45	5 32	13 47	19 21	19 38	14 46	12 7	1 2	M24
T 25	9 18	11 59	5 1	13 29	2 6	2 59	1 15	23 17	0 36	14 25	0 44	1 10	2 10	11 31	0 48	12 21	1 45	5 32	13 47	19 22	19 38	14 49	12 8	1 2	T 25
W26	8 56	16 32	5 11	12 49	2 4	2 28	1 13	23 13	0 37	14 20	0 44	1 7	2 10	11 32	0 48	12 21	1 45	5 33	13 47	19 23	19 39	14 51	12 8	1 2	W26
T 27	8 33	20 28	5 7	12 8	2 2	1 57	1 12	23 9	0 38	14 16	0 44	1 4	2 10	11 32	0 48	12 21	1 45	5 33	13 46	19 24	19 40	14 54	12 9	1 3	T 27
F 28	8s11	23n34	4n51	11s26	2s 0	1s26	1s10	23s 5	0s39	14s11	0s44	1s 1	2s10	11n33	0n48	12n22	1s45	5n33	13s46	19s25	19s40	14n57	12n10	1s 3	F 28

Julian Day Number = 2407381.5, Delta T = -2.89 sec
Ecliptic obliquity = 23°27'23, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°03'06, Lahiri = 22°10'07

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ASTRODIENST EPHEMERIS for the year 1879
geocentric

MARCH 1879 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 33 42	10♓ 3'54	6♊22	7♓ 9	0♈22	17♉ 9	24♒22	2♈33	1°R51	7♉31	24♉35	3°D21	2♒12	26♈28	4♉54	S 1
S 2	10 37 39	11° 4'04	18°34	9° 0	1°36	17°52	24°36	2°41	1♍48	7°33	24°36	3♒21	2° 8	26°35	4°56	S 2
M 3	10 41 35	12° 4'13	1♋ 3	10°53	2°50	18°36	24°50	2°48	1°46	7°34	24°36	3°22	2° 5	26°42	4°59	M 3
T 4	10 45 32	13° 4'19	13°53	12°46	4° 5	19°19	25° 4	2°55	1°43	7°36	24°37	3°24	2° 2	26°48	5° 2	T 4
W 5	10 49 28	14° 4'23	27° 8	14°41	5°19	20° 3	25°18	3° 2	1°41	7°37	24°38	3°R25	1°59	26°55	5° 5	W 5
T 6	10 53 25	15° 4'25	10♌49	16°36	6°33	20°46	25°32	3° 9	1°38	7°39	24°38	3°25	1°56	27° 2	5° 7	T 6
F 7	10 57 22	16° 4'24	24°58	18°32	7°47	21°30	25°46	3°17	1°36	7°40	24°39	3°23	1°53	27° 9	5°10	F 7
S 8	11 1 18	17° 4'22	9♍30	20°29	9° 2	22°13	26° 0	3°24	1°33	7°42	24°39	3°19	1°49	27°15	5°13	S 8
S 9	11 5 15	18° 4'18	24°21	22°26	10°16	22°57	26°14	3°31	1°31	7°43	24°40	3°14	1°46	27°22	5°16	S 9
M10	11 9 11	19° 4'11	9♎23	24°24	11°30	23°40	26°28	3°39	1°28	7°45	24°40	3° 7	1°43	27°29	5°19	M10
T 11	11 13 8	20° 4'03	24°25	26°22	12°44	24°24	26°42	3°46	1°26	7°46	24°41	2°59	1°40	27°35	5°22	T 11
W12	11 17 4	21° 3'54	9♏18	28°20	13°58	25° 8	26°55	3°53	1°23	7°48	24°42	2°53	1°37	27°42	5°25	W12
T 13	11 21 1	22° 3'42	23°56	0♈18	15°12	25°51	27° 9	4° 1	1°21	7°50	24°42	2°48	1°33	27°49	5°28	T 13
F 14	11 24 57	23° 3'29	8♐12	2°16	16°26	26°35	27°23	4° 8	1°18	7°52	24°43	2°45	1°30	27°56	5°31	F 14
S 15	11 28 54	24° 3'15	22° 6	4°13	17°40	27°19	27°37	4°15	1°16	7°53	24°44	2°D44	1°27	28° 2	5°34	S 15
S 16	11 32 51	25° 2'58	5♑38	6° 9	18°54	28° 3	27°50	4°23	1°14	7°55	24°45	2°44	1°24	28° 9	5°38	S 16
M17	11 36 47	26° 2'40	18°49	8° 4	20° 7	28°46	28° 4	4°30	1°11	7°57	24°45	2°45	1°21	28°16	5°41	M17
T 18	11 40 44	27° 2'20	1♒43	9°57	21°21	29°30	28°17	4°38	1° 9	7°59	24°46	2°R46	1°18	28°22	5°44	T 18
W19	11 44 40	28° 1'59	14°22	11°47	22°35	0♒14	28°31	4°45	1° 7	8° 0	24°47	2°45	1°14	28°29	5°47	W19
T 20	11 48 37	29° 1'35	26°50	13°36	23°49	0°58	28°44	4°53	1° 5	8° 2	24°48	2°42	1°11	28°36	5°51	T 20
F 21	11 52 33	0♈ 1'10	9♓ 7	15°21	25° 2	1°42	28°57	5° 0	1° 2	8° 4	24°49	2°37	1° 8	28°43	5°54	F 21
S 22	11 56 30	1° 0'42	21°17	17° 3	26°16	2°25	29°11	5° 8	1° 0	8° 6	24°50	2°28	1° 5	28°49	5°57	S 22
S 23	12 0 26	2° 0'13	3♈21	18°40	27°29	3° 9	29°24	5°15	0°58	8° 8	24°50	2°18	1° 2	28°56	6° 1	S 23
M24	12 4 23	2°59'42	15°19	20°14	28°43	3°53	29°37	5°23	0°56	8°10	24°51	2° 6	0°58	29° 3	6° 4	M24
T 25	12 8 19	3°59'08	27°13	21°43	29°57	4°37	29°50	5°30	0°54	8°12	24°52	1°54	0°55	29°10	6° 8	T 25
W26	12 12 16	4°58'32	9♉ 5	23° 6	1♉10	5°21	0♓ 3	5°38	0°52	8°14	24°53	1°43	0°52	29°16	6°11	W26
T 27	12 16 13	5°57'55	20°56	24°24	2°23	6° 5	0°16	5°45	0°50	8°16	24°54	1°33	0°49	29°23	6°15	T 27
F 28	12 20 9	6°57'15	2♊50	25°36	3°37	6°49	0°29	5°53	0°48	8°18	24°55	1°25	0°46	29°30	6°18	F 28
S 29	12 24 6	7°56'32	14°49	26°43	4°50	7°33	0°42	6° 0	0°46	8°20	24°56	1°20	0°43	29°36	6°22	S 29
S 30	12 28 2	8°55'48	26°59	27°42	6° 3	8°17	0°55	6° 8	0°44	8°22	24°57	1°17	0°39	29°43	6°25	S 30
M31	12 31 59	9♈55'01	9♋24	28♈35	7♉16	9♒ 1	1♓ 8	6♈15	0♍42	8♉24	24♉58	1°D17	0♒36	29♈50	6♉29	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	7s48	25n41	4n21	10s42	1s57	0s54	1s 9	23s 0	0s39	14s 6	0s44	0s58	2s10	11n34	0n48	12n22	1s45	5n34	13s46	19s25	19s41	14n59	12n11	1s 3	S 1
S 2	7 25	26 37	3 40	9 57	1 53	0 23	1 7	22 56	0 40	14 2	0 45	0 55	2 10	11 35	0 48	12 23	1 45	5 34	13 45	19 25	19 42	15 2	12 12	1 3	S 2
M 3	7 2	26 14	2 47	9 10	1 49	0n 8	1 5	22 51	0 41	13 57	0 45	0 52	2 10	11 36	0 48	12 23	1 45	5 35	13 45	19 25	19 43	15 4	12 13	1 3	M 3
T 4	6 39	24 27	1 44	8 23	1 45	0 39	1 3	22 45	0 42	13 53	0 45	0 49	2 10	11 37	0 48	12 24	1 45	5 35	13 45	19 25	19 43	15 7	12 13	1 3	T 4
W 5	6 16	21 18	0 34	7 34	1 39	1 10	1 2	22 40	0 43	13 48	0 45	0 47	2 10	11 38	0 48	12 25	1 45	5 35	13 44	19 24	19 44	15 9	12 14	1 3	W 5
T 6	5 53	16 53	0s40	6 44	1 34	1 41	1 0	22 34	0 44	13 43	0 45	0 44	2 10	11 39	0 48	12 25	1 45	5 36	13 44	19 24	19 45	15 12	12 15	1 3	T 6
F 7	5 30	11 25	1 54	5 53	1 28	2 12	0 58	22 29	0 45	13 39	0 45	0 41	2 10	11 40	0 48	12 26	1 45	5 36	13 44	19 25	19 45	15 14	12 16	1 3	F 7
S 8	5 7	5 11	3 3	5 1	1 21	2 44	0 56	22 22	0 46	13 34	0 45	0 38	2 10	11 41	0 48	12 26	1 45	5 37	13 43	19 26	19 46	15 17	12 17	1 3	S 8
S 9	4 43	1s26	4 0	4 8	1 13	3 15	0 54	22 16	0 47	13 30	0 45	0 35	2 9	11 42	0 48	12 27	1 45	5 37	13 43	19 27	19 47	15 19	12 18	1 3	S 9
M10	4 20	8 2	4 42	3 14	1 5	3 46	0 52	22 10	0 48	13 25	0 45	0 32	2 9	11 42	0 48	12 27	1 45	5 37	13 43	19 29	19 48	15 22	12 19	1 3	M10
T 11	3 56	14 11	5 4	2 19	0 57	4 16	0 49	22 3	0 48	13 20	0 46	0 29	2 9	11 43	0 48	12 28	1 45	5 38	13 43	19 30	19 48	15 24	12 20	1 3	T 11
W12	3 33	19 25	5 6	1 24	0 48	4 47	0 47	21 56	0 49	13 16	0 46	0 26	2 9	11 44	0 48	12 28	1 45	5 38	13 42	19 32	19 49	15 27	12 21	1 3	W12
T 13	3 9	23 24	4 47	0 28	0 38	5 18	0 45	21 49	0 50	13 11	0 46	0 23	2 9	11 45	0 48	12 29	1 44	5 39	13 42	19 33	19 50	15 29	12 22	1 3	T 13
F 14	2 45	25 49	4 11	0n28	0 28	5 49	0 43	21 41	0 51	13 7	0 46	0 20	2 9	11 46	0 48	12 30	1 44	5 39	13 42	19 34	19 50	15 32	12 23	1 3	F 14
S 15	2 22	26 34	3 21	1 24	0 18	6 19	0 40	21 34	0 52	13 2	0 46	0 17	2 9	11 47	0 48	12 30	1 44	5 40	13 41	19 34	19 51	15 34	12 24	1 3	S 15
S 16	1 58	25 41	2 20	2 21	0 6	6 49	0 38	21 26	0 53	12 57	0 46	0 14	2 9	11 48	0 48	12 31	1 44	5 40	13 41	19 34	19 52	15 37	12 25	1 3	S 16
M17	1 34	23 21	1 14	3 17	0n 5	7 19	0 35	21 18	0 54	12 53	0 46	0 11	2 9	11 48	0 48	12 31	1 44	5 40	13 41	19 34	19 52	15 39	12 26	1 3	M17
T 18	1 11	19 53	0 6	4 12	0 17	7 49	0 33	21 10	0 55	12 48	0 46	0 8	2 9	11 49	0 48	12 32	1 44	5 41	13 41	19 33	19 53	15 42	12 27	1 3	T 18
W19	0 47	15 33	1n 2	5 7	0 29	8 19	0 30	21 1	0 56	12 44	0 47	0 5	2 9	11 50	0 48	12 33	1 44	5 41	13 40	19 34	19 54	15 44	12 28	1 3	W19
T 20	0 23	10 37	2 5	6 0	0 41	8 49	0 28	20 53	0 57	12 39	0 47	0 2	2 9	11 51	0 48	12 33	1 44	5 42	13 40	19 34	19 55	15 47	12 29	1 3	T 20
F 21	0n 0	5 21	3 2	6 52	0 54	9 18	0 25	20 44	0 58	12 35	0 47	0n 1	2 9	11 51	0 48	12 34	1 44	5 42	13 40	19 35	19 55	15 49	12 30	1 3	F 21
S 22	0 24	0n 3	3 49	7 43	1 6	9 48	0 23	20 35	0 59	12 30	0 47	0 4	2 9	11 52	0 48	12 35	1 44	5 43	13 40	19 37	19 56	15 52	12 31	1 3	S 22
S 23	0 48	5 24	4 26	8 32	1 18	10 17	0 20	20 26	1 0	12 26	0 47	0 7	2 9	11 53	0 48	12 35	1 44	5 43	13 39	19 40	19 57	15 54	12 32	1 3	S 23
M24	1 12	10 29	4 50	9 19	1 31	10 45	0 17	20 17	1 1	12 21	0 47	0 10	2 9	11 54	0 48	12 36	1 44	5 44	13 39	19 42	19 57	15 57	12 33	1 3	M24
T 25	1 35	15 10	5 2	10 3	1 43	11 14	0 15	20 7	1 1	12 17	0 47	0 13	2 9	11 54	0 48	12 36	1 44	5 44	13 39	19 45	19 58	15 59	12 34	1 4	T 25
W26	1 59	19 16	5 0	10 45	1 54	11 42	0 12	19 57	1 2	12 12	0 48	0 15	2 9	11 55	0 48	12 37	1 44	5 44	13 39	19 48	19 59	16 2	12 36	1 4	W26
T 27	2 22	22 36	4 46	11 25	2 6	12 10	0 9	19 47	1 3	12 8	0 48	0 18	2 9	11 56	0 48	12 38	1 44	5 45	13 38	19 50	19 59	16 4	12 37	1 4	T 27
F 28	2 46	24 58	4 19	12 1	2 16	12 38	0 6	19 37	1 4	12 3	0 48	0 21	2 9	11 57	0 48	12 38	1 44	5 45	13 38	19 52	20 0	16 6	12 38	1 4	F 28
S 29	3 9	26 15	3 41	12 35	2 26	13 5	0 3	19 27	1 5	11 59	0 48	0 24	2 9	11 57	0 48	12 39	1 44	5 46	13 38	19 53	20 1	16 9	12 39	1 4	S 29
S 30	3 33	26 17	2 52	13 5	2 35	13 32	0 1	19 16	1 6	11 54	0 48	0 27	2 9	11 58	0 48	12 40	1 44	5 46	13 38	19 53	20 1	16 11	12 40	1 4	S 30
M31	3n56	25n 1	1n54	13n32	2n44	13n59	0n 2	19s 6	1s 7	11s50	0s48	0n30	2s 9	11n58	0n48	12n40	1s44	5n47	13s37	19s53	20s 2	16n14	12n41	1s 4	M31

Julian Day Number = 2407409.5, Delta T = -2.92 sec
Ecliptic obliquity = 23°27'23, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°03'10, Lahiri = 22°10'11

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ASTRODIENST EPHEMERIS for the year 1879
geocentric

APRIL 1879 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 35 55	10♈54'12	22♋ 8	29♈22	8♉30	9♒45	1♓20	6♈23	0°R40	8♉26	24♉59	1♒17	0♒33	29♈57	6♉33	T 1
W 2	12 39 52	11°53'20	5♌16	0♉ 1	9°43	10°29	1°33	6°30	0♍38	8°28	25° 0	1°R17	0°30	0♉ 3	6°36	W 2
T 3	12 43 48	12°52'27	18°52	0°34	10°56	11°13	1°46	6°38	0°37	8°30	25° 1	1°16	0°27	0°10	6°40	T 3
F 4	12 47 45	13°51'30	2♍58	0°59	12° 9	11°57	1°58	6°45	0°35	8°32	25° 2	1°12	0°24	0°17	6°44	F 4
S 5	12 51 42	14°50'32	17°33	1°18	13°22	12°41	2°11	6°53	0°33	8°34	25° 3	1° 7	0°20	0°23	6°48	S 5
S 6	12 55 38	15°49'31	2♎31	1°30	14°35	13°25	2°23	7° 0	0°32	8°36	25° 4	0°58	0°17	0°30	6°51	S 6
M 7	12 59 35	16°48'28	17°45	1°R34	15°47	14° 9	2°35	7° 7	0°30	8°38	25° 5	0°48	0°14	0°37	6°55	M 7
T 8	13 3 31	17°47'23	3♏ 5	1°32	17° 0	14°53	2°47	7°15	0°29	8°40	25° 6	0°37	0°11	0°44	6°59	T 8
W 9	13 7 28	18°46'17	18°17	1°24	18°13	15°37	3° 0	7°22	0°27	8°42	25° 7	0°27	0° 8	0°50	7° 3	W 9
T 10	13 11 24	19°45'08	3♐13	1°10	19°25	16°21	3°12	7°30	0°26	8°45	25° 9	0°19	0° 4	0°57	7° 6	T 10
F 11	13 15 21	20°43'58	17°45	0°50	20°38	17° 5	3°24	7°37	0°24	8°47	25°10	0°13	0° 1	1° 4	7°10	F 11
S 12	13 19 17	21°42'46	1♑50	0°24	21°51	17°49	3°35	7°44	0°23	8°49	25°11	0°10	29♑58	1°11	7°14	S 12
S 13	13 23 14	22°41'32	15°27	29♈54	23° 3	18°33	3°47	7°52	0°22	8°51	25°12	0° 9	29°55	1°17	7°18	S 13
M14	13 27 11	23°40'17	28°38	29°20	24°15	19°17	3°59	7°59	0°20	8°53	25°13	0° 9	29°52	1°24	7°22	M14
T 15	13 31 7	24°39'00	11♒27	28°43	25°28	20° 1	4°11	8° 6	0°19	8°56	25°14	0° 9	29°49	1°31	7°26	T 15
W16	13 35 4	25°37'41	23°58	28° 3	26°40	20°45	4°22	8°14	0°18	8°58	25°16	0° 7	29°45	1°37	7°30	W16
T 17	13 39 0	26°36'20	6♓15	27°22	27°52	21°29	4°34	8°21	0°17	9° 0	25°17	0° 3	29°42	1°44	7°34	T 17
F 18	13 42 57	27°34'58	18°22	26°39	29° 5	22°13	4°45	8°28	0°16	9° 2	25°18	29♑56	29°39	1°51	7°37	F 18
S 19	13 46 53	28°33'34	0♈22	25°57	0♊17	22°57	4°56	8°35	0°15	9° 4	25°19	29°46	29°36	1°58	7°41	S 19
S 20	13 50 50	29°32'08	12°18	25°14	1°29	23°42	5° 7	8°43	0°14	9° 7	25°20	29°34	29°33	2° 4	7°45	S 20
M21	13 54 46	0♉30'40	24°11	24°34	2°41	24°26	5°18	8°50	0°13	9° 9	25°22	29°20	29°29	2°11	7°49	M21
T 22	13 58 43	1°29'11	6♉ 3	23°55	3°53	25°10	5°29	8°57	0°12	9°11	25°23	29° 6	29°26	2°18	7°53	T 22
W23	14 2 40	2°27'39	17°56	23°19	5° 5	25°54	5°40	9° 4	0°11	9°13	25°24	28°52	29°23	2°25	7°57	W23
T 24	14 6 36	3°26'06	29°49	22°46	6°16	26°38	5°51	9°11	0°10	9°16	25°25	28°40	29°20	2°31	8° 1	T 24
F 25	14 10 33	4°24'30	11♊47	22°17	7°28	27°22	6° 2	9°18	0°10	9°18	25°27	28°30	29°17	2°38	8° 5	F 25
S 26	14 14 29	5°22'53	23°50	21°51	8°40	28° 6	6°12	9°25	0° 9	9°20	25°28	28°23	29°14	2°45	8° 9	S 26
S 27	14 18 26	6°21'14	6♋ 2	21°31	9°51	28°50	6°23	9°32	0° 8	9°22	25°29	28°19	29°10	2°51	8°13	S 27
M28	14 22 22	7°19'33	18°27	21°14	11° 3	29°34	6°33	9°39	0° 8	9°25	25°31	28°18	29° 7	2°58	8°17	M28
T 29	14 26 19	8°17'49	1♌ 9	21° 3	12°14	0♓18	6°43	9°46	0° 7	9°27	25°32	28°17	29° 4	3° 5	8°21	T 29
W30	14 30 15	9♉16'04	14♌13	20♈56	13♊26	1♓ 2	6♓54	9♈53	0♍ 7	9♉29	25♉33	28♑17	29♑ 1	3♉12	8♉25	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n19	22n26	0n48	13n55	2n51	14n26	0n 5	18s55	1s 8	11s46	0s48	0n33	2s 9	11n59	0n48	12n41	1s44	5n47	13s37	19s53	20s 3	16n16	12n42	1s 4
W 2	4 42	18 37	0s21	14 16	2 58	14 52	0 8	18 44	1 9	11 41	0 49	0 36	2 10	12 0	0 48	12 42	1 44	5 48	13 37	19 53	20 4	16 19	12 43	1 4
T 3	5 5	13 43	1 32	14 32	3 3	15 17	0 11	18 33	1 10	11 37	0 49	0 39	2 10	12 0	0 47	12 42	1 44	5 48	13 37	19 54	20 4	16 21	12 45	1 4
F 4	5 28	7 56	2 39	14 45	3 7	15 43	0 14	18 21	1 11	11 33	0 49	0 42	2 10	12 1	0 47	12 43	1 44	5 48	13 37	19 54	20 5	16 23	12 46	1 4
S 5	5 51	1 34	3 39	14 54	3 10	16 8	0 17	18 10	1 12	11 28	0 49	0 45	2 10	12 1	0 47	12 44	1 44	5 49	13 36	19 56	20 6	16 26	12 47	1 4
S 6	6 14	5s 3	4 25	15 0	3 12	16 32	0 20	17 58	1 13	11 24	0 49	0 48	2 10	12 2	0 47	12 45	1 44	5 49	13 36	19 57	20 6	16 28	12 48	1 4
M 7	6 37	11 29	4 53	15 2	3 12	16 56	0 23	17 47	1 14	11 20	0 49	0 51	2 10	12 3	0 47	12 45	1 44	5 50	13 36	20 0	20 7	16 31	12 49	1 4
T 8	6 59	17 15	5 1	15 0	3 11	17 20	0 26	17 35	1 15	11 15	0 50	0 53	2 10	12 3	0 47	12 46	1 44	5 50	13 36	20 2	20 8	16 33	12 50	1 4
W 9	7 22	21 52	4 47	14 54	3 8	17 43	0 29	17 22	1 16	11 11	0 50	0 56	2 10	12 4	0 47	12 47	1 44	5 51	13 36	20 4	20 8	16 35	12 52	1 4
T 10	7 44	24 57	4 13	14 45	3 4	18 6	0 32	17 10	1 17	11 7	0 50	0 59	2 10	12 4	0 47	12 47	1 44	5 51	13 35	20 6	20 9	16 38	12 53	1 4
F 11	8 6	26 17	3 24	14 33	2 58	18 29	0 35	16 58	1 18	11 3	0 50	1 2	2 10	12 4	0 47	12 48	1 44	5 52	13 35	20 7	20 10	16 40	12 54	1 4
S 12	8 28	25 50	2 24	14 17	2 51	18 51	0 37	16 45	1 19	10 59	0 50	1 5	2 10	12 5	0 47	12 49	1 44	5 52	13 35	20 8	20 10	16 42	12 55	1 5
S 13	8 50	23 50	1 17	13 58	2 42	19 12	0 40	16 32	1 20	10 55	0 50	1 8	2 10	12 5	0 47	12 49	1 44	5 52	13 35	20 8	20 11	16 45	12 56	1 5
M14	9 12	20 35	0 8	13 37	2 32	19 33	0 43	16 19	1 21	10 51	0 51	1 11	2 10	12 6	0 47	12 50	1 44	5 53	13 35	20 8	20 12	16 47	12 58	1 5
T 15	9 33	16 25	0n59	13 12	2 20	19 53	0 46	16 6	1 22	10 46	0 51	1 13	2 10	12 6	0 47	12 51	1 43	5 53	13 34	20 8	20 12	16 50	12 59	1 5
W16	9 55	11 37	2 2	12 46	2 7	20 13	0 49	15 53	1 22	10 42	0 51	1 16	2 10	12 7	0 47	12 52	1 43	5 54	13 34	20 8	20 13	16 52	13 0	1 5
T 17	10 16	6 28	2 58	12 18	1 53	20 33	0 52	15 40	1 23	10 38	0 51	1 19	2 10	12 7	0 47	12 52	1 43	5 54	13 34	20 9	20 14	16 54	13 1	1 5
F 18	10 37	1 9	3 45	11 49	1 38	20 52	0 55	15 27	1 24	10 34	0 51	1 22	2 11	12 7	0 47	12 53	1 43	5 55	13 34	20 11	20 14	16 57	13 2	1 5
S 19	10 58	4n 9	4 21	11 19	1 23	21 10	0 58	15 13	1 25	10 30	0 52	1 24	2 11	12 8	0 47	12 54	1 43	5 55	13 34	20 13	20 15	16 59	13 4	1 5
S 20	11 19	9 15	4 46	10 48	1 7	21 28	1 1	14 59	1 26	10 27	0 52	1 27	2 11	12 8	0 47	12 54	1 43	5 55	13 34	20 15	20 16	17 1	13 5	1 5
M21	11 40	14 0	4 58	10 18	0 50	21 45	1 4	14 46	1 27	10 23	0 52	1 30	2 11	12 8	0 47	12 55	1 43	5 56	13 33	20 18	20 16	17 4	13 6	1 5
T 22	12 0	18 13	4 57	9 48	0 33	22 2	1 6	14 32	1 28	10 19	0 52	1 33	2 11	12 8	0 47	12 56	1 43	5 56	13 33	20 21	20 17	17 6	13 7	1 5
W23	12 20	21 43	4 43	9 19	0 16	22 18	1 9	14 18	1 29	10 15	0 52	1 35	2 11	12 9	0 47	12 57	1 43	5 57	13 33	20 24	20 18	17 8	13 8	1 5
T 24	12 40	24 18	4 17	8 51	0s 1	22 33	1 12	14 3	1 30	10 11	0 53	1 38	2 11	12 9	0 47	12 57	1 43	5 57	13 33	20 27	20 18	17 10	13 10	1 5
F 25	13 0	25 50	3 39	8 24	0 18	22 48	1 15	13 49	1 31	10 7	0 53	1 41	2 11	12 9	0 47	12 58	1 43	5 57	13 33	20 29	20 19	17 13	13 11	1 5
S 26	13 20	26 10	2 51	8 0	0 34	23 2	1 17	13 35	1 32	10 4	0 53	1 43	2 11	12 9	0 47	12 59	1 43	5 58	13 33	20 30	20 20	17 15	13 12	1 6
S 27	13 39	25 14	1 55	7 37	0 50	23 16	1 20	13 20	1 33	10 0	0 53	1 46	2 11	12 10	0 47	12 59	1 43	5 58	13 33	20 31	20 20	17 17	13 13	1 6
M28	13 58	23 2	0 52	7 17	1 5	23 29	1 23	13 6	1 34	9 56	0 53	1 49	2 12	12 10	0 47	13 0	1 43	5 59	13 33	20 31	20 21	17 20	13 14	1 6
T 29	14 17	19 40	0s15	6 59	1 20	23 41	1 25	12 51	1 35	9 53	0 54	1 51	2 12	12 10	0 47	13 1	1 43	5 59	13 32	20 31	20 22	17 22	13 16	1 6
W30	14n36	15n15	1s23	6n44	1s33	23n53	1n28	12s36	1s36	9s49	0s54	1n54	2s12	12n10	0n47	13n 2	1s43	6n 0	13s32	20s31	20s22	17n24	13n17	1s 6

Julian Day Number = 2407440.5, Delta T = -2.95 sec
Ecliptic obliquity = 23°27'23, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°03'14, Lahiri = 22°10'15

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ASTRODIENST EPHEMERIS for the year 1879
geocentric

MAY 1879 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 34 12	10♉14'16	27♌42	20°D54	14♊37	1♓46	7♓ 4	10♈ 0	0°R 6	9♉31	25♉34	28°R16	28♑58	3♉18	8♉29	T 1
F 2	14 38 9	11°12'26	11♍38	20♈56	15°48	2°30	7°13	10° 7	0♍ 6	9°34	25°36	28♑13	28°55	3°25	8°33	F 2
S 3	14 42 5	12°10'34	26° 3	21° 4	16°59	3°14	7°23	10°13	0° 6	9°36	25°37	28° 8	28°51	3°32	8°37	S 3
S 4	14 46 2	13° 8'41	10♎53	21°16	18°10	3°58	7°33	10°20	0° 6	9°38	25°38	28° 0	28°48	3°38	8°41	S 4
M 5	14 49 58	14° 6'45	26° 3	21°33	19°21	4°42	7°43	10°27	0° 5	9°40	25°40	27°51	28°45	3°45	8°45	M 5
T 6	14 53 55	15° 4'48	11♏22	21°54	20°32	5°26	7°52	10°33	0° 5	9°43	25°41	27°41	28°42	3°52	8°49	T 6
W 7	14 57 51	16° 2'49	26°39	22°20	21°43	6°10	8° 1	10°40	0° 5	9°45	25°42	27°31	28°39	3°59	8°53	W 7
T 8	15 1 48	17° 0'49	11♐43	22°50	22°54	6°54	8°11	10°47	0°D 5	9°47	25°44	27°23	28°35	4° 5	8°57	T 8
F 9	15 5 44	17°58'47	26°25	23°24	24° 5	7°37	8°20	10°53	0° 5	9°49	25°45	27°17	28°32	4°12	9° 1	F 9
S 10	15 9 41	18°56'44	10♑39	24° 2	25°15	8°21	8°29	11° 0	0° 5	9°52	25°46	27°14	28°29	4°19	9° 5	S 10
S 11	15 13 38	19°54'39	24°25	24°44	26°26	9° 5	8°37	11° 6	0° 5	9°54	25°48	27°D13	28°26	4°26	9° 9	S 11
M12	15 17 34	20°52'33	7♒42	25°29	27°36	9°49	8°46	11°12	0° 6	9°56	25°49	27°13	28°23	4°32	9°12	M12
T 13	15 21 31	21°50'26	20°34	26°18	28°46	10°33	8°55	11°19	0° 6	9°58	25°51	27°R13	28°20	4°39	9°16	T 13
W14	15 25 27	22°48'18	3♓ 6	27°10	29°57	11°17	9° 3	11°25	0° 6	10° 1	25°52	27°13	28°16	4°46	9°20	W14
T 15	15 29 24	23°46'08	15°21	28° 6	1♋ 7	12° 0	9°12	11°31	0° 6	10° 3	25°53	27°11	28°13	4°52	9°24	T 15
F 16	15 33 20	24°43'57	27°25	29° 5	2°17	12°44	9°20	11°37	0° 7	10° 5	25°55	27° 6	28°10	4°59	9°28	F 16
S 17	15 37 17	25°41'45	9♈21	0♉ 7	3°27	13°28	9°28	11°44	0° 7	10° 7	25°56	26°59	28° 7	5° 6	9°32	S 17
S 18	15 41 13	26°39'32	21°13	1°12	4°36	14°11	9°36	11°50	0° 8	10° 9	25°57	26°50	28° 4	5°13	9°36	S 18
M19	15 45 10	27°37'18	3♉ 5	2°19	5°46	14°55	9°43	11°56	0° 8	10°12	25°59	26°39	28° 1	5°19	9°40	M19
T 20	15 49 7	28°35'02	14°57	3°30	6°56	15°39	9°51	12° 2	0° 9	10°14	26° 0	26°28	27°57	5°26	9°43	T 20
W21	15 53 3	29°32'45	26°52	4°43	8° 5	16°22	9°59	12° 7	0°10	10°16	26° 1	26°17	27°54	5°33	9°47	W21
T 22	15 57 0	0♊30'27	8♊52	5°59	9°15	17° 6	10° 6	12°13	0°10	10°18	26° 3	26° 8	27°51	5°39	9°51	T 22
F 23	16 0 56	1°28'07	20°57	7°18	10°24	17°49	10°13	12°19	0°11	10°20	26° 4	26° 1	27°48	5°46	9°55	F 23
S 24	16 4 53	2°25'47	3♋ 9	8°39	11°34	18°33	10°20	12°25	0°12	10°22	26° 5	25°56	27°45	5°53	9°59	S 24
S 25	16 8 49	3°23'25	15°31	10° 3	12°43	19°16	10°27	12°30	0°13	10°24	26° 7	25°53	27°41	6° 0	10° 2	S 25
M26	16 12 46	4°21'01	28° 5	11°29	13°52	19°59	10°34	12°36	0°14	10°27	26° 8	25°D53	27°38	6° 6	10° 6	M26
T 27	16 16 42	5°18'36	10♌53	12°58	15° 1	20°43	10°40	12°42	0°15	10°29	26° 9	25°53	27°35	6°13	10°10	T 27
W28	16 20 39	6°16'10	23°59	14°30	16° 9	21°26	10°47	12°47	0°16	10°31	26°11	25°54	27°32	6°20	10°13	W28
T 29	16 24 36	7°13'42	7♍26	16° 3	17°18	22° 9	10°53	12°53	0°17	10°33	26°12	25°R55	27°29	6°27	10°17	T 29
F 30	16 28 32	8°11'12	21°15	17°40	18°27	22°52	10°59	12°58	0°18	10°35	26°13	25°54	27°26	6°33	10°21	F 30
S 31	16 32 29	9♊ 8'42	5♎28	19♉19	19♋35	23♓35	11♓ 5	13♈ 3	0♍19	10♉37	26♉15	25♑52	27♑22	6♉40	10♉24	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n54	9n57	2s29	6n31	1s46	24n 4	1n30	12s21	1s37	9s46	0s54	1n56	2s12	12n10	0n47	13n 2	1s43	6n 0	13s32	20s31	20s23	17n26	13n18	1s 6
F 2	15 12	4 0	3 28	6 21	1 59	24 14	1 33	12 7	1 38	9 42	0 54	1 59	2 12	12 10	0 46	13 3	1 43	6 0	13 32	20 32	20 24	17 29	13 19	1 6
S 3	15 30	2s21	4 16	6 13	2 10	24 24	1 35	11 51	1 39	9 39	0 54	2 1	2 12	12 10	0 46	13 4	1 43	6 1	13 32	20 33	20 24	17 31	13 20	1 6
S 4	15 48	8 44	4 48	6 8	2 20	24 33	1 37	11 36	1 39	9 35	0 55	2 4	2 12	12 10	0 46	13 4	1 43	6 1	13 32	20 35	20 25	17 33	13 22	1 6
M 5	16 5	14 44	5 1	6 5	2 30	24 41	1 40	11 21	1 40	9 32	0 55	2 6	2 12	12 10	0 46	13 5	1 43	6 1	13 32	20 36	20 25	17 36	13 23	1 6
T 6	16 22	19 53	4 53	6 5	2 39	24 49	1 42	11 6	1 41	9 29	0 55	2 9	2 13	12 10	0 46	13 6	1 43	6 2	13 32	20 38	20 26	17 38	13 24	1 6
W 7	16 39	23 42	4 24	6 8	2 46	24 56	1 44	10 50	1 42	9 25	0 55	2 11	2 13	12 10	0 46	13 7	1 43	6 2	13 32	20 40	20 27	17 40	13 25	1 6
T 8	16 56	25 47	3 36	6 12	2 53	25 2	1 46	10 35	1 43	9 22	0 56	2 14	2 13	12 10	0 46	13 7	1 43	6 3	13 32	20 42	20 27	17 42	13 26	1 7
F 9	17 12	26 0	2 36	6 19	2 59	25 8	1 48	10 19	1 44	9 19	0 56	2 16	2 13	12 10	0 46	13 8	1 43	6 3	13 31	20 43	20 28	17 45	13 28	1 7
S 10	17 28	24 28	1 27	6 28	3 4	25 13	1 50	10 4	1 45	9 16	0 56	2 19	2 13	12 10	0 46	13 9	1 43	6 3	13 31	20 44	20 29	17 47	13 29	1 7
S 11	17 44	21 30	0 15	6 39	3 9	25 17	1 52	9 48	1 46	9 13	0 56	2 21	2 13	12 10	0 46	13 9	1 43	6 4	13 31	20 44	20 29	17 49	13 30	1 7
M12	17 59	17 28	0n56	6 53	3 12	25 20	1 54	9 32	1 47	9 10	0 56	2 23	2 13	12 10	0 46	13 10	1 43	6 4	13 31	20 44	20 30	17 51	13 31	1 7
T 13	18 14	12 44	2 1	7 8	3 15	25 23	1 56	9 17	1 48	9 7	0 57	2 26	2 14	12 10	0 46	13 11	1 43	6 4	13 31	20 44	20 31	17 53	13 32	1 7
W14	18 29	7 36	2 59	7 24	3 17	25 25	1 58	9 1	1 49	9 4	0 57	2 28	2 14	12 10	0 46	13 11	1 43	6 5	13 31	20 44	20 31	17 56	13 33	1 7
T 15	18 44	2 17	3 47	7 43	3 18	25 27	2 0	8 45	1 49	9 1	0 57	2 30	2 14	12 10	0 46	13 12	1 43	6 5	13 31	20 44	20 32	17 58	13 34	1 7
F 16	18 58	3n 1	4 24	8 3	3 19	25 27	2 1	8 29	1 50	8 58	0 57	2 33	2 14	12 9	0 46	13 13	1 43	6 5	13 31	20 45	20 33	18 0	13 36	1 7
S 17	19 12	8 8	4 49	8 25	3 19	25 27	2 3	8 13	1 51	8 55	0 58	2 35	2 14	12 9	0 46	13 13	1 43	6 6	13 31	20 47	20 33	18 2	13 37	1 7
S 18	19 25	12 57	5 2	8 48	3 18	25 27	2 4	7 57	1 52	8 52	0 58	2 37	2 14	12 9	0 46	13 14	1 44	6 6	13 31	20 48	20 34	18 4	13 38	1 7
M19	19 39	17 16	5 2	9 13	3 16	25 25	2 6	7 41	1 53	8 50	0 58	2 39	2 15	12 9	0 46	13 15	1 44	6 6	13 31	20 50	20 34	18 7	13 39	1 8
T 20	19 52	20 55	4 48	9 39	3 14	25 23	2 7	7 25	1 54	8 47	0 58	2 41	2 15	12 8	0 46	13 15	1 44	6 7	13 31	20 53	20 35	18 9	13 40	1 8
W21	20 4	23 43	4 22	10 6	3 11	25 21	2 8	7 9	1 55	8 44	0 59	2 43	2 15	12 8	0 46	13 16	1 44	6 7	13 31	20 55	20 36	18 11	13 41	1 8
T 22	20 16	25 29	3 44	10 35	3 7	25 17	2 9	6 52	1 55	8 42	0 59	2 46	2 15	12 8	0 46	13 17	1 44	6 7	13 31	20 56	20 36	18 13	13 42	1 8
F 23	20 28	26 4	2 56	11 4	3 3	25 13	2 10	6 36	1 56	8 39	0 59	2 48	2 15	12 8	0 46	13 17	1 44	6 8	13 31	20 58	20 37	18 15	13 43	1 8
S 24	20 40	25 24	1 59	11 35	2 58	25 8	2 11	6 20	1 57	8 37	0 59	2 50	2 16	12 7	0 46	13 18	1 44	6 8	13 31	20 59	20 38	18 17	13 44	1 8
S 25	20 51	23 28	0 55	12 6	2 53	25 3	2 12	6 4	1 58	8 35	1 0	2 52	2 16	12 7	0 46	13 19	1 44	6 8	13 31	20 59	20 38	18 20	13 46	1 8
M26	21 2	20 22	0s12	12 39	2 47	24 56	2 13	5 47	1 59	8 32	1 0	2 54	2 16	12 7	0 46	13 19	1 44	6 8	13 31	20 59	20 39	18 22	13 47	1 8
T 27	21 12	16 14	1 20	13 12	2 40	24 50	2 14	5 31	2 0	8 30	1 0	2 56	2 16	12 6	0 45	13 20	1 44	6 9	13 31	20 59	20 40	18 24	13 48	1 8
W28	21 22	11 15	2 25	13 45	2 34	24 42	2 14	5 15	2 0	8 28	1 0	2 58	2 16	12 6	0 45	13 21	1 44	6 9	13 31	20 59	20 40	18 26	13 49	1 8
T 29	21 32	5 37	3 25	14 19	2 26	24 34	2 15	4 58	2 1	8 26	1 1	3 0	2 16	12 5	0 45	13 21	1 44	6 9	13 31	20 59	20 41	18 28	13 50	1 9
F 30	21 41	0s25	4 14	14 54	2 18	24 25	2 15	4 42	2 2	8 24	1 1	3 1	2 17	12 5	0 45	13 22	1 44	6 9	13 31	20 59	20 41	18 30	13 51	1 9
S 31	21n50	6s36	4s49	15n29	2s10	24n16	2n16	4s26	2s 3	8s22	1s 1	3n 3	2s17	12n 4	0n45	13n22	1s44	6n10	13s31	20s59	20s42	18n32	13n52	1s 9

Julian Day Number = 2407470.5, Delta T = -2.98 sec
Ecliptic obliquity = 23°27'23, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°03'18, Lahiri = 22°10'19

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ASTRODIENST EPHEMERIS for the year 1879
geocentric

JUNE 1879 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 36 25	10♊ 6'10	20♎ 3	21♉ 0	20♋43	24♓18	11♓11	13♈ 8	0♍20	10♉39	26♉16	25°R47	27♑19	6♉47	10♉28	S 1
M 2	16 40 22	11° 3'37	4♏55	22°43	21°51	25° 1	11°16	13°13	0°22	10°41	26°17	25♑41	27°16	6°53	10°32	M 2
T 3	16 44 18	12° 1'02	19°58	24°29	22°59	25°44	11°22	13°19	0°23	10°43	26°19	25°35	27°13	7° 0	10°35	T 3
W 4	16 48 15	12°58'27	5♐ 2	26°18	24° 7	26°27	11°27	13°24	0°25	10°45	26°20	25°29	27°10	7° 7	10°39	W 4
T 5	16 52 11	13°55'51	19°58	28° 9	25°15	27°10	11°32	13°28	0°26	10°47	26°21	25°24	27° 7	7°14	10°42	T 5
F 6	16 56 8	14°53'14	4♑36	0♊ 2	26°23	27°52	11°37	13°33	0°27	10°49	26°23	25°20	27° 3	7°20	10°46	F 6
S 7	17 0 5	15°50'36	18°52	1°58	27°30	28°35	11°42	13°38	0°29	10°51	26°24	25°D19	27° 0	7°27	10°49	S 7
S 8	17 4 1	16°47'57	2♒42	3°55	28°37	29°18	11°47	13°43	0°31	10°53	26°25	25°19	26°57	7°34	10°52	S 8
M 9	17 7 58	17°45'18	16° 5	5°55	29°44	0♈ 0	11°51	13°47	0°32	10°55	26°27	25°20	26°54	7°41	10°56	M 9
T 10	17 11 54	18°42'39	29° 2	7°57	0♌51	0°43	11°55	13°52	0°34	10°56	26°28	25°21	26°51	7°47	10°59	T 10
W11	17 15 51	19°39'58	11♓38	10° 1	1°58	1°25	12° 0	13°57	0°36	10°58	26°29	25°23	26°47	7°54	11° 2	W11
T 12	17 19 47	20°37'18	23°56	12° 7	3° 5	2° 8	12° 3	14° 1	0°37	11° 0	26°30	25°R23	26°44	8° 1	11° 6	T 12
F 13	17 23 44	21°34'36	6♈ 1	14°14	4°11	2°50	12° 7	14° 5	0°39	11° 2	26°32	25°22	26°41	8° 7	11° 9	F 13
S 14	17 27 40	22°31'55	17°57	16°23	5°18	3°32	12°11	14°10	0°41	11° 4	26°33	25°19	26°38	8°14	11°12	S 14
S 15	17 31 37	23°29'13	29°50	18°32	6°24	4°14	12°14	14°14	0°43	11° 6	26°34	25°15	26°35	8°21	11°15	S 15
M16	17 35 34	24°26'31	11♉41	20°43	7°30	4°56	12°17	14°18	0°45	11° 7	26°35	25°11	26°32	8°28	11°19	M16
T 17	17 39 30	25°23'48	23°36	22°54	8°36	5°38	12°20	14°22	0°47	11° 9	26°36	25° 6	26°28	8°34	11°22	T 17
W18	17 43 27	26°21'06	5♊36	25° 6	9°41	6°20	12°23	14°26	0°49	11°11	26°38	25° 1	26°25	8°41	11°25	W18
T 19	17 47 23	27°18'22	17°44	27°18	10°47	7° 2	12°26	14°30	0°51	11°13	26°39	24°56	26°22	8°48	11°28	T 19
F 20	17 51 20	28°15'39	0♋ 0	29°29	11°52	7°44	12°28	14°33	0°53	11°14	26°40	24°53	26°19	8°54	11°31	F 20
S 21	17 55 16	29°12'55	12°27	1♋41	12°57	8°25	12°31	14°37	0°56	11°16	26°41	24°51	26°16	9° 1	11°34	S 21
S 22	17 59 13	0♋10'10	25° 5	3°51	14° 2	9° 7	12°33	14°41	0°58	11°18	26°42	24°D51	26°13	9° 8	11°37	S 22
M23	18 3 10	1° 7'25	7♌56	6° 0	15° 6	9°48	12°35	14°44	1° 0	11°19	26°44	24°51	26° 9	9°15	11°40	M23
T 24	18 7 6	2° 4'39	21° 0	8° 9	16°11	10°30	12°36	14°47	1° 2	11°21	26°45	24°52	26° 6	9°21	11°43	T 24
W25	18 11 3	3° 1'53	4♍18	10°16	17°15	11°11	12°38	14°51	1° 5	11°22	26°46	24°54	26° 3	9°28	11°45	W25
T 26	18 14 59	3°59'06	17°52	12°21	18°19	11°52	12°39	14°54	1° 7	11°24	26°47	24°55	26° 0	9°35	11°48	T 26
F 27	18 18 56	4°56'19	1♎43	14°25	19°23	12°33	12°40	14°57	1°10	11°25	26°48	24°R56	25°57	9°41	11°51	F 27
S 28	18 22 52	5°53'31	15°49	16°27	20°26	13°14	12°41	15° 0	1°12	11°27	26°49	24°55	25°53	9°48	11°54	S 28
S 29	18 26 49	6°50'43	0♏ 9	18°27	21°29	13°55	12°42	15° 3	1°15	11°28	26°50	24°54	25°50	9°55	11°56	S 29
M30	18 30 45	7♋47'54	14♏41	20♋26	22♌32	14♈35	12♓42	15♈ 6	1♍17	11♉30	26♉51	24♑53	25♑47	10♉ 2	11♉59	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21n59	12s34	5s 7	16n 4	2s 1	24n 6	2n16	4s 9	2s 4	8s20	1s 2	3n 5	2s17	12n 4	0n45	13n23	1s44	6n10	13s31	21s 0	20s43	18n35	13n53	1s 9
M 2	22 7	17 56	5 4	16 40	1 52	23 55	2 16	3 53	2 4	8 18	1 2	3 7	2 17	12 3	0 45	13 24	1 44	6 10	13 31	21 1	20 43	18 37	13 54	1 9
T 3	22 15	22 15	4 41	17 15	1 42	23 44	2 16	3 37	2 5	8 16	1 2	3 9	2 18	12 3	0 45	13 24	1 44	6 10	13 31	21 2	20 44	18 39	13 55	1 9
W 4	22 22	25 3	3 58	17 51	1 32	23 32	2 16	3 20	2 6	8 14	1 2	3 10	2 18	12 2	0 45	13 25	1 44	6 11	13 31	21 4	20 44	18 41	13 56	1 9
T 5	22 29	26 4	3 0	18 26	1 22	23 20	2 16	3 4	2 7	8 12	1 3	3 12	2 18	12 2	0 45	13 25	1 44	6 11	13 31	21 4	20 45	18 43	13 57	1 9
F 6	22 36	25 12	1 50	19 0	1 11	23 7	2 16	2 48	2 7	8 11	1 3	3 14	2 18	12 1	0 45	13 26	1 44	6 11	13 31	21 5	20 46	18 45	13 58	1 10
S 7	22 42	22 42	0 35	19 35	1 1	22 53	2 15	2 31	2 8	8 9	1 3	3 16	2 18	12 1	0 45	13 27	1 44	6 11	13 31	21 5	20 46	18 47	13 59	1 10
S 8	22 48	18 55	0n40	20 8	0 50	22 39	2 15	2 15	2 9	8 8	1 4	3 17	2 19	12 0	0 45	13 27	1 44	6 12	13 31	21 5	20 47	18 49	14 0	1 10
M 9	22 54	14 16	1 51	20 40	0 39	22 24	2 14	1 59	2 10	8 6	1 4	3 19	2 19	12 0	0 45	13 28	1 44	6 12	13 32	21 5	20 48	18 51	14 1	1 10
T 10	22 59	9 7	2 53	21 12	0 28	22 9	2 13	1 42	2 10	8 5	1 4	3 20	2 19	11 59	0 45	13 28	1 44	6 12	13 32	21 5	20 48	18 53	14 1	1 10
W11	23 3	3 44	3 45	21 41	0 17	21 53	2 12	1 26	2 11	8 4	1 4	3 22	2 19	11 58	0 45	13 29	1 44	6 12	13 32	21 5	20 49	18 55	14 2	1 10
T 12	23 7	1n40	4 26	22 10	0 6	21 37	2 12	1 10	2 12	8 2	1 5	3 23	2 20	11 58	0 45	13 29	1 44	6 12	13 32	21 5	20 49	18 57	14 3	1 10
F 13	23 11	6 53	4 54	22 36	0n 5	21 20	2 10	0 54	2 12	8 1	1 5	3 25	2 20	11 57	0 45	13 30	1 44	6 13	13 32	21 5	20 50	19 0	14 4	1 10
S 14	23 15	11 48	5 9	23 1	0 16	21 3	2 9	0 38	2 13	8 0	1 5	3 26	2 20	11 56	0 45	13 30	1 44	6 13	13 32	21 5	20 51	19 2	14 5	1 10
S 15	23 18	16 15	5 11	23 24	0 26	20 45	2 8	0 22	2 14	7 59	1 6	3 28	2 20	11 55	0 45	13 31	1 44	6 13	13 32	21 6	20 51	19 4	14 6	1 11
M16	23 20	20 5	4 59	23 44	0 36	20 27	2 6	0 5	2 14	7 58	1 6	3 29	2 20	11 55	0 45	13 31	1 44	6 13	13 32	21 7	20 52	19 6	14 7	1 11
T 17	23 23	23 7	4 34	24 2	0 46	20 8	2 5	0n11	2 15	7 57	1 6	3 30	2 21	11 54	0 45	13 32	1 44	6 13	13 32	21 8	20 52	19 8	14 8	1 11
W18	23 24	25 9	3 57	24 17	0 55	19 49	2 3	0 27	2 16	7 56	1 6	3 32	2 21	11 53	0 45	13 32	1 44	6 13	13 32	21 9	20 53	19 10	14 8	1 11
T 19	23 26	26 2	3 9	24 29	1 4	19 29	2 1	0 42	2 16	7 56	1 7	3 33	2 21	11 52	0 45	13 33	1 44	6 14	13 32	21 9	20 54	19 12	14 9	1 11
F 20	23 27	25 39	2 12	24 39	1 12	19 9	1 59	0 58	2 17	7 55	1 7	3 34	2 21	11 52	0 45	13 33	1 44	6 14	13 33	21 10	20 54	19 14	14 10	1 11
S 21	23 27	24 0	1 8	24 46	1 19	18 49	1 57	1 14	2 17	7 54	1 7	3 35	2 22	11 51	0 45	13 34	1 45	6 14	13 33	21 10	20 55	19 16	14 11	1 11
S 22	23 27	21 7	0s 1	24 50	1 26	18 28	1 55	1 30	2 18	7 54	1 8	3 36	2 22	11 50	0 45	13 34	1 45	6 14	13 33	21 10	20 55	19 18	14 12	1 12
M23	23 27	17 9	1 11	24 51	1 32	18 7	1 53	1 46	2 19	7 53	1 8	3 37	2 22	11 49	0 45	13 35	1 45	6 14	13 33	21 10	20 56	19 20	14 12	1 12
T 24	23 26	12 19	2 19	24 49	1 37	17 45	1 50	2 1	2 19	7 53	1 8	3 39	2 22	11 48	0 44	13 35	1 45	6 14	13 33	21 10	20 57	19 22	14 13	1 12
W25	23 25	6 50	3 20	24 45	1 42	17 23	1 48	2 17	2 20	7 53	1 8	3 40	2 23	11 47	0 44	13 36	1 45	6 14	13 33	21 10	20 57	19 24	14 14	1 12
T 26	23 24	0 56	4 12	24 38	1 46	17 1	1 45	2 32	2 20	7 53	1 9	3 41	2 23	11 47	0 44	13 36	1 45	6 14	13 33	21 10	20 58	19 26	14 15	1 12
F 27	23 22	5s 7	4 50	24 29	1 49	16 38	1 42	2 48	2 21	7 52	1 9	3 42	2 23	11 46	0 44	13 36	1 45	6 15	13 33	21 10	20 58	19 28	14 15	1 12
S 28	23 19	11 0	5 11	24 17	1 51	16 15	1 39	3 3	2 21	7 52	1 9	3 42	2 24	11 45	0 44	13 37	1 45	6 15	13 34	21 10	20 59	19 30	14 16	1 12
S 29	23 17	16 25	5 14	24 3	1 53	15 52	1 36	3 19	2 22	7 52	1 10	3 43	2 24	11 44	0 44	13 37	1 45	6 15	13 34	21 10	21 0	19 32	14 17	1 12
M30	23n14	20s58	4s57	23n47	1n54	15n29	1n33	3n34	2s22	7s52	1s10	3n44	2s24	11n43	0n44	13n38	1s45	6n15	13s34	21s10	21s 0	19n34	14n17	1s13

Julian Day Number = 2407501.5, Delta T = -3.01 sec
Ecliptic obliquity = 23°27'22, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°03'23, Lahiri = 22°10'23

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ASTRODIENST EPHEMERIS for the year 1879
geocentric

JULY 1879 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 34 42	8♋45'06	29♏20	22♋22	23♌35	15♈16	12♓43	15♈ 9	1♍20	11♉31	26♉52	24°R51	25♑44	10♉ 8	12♉ 2	T 1
W 2	18 38 39	9°42'16	13♐59	24°17	24°37	15°56	12°R43	15°11	1°22	11°33	26°53	24♑49	25°41	10°15	12° 4	W 2
T 3	18 42 35	10°39'27	28°33	26° 9	25°39	16°36	12°43	15°14	1°25	11°34	26°54	24°47	25°38	10°22	12° 7	T 3
F 4	18 46 32	11°36'38	12♑55	28° 0	26°41	17°17	12°43	15°17	1°28	11°35	26°56	24°46	25°34	10°29	12° 9	F 4
S 5	18 50 28	12°33'48	27° 0	29°48	27°43	17°57	12°42	15°19	1°30	11°37	26°57	24°D46	25°31	10°35	12°12	S 5
S 6	18 54 25	13°30'59	10♒44	1♌35	28°44	18°37	12°42	15°21	1°33	11°38	26°58	24°47	25°28	10°42	12°14	S 6
M 7	18 58 21	14°28'10	24° 5	3°19	29°45	19°16	12°41	15°23	1°36	11°39	26°58	24°47	25°25	10°49	12°16	M 7
T 8	19 2 18	15°25'21	7♓ 4	5° 1	0♏45	19°56	12°40	15°26	1°39	11°40	26°59	24°48	25°22	10°55	12°18	T 8
W 9	19 6 14	16°22'33	19°43	6°42	1°45	20°36	12°39	15°28	1°42	11°42	27° 0	24°49	25°19	11° 2	12°21	W 9
T 10	19 10 11	17°19'45	2♈ 4	8°20	2°45	21°15	12°37	15°29	1°45	11°43	27° 1	24°50	25°15	11° 9	12°23	T 10
F 11	19 14 8	18°16'57	14°11	9°56	3°45	21°54	12°36	15°31	1°48	11°44	27° 2	24°R50	25°12	11°16	12°25	F 11
S 12	19 18 4	19°14'10	26° 9	11°31	4°44	22°33	12°34	15°33	1°51	11°45	27° 3	24°50	25° 9	11°22	12°27	S 12
S 13	19 22 1	20°11'23	8♉ 2	13° 3	5°43	23°12	12°32	15°35	1°54	11°46	27° 4	24°50	25° 6	11°29	12°29	S 13
M14	19 25 57	21° 8'37	19°55	14°33	6°41	23°51	12°30	15°36	1°57	11°47	27° 5	24°49	25° 3	11°36	12°31	M14
T 15	19 29 54	22° 5'52	1♊52	16° 1	7°39	24°30	12°27	15°38	2° 0	11°48	27° 6	24°49	24°59	11°42	12°33	T 15
W16	19 33 50	23° 3'07	13°57	17°27	8°37	25° 8	12°25	15°39	2° 3	11°49	27° 7	24°49	24°56	11°49	12°35	W16
T 17	19 37 47	24° 0'23	26°12	18°51	9°34	25°46	12°22	15°40	2° 6	11°50	27° 7	24°48	24°53	11°56	12°37	T 17
F 18	19 41 43	24°57'40	8♋40	20°12	10°30	26°25	12°19	15°41	2° 9	11°51	27° 8	24°D48	24°50	12° 3	12°39	F 18
S 19	19 45 40	25°54'57	21°23	21°32	11°27	27° 2	12°16	15°42	2°12	11°52	27° 9	24°R48	24°47	12° 9	12°40	S 19
S 20	19 49 37	26°52'14	4♌21	22°49	12°23	27°40	12°13	15°43	2°15	11°53	27°10	24°48	24°44	12°16	12°42	S 20
M21	19 53 33	27°49'32	17°35	24° 4	13°18	28°18	12° 9	15°44	2°19	11°54	27°11	24°48	24°40	12°23	12°44	M21
T 22	19 57 30	28°46'51	1♍ 2	25°17	14°13	28°55	12° 6	15°45	2°22	11°55	27°11	24°48	24°37	12°29	12°45	T 22
W23	20 1 26	29°44'10	14°43	26°27	15° 7	29°32	12° 2	15°45	2°25	11°55	27°12	24°47	24°34	12°36	12°47	W23
T 24	20 5 23	0♌41'29	28°35	27°35	16° 1	0♉ 9	11°58	15°46	2°29	11°56	27°13	24°47	24°31	12°43	12°48	T 24
F 25	20 9 19	1°38'48	12♎36	28°40	16°54	0°46	11°54	15°46	2°32	11°57	27°13	24°46	24°28	12°50	12°50	F 25
S 26	20 13 16	2°36'08	26°45	29°42	17°46	1°23	11°49	15°46	2°35	11°57	27°14	24°D46	24°25	12°56	12°51	S 26
S 27	20 17 12	3°33'29	10♏59	0♍42	18°38	1°59	11°45	15°47	2°39	11°58	27°15	24°46	24°21	13° 3	12°52	S 27
M28	20 21 9	4°30'50	25°15	1°39	19°30	2°35	11°40	15°R47	2°42	11°59	27°15	24°46	24°18	13°10	12°53	M28
T 29	20 25 6	5°28'11	9♐31	2°32	20°20	3°11	11°35	15°47	2°46	11°59	27°16	24°47	24°15	13°16	12°55	T 29
W30	20 29 2	6°25'34	23°44	3°23	21°10	3°47	11°30	15°47	2°49	12° 0	27°17	24°48	24°12	13°23	12°56	W30
T 31	20 32 59	7♌22'56	7♑50	4♍10	22♍ 0	4♉22	11♓25	15♈46	2♍52	12♉ 0	27♉17	24♑49	24♑ 9	13♉30	12♉57	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n10	24s15	4s20	23n28	1n54	15n 5	1n30	3n49	2s23	7s52	1s10	3n45	2s24	11n42	0n44	13n38	1s45	6n15	13s34	21s10	21s 1	19n36	14n18	1s13
W 2	23 6	25 55	3 27	23 8	1 53	14 41	1 26	4 4	2 23	7 53	1 11	3 46	2 25	11 41	0 44	13 38	1 45	6 15	13 34	21 11	21 1	19 38	14 19	1 13
T 3	23 2	25 47	2 20	22 46	1 52	14 16	1 22	4 19	2 24	7 53	1 11	3 47	2 25	11 40	0 44	13 39	1 45	6 15	13 34	21 11	21 2	19 39	14 19	1 13
F 4	22 57	23 54	1 5	22 23	1 50	13 52	1 19	4 34	2 24	7 53	1 11	3 47	2 25	11 39	0 44	13 39	1 45	6 15	13 35	21 11	21 3	19 41	14 20	1 13
S 5	22 52	20 34	0n12	21 58	1 48	13 27	1 15	4 49	2 25	7 54	1 11	3 48	2 25	11 38	0 44	13 40	1 45	6 15	13 35	21 11	21 3	19 43	14 20	1 13
S 6	22 46	16 9	1 27	21 32	1 45	13 2	1 11	5 3	2 25	7 54	1 12	3 49	2 26	11 37	0 44	13 40	1 45	6 15	13 35	21 11	21 4	19 45	14 21	1 14
M 7	22 40	11 4	2 35	21 4	1 41	12 36	1 6	5 18	2 26	7 55	1 12	3 49	2 26	11 36	0 44	13 40	1 45	6 15	13 35	21 11	21 4	19 47	14 22	1 14
T 8	22 34	5 37	3 33	20 36	1 37	12 11	1 2	5 33	2 26	7 56	1 12	3 50	2 26	11 35	0 44	13 41	1 45	6 15	13 35	21 11	21 5	19 49	14 22	1 14
W 9	22 27	0 6	4 19	20 6	1 32	11 45	0 57	5 47	2 26	7 56	1 13	3 50	2 26	11 34	0 44	13 41	1 45	6 15	13 35	21 11	21 5	19 51	14 23	1 14
T 10	22 20	5n17	4 52	19 36	1 27	11 19	0 53	6 1	2 27	7 57	1 13	3 51	2 27	11 33	0 44	13 41	1 45	6 15	13 36	21 11	21 6	19 53	14 23	1 14
F 11	22 12	10 22	5 11	19 4	1 21	10 53	0 48	6 16	2 27	7 58	1 13	3 51	2 27	11 32	0 44	13 41	1 45	6 15	13 36	21 11	21 7	19 55	14 24	1 14
S 12	22 5	15 1	5 17	18 33	1 15	10 27	0 43	6 30	2 28	7 59	1 14	3 52	2 27	11 31	0 44	13 42	1 46	6 15	13 36	21 11	21 7	19 57	14 24	1 14
S 13	21 56	19 3	5 8	18 0	1 8	10 1	0 38	6 44	2 28	8 0	1 14	3 52	2 28	11 30	0 44	13 42	1 46	6 15	13 36	21 11	21 8	19 59	14 25	1 15
M14	21 48	22 20	4 47	17 27	1 1	9 34	0 33	6 58	2 28	8 1	1 14	3 52	2 28	11 28	0 44	13 42	1 46	6 15	13 36	21 11	21 8	20 1	14 25	1 15
T 15	21 39	24 41	4 13	16 54	0 53	9 8	0 27	7 12	2 29	8 2	1 14	3 53	2 28	11 27	0 44	13 43	1 46	6 15	13 37	21 11	21 9	20 2	14 26	1 15
W16	21 29	25 55	3 28	16 20	0 45	8 41	0 22	7 25	2 29	8 3	1 15	3 53	2 28	11 26	0 44	13 43	1 46	6 15	13 37	21 11	21 9	20 4	14 26	1 15
T 17	21 19	25 56	2 32	15 46	0 37	8 14	0 16	7 39	2 29	8 5	1 15	3 53	2 29	11 25	0 44	13 43	1 46	6 15	13 37	21 11	21 10	20 6	14 26	1 15
F 18	21 9	24 38	1 28	15 12	0 28	7 48	0 11	7 52	2 29	8 6	1 15	3 53	2 29	11 24	0 44	13 43	1 46	6 15	13 37	21 11	21 11	20 8	14 27	1 15
S 19	20 59	22 4	0 19	14 38	0 19	7 21	0 5	8 6	2 30	8 8	1 16	3 53	2 29	11 23	0 44	13 44	1 46	6 15	13 37	21 11	21 11	20 10	14 27	1 15
S 20	20 48	18 20	0s53	14 4	0 9	6 54	0s 2	8 19	2 30	8 9	1 16	3 53	2 30	11 22	0 44	13 44	1 46	6 15	13 38	21 11	21 12	20 12	14 28	1 16
M21	20 37	13 37	2 3	13 30	0s 1	6 27	0 8	8 32	2 30	8 11	1 16	3 53	2 30	11 20	0 44	13 44	1 46	6 15	13 38	21 11	21 12	20 14	14 28	1 16
T 22	20 25	8 11	3 8	12 56	0 11	6 0	0 14	8 45	2 30	8 12	1 16	3 53	2 30	11 19	0 44	13 44	1 46	6 15	13 38	21 11	21 13	20 15	14 28	1 16
W23	20 13	2 18	4 3	12 22	0 22	5 33	0 21	8 58	2 31	8 14	1 17	3 53	2 30	11 18	0 44	13 44	1 46	6 15	13 38	21 11	21 13	20 17	14 29	1 16
T 24	20 1	3s47	4 44	11 49	0 32	5 6	0 27	9 11	2 31	8 16	1 17	3 53	2 31	11 17	0 44	13 44	1 46	6 15	13 38	21 11	21 14	20 19	14 29	1 16
F 25	19 48	9 44	5 9	11 16	0 43	4 39	0 34	9 23	2 31	8 18	1 17	3 53	2 31	11 16	0 44	13 45	1 46	6 15	13 39	21 11	21 15	20 21	14 29	1 16
S 26	19 36	15 14	5 16	10 44	0 55	4 12	0 41	9 36	2 31	8 20	1 17	3 53	2 31	11 14	0 44	13 45	1 46	6 15	13 39	21 11	21 15	20 23	14 29	1 17
S 27	19 22	19 56	5 4	10 12	1 6	3 45	0 48	9 48	2 31	8 22	1 18	3 53	2 31	11 13	0 44	13 45	1 46	6 15	13 39	21 11	21 16	20 24	14 30	1 17
M28	19 9	23 30	4 33	9 41	1 18	3 18	0 56	10 0	2 31	8 24	1 18	3 53	2 32	11 12	0 44	13 45	1 46	6 15	13 39	21 11	21 16	20 26	14 30	1 17
T 29	18 55	25 36	3 45	9 11	1 30	2 52	1 3	10 13	2 31	8 26	1 18	3 52	2 32	11 11	0 44	13 45	1 47	6 15	13 40	21 11	21 17	20 28	14 30	1 17
W30	18 41	26 2	2 44	8 42	1 42	2 25	1 11	10 25	2 32	8 28	1 18	3 52	2 32	11 9	0 44	13 45	1 47	6 14	13 40	21 11	21 17	20 30	14 30	1 17
T 31	18n26	24s46	1s33	8n13	1s54	1n59	1s18	10n36	2s32	8s30	1s19	3n52	2s33	11n 8	0n44	13n45	1s47	6n14	13s40	21s11	21s18	20n32	14n30	1s17

Julian Day Number = 2407531.5, Delta T = -3.04 sec
Ecliptic obliquity = 23°27'21, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°03'27, Lahiri = 22°10'27

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ASTRODIENST EPHEMERIS for the year 1879
geocentric

AUGUST 1879 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 36 55	8♌20'20	21♑47	4♍54	22♍48	4♉57	11°R20	15°R46	2♍56	12♉ 1	27♉18	24°R49	24♑ 5	13♉37	12♉58	F 1
S 2	20 40 52	9°17'44	5♒31	5°34	23°36	5°32	11♓14	15♈46	2°59	12° 1	27°18	24♑49	24° 2	13°43	12°59	S 2
S 3	20 44 48	10°15'09	18°59	6°11	24°23	6° 7	11° 9	15°45	3° 3	12° 2	27°19	24°48	23°59	13°50	13° 0	S 3
M 4	20 48 45	11°12'35	2♓10	6°43	25° 9	6°42	11° 3	15°44	3° 7	12° 2	27°19	24°46	23°56	13°57	13° 1	M 4
T 5	20 52 41	12°10'02	15° 3	7°11	25°55	7°16	10°57	15°44	3°10	12° 3	27°20	24°44	23°53	14° 3	13° 1	T 5
W 6	20 56 38	13° 7'30	27°39	7°35	26°39	7°50	10°51	15°43	3°14	12° 3	27°20	24°42	23°50	14°10	13° 2	W 6
T 7	21 0 35	14° 5'00	9♈59	7°54	27°23	8°24	10°45	15°42	3°17	12° 3	27°21	24°39	23°46	14°17	13° 3	T 7
F 8	21 4 31	15° 2'30	22° 7	8° 9	28° 5	8°57	10°39	15°41	3°21	12° 4	27°21	24°37	23°43	14°24	13° 3	F 8
S 9	21 8 28	16° 0'03	4♉ 6	8°18	28°47	9°31	10°32	15°40	3°24	12° 4	27°21	24°35	23°40	14°30	13° 4	S 9
S 10	21 12 24	16°57'36	15°59	8°R22	29°28	10° 3	10°26	15°39	3°28	12° 4	27°22	24°D35	23°37	14°37	13° 4	S 10
M11	21 16 21	17°55'11	27°52	8°21	0♎ 7	10°36	10°19	15°37	3°32	12° 4	27°22	24°35	23°34	14°44	13° 5	M11
T 12	21 20 17	18°52'48	9♊49	8°15	0°46	11° 9	10°12	15°36	3°35	12° 4	27°23	24°36	23°31	14°50	13° 5	T 12
W13	21 24 14	19°50'26	21°56	8° 3	1°23	11°41	10° 5	15°34	3°39	12° 4	27°23	24°38	23°27	14°57	13° 6	W13
T 14	21 28 10	20°48'05	4♋16	7°46	1°59	12°12	9°58	15°33	3°43	12° 4	27°23	24°39	23°24	15° 4	13° 6	T 14
F 15	21 32 7	21°45'46	16°52	7°23	2°34	12°44	9°51	15°31	3°46	12° 5	27°23	24°40	23°21	15°11	13° 6	F 15
S 16	21 36 4	22°43'28	29°48	6°54	3° 8	13°15	9°44	15°29	3°50	12°R 5	27°24	24°R41	23°18	15°17	13° 6	S 16
S 17	21 40 0	23°41'12	13♌ 5	6°21	3°40	13°46	9°37	15°27	3°54	12° 5	27°24	24°39	23°15	15°24	13° 6	S 17
M18	21 43 57	24°38'57	26°41	5°42	4°11	14°16	9°29	15°25	3°58	12° 4	27°24	24°37	23°11	15°31	13°R 6	M18
T 19	21 47 53	25°36'43	10♍35	4°59	4°41	14°46	9°22	15°23	4° 1	12° 4	27°24	24°33	23° 8	15°37	13° 6	T 19
W20	21 51 50	26°34'31	24°43	4°13	5° 9	15°16	9°14	15°21	4° 5	12° 4	27°25	24°28	23° 5	15°44	13° 6	W20
T 21	21 55 46	27°32'20	9♎ 1	3°23	5°35	15°45	9° 7	15°19	4° 9	12° 4	27°25	24°23	23° 2	15°51	13° 6	T 21
F 22	21 59 43	28°30'10	23°24	2°31	6° 0	16°14	8°59	15°16	4°13	12° 4	27°25	24°19	22°59	15°58	13° 6	F 22
S 23	22 3 39	29°28'01	7♏45	1°37	6°23	16°43	8°51	15°14	4°16	12° 4	27°25	24°16	22°56	16° 4	13° 6	S 23
S 24	22 7 36	0♍25'54	22° 3	0°43	6°45	17°11	8°44	15°11	4°20	12° 3	27°25	24°14	22°52	16°11	13° 5	S 24
M25	22 11 33	1°23'48	6♐13	29♌50	7° 5	17°39	8°36	15° 8	4°24	12° 3	27°25	24°D14	22°49	16°18	13° 5	M25
T 26	22 15 29	2°21'43	20°15	28°58	7°23	18° 6	8°28	15° 6	4°28	12° 3	27°25	24°15	22°46	16°24	13° 4	T 26
W27	22 19 26	3°19'39	4♑ 7	28°10	7°39	18°33	8°20	15° 3	4°31	12° 2	27°25	24°17	22°43	16°31	13° 4	W27
T 28	22 23 22	4°17'37	17°48	27°26	7°53	19° 0	8°12	15° 0	4°35	12° 2	27°R25	24°R18	22°40	16°38	13° 3	T 28
F 29	22 27 19	5°15'36	1♒18	26°46	8° 5	19°26	8° 4	14°57	4°39	12° 2	27°25	24°18	22°37	16°45	13° 3	F 29
S 30	22 31 15	6°13'36	14°38	26°13	8°14	19°51	7°57	14°54	4°43	12° 1	27°25	24°16	22°33	16°51	13° 2	S 30
S 31	22 35 12	7♍11'38	27♒45	25♌47	8♎22	20♉17	7♓49	14♈51	4♍46	12♉ 1	27♉25	24♑12	22♑30	16♉58	13♉ 1	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n12	21s58	0s17	7n46	2s 6	1n32	1s26	10n48	2s32	8s32	1s19	3n51	2s33	11n 7	0n44	13n46	1s47	6n14	13s40	21s11	21s18	20n33	14n30	1s18
S 2	17 56	17 57	0n59	7 20	2 18	1 6	1 34	11 0	2 32	8 35	1 19	3 51	2 33	11 5	0 44	13 46	1 47	6 14	13 40	21 11	21 19	20 35	14 31	1 18
S 3	17 41	13 6	2 9	6 55	2 30	0 40	1 43	11 11	2 32	8 37	1 19	3 51	2 33	11 4	0 44	13 46	1 47	6 14	13 41	21 11	21 20	20 37	14 31	1 18
M 4	17 25	7 44	3 12	6 32	2 42	0 14	1 51	11 22	2 32	8 39	1 20	3 50	2 34	11 3	0 44	13 46	1 47	6 14	13 41	21 11	21 20	20 39	14 31	1 18
T 5	17 10	2 10	4 3	6 11	2 54	0s12	1 59	11 33	2 32	8 42	1 20	3 50	2 34	11 2	0 44	13 46	1 47	6 14	13 41	21 12	21 21	20 41	14 31	1 18
W 6	16 53	3n21	4 41	5 51	3 6	0 37	2 8	11 44	2 32	8 44	1 20	3 49	2 34	11 0	0 44	13 46	1 47	6 14	13 41	21 12	21 21	20 42	14 31	1 18
T 7	16 37	8 37	5 5	5 33	3 18	1 3	2 17	11 55	2 32	8 47	1 20	3 48	2 35	10 59	0 43	13 46	1 47	6 13	13 42	21 13	21 22	20 44	14 31	1 19
F 8	16 20	13 28	5 14	5 17	3 29	1 28	2 26	12 6	2 31	8 49	1 21	3 48	2 35	10 58	0 43	13 46	1 47	6 13	13 42	21 13	21 22	20 46	14 31	1 19
S 9	16 3	17 45	5 10	5 4	3 40	1 53	2 35	12 16	2 31	8 52	1 21	3 47	2 35	10 56	0 43	13 46	1 47	6 13	13 42	21 13	21 23	20 47	14 31	1 19
S 10	15 46	21 18	4 53	4 52	3 50	2 17	2 44	12 27	2 31	8 55	1 21	3 46	2 35	10 55	0 43	13 46	1 47	6 13	13 42	21 13	21 23	20 49	14 31	1 19
M11	15 28	23 58	4 23	4 43	4 0	2 42	2 53	12 37	2 31	8 57	1 21	3 46	2 36	10 54	0 43	13 46	1 47	6 13	13 43	21 13	21 24	20 51	14 31	1 19
T 12	15 11	25 36	3 42	4 37	4 9	3 6	3 3	12 47	2 31	9 0	1 21	3 45	2 36	10 52	0 43	13 46	1 47	6 13	13 43	21 13	21 24	20 53	14 31	1 19
W13	14 52	26 2	2 50	4 34	4 18	3 29	3 12	12 57	2 31	9 3	1 22	3 44	2 36	10 51	0 43	13 46	1 47	6 12	13 43	21 13	21 25	20 54	14 31	1 20
T 14	14 34	25 13	1 50	4 34	4 25	3 53	3 22	13 7	2 31	9 6	1 22	3 43	2 36	10 50	0 43	13 46	1 47	6 12	13 43	21 12	21 26	20 56	14 31	1 20
F 15	14 16	23 6	0 43	4 36	4 31	4 16	3 32	13 17	2 30	9 9	1 22	3 42	2 37	10 48	0 43	13 46	1 48	6 12	13 44	21 12	21 26	20 58	14 31	1 20
S 16	13 57	19 45	0s28	4 42	4 36	4 38	3 42	13 26	2 30	9 12	1 22	3 41	2 37	10 47	0 43	13 46	1 48	6 12	13 44	21 12	21 27	20 59	14 31	1 20
S 17	13 38	15 19	1 39	4 51	4 40	5 0	3 52	13 36	2 30	9 14	1 22	3 40	2 37	10 46	0 43	13 46	1 48	6 12	13 44	21 12	21 27	21 1	14 30	1 20
M18	13 19	10 1	2 46	5 3	4 42	5 22	4 2	13 45	2 30	9 17	1 22	3 39	2 37	10 44	0 43	13 46	1 48	6 11	13 44	21 13	21 28	21 3	14 30	1 20
T 19	13 0	4 8	3 45	5 18	4 43	5 43	4 12	13 54	2 29	9 20	1 23	3 38	2 38	10 43	0 43	13 46	1 48	6 11	13 45	21 14	21 28	21 5	14 30	1 21
W20	12 40	2s 3	4 31	5 36	4 42	6 4	4 23	14 3	2 29	9 23	1 23	3 37	2 38	10 42	0 43	13 45	1 48	6 11	13 45	21 14	21 29	21 6	14 30	1 21
T 21	12 20	8 10	5 0	5 57	4 38	6 24	4 33	14 11	2 29	9 26	1 23	3 36	2 38	10 40	0 43	13 45	1 48	6 11	13 45	21 15	21 29	21 8	14 30	1 21
F 22	12 0	13 54	5 11	6 20	4 33	6 43	4 44	14 20	2 28	9 29	1 23	3 35	2 38	10 39	0 43	13 45	1 48	6 11	13 45	21 16	21 30	21 10	14 30	1 21
S 23	11 40	18 52	5 3	6 45	4 27	7 2	4 54	14 29	2 28	9 32	1 23	3 34	2 39	10 37	0 43	13 45	1 48	6 10	13 46	21 17	21 30	21 11	14 29	1 21
S 24	11 20	22 43	4 36	7 12	4 18	7 21	5 5	14 37	2 28	9 35	1 23	3 33	2 39	10 36	0 43	13 45	1 48	6 10	13 46	21 17	21 31	21 13	14 29	1 21
M25	10 59	25 10	3 52	7 41	4 7	7 38	5 16	14 45	2 27	9 38	1 23	3 31	2 39	10 35	0 43	13 45	1 48	6 10	13 46	21 17	21 31	21 14	14 29	1 22
T 26	10 38	26 0	2 54	8 10	3 55	7 55	5 26	14 53	2 27	9 41	1 24	3 30	2 39	10 33	0 43	13 45	1 48	6 10	13 47	21 17	21 32	21 16	14 28	1 22
W27	10 18	25 11	1 47	8 40	3 41	8 11	5 37	15 1	2 26	9 45	1 24	3 29	2 39	10 32	0 43	13 44	1 48	6 9	13 47	21 17	21 32	21 18	14 28	1 22
T 28	9 57	22 51	0 35	9 9	3 25	8 27	5 48	15 9	2 26	9 48	1 24	3 27	2 40	10 31	0 43	13 44	1 48	6 9	13 47	21 16	21 33	21 19	14 28	1 22
F 29	9 35	19 16	0n38	9 38	3 9	8 41	5 58	15 16	2 25	9 51	1 24	3 26	2 40	10 29	0 43	13 44	1 48	6 9	13 47	21 16	21 34	21 21	14 27	1 22
S 30	9 14	14 44	1 48	10 6	2 51	8 55	6 9	15 23	2 25	9 54	1 24	3 25	2 40	10 28	0 43	13 44	1 48	6 9	13 48	21 17	21 34	21 23	14 27	1 22
S 31	8n53	9s35	2n51	10n32	2s33	9s 8	6s20	15n31	2s24	9s57	1s24	3n23	2s40	10n26	0n43	13n44	1s48	6n 8	13s48	21s17	21s35	21n24	14n27	1s23

Julian Day Number = 2407562.5, Delta T = -3.08 sec
Ecliptic obliquity = 23°27'21, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°03'31, Lahiri = 22°10'32

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ASTRODIENST EPHEMERIS for the year 1879
geocentric

SEPTEMBER 1879 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 39 8	8♍ 9'42	10♓39	25°R28	8♎28	20♉42	7°R41	14°R48	4♍50	12°R 0	27°R25	24°R 6	22♐27	17♉ 5	13°R 0	M 1
T 2	22 43 5	9° 7'47	23°20	25♌17	8°31	21° 6	7♓33	14♈44	4°54	12♉ 0	27♉25	23♐59	22°24	17°11	13♉ 0	T 2
W 3	22 47 2	10° 5'54	5♈48	25°D14	8°R32	21°30	7°25	14°41	4°58	11°59	27°25	23°50	22°21	17°18	12°59	W 3
T 4	22 50 58	11° 4'02	18° 3	25°20	8°30	21°53	7°17	14°37	5° 1	11°58	27°25	23°42	22°17	17°25	12°58	T 4
F 5	22 54 55	12° 2'13	0♉ 8	25°35	8°27	22°16	7° 9	14°34	5° 5	11°58	27°24	23°34	22°14	17°32	12°57	F 5
S 6	22 58 51	13° 0'26	12° 5	25°59	8°21	22°38	7° 1	14°30	5° 9	11°57	27°24	23°28	22°11	17°38	12°56	S 6
S 7	23 2 48	13°58'40	23°56	26°31	8°12	23° 0	6°53	14°27	5°13	11°56	27°24	23°24	22° 8	17°45	12°54	S 7
M 8	23 6 44	14°56'57	5♊48	27°12	8° 2	23°22	6°46	14°23	5°16	11°56	27°24	23°22	22° 5	17°52	12°53	M 8
T 9	23 10 41	15°55'16	17°43	28° 1	7°48	23°42	6°38	14°19	5°20	11°55	27°24	23°D21	22° 2	17°58	12°52	T 9
W10	23 14 37	16°53'37	29°48	28°57	7°33	24° 2	6°30	14°15	5°24	11°54	27°23	23°22	21°58	18° 5	12°51	W10
T 11	23 18 34	17°51'59	12♋ 8	0♍ 1	7°15	24°22	6°23	14°11	5°28	11°53	27°23	23°23	21°55	18°12	12°49	T 11
F 12	23 22 31	18°50'24	24°46	1°11	6°55	24°41	6°15	14° 7	5°31	11°53	27°23	23°R23	21°52	18°19	12°48	F 12
S 13	23 26 27	19°48'52	7♌48	2°28	6°33	25° 0	6° 7	14° 3	5°35	11°52	27°22	23°22	21°49	18°25	12°47	S 13
S 14	23 30 24	20°47'21	21°15	3°51	6° 8	25°17	6° 0	13°59	5°39	11°51	27°22	23°19	21°46	18°32	12°45	S 14
M15	23 34 20	21°45'52	5♍ 8	5°18	5°42	25°35	5°53	13°55	5°42	11°50	27°22	23°13	21°42	18°39	12°43	M15
T 16	23 38 17	22°44'25	19°24	6°50	5°14	25°51	5°45	13°51	5°46	11°49	27°21	23° 6	21°39	18°45	12°42	T 16
W17	23 42 13	23°43'00	3♎58	8°26	4°44	26° 7	5°38	13°47	5°50	11°48	27°21	22°57	21°36	18°52	12°40	W17
T 18	23 46 10	24°41'37	18°43	10° 5	4°12	26°22	5°31	13°42	5°53	11°47	27°21	22°47	21°33	18°59	12°38	T 18
F 19	23 50 6	25°40'15	3♏32	11°46	3°39	26°37	5°24	13°38	5°57	11°46	27°20	22°38	21°30	19° 5	12°37	F 19
S 20	23 54 3	26°38'56	18°15	13°30	3° 5	26°50	5°17	13°34	6° 0	11°45	27°20	22°31	21°27	19°12	12°35	S 20
S 21	23 58 0	27°37'38	2♐46	15°16	2°30	27° 4	5°10	13°29	6° 4	11°44	27°19	22°26	21°23	19°19	12°33	S 21
M22	0 1 56	28°36'22	17° 2	17° 4	1°54	27°16	5° 4	13°25	6° 8	11°43	27°19	22°24	21°20	19°26	12°31	M22
T 23	0 5 53	29°35'08	1♑ 1	18°52	1°17	27°28	4°57	13°20	6°11	11°41	27°18	22°D23	21°17	19°32	12°29	T 23
W24	0 9 49	0♎33'55	14°42	20°41	0°40	27°39	4°51	13°16	6°15	11°40	27°18	22°24	21°14	19°39	12°27	W24
T 25	0 13 46	1°32'44	28° 7	22°30	0° 3	27°49	4°44	13°11	6°18	11°39	27°17	22°R24	21°11	19°46	12°25	T 25
F 26	0 17 42	2°31'35	11♒18	24°20	29♍27	27°58	4°38	13° 7	6°22	11°38	27°16	22°22	21° 8	19°52	12°23	F 26
S 27	0 21 39	3°30'27	24°16	26°10	28°50	28° 7	4°32	13° 2	6°25	11°37	27°16	22°19	21° 4	19°59	12°21	S 27
S 28	0 25 35	4°29'21	7♓ 2	27°59	28°14	28°15	4°26	12°57	6°29	11°35	27°15	22°12	21° 1	20° 6	12°18	S 28
M29	0 29 32	5°28'18	19°38	29°48	27°40	28°22	4°21	12°53	6°32	11°34	27°15	22° 2	20°58	20°13	12°16	M29
T 30	0 33 29	6♎27'15	2♈ 4	1♎37	27♍ 6	28♉28	4♓15	12♈48	6♍35	11♉33	27♉14	21♐51	20♐55	20♉19	12♉14	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n31	4s 7	3n44	10n56	2s15	9s19	6s30	15n38	2s24	10s 0	1s24	3n22	2s40	10n25	0n43	13n44	1s49	6n 8	13s48	21s18	21s35	21n26	14n26	1s23
T 2	8 9	1n24	4 25	11 17	1 56	9 30	6 40	15 45	2 23	10 3	1 24	3 20	2 41	10 24	0 43	13 43	1 49	6 8	13 48	21 20	21 36	21 27	14 26	1 23
W 3	7 47	6 46	4 52	11 36	1 37	9 40	6 50	15 52	2 22	10 6	1 24	3 19	2 41	10 22	0 43	13 43	1 49	6 8	13 49	21 21	21 36	21 29	14 25	1 23
T 4	7 25	11 47	5 6	11 52	1 18	9 48	7 0	15 58	2 22	10 9	1 24	3 18	2 41	10 21	0 43	13 43	1 49	6 7	13 49	21 23	21 37	21 31	14 25	1 23
F 5	7 3	16 17	5 5	12 4	0 59	9 56	7 10	16 5	2 21	10 12	1 24	3 16	2 41	10 20	0 43	13 43	1 49	6 7	13 49	21 24	21 37	21 32	14 25	1 23
S 6	6 41	20 5	4 51	12 13	0 42	10 2	7 19	16 11	2 20	10 15	1 24	3 14	2 41	10 18	0 43	13 42	1 49	6 7	13 49	21 25	21 38	21 34	14 24	1 24
S 7	6 18	23 3	4 25	12 18	0 24	10 7	7 29	16 17	2 19	10 18	1 24	3 13	2 42	10 17	0 43	13 42	1 49	6 6	13 50	21 26	21 38	21 35	14 24	1 24
M 8	5 56	25 1	3 47	12 20	0 8	10 11	7 37	16 23	2 18	10 21	1 24	3 11	2 42	10 15	0 43	13 42	1 49	6 6	13 50	21 26	21 39	21 37	14 23	1 24
T 9	5 33	25 52	2 59	12 18	0n 8	10 13	7 46	16 29	2 18	10 24	1 24	3 10	2 42	10 14	0 43	13 42	1 49	6 6	13 50	21 26	21 39	21 38	14 23	1 24
W10	5 11	25 31	2 3	12 12	0 22	10 14	7 54	16 35	2 17	10 26	1 25	3 8	2 42	10 13	0 43	13 41	1 49	6 6	13 50	21 26	21 40	21 40	14 22	1 24
T 11	4 48	23 54	1 0	12 2	0 36	10 14	8 1	16 41	2 16	10 29	1 25	3 6	2 42	10 11	0 43	13 41	1 49	6 5	13 51	21 26	21 40	21 41	14 21	1 24
F 12	4 25	21 4	0s 7	11 48	0 48	10 12	8 8	16 46	2 15	10 32	1 25	3 5	2 42	10 10	0 43	13 41	1 49	6 5	13 51	21 26	21 41	21 43	14 21	1 25
S 13	4 2	17 6	1 16	11 31	0 59	10 9	8 14	16 52	2 14	10 35	1 25	3 3	2 43	10 9	0 44	13 40	1 49	6 5	13 51	21 26	21 41	21 44	14 20	1 25
S 14	3 39	12 10	2 23	11 11	1 9	10 5	8 20	16 57	2 13	10 38	1 25	3 1	2 43	10 7	0 44	13 40	1 49	6 4	13 51	21 26	21 42	21 46	14 20	1 25
M15	3 16	6 29	3 24	10 47	1 18	9 59	8 24	17 2	2 12	10 40	1 25	3 0	2 43	10 6	0 44	13 40	1 49	6 4	13 51	21 27	21 42	21 47	14 19	1 25
T 16	2 53	0 19	4 13	10 20	1 26	9 51	8 29	17 7	2 11	10 43	1 24	2 58	2 43	10 5	0 44	13 39	1 49	6 4	13 52	21 29	21 43	21 49	14 18	1 25
W17	2 30	5s58	4 47	9 51	1 33	9 42	8 32	17 12	2 10	10 46	1 24	2 56	2 43	10 3	0 44	13 39	1 49	6 3	13 52	21 30	21 43	21 50	14 18	1 25
T 18	2 7	12 0	5 3	9 19	1 38	9 32	8 35	17 16	2 9	10 48	1 24	2 54	2 43	10 2	0 44	13 39	1 49	6 3	13 52	21 32	21 44	21 52	14 17	1 26
F 19	1 43	17 22	4 58	8 44	1 43	9 21	8 36	17 21	2 7	10 51	1 24	2 52	2 43	10 1	0 44	13 38	1 49	6 3	13 52	21 33	21 44	21 53	14 16	1 26
S 20	1 20	21 39	4 34	8 7	1 46	9 8	8 37	17 25	2 6	10 53	1 24	2 51	2 43	9 59	0 44	13 38	1 50	6 3	13 53	21 34	21 45	21 55	14 16	1 26
S 21	0 57	24 31	3 52	7 29	1 49	8 54	8 37	17 29	2 5	10 56	1 24	2 49	2 44	9 58	0 44	13 38	1 50	6 2	13 53	21 35	21 45	21 56	14 15	1 26
M22	0 33	25 45	2 56	6 49	1 51	8 38	8 36	17 33	2 4	10 58	1 24	2 47	2 44	9 57	0 44	13 37	1 50	6 2	13 53	21 36	21 46	21 58	14 14	1 26
T 23	0 10	25 18	1 51	6 7	1 51	8 22	8 34	17 37	2 2	11 0	1 24	2 45	2 44	9 56	0 44	13 37	1 50	6 2	13 53	21 36	21 46	21 59	14 13	1 26
W24	0s13	23 19	0 41	5 24	1 51	8 5	8 31	17 41	2 1	11 3	1 24	2 43	2 44	9 54	0 44	13 36	1 50	6 1	13 54	21 36	21 47	22 1	14 13	1 26
T 25	0 37	20 3	0n30	4 40	1 51	7 46	8 27	17 45	1 59	11 5	1 24	2 42	2 44	9 53	0 44	13 36	1 50	6 1	13 54	21 36	21 47	22 2	14 12	1 27
F 26	1 0	15 49	1 39	3 56	1 49	7 27	8 22	17 48	1 58	11 7	1 24	2 40	2 44	9 52	0 44	13 36	1 50	6 1	13 54	21 36	21 48	22 4	14 11	1 27
S 27	1 24	10 55	2 40	3 10	1 47	7 8	8 17	17 52	1 56	11 9	1 24	2 38	2 44	9 50	0 44	13 35	1 50	6 0	13 54	21 36	21 48	22 5	14 10	1 27
S 28	1 47	5 38	3 33	2 24	1 45	6 47	8 10	17 55	1 55	11 11	1 24	2 36	2 44	9 49	0 44	13 35	1 50	6 0	13 54	21 38	21 49	22 7	14 10	1 27
M29	2 10	0 12	4 14	1 38	1 42	6 27	8 3	17 58	1 53	11 13	1 24	2 34	2 44	9 48	0 44	13 34	1 50	6 0	13 55	21 39	21 49	22 8	14 9	1 27
T 30	2s34	5n 9	4n43	0n52	1n38	6s 6	7s55	18n 1	1s51	11s15	1s24	2n32	2s44	9n47	0n44	13n34	1s50	5n59	13s55	21s41	21s50	22n 9	14n 8	1s27

Julian Day Number = 2407593.5, Delta T = -3.11 sec
Ecliptic obliquity = 23°27'22, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°03'35, Lahiri = 22°10'36

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ASTRODIENST EPHEMERIS for the year 1879
geocentric

OCTOBER 1879 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 37 25	7♎26'16	14♈20	3♎25	26°R33	28♉34	4°R10	12°R43	6♍39	11°R32	27°R13	21°R37	20♏52	20♉26	12°R12	W 1
T 2	0 41 22	8°25'18	26°28	5°13	26♍ 2	28°38	4♓ 4	12♈39	6°42	11♉30	27♉13	21♏24	20°48	20°33	12♉ 9	T 2
F 3	0 45 18	9°24'22	8♉28	7° 0	25°33	28°42	3°59	12°34	6°45	11°29	27°12	21°11	20°45	20°39	12° 7	F 3
S 4	0 49 15	10°23'28	20°21	8°46	25° 6	28°45	3°54	12°29	6°49	11°27	27°11	21° 0	20°42	20°46	12° 4	S 4
S 5	0 53 11	11°22'37	2♊11	10°32	24°40	28°47	3°50	12°25	6°52	11°26	27°11	20°52	20°39	20°53	12° 2	S 5
M 6	0 57 8	12°21'48	14° 0	12°17	24°17	28°48	3°45	12°20	6°55	11°25	27°10	20°46	20°36	20°59	11°59	M 6
T 7	1 1 4	13°21'01	25°54	14° 1	23°56	28°R49	3°40	12°15	6°58	11°23	27° 9	20°43	20°33	21° 6	11°57	T 7
W 8	1 5 1	14°20'17	7♋55	15°44	23°37	28°48	3°36	12°10	7° 2	11°22	27° 8	20°42	20°29	21°13	11°54	W 8
T 9	1 8 57	15°19'35	20°11	17°27	23°21	28°46	3°32	12° 6	7° 5	11°20	27° 7	20°42	20°26	21°20	11°52	T 9
F 10	1 12 54	16°18'55	2♌46	19° 9	23° 6	28°44	3°28	12° 1	7° 8	11°19	27° 7	20°42	20°23	21°26	11°49	F 10
S 11	1 16 51	17°18'18	15°46	20°50	22°55	28°41	3°24	11°56	7°11	11°17	27° 6	20°40	20°20	21°33	11°46	S 11
S 12	1 20 47	18°17'42	29°13	22°30	22°46	28°37	3°21	11°52	7°14	11°16	27° 5	20°36	20°17	21°40	11°44	S 12
M13	1 24 44	19°17'09	13♍ 9	24°10	22°39	28°32	3°18	11°47	7°17	11°14	27° 4	20°30	20°14	21°46	11°41	M13
T 14	1 28 40	20°16'39	27°35	25°49	22°35	28°26	3°14	11°42	7°20	11°13	27° 3	20°21	20°10	21°53	11°38	T 14
W15	1 32 37	21°16'10	12♎24	27°27	22°D33	28°19	3°11	11°38	7°23	11°11	27° 2	20°10	20° 7	22° 0	11°35	W15
T 16	1 36 33	22°15'43	27°28	29° 5	22°34	28°11	3° 9	11°33	7°26	11°10	27° 2	19°58	20° 4	22° 6	11°33	T 16
F 17	1 40 30	23°15'19	12♏39	0♏42	22°37	28° 2	3° 6	11°28	7°29	11° 8	27° 1	19°47	20° 1	22°13	11°30	F 17
S 18	1 44 26	24°14'57	27°45	2°18	22°42	27°53	3° 4	11°24	7°32	11° 6	27° 0	19°38	19°58	22°20	11°27	S 18
S 19	1 48 23	25°14'36	12♐36	3°54	22°49	27°42	3° 1	11°19	7°35	11° 5	26°59	19°32	19°54	22°27	11°24	S 19
M20	1 52 20	26°14'17	27° 7	5°29	22°59	27°31	2°59	11°15	7°38	11° 3	26°58	19°28	19°51	22°33	11°21	M20
T 21	1 56 16	27°14'00	11♑14	7° 3	23°11	27°19	2°58	11°10	7°40	11° 2	26°57	19°27	19°48	22°40	11°18	T 21
W22	2 0 13	28°13'45	24°57	8°37	23°25	27° 6	2°56	11° 6	7°43	11° 0	26°56	19°27	19°45	22°47	11°15	W22
T 23	2 4 9	29°13'31	8♒18	10°11	23°41	26°52	2°55	11° 2	7°46	10°58	26°55	19°26	19°42	22°53	11°12	T 23
F 24	2 8 6	0♏13'19	21°19	11°43	23°59	26°38	2°53	10°57	7°48	10°57	26°54	19°25	19°39	23° 0	11° 9	F 24
S 25	2 12 2	1°13'08	4♓ 4	13°16	24°19	26°23	2°52	10°53	7°51	10°55	26°53	19°21	19°35	23° 7	11° 6	S 25
S 26	2 15 59	2°12'59	16°36	14°47	24°41	26° 7	2°52	10°49	7°54	10°53	26°52	19°14	19°32	23°13	11° 3	S 26
M27	2 19 55	3°12'52	28°57	16°19	25° 5	25°50	2°51	10°45	7°56	10°52	26°51	19° 5	19°29	23°20	11° 0	M27
T 28	2 23 52	4°12'47	11♈ 9	17°49	25°31	25°33	2°51	10°40	7°59	10°50	26°50	18°53	19°26	23°27	10°57	T 28
W29	2 27 49	5°12'43	23°14	19°20	25°58	25°15	2°D51	10°36	8° 1	10°48	26°49	18°39	19°23	23°34	10°54	W29
T 30	2 31 45	6°12'42	5♉14	20°49	26°27	24°57	2°51	10°32	8° 3	10°47	26°48	18°26	19°19	23°40	10°51	T 30
F 31	2 35 42	7♏12'42	17♉ 8	22♏18	26♍57	24♉38	2♓51	10♈28	8♍ 6	10♉45	26♉47	18♏13	19♏16	23♉47	10♉48	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	2s57	10n14	4n58	0n 5	1n35	5s45	7s46	18n 4	1s50	11s17	1s23	2n30	2s44	9n45	0n44	13n33	1s50	5n59	13s55	21s43	21s50	22n11	14n 7	1s27	W 1
T 2	3 21	14 52	4 59	0s42	1 30	5 24	7 36	18 7	1 48	11 19	1 23	2 29	2 44	9 44	0 44	13 33	1 50	5 59	13 55	21 45	21 51	22 12	14 6	1 28	T 2
F 3	3 44	18 51	4 47	1 28	1 26	5 3	7 26	18 10	1 46	11 21	1 23	2 27	2 44	9 43	0 44	13 33	1 50	5 58	13 55	21 47	21 51	22 14	14 5	1 28	F 3
S 4	4 7	22 4	4 22	2 15	1 21	4 42	7 15	18 12	1 44	11 22	1 23	2 25	2 44	9 42	0 44	13 32	1 50	5 58	13 56	21 49	21 52	22 15	14 4	1 28	S 4
S 5	4 30	24 19	3 47	3 1	1 15	4 22	7 4	18 14	1 42	11 24	1 23	2 23	2 44	9 41	0 44	13 32	1 50	5 58	13 56	21 50	21 52	22 16	14 4	1 28	S 5
M 6	4 53	25 30	3 1	3 47	1 10	4 2	6 52	18 17	1 40	11 26	1 23	2 21	2 44	9 39	0 44	13 31	1 50	5 57	13 56	21 51	21 53	22 18	14 3	1 28	M 6
T 7	5 16	25 31	2 7	4 33	1 4	3 42	6 40	18 19	1 38	11 27	1 23	2 19	2 44	9 38	0 44	13 31	1 50	5 57	13 56	21 51	21 53	22 19	14 2	1 28	T 7
W 8	5 39	24 20	1 7	5 18	0 58	3 23	6 27	18 21	1 36	11 29	1 23	2 17	2 44	9 37	0 44	13 30	1 50	5 57	13 56	21 52	21 54	22 21	14 1	1 28	W 8
T 9	6 2	21 59	0 3	6 3	0 52	3 5	6 14	18 22	1 34	11 30	1 23	2 16	2 44	9 36	0 44	13 30	1 50	5 56	13 56	21 52	21 54	22 22	14 0	1 29	T 9
F 10	6 25	18 31	1s 3	6 48	0 46	2 47	6 1	18 24	1 32	11 31	1 22	2 14	2 44	9 35	0 44	13 29	1 50	5 56	13 57	21 52	21 54	22 23	13 59	1 29	F 10
S 11	6 48	14 5	2 8	7 32	0 39	2 31	5 48	18 25	1 29	11 32	1 22	2 12	2 44	9 34	0 44	13 29	1 50	5 56	13 57	21 52	21 55	22 25	13 58	1 29	S 11
S 12	7 11	8 49	3 8	8 15	0 33	2 15	5 34	18 27	1 27	11 34	1 22	2 10	2 44	9 33	0 44	13 28	1 50	5 55	13 57	21 52	21 55	22 26	13 57	1 29	S 12
M13	7 33	2 56	3 59	8 58	0 26	2 0	5 21	18 28	1 25	11 35	1 22	2 8	2 44	9 31	0 44	13 28	1 50	5 55	13 57	21 53	21 56	22 27	13 56	1 29	M13
T 14	7 56	3s16	4 37	9 41	0 20	1 46	5 7	18 29	1 22	11 36	1 22	2 7	2 44	9 30	0 44	13 27	1 50	5 55	13 57	21 55	21 56	22 29	13 55	1 29	T 14
W15	8 18	9 28	4 57	10 22	0 13	1 32	4 54	18 30	1 20	11 37	1 22	2 5	2 44	9 29	0 44	13 27	1 50	5 54	13 57	21 56	21 57	22 30	13 54	1 29	W15
T 16	8 40	15 12	4 58	11 4	0 6	1 20	4 40	18 31	1 17	11 38	1 21	2 3	2 44	9 28	0 44	13 26	1 50	5 54	13 57	21 58	21 57	22 31	13 53	1 29	T 16
F 17	9 3	20 2	4 37	11 44	0s 1	1 9	4 27	18 31	1 15	11 38	1 21	2 1	2 44	9 27	0 44	13 26	1 50	5 54	13 58	22 0	21 58	22 33	13 52	1 30	F 17
S 18	9 25	23 31	3 57	12 24	0 8	0 59	4 13	18 32	1 12	11 39	1 21	2 0	2 44	9 26	0 44	13 25	1 50	5 53	13 58	22 1	21 58	22 34	13 51	1 30	S 18
S 19	9 46	25 19	3 1	13 3	0 14	0 49	4 0	18 32	1 9	11 40	1 21	1 58	2 44	9 25	0 44	13 25	1 50	5 53	13 58	22 2	21 59	22 35	13 50	1 30	S 19
M20	10 8	25 21	1 55	13 42	0 21	0 41	3 47	18 32	1 7	11 40	1 21	1 56	2 44	9 24	0 44	13 24	1 50	5 53	13 58	22 3	21 59	22 37	13 49	1 30	M20
T 21	10 30	23 42	0 43	14 19	0 28	0 34	3 34	18 32	1 4	11 41	1 21	1 55	2 44	9 23	0 44	13 24	1 50	5 52	13 58	22 3	22 0	22 38	13 48	1 30	T 21
W22	10 51	20 41	0n29	14 56	0 35	0 28	3 21	18 32	1 1	11 41	1 20	1 53	2 44	9 22	0 44	13 23	1 50	5 52	13 58	22 3	22 0	22 39	13 47	1 30	W22
T 23	11 12	16 38	1 38	15 32	0 42	0 22	3 8	18 32	0 58	11 41	1 20	1 51	2 44	9 21	0 44	13 23	1 50	5 52	13 58	22 3	22 1	22 40	13 46	1 30	T 23
F 24	11 33	11 53	2 40	16 8	0 48	0 18	2 56	18 31	0 55	11 42	1 20	1 50	2 44	9 20	0 44	13 22	1 50	5 51	13 58	22 3	22 1	22 42	13 45	1 30	F 24
S 25	11 54	6 43	3 33	16 42	0 55	0 15	2 43	18 31	0 52	11 42	1 20	1 48	2 44	9 19	0 44	13 22	1 51	5 51	13 59	22 4	22 1	22 43	13 44	1 31	S 25
S 26	12 15	1 24	4 14	17 16	1 1	0 12	2 31	18 30	0 49	11 42	1 20	1 47	2 43	9 18	0 45	13 21	1 51	5 51	13 59	22 4	22 2	22 44	13 43	1 31	S 26
M27	12 36	3n54	4 43	17 49	1 8	0 11	2 20	18 29	0 46	11 42	1 20	1 45	2 43	9 17	0 45	13 21	1 51	5 51	13 59	22 6	22 2	22 45	13 42	1 31	M27
T 28	12 56	8 59	4 58	18 20	1 14	0 10	2 8	18 28	0 43	11 42	1 19	1 43	2 43	9 16	0 45	13 20	1 51	5 50	13 59	22 8	22 3	22 47	13 41	1 31	T 28
W29	13 16	13 40	5 0	18 52	1 20	0 11	1 57	18 27	0 40	11 42	1 19	1 42	2 43	9 16	0 45	13 20	1 51	5 50	13 59	22 9	22 3	22 48	13 40	1 31	W29
T 30	13 36	17 48	4 48	19 22	1 26	0 12	1 45	18 25	0 37	11 42	1 19	1 41	2 43	9 15	0 45	13 19	1 51	5 50	13 59	22 11	22 4	22 49	13 39	1 31	T 30
F 31	13s56	21n11	4n24	19s51	1s32	0s14	1s34	18n24	0s33	11s41	1s19	1n39	2s43	9n14	0n45	13n19	1s51	5n49	13s59	22s13	22s 4	22n50	13n38	1s31	F 31

Julian Day Number = 2407623.5, Delta T = -3.14 sec
Ecliptic obliquity = 23°27'22, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°03'40, Lahiri = 22°10'40

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1879
geocentric

NOVEMBER 1879 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 39 38	8♏12'44	28♉59	23♏47	27♍29	24°R18	2♓51	10°R25	8♍ 8	10°R43	26°R46	18°R 1	19♐13	23♉54	10°R45	S 1
S 2	2 43 35	9°12'49	10♊48	25°15	28° 3	23♉59	2°52	10♈21	8°10	10♉42	26♉45	17♐53	19°10	24° 0	10♉42	S 2
M 3	2 47 31	10°12'55	22°39	26°43	28°38	23°38	2°53	10°17	8°13	10°40	26°44	17°47	19° 7	24° 7	10°39	M 3
T 4	2 51 28	11°13'03	4♋33	28°10	29°14	23°18	2°54	10°13	8°15	10°38	26°43	17°44	19° 4	24°14	10°36	T 4
W 5	2 55 24	12°13'13	16°34	29°36	29°52	22°57	2°55	10°10	8°17	10°37	26°41	17°D43	19° 0	24°20	10°33	W 5
T 6	2 59 21	13°13'26	28°48	1♐ 2	0♎30	22°35	2°57	10° 6	8°19	10°35	26°40	17°43	18°57	24°27	10°30	T 6
F 7	3 3 18	14°13'40	11♌20	2°27	1°11	22°14	2°58	10° 3	8°21	10°33	26°39	17°R44	18°54	24°34	10°27	F 7
S 8	3 7 14	15°13'56	24°13	3°52	1°52	21°52	3° 0	9°59	8°23	10°32	26°38	17°44	18°51	24°41	10°24	S 8
S 9	3 11 11	16°14'15	7♍33	5°15	2°34	21°30	3° 2	9°56	8°25	10°30	26°37	17°41	18°48	24°47	10°21	S 9
M10	3 15 7	17°14'35	21°22	6°38	3°18	21° 8	3° 4	9°53	8°27	10°28	26°36	17°37	18°45	24°54	10°18	M10
T 11	3 19 4	18°14'57	5♎42	8° 0	4° 3	20°46	3° 7	9°49	8°29	10°26	26°35	17°30	18°41	25° 1	10°15	T 11
W12	3 23 0	19°15'22	20°28	9°21	4°48	20°25	3°10	9°46	8°31	10°25	26°34	17°22	18°38	25° 7	10°12	W12
T 13	3 26 57	20°15'48	5♏35	10°40	5°35	20° 3	3°12	9°43	8°32	10°23	26°33	17°13	18°35	25°14	10° 9	T 13
F 14	3 30 53	21°16'15	20°53	11°59	6°22	19°41	3°15	9°40	8°34	10°21	26°32	17° 4	18°32	25°21	10° 6	F 14
S 15	3 34 50	22°16'45	6♐11	13°16	7°11	19°20	3°19	9°37	8°36	10°20	26°30	16°57	18°29	25°27	10° 3	S 15
S 16	3 38 47	23°17'16	21°18	14°31	8° 0	18°58	3°22	9°35	8°37	10°18	26°29	16°52	18°25	25°34	10° 0	S 16
M17	3 42 43	24°17'49	6♑ 5	15°45	8°50	18°37	3°26	9°32	8°39	10°17	26°28	16°49	18°22	25°41	9°57	M17
T 18	3 46 40	25°18'22	20°27	16°57	9°41	18°17	3°30	9°29	8°41	10°15	26°27	16°D49	18°19	25°48	9°54	T 18
W19	3 50 36	26°18'57	4♒21	18° 6	10°33	17°57	3°34	9°27	8°42	10°13	26°26	16°50	18°16	25°54	9°51	W19
T 20	3 54 33	27°19'34	17°48	19°13	11°25	17°37	3°38	9°25	8°43	10°12	26°25	16°51	18°13	26° 1	9°48	T 20
F 21	3 58 29	28°20'11	0♓51	20°16	12°18	17°17	3°42	9°22	8°45	10°10	26°24	16°R51	18°10	26° 8	9°45	F 21
S 22	4 2 26	29°20'49	13°34	21°17	13°12	16°59	3°47	9°20	8°46	10° 9	26°23	16°50	18° 6	26°14	9°42	S 22
S 23	4 6 22	0♗21'29	25°59	22°13	14° 6	16°40	3°52	9°18	8°47	10° 7	26°21	16°47	18° 3	26°21	9°40	S 23
M24	4 10 19	1°22'09	8♈12	23° 5	15° 1	16°23	3°57	9°16	8°48	10° 5	26°20	16°41	18° 0	26°28	9°37	M24
T 25	4 14 16	2°22'51	20°16	23°52	15°57	16° 6	4° 2	9°14	8°50	10° 4	26°19	16°34	17°57	26°34	9°34	T 25
W26	4 18 12	3°23'34	2♉13	24°33	16°53	15°49	4° 7	9°12	8°51	10° 2	26°18	16°26	17°54	26°41	9°31	W26
T 27	4 22 9	4°24'18	14° 6	25° 9	17°50	15°34	4°13	9°11	8°52	10° 1	26°17	16°17	17°51	26°48	9°29	T 27
F 28	4 26 5	5°25'04	25°57	25°37	18°48	15°19	4°18	9° 9	8°53	9°59	26°16	16° 9	17°47	26°54	9°26	F 28
S 29	4 30 2	6°25'50	7♊48	25°57	19°46	15° 4	4°24	9° 8	8°54	9°58	26°15	16° 2	17°44	27° 1	9°23	S 29
S 30	4 33 58	7♗26'38	19♊40	26♐ 8	20♎44	14♉51	4♓30	9♈ 6	8♍54	9♉56	26♉14	15♐57	17♐41	27♉ 8	9♉21	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s15	23n39	3n48	20s19	1s38	0s17	1s24	18n22	0s30	11s41	1s19	1n38	2s43	9n13	0n45	13n18	1s51	5n49	13s59	22s14	22s 5	22n52	13n37	1s31
S 2	14 34	25 6	3 3	20 46	1 44	0 21	1 13	18 21	0 27	11 41	1 18	1 36	2 43	9 12	0 45	13 17	1 51	5 49	13 59	22 16	22 5	22 53	13 36	1 31
M 3	14 54	25 24	2 9	21 12	1 49	0 25	1 3	18 19	0 24	11 40	1 18	1 35	2 42	9 11	0 45	13 17	1 51	5 48	13 59	22 16	22 6	22 54	13 35	1 31
T 4	15 12	24 32	1 10	21 37	1 54	0 31	0 53	18 17	0 20	11 40	1 18	1 34	2 42	9 11	0 45	13 16	1 51	5 48	13 59	22 17	22 6	22 55	13 34	1 32
W 5	15 31	22 32	0 6	22 1	1 59	0 37	0 44	18 15	0 17	11 39	1 18	1 32	2 42	9 10	0 45	13 16	1 51	5 48	13 59	22 17	22 6	22 56	13 33	1 32
T 6	15 49	19 27	0s59	22 24	2 4	0 44	0 34	18 13	0 14	11 38	1 18	1 31	2 42	9 9	0 45	13 15	1 51	5 48	13 59	22 17	22 7	22 58	13 32	1 32
F 7	16 7	15 26	2 3	22 46	2 9	0 51	0 25	18 10	0 11	11 37	1 17	1 30	2 42	9 8	0 45	13 15	1 51	5 47	13 59	22 17	22 7	22 59	13 31	1 32
S 8	16 25	10 36	3 2	23 7	2 13	0 59	0 16	18 8	0 7	11 37	1 17	1 29	2 42	9 8	0 45	13 14	1 51	5 47	13 59	22 17	22 8	23 0	13 30	1 32
S 9	16 42	5 7	3 54	23 26	2 17	1 8	0 8	18 5	0 4	11 36	1 17	1 28	2 42	9 7	0 45	13 14	1 51	5 47	13 59	22 17	22 8	23 1	13 29	1 32
M10	17 0	0s46	4 34	23 44	2 20	1 18	0n 1	18 3	0 1	11 35	1 17	1 26	2 41	9 6	0 45	13 13	1 51	5 47	13 59	22 18	22 9	23 2	13 28	1 32
T 11	17 16	6 50	4 58	24 1	2 24	1 28	0 9	18 0	0n 3	11 34	1 17	1 25	2 41	9 6	0 45	13 13	1 51	5 46	13 59	22 19	22 9	23 3	13 27	1 32
W12	17 33	12 42	5 4	24 17	2 27	1 39	0 17	17 57	0 6	11 32	1 16	1 24	2 41	9 5	0 45	13 12	1 50	5 46	13 59	22 20	22 10	23 4	13 26	1 32
T 13	17 49	17 56	4 50	24 31	2 29	1 50	0 25	17 55	0 9	11 31	1 16	1 23	2 41	9 4	0 45	13 12	1 50	5 46	14 0	22 21	22 10	23 6	13 25	1 32
F 14	18 5	22 4	4 14	24 45	2 31	2 2	0 32	17 52	0 12	11 30	1 16	1 22	2 41	9 4	0 45	13 11	1 50	5 46	14 0	22 22	22 10	23 7	13 24	1 32
S 15	18 21	24 38	3 20	24 56	2 33	2 15	0 40	17 49	0 16	11 29	1 16	1 21	2 40	9 3	0 45	13 11	1 50	5 45	13 59	22 23	22 11	23 8	13 23	1 32
S 16	18 36	25 22	2 13	25 7	2 34	2 28	0 47	17 46	0 19	11 27	1 16	1 21	2 40	9 3	0 45	13 10	1 50	5 45	13 59	22 23	22 11	23 9	13 22	1 33
M17	18 51	24 16	0 57	25 16	2 35	2 41	0 53	17 44	0 22	11 26	1 15	1 20	2 40	9 2	0 45	13 10	1 50	5 45	13 59	22 24	22 12	23 10	13 21	1 33
T 18	19 6	21 35	0n20	25 23	2 35	2 55	1 0	17 41	0 25	11 24	1 15	1 19	2 40	9 1	0 45	13 9	1 50	5 45	13 59	22 24	22 12	23 11	13 20	1 33
W19	19 21	17 41	1 33	25 29	2 35	3 10	1 6	17 38	0 28	11 22	1 15	1 18	2 40	9 1	0 45	13 9	1 50	5 44	13 59	22 24	22 13	23 12	13 19	1 33
T 20	19 35	12 59	2 39	25 34	2 33	3 24	1 12	17 36	0 31	11 21	1 15	1 17	2 39	9 0	0 45	13 8	1 50	5 44	13 59	22 24	22 13	23 13	13 18	1 33
F 21	19 48	7 50	3 35	25 37	2 31	3 40	1 18	17 33	0 34	11 19	1 15	1 17	2 39	9 0	0 46	13 8	1 50	5 44	13 59	22 24	22 13	23 15	13 17	1 33
S 22	20 1	2 30	4 18	25 38	2 29	3 55	1 24	17 30	0 37	11 17	1 14	1 16	2 39	9 0	0 46	13 7	1 50	5 44	13 59	22 24	22 14	23 16	13 16	1 33
S 23	20 14	2n49	4 48	25 38	2 25	4 11	1 30	17 28	0 40	11 15	1 14	1 15	2 39	8 59	0 46	13 7	1 50	5 44	13 59	22 24	22 14	23 17	13 15	1 33
M24	20 27	7 55	5 5	25 37	2 20	4 28	1 35	17 26	0 42	11 13	1 14	1 15	2 38	8 59	0 46	13 6	1 50	5 43	13 59	22 25	22 15	23 18	13 14	1 33
T 25	20 39	12 40	5 8	25 34	2 15	4 44	1 40	17 23	0 45	11 11	1 14	1 14	2 38	8 58	0 46	13 6	1 50	5 43	13 59	22 26	22 15	23 19	13 13	1 33
W26	20 51	16 53	4 57	25 29	2 8	5 2	1 45	17 21	0 48	11 9	1 14	1 14	2 38	8 58	0 46	13 6	1 50	5 43	13 59	22 27	22 15	23 20	13 12	1 33
T 27	21 2	20 25	4 33	25 22	2 0	5 19	1 50	17 19	0 50	11 7	1 14	1 13	2 38	8 58	0 46	13 5	1 50	5 43	13 59	22 28	22 16	23 21	13 11	1 33
F 28	21 13	23 6	3 58	25 14	1 51	5 37	1 54	17 17	0 53	11 5	1 13	1 13	2 38	8 57	0 46	13 5	1 50	5 43	13 59	22 29	22 16	23 22	13 10	1 33
S 29	21 24	24 47	3 12	25 4	1 41	5 55	1 58	17 15	0 56	11 2	1 13	1 13	2 37	8 57	0 46	13 4	1 50	5 43	13 59	22 29	22 17	23 23	13 9	1 33
S 30	21s34	25n21	2n18	24s53	1s29	6s13	2n 2	17n14	0n58	11s 0	1s13	1n12	2s37	8n57	0n46	13n 4	1s50	5n42	13s59	22s30	22s17	23n24	13n 9	1s33

Julian Day Number = 2407654.5, Delta T = -3.17 sec
Ecliptic obliquity = 23°27'21, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°03'44, Lahiri = 22°10'44

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ASTRODIENST EPHEMERIS for the year 1879
geocentric

DECEMBER 1879 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 37 55	8♐27'27	1♋36	26°R10	21♎43	14°R38	4♓36	9°R 5	8♍55	9°R55	26°R12	15°R54	17♏38	27♉15	9°R18	M 1
T 2	4 41 51	9°28'18	13°36	26♐ 1	22°43	14♉26	4°43	9♈ 4	8°56	9♉54	26♉11	15°D53	17°35	27°21	9♉16	T 2
W 3	4 45 48	10°29'09	25°45	25°42	23°43	14°15	4°49	9° 3	8°57	9°52	26°10	15♏54	17°31	27°28	9°13	W 3
T 4	4 49 45	11°30'02	8♌ 4	25°12	24°43	14° 4	4°56	9° 2	8°57	9°51	26° 9	15°55	17°28	27°35	9°11	T 4
F 5	4 53 41	12°30'56	20°39	24°30	25°44	13°54	5° 3	9° 1	8°58	9°49	26° 8	15°57	17°25	27°41	9° 8	F 5
S 6	4 57 38	13°31'52	3♍31	23°37	26°45	13°46	5°10	9° 0	8°58	9°48	26° 7	15°58	17°22	27°48	9° 6	S 6
S 7	5 1 34	14°32'48	16°45	22°35	27°47	13°37	5°17	9° 0	8°59	9°47	26° 6	15°R59	17°19	27°55	9° 3	S 7
M 8	5 5 31	15°33'46	0♎24	21°24	28°49	13°30	5°24	8°59	8°59	9°45	26° 5	15°58	17°16	28° 1	9° 1	M 8
T 9	5 9 27	16°34'45	14°29	20° 6	29°52	13°24	5°32	8°59	9° 0	9°44	26° 4	15°55	17°12	28° 8	8°59	T 9
W10	5 13 24	17°35'45	28°59	18°45	0♏55	13°18	5°39	8°58	9° 0	9°43	26° 3	15°52	17° 9	28°15	8°57	W10
T 11	5 17 20	18°36'47	13♏51	17°22	1°58	13°13	5°47	8°58	9° 0	9°42	26° 2	15°48	17° 6	28°21	8°54	T 11
F 12	5 21 17	19°37'49	28°56	16° 0	3° 1	13° 9	5°55	8°D58	9° 0	9°40	26° 1	15°44	17° 3	28°28	8°52	F 12
S 13	5 25 14	20°38'53	14♐ 8	14°43	4° 5	13° 6	6° 3	8°58	9° 1	9°39	26° 0	15°41	17° 0	28°35	8°50	S 13
S 14	5 29 10	21°39'57	29°14	13°32	5° 9	13° 4	6°11	8°58	9° 1	9°38	25°59	15°39	16°57	28°42	8°48	S 14
M15	5 33 7	22°41'02	14♑ 7	12°29	6°14	13° 2	6°20	8°58	9°R 1	9°37	25°58	15°D38	16°53	28°48	8°46	M15
T 16	5 37 3	23°42'08	28°38	11°36	7°19	13°D 2	6°28	8°59	9° 1	9°36	25°57	15°38	16°50	28°55	8°44	T 16
W17	5 41 0	24°43'14	12♒44	10°54	8°24	13° 2	6°37	8°59	9° 1	9°35	25°56	15°40	16°47	29° 2	8°42	W17
T 18	5 44 56	25°44'20	26°22	10°23	9°29	13° 3	6°46	9° 0	9° 0	9°34	25°55	15°41	16°44	29° 8	8°40	T 18
F 19	5 48 53	26°45'26	9♓34	10° 3	10°35	13° 4	6°55	9° 0	9° 0	9°33	25°54	15°42	16°41	29°15	8°39	F 19
S 20	5 52 50	27°46'33	22°22	9°D54	11°41	13° 7	7° 4	9° 1	9° 0	9°32	25°53	15°R43	16°37	29°22	8°37	S 20
S 21	5 56 46	28°47'40	4♈50	9°54	12°47	13°10	7°13	9° 2	9° 0	9°31	25°52	15°43	16°34	29°28	8°35	S 21
M22	6 0 43	29°48'47	17° 2	10° 4	13°53	13°14	7°23	9° 3	8°59	9°30	25°51	15°42	16°31	29°35	8°34	M22
T 23	6 4 39	0♑49'54	29° 2	10°22	15° 0	13°19	7°32	9° 4	8°59	9°29	25°50	15°41	16°28	29°42	8°32	T 23
W24	6 8 36	1°51'01	10♉56	10°48	16° 7	13°24	7°42	9° 5	8°58	9°28	25°49	15°39	16°25	29°48	8°30	W24
T 25	6 12 32	2°52'09	22°46	11°22	17°14	13°30	7°52	9° 7	8°58	9°27	25°48	15°37	16°22	29°55	8°29	T 25
F 26	6 16 29	3°53'17	4♊36	12° 1	18°21	13°37	8° 1	9° 8	8°57	9°26	25°48	15°35	16°18	0♊ 2	8°28	F 26
S 27	6 20 25	4°54'25	16°29	12°46	19°28	13°45	8°11	9°10	8°56	9°25	25°47	15°33	16°15	0° 8	8°26	S 27
S 28	6 24 22	5°55'33	28°27	13°36	20°36	13°53	8°22	9°11	8°56	9°25	25°46	15°32	16°12	0°15	8°25	S 28
M29	6 28 19	6°56'41	10♋31	14°30	21°44	14° 2	8°32	9°13	8°55	9°24	25°45	15°D32	16° 9	0°22	8°24	M29
T 30	6 32 15	7°57'49	22°44	15°28	22°52	14°11	8°42	9°15	8°54	9°23	25°44	15°32	16° 6	0°29	8°22	T 30
W31	6 36 12	8♑58'58	5♌ 8	16♐30	24♏ 0	14♉21	8♓53	9♈17	8♍53	9♉22	25♉43	15♑32	16♑ 3	0♊35	8♉21	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s44	24n44	1n17	24s40	1s16	6s31	2n 6	17n12	1n 0	10s57	1s13	1n12	2s37	8n56	0n46	13n 3	1s50	5n42	13s59	22s30	22s18	23n25	13n 8	1s33
T 2	21 53	22 58	0 12	24 25	1 1	6 50	2 10	17 11	1 3	10 55	1 13	1 12	2 37	8 56	0 46	13 3	1 50	5 42	13 59	22 31	22 18	23 26	13 7	1 33
W 3	22 2	20 8	0s54	24 8	0 45	7 9	2 13	17 9	1 5	10 52	1 12	1 12	2 36	8 56	0 46	13 3	1 50	5 42	13 58	22 31	22 18	23 27	13 6	1 33
T 4	22 11	16 21	1 58	23 50	0 28	7 28	2 17	17 8	1 7	10 50	1 12	1 11	2 36	8 56	0 46	13 2	1 50	5 42	13 58	22 30	22 19	23 28	13 5	1 33
F 5	22 19	11 48	2 59	23 30	0 9	7 47	2 20	17 7	1 9	10 47	1 12	1 11	2 36	8 56	0 46	13 2	1 50	5 42	13 58	22 30	22 19	23 29	13 4	1 33
S 6	22 26	6 37	3 52	23 8	0n10	8 6	2 23	17 7	1 11	10 44	1 12	1 11	2 36	8 55	0 46	13 1	1 50	5 42	13 58	22 30	22 20	23 30	13 4	1 34
S 7	22 34	1 2	4 34	22 44	0 31	8 26	2 26	17 6	1 13	10 42	1 12	1 11	2 35	8 55	0 46	13 1	1 50	5 42	13 58	22 30	22 20	23 31	13 3	1 34
M 8	22 40	4s47	5 2	22 20	0 51	8 45	2 28	17 6	1 15	10 39	1 12	1 11	2 35	8 55	0 46	13 1	1 50	5 41	13 58	22 30	22 20	23 32	13 2	1 34
T 9	22 47	10 31	5 13	21 54	1 11	9 5	2 31	17 6	1 17	10 36	1 11	1 11	2 35	8 55	0 46	13 0	1 50	5 41	13 58	22 30	22 21	23 33	13 1	1 34
W10	22 53	15 52	5 5	21 29	1 30	9 24	2 33	17 6	1 19	10 33	1 11	1 11	2 35	8 55	0 46	13 0	1 50	5 41	13 58	22 31	22 21	23 34	13 1	1 34
T 11	22 58	20 24	4 37	21 4	1 48	9 44	2 35	17 6	1 21	10 30	1 11	1 12	2 34	8 55	0 46	13 0	1 50	5 41	13 58	22 31	22 22	23 35	13 0	1 34
F 12	23 3	23 40	3 49	20 39	2 5	10 4	2 37	17 6	1 22	10 27	1 11	1 12	2 34	8 55	0 46	12 59	1 50	5 41	13 57	22 32	22 22	23 36	12 59	1 34
S 13	23 8	25 14	2 45	20 17	2 19	10 24	2 39	17 7	1 24	10 24	1 11	1 12	2 34	8 55	0 47	12 59	1 50	5 41	13 57	22 32	22 22	23 37	12 58	1 34
S 14	23 12	24 56	1 29	19 56	2 31	10 44	2 40	17 8	1 25	10 20	1 11	1 12	2 34	8 55	0 47	12 59	1 50	5 41	13 57	22 32	22 23	23 38	12 58	1 34
M15	23 15	22 51	0 8	19 39	2 41	11 4	2 42	17 9	1 27	10 17	1 10	1 13	2 33	8 55	0 47	12 58	1 50	5 41	13 57	22 32	22 23	23 39	12 57	1 34
T 16	23 18	19 17	1n11	19 25	2 48	11 23	2 43	17 10	1 28	10 14	1 10	1 13	2 33	8 55	0 47	12 58	1 49	5 41	13 57	22 32	22 24	23 40	12 56	1 34
W17	23 21	14 42	2 24	19 14	2 53	11 43	2 44	17 11	1 30	10 10	1 10	1 13	2 33	8 55	0 47	12 58	1 49	5 41	13 57	22 32	22 24	23 40	12 56	1 34
T 18	23 23	9 30	3 26	19 7	2 56	12 3	2 45	17 13	1 31	10 7	1 10	1 14	2 32	8 55	0 47	12 57	1 49	5 41	13 56	22 32	22 24	23 41	12 55	1 34
F 19	23 25	4 2	4 15	19 3	2 57	12 22	2 46	17 14	1 32	10 3	1 10	1 14	2 32	8 55	0 47	12 57	1 49	5 41	13 56	22 32	22 25	23 42	12 55	1 34
S 20	23 26	1n25	4 50	19 2	2 57	12 42	2 47	17 16	1 34	10 0	1 10	1 15	2 32	8 56	0 47	12 57	1 49	5 41	13 56	22 32	22 25	23 43	12 54	1 34
S 21	23 27	6 40	5 10	19 4	2 54	13 1	2 48	17 19	1 35	9 56	1 9	1 16	2 32	8 56	0 47	12 57	1 49	5 41	13 56	22 32	22 26	23 44	12 54	1 34
M22	23 27	11 33	5 16	19 9	2 51	13 21	2 48	17 21	1 36	9 53	1 9	1 16	2 31	8 56	0 47	12 56	1 49	5 41	13 56	22 32	22 26	23 45	12 53	1 34
T 23	23 27	15 56	5 8	19 16	2 46	13 40	2 48	17 23	1 37	9 49	1 9	1 17	2 31	8 56	0 47	12 56	1 49	5 41	13 55	22 32	22 26	23 46	12 52	1 34
W24	23 27	19 38	4 46	19 25	2 41	13 59	2 48	17 26	1 38	9 45	1 9	1 18	2 31	8 56	0 47	12 56	1 49	5 41	13 55	22 32	22 27	23 47	12 52	1 34
T 25	23 25	22 32	4 12	19 36	2 35	14 18	2 48	17 29	1 39	9 41	1 9	1 18	2 31	8 57	0 47	12 56	1 49	5 41	13 55	22 32	22 27	23 48	12 52	1 34
F 26	23 24	24 29	3 28	19 48	2 28	14 36	2 48	17 32	1 40	9 38	1 9	1 19	2 30	8 57	0 47	12 55	1 49	5 41	13 55	22 33	22 28	23 48	12 51	1 34
S 27	23 22	25 20	2 34	20 1	2 21	14 55	2 48	17 35	1 41	9 34	1 9	1 20	2 30	8 57	0 47	12 55	1 49	5 41	13 55	22 33	22 28	23 49	12 51	1 34
S 28	23 19	25 0	1 33	20 15	2 13	15 13	2 48	17 38	1 42	9 30	1 8	1 21	2 30	8 57	0 47	12 55	1 49	5 41	13 54	22 33	22 28	23 50	12 50	1 34
M29	23 16	23 30	0 28	20 29	2 5	15 31	2 47	17 42	1 43	9 26	1 8	1 22	2 30	8 58	0 47	12 55	1 49	5 41	13 54	22 33	22 29	23 51	12 50	1 34
T 30	23 13	20 53	0s40	20 44	1 57	15 49	2 47	17 45	1 44	9 22	1 8	1 23	2 29	8 58	0 47	12 55	1 49	5 41	13 54	22 33	22 29	23 52	12 49	1 34
W31	23s 9	17n16	1s47	20s58	1n49	16s 6	2n46	17n49	1n44	9s18	1s 8	1n24	2s29	8n58	0n47	12n54	1s49	5n41	13s54	22s33	22s29	23n53	12n49	1s34

Julian Day Number = 2407684.5, Delta T = -3.20 sec
Ecliptic obliquity = 23°27'20, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°03'48, Lahiri = 22°10'48

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ASTRODIENST EPHEMERIS for the year 1880
geocentric

JANUARY 1880 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 40 8	10♑ 0'06	17♌42	17♐35	25♏ 9	14♉32	9♓ 3	9♈19	8°R52	9°R22	25°R43	15♑33	15♑59	0♊42	8°R20	T 1
F 2	6 44 5	11° 1'15	0♍30	18°42	26°17	14°43	9°14	9°21	8♍51	9♉21	25♉42	15°33	15°56	0°49	8♉19	F 2
S 3	6 48 1	12° 2'24	13°32	19°52	27°26	14°55	9°25	9°24	8°50	9°21	25°41	15°34	15°53	0°55	8°18	S 3
S 4	6 51 58	13° 3'34	26°51	21° 4	28°35	15° 8	9°36	9°26	8°49	9°20	25°40	15°34	15°50	1° 2	8°17	S 4
M 5	6 55 54	14° 4'43	10♎27	22°18	29°44	15°21	9°47	9°28	8°48	9°20	25°40	15°R34	15°47	1° 9	8°17	M 5
T 6	6 59 51	15° 5'53	24°21	23°34	0♐53	15°34	9°58	9°31	8°47	9°19	25°39	15°D34	15°43	1°15	8°16	T 6
W 7	7 3 48	16° 7'03	8♏34	24°51	2° 3	15°48	10° 9	9°34	8°46	9°19	25°38	15°34	15°40	1°22	8°15	W 7
T 8	7 7 44	17° 8'13	23° 2	26°10	3°12	16° 3	10°21	9°37	8°44	9°18	25°38	15°34	15°37	1°29	8°14	T 8
F 9	7 11 41	18° 9'23	7♐43	27°30	4°22	16°18	10°32	9°39	8°43	9°18	25°37	15°34	15°34	1°35	8°14	F 9
S 10	7 15 37	19°10'33	22°30	28°51	5°32	16°34	10°44	9°42	8°42	9°17	25°36	15°35	15°31	1°42	8°13	S 10
S 11	7 19 34	20°11'43	7♑18	0♑13	6°42	16°50	10°55	9°46	8°40	9°17	25°36	15°35	15°28	1°49	8°13	S 11
M12	7 23 30	21°12'53	21°58	1°37	7°52	17° 7	11° 7	9°49	8°39	9°17	25°35	15°R35	15°24	1°55	8°12	M12
T 13	7 27 27	22°14'02	6♒24	3° 1	9° 2	17°24	11°19	9°52	8°37	9°17	25°35	15°35	15°21	2° 2	8°12	T 13
W14	7 31 24	23°15'11	20°31	4°26	10°12	17°42	11°31	9°55	8°36	9°16	25°34	15°34	15°18	2° 9	8°12	W14
T 15	7 35 20	24°16'19	4♓14	5°51	11°23	18° 0	11°43	9°59	8°34	9°16	25°34	15°33	15°15	2°15	8°12	T 15
F 16	7 39 17	25°17'26	17°33	7°18	12°33	18°19	11°55	10° 3	8°33	9°16	25°33	15°32	15°12	2°22	8°12	F 16
S 17	7 43 13	26°18'33	0♈27	8°45	13°44	18°38	12° 7	10° 6	8°31	9°16	25°33	15°30	15° 9	2°29	8°11	S 17
S 18	7 47 10	27°19'38	13° 0	10°13	14°55	18°57	12°19	10°10	8°29	9°16	25°32	15°29	15° 5	2°36	8°D11	S 18
M19	7 51 6	28°20'43	25°16	11°42	16° 5	19°17	12°32	10°14	8°27	9°16	25°32	15°D29	15° 2	2°42	8°11	M19
T 20	7 55 3	29°21'47	7♉18	13°11	17°16	19°37	12°44	10°18	8°25	9°D16	25°31	15°29	14°59	2°49	8°12	T 20
W21	7 58 59	0♒22'50	19°11	14°41	18°27	19°58	12°57	10°22	8°24	9°16	25°31	15°30	14°56	2°56	8°12	W21
T 22	8 2 56	1°23'53	1♊ 1	16°12	19°38	20°19	13° 9	10°26	8°22	9°16	25°31	15°31	14°53	3° 2	8°12	T 22
F 23	8 6 53	2°24'54	12°51	17°43	20°50	20°40	13°22	10°30	8°20	9°16	25°30	15°33	14°49	3° 9	8°12	F 23
S 24	8 10 49	3°25'54	24°46	19°15	22° 1	21° 2	13°35	10°34	8°18	9°16	25°30	15°34	14°46	3°16	8°13	S 24
S 25	8 14 46	4°26'53	6♋50	20°47	23°12	21°24	13°47	10°39	8°16	9°16	25°29	15°35	14°43	3°22	8°13	S 25
M26	8 18 42	5°27'52	19° 5	22°20	24°23	21°46	14° 0	10°43	8°14	9°16	25°29	15°R35	14°40	3°29	8°14	M26
T 27	8 22 39	6°28'49	1♌32	23°54	25°35	22° 9	14°13	10°48	8°12	9°17	25°29	15°34	14°37	3°36	8°14	T 27
W28	8 26 35	7°29'45	14°15	25°29	26°46	22°32	14°26	10°53	8°10	9°17	25°29	15°32	14°34	3°42	8°15	W28
T 29	8 30 32	8°30'41	27°11	27° 4	27°58	22°56	14°39	10°57	8° 7	9°17	25°28	15°29	14°30	3°49	8°15	T 29
F 30	8 34 28	9°31'35	10♍22	28°39	29°10	23°19	14°52	11° 2	8° 5	9°18	25°28	15°26	14°27	3°56	8°16	F 30
S 31	8 38 25	10♒32'28	23♍46	0♒16	0♑22	23♉43	15♓ 6	11♈ 7	8♍ 3	9♉18	25♉28	15♑22	14♑24	4♊ 2	8♉17	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 5	12n51	2s49	21s13	1n40	16s24	2n45	17n53	1n45	9s14	1s 8	1n25	2s29	8n59	0n47	12n54	1s49	5n41	13s53	22s33	22s30	23n53	12n49	1s34
F 2	23 0	7 48	3 45	21 28	1 31	16 41	2 44	17 57	1 46	9 10	1 8	1 26	2 29	8 59	0 47	12 54	1 49	5 41	13 53	22 33	22 30	23 54	12 48	1 34
S 3	22 55	2 20	4 30	21 42	1 23	16 57	2 43	18 1	1 47	9 5	1 8	1 27	2 28	9 0	0 47	12 54	1 49	5 41	13 53	22 33	22 31	23 55	12 48	1 34
S 4	22 49	3s21	5 1	21 56	1 14	17 14	2 42	18 6	1 47	9 1	1 7	1 28	2 28	9 0	0 47	12 54	1 49	5 41	13 53	22 33	22 31	23 56	12 48	1 34
M 5	22 43	8 59	5 16	22 9	1 5	17 30	2 40	18 10	1 48	8 57	1 7	1 29	2 28	9 1	0 48	12 54	1 48	5 41	13 53	22 33	22 31	23 57	12 48	1 34
T 6	22 36	14 18	5 14	22 21	0 57	17 45	2 39	18 14	1 48	8 52	1 7	1 31	2 28	9 1	0 48	12 54	1 48	5 41	13 52	22 33	22 32	23 57	12 47	1 34
W 7	22 29	18 59	4 53	22 33	0 48	18 1	2 38	18 19	1 49	8 48	1 7	1 32	2 27	9 2	0 48	12 54	1 48	5 41	13 52	22 33	22 32	23 58	12 47	1 34
T 8	22 21	22 37	4 12	22 44	0 40	18 16	2 36	18 24	1 49	8 44	1 7	1 33	2 27	9 2	0 48	12 53	1 48	5 41	13 52	22 33	22 32	23 59	12 47	1 34
F 9	22 13	24 49	3 15	22 55	0 31	18 30	2 34	18 29	1 50	8 39	1 7	1 35	2 27	9 3	0 48	12 53	1 48	5 42	13 51	22 33	22 33	24 0	12 47	1 34
S 10	22 5	25 19	2 5	23 4	0 23	18 44	2 33	18 34	1 50	8 35	1 7	1 36	2 27	9 3	0 48	12 53	1 48	5 42	13 51	22 33	22 33	24 0	12 46	1 34
S 11	21 56	24 1	0 46	23 13	0 15	18 58	2 31	18 39	1 51	8 30	1 7	1 38	2 26	9 4	0 48	12 53	1 48	5 42	13 51	22 33	22 34	24 1	12 46	1 34
M12	21 47	21 5	0n35	23 20	0 7	19 11	2 29	18 44	1 51	8 26	1 6	1 39	2 26	9 4	0 48	12 53	1 48	5 42	13 51	22 33	22 34	24 2	12 46	1 34
T 13	21 37	16 51	1 53	23 26	0s 1	19 24	2 27	18 49	1 52	8 21	1 6	1 41	2 26	9 5	0 48	12 53	1 48	5 42	13 50	22 33	22 34	24 3	12 46	1 34
W14	21 27	11 47	3 2	23 32	0 9	19 37	2 25	18 55	1 52	8 16	1 6	1 42	2 26	9 5	0 48	12 53	1 48	5 42	13 50	22 33	22 35	24 3	12 46	1 34
T 15	21 17	6 16	3 58	23 36	0 16	19 49	2 22	19 0	1 52	8 12	1 6	1 44	2 25	9 6	0 48	12 53	1 48	5 42	13 50	22 33	22 35	24 4	12 46	1 34
F 16	21 6	0 37	4 40	23 39	0 24	20 0	2 20	19 6	1 53	8 7	1 6	1 45	2 25	9 7	0 48	12 53	1 48	5 43	13 50	22 33	22 35	24 5	12 46	1 34
S 17	20 54	4n52	5 6	23 41	0 31	20 11	2 18	19 11	1 53	8 2	1 6	1 47	2 25	9 7	0 48	12 53	1 48	5 43	13 49	22 33	22 36	24 6	12 46	1 34
S 18	20 43	10 0	5 17	23 41	0 38	20 22	2 15	19 17	1 53	7 57	1 6	1 49	2 25	9 8	0 48	12 53	1 48	5 43	13 49	22 33	22 36	24 6	12 46	1 34
M19	20 30	14 37	5 12	23 41	0 45	20 32	2 13	19 23	1 53	7 53	1 6	1 50	2 24	9 9	0 48	12 53	1 48	5 43	13 49	22 33	22 36	24 7	12 46	1 34
T 20	20 18	18 35	4 54	23 39	0 51	20 41	2 10	19 28	1 54	7 48	1 6	1 52	2 24	9 10	0 48	12 53	1 48	5 43	13 48	22 33	22 37	24 8	12 46	1 34
W21	20 5	21 46	4 24	23 36	0 58	20 50	2 8	19 34	1 54	7 43	1 6	1 54	2 24	9 10	0 48	12 53	1 47	5 44	13 48	22 33	22 37	24 8	12 46	1 34
T 22	19 52	24 0	3 42	23 32	1 4	20 59	2 5	19 40	1 54	7 38	1 6	1 56	2 24	9 11	0 48	12 54	1 47	5 44	13 48	22 33	22 37	24 9	12 46	1 34
F 23	19 38	25 11	2 51	23 26	1 9	21 6	2 2	19 46	1 54	7 33	1 5	1 58	2 24	9 12	0 48	12 54	1 47	5 44	13 48	22 33	22 38	24 10	12 46	1 34
S 24	19 24	25 14	1 53	23 19	1 15	21 14	1 59	19 52	1 54	7 28	1 5	1 59	2 23	9 13	0 48	12 54	1 47	5 44	13 47	22 33	22 38	24 10	12 46	1 34
S 25	19 10	24 5	0 48	23 10	1 21	21 21	1 56	19 58	1 55	7 23	1 5	2 1	2 23	9 13	0 48	12 54	1 47	5 44	13 47	22 33	22 39	24 11	12 47	1 34
M26	18 55	21 47	0s19	23 1	1 26	21 27	1 54	20 4	1 55	7 18	1 5	2 3	2 23	9 14	0 48	12 54	1 47	5 45	13 47	22 33	22 39	24 12	12 47	1 34
T 27	18 40	18 25	1 27	22 50	1 30	21 32	1 51	20 10	1 55	7 13	1 5	2 5	2 23	9 15	0 48	12 54	1 47	5 45	13 46	22 33	22 39	24 12	12 47	1 34
W28	18 25	14 9	2 31	22 37	1 35	21 37	1 48	20 16	1 55	7 8	1 5	2 7	2 22	9 16	0 48	12 54	1 47	5 45	13 46	22 33	22 40	24 13	12 47	1 34
T 29	18 9	9 11	3 29	22 23	1 39	21 42	1 45	20 22	1 55	7 3	1 5	2 9	2 22	9 17	0 48	12 54	1 47	5 45	13 46	22 33	22 40	24 14	12 47	1 34
F 30	17 53	3 43	4 17	22 8	1 43	21 46	1 41	20 28	1 55	6 58	1 5	2 11	2 22	9 17	0 48	12 55	1 47	5 46	13 45	22 34	22 40	24 14	12 48	1 34
S 31	17s36	1s59	4s52	21s51	1s47	21s49	1n38	20n34	1n55	6s52	1s 5	2n14	2s22	9n18	0n48	12n55	1s47	5n46	13s45	22s34	22s41	24n15	12n48	1s34

Julian Day Number = 2407715.5, Delta T = -3.24 sec
Ecliptic obliquity = 23°27'20, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°03'52, Lahiri = 22°10'53

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ASTRODIENST EPHEMERIS for the year 1880
geocentric

FEBRUARY 1880 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 42 22	11♒33'21	7♎22	1♒53	1♑33	24♉ 7	15♓19	11♈12	8°R 1	9♉18	25°R28	15°R18	14♑21	4♊ 9	8♉18	S 1
M 2	8 46 18	12°34'13	21° 9	3°31	2°45	24°32	15°32	11°17	7♍59	9°19	25♉28	15♑15	14°18	4°16	8°19	M 2
T 3	8 50 15	13°35'04	5♏ 5	5°10	3°57	24°57	15°46	11°22	7°56	9°19	25°28	15°14	14°15	4°22	8°20	T 3
W 4	8 54 11	14°35'54	19°10	6°49	5° 9	25°22	15°59	11°27	7°54	9°20	25°27	15°D14	14°11	4°29	8°21	W 4
T 5	8 58 8	15°36'44	3♐21	8°29	6°21	25°47	16°13	11°32	7°52	9°20	25°27	15°15	14° 8	4°36	8°22	T 5
F 6	9 2 4	16°37'32	17°38	10°10	7°33	26°13	16°26	11°38	7°49	9°21	25°27	15°16	14° 5	4°42	8°23	F 6
S 7	9 6 1	17°38'20	1♑57	11°52	8°46	26°39	16°40	11°43	7°47	9°21	25°27	15°17	14° 2	4°49	8°24	S 7
S 8	9 9 57	18°39'06	16°16	13°34	9°58	27° 5	16°53	11°49	7°44	9°22	25°27	15°R18	13°59	4°56	8°26	S 8
M 9	9 13 54	19°39'52	0♒30	15°17	11°10	27°31	17° 7	11°54	7°42	9°23	25°D27	15°17	13°55	5° 2	8°27	M 9
T 10	9 17 51	20°40'36	14°36	17° 1	12°23	27°58	17°21	12° 0	7°39	9°24	25°27	15°14	13°52	5° 9	8°28	T 10
W11	9 21 47	21°41'19	28°28	18°46	13°35	28°25	17°35	12° 5	7°37	9°24	25°27	15°10	13°49	5°16	8°30	W11
T 12	9 25 44	22°42'00	12♓ 3	20°32	14°47	28°52	17°49	12°11	7°34	9°25	25°27	15° 4	13°46	5°22	8°31	T 12
F 13	9 29 40	23°42'40	25°18	22°19	16° 0	29°19	18° 2	12°17	7°32	9°26	25°27	14°57	13°43	5°29	8°33	F 13
S 14	9 33 37	24°43'18	8♈13	24° 6	17°12	29°47	18°16	12°23	7°29	9°27	25°27	14°50	13°40	5°36	8°35	S 14
S 15	9 37 33	25°43'54	20°48	25°54	18°25	0♊14	18°30	12°29	7°27	9°28	25°28	14°44	13°36	5°42	8°36	S 15
M16	9 41 30	26°44'29	3♉ 6	27°43	19°37	0°42	18°44	12°35	7°24	9°28	25°28	14°39	13°33	5°49	8°38	M16
T 17	9 45 26	27°45'02	15°10	29°33	20°50	1°10	18°58	12°41	7°22	9°29	25°28	14°36	13°30	5°56	8°40	T 17
W18	9 49 23	28°45'34	27° 4	1♓24	22° 3	1°39	19°12	12°47	7°19	9°30	25°28	14°D35	13°27	6° 3	8°42	W18
T 19	9 53 20	29°46'03	8♊53	3°15	23°15	2° 7	19°27	12°53	7°17	9°31	25°28	14°36	13°24	6° 9	8°44	T 19
F 20	9 57 16	0♓46'31	20°44	5° 7	24°28	2°36	19°41	12°59	7°14	9°32	25°29	14°37	13°21	6°16	8°46	F 20
S 21	10 1 13	1°46'57	2♋40	6°59	25°41	3° 5	19°55	13° 6	7°11	9°34	25°29	14°39	13°17	6°23	8°48	S 21
S 22	10 5 9	2°47'21	14°47	8°52	26°53	3°34	20° 9	13°12	7° 9	9°35	25°29	14°R39	13°14	6°29	8°50	S 22
M23	10 9 6	3°47'43	27° 9	10°45	28° 6	4° 3	20°23	13°18	7° 6	9°36	25°29	14°38	13°11	6°36	8°52	M23
T 24	10 13 2	4°48'03	9♌48	12°39	29°19	4°32	20°38	13°25	7° 3	9°37	25°30	14°35	13° 8	6°43	8°54	T 24
W25	10 16 59	5°48'21	22°47	14°32	0♒32	5° 2	20°52	13°31	7° 1	9°38	25°30	14°30	13° 5	6°49	8°56	W25
T 26	10 20 55	6°48'37	6♍ 6	16°25	1°45	5°31	21° 6	13°38	6°58	9°39	25°30	14°23	13° 1	6°56	8°59	T 26
F 27	10 24 52	7°48'52	19°43	18°18	2°58	6° 1	21°21	13°45	6°56	9°41	25°31	14°14	12°58	7° 3	9° 1	F 27
S 28	10 28 48	8°49'05	3♎35	20°10	4°11	6°31	21°35	13°51	6°53	9°42	25°31	14° 4	12°55	7° 9	9° 3	S 28
S 29	10 32 45	9♓49'16	17♎38	22♓ 1	5♒24	7♊ 1	21♓49	13♈58	6♍50	9♉43	25♉32	13♑55	12♑52	7♊16	9♉ 6	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s20	7s41	5s11	21s33	1s50	21s52	1n35	20n41	1n55	6s47	1s 5	2n16	2s22	9n19	0n48	12n55	1s47	5n46	13s45	22s35	22s41	24n15	12n48	1s34
M 2	17 3	13 4	5 12	21 13	1 54	21 54	1 32	20 47	1 55	6 42	1 5	2 18	2 21	9 20	0 48	12 55	1 47	5 46	13 44	22 35	22 41	24 16	12 48	1 34
T 3	16 45	17 51	4 55	20 52	1 56	21 55	1 29	20 53	1 55	6 37	1 5	2 20	2 21	9 21	0 48	12 55	1 47	5 47	13 44	22 35	22 42	24 17	12 49	1 34
W 4	16 28	21 42	4 21	20 30	1 59	21 56	1 25	20 59	1 55	6 31	1 5	2 22	2 21	9 22	0 48	12 56	1 47	5 47	13 44	22 35	22 42	24 17	12 49	1 34
T 5	16 10	24 16	3 30	20 6	2 1	21 56	1 22	21 5	1 55	6 26	1 4	2 24	2 21	9 23	0 48	12 56	1 47	5 47	13 44	22 35	22 42	24 18	12 49	1 34
F 6	15 52	25 18	2 26	19 40	2 2	21 56	1 19	21 11	1 55	6 21	1 4	2 27	2 21	9 24	0 48	12 56	1 46	5 47	13 43	22 35	22 43	24 18	12 50	1 34
S 7	15 33	24 39	1 12	19 13	2 4	21 55	1 15	21 17	1 55	6 15	1 4	2 29	2 20	9 24	0 48	12 56	1 46	5 48	13 43	22 35	22 43	24 19	12 50	1 34
S 8	15 15	22 23	0n 5	18 45	2 5	21 53	1 12	21 23	1 55	6 10	1 4	2 31	2 20	9 25	0 49	12 57	1 46	5 48	13 43	22 35	22 43	24 20	12 51	1 34
M 9	14 56	18 43	1 22	18 15	2 5	21 51	1 9	21 29	1 55	6 5	1 4	2 34	2 20	9 26	0 49	12 57	1 46	5 48	13 42	22 35	22 44	24 20	12 51	1 34
T 10	14 37	14 1	2 33	17 44	2 5	21 48	1 5	21 35	1 55	5 59	1 4	2 36	2 20	9 27	0 49	12 57	1 46	5 49	13 42	22 35	22 44	24 21	12 52	1 34
W11	14 17	8 41	3 34	17 11	2 5	21 44	1 2	21 41	1 55	5 54	1 4	2 38	2 20	9 28	0 49	12 57	1 46	5 49	13 42	22 36	22 44	24 21	12 52	1 34
T 12	13 57	3 2	4 21	16 37	2 4	21 40	0 59	21 47	1 55	5 48	1 4	2 41	2 20	9 29	0 49	12 58	1 46	5 49	13 41	22 36	22 45	24 22	12 53	1 34
F 13	13 38	2n36	4 52	16 1	2 3	21 35	0 55	21 53	1 55	5 43	1 4	2 43	2 19	9 30	0 49	12 58	1 46	5 50	13 41	22 37	22 45	24 22	12 53	1 34
S 14	13 17	7 59	5 8	15 24	2 1	21 30	0 52	21 59	1 55	5 37	1 4	2 46	2 19	9 31	0 49	12 58	1 46	5 50	13 41	22 38	22 45	24 23	12 54	1 34
S 15	12 57	12 53	5 8	14 45	1 59	21 23	0 48	22 5	1 55	5 32	1 4	2 48	2 19	9 32	0 49	12 59	1 46	5 50	13 40	22 38	22 46	24 23	12 54	1 34
M16	12 37	17 9	4 54	14 5	1 56	21 17	0 45	22 11	1 55	5 26	1 4	2 50	2 19	9 33	0 49	12 59	1 46	5 51	13 40	22 39	22 46	24 24	12 55	1 34
T 17	12 16	20 39	4 27	13 24	1 53	21 9	0 41	22 17	1 55	5 21	1 4	2 53	2 19	9 34	0 49	12 59	1 46	5 51	13 40	22 39	22 46	24 24	12 55	1 34
W18	11 55	23 14	3 49	12 41	1 49	21 1	0 38	22 22	1 55	5 15	1 4	2 56	2 19	9 35	0 49	13 0	1 46	5 51	13 39	22 39	22 47	24 25	12 56	1 34
T 19	11 34	24 47	3 1	11 57	1 45	20 53	0 35	22 28	1 54	5 10	1 4	2 58	2 18	9 36	0 49	13 0	1 46	5 52	13 39	22 39	22 47	24 25	12 56	1 34
F 20	11 12	25 13	2 6	11 11	1 40	20 44	0 31	22 34	1 54	5 4	1 4	3 1	2 18	9 37	0 49	13 1	1 46	5 52	13 39	22 39	22 47	24 26	12 57	1 34
S 21	10 51	24 30	1 4	10 25	1 34	20 34	0 28	22 39	1 54	4 58	1 4	3 3	2 18	9 38	0 49	13 1	1 46	5 52	13 39	22 39	22 47	24 26	12 58	1 34
S 22	10 29	22 37	0s 1	9 37	1 28	20 24	0 25	22 45	1 54	4 53	1 4	3 6	2 18	9 39	0 49	13 1	1 46	5 53	13 38	22 39	22 48	24 27	12 58	1 34
M23	10 7	19 39	1 7	8 48	1 21	20 13	0 21	22 50	1 54	4 47	1 4	3 8	2 18	9 40	0 49	13 2	1 45	5 53	13 38	22 39	22 48	24 27	12 59	1 34
T 24	9 45	15 42	2 11	7 58	1 14	20 1	0 18	22 56	1 54	4 42	1 4	3 11	2 18	9 41	0 49	13 2	1 45	5 54	13 38	22 39	22 48	24 28	13 0	1 34
W25	9 23	10 56	3 10	7 7	1 6	19 49	0 14	23 1	1 54	4 36	1 4	3 14	2 18	9 42	0 49	13 3	1 45	5 54	13 37	22 40	22 49	24 28	13 0	1 34
T 26	9 1	5 33	4 1	6 15	0 57	19 36	0 11	23 6	1 53	4 30	1 4	3 16	2 17	9 43	0 49	13 3	1 45	5 54	13 37	22 41	22 49	24 28	13 1	1 34
F 27	8 39	0s11	4 38	5 22	0 48	19 23	0 8	23 11	1 53	4 25	1 4	3 19	2 17	9 44	0 49	13 3	1 45	5 55	13 37	22 42	22 49	24 29	13 2	1 34
S 28	8 16	6 1	5 0	4 29	0 38	19 9	0 5	23 16	1 53	4 19	1 4	3 22	2 17	9 45	0 49	13 4	1 45	5 55	13 36	22 43	22 50	24 29	13 3	1 34
S 29	7s54	11s37	5s 5	3s36	0s28	18s55	0n 1	23n21	1n53	4s13	1s 4	3n24	2s17	9n46	0n49	13n 4	1s45	5n55	13s36	22s44	22s50	24n30	13n 3	1s34

Julian Day Number = 2407746.5, Delta T = -3.27 sec
Ecliptic obliquity = 23°27'20, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°03'56, Lahiri = 22°10'57

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ASTRODIENST EPHEMERIS for the year 1880
geocentric

MARCH 1880 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 36 42	10♓49'26	1♏47	23♓50	6♒37	7♊31	22♓ 4	14♈ 5	6°R48	9♉44	25♉32	13°R48	12♋49	7♊23	9♉ 8	M 1
T 2	10 40 38	11°49'34	15°59	25°38	7°50	8° 2	22°18	14°11	6♍45	9°46	25°33	13♋43	12°46	7°29	9°11	T 2
W 3	10 44 35	12°49'41	0♐10	27°23	9° 3	8°32	22°33	14°18	6°42	9°47	25°33	13°40	12°42	7°36	9°13	W 3
T 4	10 48 31	13°49'46	14°19	29° 6	10°16	9° 3	22°47	14°25	6°40	9°49	25°34	13°D39	12°39	7°43	9°16	T 4
F 5	10 52 28	14°49'50	28°23	0♈45	11°29	9°34	23° 2	14°32	6°37	9°50	25°34	13°40	12°36	7°49	9°19	F 5
S 6	10 56 24	15°49'52	12♋23	2°21	12°42	10° 5	23°16	14°39	6°35	9°52	25°35	13°R40	12°33	7°56	9°21	S 6
S 7	11 0 21	16°49'53	26°16	3°52	13°55	10°36	23°31	14°46	6°32	9°53	25°35	13°40	12°30	8° 3	9°24	S 7
M 8	11 4 17	17°49'52	10♒ 3	5°19	15° 8	11° 7	23°45	14°53	6°29	9°55	25°36	13°37	12°26	8° 9	9°27	M 8
T 9	11 8 14	18°49'49	23°42	6°39	16°21	11°38	24° 0	15° 0	6°27	9°56	25°36	13°31	12°23	8°16	9°30	T 9
W10	11 12 11	19°49'44	7♓10	7°55	17°34	12° 9	24°14	15° 7	6°24	9°58	25°37	13°23	12°20	8°23	9°33	W10
T 11	11 16 7	20°49'37	20°26	9° 3	18°48	12°41	24°29	15°14	6°22	9°59	25°38	13°12	12°17	8°29	9°36	T 11
F 12	11 20 4	21°49'28	3♈27	10° 5	20° 1	13°13	24°43	15°21	6°19	10° 1	25°38	13° 0	12°14	8°36	9°39	F 12
S 13	11 24 0	22°49'18	16°13	11° 0	21°14	13°44	24°58	15°28	6°17	10° 3	25°39	12°48	12°11	8°43	9°42	S 13
S 14	11 27 57	23°49'05	28°42	11°47	22°27	14°16	25°12	15°36	6°14	10° 4	25°40	12°36	12° 7	8°49	9°45	S 14
M15	11 31 53	24°48'50	10♉57	12°26	23°41	14°48	25°27	15°43	6°12	10° 6	25°41	12°26	12° 4	8°56	9°48	M15
T 16	11 35 50	25°48'33	22°59	12°57	24°54	15°20	25°41	15°50	6° 9	10° 8	25°41	12°19	12° 1	9° 3	9°51	T 16
W17	11 39 46	26°48'13	4♊53	13°20	26° 7	15°52	25°56	15°57	6° 7	10° 9	25°42	12°15	11°58	9° 9	9°54	W17
T 18	11 43 43	27°47'52	16°42	13°35	27°20	16°24	26°10	16° 5	6° 5	10°11	25°43	12°13	11°55	9°16	9°57	T 18
F 19	11 47 40	28°47'28	28°31	13°R41	28°34	16°57	26°25	16°12	6° 2	10°13	25°44	12°D12	11°52	9°23	10° 0	F 19
S 20	11 51 36	29°47'02	10♋26	13°39	29°47	17°29	26°39	16°19	6° 0	10°15	25°44	12°R12	11°48	9°29	10° 4	S 20
S 21	11 55 33	0♈46'34	22°33	13°30	1♓ 0	18° 2	26°54	16°27	5°58	10°17	25°45	12°12	11°45	9°36	10° 7	S 21
M22	11 59 29	1°46'03	4♌57	13°13	2°13	18°34	27° 9	16°34	5°55	10°18	25°46	12°10	11°42	9°43	10°10	M22
T 23	12 3 26	2°45'30	17°42	12°50	3°27	19° 7	27°23	16°42	5°53	10°20	25°47	12° 6	11°39	9°49	10°14	T 23
W24	12 7 22	3°44'55	0♍50	12°19	4°40	19°40	27°38	16°49	5°51	10°22	25°48	11°59	11°36	9°56	10°17	W24
T 25	12 11 19	4°44'17	14°24	11°44	5°53	20°12	27°52	16°57	5°49	10°24	25°49	11°49	11°32	10° 3	10°21	T 25
F 26	12 15 15	5°43'37	28°21	11° 3	7° 7	20°45	28° 6	17° 4	5°46	10°26	25°50	11°38	11°29	10° 9	10°24	F 26
S 27	12 19 12	6°42'56	12♎37	10°19	8°20	21°18	28°21	17°11	5°44	10°28	25°51	11°26	11°26	10°16	10°28	S 27
S 28	12 23 9	7°42'12	27° 8	9°31	9°33	21°51	28°35	17°19	5°42	10°30	25°52	11°15	11°23	10°23	10°31	S 28
M29	12 27 5	8°41'26	11♏45	8°42	10°47	22°24	28°50	17°26	5°40	10°32	25°52	11° 5	11°20	10°29	10°35	M29
T 30	12 31 2	9°40'39	26°21	7°52	12° 0	22°58	29° 4	17°34	5°38	10°34	25°53	10°58	11°17	10°36	10°38	T 30
W31	12 34 58	10♈39'49	10♐51	7♈ 2	13♓13	23♊31	29♓19	17♈42	5♍36	10♉36	25♉54	10♋53	11♋13	10♊43	10♉42	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s31	16s38	4s51	2s42	0s17	18s40	0s 2	23n26	1n53	4s 7	1s 4	3n27	2s17	9n47	0n49	13n 5	1s45	5n56	13s36	22s44	22s50	24n30	13n 4	1s34
T 2	7 8	20 45	4 19	1 49	0 5	18 24	0 5	23 31	1 53	4 2	1 4	3 30	2 17	9 48	0 49	13 5	1 45	5 56	13 35	22 45	22 51	24 31	13 5	1 34
W 3	6 45	23 38	3 31	0 56	0n 7	18 8	0 8	23 36	1 52	3 56	1 4	3 33	2 17	9 49	0 49	13 6	1 45	5 57	13 35	22 45	22 51	24 31	13 6	1 34
T 4	6 22	25 1	2 30	0 4	0 19	17 52	0 11	23 40	1 52	3 50	1 4	3 35	2 17	9 50	0 49	13 6	1 45	5 57	13 35	22 45	22 51	24 31	13 7	1 34
F 5	5 59	24 48	1 21	0n48	0 32	17 35	0 14	23 45	1 52	3 45	1 4	3 38	2 16	9 50	0 49	13 7	1 45	5 57	13 35	22 45	22 51	24 32	13 8	1 34
S 6	5 35	23 0	0 7	1 38	0 45	17 17	0 17	23 49	1 52	3 39	1 4	3 41	2 16	9 51	0 49	13 7	1 45	5 58	13 34	22 45	22 52	24 32	13 8	1 34
S 7	5 12	19 49	1n 7	2 26	0 59	16 59	0 20	23 53	1 52	3 33	1 4	3 44	2 16	9 52	0 49	13 8	1 45	5 58	13 34	22 45	22 52	24 33	13 9	1 34
M 8	4 49	15 34	2 16	3 13	1 12	16 41	0 23	23 58	1 51	3 27	1 4	3 46	2 16	9 53	0 49	13 8	1 45	5 59	13 34	22 46	22 52	24 33	13 10	1 34
T 9	4 25	10 33	3 16	3 58	1 26	16 22	0 26	24 2	1 51	3 22	1 4	3 49	2 16	9 54	0 49	13 9	1 45	5 59	13 33	22 46	22 53	24 33	13 11	1 34
W10	4 2	5 6	4 5	4 40	1 39	16 2	0 29	24 6	1 51	3 16	1 4	3 52	2 16	9 55	0 49	13 9	1 45	6 0	13 33	22 47	22 53	24 34	13 12	1 34
T 11	3 38	0n29	4 39	5 19	1 53	15 42	0 32	24 10	1 51	3 10	1 4	3 55	2 16	9 56	0 49	13 10	1 45	6 0	13 33	22 48	22 53	24 34	13 13	1 34
F 12	3 15	5 56	4 58	5 55	2 5	15 22	0 34	24 14	1 51	3 4	1 4	3 58	2 16	9 57	0 49	13 10	1 45	6 0	13 33	22 49	22 54	24 34	13 14	1 34
S 13	2 51	11 1	5 1	6 28	2 18	15 1	0 37	24 17	1 50	2 59	1 4	4 1	2 16	9 58	0 49	13 11	1 45	6 1	13 32	22 50	22 54	24 35	13 15	1 34
S 14	2 27	15 32	4 50	6 57	2 30	14 40	0 40	24 21	1 50	2 53	1 4	4 3	2 16	9 59	0 49	13 12	1 44	6 1	13 32	22 51	22 54	24 35	13 16	1 34
M15	2 4	19 20	4 26	7 23	2 41	14 18	0 42	24 24	1 50	2 47	1 4	4 6	2 16	10 0	0 49	13 12	1 44	6 2	13 32	22 52	22 54	24 35	13 17	1 34
T 16	1 40	22 14	3 50	7 45	2 51	13 56	0 45	24 28	1 50	2 41	1 4	4 9	2 15	10 1	0 49	13 13	1 44	6 2	13 31	22 53	22 55	24 36	13 18	1 34
W17	1 16	24 9	3 4	8 2	3 0	13 34	0 48	24 31	1 49	2 36	1 4	4 12	2 15	10 2	0 49	13 13	1 44	6 3	13 31	22 53	22 55	24 36	13 19	1 34
T 18	0 53	24 58	2 11	8 15	3 9	13 11	0 50	24 34	1 49	2 30	1 4	4 15	2 15	10 2	0 49	13 14	1 44	6 3	13 31	22 54	22 55	24 36	13 20	1 34
F 19	0 29	24 39	1 12	8 24	3 15	12 48	0 52	24 37	1 49	2 24	1 4	4 18	2 15	10 3	0 49	13 14	1 44	6 3	13 31	22 54	22 56	24 36	13 21	1 34
S 20	0 5	23 12	0 9	8 29	3 21	12 25	0 55	24 40	1 49	2 18	1 4	4 21	2 15	10 4	0 49	13 15	1 44	6 4	13 30	22 54	22 56	24 37	13 22	1 34
S 21	0n19	20 40	0s55	8 29	3 25	12 1	0 57	24 43	1 48	2 13	1 4	4 23	2 15	10 5	0 48	13 16	1 44	6 4	13 30	22 54	22 56	24 37	13 23	1 34
M22	0 42	17 8	1 57	8 24	3 27	11 37	0 59	24 45	1 48	2 7	1 4	4 26	2 15	10 6	0 48	13 16	1 44	6 5	13 30	22 54	22 56	24 37	13 24	1 34
T 23	1 6	12 45	2 56	8 16	3 28	11 12	1 1	24 48	1 48	2 1	1 4	4 29	2 15	10 7	0 48	13 17	1 44	6 5	13 30	22 54	22 57	24 38	13 25	1 34
W24	1 29	7 38	3 47	8 3	3 27	10 47	1 4	24 50	1 48	1 55	1 4	4 32	2 15	10 7	0 48	13 18	1 44	6 6	13 29	22 55	22 57	24 38	13 26	1 34
T 25	1 53	2 2	4 27	7 46	3 24	10 22	1 6	24 53	1 47	1 50	1 4	4 35	2 15	10 8	0 48	13 18	1 44	6 6	13 29	22 56	22 57	24 38	13 27	1 34
F 26	2 17	3s49	4 52	7 26	3 20	9 57	1 8	24 55	1 47	1 44	1 4	4 38	2 15	10 9	0 48	13 19	1 44	6 6	13 29	22 57	22 58	24 38	13 28	1 34
S 27	2 40	9 36	5 0	7 3	3 13	9 31	1 9	24 57	1 47	1 38	1 4	4 41	2 15	10 10	0 48	13 19	1 44	6 7	13 29	22 58	22 58	24 39	13 29	1 34
S 28	3 3	14 57	4 49	6 37	3 5	9 6	1 11	24 59	1 46	1 32	1 4	4 44	2 15	10 11	0 48	13 20	1 44	6 7	13 28	22 59	22 58	24 39	13 30	1 34
M29	3 27	19 28	4 19	6 9	2 56	8 39	1 13	25 0	1 46	1 27	1 4	4 47	2 15	10 11	0 48	13 21	1 44	6 8	13 28	23 0	22 58	24 39	13 31	1 34
T 30	3 50	22 47	3 32	5 39	2 45	8 13	1 15	25 2	1 46	1 21	1 4	4 49	2 15	10 12	0 48	13 21	1 44	6 8	13 28	23 0	22 59	24 39	13 32	1 34
W31	4n13	24s35	2s31	5n 7	2n32	7s46	1s16	25n 3	1n46	1s15	1s 4	4n52	2s15	10n13	0n48	13n22	1s44	6n 9	13s28	23s 1	22s59	24n39	13n33	1s34

Julian Day Number = 2407775.5, Delta T = -3.30 sec
Ecliptic obliquity = 23°27'20, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°04'00, Lahiri = 22°11'01

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1880
geocentric

APRIL 1880 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 38 55	11♈38'58	25♐10	6°R13	14♓27	24♊ 4	29♓33	17♈49	5°R34	10♉38	25♉55	10°R51	11♑10	10♊49	10♉46	T 1
F 2	12 42 51	12°38'06	9♑16	5♈26	15°40	24°38	29°47	17°57	5♏32	10°40	25°56	10♑51	11° 7	10°56	10°49	F 2
S 3	12 46 48	13°37'11	23° 9	4°42	16°54	25°11	0♈ 2	18° 4	5°30	10°42	25°58	10°51	11° 4	11° 3	10°53	S 3
S 4	12 50 44	14°36'15	6♒49	4° 1	18° 7	25°45	0°16	18°12	5°28	10°44	25°59	10°50	11° 1	11° 9	10°57	S 4
M 5	12 54 41	15°35'17	20°17	3°25	19°20	26°18	0°30	18°19	5°26	10°46	26° 0	10°46	10°58	11°16	11° 1	M 5
T 6	12 58 38	16°34'17	3♓33	2°53	20°34	26°52	0°45	18°27	5°25	10°48	26° 1	10°40	10°54	11°23	11° 4	T 6
W 7	13 2 34	17°33'15	16°38	2°26	21°47	27°26	0°59	18°34	5°23	10°50	26° 2	10°31	10°51	11°29	11° 8	W 7
T 8	13 6 31	18°32'11	29°32	2° 3	23° 1	27°59	1°13	18°42	5°21	10°52	26° 3	10°19	10°48	11°36	11°12	T 8
F 9	13 10 27	19°31'06	12♈14	1°47	24°14	28°33	1°27	18°50	5°19	10°54	26° 4	10° 6	10°45	11°43	11°16	F 9
S 10	13 14 24	20°29'58	24°44	1°35	25°27	29° 7	1°41	18°57	5°18	10°57	26° 5	9°53	10°42	11°49	11°20	S 10
S 11	13 18 20	21°28'49	7♉ 2	1°29	26°41	29°41	1°56	19° 5	5°16	10°59	26° 6	9°40	10°38	11°56	11°23	S 11
M12	13 22 17	22°27'37	19°10	1°D28	27°54	0♋15	2°10	19°12	5°15	11° 1	26° 7	9°29	10°35	12° 3	11°27	M12
T 13	13 26 13	23°26'23	1♊ 7	1°33	29° 8	0°49	2°24	19°20	5°13	11° 3	26° 9	9°21	10°32	12° 9	11°31	T 13
W14	13 30 10	24°25'07	12°58	1°42	0♈21	1°23	2°38	19°27	5°12	11° 5	26°10	9°15	10°29	12°16	11°35	W14
T 15	13 34 6	25°23'50	24°45	1°56	1°35	1°58	2°52	19°35	5°10	11° 7	26°11	9°12	10°26	12°23	11°39	T 15
F 16	13 38 3	26°22'29	6♋34	2°16	2°48	2°32	3° 6	19°43	5° 9	11°10	26°12	9°D11	10°23	12°29	11°43	F 16
S 17	13 42 0	27°21'07	18°28	2°39	4° 1	3° 6	3°20	19°50	5° 8	11°12	26°13	9°11	10°19	12°36	11°47	S 17
S 18	13 45 56	28°19'42	0♌33	3° 8	5°15	3°40	3°33	19°58	5° 6	11°14	26°14	9°R12	10°16	12°43	11°51	S 18
M19	13 49 53	29°18'16	12°55	3°40	6°28	4°15	3°47	20° 5	5° 5	11°16	26°16	9°11	10°13	12°49	11°55	M19
T 20	13 53 49	0♉16'47	25°39	4°16	7°42	4°49	4° 1	20°13	5° 4	11°18	26°17	9° 8	10°10	12°56	11°59	T 20
W21	13 57 46	1°15'15	8♍48	4°57	8°55	5°24	4°15	20°20	5° 3	11°21	26°18	9° 3	10° 7	13° 3	12° 3	W21
T 22	14 1 42	2°13'42	22°25	5°41	10° 8	5°58	4°28	20°28	5° 2	11°23	26°19	8°56	10° 3	13° 9	12° 7	T 22
F 23	14 5 39	3°12'07	6♎31	6°28	11°22	6°33	4°42	20°35	5° 1	11°25	26°21	8°47	10° 0	13°16	12°11	F 23
S 24	14 9 35	4°10'29	21° 1	7°19	12°35	7° 7	4°56	20°43	5° 0	11°27	26°22	8°37	9°57	13°22	12°15	S 24
S 25	14 13 32	5° 8'50	5♏49	8°13	13°49	7°42	5° 9	20°50	4°59	11°30	26°23	8°27	9°54	13°29	12°19	S 25
M26	14 17 29	6° 7'09	20°48	9°10	15° 2	8°17	5°23	20°57	4°58	11°32	26°24	8°19	9°51	13°36	12°23	M26
T 27	14 21 25	7° 5'26	5♐48	10°10	16°16	8°51	5°36	21° 5	4°57	11°34	26°26	8°13	9°48	13°42	12°27	T 27
W28	14 25 22	8° 3'42	20°40	11°13	17°29	9°26	5°50	21°12	4°57	11°36	26°27	8° 9	9°44	13°49	12°31	W28
T 29	14 29 18	9° 1'56	5♑17	12°19	18°42	10° 1	6° 3	21°20	4°56	11°39	26°28	8°D 8	9°41	13°56	12°35	T 29
F 30	14 33 15	10♉ 0'08	19♑37	13♈27	19♈56	10♋36	6♈16	21♈27	4♏55	11♉41	26♉30	8♑ 9	9♑38	14♊ 2	12♉39	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n37	24s44	1s22	4n36	2n19	7s20	1s18	25n 5	1n45	1s10	1s 4	4n55	2s15	10n13	0n48	13n23	1s44	6n 9	13s27	23s 1	22s59	24n40	13n34	1s34
F 2	5 0	23 16	0 8	4 4	2 4	6 52	1 19	25 6	1 45	1 4	1 4	4 58	2 15	10 14	0 48	13 23	1 44	6 10	13 27	23 1	22 59	24 40	13 35	1 34
S 3	5 23	20 24	1n 5	3 32	1 49	6 25	1 21	25 7	1 45	0 58	1 4	5 1	2 15	10 15	0 48	13 24	1 44	6 10	13 27	23 1	23 0	24 40	13 36	1 34
S 4	5 46	16 26	2 13	3 2	1 33	5 58	1 22	25 8	1 44	0 53	1 4	5 4	2 15	10 15	0 48	13 25	1 44	6 10	13 27	23 1	23 0	24 40	13 38	1 34
M 5	6 8	11 42	3 12	2 32	1 17	5 30	1 24	25 8	1 44	0 47	1 5	5 7	2 15	10 16	0 48	13 25	1 44	6 11	13 27	23 1	23 0	24 40	13 39	1 34
T 6	6 31	6 28	4 0	2 5	1 1	5 2	1 25	25 9	1 44	0 41	1 5	5 10	2 15	10 17	0 48	13 26	1 44	6 11	13 26	23 2	23 0	24 41	13 40	1 34
W 7	6 54	1 3	4 35	1 39	0 45	4 35	1 26	25 9	1 44	0 36	1 5	5 12	2 15	10 17	0 48	13 27	1 44	6 12	13 26	23 2	23 1	24 41	13 41	1 34
T 8	7 16	4n19	4 55	1 15	0 29	4 6	1 27	25 10	1 43	0 30	1 5	5 15	2 15	10 18	0 48	13 27	1 44	6 12	13 26	23 3	23 1	24 41	13 42	1 34
F 9	7 39	9 26	5 0	0 54	0 13	3 38	1 28	25 10	1 43	0 25	1 5	5 18	2 15	10 19	0 48	13 28	1 44	6 13	13 26	23 4	23 1	24 41	13 43	1 35
S 10	8 1	14 5	4 50	0 35	0s 3	3 10	1 29	25 10	1 43	0 19	1 5	5 21	2 15	10 19	0 48	13 29	1 44	6 13	13 26	23 5	23 1	24 41	13 44	1 35
S 11	8 23	18 5	4 27	0 19	0 18	2 42	1 30	25 10	1 42	0 14	1 5	5 24	2 15	10 20	0 48	13 29	1 44	6 13	13 25	23 6	23 2	24 41	13 46	1 35
M12	8 45	21 15	3 52	0 5	0 32	2 13	1 31	25 9	1 42	0 8	1 5	5 27	2 15	10 20	0 48	13 30	1 44	6 14	13 25	23 7	23 2	24 41	13 47	1 35
T 13	9 7	23 27	3 7	0s 6	0 46	1 45	1 31	25 9	1 42	0 3	1 5	5 30	2 15	10 21	0 48	13 31	1 44	6 14	13 25	23 8	23 2	24 42	13 48	1 35
W14	9 28	24 36	2 14	0 14	1 0	1 16	1 32	25 8	1 41	0n 3	1 5	5 32	2 15	10 21	0 48	13 31	1 44	6 15	13 25	23 8	23 2	24 42	13 49	1 35
T 15	9 50	24 37	1 16	0 20	1 12	0 47	1 33	25 8	1 41	0 8	1 5	5 35	2 15	10 22	0 48	13 32	1 44	6 15	13 25	23 8	23 3	24 42	13 50	1 35
F 16	10 11	23 32	0 14	0 23	1 24	0 19	1 33	25 7	1 41	0 14	1 5	5 38	2 15	10 22	0 48	13 33	1 43	6 16	13 24	23 8	23 3	24 42	13 51	1 35
S 17	10 32	21 22	0s49	0 24	1 35	0n10	1 34	25 6	1 41	0 19	1 5	5 41	2 15	10 23	0 48	13 34	1 43	6 16	13 24	23 8	23 3	24 42	13 52	1 35
S 18	10 53	18 14	1 51	0 22	1 46	0 39	1 34	25 4	1 40	0 25	1 6	5 44	2 15	10 23	0 48	13 34	1 43	6 16	13 24	23 8	23 3	24 42	13 54	1 35
M19	11 14	14 14	2 49	0 19	1 56	1 8	1 34	25 3	1 40	0 30	1 6	5 46	2 15	10 23	0 48	13 35	1 43	6 17	13 24	23 8	23 4	24 42	13 55	1 35
T 20	11 35	9 31	3 41	0 12	2 5	1 36	1 34	25 2	1 40	0 36	1 6	5 49	2 15	10 24	0 48	13 36	1 43	6 17	13 24	23 8	23 4	24 42	13 56	1 35
W21	11 55	4 13	4 23	0 4	2 13	2 5	1 35	25 0	1 39	0 41	1 6	5 52	2 15	10 24	0 48	13 36	1 43	6 18	13 24	23 9	23 4	24 42	13 57	1 35
T 22	12 15	1s27	4 51	0n 6	2 20	2 34	1 35	24 58	1 39	0 46	1 6	5 55	2 15	10 25	0 48	13 37	1 43	6 18	13 23	23 9	23 4	24 42	13 58	1 35
F 23	12 35	7 13	5 3	0 19	2 27	3 3	1 35	24 56	1 39	0 52	1 6	5 58	2 15	10 25	0 48	13 38	1 43	6 19	13 23	23 10	23 5	24 43	13 59	1 35
S 24	12 55	12 47	4 56	0 33	2 33	3 31	1 35	24 54	1 38	0 57	1 6	6 0	2 15	10 25	0 48	13 38	1 43	6 19	13 23	23 11	23 5	24 43	14 1	1 35
S 25	13 15	17 43	4 30	0 50	2 39	4 0	1 35	24 52	1 38	1 2	1 6	6 3	2 15	10 26	0 47	13 39	1 43	6 19	13 23	23 11	23 5	24 43	14 2	1 35
M26	13 34	21 34	3 45	1 8	2 44	4 29	1 34	24 49	1 38	1 7	1 6	6 6	2 15	10 26	0 47	13 40	1 43	6 20	13 23	23 12	23 5	24 43	14 3	1 36
T 27	13 53	23 58	2 44	1 28	2 48	4 57	1 34	24 47	1 37	1 13	1 6	6 8	2 15	10 26	0 47	13 40	1 43	6 20	13 23	23 12	23 6	24 43	14 4	1 36
W28	14 12	24 39	1 32	1 49	2 51	5 25	1 34	24 44	1 37	1 18	1 7	6 11	2 15	10 26	0 47	13 41	1 43	6 21	13 23	23 12	23 6	24 43	14 5	1 36
T 29	14 31	23 36	0 15	2 12	2 54	5 54	1 33	24 41	1 37	1 23	1 7	6 14	2 15	10 27	0 47	13 42	1 43	6 21	13 23	23 12	23 6	24 43	14 6	1 36
F 30	14n49	21s 1	1n 1	2n37	2s56	6n22	1s33	24n38	1n36	1n28	1s 7	6n16	2s15	10n27	0n47	13n43	1s43	6n21	13s22	23s12	23s 6	24n43	14n 8	1s36

Julian Day Number = 2407806.5, Delta T = -3.33 sec
Ecliptic obliquity = 23°27'20, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°04'05, Lahiri = 22°11'05

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ASTRODIENST EPHEMERIS for the year 1880
geocentric

MAY 1880 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 37 11	10♉58'19	3♒36	14♈38	21♈ 9	11♋11	6♈29	21♈34	4°R55	11♉43	26♉31	8♑ 9	9♑35	14♊ 9	12♉44	S 1
S 2	14 41 8	11°56'29	17°15	15°51	22°23	11°46	6°43	21°41	4♍54	11°45	26°32	8°R 9	9°32	14°16	12°48	S 2
M 3	14 45 4	12°54'37	0♓35	17° 7	23°36	12°21	6°56	21°49	4°53	11°48	26°34	8° 8	9°29	14°22	12°52	M 3
T 4	14 49 1	13°52'44	13°39	18°25	24°49	12°56	7° 9	21°56	4°53	11°50	26°35	8° 4	9°25	14°29	12°56	T 4
W 5	14 52 58	14°50'49	26°28	19°46	26° 3	13°31	7°22	22° 3	4°53	11°52	26°36	7°58	9°22	14°36	13° 0	W 5
T 6	14 56 54	15°48'53	9♈ 4	21° 9	27°16	14° 6	7°35	22°10	4°52	11°54	26°38	7°50	9°19	14°42	13° 4	T 6
F 7	15 0 51	16°46'55	21°29	22°33	28°30	14°41	7°48	22°18	4°52	11°57	26°39	7°41	9°16	14°49	13° 8	F 7
S 8	15 4 47	17°44'56	3♉44	24° 0	29°43	15°16	8° 0	22°25	4°52	11°59	26°40	7°32	9°13	14°56	13°12	S 8
S 9	15 8 44	18°42'55	15°50	25°30	0♉57	15°51	8°13	22°32	4°51	12° 1	26°42	7°23	9° 9	15° 2	13°16	S 9
M10	15 12 40	19°40'53	27°48	27° 1	2°10	16°27	8°26	22°39	4°51	12° 3	26°43	7°15	9° 6	15° 9	13°20	M10
T 11	15 16 37	20°38'49	9♊40	28°35	3°23	17° 2	8°38	22°46	4°51	12° 6	26°44	7°10	9° 3	15°16	13°24	T 11
W12	15 20 33	21°36'44	21°28	0♉10	4°37	17°37	8°51	22°53	4°D51	12° 8	26°46	7° 6	9° 0	15°22	13°28	W12
T 13	15 24 30	22°34'37	3♋14	1°48	5°50	18°12	9° 3	23° 0	4°51	12°10	26°47	7°D 5	8°57	15°29	13°32	T 13
F 14	15 28 27	23°32'28	15° 3	3°27	7° 4	18°48	9°16	23° 7	4°51	12°12	26°48	7° 5	8°54	15°36	13°36	F 14
S 15	15 32 23	24°30'18	26°58	5° 9	8°17	19°23	9°28	23°14	4°51	12°15	26°50	7° 6	8°50	15°42	13°41	S 15
S 16	15 36 20	25°28'06	9♌ 3	6°53	9°31	19°59	9°40	23°20	4°52	12°17	26°51	7° 8	8°47	15°49	13°45	S 16
M17	15 40 16	26°25'52	21°24	8°39	10°44	20°34	9°52	23°27	4°52	12°19	26°52	7°R 9	8°44	15°56	13°49	M17
T 18	15 44 13	27°23'37	4♍ 5	10°27	11°57	21°10	10° 4	23°34	4°52	12°21	26°54	7° 9	8°41	16° 2	13°53	T 18
W19	15 48 9	28°21'20	17°10	12°17	13°11	21°45	10°16	23°41	4°53	12°23	26°55	7° 7	8°38	16° 9	13°57	W19
T 20	15 52 6	29°19'01	0♎43	14°10	14°24	22°21	10°28	23°47	4°53	12°26	26°56	7° 4	8°35	16°16	14° 1	T 20
F 21	15 56 2	0♏16'41	14°45	16° 4	15°38	22°56	10°40	23°54	4°53	12°28	26°58	7° 0	8°31	16°22	14° 5	F 21
S 22	15 59 59	1°14'19	29°14	18° 0	16°51	23°32	10°52	24° 1	4°54	12°30	26°59	6°54	8°28	16°29	14° 8	S 22
S 23	16 3 56	2°11'56	14♐ 6	19°59	18° 5	24° 8	11° 3	24° 7	4°54	12°32	27° 1	6°49	8°25	16°36	14°12	S 23
M24	16 7 52	3° 9'31	29°13	21°59	19°18	24°43	11°15	24°14	4°55	12°34	27° 2	6°45	8°22	16°42	14°16	M24
T 25	16 11 49	4° 7'06	14♑25	24° 1	20°31	25°19	11°26	24°20	4°56	12°36	27° 3	6°42	8°19	16°49	14°20	T 25
W26	16 15 45	5° 4'39	29°33	26° 5	21°45	25°55	11°38	24°26	4°56	12°39	27° 5	6°D41	8°15	16°56	14°24	W26
T 27	16 19 42	6° 2'11	14♑28	28°11	22°58	26°30	11°49	24°33	4°57	12°41	27° 6	6°41	8°12	17° 2	14°28	T 27
F 28	16 23 38	6°59'43	29° 4	0♊18	24°12	27° 6	12° 0	24°39	4°58	12°43	27° 7	6°42	8° 9	17° 9	14°32	F 28
S 29	16 27 35	7°57'13	13♒16	2°26	25°25	27°42	12°11	24°45	4°59	12°45	27° 9	6°43	8° 6	17°16	14°36	S 29
S 30	16 31 32	8°54'43	27° 3	4°36	26°39	28°18	12°22	24°51	5° 0	12°47	27°10	6°44	8° 3	17°22	14°40	S 30
M31	16 35 28	9♊52'12	10♓26	6♊47	27♉52	28♋54	12♈33	24♈58	5♍ 1	12♉49	27♉11	6°R45	8♑ 0	17♊29	14♉43	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 8	17s13	2n12	3n 3	2s57	6n50	1s32	24n35	1n36	1n33	1s 7	6n19	2s16	10n27	0n47	13n43	1s43	6n22	13s22	23s12	23s 7	24n43	14n 9	1s36
S 2	15 26	12 36	3 14	3 30	2 58	7 18	1 32	24 31	1 36	1 38	1 7	6 22	2 16	10 27	0 47	13 44	1 43	6 22	13 22	23 12	23 7	24 43	14 10	1 36
M 3	15 43	7 28	4 3	3 59	2 58	7 46	1 31	24 28	1 35	1 44	1 7	6 24	2 16	10 27	0 47	13 45	1 43	6 22	13 22	23 12	23 7	24 43	14 11	1 36
T 4	16 1	2 8	4 39	4 29	2 58	8 13	1 30	24 24	1 35	1 49	1 7	6 27	2 16	10 27	0 47	13 45	1 43	6 23	13 22	23 13	23 7	24 43	14 12	1 36
W 5	16 18	3n11	5 0	5 0	2 57	8 41	1 30	24 20	1 35	1 54	1 7	6 30	2 16	10 28	0 47	13 46	1 43	6 23	13 22	23 13	23 7	24 43	14 13	1 36
T 6	16 35	8 17	5 6	5 33	2 55	9 8	1 29	24 16	1 34	1 59	1 7	6 32	2 16	10 28	0 47	13 47	1 43	6 24	13 22	23 13	23 8	24 43	14 14	1 36
F 7	16 52	12 59	4 58	6 6	2 53	9 35	1 28	24 12	1 34	2 4	1 8	6 35	2 16	10 28	0 47	13 47	1 43	6 24	13 22	23 14	23 8	24 43	14 16	1 36
S 8	17 8	17 5	4 35	6 41	2 50	10 2	1 27	24 8	1 34	2 8	1 8	6 37	2 16	10 28	0 47	13 48	1 43	6 24	13 22	23 14	23 8	24 43	14 17	1 37
S 9	17 24	20 26	4 1	7 16	2 47	10 28	1 26	24 3	1 33	2 13	1 8	6 40	2 16	10 28	0 47	13 49	1 43	6 25	13 22	23 15	23 8	24 43	14 18	1 37
M10	17 40	22 52	3 16	7 53	2 43	10 55	1 25	23 59	1 33	2 18	1 8	6 42	2 16	10 28	0 47	13 49	1 43	6 25	13 22	23 15	23 9	24 42	14 19	1 37
T 11	17 56	24 16	2 23	8 30	2 39	11 21	1 23	23 54	1 33	2 23	1 8	6 45	2 16	10 28	0 47	13 50	1 43	6 25	13 22	23 16	23 9	24 42	14 20	1 37
W12	18 11	24 34	1 24	9 8	2 34	11 47	1 22	23 49	1 32	2 28	1 8	6 47	2 16	10 28	0 47	13 51	1 43	6 26	13 21	23 16	23 9	24 42	14 21	1 37
T 13	18 26	23 46	0 21	9 47	2 28	12 12	1 21	23 44	1 32	2 33	1 8	6 50	2 17	10 28	0 47	13 51	1 43	6 26	13 21	23 16	23 9	24 42	14 22	1 37
F 14	18 40	21 53	0s43	10 27	2 22	12 38	1 20	23 39	1 32	2 37	1 9	6 52	2 17	10 28	0 47	13 52	1 43	6 26	13 21	23 16	23 9	24 42	14 23	1 37
S 15	18 55	19 3	1 46	11 7	2 15	13 3	1 18	23 33	1 31	2 42	1 9	6 55	2 17	10 28	0 47	13 53	1 43	6 27	13 21	23 16	23 10	24 42	14 25	1 37
S 16	19 8	15 21	2 45	11 48	2 8	13 27	1 17	23 28	1 31	2 47	1 9	6 57	2 17	10 27	0 47	13 53	1 43	6 27	13 21	23 16	23 10	24 42	14 26	1 37
M17	19 22	10 56	3 38	12 29	2 1	13 52	1 15	23 22	1 31	2 51	1 9	6 59	2 17	10 27	0 47	13 54	1 43	6 27	13 21	23 16	23 10	24 42	14 27	1 37
T 18	19 35	5 58	4 21	13 11	1 53	14 16	1 14	23 16	1 30	2 56	1 9	7 2	2 17	10 27	0 47	13 55	1 43	6 28	13 21	23 16	23 10	24 42	14 28	1 37
W19	19 48	0 34	4 53	13 52	1 45	14 39	1 12	23 10	1 30	3 0	1 9	7 4	2 17	10 27	0 47	13 55	1 43	6 28	13 21	23 16	23 10	24 42	14 29	1 38
T 20	20 1	5s 1	5 10	14 34	1 36	15 3	1 11	23 4	1 29	3 5	1 9	7 7	2 17	10 27	0 46	13 56	1 43	6 28	13 21	23 16	23 11	24 42	14 30	1 38
F 21	20 13	10 33	5 9	15 16	1 27	15 26	1 9	22 58	1 29	3 9	1 10	7 9	2 18	10 27	0 46	13 57	1 43	6 29	13 21	23 16	23 11	24 41	14 31	1 38
S 22	20 25	15 42	4 48	15 58	1 17	15 49	1 7	22 52	1 29	3 14	1 10	7 11	2 18	10 26	0 46	13 57	1 44	6 29	13 21	23 16	23 11	24 41	14 32	1 38
S 23	20 37	20 2	4 8	16 40	1 7	16 11	1 5	22 45	1 28	3 18	1 10	7 13	2 18	10 26	0 46	13 58	1 44	6 29	13 21	23 17	23 11	24 41	14 33	1 38
M24	20 48	23 6	3 11	17 21	0 57	16 33	1 4	22 38	1 28	3 23	1 10	7 16	2 18	10 26	0 46	13 59	1 44	6 29	13 21	23 17	23 11	24 41	14 34	1 38
T 25	20 59	24 31	1 59	18 2	0 47	16 54	1 2	22 31	1 28	3 27	1 10	7 18	2 18	10 26	0 46	13 59	1 44	6 30	13 21	23 17	23 12	24 41	14 35	1 38
W26	21 10	24 6	0 39	18 42	0 36	17 15	1 0	22 24	1 27	3 31	1 10	7 20	2 18	10 25	0 46	14 0	1 44	6 30	13 21	23 17	23 12	24 41	14 36	1 38
T 27	21 20	21 58	0n43	19 21	0 26	17 36	0 58	22 17	1 27	3 36	1 11	7 22	2 18	10 25	0 46	14 0	1 44	6 30	13 21	23 17	23 12	24 41	14 37	1 38
F 28	21 30	18 24	2 0	19 59	0 15	17 56	0 56	22 10	1 27	3 40	1 11	7 24	2 19	10 25	0 46	14 1	1 44	6 31	13 21	23 17	23 12	24 40	14 38	1 39
S 29	21 39	13 51	3 7	20 35	0 4	18 15	0 54	22 3	1 26	3 44	1 11	7 27	2 19	10 24	0 46	14 2	1 44	6 31	13 21	23 17	23 12	24 40	14 39	1 39
S 30	21 48	8 42	4 2	21 11	0n 6	18 35	0 52	21 55	1 26	3 48	1 11	7 29	2 19	10 24	0 46	14 2	1 44	6 31	13 21	23 17	23 13	24 40	14 40	1 39
M31	21n57	3s18	4n42	21n44	0n17	18n53	0s50	21n47	1n25	3n52	1s11	7n31	2s19	10n24	0n46	14n 3	1s44	6n31	13s21	23s17	23s13	24n40	14n41	1s39

Julian Day Number = 2407836.5, Delta T = -3.36 sec
Ecliptic obliquity = 23°27'19, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°04'09, Lahiri = 22°11'09

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ASTRODIENST EPHEMERIS for the year 1880
geocentric

JUNE 1880 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 39 25	10♊49'40	23♓27	8♊58	29♉ 6	29♋30	12♈44	25♈ 4	5♍ 2	12♉51	27♉13	6°R44	7♑56	17♊35	14♉47	T 1
W 2	16 43 21	11°47'07	6♈10	11°10	0♊19	0♌ 6	12°55	25°10	5° 3	12°53	27°14	6♑42	7°53	17°42	14°51	W 2
T 3	16 47 18	12°44'33	18°36	13°22	1°33	0°42	13° 5	25°16	5° 4	12°55	27°15	6°40	7°50	17°49	14°55	T 3
F 4	16 51 14	13°41'59	0♉49	15°34	2°46	1°18	13°16	25°22	5° 5	12°57	27°17	6°36	7°47	17°55	14°58	F 4
S 5	16 55 11	14°39'25	12°53	17°46	4° 0	1°54	13°26	25°27	5° 6	12°59	27°18	6°33	7°44	18° 2	15° 2	S 5
S 6	16 59 7	15°36'49	24°49	19°57	5°13	2°30	13°36	25°33	5° 8	13° 1	27°19	6°29	7°41	18° 9	15° 6	S 6
M 7	17 3 4	16°34'13	6♊40	22° 7	6°27	3° 6	13°47	25°39	5° 9	13° 3	27°20	6°26	7°37	18°15	15° 9	M 7
T 8	17 7 1	17°31'36	18°28	24°16	7°40	3°42	13°57	25°45	5°10	13° 5	27°22	6°25	7°34	18°22	15°13	T 8
W 9	17 10 57	18°28'59	0♋15	26°24	8°54	4°18	14° 6	25°50	5°12	13° 7	27°23	6°24	7°31	18°29	15°17	W 9
T 10	17 14 54	19°26'20	12° 4	28°30	10° 7	4°54	14°16	25°56	5°13	13° 9	27°24	6°D24	7°28	18°35	15°20	T 10
F 11	17 18 50	20°23'41	23°57	0♋35	11°21	5°30	14°26	26° 1	5°15	13°11	27°26	6°24	7°25	18°42	15°24	F 11
S 12	17 22 47	21°21'01	5♌57	2°38	12°34	6° 7	14°36	26° 7	5°17	13°13	27°27	6°25	7°21	18°49	15°27	S 12
S 13	17 26 43	22°18'19	18° 7	4°39	13°48	6°43	14°45	26°12	5°18	13°14	27°28	6°27	7°18	18°55	15°31	S 13
M14	17 30 40	23°15'38	0♍31	6°38	15° 1	7°19	14°54	26°17	5°20	13°16	27°29	6°28	7°15	19° 2	15°34	M14
T 15	17 34 36	24°12'55	13°13	8°34	16°15	7°55	15° 4	26°22	5°22	13°18	27°31	6°29	7°12	19° 9	15°38	T 15
W16	17 38 33	25°10'11	26°16	10°29	17°28	8°32	15°13	26°27	5°23	13°20	27°32	6°R29	7° 9	19°15	15°41	W16
T 17	17 42 30	26° 7'26	9♎43	12°21	18°42	9° 8	15°22	26°33	5°25	13°22	27°33	6°29	7° 6	19°22	15°44	T 17
F 18	17 46 26	27° 4'41	23°35	14°11	19°55	9°44	15°30	26°37	5°27	13°23	27°34	6°28	7° 2	19°29	15°48	F 18
S 19	17 50 23	28° 1'55	7♏54	15°59	21° 9	10°21	15°39	26°42	5°29	13°25	27°35	6°27	6°59	19°35	15°51	S 19
S 20	17 54 19	28°59'09	22°35	17°44	22°23	10°57	15°48	26°47	5°31	13°27	27°37	6°26	6°56	19°42	15°54	S 20
M21	17 58 16	29°56'22	7♐34	19°28	23°36	11°34	15°56	26°52	5°33	13°29	27°38	6°25	6°53	19°49	15°57	M21
T 22	18 2 12	0♋53'34	22°44	21° 8	24°50	12°10	16° 4	26°57	5°35	13°30	27°39	6°25	6°50	19°55	16° 1	T 22
W23	18 6 9	1°50'46	7♑54	22°47	26° 3	12°47	16°13	27° 1	5°37	13°32	27°40	6°D25	6°47	20° 2	16° 4	W23
T 24	18 10 5	2°47'58	22°56	24°23	27°17	13°23	16°21	27° 6	5°39	13°34	27°41	6°25	6°43	20° 9	16° 7	T 24
F 25	18 14 2	3°45'09	7♒42	25°57	28°31	14° 0	16°29	27°10	5°41	13°35	27°42	6°25	6°40	20°15	16°10	F 25
S 26	18 17 59	4°42'21	22° 6	27°28	29°44	14°36	16°36	27°15	5°44	13°37	27°44	6°25	6°37	20°22	16°13	S 26
S 27	18 21 55	5°39'32	6♓ 3	28°57	0♋58	15°13	16°44	27°19	5°46	13°38	27°45	6°26	6°34	20°28	16°16	S 27
M28	18 25 52	6°36'43	19°34	0♌24	2°11	15°50	16°51	27°23	5°48	13°40	27°46	6°R26	6°31	20°35	16°19	M28
T 29	18 29 48	7°33'55	2♈39	1°48	3°25	16°26	16°59	27°27	5°51	13°41	27°47	6°D26	6°27	20°42	16°22	T 29
W30	18 33 45	8♋31'06	15♈21	3♌10	4♋39	17♌ 3	17♈ 6	27♈31	5♍53	13♉43	27♉48	6♑26	6♑24	20♊48	16♉25	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 5	2n 5	5n 6	22n15	0n27	19n12	0s48	21n39	1n25	3n56	1s12	7n33	2s19	10n23	0n46	14n 3	1s44	6n32	13s21	23s17	23s13	24n40	14n42	1s39
W 2	22 13	7 15	5 14	22 45	0 37	19 29	0 46	21 31	1 25	4 0	1 12	7 35	2 19	10 23	0 46	14 4	1 44	6 32	13 21	23 17	23 13	24 39	14 43	1 39
T 3	22 20	12 2	5 8	23 12	0 47	19 46	0 43	21 23	1 24	4 4	1 12	7 37	2 20	10 22	0 46	14 5	1 44	6 32	13 21	23 17	23 13	24 39	14 44	1 39
F 4	22 28	16 15	4 47	23 36	0 56	20 3	0 41	21 15	1 24	4 8	1 12	7 39	2 20	10 22	0 46	14 5	1 44	6 32	13 21	23 17	23 14	24 39	14 45	1 39
S 5	22 34	19 44	4 14	23 58	1 5	20 19	0 39	21 7	1 24	4 12	1 12	7 41	2 20	10 21	0 46	14 6	1 44	6 33	13 21	23 18	23 14	24 39	14 46	1 40
S 6	22 41	22 22	3 30	24 17	1 13	20 35	0 37	20 58	1 23	4 16	1 12	7 43	2 20	10 21	0 46	14 6	1 44	6 33	13 21	23 18	23 14	24 39	14 47	1 40
M 7	22 47	24 1	2 37	24 34	1 21	20 50	0 35	20 49	1 23	4 19	1 13	7 45	2 20	10 20	0 46	14 7	1 44	6 33	13 22	23 18	23 14	24 38	14 48	1 40
T 8	22 52	24 34	1 38	24 48	1 28	21 4	0 32	20 41	1 23	4 23	1 13	7 46	2 20	10 20	0 46	14 7	1 44	6 33	13 22	23 18	23 14	24 38	14 49	1 40
W 9	22 57	24 1	0 34	24 59	1 34	21 18	0 30	20 32	1 22	4 27	1 13	7 48	2 21	10 19	0 46	14 8	1 44	6 33	13 22	23 18	23 14	24 38	14 50	1 40
T 10	23 2	22 23	0s31	25 7	1 40	21 32	0 28	20 22	1 22	4 30	1 13	7 50	2 21	10 19	0 46	14 9	1 44	6 34	13 22	23 18	23 15	24 38	14 51	1 40
F 11	23 6	19 46	1 36	25 12	1 45	21 44	0 25	20 13	1 21	4 34	1 13	7 52	2 21	10 18	0 46	14 9	1 44	6 34	13 22	23 18	23 15	24 37	14 52	1 40
S 12	23 10	16 16	2 37	25 15	1 49	21 56	0 23	20 4	1 21	4 37	1 14	7 54	2 21	10 17	0 46	14 10	1 44	6 34	13 22	23 18	23 15	24 37	14 53	1 41
S 13	23 14	12 3	3 31	25 15	1 53	22 8	0 21	19 54	1 21	4 41	1 14	7 55	2 21	10 17	0 45	14 10	1 44	6 34	13 22	23 18	23 15	24 37	14 53	1 41
M14	23 17	7 17	4 17	25 13	1 56	22 19	0 18	19 45	1 20	4 44	1 14	7 57	2 22	10 16	0 45	14 11	1 44	6 34	13 22	23 18	23 15	24 37	14 54	1 41
T 15	23 20	2 7	4 52	25 8	1 58	22 29	0 16	19 35	1 20	4 48	1 14	7 59	2 22	10 15	0 45	14 11	1 44	6 35	13 22	23 18	23 16	24 36	14 55	1 41
W16	23 22	3s17	5 12	25 1	1 59	22 38	0 13	19 25	1 19	4 51	1 15	8 0	2 22	10 15	0 45	14 12	1 44	6 35	13 22	23 18	23 16	24 36	14 56	1 41
T 17	23 24	8 42	5 17	24 52	2 0	22 47	0 11	19 15	1 19	4 54	1 15	8 2	2 22	10 14	0 45	14 12	1 44	6 35	13 22	23 18	23 16	24 36	14 57	1 41
F 18	23 25	13 51	5 3	24 41	1 59	22 56	0 9	19 5	1 19	4 57	1 15	8 4	2 22	10 13	0 45	14 13	1 44	6 35	13 22	23 18	23 16	24 35	14 58	1 41
S 19	23 26	18 25	4 31	24 27	1 58	23 3	0 6	18 55	1 18	5 1	1 15	8 5	2 23	10 13	0 45	14 13	1 44	6 35	13 23	23 18	23 16	24 35	14 58	1 42
S 20	23 27	21 59	3 40	24 13	1 57	23 10	0 4	18 45	1 18	5 4	1 15	8 7	2 23	10 12	0 45	14 14	1 44	6 35	13 23	23 18	23 16	24 35	14 59	1 42
M21	23 27	24 7	2 34	23 56	1 55	23 17	0 1	18 34	1 18	5 7	1 16	8 8	2 23	10 11	0 45	14 14	1 44	6 35	13 23	23 18	23 17	24 34	15 0	1 42
T 22	23 27	24 31	1 15	23 38	1 52	23 22	0n 1	18 24	1 17	5 10	1 16	8 10	2 23	10 10	0 45	14 15	1 44	6 36	13 23	23 18	23 17	24 34	15 1	1 42
W23	23 27	23 5	0n 8	23 18	1 48	23 27	0 3	18 13	1 17	5 13	1 16	8 11	2 23	10 9	0 45	14 15	1 44	6 36	13 23	23 18	23 17	24 34	15 1	1 42
T 24	23 26	20 1	1 31	22 57	1 44	23 31	0 6	18 2	1 16	5 15	1 16	8 13	2 24	10 9	0 45	14 15	1 45	6 36	13 23	23 18	23 17	24 33	15 2	1 42
F 25	23 24	15 41	2 45	22 35	1 39	23 35	0 8	17 51	1 16	5 18	1 17	8 14	2 24	10 8	0 45	14 16	1 45	6 36	13 23	23 18	23 17	24 33	15 3	1 43
S 26	23 22	10 34	3 48	22 12	1 33	23 38	0 11	17 40	1 16	5 21	1 17	8 15	2 24	10 7	0 45	14 16	1 45	6 36	13 23	23 18	23 17	24 33	15 4	1 43
S 27	23 20	5 3	4 34	21 48	1 27	23 40	0 13	17 29	1 15	5 24	1 17	8 17	2 24	10 6	0 45	14 17	1 45	6 36	13 24	23 18	23 18	24 32	15 4	1 43
M28	23 17	0n32	5 4	21 23	1 21	23 41	0 15	17 18	1 15	5 26	1 17	8 18	2 25	10 5	0 45	14 17	1 45	6 36	13 24	23 18	23 18	24 32	15 5	1 43
T 29	23 14	5 54	5 17	20 58	1 13	23 42	0 18	17 6	1 14	5 29	1 17	8 19	2 25	10 4	0 45	14 18	1 45	6 36	13 24	23 18	23 18	24 32	15 6	1 43
W30	23n11	10n52	5n14	20n32	1n 6	23n42	0n20	16n55	1n14	5n31	1s18	8n21	2s25	10n 3	0n45	14n18	1s45	6n36	13s24	23s18	23s18	24n31	15n 6	1s43

Julian Day Number = 2407867.5, Delta T = -3.39 sec
Ecliptic obliquity = 23°27'18, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°04'13, Lahiri = 22°11'14

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ASTRODIENST EPHEMERIS for the year 1880
geocentric

JULY 1880 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 37 41	9♋28'18	27♈45	4♌29	5♋52	17♌40	17♈13	27♈35	5♍55	13♉44	27♉49	6♎26	6♎21	20♊55	16♉28	T 1
F 2	18 41 38	10°25'30	9♉53	5°46	7° 6	18°16	17°20	27°39	5°58	13°46	27°50	6°26	6°18	21° 2	16°30	F 2
S 3	18 45 34	11°22'43	21°51	7° 0	8°20	18°53	17°26	27°43	6° 0	13°47	27°51	6°27	6°15	21° 8	16°33	S 3
S 4	18 49 31	12°19'56	3♊42	8°11	9°34	19°30	17°33	27°47	6° 3	13°48	27°52	6°27	6°12	21°15	16°36	S 4
M 5	18 53 28	13°17'08	15°29	9°20	10°47	20° 7	17°39	27°50	6° 6	13°50	27°53	6°28	6° 8	21°22	16°39	M 5
T 6	18 57 24	14°14'21	27°16	10°26	12° 1	20°44	17°46	27°54	6° 8	13°51	27°54	6°28	6° 5	21°28	16°41	T 6
W 7	19 1 21	15°11'35	9♋ 6	11°29	13°15	21°20	17°52	27°57	6°11	13°52	27°55	6°R28	6° 2	21°35	16°44	W 7
T 8	19 5 17	16° 8'48	21° 1	12°29	14°29	21°57	17°58	28° 1	6°14	13°54	27°56	6°28	5°59	21°42	16°46	T 8
F 9	19 9 14	17° 6'02	3♌ 3	13°26	15°42	22°34	18° 3	28° 4	6°16	13°55	27°57	6°27	5°56	21°48	16°49	F 9
S 10	19 13 10	18° 3'15	15°14	14°20	16°56	23°11	18° 9	28° 7	6°19	13°56	27°58	6°26	5°53	21°55	16°51	S 10
S 11	19 17 7	19° 0'29	27°35	15°11	18°10	23°48	18°14	28°10	6°22	13°57	27°59	6°24	5°49	22° 2	16°54	S 11
M12	19 21 3	19°57'43	10♍10	15°58	19°24	24°25	18°20	28°13	6°25	13°59	28° 0	6°22	5°46	22° 8	16°56	M12
T 13	19 25 0	20°54'57	22°59	16°41	20°38	25° 2	18°25	28°16	6°28	14° 0	28° 1	6°21	5°43	22°15	16°58	T 13
W14	19 28 57	21°52'11	6♎ 6	17°21	21°51	25°39	18°30	28°19	6°30	14° 1	28° 2	6°19	5°40	22°22	17° 0	W14
T 15	19 32 53	22°49'25	19°31	17°57	23° 5	26°16	18°34	28°22	6°33	14° 2	28° 2	6°D19	5°37	22°28	17° 3	T 15
F 16	19 36 50	23°46'39	3♏16	18°29	24°19	26°54	18°39	28°24	6°36	14° 3	28° 3	6°19	5°33	22°35	17° 5	F 16
S 17	19 40 46	24°43'53	17°21	18°57	25°33	27°31	18°43	28°27	6°39	14° 4	28° 4	6°20	5°30	22°41	17° 7	S 17
S 18	19 44 43	25°41'08	1♐46	19°20	26°47	28° 8	18°48	28°29	6°42	14° 5	28° 5	6°21	5°27	22°48	17° 9	S 18
M19	19 48 39	26°38'23	16°28	19°39	28° 1	28°45	18°52	28°32	6°46	14° 6	28° 6	6°22	5°24	22°55	17°11	M19
T 20	19 52 36	27°35'38	1♑20	19°54	29°15	29°22	18°56	28°34	6°49	14° 7	28° 6	6°R23	5°21	23° 1	17°13	T 20
W21	19 56 33	28°32'54	16°18	20° 3	0♌29	29°59	18°59	28°36	6°52	14° 8	28° 7	6°23	5°18	23° 8	17°15	W21
T 22	20 0 29	29°30'10	1♒13	20°R 8	1°42	0♍37	19° 3	28°38	6°55	14° 9	28° 8	6°22	5°14	23°15	17°17	T 22
F 23	20 4 26	0♌27'26	15°57	20° 8	2°56	1°14	19° 6	28°40	6°58	14° 9	28° 9	6°19	5°11	23°21	17°18	F 23
S 24	20 8 22	1°24'44	0♓22	20° 3	4°10	1°52	19° 9	28°42	7° 1	14°10	28° 9	6°16	5° 8	23°28	17°20	S 24
S 25	20 12 19	2°22'02	14°24	19°52	5°24	2°29	19°12	28°44	7° 5	14°11	28°10	6°12	5° 5	23°35	17°22	S 25
M26	20 16 15	3°19'21	28° 0	19°37	6°38	3° 6	19°15	28°45	7° 8	14°12	28°11	6° 9	5° 2	23°41	17°24	M26
T 27	20 20 12	4°16'41	11♈10	19°17	7°52	3°44	19°17	28°47	7°11	14°12	28°11	6° 6	4°59	23°48	17°25	T 27
W28	20 24 8	5°14'02	23°56	18°52	9° 6	4°21	19°20	28°48	7°14	14°13	28°12	6° 4	4°55	23°55	17°27	W28
T 29	20 28 5	6°11'24	6♉20	18°22	10°20	4°59	19°22	28°50	7°18	14°14	28°13	6°D 4	4°52	24° 1	17°28	T 29
F 30	20 32 1	7° 8'48	18°28	17°49	11°34	5°36	19°24	28°51	7°21	14°14	28°13	6° 4	4°49	24° 8	17°30	F 30
S 31	20 35 58	8♌ 6'12	0♊25	17♌11	12♌48	6♍14	19♈26	28♈52	7♍24	14♉15	28♉14	6♎ 5	4♎46	24♊15	17♉31	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n 7	15n17	4n56	20n 5	0n57	23n42	0n22	16n43	1n14	5n34	1s18	8n22	2s25	10n 2	0n45	14n18	1s45	6n36	13s24	23s18	23s18	24n31	15n 7	1s43	T 1
F 2	23 3	18 59	4 25	19 38	0 49	23 40	0 24	16 31	1 13	5 36	1 18	8 23	2 25	10 1	0 45	14 19	1 45	6 37	13 24	23 18	23 18	24 30	15 8	1 44	F 2
S 3	22 58	21 50	3 43	19 10	0 39	23 38	0 27	16 20	1 13	5 39	1 18	8 24	2 26	10 0	0 45	14 19	1 45	6 37	13 24	23 18	23 18	24 30	15 8	1 44	S 3
S 4	22 53	23 43	2 52	18 42	0 30	23 36	0 29	16 8	1 12	5 41	1 19	8 25	2 26	10 0	0 45	14 19	1 45	6 37	13 25	23 18	23 19	24 30	15 9	1 44	S 4
M 5	22 47	24 33	1 54	18 14	0 19	23 32	0 31	15 56	1 12	5 43	1 19	8 26	2 26	9 59	0 45	14 20	1 45	6 37	13 25	23 18	23 19	24 29	15 9	1 44	M 5
T 6	22 42	24 16	0 51	17 46	0 9	23 28	0 33	15 43	1 12	5 45	1 19	8 27	2 26	9 58	0 45	14 20	1 45	6 37	13 25	23 18	23 19	24 29	15 10	1 44	T 6
W 7	22 35	22 54	0s15	17 19	0s 2	23 23	0 36	15 31	1 11	5 47	1 19	8 28	2 27	9 57	0 45	14 20	1 45	6 37	13 25	23 18	23 19	24 28	15 11	1 45	W 7
T 8	22 29	20 30	1 20	16 51	0 14	23 18	0 38	15 19	1 11	5 49	1 20	8 29	2 27	9 55	0 45	14 21	1 45	6 37	13 25	23 18	23 19	24 28	15 11	1 45	T 8
F 9	22 22	17 11	2 22	16 23	0 26	23 11	0 40	15 7	1 10	5 51	1 20	8 30	2 27	9 54	0 45	14 21	1 45	6 37	13 25	23 18	23 19	24 27	15 12	1 45	F 9
S 10	22 14	13 7	3 19	15 56	0 38	23 4	0 42	14 54	1 10	5 53	1 20	8 31	2 27	9 53	0 45	14 21	1 45	6 37	13 26	23 18	23 19	24 27	15 12	1 45	S 10
S 11	22 6	8 27	4 7	15 29	0 50	22 57	0 44	14 41	1 10	5 55	1 21	8 32	2 28	9 52	0 45	14 22	1 45	6 37	13 26	23 18	23 20	24 27	15 13	1 45	S 11
M12	21 58	3 23	4 44	15 3	1 3	22 49	0 46	14 29	1 9	5 57	1 21	8 33	2 28	9 51	0 45	14 22	1 45	6 37	13 26	23 18	23 20	24 26	15 13	1 45	M12
T 13	21 50	1s56	5 8	14 38	1 16	22 40	0 48	14 16	1 9	5 58	1 21	8 33	2 28	9 50	0 44	14 22	1 45	6 37	13 26	23 18	23 20	24 26	15 14	1 46	T 13
W14	21 41	7 16	5 16	14 13	1 30	22 30	0 50	14 3	1 8	6 0	1 21	8 34	2 28	9 49	0 44	14 23	1 46	6 37	13 26	23 18	23 20	24 25	15 14	1 46	W14
T 15	21 31	12 23	5 8	13 49	1 43	22 20	0 52	13 50	1 8	6 2	1 22	8 35	2 29	9 48	0 44	14 23	1 46	6 37	13 27	23 18	23 20	24 25	15 15	1 46	T 15
F 16	21 22	17 2	4 42	13 26	1 57	22 9	0 54	13 37	1 8	6 3	1 22	8 36	2 29	9 47	0 44	14 23	1 46	6 37	13 27	23 18	23 20	24 24	15 15	1 46	F 16
S 17	21 12	20 50	3 59	13 5	2 11	21 57	0 55	13 24	1 7	6 4	1 22	8 36	2 29	9 46	0 44	14 23	1 46	6 37	13 27	23 18	23 20	24 24	15 15	1 46	S 17
S 18	21 1	23 28	3 0	12 44	2 25	21 45	0 57	13 10	1 7	6 6	1 22	8 37	2 29	9 45	0 44	14 24	1 46	6 37	13 27	23 18	23 21	24 23	15 16	1 47	S 18
M19	20 50	24 33	1 48	12 25	2 38	21 32	0 59	12 57	1 6	6 7	1 23	8 37	2 30	9 43	0 44	14 24	1 46	6 37	13 27	23 18	23 21	24 23	15 16	1 47	M19
T 20	20 39	23 55	0 28	12 8	2 52	21 19	1 1	12 44	1 6	6 8	1 23	8 38	2 30	9 42	0 44	14 24	1 46	6 37	13 28	23 18	23 21	24 22	15 17	1 47	T 20
W21	20 28	21 33	0n54	11 52	3 6	21 5	1 2	12 30	1 5	6 9	1 23	8 39	2 30	9 41	0 44	14 24	1 46	6 37	13 28	23 18	23 21	24 22	15 17	1 47	W21
T 22	20 16	17 45	2 13	11 38	3 19	20 50	1 4	12 17	1 5	6 11	1 23	8 39	2 31	9 40	0 44	14 24	1 46	6 37	13 28	23 18	23 21	24 21	15 17	1 47	T 22
F 23	20 4	12 52	3 21	11 26	3 32	20 35	1 6	12 3	1 5	6 12	1 24	8 39	2 31	9 39	0 44	14 25	1 46	6 37	13 28	23 18	23 21	24 21	15 18	1 47	F 23
S 24	19 52	7 22	4 15	11 15	3 44	20 19	1 7	11 49	1 4	6 12	1 24	8 40	2 31	9 37	0 44	14 25	1 46	6 36	13 28	23 18	23 21	24 20	15 18	1 48	S 24
S 25	19 39	1 39	4 52	11 7	3 56	20 2	1 9	11 35	1 4	6 13	1 24	8 40	2 31	9 36	0 44	14 25	1 46	6 36	13 29	23 19	23 21	24 20	15 18	1 48	S 25
M26	19 26	3n58	5 11	11 1	4 8	19 45	1 10	11 21	1 3	6 14	1 25	8 41	2 32	9 35	0 44	14 25	1 46	6 36	13 29	23 19	23 22	24 19	15 18	1 48	M26
T 27	19 12	9 13	5 13	10 58	4 18	19 28	1 11	11 7	1 3	6 15	1 25	8 41	2 32	9 34	0 44	14 25	1 46	6 36	13 29	23 19	23 22	24 19	15 19	1 48	T 27
W28	18 58	13 55	4 59	10 56	4 27	19 9	1 13	10 53	1 2	6 15	1 25	8 41	2 32	9 32	0 44	14 25	1 46	6 36	13 29	23 19	23 22	24 18	15 19	1 48	W28
T 29	18 44	17 54	4 31	10 58	4 35	18 51	1 14	10 39	1 2	6 16	1 25	8 41	2 32	9 31	0 44	14 26	1 46	6 36	13 30	23 19	23 22	24 17	15 19	1 49	T 29
F 30	18 30	21 3	3 52	11 1	4 42	18 32	1 15	10 25	1 2	6 17	1 26	8 41	2 33	9 30	0 44	14 26	1 46	6 36	13 30	23 19	23 22	24 17	15 19	1 49	F 30
S 31	18n15	23n14	3n 3	11n 7	4s48	18n12	1n16	10n11	1n 1	6n17	1s26	8n42	2s33	9n29	0n44	14n26	1s46	6n36	13s30	23s19	23s22	24n16	15n19	1s49	S 31

Julian Day Number = 2407897.5, Delta T = -3.42 sec
Ecliptic obliquity = 23°27'18, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°04'17, Lahiri = 22°11'18

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ASTRODIENST EPHEMERIS for the year 1880
geocentric

AUGUST 1880 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 39 55	9♌ 3'38	12♊14	16°R31	14♌ 2	6♍51	19♈27	28♈53	7♍28	14♉16	28♉14	6♑ 7	4♑43	24♊21	17♉32	S 1
M 2	20 43 51	10° 1'05	24° 1	15♌47	15°16	7°29	19°29	28°54	7°31	14°16	28°15	6° 9	4°39	24°28	17°33	M 2
T 3	20 47 48	10°58'33	5♋50	15° 2	16°30	8° 7	19°30	28°55	7°35	14°17	28°15	6°R 9	4°36	24°34	17°35	T 3
W 4	20 51 44	11°56'02	17°45	14°15	17°44	8°44	19°31	28°55	7°38	14°17	28°16	6° 9	4°33	24°41	17°36	W 4
T 5	20 55 41	12°53'32	29°49	13°28	18°58	9°22	19°32	28°56	7°42	14°17	28°16	6° 6	4°30	24°48	17°37	T 5
F 6	20 59 37	13°51'03	12♌ 3	12°42	20°12	10° 0	19°32	28°57	7°45	14°18	28°17	6° 2	4°27	24°54	17°38	F 6
S 7	21 3 34	14°48'36	24°29	11°56	21°27	10°38	19°33	28°57	7°49	14°18	28°17	5°57	4°24	25° 1	17°39	S 7
S 8	21 7 31	15°46'09	7♍ 8	11°13	22°41	11°15	19°33	28°57	7°52	14°18	28°18	5°50	4°20	25° 8	17°40	S 8
M 9	21 11 27	16°43'43	20° 1	10°33	23°55	11°53	19°R33	28°57	7°56	14°19	28°18	5°43	4°17	25°14	17°40	M 9
T 10	21 15 24	17°41'18	3♎ 6	9°57	25° 9	12°31	19°33	28°R57	8° 0	14°19	28°19	5°36	4°14	25°21	17°41	T 10
W11	21 19 20	18°38'55	16°25	9°26	26°23	13° 9	19°32	28°57	8° 3	14°19	28°19	5°31	4°11	25°28	17°42	W11
T 12	21 23 17	19°36'32	29°57	9° 0	27°37	13°47	19°32	28°57	8° 7	14°19	28°19	5°28	4° 8	25°34	17°43	T 12
F 13	21 27 13	20°34'10	13♏42	8°40	28°51	14°25	19°31	28°57	8°10	14°20	28°20	5°26	4° 5	25°41	17°43	F 13
S 14	21 31 10	21°31'50	27°40	8°26	0♍ 5	15° 3	19°30	28°57	8°14	14°20	28°20	5°D26	4° 1	25°48	17°44	S 14
S 15	21 35 6	22°29'30	11♐51	8°D19	1°19	15°41	19°29	28°56	8°18	14°20	28°20	5°27	3°58	25°54	17°44	S 15
M16	21 39 3	23°27'11	26°13	8°19	2°34	16°19	19°28	28°56	8°21	14°20	28°20	5°28	3°55	26° 1	17°45	M16
T 17	21 43 0	24°24'54	10♑43	8°27	3°48	16°57	19°26	28°55	8°25	14°R20	28°21	5°R28	3°52	26° 8	17°45	T 17
W18	21 46 56	25°22'37	25°18	8°42	5° 2	17°35	19°24	28°54	8°29	14°20	28°21	5°26	3°49	26°14	17°45	W18
T 19	21 50 53	26°20'22	9♒53	9° 5	6°16	18°13	19°22	28°54	8°32	14°20	28°21	5°23	3°45	26°21	17°46	T 19
F 20	21 54 49	27°18'08	24°20	9°35	7°30	18°52	19°20	28°53	8°36	14°20	28°21	5°17	3°42	26°27	17°46	F 20
S 21	21 58 46	28°15'55	8♓35	10°13	8°44	19°30	19°18	28°52	8°40	14°20	28°21	5° 9	3°39	26°34	17°46	S 21
S 22	22 2 42	29°13'44	22°31	10°59	9°59	20° 8	19°15	28°50	8°44	14°19	28°22	5° 0	3°36	26°41	17°R46	S 22
M23	22 6 39	0♍11'34	6♈ 5	11°51	11°13	20°46	19°13	28°49	8°47	14°19	28°22	4°51	3°33	26°47	17°46	M23
T 24	22 10 35	1° 9'26	19°15	12°51	12°27	21°25	19°10	28°48	8°51	14°19	28°22	4°44	3°30	26°54	17°46	T 24
W25	22 14 32	2° 7'20	2♉ 2	13°57	13°41	22° 3	19° 6	28°46	8°55	14°19	28°22	4°38	3°26	27° 1	17°46	W25
T 26	22 18 28	3° 5'16	14°28	15° 9	14°55	22°41	19° 3	28°45	8°59	14°19	28°22	4°34	3°23	27° 7	17°45	T 26
F 27	22 22 25	4° 3'14	26°36	16°28	16° 9	23°20	19° 0	28°43	9° 2	14°18	28°22	4°32	3°20	27°14	17°45	F 27
S 28	22 26 22	5° 1'13	8♊33	17°52	17°24	23°58	18°56	28°41	9° 6	14°18	28°R22	4°D32	3°17	27°21	17°45	S 28
S 29	22 30 18	5°59'14	20°22	19°21	18°38	24°37	18°52	28°40	9°10	14°18	28°22	4°32	3°14	27°27	17°44	S 29
M30	22 34 15	6°57'18	2♋10	20°55	19°52	25°15	18°48	28°38	9°14	14°17	28°22	4°R33	3°10	27°34	17°44	M30
T 31	22 38 11	7♍55'23	14♋ 2	22♌33	21♍ 6	25♍54	18♈44	28♈36	9♍17	14♉17	28♉22	4♑32	3♑ 7	27♊41	17♉44	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 0	24n23	2n 7	11n15	4s52	17n52	1n17	9n56	1n 1	6n17	1s26	8n42	2s33	9n27	0n44	14n26	1s47	6n36	13s30	23s19	23s22	24n16	15n20	1s49
M 2	17 45	24 25	1 6	11 25	4 54	17 31	1 18	9 42	1 0	6 18	1 26	8 42	2 33	9 26	0 44	14 26	1 47	6 36	13 30	23 19	23 22	24 15	15 20	1 49
T 3	17 29	23 21	0 2	11 38	4 55	17 10	1 19	9 28	1 0	6 18	1 27	8 42	2 34	9 25	0 44	14 26	1 47	6 36	13 31	23 19	23 22	24 14	15 20	1 50
W 4	17 13	21 14	1s 3	11 52	4 54	16 48	1 20	9 13	0 59	6 18	1 27	8 42	2 34	9 23	0 44	14 26	1 47	6 35	13 31	23 19	23 23	24 14	15 20	1 50
T 5	16 57	18 10	2 5	12 8	4 51	16 26	1 21	8 58	0 59	6 18	1 27	8 42	2 34	9 22	0 44	14 26	1 47	6 35	13 31	23 19	23 23	24 13	15 20	1 50
F 6	16 41	14 16	3 3	12 26	4 46	16 3	1 22	8 44	0 59	6 18	1 28	8 42	2 35	9 21	0 44	14 26	1 47	6 35	13 31	23 19	23 23	24 13	15 20	1 50
S 7	16 24	9 43	3 53	12 45	4 39	15 40	1 22	8 29	0 58	6 18	1 28	8 42	2 35	9 19	0 44	14 26	1 47	6 35	13 32	23 19	23 23	24 12	15 20	1 50
S 8	16 7	4 41	4 32	13 5	4 31	15 16	1 23	8 14	0 58	6 18	1 28	8 41	2 35	9 18	0 44	14 26	1 47	6 35	13 32	23 20	23 23	24 11	15 20	1 51
M 9	15 50	0s37	4 58	13 25	4 21	14 53	1 24	7 59	0 57	6 17	1 28	8 41	2 35	9 17	0 44	14 26	1 47	6 35	13 32	23 20	23 23	24 11	15 20	1 51
T 10	15 32	5 58	5 9	13 46	4 9	14 28	1 24	7 45	0 57	6 17	1 29	8 41	2 36	9 15	0 44	14 26	1 47	6 34	13 32	23 20	23 23	24 10	15 20	1 51
W11	15 15	11 8	5 4	14 6	3 56	14 3	1 25	7 30	0 56	6 17	1 29	8 41	2 36	9 14	0 44	14 26	1 47	6 34	13 33	23 20	23 23	24 10	15 20	1 51
T 12	14 57	15 51	4 42	14 27	3 42	13 38	1 25	7 15	0 56	6 16	1 29	8 41	2 36	9 13	0 44	14 26	1 47	6 34	13 33	23 21	23 23	24 9	15 20	1 51
F 13	14 39	19 50	4 3	14 47	3 27	13 13	1 25	6 59	0 55	6 16	1 29	8 40	2 36	9 11	0 44	14 26	1 47	6 34	13 33	23 21	23 24	24 8	15 20	1 52
S 14	14 20	22 44	3 10	15 6	3 11	12 47	1 26	6 44	0 55	6 15	1 30	8 40	2 37	9 10	0 44	14 26	1 47	6 34	13 33	23 21	23 24	24 8	15 20	1 52
S 15	14 2	24 16	2 4	15 23	2 54	12 21	1 26	6 29	0 55	6 14	1 30	8 39	2 37	9 9	0 44	14 26	1 47	6 34	13 34	23 21	23 24	24 7	15 20	1 52
M16	13 43	24 14	0 50	15 40	2 37	11 54	1 26	6 14	0 54	6 14	1 30	8 39	2 37	9 7	0 44	14 26	1 47	6 33	13 34	23 21	23 24	24 6	15 20	1 52
T 17	13 24	22 33	0n28	15 55	2 20	11 28	1 26	5 59	0 54	6 13	1 31	8 39	2 37	9 6	0 44	14 26	1 47	6 33	13 34	23 21	23 24	24 6	15 20	1 52
W18	13 4	19 22	1 45	16 8	2 2	11 1	1 26	5 43	0 53	6 12	1 31	8 38	2 38	9 4	0 44	14 26	1 48	6 33	13 34	23 21	23 24	24 5	15 20	1 53
T 19	12 45	14 59	2 54	16 19	1 44	10 33	1 26	5 28	0 53	6 11	1 31	8 38	2 38	9 3	0 44	14 26	1 48	6 33	13 35	23 21	23 24	24 4	15 20	1 53
F 20	12 25	9 46	3 52	16 28	1 27	10 5	1 26	5 13	0 52	6 10	1 31	8 37	2 38	9 2	0 44	14 26	1 48	6 33	13 35	23 21	23 24	24 3	15 20	1 53
S 21	12 5	4 7	4 34	16 35	1 9	9 37	1 26	4 57	0 52	6 9	1 32	8 36	2 39	9 0	0 44	14 26	1 48	6 32	13 35	23 21	23 24	24 3	15 20	1 53
S 22	11 45	1n36	4 59	16 39	0 53	9 9	1 26	4 42	0 51	6 8	1 32	8 36	2 39	8 59	0 44	14 26	1 48	6 32	13 35	23 22	23 24	24 2	15 19	1 53
M23	11 25	7 6	5 6	16 40	0 36	8 41	1 25	4 26	0 51	6 6	1 32	8 35	2 39	8 57	0 44	14 26	1 48	6 32	13 36	23 22	23 24	24 1	15 19	1 54
T 24	11 4	12 6	4 56	16 38	0 21	8 12	1 25	4 11	0 50	6 5	1 32	8 34	2 39	8 56	0 44	14 26	1 48	6 32	13 36	23 22	23 25	24 1	15 19	1 54
W25	10 44	16 26	4 32	16 34	0 5	7 43	1 24	3 55	0 50	6 4	1 33	8 34	2 40	8 55	0 44	14 26	1 48	6 31	13 36	23 22	23 25	24 0	15 19	1 54
T 26	10 23	19 56	3 55	16 26	0n 9	7 14	1 24	3 40	0 50	6 2	1 33	8 33	2 40	8 53	0 44	14 25	1 48	6 31	13 36	23 23	23 25	23 59	15 18	1 54
F 27	10 2	22 28	3 9	16 16	0 22	6 45	1 23	3 24	0 49	6 1	1 33	8 32	2 40	8 52	0 44	14 25	1 48	6 31	13 37	23 23	23 25	23 58	15 18	1 55
S 28	9 41	23 58	2 15	16 2	0 35	6 15	1 23	3 8	0 49	5 59	1 33	8 31	2 40	8 50	0 44	14 25	1 48	6 31	13 37	23 23	23 25	23 58	15 18	1 55
S 29	9 19	24 21	1 15	15 45	0 46	5 46	1 22	2 53	0 48	5 57	1 34	8 30	2 40	8 49	0 44	14 25	1 48	6 31	13 37	23 23	23 25	23 57	15 18	1 55
M30	8 58	23 39	0 13	15 26	0 57	5 16	1 21	2 37	0 48	5 55	1 34	8 29	2 41	8 48	0 44	14 25	1 48	6 30	13 37	23 23	23 25	23 56	15 17	1 55
T 31	8n36	21n53	0s51	15n 3	1n 6	4n46	1n20	2n21	0n47	5n54	1s34	8n28	2s41	8n46	0n44	14n25	1s48	6n30	13s38	23s23	23s25	23n55	15n17	1s55

Julian Day Number = 2407928.5, Delta T = -3.45 sec
Ecliptic obliquity = 23°27'18, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°04'21, Lahiri = 22°11'22

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1880
geocentric

SEPTEMBER 1880 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 42 8	8♍53'30	26♋ 1	24♌14	22♍20	26♍32	18°R39	28°R33	9♍21	14°R16	28°R22	4°R30	3♉ 4	27♊47	17°R43	W 1
T 2	22 46 4	9°51'38	8♌13	25°59	23°35	27°11	18♈35	28♈31	9°25	14♉16	28♉22	4♉25	3° 1	27°54	17♉42	T 2
F 3	22 50 1	10°49'49	20°40	27°47	24°49	27°50	18°30	28°29	9°29	14°15	28°22	4°18	2°58	28° 0	17°42	F 3
S 4	22 53 57	11°48'01	3♍23	29°36	26° 3	28°28	18°25	28°26	9°32	14°15	28°21	4° 8	2°55	28° 7	17°41	S 4
S 5	22 57 54	12°46'16	16°22	1♍27	27°17	29° 7	18°20	28°24	9°36	14°14	28°21	3°57	2°51	28°14	17°40	S 5
M 6	23 1 51	13°44'32	29°37	3°20	28°32	29°46	18°15	28°21	9°40	14°13	28°21	3°46	2°48	28°20	17°39	M 6
T 7	23 5 47	14°42'49	13♎ 6	5°14	29°46	0♎25	18° 9	28°19	9°44	14°13	28°21	3°35	2°45	28°27	17°38	T 7
W 8	23 9 44	15°41'09	26°47	7° 8	1♎ 0	1° 4	18° 4	28°16	9°47	14°12	28°21	3°25	2°42	28°34	17°37	W 8
T 9	23 13 40	16°39'30	10♏36	9° 2	2°14	1°43	17°58	28°13	9°51	14°11	28°20	3°18	2°39	28°40	17°36	T 9
F 10	23 17 37	17°37'52	24°32	10°57	3°28	2°21	17°52	28°10	9°55	14°11	28°20	3°14	2°36	28°47	17°35	F 10
S 11	23 21 33	18°36'16	8♐33	12°52	4°43	3° 0	17°46	28° 7	9°59	14°10	28°20	3°12	2°32	28°54	17°34	S 11
S 12	23 25 30	19°34'42	22°38	14°46	5°57	3°39	17°40	28° 4	10° 2	14° 9	28°20	3°D12	2°29	29° 0	17°33	S 12
M13	23 29 26	20°33'10	6♑46	16°40	7°11	4°18	17°34	28° 1	10° 6	14° 8	28°19	3°R12	2°26	29° 7	17°32	M13
T 14	23 33 23	21°31'39	20°57	18°33	8°25	4°58	17°27	27°57	10°10	14° 7	28°19	3°11	2°23	29°14	17°30	T 14
W15	23 37 20	22°30'09	5♒ 8	20°25	9°40	5°37	17°21	27°54	10°14	14° 7	28°19	3° 8	2°20	29°20	17°29	W15
T 16	23 41 16	23°28'41	19°17	22°17	10°54	6°16	17°14	27°51	10°17	14° 6	28°18	3° 3	2°16	29°27	17°28	T 16
F 17	23 45 13	24°27'15	3♓20	24° 8	12° 8	6°55	17° 7	27°47	10°21	14° 5	28°18	2°54	2°13	29°34	17°26	F 17
S 18	23 49 9	25°25'51	17°13	25°58	13°22	7°34	17° 0	27°43	10°25	14° 4	28°17	2°43	2°10	29°40	17°25	S 18
S 19	23 53 6	26°24'28	0♈52	27°47	14°36	8°13	16°53	27°40	10°28	14° 3	28°17	2°31	2° 7	29°47	17°23	S 19
M20	23 57 2	27°23'08	14°14	29°35	15°50	8°53	16°46	27°36	10°32	14° 2	28°17	2°18	2° 4	29°53	17°21	M20
T 21	0 0 59	28°21'49	27°16	1♎22	17° 5	9°32	16°39	27°32	10°36	14° 1	28°16	2° 7	2° 1	0♋ 0	17°20	T 21
W22	0 4 55	29°20'33	9♉58	3° 8	18°19	10°11	16°32	27°28	10°39	14° 0	28°16	1°57	1°57	0° 7	17°18	W22
T 23	0 8 52	0♎19'19	22°21	4°54	19°33	10°51	16°24	27°24	10°43	13°59	28°15	1°50	1°54	0°13	17°16	T 23
F 24	0 12 49	1°18'07	4♊29	6°38	20°47	11°30	16°17	27°20	10°47	13°57	28°15	1°46	1°51	0°20	17°14	F 24
S 25	0 16 45	2°16'58	16°25	8°21	22° 1	12°10	16° 9	27°16	10°50	13°56	28°14	1°44	1°48	0°27	17°12	S 25
S 26	0 20 42	3°15'51	28°14	10° 4	23°15	12°49	16° 1	27°12	10°54	13°55	28°13	1°44	1°45	0°33	17°10	S 26
M27	0 24 38	4°14'46	10♋ 3	11°46	24°30	13°29	15°54	27° 8	10°57	13°54	28°13	1°44	1°42	0°40	17° 8	M27
T 28	0 28 35	5°13'43	21°55	13°26	25°44	14° 9	15°46	27° 4	11° 1	13°53	28°12	1°43	1°38	0°47	17° 6	T 28
W29	0 32 31	6°12'43	3♌57	15° 6	26°58	14°48	15°38	27° 0	11° 4	13°51	28°12	1°41	1°35	0°53	17° 4	W29
T 30	0 36 28	7♎11'44	16♌13	16♎45	28♎12	15♎28	15♈30	26♈55	11♍ 8	13♉50	28♉11	1♉36	1♉32	1♋ 0	17♉ 2	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n14	19n 7	1s52	14n38	1n15	4n16	1n20	2n 5	0n47	5n52	1s34	8n27	2s41	8n45	0n44	14n24	1s48	6n30	13s38	23s23	23s25	23n55	15n17	1s56
T 2	7 53	15 30	2 49	14 9	1 22	3 45	1 19	1 50	0 46	5 50	1 34	8 26	2 41	8 43	0 44	14 24	1 48	6 29	13 38	23 23	23 25	23 54	15 16	1 56
F 3	7 31	11 8	3 40	13 39	1 29	3 15	1 18	1 34	0 46	5 48	1 35	8 25	2 42	8 42	0 44	14 24	1 48	6 29	13 38	23 23	23 25	23 53	15 16	1 56
S 4	7 8	6 14	4 20	13 5	1 34	2 44	1 16	1 18	0 45	5 46	1 35	8 24	2 42	8 40	0 44	14 24	1 49	6 29	13 39	23 23	23 25	23 52	15 15	1 56
S 5	6 46	0 57	4 48	12 30	1 39	2 14	1 15	1 2	0 45	5 44	1 35	8 23	2 42	8 39	0 44	14 24	1 49	6 29	13 39	23 24	23 25	23 52	15 15	1 56
M 6	6 24	4s27	5 1	11 53	1 42	1 43	1 14	0 46	0 44	5 42	1 35	8 22	2 42	8 38	0 44	14 23	1 49	6 28	13 39	23 24	23 26	23 51	15 15	1 57
T 7	6 1	9 45	4 58	11 14	1 45	1 12	1 13	0 30	0 44	5 39	1 35	8 21	2 43	8 36	0 44	14 23	1 49	6 28	13 39	23 24	23 26	23 50	15 14	1 57
W 8	5 39	14 39	4 38	10 33	1 47	0 42	1 11	0 14	0 43	5 37	1 36	8 20	2 43	8 35	0 44	14 23	1 49	6 28	13 40	23 25	23 26	23 49	15 14	1 57
T 9	5 16	18 49	4 1	9 51	1 48	0 11	1 10	0s 1	0 43	5 35	1 36	8 19	2 43	8 33	0 44	14 23	1 49	6 28	13 40	23 25	23 26	23 48	15 13	1 57
F 10	4 53	21 59	3 10	9 8	1 48	0s20	1 9	0 17	0 42	5 32	1 36	8 17	2 43	8 32	0 44	14 22	1 49	6 27	13 40	23 25	23 26	23 48	15 13	1 57
S 11	4 31	23 50	2 7	8 24	1 48	0 51	1 7	0 33	0 42	5 30	1 36	8 16	2 43	8 31	0 44	14 22	1 49	6 27	13 40	23 25	23 26	23 47	15 12	1 58
S 12	4 8	24 11	0 56	7 39	1 47	1 22	1 6	0 49	0 41	5 27	1 36	8 15	2 44	8 29	0 44	14 22	1 49	6 27	13 41	23 25	23 26	23 46	15 12	1 58
M13	3 45	22 58	0n19	6 53	1 45	1 53	1 4	1 5	0 41	5 25	1 36	8 13	2 44	8 28	0 44	14 21	1 49	6 26	13 41	23 25	23 26	23 45	15 11	1 58
T 14	3 22	20 18	1 33	6 7	1 43	2 23	1 2	1 21	0 40	5 22	1 37	8 12	2 44	8 26	0 44	14 21	1 49	6 26	13 41	23 25	23 26	23 44	15 11	1 58
W15	2 59	16 24	2 40	5 20	1 40	2 54	1 1	1 37	0 40	5 20	1 37	8 11	2 44	8 25	0 44	14 21	1 49	6 26	13 41	23 25	23 26	23 43	15 10	1 58
T 16	2 35	11 36	3 38	4 33	1 37	3 25	0 59	1 53	0 40	5 17	1 37	8 9	2 44	8 24	0 44	14 21	1 49	6 25	13 42	23 25	23 26	23 43	15 9	1 59
F 17	2 12	6 13	4 22	3 46	1 33	3 56	0 57	2 9	0 39	5 14	1 37	8 8	2 44	8 22	0 44	14 20	1 49	6 25	13 42	23 25	23 26	23 42	15 9	1 59
S 18	1 49	0 36	4 50	2 58	1 29	4 26	0 55	2 25	0 39	5 11	1 37	8 7	2 45	8 21	0 44	14 20	1 49	6 25	13 42	23 26	23 26	23 41	15 8	1 59
S 19	1 26	4n56	5 0	2 11	1 25	4 57	0 53	2 41	0 38	5 9	1 37	8 5	2 45	8 19	0 44	14 20	1 49	6 25	13 42	23 26	23 26	23 40	15 8	1 59
M20	1 2	10 8	4 54	1 23	1 20	5 27	0 51	2 57	0 38	5 6	1 37	8 4	2 45	8 18	0 44	14 19	1 49	6 24	13 42	23 26	23 26	23 39	15 7	1 59
T 21	0 39	14 44	4 33	0 36	1 15	5 57	0 49	3 13	0 37	5 3	1 37	8 2	2 45	8 17	0 44	14 19	1 49	6 24	13 43	23 26	23 26	23 38	15 6	2 0
W22	0 16	18 34	3 58	0s11	1 9	6 28	0 47	3 29	0 37	5 0	1 38	8 1	2 45	8 15	0 44	14 18	1 49	6 24	13 43	23 26	23 26	23 37	15 6	2 0
T 23	0s 8	21 28	3 12	0 58	1 4	6 58	0 45	3 45	0 36	4 57	1 38	7 59	2 45	8 14	0 44	14 18	1 49	6 23	13 43	23 27	23 26	23 36	15 5	2 0
F 24	0 31	23 20	2 19	1 45	0 58	7 28	0 43	4 1	0 36	4 54	1 38	7 58	2 45	8 13	0 44	14 18	1 50	6 23	13 43	23 27	23 27	23 35	15 4	2 0
S 25	0 54	24 6	1 20	2 31	0 52	7 57	0 40	4 16	0 35	4 51	1 38	7 56	2 46	8 11	0 44	14 17	1 50	6 23	13 43	23 27	23 27	23 35	15 3	2 0
S 26	1 18	23 45	0 19	3 18	0 45	8 27	0 38	4 32	0 34	4 48	1 38	7 54	2 46	8 10	0 44	14 17	1 50	6 22	13 44	23 27	23 27	23 34	15 3	2 1
M27	1 41	22 21	0s44	4 3	0 39	8 57	0 36	4 48	0 34	4 45	1 38	7 53	2 46	8 9	0 44	14 17	1 50	6 22	13 44	23 27	23 27	23 33	15 2	2 1
T 28	2 5	19 57	1 45	4 48	0 32	9 26	0 34	5 4	0 33	4 42	1 38	7 51	2 46	8 7	0 44	14 16	1 50	6 22	13 44	23 27	23 27	23 32	15 1	2 1
W29	2 28	16 39	2 42	5 33	0 26	9 55	0 31	5 20	0 33	4 39	1 38	7 50	2 46	8 6	0 44	14 16	1 50	6 21	13 44	23 27	23 27	23 31	15 0	2 1
T 30	2s51	12n36	3s32	6s18	0n19	10s24	0n29	5s36	0n32	4n36	1s38	7n48	2s46	8n 5	0n44	14n15	1s50	6n21	13s45	23s27	23s27	23n30	15n 0	2s 1

Julian Day Number = 2407959.5, Delta T = -3.49 sec
Ecliptic obliquity = 23°27'18, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°04'26, Lahiri = 22°11'26

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ASTRODIENST EPHEMERIS for the year 1880
geocentric

OCTOBER 1880 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 40 24	8♎10'48	28♌48	18♎23	29♎26	16♎ 8	15°R22	26°R51	11♍11	13°R49	28°R10	1°R28	1♋29	1♋ 7	17°R 0	F 1
S 2	0 44 21	9° 9'55	11♍43	20° 0	0♏40	16°47	15♈14	26♈47	11°15	13♉48	28♉10	1♋18	1°26	1°13	16♉58	S 2
S 3	0 48 17	10° 9'03	25° 0	21°37	1°55	17°27	15° 6	26°42	11°18	13°46	28° 9	1° 6	1°22	1°20	16°55	S 3
M 4	0 52 14	11° 8'14	8♎37	23°12	3° 9	18° 7	14°58	26°38	11°22	13°45	28° 8	0°54	1°19	1°26	16°53	M 4
T 5	0 56 11	12° 7'26	22°31	24°47	4°23	18°47	14°50	26°33	11°25	13°44	28° 8	0°42	1°16	1°33	16°51	T 5
W 6	1 0 7	13° 6'41	6♏37	26°21	5°37	19°27	14°42	26°29	11°28	13°42	28° 7	0°32	1°13	1°40	16°48	W 6
T 7	1 4 4	14° 5'57	20°52	27°54	6°51	20° 7	14°34	26°24	11°32	13°41	28° 6	0°24	1°10	1°46	16°46	T 7
F 8	1 8 0	15° 5'16	5♐ 9	29°27	8° 5	20°47	14°26	26°19	11°35	13°39	28° 5	0°19	1° 7	1°53	16°43	F 8
S 9	1 11 57	16° 4'36	19°25	0♏59	9°19	21°27	14°18	26°15	11°38	13°38	28° 4	0°17	1° 3	2° 0	16°41	S 9
S 10	1 15 53	17° 3'58	3♑37	2°30	10°33	22° 7	14° 9	26°10	11°42	13°36	28° 4	0°D17	1° 0	2° 6	16°38	S 10
M11	1 19 50	18° 3'22	17°44	4° 0	11°48	22°47	14° 1	26° 5	11°45	13°35	28° 3	0°R17	0°57	2°13	16°36	M11
T 12	1 23 46	19° 2'48	1♒45	5°30	13° 2	23°28	13°53	26° 1	11°48	13°33	28° 2	0°17	0°54	2°20	16°33	T 12
W13	1 27 43	20° 2'15	15°39	6°59	14°16	24° 8	13°45	25°56	11°51	13°32	28° 1	0°14	0°51	2°26	16°30	W13
T 14	1 31 40	21° 1'44	29°25	8°27	15°30	24°48	13°37	25°51	11°54	13°30	28° 0	0° 9	0°47	2°33	16°28	T 14
F 15	1 35 36	22° 1'15	13♓ 3	9°54	16°44	25°28	13°29	25°46	11°57	13°29	27°59	0° 1	0°44	2°40	16°25	F 15
S 16	1 39 33	23° 0'47	26°31	11°21	17°58	26° 9	13°22	25°42	12° 0	13°27	27°59	29♐51	0°41	2°46	16°22	S 16
S 17	1 43 29	24° 0'22	9♈46	12°47	19°12	26°49	13°14	25°37	12° 4	13°26	27°58	29°40	0°38	2°53	16°19	S 17
M18	1 47 26	24°59'58	22°48	14°12	20°26	27°30	13° 6	25°32	12° 7	13°24	27°57	29°29	0°35	2°59	16°16	M18
T 19	1 51 22	25°59'37	5♉34	15°36	21°40	28°10	12°58	25°27	12°10	13°23	27°56	29°18	0°32	3° 6	16°14	T 19
W20	1 55 19	26°59'17	18° 5	16°59	22°54	28°51	12°51	25°22	12°12	13°21	27°55	29° 9	0°28	3°13	16°11	W20
T 21	1 59 15	27°59'00	0♊22	18°22	24° 8	29°31	12°43	25°18	12°15	13°19	27°54	29° 3	0°25	3°19	16° 8	T 21
F 22	2 3 12	28°58'45	12°25	19°43	25°22	0♏12	12°36	25°13	12°18	13°18	27°53	28°59	0°22	3°26	16° 5	F 22
S 23	2 7 9	29°58'32	24°19	21° 4	26°36	0°52	12°28	25° 8	12°21	13°16	27°52	28°D57	0°19	3°33	16° 2	S 23
S 24	2 11 5	0♏58'21	6♋ 8	22°23	27°50	1°33	12°21	25° 3	12°24	13°15	27°51	28°57	0°16	3°39	15°59	S 24
M25	2 15 2	1°58'12	17°55	23°42	29° 4	2°14	12°14	24°59	12°27	13°13	27°50	28°58	0°13	3°46	15°56	M25
T 26	2 18 58	2°58'06	29°46	24°59	0♐18	2°55	12° 7	24°54	12°29	13°11	27°49	28°R59	0° 9	3°53	15°53	T 26
W27	2 22 55	3°58'01	11♌47	26°14	1°32	3°36	12° 0	24°49	12°32	13°10	27°48	28°59	0° 6	3°59	15°50	W27
T 28	2 26 51	4°57'59	24° 3	27°29	2°46	4°16	11°53	24°45	12°35	13° 8	27°47	28°57	0° 3	4° 6	15°47	T 28
F 29	2 30 48	5°57'59	6♍39	28°41	3°59	4°57	11°46	24°40	12°37	13° 6	27°46	28°52	29♐59	4°13	15°44	F 29
S 30	2 34 44	6°58'01	19°38	29°52	5°13	5°38	11°40	24°35	12°40	13° 5	27°45	28°46	29°57	4°19	15°41	S 30
S 31	2 38 41	7♏58'06	3♎ 2	1♐ 1	6♐27	6♏19	11♈33	24♈31	12♍43	13♉ 3	27♉44	28♐38	29♐53	4♋26	15♉38	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	3s15	7n56	4s14	7s 1	0n12	10s52	0n26	5s51	0n32	4n33	1s38	7n46	2s46	8n 3	0n44	14n15	1s50	6n21	13s45	23s27	23s27	23n29	14n59	2s 1	F 1
S 2	3 38	2 48	4 44	7 45	0 5	11 21	0 24	6 7	0 31	4 30	1 38	7 45	2 46	8 2	0 44	14 15	1 50	6 20	13 45	23 27	23 27	23 28	14 58	2 2	S 2
S 3	4 1	2s35	4 59	8 27	0s 2	11 49	0 21	6 23	0 31	4 27	1 38	7 43	2 46	8 1	0 44	14 14	1 50	6 20	13 45	23 27	23 27	23 27	14 57	2 2	S 3
M 4	4 25	7 59	4 58	9 9	0 9	12 16	0 19	6 39	0 30	4 23	1 38	7 41	2 47	7 59	0 44	14 14	1 50	6 20	13 45	23 27	23 27	23 26	14 56	2 2	M 4
T 5	4 48	13 5	4 40	9 51	0 16	12 44	0 16	6 54	0 30	4 20	1 38	7 40	2 47	7 58	0 44	14 13	1 50	6 19	13 45	23 27	23 27	23 25	14 56	2 2	T 5
W 6	5 11	17 34	4 4	10 32	0 23	13 11	0 14	7 10	0 29	4 17	1 38	7 38	2 47	7 57	0 44	14 13	1 50	6 19	13 46	23 27	23 27	23 24	14 55	2 2	W 6
T 7	5 34	21 5	3 13	11 12	0 30	13 38	0 11	7 25	0 29	4 14	1 38	7 36	2 47	7 56	0 44	14 12	1 50	6 19	13 46	23 27	23 27	23 23	14 54	2 2	T 7
F 8	5 57	23 17	2 9	11 52	0 37	14 5	0 8	7 41	0 28	4 11	1 38	7 34	2 47	7 54	0 44	14 12	1 50	6 18	13 46	23 27	23 27	23 22	14 53	2 3	F 8
S 9	6 20	23 59	0 57	12 30	0 44	14 31	0 6	7 56	0 28	4 8	1 38	7 33	2 47	7 53	0 44	14 11	1 50	6 18	13 46	23 27	23 27	23 21	14 52	2 3	S 9
S 10	6 42	23 7	0n18	13 9	0 51	14 57	0 3	8 12	0 27	4 5	1 38	7 31	2 47	7 52	0 44	14 11	1 50	6 18	13 46	23 27	23 27	23 20	14 51	2 3	S 10
M11	7 5	20 46	1 31	13 46	0 58	15 23	0 0	8 27	0 27	4 2	1 38	7 29	2 47	7 51	0 44	14 10	1 50	6 17	13 46	23 27	23 27	23 19	14 50	2 3	M11
T 12	7 28	17 12	2 39	14 23	1 5	15 48	0s 2	8 43	0 26	3 59	1 38	7 27	2 47	7 49	0 44	14 10	1 50	6 17	13 47	23 27	23 27	23 18	14 50	2 3	T 12
W13	7 50	12 42	3 36	14 59	1 12	16 13	0 5	8 58	0 26	3 56	1 38	7 26	2 47	7 48	0 44	14 10	1 50	6 17	13 47	23 27	23 27	23 17	14 49	2 3	W13
T 14	8 13	7 36	4 21	15 34	1 18	16 37	0 8	9 13	0 25	3 53	1 38	7 24	2 47	7 47	0 44	14 9	1 50	6 17	13 47	23 27	23 27	23 16	14 48	2 4	T 14
F 15	8 35	2 12	4 50	16 8	1 25	17 1	0 10	9 29	0 25	3 50	1 38	7 22	2 47	7 46	0 44	14 9	1 50	6 16	13 47	23 27	23 27	23 15	14 47	2 4	F 15
S 16	8 57	3n14	5 2	16 41	1 31	17 24	0 13	9 44	0 24	3 47	1 38	7 21	2 47	7 45	0 44	14 8	1 50	6 16	13 47	23 27	23 27	23 14	14 46	2 4	S 16
S 17	9 19	8 26	4 58	17 14	1 38	17 48	0 16	9 59	0 23	3 44	1 38	7 19	2 47	7 44	0 44	14 8	1 50	6 16	13 47	23 27	23 27	23 13	14 45	2 4	S 17
M18	9 41	13 11	4 38	17 46	1 44	18 10	0 19	10 14	0 23	3 41	1 37	7 17	2 47	7 43	0 45	14 7	1 50	6 15	13 47	23 27	23 27	23 12	14 44	2 4	M18
T 19	10 3	17 14	4 5	18 16	1 50	18 32	0 22	10 29	0 22	3 38	1 37	7 15	2 47	7 41	0 45	14 7	1 50	6 15	13 48	23 27	23 27	23 11	14 43	2 4	T 19
W20	10 24	20 26	3 20	18 46	1 56	18 54	0 24	10 44	0 22	3 35	1 37	7 14	2 47	7 40	0 45	14 6	1 50	6 15	13 48	23 27	23 27	23 10	14 42	2 4	W20
T 21	10 46	22 38	2 27	19 15	2 2	19 15	0 27	10 59	0 21	3 32	1 37	7 12	2 47	7 39	0 45	14 6	1 50	6 14	13 48	23 27	23 27	23 9	14 41	2 5	T 21
F 22	11 7	23 45	1 27	19 43	2 7	19 36	0 30	11 13	0 21	3 29	1 37	7 10	2 47	7 38	0 45	14 5	1 50	6 14	13 48	23 27	23 27	23 8	14 40	2 5	F 22
S 23	11 28	23 45	0 25	20 10	2 12	19 56	0 33	11 28	0 20	3 27	1 37	7 9	2 47	7 37	0 45	14 5	1 50	6 14	13 48	23 27	23 27	23 7	14 39	2 5	S 23
S 24	11 49	22 40	0s38	20 35	2 17	20 16	0 35	11 43	0 20	3 24	1 37	7 7	2 47	7 36	0 45	14 4	1 50	6 13	13 48	23 27	23 27	23 6	14 38	2 5	S 24
M25	12 10	20 36	1 40	21 0	2 22	20 35	0 38	11 57	0 19	3 21	1 37	7 5	2 47	7 35	0 45	14 4	1 50	6 13	13 48	23 27	23 27	23 5	14 37	2 5	M25
T 26	12 31	17 38	2 38	21 24	2 27	20 53	0 41	12 12	0 19	3 19	1 36	7 4	2 47	7 34	0 45	14 3	1 50	6 13	13 48	23 27	23 27	23 4	14 36	2 5	T 26
W27	12 51	13 54	3 29	21 46	2 31	21 11	0 44	12 26	0 18	3 16	1 36	7 2	2 47	7 33	0 45	14 3	1 50	6 12	13 48	23 27	23 27	23 3	14 35	2 5	W27
T 28	13 11	9 32	4 13	22 7	2 35	21 29	0 46	12 41	0 17	3 14	1 36	7 0	2 47	7 32	0 45	14 2	1 50	6 12	13 49	23 27	23 27	23 2	14 34	2 5	T 28
F 29	13 31	4 40	4 45	22 27	2 38	21 46	0 49	12 55	0 17	3 11	1 36	6 59	2 47	7 31	0 45	14 2	1 50	6 12	13 49	23 27	23 27	23 1	14 33	2 6	F 29
S 30	13 51	0s33	5 3	22 45	2 41	22 2	0 52	13 9	0 16	3 9	1 36	6 57	2 47	7 30	0 45	14 1	1 50	6 12	13 49	23 27	23 27	22 59	14 32	2 6	S 30
S 31	14s10	5s53	5s 6	23s 2	2s44	22s18	0s54	13s23	0n16	3n 6	1s36	6n55	2s46	7n29	0n45	14n 1	1s50	6n11	13s49	23s27	23s27	22n58	14n31	2s 6	S 31

Julian Day Number = 2407989.5, Delta T = -3.51 sec
Ecliptic obliquity = 23°27'18, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°04'30, Lahiri = 22°11'30

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ASTRODIENST EPHEMERIS for the year 1880
geocentric

NOVEMBER 1880 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 42 38	8♏58'12	16♎51	2♐ 7	7♐41	7♏ 0	11°R27	24°R26	12♍45	13°R 1	27°R43	28°R30	29♐50	4♋32	15°R35	M 1
T 2	2 46 34	9°58'20	1♏ 3	3°12	8°55	7°42	11♈21	24♈22	12°48	13♉ 0	27♉42	28♐21	29°47	4°39	15♉32	T 2
W 3	2 50 31	10°58'30	15°32	4°13	10° 9	8°23	11°15	24°17	12°50	12°58	27°41	28°14	29°44	4°46	15°28	W 3
T 4	2 54 27	11°58'42	0♐13	5°11	11°23	9° 4	11° 9	24°13	12°52	12°56	27°40	28° 9	29°41	4°52	15°25	T 4
F 5	2 58 24	12°58'56	14°56	6° 6	12°37	9°45	11° 3	24° 8	12°55	12°54	27°39	28° 7	29°38	4°59	15°22	F 5
S 6	3 2 20	13°59'12	29°36	6°57	13°51	10°26	10°57	24° 4	12°57	12°53	27°37	28°D 6	29°34	5° 6	15°19	S 6
S 7	3 6 17	14°59'29	14♑ 8	7°44	15° 4	11° 8	10°52	24° 0	12°59	12°51	27°36	28° 7	29°31	5°12	15°16	S 7
M 8	3 10 13	15°59'47	28°27	8°26	16°18	11°49	10°47	23°55	13° 1	12°49	27°35	28° 8	29°28	5°19	15°13	M 8
T 9	3 14 10	17° 0'07	12♒31	9° 2	17°32	12°31	10°42	23°51	13° 4	12°48	27°34	28°R 9	29°25	5°26	15°10	T 9
W10	3 18 7	18° 0'28	26°20	9°33	18°46	13°12	10°37	23°47	13° 6	12°46	27°33	28° 9	29°22	5°32	15° 7	W10
T 11	3 22 3	19° 0'50	9♓54	9°57	19°59	13°54	10°32	23°43	13° 8	12°44	27°32	28° 7	29°19	5°39	15° 3	T 11
F 12	3 26 0	20° 1'14	23°14	10°13	21°13	14°35	10°27	23°39	13°10	12°43	27°31	28° 3	29°15	5°46	15° 0	F 12
S 13	3 29 56	21° 1'39	6♈20	10°R21	22°27	15°17	10°23	23°35	13°12	12°41	27°30	27°58	29°12	5°52	14°57	S 13
S 14	3 33 53	22° 2'06	19°13	10°20	23°41	15°58	10°19	23°31	13°14	12°39	27°29	27°51	29° 9	5°59	14°54	S 14
M15	3 37 49	23° 2'34	1♉53	10°10	24°54	16°40	10°15	23°27	13°15	12°38	27°27	27°45	29° 6	6° 6	14°51	M15
T 16	3 41 46	24° 3'03	14°21	9°50	26° 8	17°22	10°11	23°23	13°17	12°36	27°26	27°39	29° 3	6°12	14°48	T 16
W17	3 45 42	25° 3'34	26°37	9°19	27°22	18° 3	10° 7	23°20	13°19	12°34	27°25	27°34	28°59	6°19	14°45	W17
T 18	3 49 39	26° 4'07	8♊43	8°38	28°35	18°45	10° 4	23°16	13°21	12°33	27°24	27°31	28°56	6°25	14°42	T 18
F 19	3 53 36	27° 4'41	20°40	7°46	29°49	19°27	10° 1	23°13	13°22	12°31	27°23	27°29	28°53	6°32	14°39	F 19
S 20	3 57 32	28° 5'17	2♋31	6°45	1♑ 2	20° 9	9°58	23° 9	13°24	12°29	27°22	27°D29	28°50	6°39	14°36	S 20
S 21	4 1 29	29° 5'54	14°18	5°36	2°16	20°51	9°55	23° 6	13°26	12°28	27°21	27°30	28°47	6°45	14°33	S 21
M22	4 5 25	0♐ 6'33	26° 5	4°20	3°29	21°33	9°52	23° 2	13°27	12°26	27°20	27°32	28°44	6°52	14°30	M22
T 23	4 9 22	1° 7'14	7♌56	3° 0	4°43	22°15	9°50	22°59	13°29	12°25	27°18	27°34	28°40	6°59	14°27	T 23
W24	4 13 18	2° 7'56	19°56	1°37	5°56	22°57	9°47	22°56	13°30	12°23	27°17	27°35	28°37	7° 5	14°24	W24
T 25	4 17 15	3° 8'40	2♍ 9	0°16	7°10	23°39	9°45	22°53	13°31	12°22	27°16	27°R36	28°34	7°12	14°21	T 25
F 26	4 21 11	4° 9'25	14°41	28♏59	8°23	24°21	9°43	22°50	13°33	12°20	27°15	27°36	28°31	7°19	14°18	F 26
S 27	4 25 8	5°10'12	27°35	27°47	9°37	25° 4	9°42	22°47	13°34	12°18	27°14	27°34	28°28	7°25	14°15	S 27
S 28	4 29 5	6°11'00	10♎55	26°44	10°50	25°46	9°40	22°44	13°35	12°17	27°13	27°32	28°25	7°32	14°12	S 28
M29	4 33 1	7°11'50	24°43	25°51	12° 3	26°28	9°39	22°41	13°36	12°15	27°12	27°29	28°21	7°39	14°10	M29
T 30	4 36 58	8♐12'41	8♏58	25♏ 8	13♑17	27♏11	9♈38	22♈39	13♍37	12♉14	27♉11	27♐26	28♐18	7♋45	14♉ 7	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s30	11s 7	4s52	23s18	2s46	22s33	0s57	13s37	0n15	3n 4	1s35	6n54	2s46	7n28	0n45	14n 0	1s50	6n11	13s49	23s27	23s27	22n57	14n30	2s 6
T 2	14 49	15 54	4 19	23 33	2 47	22 47	1 0	13 51	0 15	3 2	1 35	6 52	2 46	7 27	0 45	14 0	1 50	6 11	13 49	23 27	23 27	22 56	14 29	2 6
W 3	15 8	19 50	3 29	23 45	2 48	23 1	1 2	14 5	0 14	3 0	1 35	6 51	2 46	7 26	0 45	13 59	1 50	6 10	13 49	23 27	23 27	22 55	14 28	2 6
T 4	15 26	22 34	2 25	23 56	2 48	23 14	1 5	14 19	0 13	2 58	1 35	6 49	2 46	7 26	0 45	13 59	1 50	6 10	13 49	23 27	23 27	22 54	14 27	2 6
F 5	15 45	23 46	1 11	24 6	2 48	23 26	1 7	14 32	0 13	2 56	1 35	6 48	2 46	7 25	0 45	13 58	1 50	6 10	13 49	23 26	23 27	22 53	14 26	2 6
S 6	16 3	23 19	0n 8	24 14	2 47	23 38	1 10	14 46	0 12	2 54	1 34	6 46	2 46	7 24	0 45	13 58	1 50	6 10	13 49	23 26	23 27	22 52	14 25	2 6
S 7	16 21	21 17	1 26	24 20	2 45	23 49	1 12	14 59	0 12	2 52	1 34	6 45	2 46	7 23	0 45	13 57	1 50	6 9	13 49	23 26	23 27	22 50	14 24	2 7
M 8	16 38	17 55	2 37	24 24	2 42	23 59	1 15	15 13	0 11	2 50	1 34	6 43	2 46	7 22	0 45	13 57	1 50	6 9	13 49	23 26	23 27	22 49	14 23	2 7
T 9	16 55	13 34	3 38	24 25	2 38	24 9	1 17	15 26	0 11	2 48	1 34	6 42	2 45	7 21	0 45	13 56	1 50	6 9	13 49	23 27	23 27	22 48	14 22	2 7
W10	17 12	8 36	4 25	24 25	2 33	24 18	1 19	15 39	0 10	2 46	1 33	6 41	2 45	7 21	0 45	13 56	1 50	6 9	13 49	23 27	23 27	22 47	14 21	2 7
T 11	17 29	3 18	4 55	24 23	2 27	24 26	1 22	15 52	0 9	2 45	1 33	6 39	2 45	7 20	0 45	13 55	1 50	6 8	13 49	23 26	23 27	22 46	14 20	2 7
F 12	17 45	2n 3	5 10	24 18	2 20	24 33	1 24	16 5	0 9	2 43	1 33	6 38	2 45	7 19	0 45	13 55	1 50	6 8	13 49	23 26	23 27	22 45	14 19	2 7
S 13	18 2	7 13	5 8	24 10	2 11	24 40	1 26	16 18	0 8	2 42	1 33	6 37	2 45	7 18	0 45	13 54	1 50	6 8	13 49	23 26	23 27	22 44	14 18	2 7
S 14	18 17	11 59	4 50	24 0	2 1	24 46	1 28	16 30	0 8	2 40	1 32	6 35	2 45	7 18	0 45	13 54	1 50	6 8	13 49	23 26	23 27	22 42	14 17	2 7
M15	18 33	16 10	4 18	23 47	1 49	24 52	1 30	16 43	0 7	2 39	1 32	6 34	2 44	7 17	0 45	13 53	1 50	6 7	13 49	23 26	23 27	22 41	14 16	2 7
T 16	18 48	19 34	3 34	23 31	1 35	24 56	1 32	16 55	0 7	2 38	1 32	6 33	2 44	7 16	0 46	13 53	1 50	6 7	13 49	23 26	23 27	22 40	14 16	2 7
W17	19 3	22 1	2 41	23 11	1 20	25 0	1 34	17 8	0 6	2 36	1 32	6 32	2 44	7 16	0 46	13 52	1 50	6 7	13 49	23 26	23 27	22 39	14 15	2 7
T 18	19 17	23 26	1 41	22 49	1 4	25 3	1 36	17 20	0 5	2 35	1 31	6 30	2 44	7 15	0 46	13 52	1 50	6 7	13 49	23 26	23 27	22 38	14 14	2 7
F 19	19 31	23 45	0 37	22 23	0 46	25 6	1 38	17 32	0 5	2 34	1 31	6 29	2 44	7 15	0 46	13 51	1 50	6 7	13 49	23 26	23 27	22 36	14 13	2 8
S 20	19 45	22 58	0s28	21 54	0 27	25 7	1 40	17 44	0 4	2 33	1 31	6 28	2 44	7 14	0 46	13 51	1 50	6 6	13 49	23 26	23 27	22 35	14 12	2 8
S 21	19 58	21 10	1 31	21 22	0 7	25 8	1 42	17 55	0 4	2 33	1 30	6 27	2 43	7 13	0 46	13 50	1 50	6 6	13 49	23 26	23 27	22 34	14 11	2 8
M22	20 11	18 28	2 31	20 48	0n13	25 8	1 44	18 7	0 3	2 32	1 30	6 26	2 43	7 13	0 46	13 50	1 50	6 6	13 49	23 26	23 27	22 33	14 10	2 8
T 23	20 24	15 0	3 25	20 13	0 34	25 8	1 45	18 18	0 2	2 31	1 30	6 25	2 43	7 12	0 46	13 49	1 50	6 6	13 49	23 26	23 27	22 32	14 9	2 8
W24	20 36	10 53	4 10	19 37	0 54	25 6	1 47	18 30	0 2	2 30	1 30	6 24	2 43	7 12	0 46	13 49	1 50	6 6	13 49	23 26	23 27	22 30	14 8	2 8
T 25	20 48	6 16	4 45	19 2	1 13	25 4	1 48	18 41	0 1	2 30	1 29	6 23	2 43	7 11	0 46	13 48	1 50	6 5	13 49	23 26	23 27	22 29	14 7	2 8
F 26	20 59	1 18	5 8	18 28	1 31	25 1	1 50	18 52	0 1	2 29	1 29	6 22	2 42	7 11	0 46	13 48	1 50	6 5	13 49	23 26	23 27	22 28	14 6	2 8
S 27	21 11	3s52	5 16	17 56	1 47	24 57	1 51	19 3	0s 0	2 29	1 29	6 21	2 42	7 10	0 46	13 48	1 50	6 5	13 49	23 26	23 27	22 27	14 5	2 8
S 28	21 21	9 2	5 7	17 28	2 1	24 53	1 53	19 13	0 1	2 29	1 28	6 21	2 42	7 10	0 46	13 47	1 50	6 5	13 49	23 26	23 27	22 25	14 4	2 8
M29	21 32	13 56	4 41	17 4	2 13	24 48	1 54	19 24	0 1	2 29	1 28	6 20	2 42	7 10	0 46	13 47	1 50	6 5	13 49	23 26	23 27	22 24	14 4	2 8
T 30	21s41	18s14	3s57	16s45	2n23	24s42	1s55	19s34	0s 2	2n28	1s28	6n19	2s41	7n 9	0n46	13n46	1s50	6n 5	13s48	23s26	23s27	22n23	14n 3	2s 8

Julian Day Number = 2408020.5, Delta T = -3.55 sec
Ecliptic obliquity = 23°27'17, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°04'34, Lahiri = 22°11'35

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ASTRODIENST EPHEMERIS for the year 1880
geocentric

DECEMBER 1880 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 40 54	9♐13'34	23♏36	24°R37	14♑30	27♏53	9°R37	22°R36	13♍38	12°R12	27°R 9	27°R23	28♐15	7♋52	14°R 4	W 1
T 2	4 44 51	10°14'28	8♐31	24♏18	15°43	28°36	9♈37	22♈34	13°39	12♉11	27♉ 8	27♐22	28°12	7°59	14♉ 1	T 2
F 3	4 48 47	11°15'23	23°36	24°D10	16°56	29°18	9°36	22°32	13°40	12°10	27° 7	27°D21	28° 9	8° 5	13°59	F 3
S 4	4 52 44	12°16'19	8♑40	24°12	18°10	0♐ 1	9°D36	22°29	13°41	12° 8	27° 6	27°21	28° 5	8°12	13°56	S 4
S 5	4 56 40	13°17'16	23°35	24°24	19°23	0°43	9°36	22°27	13°42	12° 7	27° 5	27°22	28° 2	8°18	13°53	S 5
M 6	5 0 37	14°18'13	8♒16	24°46	20°36	1°26	9°36	22°25	13°43	12° 5	27° 4	27°23	27°59	8°25	13°51	M 6
T 7	5 4 34	15°19'11	22°35	25°15	21°49	2° 8	9°37	22°23	13°43	12° 4	27° 3	27°24	27°56	8°32	13°48	T 7
W 8	5 8 30	16°20'10	6♓33	25°53	23° 2	2°51	9°38	22°21	13°44	12° 3	27° 2	27°25	27°53	8°38	13°46	W 8
T 9	5 12 27	17°21'10	20° 7	26°36	24°15	3°34	9°38	22°20	13°45	12° 1	27° 1	27°R25	27°50	8°45	13°43	T 9
F 10	5 16 23	18°22'09	3♈20	27°26	25°28	4°17	9°40	22°18	13°45	12° 0	27° 0	27°25	27°46	8°52	13°41	F 10
S 11	5 20 20	19°23'10	16°14	28°20	26°41	5° 0	9°41	22°16	13°46	11°59	26°59	27°24	27°43	8°58	13°38	S 11
S 12	5 24 16	20°24'11	28°51	29°20	27°54	5°43	9°42	22°15	13°46	11°58	26°58	27°23	27°40	9° 5	13°36	S 12
M13	5 28 13	21°25'12	11♉15	0♐23	29° 6	6°25	9°44	22°14	13°46	11°56	26°57	27°22	27°37	9°12	13°34	M13
T 14	5 32 9	22°26'15	23°26	1°29	0♒19	7° 8	9°46	22°13	13°47	11°55	26°56	27°21	27°34	9°18	13°31	T 14
W15	5 36 6	23°27'17	5♊29	2°39	1°32	7°51	9°48	22°11	13°47	11°54	26°55	27°21	27°31	9°25	13°29	W15
T 16	5 40 3	24°28'21	17°25	3°51	2°45	8°35	9°50	22°10	13°47	11°53	26°54	27°21	27°27	9°32	13°27	T 16
F 17	5 43 59	25°29'24	29°16	5° 6	3°57	9°18	9°53	22°10	13°47	11°52	26°53	27°D21	27°24	9°38	13°25	F 17
S 18	5 47 56	26°30'29	11♋ 5	6°22	5°10	10° 1	9°56	22° 9	13°47	11°51	26°52	27°21	27°21	9°45	13°23	S 18
S 19	5 51 52	27°31'34	22°52	7°40	6°22	10°44	9°59	22° 8	13°R47	11°50	26°51	27°R21	27°18	9°52	13°21	S 19
M20	5 55 49	28°32'40	4♌42	9° 0	7°34	11°27	10° 2	22° 8	13°47	11°48	26°50	27°21	27°15	9°58	13°19	M20
T 21	5 59 45	29°33'46	16°36	10°21	8°47	12°11	10° 5	22° 7	13°47	11°47	26°49	27°20	27°11	10° 5	13°17	T 21
W22	6 3 42	0♑34'53	28°38	11°44	9°59	12°54	10° 8	22° 7	13°47	11°46	26°48	27°20	27° 8	10°11	13°15	W22
T 23	6 7 39	1°36'00	10♍52	13° 7	11°11	13°37	10°12	22° 7	13°47	11°45	26°47	27°20	27° 5	10°18	13°13	T 23
F 24	6 11 35	2°37'08	23°21	14°31	12°23	14°21	10°16	22° 7	13°47	11°45	26°46	27°19	27° 2	10°25	13°11	F 24
S 25	6 15 32	3°38'16	6♎ 9	15°57	13°35	15° 4	10°20	22°D 7	13°46	11°44	26°45	27°D19	26°59	10°31	13°10	S 25
S 26	6 19 28	4°39'26	19°20	17°23	14°47	15°48	10°24	22° 7	13°46	11°43	26°45	27°19	26°56	10°38	13° 8	S 26
M27	6 23 25	5°40'35	2♏57	18°49	15°59	16°31	10°29	22° 7	13°45	11°42	26°44	27°20	26°52	10°45	13° 6	M27
T 28	6 27 21	6°41'46	17° 0	20°17	17°11	17°15	10°34	22° 7	13°45	11°41	26°43	27°21	26°49	10°51	13° 5	T 28
W29	6 31 18	7°42'56	1♐30	21°44	18°23	17°59	10°38	22° 8	13°44	11°40	26°42	27°22	26°46	10°58	13° 3	W29
T 30	6 35 14	8°44'07	16°22	23°13	19°34	18°42	10°43	22° 8	13°44	11°40	26°41	27°22	26°43	11° 5	13° 2	T 30
F 31	6 39 11	9♑45'19	1♑30	24♐42	20♒46	19♐26	10♈49	22♈ 9	13♍43	11♉39	26♉40	27°R23	26♐40	11♋11	13♉ 1	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	21 s51	21 s32	2 s56	16 s30	2n31	24 s35	1 s56	19 s44	0 s 2	2n28	1 s28	6n18	2 s41	7n 9	0n46	13n46	1 s50	6n 4	13 s48	23 s26	23 s27	22n22	14n 2	2 s 8	
T 2	22 0	23 26	1 42	16 20	2 36	24 28	1 57	19 54	0 3	2 28	1 27	6 18	2 41	7 9	0 46	13 45	1 50	6 4	13 48	23 26	23 27	22 20	14 1	2 8	
F 3	22 9	23 39	0 21	16 15	2 40	24 20	1 58	20 4	0 4	2 29	1 27	6 17	2 41	7 8	0 46	13 45	1 50	6 4	13 48	23 26	23 26	22 19	14 0	2 8	
S 4	22 17	22 8	1n 2	16 13	2 42	24 11	1 59	20 14	0 4	2 29	1 27	6 16	2 40	7 8	0 46	13 45	1 50	6 4	13 48	23 26	23 26	22 18	13 59	2 8	
S 5	22 25	19 5	2 21	16 16	2 42	24 2	2 0	20 24	0 5	2 29	1 26	6 16	2 40	7 8	0 46	13 44	1 50	6 4	13 48	23 26	23 26	22 17	13 59	2 8	
M 6	22 32	14 52	3 28	16 22	2 41	23 52	2 1	20 33	0 5	2 29	1 26	6 15	2 40	7 7	0 46	13 44	1 50	6 4	13 48	23 26	23 26	22 15	13 58	2 8	
T 7	22 39	9 53	4 21	16 31	2 39	23 41	2 1	20 42	0 6	2 30	1 26	6 15	2 40	7 7	0 46	13 43	1 50	6 4	13 48	23 26	23 26	22 14	13 57	2 8	
W 8	22 45	4 31	4 57	16 43	2 35	23 29	2 2	20 51	0 7	2 30	1 25	6 14	2 39	7 7	0 46	13 43	1 50	6 4	13 48	23 26	23 26	22 13	13 56	2 8	
T 9	22 51	0n55	5 15	16 57	2 31	23 17	2 2	21 0	0 7	2 31	1 25	6 14	2 39	7 7	0 47	13 43	1 50	6 4	13 48	23 26	23 26	22 11	13 56	2 8	
F 10	22 57	6 9	5 16	17 13	2 26	23 4	2 3	21 9	0 8	2 32	1 25	6 14	2 39	7 7	0 47	13 42	1 50	6 3	13 47	23 26	23 26	22 10	13 55	2 8	
S 11	23 2	11 1	5 1	17 31	2 21	22 50	2 3	21 17	0 9	2 33	1 24	6 13	2 39	7 6	0 47	13 42	1 50	6 3	13 47	23 26	23 26	22 9	13 54	2 8	
S 12	23 6	15 18	4 31	17 50	2 15	22 36	2 3	21 25	0 9	2 33	1 24	6 13	2 38	7 6	0 47	13 42	1 50	6 3	13 47	23 26	23 26	22 7	13 53	2 8	
M13	23 11	18 51	3 49	18 9	2 8	22 21	2 3	21 33	0 10	2 34	1 24	6 13	2 38	7 6	0 47	13 41	1 50	6 3	13 47	23 26	23 26	22 6	13 53	2 8	
T 14	23 14	21 31	2 58	18 29	2 1	22 6	2 3	21 41	0 10	2 35	1 24	6 13	2 38	7 6	0 47	13 41	1 50	6 3	13 47	23 26	23 26	22 5	13 52	2 8	
W15	23 18	23 11	1 59	18 50	1 54	21 50	2 3	21 49	0 11	2 37	1 23	6 12	2 38	7 6	0 47	13 41	1 49	6 3	13 47	23 26	23 26	22 3	13 51	2 8	
T 16	23 20	23 46	0 55	19 11	1 47	21 33	2 3	21 56	0 12	2 38	1 23	6 12	2 37	7 6	0 47	13 40	1 49	6 3	13 46	23 26	23 26	22 2	13 51	2 8	
F 17	23 23	23 16	0 s11	19 32	1 39	21 16	2 3	22 4	0 12	2 39	1 23	6 12	2 37	7 6	0 47	13 40	1 49	6 3	13 46	23 26	23 26	22 1	13 50	2 8	
S 18	23 24	21 44	1 16	19 53	1 31	20 58	2 2	22 11	0 13	2 40	1 22	6 12	2 37	7 6	0 47	13 40	1 49	6 3	13 46	23 26	23 26	21 59	13 49	2 8	
S 19	23 26	19 15	2 17	20 14	1 24	20 39	2 2	22 18	0 14	2 42	1 22	6 12	2 36	7 6	0 47	13 39	1 49	6 3	13 46	23 26	23 26	21 58	13 49	2 8	
M20	23 27	15 58	3 13	20 34	1 16	20 20	2 1	22 24	0 14	2 43	1 22	6 12	2 36	7 6	0 47	13 39	1 49	6 3	13 46	23 26	23 26	21 57	13 48	2 8	
T 21	23 27	12 2	4 1	20 54	1 8	20 1	2 1	22 31	0 15	2 45	1 21	6 12	2 36	7 6	0 47	13 39	1 49	6 3	13 46	23 26	23 25	21 55	13 48	2 8	
W22	23 27	7 35	4 39	21 13	1 0	19 41	2 0	22 37	0 16	2 46	1 21	6 13	2 36	7 6	0 47	13 39	1 49	6 3	13 45	23 26	23 25	21 54	13 47	2 8	
T 23	23 27	2 47	5 5	21 32	0 52	19 20	1 59	22 43	0 16	2 48	1 21	6 13	2 35	7 7	0 47	13 38	1 49	6 3	13 45	23 26	23 25	21 53	13 47	2 8	
F 24	23 26	2 s13	5 17	21 50	0 44	18 59	1 58	22 49	0 17	2 50	1 21	6 13	2 35	7 7	0 47	13 38	1 49	6 3	13 45	23 26	23 25	21 51	13 46	2 8	
S 25	23 24	7 15	5 14	22 7	0 36	18 37	1 57	22 54	0 17	2 52	1 20	6 13	2 35	7 7	0 47	13 38	1 49	6 3	13 45	23 26	23 25	21 50	13 46	2 8	
S 26	23 22	12 7	4 55	22 23	0 28	18 15	1 56	23 0	0 18	2 54	1 20	6 14	2 34	7 7	0 47	13 38	1 49	6 3	13 45	23 26	23 25	21 49	13 45	2 8	
M27	23 20	16 33	4 19	22 39	0 21	17 52	1 54	23 5	0 19	2 56	1 20	6 14	2 34	7 7	0 47	13 38	1 49	6 3	13 44	23 26	23 25	21 47	13 45	2 8	
T 28	23 17	20 13	3 26	22 53	0 13	17 29	1 53	23 10	0 19	2 58	1 19	6 14	2 34	7 7	0 47	13 37	1 49	6 3	13 44	23 26	23 25	21 46	13 44	2 8	
W29	23 14	22 44	2 19	23 6	0 5	17 6	1 52	23 14	0 20	3 0	1 19	6 15	2 34	7 8	0 47	13 37	1 49	6 3	13 44	23 26	23 25	21 44	13 44	2 8	
T 30	23 10	23 46	1 1	23 19	0 s 2	16 42	1 50	23 19	0 21	3 2	1 19	6 15	2 33	7 8	0 47	13 37	1 49	6 3	13 44	23 26	23 25	21 43	13 43	2 8	
F 31	23 s 6	23 s 4	0n23	23 s30	0 s 9	16 s17	1 s48	23 s23	0 s21	3n 5	1 s18	6n16	2 s33	7n 8	0n47	13n37	1 s49	6n 3	13 s43	23 s26	23 s25	21n42	13n43	2 s 8	

Julian Day Number = 2408050.5, Delta T = -3.57 sec
Ecliptic obliquity = 23°27'17, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°04'38, Lahiri = 22°11'39

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ASTRODIENST EPHEMERIS for the year 1881
geocentric

JANUARY 1881 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 43 8	10♑46'30	16♑44	26♐11	21♒57	20♐10	10♈54	22♈10	13°R42	11°R38	26°R40	27°R22	26♐37	11♋18	12°R59	S 1
S 2	6 47 4	11°47'41	1♒56	27°41	23° 9	20°54	11° 0	22°11	13♍42	11♉37	26♉39	27♐21	26°33	11°25	12♉58	S 2
M 3	6 51 1	12°48'52	16°55	29°12	24°20	21°37	11° 5	22°12	13°41	11°37	26°38	27°19	26°30	11°31	12°57	M 3
T 4	6 54 57	13°50'03	1♓34	0♑42	25°31	22°21	11°11	22°13	13°40	11°36	26°37	27°17	26°27	11°38	12°56	T 4
W 5	6 58 54	14°51'14	15°46	2°14	26°43	23° 5	11°17	22°14	13°39	11°36	26°37	27°15	26°24	11°45	12°55	W 5
T 6	7 2 50	15°52'23	29°31	3°45	27°54	23°49	11°24	22°15	13°38	11°35	26°36	27°13	26°21	11°51	12°54	T 6
F 7	7 6 47	16°53'33	12♈49	5°17	29° 4	24°33	11°30	22°17	13°37	11°35	26°35	27°D12	26°17	11°58	12°53	F 7
S 8	7 10 43	17°54'42	25°42	6°50	0♓15	25°17	11°37	22°18	13°36	11°34	26°35	27°12	26°14	12° 5	12°52	S 8
S 9	7 14 40	18°55'50	8♉14	8°23	1°26	26° 1	11°43	22°20	13°35	11°34	26°34	27°13	26°11	12°11	12°51	S 9
M10	7 18 37	19°56'58	20°29	9°56	2°36	26°46	11°50	22°22	13°34	11°33	26°33	27°15	26° 8	12°18	12°50	M10
T 11	7 22 33	20°58'06	2♊31	11°30	3°47	27°30	11°58	22°24	13°32	11°33	26°33	27°17	26° 5	12°24	12°50	T 11
W12	7 26 30	21°59'12	14°25	13° 4	4°57	28°14	12° 5	22°26	13°31	11°33	26°32	27°18	26° 2	12°31	12°49	W12
T 13	7 30 26	23° 0'19	26°14	14°39	6° 7	28°58	12°12	22°28	13°30	11°32	26°32	27°R19	25°58	12°38	12°48	T 13
F 14	7 34 23	24° 1'24	8♋ 1	16°14	7°17	29°42	12°20	22°30	13°28	11°32	26°31	27°18	25°55	12°44	12°48	F 14
S 15	7 38 19	25° 2'30	19°50	17°50	8°27	0♑27	12°28	22°32	13°27	11°32	26°31	27°16	25°52	12°51	12°47	S 15
S 16	7 42 16	26° 3'34	1♌41	19°26	9°37	1°11	12°35	22°35	13°26	11°32	26°30	27°13	25°49	12°58	12°47	S 16
M17	7 46 12	27° 4'38	13°37	21° 3	10°46	1°56	12°43	22°37	13°24	11°31	26°30	27° 8	25°46	13° 4	12°47	M17
T 18	7 50 9	28° 5'41	25°40	22°40	11°56	2°40	12°52	22°40	13°22	11°31	26°29	27° 2	25°43	13°11	12°46	T 18
W19	7 54 6	29° 6'44	7♍50	24°18	13° 5	3°25	13° 0	22°42	13°21	11°31	26°29	26°57	25°39	13°18	12°46	W19
T 20	7 58 2	0♒ 7'47	20°12	25°57	14°14	4° 9	13° 8	22°45	13°19	11°31	26°28	26°51	25°36	13°24	12°46	T 20
F 21	8 1 59	1° 8'49	2♎45	27°36	15°23	4°54	13°17	22°48	13°18	11°D31	26°28	26°46	25°33	13°31	12°D46	F 21
S 22	8 5 55	2° 9'50	15°34	29°16	16°32	5°38	13°26	22°51	13°16	11°31	26°27	26°43	25°30	13°38	12°46	S 22
S 23	8 9 52	3°10'51	28°40	0♒56	17°40	6°23	13°35	22°54	13°14	11°31	26°27	26°D42	25°27	13°44	12°46	S 23
M24	8 13 48	4°11'51	12♏ 7	2°37	18°49	7° 8	13°44	22°57	13°12	11°31	26°27	26°42	25°23	13°51	12°46	M24
T 25	8 17 45	5°12'51	25°56	4°18	19°57	7°52	13°53	23° 1	13°10	11°31	26°26	26°43	25°20	13°58	12°47	T 25
W26	8 21 41	6°13'51	10♐ 8	6° 1	21° 5	8°37	14° 2	23° 4	13° 8	11°31	26°26	26°45	25°17	14° 4	12°47	W26
T 27	8 25 38	7°14'49	24°42	7°43	22°13	9°22	14°12	23° 8	13° 6	11°32	26°26	26°R46	25°14	14°11	12°47	T 27
F 28	8 29 35	8°15'48	9♑35	9°27	23°21	10° 7	14°21	23°11	13° 5	11°32	26°25	26°45	25°11	14°18	12°48	F 28
S 29	8 33 31	9°16'45	24°40	11°11	24°28	10°52	14°31	23°15	13° 3	11°32	26°25	26°42	25° 8	14°24	12°48	S 29
S 30	8 37 28	10°17'41	9♒49	12°56	25°35	11°37	14°41	23°19	13° 0	11°32	26°25	26°38	25° 4	14°31	12°49	S 30
M31	8 41 24	11♒18'36	24♒52	14♒41	26♓42	12♑22	14♈51	23♈23	12♍58	11♉33	26♉25	26♐31	25♐ 1	14♋38	12♉49	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23s 1	20s40	1n45	23s40	0s16	15s53	1s47	23s27	0s22	3n 7	1s18	6n16	2s33	7n 9	0n48	13n37	1s49	6n 3	13s43	23s26	23s25	21n40	13n43	2s 8	S 1
S 2	22 56	16 49	3 0	23 50	0 23	15 27	1 45	23 31	0 23	3 9	1 18	6 17	2 32	7 9	0 48	13 36	1 49	6 3	13 43	23 26	23 25	21 39	13 42	2 8	S 2
M 3	22 50	11 56	4 1	23 57	0 30	15 2	1 43	23 35	0 23	3 12	1 18	6 18	2 32	7 9	0 48	13 36	1 49	6 3	13 43	23 26	23 24	21 37	13 42	2 8	M 3
T 4	22 44	6 29	4 45	24 4	0 37	14 36	1 41	23 38	0 24	3 15	1 17	6 18	2 32	7 10	0 48	13 36	1 48	6 3	13 43	23 26	23 24	21 36	13 42	2 8	T 4
W 5	22 38	0 51	5 10	24 10	0 44	14 10	1 38	23 41	0 24	3 17	1 17	6 19	2 32	7 10	0 48	13 36	1 48	6 3	13 42	23 26	23 24	21 35	13 41	2 8	W 5
T 6	22 31	4n39	5 16	24 14	0 50	13 43	1 36	23 44	0 25	3 20	1 17	6 20	2 31	7 10	0 48	13 36	1 48	6 4	13 42	23 26	23 24	21 33	13 41	2 8	T 6
F 7	22 23	9 44	5 5	24 17	0 56	13 16	1 34	23 46	0 26	3 23	1 17	6 20	2 31	7 11	0 48	13 36	1 48	6 4	13 42	23 25	23 24	21 32	13 41	2 8	F 7
S 8	22 15	14 15	4 38	24 19	1 2	12 49	1 31	23 49	0 26	3 26	1 16	6 21	2 31	7 11	0 48	13 36	1 48	6 4	13 42	23 25	23 24	21 30	13 41	2 8	S 8
S 9	22 7	18 2	3 59	24 19	1 8	12 21	1 29	23 51	0 27	3 28	1 16	6 22	2 30	7 12	0 48	13 36	1 48	6 4	13 41	23 26	23 24	21 29	13 40	2 8	S 9
M10	21 58	20 55	3 10	24 18	1 13	11 53	1 26	23 53	0 28	3 31	1 16	6 23	2 30	7 12	0 48	13 36	1 48	6 4	13 41	23 26	23 24	21 27	13 40	2 8	M10
T 11	21 49	22 51	2 13	24 16	1 19	11 25	1 23	23 54	0 28	3 34	1 15	6 24	2 30	7 13	0 48	13 36	1 48	6 4	13 41	23 26	23 24	21 26	13 40	2 8	T 11
W12	21 40	23 43	1 11	24 12	1 24	10 57	1 20	23 56	0 29	3 37	1 15	6 25	2 30	7 13	0 48	13 36	1 48	6 4	13 40	23 26	23 24	21 24	13 40	2 8	W12
T 13	21 29	23 30	0 6	24 7	1 28	10 28	1 17	23 57	0 30	3 41	1 15	6 26	2 29	7 14	0 48	13 36	1 48	6 4	13 40	23 26	23 24	21 23	13 40	2 8	T 13
F 14	21 19	22 14	0s59	24 0	1 33	9 59	1 14	23 58	0 30	3 44	1 15	6 27	2 29	7 14	0 48	13 36	1 48	6 5	13 40	23 26	23 23	21 21	13 40	2 8	F 14
S 15	21 8	20 0	2 1	23 52	1 37	9 30	1 11	23 58	0 31	3 47	1 14	6 28	2 29	7 15	0 48	13 35	1 48	6 5	13 40	23 26	23 23	21 20	13 40	2 8	S 15
S 16	20 57	16 55	2 58	23 43	1 41	9 1	1 8	23 59	0 32	3 50	1 14	6 29	2 28	7 16	0 48	13 35	1 48	6 5	13 39	23 26	23 23	21 19	13 39	2 8	S 16
M17	20 45	13 7	3 47	23 32	1 45	8 31	1 4	23 59	0 32	3 54	1 14	6 31	2 28	7 16	0 48	13 35	1 48	6 5	13 39	23 25	23 23	21 17	13 39	2 8	M17
T 18	20 33	8 47	4 27	23 20	1 49	8 2	1 1	23 59	0 33	3 57	1 14	6 32	2 28	7 17	0 48	13 36	1 48	6 5	13 39	23 25	23 23	21 16	13 39	2 8	T 18
W19	20 21	4 4	4 55	23 6	1 52	7 32	0 57	23 58	0 34	4 1	1 13	6 33	2 28	7 17	0 48	13 36	1 48	6 5	13 39	23 25	23 23	21 14	13 39	2 7	W19
T 20	20 8	0s52	5 10	22 51	1 55	7 2	0 53	23 57	0 34	4 4	1 13	6 34	2 27	7 18	0 48	13 36	1 47	6 6	13 38	23 25	23 23	21 13	13 39	2 7	T 20
F 21	19 55	5 50	5 10	22 34	1 57	6 31	0 49	23 57	0 35	4 8	1 13	6 36	2 27	7 19	0 48	13 36	1 47	6 6	13 38	23 25	23 23	21 11	13 39	2 7	F 21
S 22	19 41	10 40	4 55	22 16	1 59	6 1	0 46	23 55	0 35	4 11	1 13	6 37	2 27	7 20	0 48	13 36	1 47	6 6	13 38	23 25	23 23	21 10	13 39	2 7	S 22
S 23	19 28	15 8	4 25	21 56	2 1	5 31	0 42	23 54	0 36	4 15	1 12	6 38	2 27	7 20	0 48	13 36	1 47	6 6	13 37	23 25	23 23	21 8	13 39	2 7	S 23
M24	19 13	18 57	3 39	21 35	2 3	5 0	0 37	23 52	0 37	4 19	1 12	6 40	2 26	7 21	0 48	13 36	1 47	6 6	13 37	23 25	23 22	21 7	13 40	2 7	M24
T 25	18 59	21 50	2 40	21 12	2 4	4 30	0 33	23 51	0 37	4 22	1 12	6 41	2 26	7 22	0 48	13 36	1 47	6 7	13 37	23 25	23 22	21 5	13 40	2 7	T 25
W26	18 44	23 27	1 29	20 48	2 5	3 59	0 29	23 48	0 38	4 26	1 12	6 43	2 26	7 22	0 48	13 36	1 47	6 7	13 36	23 25	23 22	21 4	13 40	2 7	W26
T 27	18 28	23 32	0 11	20 22	2 5	3 28	0 25	23 46	0 39	4 30	1 11	6 44	2 26	7 23	0 48	13 36	1 47	6 7	13 36	23 25	23 22	21 2	13 40	2 7	T 27
F 28	18 13	21 57	1n 9	19 54	2 5	2 57	0 20	23 43	0 39	4 34	1 11	6 46	2 25	7 24	0 48	13 36	1 47	6 7	13 36	23 25	23 22	21 0	13 40	2 7	F 28
S 29	17 57	18 49	2 26	19 25	2 4	2 26	0 16	23 40	0 40	4 38	1 11	6 48	2 25	7 25	0 49	13 36	1 47	6 8	13 36	23 25	23 22	20 59	13 40	2 7	S 29
S 30	17 40	14 24	3 32	18 55	2 3	1 55	0 11	23 37	0 41	4 42	1 11	6 49	2 25	7 26	0 49	13 37	1 47	6 8	13 35	23 25	23 22	20 57	13 40	2 7	S 30
M31	17s24	9s 6	4n23	18s23	2s 2	1s24	0s 6	23s34	0s41	4n46	1s11	6n51	2s24	7n26	0n49	13n37	1s47	6n 8	13s35	23s25	23s22	20n56	13n41	2s 7	M31

Julian Day Number = 2408081.5, Delta T = -3.60 sec
Ecliptic obliquity = 23°27'16, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°04'43, Lahiri = 22°11'43

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ASTRODIENST EPHEMERIS for the year 1881
geocentric

FEBRUARY 1881 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 45 21	12♒19'30	9♓39	16♒27	27♓49	13♉ 7	15♈ 1	23♈27	12°R56	11♉33	26°R25	26°R24	24♐58	14♋44	12♉50	T 1
W 2	8 49 17	13°20'23	24° 3	18°14	28°56	13°52	15°11	23°31	12♏54	11°33	26♉24	26♐16	24°55	14°51	12°51	W 2
T 3	8 53 14	14°21'14	7♈58	20° 1	0♈ 2	14°37	15°21	23°35	12°52	11°34	26°24	26°10	24°52	14°58	12°51	T 3
F 4	8 57 10	15°22'04	21°25	21°48	1° 8	15°22	15°32	23°39	12°50	11°34	26°24	26° 5	24°48	15° 4	12°52	F 4
S 5	9 1 7	16°22'52	4♉24	23°36	2°14	16° 7	15°42	23°43	12°47	11°35	26°24	26° 2	24°45	15°11	12°53	S 5
S 6	9 5 4	17°23'39	16°58	25°24	3°20	16°52	15°53	23°48	12°45	11°35	26°24	26°D 1	24°42	15°17	12°54	S 6
M 7	9 9 0	18°24'25	29°13	27°12	4°25	17°37	16° 3	23°52	12°43	11°36	26°24	26° 2	24°39	15°24	12°55	M 7
T 8	9 12 57	19°25'09	11♊13	29° 1	5°30	18°22	16°14	23°57	12°41	11°37	26°24	26° 3	24°36	15°31	12°56	T 8
W 9	9 16 53	20°25'51	23° 4	0♓49	6°35	19° 8	16°25	24° 2	12°38	11°37	26°D24	26°R 4	24°33	15°37	12°57	W 9
T 10	9 20 50	21°26'32	4♋50	2°37	7°39	19°53	16°36	24° 6	12°36	11°38	26°24	26° 3	24°29	15°44	12°59	T 10
F 11	9 24 46	22°27'11	16°37	4°24	8°43	20°38	16°48	24°11	12°33	11°38	26°24	26° 1	24°26	15°51	13° 0	F 11
S 12	9 28 43	23°27'49	28°28	6°10	9°47	21°23	16°59	24°16	12°31	11°39	26°24	25°56	24°23	15°57	13° 1	S 12
S 13	9 32 39	24°28'25	10♌25	7°55	10°50	22° 9	17°10	24°21	12°29	11°40	26°24	25°48	24°20	16° 4	13° 3	S 13
M14	9 36 36	25°28'59	22°30	9°39	11°53	22°54	17°22	24°26	12°26	11°41	26°24	25°39	24°17	16°11	13° 4	M14
T 15	9 40 33	26°29'32	4♍45	11°20	12°56	23°40	17°33	24°31	12°24	11°42	26°24	25°27	24°14	16°17	13° 6	T 15
W16	9 44 29	27°30'03	17°11	13° 0	13°59	24°25	17°45	24°36	12°21	11°42	26°25	25°15	24°10	16°24	13° 7	W16
T 17	9 48 26	28°30'33	29°48	14°36	15° 1	25°10	17°57	24°42	12°19	11°43	26°25	25° 4	24° 7	16°31	13° 9	T 17
F 18	9 52 22	29°31'02	12♎36	16° 8	16° 2	25°56	18° 8	24°47	12°16	11°44	26°25	24°54	24° 4	16°37	13°11	F 18
S 19	9 56 19	0♓31'29	25°35	17°37	17° 3	26°42	18°20	24°53	12°14	11°45	26°25	24°46	24° 1	16°44	13°12	S 19
S 20	10 0 15	1°31'55	8♏48	19° 1	18° 4	27°27	18°32	24°58	12°11	11°46	26°25	24°42	23°58	16°51	13°14	S 20
M21	10 4 12	2°32'20	22°15	20°19	19° 5	28°13	18°44	25° 4	12° 8	11°47	26°26	24°39	23°54	16°57	13°16	M21
T 22	10 8 8	3°32'43	5♐57	21°32	20° 5	28°58	18°57	25° 9	12° 6	11°48	26°26	24°D39	23°51	17° 4	13°18	T 22
W23	10 12 5	4°33'05	19°55	22°38	21° 4	29°44	19° 9	25°15	12° 3	11°49	26°26	24°R39	23°48	17°11	13°20	W23
T 24	10 16 2	5°33'25	4♑10	23°36	22° 3	0♒30	19°21	25°21	12° 1	11°51	26°27	24°39	23°45	17°17	13°22	T 24
F 25	10 19 58	6°33'44	18°41	24°27	23° 2	1°15	19°34	25°27	11°58	11°52	26°27	24°37	23°42	17°24	13°24	F 25
S 26	10 23 55	7°34'02	3♒24	25° 9	24° 0	2° 1	19°46	25°33	11°55	11°53	26°27	24°32	23°39	17°31	13°26	S 26
S 27	10 27 51	8°34'18	18°13	25°43	24°58	2°47	19°59	25°39	11°53	11°54	26°28	24°25	23°35	17°37	13°29	S 27
M28	10 31 48	9♓34'32	3♓ 0	26♓ 7	25♈55	3♒33	20♈11	25♈45	11♏50	11♉55	26♉28	24♐15	23♐32	17♋44	13♉31	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17s 7	3s23	4n56	17s49	2s 0	0s53	0s 1	23s30	0s42	4n50	1s10	6n53	2s24	7n27	0n49	13n37	1s47	6n 8	13s35	23s24	23s22	20n54	13n41	2s 7	T 1
W 2	16 50	2n21	5 8	17 14	1 57	0 22	0n 4	23 26	0 42	4 54	1 10	6 54	2 24	7 28	0 49	13 37	1 47	6 9	13 34	23 24	23 21	20 53	13 41	2 7	W 2
T 3	16 32	7 47	5 2	16 37	1 54	0n 9	0 8	23 22	0 43	4 58	1 10	6 56	2 24	7 29	0 49	13 37	1 47	6 9	13 34	23 24	23 21	20 51	13 42	2 7	T 3
F 4	16 14	12 40	4 39	15 59	1 50	0 40	0 14	23 18	0 44	5 3	1 10	6 58	2 23	7 30	0 49	13 37	1 47	6 9	13 34	23 24	23 21	20 50	13 42	2 7	F 4
S 5	15 56	16 48	4 2	15 20	1 46	1 10	0 19	23 13	0 44	5 7	1 9	7 0	2 23	7 31	0 49	13 38	1 46	6 9	13 33	23 24	23 21	20 48	13 42	2 7	S 5
S 6	15 38	20 2	3 15	14 39	1 41	1 41	0 24	23 8	0 45	5 11	1 9	7 2	2 23	7 32	0 49	13 38	1 46	6 10	13 33	23 24	23 21	20 47	13 42	2 7	S 6
M 7	15 19	22 16	2 20	13 57	1 36	2 12	0 29	23 3	0 46	5 16	1 9	7 3	2 23	7 33	0 49	13 38	1 46	6 10	13 33	23 24	23 21	20 45	13 43	2 7	M 7
T 8	15 0	23 27	1 19	13 14	1 30	2 43	0 35	22 57	0 46	5 20	1 9	7 5	2 23	7 33	0 49	13 38	1 46	6 10	13 32	23 24	23 21	20 43	13 43	2 7	T 8
W 9	14 41	23 32	0 16	12 29	1 23	3 13	0 40	22 52	0 47	5 24	1 9	7 7	2 22	7 34	0 49	13 39	1 46	6 11	13 32	23 24	23 21	20 42	13 44	2 7	W 9
T 10	14 22	22 35	0s47	11 43	1 16	3 44	0 46	22 46	0 48	5 29	1 8	7 9	2 22	7 35	0 49	13 39	1 46	6 11	13 32	23 24	23 20	20 40	13 44	2 7	T 10
F 11	14 2	20 38	1 48	10 57	1 7	4 14	0 51	22 40	0 48	5 33	1 8	7 11	2 22	7 36	0 49	13 39	1 46	6 11	13 32	23 24	23 20	20 39	13 44	2 6	F 11
S 12	13 42	17 48	2 45	10 10	0 59	4 45	0 57	22 33	0 49	5 38	1 8	7 13	2 22	7 37	0 49	13 39	1 46	6 12	13 31	23 24	23 20	20 37	13 45	2 6	S 12
S 13	13 22	14 12	3 34	9 22	0 49	5 15	1 2	22 27	0 49	5 42	1 8	7 15	2 21	7 38	0 49	13 40	1 46	6 12	13 31	23 23	23 20	20 35	13 45	2 6	S 13
M14	13 2	10 0	4 15	8 33	0 39	5 45	1 8	22 20	0 50	5 47	1 8	7 17	2 21	7 39	0 49	13 40	1 46	6 12	13 31	23 23	23 20	20 34	13 46	2 6	M14
T 15	12 42	5 22	4 44	7 45	0 28	6 15	1 14	22 13	0 51	5 51	1 7	7 19	2 21	7 40	0 49	13 40	1 46	6 13	13 30	23 23	23 20	20 32	13 46	2 6	T 15
W16	12 21	0 27	5 0	6 56	0 16	6 45	1 20	22 5	0 51	5 56	1 7	7 21	2 21	7 41	0 49	13 41	1 46	6 13	13 30	23 22	23 20	20 31	13 47	2 6	W16
T 17	12 0	4s32	5 2	6 8	0 4	7 14	1 26	21 58	0 52	6 1	1 7	7 24	2 20	7 42	0 49	13 41	1 46	6 13	13 30	23 22	23 19	20 29	13 47	2 6	T 17
F 18	11 39	9 25	4 49	5 20	0n 9	7 44	1 32	21 50	0 53	6 5	1 7	7 26	2 20	7 43	0 49	13 41	1 46	6 14	13 29	23 21	23 19	20 27	13 48	2 6	F 18
S 19	11 18	13 57	4 21	4 33	0 22	8 13	1 38	21 42	0 53	6 10	1 7	7 28	2 20	7 44	0 49	13 42	1 46	6 14	13 29	23 21	23 19	20 26	13 48	2 6	S 19
S 20	10 56	17 53	3 39	3 48	0 36	8 42	1 44	21 34	0 54	6 15	1 7	7 30	2 20	7 45	0 49	13 42	1 46	6 14	13 29	23 21	23 19	20 24	13 49	2 6	S 20
M21	10 35	20 58	2 43	3 4	0 50	9 11	1 50	21 25	0 54	6 19	1 6	7 32	2 20	7 46	0 49	13 42	1 46	6 15	13 28	23 21	23 19	20 23	13 50	2 6	M21
T 22	10 13	22 55	1 38	2 22	1 5	9 39	1 57	21 16	0 55	6 24	1 6	7 35	2 19	7 47	0 49	13 43	1 45	6 15	13 28	23 21	23 19	20 21	13 50	2 6	T 22
W23	9 51	23 29	0 25	1 42	1 20	10 7	2 3	21 7	0 56	6 29	1 6	7 37	2 19	7 48	0 49	13 43	1 45	6 15	13 28	23 21	23 19	20 19	13 51	2 6	W23
T 24	9 29	22 33	0n50	1 6	1 35	10 35	2 9	20 58	0 56	6 34	1 6	7 39	2 19	7 49	0 49	13 44	1 45	6 16	13 27	23 21	23 18	20 18	13 52	2 6	T 24
F 25	9 7	20 6	2 4	0 32	1 49	11 3	2 15	20 49	0 57	6 39	1 6	7 41	2 19	7 50	0 49	13 44	1 45	6 16	13 27	23 21	23 18	20 16	13 52	2 6	F 25
S 26	8 44	16 19	3 10	0 2	2 4	11 31	2 22	20 39	0 57	6 43	1 6	7 44	2 19	7 51	0 49	13 44	1 45	6 16	13 27	23 21	23 18	20 14	13 53	2 6	S 26
S 27	8 22	11 31	4 4	0n25	2 18	11 58	2 28	20 29	0 58	6 48	1 5	7 46	2 19	7 52	0 49	13 45	1 45	6 17	13 27	23 20	23 18	20 13	13 54	2 6	S 27
M28	7s59	6s 2	4n41	0n47	2n32	12n25	2n35	20s19	0s58	6n53	1s 5	7n48	2s18	7n53	0n49	13n45	1s45	6n17	13s26	23s20	23s18	20n11	13n54	2s 6	M28

Julian Day Number = 2408112.5, Delta T = -3.63 sec
Ecliptic obliquity = 23°27'16, Nutation = 0°00'19, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°04'47, Lahiri = 22°11'47

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ASTRODIENST EPHEMERIS for the year 1881
geocentric

MARCH 1881 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 35 44	10♓34'45	17♓37	26♓22	26♈51	4♒18	20♈24	25♈51	11°R48	11♉57	26♉28	24°R 3	23♐29	17♋51	13♉33	T 1
W 2	10 39 41	11°34'55	1♈57	26°R27	27°47	5° 4	20°37	25°57	11♍45	11°58	26°29	23♐51	23°26	17°57	13°36	W 2
T 3	10 43 37	12°35'04	15°53	26°24	28°43	5°50	20°49	26° 3	11°42	11°59	26°29	23°41	23°23	18° 4	13°38	T 3
F 4	10 47 34	13°35'10	29°22	26°11	29°38	6°36	21° 2	26° 9	11°40	12° 0	26°30	23°32	23°20	18°11	13°40	F 4
S 5	10 51 31	14°35'15	12♉25	25°49	0♉32	7°22	21°15	26°16	11°37	12° 2	26°30	23°26	23°16	18°17	13°43	S 5
S 6	10 55 27	15°35'18	25° 4	25°19	1°25	8° 8	21°28	26°22	11°34	12° 3	26°31	23°22	23°13	18°24	13°46	S 6
M 7	10 59 24	16°35'18	7♊22	24°42	2°18	8°54	21°42	26°28	11°32	12° 5	26°31	23°21	23°10	18°31	13°48	M 7
T 8	11 3 20	17°35'16	19°24	23°58	3°10	9°39	21°55	26°35	11°29	12° 6	26°32	23°20	23° 7	18°37	13°51	T 8
W 9	11 7 17	18°35'12	1♋16	23° 9	4° 2	10°25	22° 8	26°41	11°27	12° 8	26°33	23°20	23° 4	18°44	13°54	W 9
T 10	11 11 13	19°35'06	13° 3	22°16	4°52	11°11	22°21	26°48	11°24	12° 9	26°33	23°19	23° 0	18°50	13°56	T 10
F 11	11 15 10	20°34'58	24°52	21°20	5°42	11°57	22°34	26°55	11°21	12°11	26°34	23°16	22°57	18°57	13°59	F 11
S 12	11 19 6	21°34'47	6♌46	20°22	6°31	12°43	22°48	27° 1	11°19	12°12	26°34	23°10	22°54	19° 4	14° 2	S 12
S 13	11 23 3	22°34'35	18°49	19°24	7°19	13°29	23° 1	27° 8	11°16	12°14	26°35	23° 2	22°51	19°10	14° 5	S 13
M14	11 27 0	23°34'20	1♍ 3	18°27	8° 7	14°15	23°15	27°15	11°14	12°15	26°36	22°50	22°48	19°17	14° 8	M14
T 15	11 30 56	24°34'03	13°32	17°32	8°53	15° 1	23°28	27°22	11°11	12°17	26°36	22°37	22°45	19°24	14°11	T 15
W16	11 34 53	25°33'44	26°15	16°40	9°39	15°47	23°42	27°29	11° 9	12°19	26°37	22°24	22°41	19°30	14°14	W16
T 17	11 38 49	26°33'23	9♎11	15°53	10°23	16°34	23°55	27°35	11° 6	12°20	26°38	22°10	22°38	19°37	14°17	T 17
F 18	11 42 46	27°33'00	22°20	15°10	11° 6	17°20	24° 9	27°42	11° 4	12°22	26°39	21°59	22°35	19°44	14°20	F 18
S 19	11 46 42	28°32'35	5♏41	14°32	11°49	18° 6	24°23	27°49	11° 1	12°24	26°39	21°50	22°32	19°50	14°23	S 19
S 20	11 50 39	29°32'08	19°11	14° 0	12°30	18°52	24°37	27°56	10°59	12°26	26°40	21°44	22°29	19°57	14°26	S 20
M21	11 54 35	0♈31'40	2♐51	13°34	13°10	19°38	24°50	28° 3	10°56	12°27	26°41	21°41	22°25	20° 4	14°30	M21
T 22	11 58 32	1°31'10	16°39	13°14	13°49	20°24	25° 4	28°11	10°54	12°29	26°42	21°D40	22°22	20°10	14°33	T 22
W23	12 2 29	2°30'38	0♑37	13° 0	14°27	21°10	25°18	28°18	10°51	12°31	26°43	21°R40	22°19	20°17	14°36	W23
T 24	12 6 25	3°30'05	14°42	12°52	15° 3	21°56	25°32	28°25	10°49	12°33	26°44	21°39	22°16	20°24	14°40	T 24
F 25	12 10 22	4°29'30	28°56	12°D49	15°39	22°43	25°46	28°32	10°47	12°35	26°44	21°38	22°13	20°30	14°43	F 25
S 26	12 14 18	5°28'52	13♒16	12°53	16°12	23°29	26° 0	28°39	10°44	12°36	26°45	21°33	22°10	20°37	14°46	S 26
S 27	12 18 15	6°28'14	27°39	13° 2	16°45	24°15	26°14	28°47	10°42	12°38	26°46	21°26	22° 6	20°44	14°50	S 27
M28	12 22 11	7°27'33	12♓ 0	13°16	17°15	25° 1	26°28	28°54	10°40	12°40	26°47	21°17	22° 3	20°50	14°53	M28
T 29	12 26 8	8°26'50	26°13	13°36	17°45	25°47	26°42	29° 1	10°38	12°42	26°48	21° 5	22° 0	20°57	14°57	T 29
W30	12 30 4	9°26'05	10♈13	14° 0	18°13	26°34	26°56	29° 9	10°35	12°44	26°49	20°54	21°57	21° 4	15° 0	W30
T 31	12 34 1	10♈25'18	23♈55	14♓29	18♉39	27♒20	27♈10	29♈16	10♍33	12♉46	26♉50	20♐43	21♐54	21♋10	15♉ 4	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s36	0s18	4n59	1n 5	2n45	12n52	2n41	20s 9	0s59	6n58	1s 5	7n51	2s18	7n54	0n49	13n46	1s45	6n18	13s26	23s19	23s18	20n 9	13n55	2s 6
W 2	7 13	5n20	4 58	1 18	2 57	13 18	2 48	19 59	1 0	7 3	1 5	7 53	2 18	7 55	0 49	13 46	1 45	6 18	13 26	23 19	23 17	20 8	13 56	2 6
T 3	6 51	10 33	4 39	1 26	3 8	13 44	2 54	19 48	1 0	7 8	1 5	7 56	2 18	7 56	0 49	13 47	1 45	6 18	13 25	23 18	23 17	20 6	13 56	2 6
F 4	6 27	15 4	4 5	1 30	3 17	14 10	3 1	19 37	1 1	7 13	1 5	7 58	2 18	7 57	0 49	13 47	1 45	6 19	13 25	23 18	23 17	20 4	13 57	2 6
S 5	6 4	18 44	3 19	1 29	3 25	14 35	3 7	19 26	1 1	7 18	1 5	8 0	2 17	7 58	0 49	13 47	1 45	6 19	13 25	23 17	23 17	20 3	13 58	2 6
S 6	5 41	21 22	2 24	1 23	3 32	15 0	3 14	19 15	1 2	7 23	1 4	8 3	2 17	7 59	0 49	13 48	1 45	6 20	13 24	23 17	23 17	20 1	13 59	2 6
M 7	5 18	22 56	1 24	1 12	3 36	15 25	3 20	19 3	1 3	7 28	1 4	8 5	2 17	8 0	0 49	13 48	1 45	6 20	13 24	23 17	23 17	19 59	14 0	2 6
T 8	4 54	23 23	0 21	0 57	3 39	15 49	3 27	18 51	1 3	7 33	1 4	8 8	2 17	8 1	0 49	13 49	1 45	6 20	13 24	23 17	23 17	19 58	14 0	2 6
W 9	4 31	22 45	0s42	0 38	3 39	16 13	3 33	18 40	1 4	7 38	1 4	8 10	2 17	8 2	0 49	13 49	1 45	6 21	13 24	23 17	23 16	19 56	14 1	2 6
T 10	4 8	21 7	1 42	0 16	3 38	16 36	3 40	18 27	1 4	7 43	1 4	8 13	2 17	8 3	0 49	13 50	1 45	6 21	13 23	23 17	23 16	19 54	14 2	2 6
F 11	3 44	18 34	2 39	0s10	3 34	16 59	3 47	18 15	1 5	7 48	1 4	8 15	2 16	8 4	0 49	13 50	1 45	6 22	13 23	23 17	23 16	19 53	14 3	2 6
S 12	3 20	15 14	3 28	0 37	3 29	17 22	3 53	18 3	1 5	7 53	1 4	8 18	2 16	8 5	0 49	13 51	1 45	6 22	13 23	23 17	23 16	19 51	14 4	2 6
S 13	2 57	11 15	4 9	1 7	3 21	17 44	4 0	17 50	1 6	7 58	1 3	8 20	2 16	8 6	0 49	13 51	1 44	6 22	13 22	23 16	23 16	19 49	14 5	2 6
M14	2 33	6 45	4 39	1 37	3 12	18 6	4 6	17 37	1 6	8 3	1 3	8 23	2 16	8 7	0 49	13 52	1 44	6 23	13 22	23 16	23 16	19 47	14 6	2 6
T 15	2 10	1 55	4 56	2 8	3 2	18 27	4 13	17 24	1 7	8 9	1 3	8 26	2 16	8 8	0 49	13 53	1 44	6 23	13 22	23 15	23 15	19 46	14 6	2 6
W16	1 46	3s 5	4 59	2 39	2 50	18 48	4 19	17 11	1 7	8 14	1 3	8 28	2 16	8 9	0 49	13 53	1 44	6 24	13 22	23 14	23 15	19 44	14 7	2 5
T 17	1 22	8 2	4 47	3 9	2 37	19 8	4 25	16 58	1 8	8 19	1 3	8 31	2 16	8 10	0 49	13 54	1 44	6 24	13 21	23 13	23 15	19 42	14 8	2 5
F 18	0 59	12 43	4 20	3 39	2 23	19 28	4 32	16 44	1 8	8 24	1 3	8 33	2 16	8 11	0 49	13 54	1 44	6 25	13 21	23 13	23 15	19 41	14 9	2 5
S 19	0 35	16 50	3 37	4 7	2 9	19 48	4 38	16 31	1 9	8 29	1 3	8 36	2 15	8 12	0 49	13 55	1 44	6 25	13 21	23 12	23 15	19 39	14 10	2 5
S 20	0 11	20 8	2 43	4 33	1 54	20 6	4 44	16 17	1 9	8 34	1 3	8 39	2 15	8 12	0 49	13 55	1 44	6 25	13 21	23 12	23 14	19 37	14 11	2 5
M21	0n13	22 20	1 38	4 57	1 39	20 25	4 51	16 3	1 10	8 39	1 3	8 41	2 15	8 13	0 49	13 56	1 44	6 26	13 20	23 12	23 14	19 35	14 12	2 5
T 22	0 36	23 13	0 26	5 19	1 24	20 43	4 57	15 49	1 10	8 44	1 2	8 44	2 15	8 14	0 49	13 56	1 44	6 26	13 20	23 12	23 14	19 34	14 13	2 5
W23	1 0	22 40	0n47	5 38	1 8	21 0	5 3	15 34	1 11	8 50	1 2	8 46	2 15	8 15	0 49	13 57	1 44	6 27	13 20	23 12	23 14	19 32	14 14	2 5
T 24	1 24	20 40	1 59	5 55	0 53	21 16	5 9	15 20	1 11	8 55	1 2	8 49	2 15	8 16	0 49	13 58	1 44	6 27	13 20	23 12	23 14	19 30	14 15	2 5
F 25	1 47	17 23	3 4	6 10	0 38	21 33	5 14	15 5	1 12	9 0	1 2	8 52	2 15	8 17	0 49	13 58	1 44	6 28	13 19	23 11	23 14	19 28	14 16	2 5
S 26	2 11	13 3	3 57	6 22	0 24	21 48	5 20	14 50	1 12	9 5	1 2	8 54	2 15	8 18	0 49	13 59	1 44	6 28	13 19	23 11	23 13	19 27	14 17	2 5
S 27	2 34	7 58	4 36	6 31	0 10	22 3	5 26	14 36	1 13	9 10	1 2	8 57	2 15	8 19	0 49	13 59	1 44	6 28	13 19	23 11	23 13	19 25	14 18	2 5
M28	2 58	2 29	4 58	6 38	0s 4	22 17	5 31	14 20	1 13	9 15	1 2	9 0	2 14	8 19	0 49	14 0	1 44	6 29	13 19	23 10	23 13	19 23	14 19	2 5
T 29	3 21	3n 5	5 0	6 43	0 17	22 31	5 37	14 5	1 14	9 21	1 2	9 2	2 14	8 20	0 49	14 1	1 44	6 29	13 18	23 9	23 13	19 21	14 20	2 5
W30	3 44	8 25	4 45	6 46	0 30	22 44	5 42	13 50	1 14	9 26	1 2	9 5	2 14	8 21	0 49	14 1	1 44	6 30	13 18	23 9	23 13	19 19	14 21	2 5
T 31	4n 8	13n12	4n13	6s46	0s42	22n56	5n47	13s35	1s15	9n31	1s 2	9n 8	2s14	8n22	0n49	14n 2	1s44	6n30	13s18	23s 8	23s12	19n18	14n22	2s 5

Julian Day Number = 2408140.5, Delta T = -3.66 sec
Ecliptic obliquity = 23°27'17, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°04'51, Lahiri = 22°11'51

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ASTRODIENST EPHEMERIS for the year 1881
geocentric

APRIL 1881 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 37 57	11♈24'30	7♉16	15♓ 2	19♉ 3	28♒ 6	27♈24	29♈23	10°R31	12♉48	26♉51	20°R34	21♐51	21♋17	15♉ 8	F 1
S 2	12 41 54	12°23'39	20°15	15°39	19°26	28°52	27°39	29°31	10♏29	12°50	26°52	20♐28	21°47	21°24	15°11	S 2
S 3	12 45 51	13°22'45	2♊52	16°21	19°46	29°38	27°53	29°38	10°27	12°52	26°53	20°24	21°44	21°30	15°15	S 3
M 4	12 49 47	14°21'50	15°11	17° 5	20° 5	0♓25	28° 7	29°46	10°25	12°54	26°54	20°D23	21°41	21°37	15°19	M 4
T 5	12 53 44	15°20'52	27°15	17°54	20°22	1°11	28°21	29°53	10°23	12°56	26°55	20°23	21°38	21°44	15°22	T 5
W 6	12 57 40	16°19'52	9♋ 9	18°45	20°37	1°57	28°36	0♉ 1	10°21	12°58	26°56	20°23	21°35	21°50	15°26	W 6
T 7	13 1 37	17°18'50	20°58	19°40	20°50	2°43	28°50	0° 8	10°19	13° 0	26°57	20°R23	21°31	21°57	15°30	T 7
F 8	13 5 33	18°17'46	2♌48	20°38	21° 0	3°29	29° 4	0°16	10°17	13° 2	26°58	20°22	21°28	22° 4	15°34	F 8
S 9	13 9 30	19°16'39	14°44	21°38	21° 9	4°16	29°18	0°23	10°15	13° 4	26°59	20°19	21°25	22°10	15°38	S 9
S 10	13 13 26	20°15'30	26°51	22°41	21°15	5° 2	29°33	0°31	10°13	13° 7	27° 1	20°13	21°22	22°17	15°42	S 10
M11	13 17 23	21°14'18	9♍12	23°47	21°19	5°48	29°47	0°38	10°11	13° 9	27° 2	20° 5	21°19	22°24	15°45	M11
T 12	13 21 20	22°13'05	21°50	24°55	21°R20	6°34	0♉ 1	0°46	10°10	13°11	27° 3	19°56	21°16	22°30	15°49	T 12
W13	13 25 16	23°11'49	4♎47	26° 6	21°19	7°20	0°16	0°53	10° 8	13°13	27° 4	19°46	21°12	22°37	15°53	W13
T 14	13 29 13	24°10'31	18° 1	27°19	21°16	8° 7	0°30	1° 1	10° 6	13°15	27° 5	19°36	21° 9	22°44	15°57	T 14
F 15	13 33 9	25° 9'11	1♏32	28°34	21°10	8°53	0°45	1° 9	10° 5	13°17	27° 6	19°28	21° 6	22°50	16° 1	F 15
S 16	13 37 6	26° 7'50	15°17	29°51	21° 1	9°39	0°59	1°16	10° 3	13°19	27° 7	19°21	21° 3	22°57	16° 5	S 16
S 17	13 41 2	27° 6'26	29°13	1♈11	20°50	10°25	1°13	1°24	10° 2	13°22	27° 9	19°17	21° 0	23° 4	16° 9	S 17
M18	13 44 59	28° 5'01	13♐16	2°32	20°37	11°11	1°28	1°32	10° 0	13°24	27°10	19°D16	20°57	23°10	16°13	M18
T 19	13 48 55	29° 3'34	27°23	3°55	20°21	11°57	1°42	1°39	9°59	13°26	27°11	19°16	20°53	23°17	16°17	T 19
W20	13 52 52	0♉ 2'06	11♑33	5°21	20° 3	12°43	1°57	1°47	9°57	13°28	27°12	19°17	20°50	23°24	16°21	W20
T 21	13 56 49	1° 0'35	25°43	6°48	19°43	13°30	2°11	1°55	9°56	13°30	27°14	19°R18	20°47	23°30	16°25	T 21
F 22	14 0 45	1°59'04	9♒52	8°17	19°20	14°16	2°25	2° 2	9°55	13°33	27°15	19°17	20°44	23°37	16°29	F 22
S 23	14 4 42	2°57'30	23°58	9°48	18°55	15° 2	2°40	2°10	9°53	13°35	27°16	19°16	20°41	23°44	16°34	S 23
S 24	14 8 38	3°55'55	8♓ 0	11°21	18°29	15°48	2°54	2°17	9°52	13°37	27°17	19°12	20°37	23°50	16°38	S 24
M25	14 12 35	4°54'19	21°55	12°55	18° 0	16°34	3° 9	2°25	9°51	13°39	27°19	19° 6	20°34	23°57	16°42	M25
T 26	14 16 31	5°52'40	5♈41	14°31	17°29	17°20	3°23	2°33	9°50	13°42	27°20	18°59	20°31	24° 4	16°46	T 26
W27	14 20 28	6°51'01	19°14	16°10	16°57	18° 6	3°37	2°40	9°49	13°44	27°21	18°52	20°28	24°10	16°50	W27
T 28	14 24 24	7°49'19	2♉33	17°50	16°23	18°52	3°52	2°48	9°48	13°46	27°22	18°46	20°25	24°17	16°54	T 28
F 29	14 28 21	8°47'36	15°36	19°31	15°48	19°38	4° 6	2°56	9°47	13°48	27°24	18°40	20°22	24°24	16°58	F 29
S 30	14 32 18	9♉45'51	28♉21	21♈15	15♉12	20♓24	4♉21	3♉ 3	9♍46	13♉51	27♉25	18♐36	20♐18	24♋30	17♉ 3	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n31	17n13	3n28	6s44	0s54	23n 7	5n51	13s19	1s15	9n36	1s 1	9n10	2s14	8n23	0n49	14n 3	1s44	6n31	13s18	23s 7	23s12	19n16	14n23	2s 6
S 2	4 54	20 17	2 33	6 39	1 5	23 18	5 56	13 3	1 16	9 41	1 1	9 13	2 14	8 23	0 49	14 3	1 44	6 31	13 17	23 7	23 12	19 14	14 24	2 6
S 3	5 17	22 15	1 32	6 33	1 15	23 28	6 0	12 47	1 16	9 46	1 1	9 16	2 14	8 24	0 49	14 4	1 44	6 31	13 17	23 6	23 12	19 12	14 25	2 6
M 4	5 40	23 5	0 28	6 24	1 25	23 37	6 5	12 32	1 16	9 52	1 1	9 18	2 14	8 25	0 49	14 4	1 44	6 32	13 17	23 6	23 12	19 11	14 26	2 6
T 5	6 3	22 49	0s37	6 14	1 34	23 46	6 9	12 15	1 17	9 57	1 1	9 21	2 14	8 26	0 49	14 5	1 44	6 32	13 17	23 6	23 11	19 9	14 27	2 6
W 6	6 26	21 30	1 39	6 2	1 43	23 53	6 12	11 59	1 17	10 2	1 1	9 24	2 14	8 26	0 49	14 6	1 44	6 33	13 17	23 6	23 11	19 7	14 28	2 6
T 7	6 48	19 15	2 36	5 48	1 51	24 0	6 16	11 43	1 18	10 7	1 1	9 26	2 14	8 27	0 48	14 6	1 44	6 33	13 16	23 6	23 11	19 5	14 29	2 6
F 8	7 11	16 12	3 27	5 32	1 58	24 6	6 19	11 27	1 18	10 12	1 1	9 29	2 14	8 28	0 48	14 7	1 44	6 34	13 16	23 6	23 11	19 3	14 30	2 6
S 9	7 33	12 27	4 9	5 14	2 5	24 11	6 21	11 10	1 18	10 17	1 1	9 32	2 13	8 29	0 48	14 8	1 44	6 34	13 16	23 6	23 11	19 2	14 31	2 6
S 10	7 55	8 11	4 40	4 55	2 11	24 15	6 24	10 54	1 19	10 22	1 1	9 34	2 13	8 29	0 48	14 8	1 43	6 34	13 16	23 6	23 10	19 0	14 33	2 6
M11	8 17	3 30	4 59	4 34	2 17	24 17	6 26	10 37	1 19	10 27	1 1	9 37	2 13	8 30	0 48	14 9	1 43	6 35	13 15	23 5	23 10	18 58	14 34	2 6
T 12	8 39	1s26	5 5	4 11	2 22	24 19	6 27	10 20	1 20	10 32	1 1	9 40	2 13	8 31	0 48	14 10	1 43	6 35	13 15	23 4	23 10	18 56	14 35	2 6
W13	9 1	6 24	4 55	3 48	2 27	24 20	6 28	10 3	1 20	10 38	1 1	9 43	2 13	8 31	0 48	14 10	1 43	6 36	13 15	23 4	23 10	18 54	14 36	2 6
T 14	9 23	11 13	4 29	3 22	2 30	24 20	6 29	9 46	1 20	10 43	1 1	9 45	2 13	8 32	0 48	14 11	1 43	6 36	13 15	23 3	23 10	18 52	14 37	2 6
F 15	9 44	15 34	3 47	2 55	2 34	24 18	6 29	9 29	1 21	10 48	1 0	9 48	2 13	8 32	0 48	14 12	1 43	6 37	13 15	23 2	23 9	18 51	14 38	2 6
S 16	10 6	19 10	2 52	2 27	2 37	24 16	6 28	9 12	1 21	10 53	1 0	9 51	2 13	8 33	0 48	14 12	1 43	6 37	13 15	23 2	23 9	18 49	14 39	2 6
S 17	10 27	21 43	1 46	1 58	2 39	24 12	6 28	8 55	1 21	10 58	1 0	9 53	2 13	8 33	0 48	14 13	1 43	6 37	13 14	23 1	23 9	18 47	14 40	2 6
M18	10 48	22 56	0 32	1 27	2 41	24 7	6 26	8 38	1 22	11 3	1 0	9 56	2 13	8 34	0 48	14 14	1 43	6 38	13 14	23 1	23 9	18 45	14 41	2 6
T 19	11 9	22 42	0n44	0 55	2 42	24 0	6 24	8 21	1 22	11 8	1 0	9 59	2 13	8 34	0 48	14 14	1 43	6 38	13 14	23 1	23 8	18 43	14 42	2 6
W20	11 29	21 0	1 57	0 21	2 42	23 53	6 21	8 3	1 22	11 13	1 0	10 1	2 13	8 35	0 48	14 15	1 43	6 39	13 14	23 1	23 8	18 41	14 44	2 6
T 21	11 50	18 0	3 4	0n13	2 42	23 44	6 18	7 46	1 23	11 18	1 0	10 4	2 13	8 35	0 48	14 16	1 43	6 39	13 14	23 1	23 8	18 40	14 45	2 6
F 22	12 10	13 57	3 59	0 49	2 42	23 33	6 13	7 28	1 23	11 23	1 0	10 6	2 13	8 36	0 48	14 16	1 43	6 39	13 14	23 1	23 8	18 38	14 46	2 6
S 23	12 30	9 9	4 39	1 25	2 41	23 22	6 9	7 11	1 23	11 28	1 0	10 9	2 13	8 36	0 48	14 17	1 43	6 40	13 13	23 1	23 8	18 36	14 47	2 6
S 24	12 50	3 53	5 3	2 3	2 39	23 9	6 3	6 53	1 23	11 33	1 0	10 12	2 13	8 37	0 48	14 18	1 43	6 40	13 13	23 1	23 7	18 34	14 48	2 6
M25	13 10	1n31	5 8	2 42	2 37	22 54	5 57	6 35	1 24	11 38	1 0	10 14	2 13	8 37	0 48	14 18	1 43	6 41	13 13	23 0	23 7	18 32	14 49	2 6
T 26	13 29	6 47	4 56	3 22	2 34	22 39	5 50	6 18	1 24	11 43	1 0	10 17	2 13	8 38	0 48	14 19	1 43	6 41	13 13	23 0	23 7	18 30	14 50	2 6
W27	13 49	11 39	4 27	4 2	2 31	22 22	5 42	6 0	1 24	11 48	1 0	10 20	2 13	8 38	0 48	14 20	1 43	6 41	13 13	22 59	23 7	18 28	14 51	2 6
T 28	14 8	15 52	3 44	4 44	2 27	22 4	5 34	5 42	1 24	11 52	1 0	10 22	2 13	8 38	0 48	14 20	1 43	6 42	13 13	22 59	23 6	18 27	14 52	2 7
F 29	14 26	19 13	2 50	5 26	2 23	21 45	5 25	5 24	1 25	11 57	1 0	10 25	2 13	8 39	0 48	14 21	1 43	6 42	13 13	22 58	23 6	18 25	14 53	2 7
S 30	14n45	21n33	1n48	6n10	2s18	21n25	5n15	5s 6	1s25	12n 2	1s 0	10n27	2s13	8n39	0n48	14n22	1s43	6n43	13s13	22s58	23s 6	18n23	14n55	2s 7

Julian Day Number = 2408171.5, Delta T = -3.69 sec
Ecliptic obliquity = 23°27'16, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°04'55, Lahiri = 22°11'55

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ASTRODIENST EPHEMERIS for the year 1881
geocentric

MAY 1881 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 36 14	10♉44'04	10♊50	23♈ 0	14°R36	21♓10	4♉35	3♉11	9°R45	13♉53	27♉26	18°R35	20♐15	24♋37	17♉ 7	S 1
M 2	14 40 11	11°42'15	23° 4	24°48	13♉58	21°56	4°49	3°19	9♍44	13°55	27°28	18°D34	20°12	24°44	17°11	M 2
T 3	14 44 7	12°40'25	5♋ 6	26°37	13°21	22°42	5° 4	3°26	9°43	13°57	27°29	18♐35	20° 9	24°50	17°15	T 3
W 4	14 48 4	13°38'32	17° 0	28°27	12°43	23°28	5°18	3°34	9°43	14° 0	27°30	18°37	20° 6	24°57	17°19	W 4
T 5	14 52 0	14°36'38	28°50	0♉20	12° 5	24°14	5°32	3°41	9°42	14° 2	27°32	18°39	20° 3	25° 4	17°24	T 5
F 6	14 55 57	15°34'41	10♌41	2°15	11°28	24°59	5°47	3°49	9°41	14° 4	27°33	18°R40	19°59	25°10	17°28	F 6
S 7	14 59 53	16°32'43	22°38	4°11	10°51	25°45	6° 1	3°56	9°41	14° 6	27°34	18°40	19°56	25°17	17°32	S 7
S 8	15 3 50	17°30'43	4♍45	6° 9	10°16	26°31	6°15	4° 4	9°40	14° 9	27°36	18°38	19°53	25°24	17°36	S 8
M 9	15 7 47	18°28'40	17° 8	8° 9	9°41	27°17	6°29	4°11	9°40	14°11	27°37	18°36	19°50	25°30	17°40	M 9
T 10	15 11 43	19°26'37	29°50	10°10	9° 8	28° 2	6°43	4°19	9°39	14°13	27°38	18°32	19°47	25°37	17°45	T 10
W11	15 15 40	20°24'31	12♎53	12°14	8°36	28°48	6°58	4°26	9°39	14°15	27°40	18°28	19°43	25°44	17°49	W11
T 12	15 19 36	21°22'23	26°19	14°18	8° 5	29°34	7°12	4°34	9°39	14°18	27°41	18°23	19°40	25°50	17°53	T 12
F 13	15 23 33	22°20'14	10♏ 5	16°25	7°37	0♈19	7°26	4°41	9°38	14°20	27°42	18°20	19°37	25°57	17°57	F 13
S 14	15 27 29	23°18'04	24°11	18°32	7°11	1° 5	7°40	4°49	9°38	14°22	27°44	18°17	19°34	26° 4	18° 1	S 14
S 15	15 31 26	24°15'52	8♐31	20°41	6°46	1°51	7°54	4°56	9°38	14°24	27°45	18°16	19°31	26°10	18° 6	S 15
M16	15 35 22	25°13'39	23° 1	22°51	6°24	2°36	8° 8	5° 3	9°38	14°27	27°46	18°D15	19°28	26°17	18°10	M16
T 17	15 39 19	26°11'25	7♑34	25° 1	6° 4	3°22	8°22	5°11	9°D38	14°29	27°48	18°16	19°24	26°24	18°14	T 17
W18	15 43 16	27° 9'09	22° 6	27°13	5°47	4° 7	8°36	5°18	9°38	14°31	27°49	18°17	19°21	26°30	18°18	W18
T 19	15 47 12	28° 6'52	6♒31	29°24	5°32	4°53	8°50	5°25	9°38	14°33	27°50	18°19	19°18	26°37	18°22	T 19
F 20	15 51 9	29° 4'34	20°47	1♊36	5°19	5°38	9° 4	5°33	9°38	14°35	27°52	18°20	19°15	26°44	18°26	F 20
S 21	15 55 5	0♊ 2'15	4♓52	3°47	5° 9	6°23	9°18	5°40	9°38	14°38	27°53	18°R20	19°12	26°50	18°31	S 21
S 22	15 59 2	0°59'55	18°43	5°58	5° 1	7° 9	9°32	5°47	9°39	14°40	27°54	18°19	19° 8	26°57	18°35	S 22
M23	16 2 58	1°57'34	2♈21	8° 8	4°56	7°54	9°46	5°54	9°39	14°42	27°56	18°18	19° 5	27° 4	18°39	M23
T 24	16 6 55	2°55'12	15°44	10°17	4°53	8°39	10° 0	6° 1	9°39	14°44	27°57	18°16	19° 2	27°10	18°43	T 24
W25	16 10 51	3°52'50	28°53	12°25	4°D52	9°24	10°13	6° 8	9°40	14°46	27°58	18°14	18°59	27°17	18°47	W25
T 26	16 14 48	4°50'26	11♉48	14°31	4°54	10°10	10°27	6°15	9°40	14°48	28° 0	18°12	18°56	27°24	18°51	T 26
F 27	16 18 45	5°48'01	24°29	16°36	4°58	10°55	10°41	6°22	9°41	14°51	28° 1	18°10	18°53	27°30	18°55	F 27
S 28	16 22 41	6°45'35	6♊57	18°38	5° 4	11°40	10°54	6°29	9°41	14°53	28° 3	18°10	18°49	27°37	18°59	S 28
S 29	16 26 38	7°43'08	19°13	20°39	5°13	12°25	11° 8	6°36	9°42	14°55	28° 4	18°D 9	18°46	27°44	19° 3	S 29
M30	16 30 34	8°40'40	1♋19	22°37	5°23	13°10	11°22	6°43	9°42	14°57	28° 5	18°10	18°43	27°51	19° 7	M30
T 31	16 34 31	9♊38'11	13♋16	24♊33	5♉36	13♈55	11♉35	6♉50	9♍43	14♉59	28♉ 7	18♐10	18♐40	27♋57	19♉11	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 3	22n47	0n42	6n54	2s13	21n 4	5n 5	4s48	1s25	12n 7	1s 0	10n30	2s13	8n39	0n48	14n22	1s43	6n43	13s12	22s58	23s 6	18n21	14n56	2s 7
M 2	15 21	22 52	0s25	7 38	2 7	20 42	4 54	4 31	1 25	12 12	1 0	10 32	2 13	8 40	0 48	14 23	1 43	6 43	13 12	22 58	23 6	18 19	14 57	2 7
T 3	15 39	21 52	1 29	8 24	2 1	20 20	4 42	4 13	1 26	12 17	1 0	10 35	2 13	8 40	0 48	14 24	1 43	6 44	13 12	22 58	23 5	18 17	14 58	2 7
W 4	15 57	19 54	2 29	9 9	1 54	19 57	4 30	3 55	1 26	12 22	1 0	10 38	2 13	8 40	0 48	14 24	1 43	6 44	13 12	22 58	23 5	18 15	14 59	2 7
T 5	16 14	17 6	3 22	9 56	1 47	19 33	4 17	3 37	1 26	12 26	1 0	10 40	2 13	8 40	0 48	14 25	1 43	6 45	13 12	22 58	23 5	18 13	15 0	2 7
F 6	16 31	13 36	4 7	10 43	1 39	19 9	4 4	3 19	1 26	12 31	1 0	10 43	2 13	8 40	0 47	14 26	1 43	6 45	13 12	22 58	23 5	18 12	15 1	2 7
S 7	16 48	9 32	4 42	11 30	1 31	18 45	3 51	3 0	1 26	12 36	1 0	10 45	2 13	8 41	0 47	14 26	1 43	6 45	13 12	22 58	23 4	18 10	15 2	2 7
S 8	17 4	5 3	5 4	12 17	1 22	18 20	3 37	2 42	1 26	12 40	1 0	10 48	2 13	8 41	0 47	14 27	1 43	6 46	13 12	22 58	23 4	18 8	15 3	2 7
M 9	17 20	0 17	5 13	13 4	1 13	17 56	3 23	2 24	1 27	12 45	1 0	10 50	2 13	8 41	0 47	14 28	1 43	6 46	13 12	22 58	23 4	18 6	15 4	2 7
T 10	17 36	4s38	5 7	13 52	1 4	17 32	3 9	2 6	1 27	12 50	1 0	10 53	2 13	8 41	0 47	14 28	1 43	6 46	13 12	22 58	23 4	18 4	15 6	2 7
W11	17 52	9 28	4 45	14 39	0 54	17 8	2 55	1 48	1 27	12 54	1 0	10 55	2 13	8 41	0 47	14 29	1 43	6 47	13 12	22 57	23 3	18 2	15 7	2 8
T 12	18 7	14 0	4 8	15 26	0 45	16 44	2 40	1 30	1 27	12 59	1 0	10 57	2 13	8 41	0 47	14 30	1 43	6 47	13 12	22 57	23 3	18 0	15 8	2 8
F 13	18 22	17 56	3 15	16 12	0 34	16 21	2 26	1 12	1 27	13 4	1 0	11 0	2 13	8 41	0 47	14 30	1 43	6 47	13 11	22 56	23 3	17 58	15 9	2 8
S 14	18 37	20 54	2 9	16 58	0 24	15 59	2 11	0 54	1 27	13 8	1 0	11 2	2 13	8 41	0 47	14 31	1 43	6 48	13 11	22 56	23 3	17 56	15 10	2 8
S 15	18 51	22 37	0 53	17 43	0 14	15 38	1 57	0 36	1 27	13 13	1 0	11 5	2 13	8 41	0 47	14 32	1 43	6 48	13 11	22 56	23 2	17 54	15 11	2 8
M16	19 5	22 50	0n26	18 27	0 3	15 17	1 43	0 18	1 27	13 17	1 0	11 7	2 13	8 41	0 47	14 32	1 43	6 48	13 11	22 56	23 2	17 52	15 12	2 8
T 17	19 19	21 30	1 44	19 9	0n 7	14 57	1 29	0n 0	1 27	13 22	1 0	11 9	2 13	8 41	0 47	14 33	1 43	6 49	13 11	22 56	23 2	17 50	15 13	2 8
W18	19 32	18 45	2 56	19 50	0 18	14 38	1 15	0 18	1 27	13 26	1 0	11 12	2 14	8 41	0 47	14 34	1 43	6 49	13 11	22 56	23 2	17 48	15 14	2 8
T 19	19 45	14 51	3 56	20 30	0 28	14 20	1 1	0 36	1 28	13 31	1 0	11 14	2 14	8 41	0 47	14 34	1 43	6 49	13 11	22 56	23 1	17 47	15 15	2 8
F 20	19 58	10 9	4 40	21 7	0 39	14 4	0 48	0 54	1 28	13 35	1 0	11 17	2 14	8 41	0 47	14 35	1 43	6 50	13 11	22 56	23 1	17 45	15 16	2 8
S 21	20 10	4 58	5 7	21 43	0 48	13 48	0 35	1 12	1 28	13 40	1 0	11 19	2 14	8 41	0 47	14 35	1 43	6 50	13 11	22 56	23 1	17 43	15 17	2 9
S 22	20 22	0n23	5 16	22 16	0 58	13 33	0 22	1 30	1 28	13 44	1 0	11 21	2 14	8 41	0 47	14 36	1 43	6 50	13 11	22 56	23 1	17 41	15 18	2 9
M23	20 34	5 37	5 6	22 47	1 7	13 20	0 10	1 48	1 28	13 48	1 0	11 23	2 14	8 41	0 47	14 37	1 43	6 51	13 11	22 56	23 0	17 39	15 19	2 9
T 24	20 45	10 30	4 40	23 15	1 16	13 8	0s 2	2 5	1 28	13 53	1 0	11 26	2 14	8 41	0 47	14 37	1 43	6 51	13 11	22 56	23 0	17 37	15 20	2 9
W25	20 56	14 49	4 0	23 41	1 24	12 56	0 14	2 23	1 28	13 57	1 0	11 28	2 14	8 40	0 47	14 38	1 43	6 51	13 11	22 56	23 0	17 35	15 21	2 9
T 26	21 7	18 22	3 8	24 4	1 31	12 46	0 25	2 41	1 28	14 1	1 0	11 30	2 14	8 40	0 47	14 39	1 43	6 51	13 11	22 56	23 0	17 33	15 22	2 9
F 27	21 17	20 58	2 7	24 24	1 38	12 37	0 36	2 59	1 28	14 6	1 0	11 32	2 14	8 40	0 47	14 39	1 43	6 52	13 11	22 56	22 59	17 31	15 23	2 9
S 28	21 27	22 30	1 2	24 42	1 44	12 30	0 46	3 16	1 28	14 10	1 0	11 35	2 14	8 40	0 47	14 40	1 43	6 52	13 11	22 56	22 59	17 29	15 24	2 9
S 29	21 37	22 55	0s 6	24 57	1 50	12 23	0 56	3 34	1 28	14 14	1 0	11 37	2 14	8 39	0 47	14 40	1 43	6 52	13 11	22 56	22 59	17 27	15 25	2 9
M30	21 46	22 14	1 12	25 9	1 55	12 17	1 6	3 51	1 28	14 18	1 0	11 39	2 15	8 39	0 46	14 41	1 43	6 52	13 11	22 56	22 58	17 25	15 26	2 10
T 31	21n55	20n33	2s15	25n19	1n59	12n13	1s15	4n 9	1s27	14n22	1s 0	11n41	2s15	8n39	0n46	14n42	1s43	6n53	13s11	22s56	22s58	17n23	15n27	2s10

Julian Day Number = 2408201.5, Delta T = -3.72 sec
Ecliptic obliquity = 23°27'16, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°04'59, Lahiri = 22°12'00

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ASTRODIENST EPHEMERIS for the year 1881
geocentric

JUNE 1881 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 38 27	10♊35'40	25♋ 8	26♊27	5♉50	14♈40	11♉48	6♉57	9♍44	15♉ 1	28♉ 8	18♐11	18♐37	28♋ 4	19♉15	W 1
T 2	16 42 24	11°33'08	6♌58	28°18	6° 7	15°24	12° 2	7° 4	9°45	15° 3	28° 9	18°12	18°34	28°11	19°19	T 2
F 3	16 46 20	12°30'35	18°49	0♌ 6	6°25	16° 9	12°15	7°11	9°45	15° 5	28°11	18°12	18°30	28°17	19°23	F 3
S 4	16 50 17	13°28'01	0♍45	1°52	6°46	16°54	12°29	7°17	9°46	15° 7	28°12	18°13	18°27	28°24	19°27	S 4
S 5	16 54 14	14°25'26	12°52	3°35	7° 8	17°39	12°42	7°24	9°47	15° 9	28°13	18°R13	18°24	28°31	19°31	S 5
M 6	16 58 10	15°22'50	25°13	5°16	7°31	18°23	12°55	7°30	9°48	15°11	28°14	18°13	18°21	28°37	19°35	M 6
T 7	17 2 7	16°20'12	7♎53	6°54	7°57	19° 8	13° 8	7°37	9°49	15°13	28°16	18°13	18°18	28°44	19°39	T 7
W 8	17 6 3	17°17'34	20°55	8°29	8°24	19°52	13°21	7°44	9°51	15°15	28°17	18°13	18°14	28°51	19°43	W 8
T 9	17 10 0	18°14'54	4♏22	10° 1	8°52	20°37	13°34	7°50	9°52	15°17	28°18	18°D13	18°11	28°57	19°47	T 9
F 10	17 13 56	19°12'14	18°14	11°31	9°22	21°21	13°47	7°56	9°53	15°19	28°20	18°13	18° 8	29° 4	19°51	F 10
S 11	17 17 53	20° 9'32	2♐30	12°58	9°53	22° 5	14° 0	8° 3	9°54	15°21	28°21	18°13	18° 5	29°11	19°54	S 11
S 12	17 21 49	21° 6'50	17° 7	14°22	10°26	22°50	14°13	8° 9	9°56	15°23	28°22	18°R13	18° 2	29°17	19°58	S 12
M13	17 25 46	22° 4'07	1♑57	15°43	11° 0	23°34	14°26	8°15	9°57	15°25	28°23	18°13	17°59	29°24	20° 2	M13
T 14	17 29 43	23° 1'24	16°55	17° 2	11°36	24°18	14°39	8°22	9°58	15°27	28°25	18°12	17°55	29°31	20° 6	T 14
W15	17 33 39	23°58'40	1♒51	18°17	12°12	25° 2	14°51	8°28	10° 0	15°29	28°26	18°12	17°52	29°37	20° 9	W15
T 16	17 37 36	24°55'56	16°38	19°29	12°50	25°46	15° 4	8°34	10° 1	15°31	28°27	18°11	17°49	29°44	20°13	T 16
F 17	17 41 32	25°53'11	1♓ 9	20°39	13°29	26°30	15°16	8°40	10° 3	15°32	28°28	18°11	17°46	29°51	20°17	F 17
S 18	17 45 29	26°50'27	15°22	21°45	14° 9	27°14	15°29	8°46	10° 5	15°34	28°30	18°10	17°43	29°57	20°20	S 18
S 19	17 49 25	27°47'42	29°13	22°48	14°50	27°58	15°41	8°52	10° 6	15°36	28°31	18°D10	17°40	0♌ 4	20°24	S 19
M20	17 53 22	28°44'56	12♈43	23°48	15°32	28°42	15°54	8°58	10° 8	15°38	28°32	18°10	17°36	0°11	20°27	M20
T 21	17 57 18	29°42'11	25°53	24°45	16°15	29°25	16° 6	9° 3	10°10	15°40	28°33	18°11	17°33	0°17	20°31	T 21
W22	18 1 15	0♋39'26	8♉45	25°38	16°59	0♉ 9	16°18	9° 9	10°12	15°41	28°34	18°12	17°30	0°24	20°34	W22
T 23	18 5 12	1°36'40	21°22	26°27	17°44	0°52	16°30	9°15	10°14	15°43	28°36	18°13	17°27	0°31	20°38	T 23
F 24	18 9 8	2°33'55	3♊45	27°13	18°29	1°36	16°42	9°20	10°15	15°45	28°37	18°14	17°24	0°38	20°41	F 24
S 25	18 13 5	3°31'09	15°57	27°55	19°16	2°19	16°54	9°26	10°17	15°46	28°38	18°R14	17°20	0°44	20°45	S 25
S 26	18 17 1	4°28'23	28° 1	28°33	20° 3	3° 3	17° 6	9°32	10°19	15°48	28°39	18°14	17°17	0°51	20°48	S 26
M27	18 20 58	5°25'37	9♋58	29° 8	20°51	3°46	17°18	9°37	10°21	15°50	28°40	18°13	17°14	0°58	20°51	M27
T 28	18 24 54	6°22'51	21°50	29°38	21°40	4°29	17°29	9°42	10°24	15°51	28°41	18°11	17°11	1° 4	20°55	T 28
W29	18 28 51	7°20'04	3♌40	0♌ 4	22°29	5°12	17°41	9°48	10°26	15°53	28°42	18° 8	17° 8	1°11	20°58	W29
T 30	18 32 47	8♋17'18	15♌30	0♌25	23♉19	5♉55	17♉53	9♉53	10♍28	15♉54	28♉44	18♐ 5	17♐ 5	1♌18	21♉ 1	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 3	17n59	3s11	25n26	2n 2	12n 9	1s24	4n26	1s27	14n26	1s 0	11n43	2s15	8n38	0n46	14n42	1s43	6n53	13s11	22s56	22s58	17n21	15n28	2s10
T 2	22 11	14 41	3 59	25 31	2 4	12 6	1 33	4 44	1 27	14 30	1 0	11 45	2 15	8 38	0 46	14 43	1 43	6 53	13 11	22 56	22 58	17 19	15 29	2 10
F 3	22 19	10 48	4 37	25 33	2 6	12 4	1 41	5 1	1 27	14 34	1 0	11 47	2 15	8 38	0 46	14 43	1 44	6 53	13 11	22 56	22 57	17 17	15 30	2 10
S 4	22 26	6 29	5 3	25 33	2 7	12 4	1 49	5 18	1 27	14 38	1 0	11 49	2 15	8 37	0 46	14 44	1 44	6 54	13 11	22 56	22 57	17 15	15 31	2 10
S 5	22 33	1 52	5 16	25 31	2 7	12 4	1 57	5 35	1 27	14 42	1 0	11 51	2 15	8 37	0 46	14 44	1 44	6 54	13 11	22 56	22 57	17 13	15 32	2 10
M 6	22 39	2s55	5 15	25 27	2 7	12 5	2 4	5 52	1 27	14 46	1 0	11 54	2 15	8 37	0 46	14 45	1 44	6 54	13 11	22 56	22 57	17 11	15 33	2 11
T 7	22 45	7 42	4 59	25 21	2 5	12 6	2 11	6 9	1 27	14 50	1 0	11 56	2 15	8 36	0 46	14 46	1 44	6 54	13 11	22 56	22 56	17 9	15 34	2 11
W 8	22 51	12 18	4 27	25 14	2 3	12 9	2 17	6 26	1 27	14 54	1 0	11 58	2 16	8 36	0 46	14 46	1 44	6 55	13 11	22 56	22 56	17 7	15 35	2 11
T 9	22 56	16 26	3 40	25 4	2 0	12 12	2 23	6 43	1 26	14 58	1 0	11 59	2 16	8 35	0 46	14 47	1 44	6 55	13 12	22 56	22 56	17 5	15 35	2 11
F 10	23 1	19 49	2 39	24 53	1 57	12 16	2 29	7 0	1 26	15 2	1 0	12 1	2 16	8 35	0 46	14 47	1 44	6 55	13 12	22 56	22 55	17 3	15 36	2 11
S 11	23 5	22 5	1 26	24 41	1 52	12 21	2 35	7 17	1 26	15 6	1 0	12 3	2 16	8 34	0 46	14 48	1 44	6 55	13 12	22 56	22 55	17 1	15 37	2 11
S 12	23 9	22 56	0 6	24 27	1 47	12 26	2 40	7 33	1 26	15 9	1 0	12 5	2 16	8 34	0 46	14 48	1 44	6 55	13 12	22 56	22 55	16 59	15 38	2 11
M13	23 13	22 11	1n16	24 12	1 41	12 32	2 45	7 50	1 26	15 13	1 0	12 7	2 16	8 33	0 46	14 49	1 44	6 56	13 12	22 56	22 55	16 57	15 39	2 12
T 14	23 16	19 51	2 33	23 56	1 35	12 38	2 49	8 6	1 25	15 17	1 0	12 9	2 16	8 32	0 46	14 49	1 44	6 56	13 12	22 56	22 54	16 55	15 40	2 12
W15	23 19	16 12	3 39	23 39	1 28	12 45	2 54	8 22	1 25	15 21	1 0	12 11	2 16	8 32	0 46	14 50	1 44	6 56	13 12	22 56	22 54	16 53	15 41	2 12
T 16	23 21	11 34	4 30	23 22	1 20	12 53	2 58	8 39	1 25	15 24	1 0	12 13	2 17	8 31	0 46	14 50	1 44	6 56	13 12	22 56	22 54	16 51	15 41	2 12
F 17	23 23	6 20	5 3	23 3	1 12	13 1	3 1	8 55	1 25	15 28	1 0	12 14	2 17	8 31	0 46	14 51	1 44	6 56	13 12	22 56	22 53	16 49	15 42	2 12
S 18	23 25	0 54	5 17	22 44	1 3	13 9	3 5	9 11	1 25	15 31	1 0	12 16	2 17	8 30	0 46	14 51	1 44	6 56	13 12	22 56	22 53	16 47	15 43	2 12
S 19	23 26	4n27	5 11	22 24	0 53	13 18	3 8	9 27	1 24	15 35	1 0	12 18	2 17	8 29	0 46	14 52	1 44	6 57	13 12	22 56	22 53	16 45	15 44	2 13
M20	23 27	9 27	4 49	22 3	0 43	13 27	3 11	9 42	1 24	15 38	1 1	12 20	2 17	8 29	0 46	14 52	1 44	6 57	13 12	22 56	22 53	16 43	15 44	2 13
T 21	23 27	13 54	4 11	21 43	0 32	13 37	3 14	9 58	1 24	15 42	1 1	12 21	2 17	8 28	0 46	14 53	1 44	6 57	13 13	22 56	22 52	16 41	15 45	2 13
W22	23 27	17 37	3 22	21 22	0 20	13 47	3 16	10 14	1 23	15 45	1 1	12 23	2 17	8 27	0 46	14 53	1 44	6 57	13 13	22 56	22 52	16 39	15 46	2 13
T 23	23 27	20 25	2 23	21 1	0 8	13 57	3 19	10 29	1 23	15 49	1 1	12 25	2 18	8 26	0 45	14 54	1 44	6 57	13 13	22 56	22 52	16 37	15 47	2 13
F 24	23 26	22 13	1 19	20 40	0s 4	14 7	3 21	10 45	1 23	15 52	1 1	12 26	2 18	8 26	0 45	14 54	1 44	6 57	13 13	22 56	22 51	16 35	15 47	2 13
S 25	23 24	22 55	0 13	20 18	0 17	14 18	3 23	11 0	1 23	15 55	1 1	12 28	2 18	8 25	0 45	14 54	1 44	6 57	13 13	22 56	22 51	16 33	15 48	2 14
S 26	23 23	22 33	0s54	19 58	0 31	14 29	3 24	11 15	1 22	15 59	1 1	12 29	2 18	8 24	0 45	14 55	1 44	6 57	13 13	22 56	22 51	16 31	15 49	2 14
M27	23 21	21 8	1 57	19 37	0 45	14 40	3 26	11 30	1 22	16 2	1 1	12 31	2 18	8 23	0 45	14 55	1 44	6 58	13 13	22 56	22 50	16 29	15 50	2 14
T 28	23 18	18 48	2 55	19 17	0 59	14 52	3 27	11 45	1 21	16 5	1 1	12 32	2 18	8 22	0 45	14 56	1 44	6 58	13 13	22 56	22 50	16 27	15 50	2 14
W29	23 15	15 42	3 45	18 57	1 14	15 3	3 28	11 59	1 21	16 8	1 1	12 34	2 19	8 22	0 45	14 56	1 44	6 58	13 14	22 55	22 50	16 25	15 51	2 14
T 30	23n12	11n58	4s25	18n38	1s29	15n15	3s29	12n14	1s21	16n11	1s 1	12n35	2s19	8n21	0n45	14n57	1s44	6n58	13s14	22s55	22s50	16n23	15n52	2s14

Julian Day Number = 2408232.5, Delta T = -3.75 sec
Ecliptic obliquity = 23°27'15, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°05'03, Lahiri = 22°12'04

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ASTRODIENST EPHEMERIS for the year 1881
geocentric

JULY 1881 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 36 44	9♋14'31	27♘22	0♘42	24♉10	6♉38	18♉ 4	9♉58	10♍30	15♉56	28♉45	18°R 2	17♐ 1	1♘24	21♉ 4	F 1
S 2	18 40 41	10°11'43	9♍19	0°55	25° 2	7°21	18°15	10° 3	10°32	15°57	28°46	17♐59	16°58	1°31	21° 7	S 2
S 3	18 44 37	11° 8'56	21°26	1° 3	25°54	8° 4	18°27	10° 8	10°35	15°59	28°47	17°57	16°55	1°38	21°10	S 3
M 4	18 48 34	12° 6'08	3♎45	1°R 6	26°46	8°46	18°38	10°13	10°37	16° 0	28°48	17°56	16°52	1°44	21°13	M 4
T 5	18 52 30	13° 3'20	16°21	1° 5	27°39	9°29	18°49	10°18	10°39	16° 2	28°49	17°D55	16°49	1°51	21°16	T 5
W 6	18 56 27	14° 0'31	29°18	0°58	28°33	10°12	19° 0	10°22	10°42	16° 3	28°50	17°56	16°46	1°58	21°19	W 6
T 7	19 0 23	14°57'43	12♏40	0°48	29°27	10°54	19°11	10°27	10°44	16° 4	28°51	17°57	16°42	2° 4	21°22	T 7
F 8	19 4 20	15°54'54	26°27	0°32	0♊22	11°36	19°21	10°32	10°47	16° 6	28°52	17°59	16°39	2°11	21°25	F 8
S 9	19 8 16	16°52'06	10♐42	0°13	1°18	12°19	19°32	10°36	10°49	16° 7	28°53	18°R 0	16°36	2°18	21°28	S 9
S 10	19 12 13	17°49'17	25°22	29♋49	2°13	13° 1	19°43	10°41	10°52	16° 8	28°54	18° 0	16°33	2°24	21°31	S 10
M11	19 16 10	18°46'29	10♑21	29°21	3°10	13°43	19°53	10°45	10°55	16°10	28°55	17°58	16°30	2°31	21°33	M11
T 12	19 20 6	19°43'41	25°32	28°50	4° 6	14°25	20° 4	10°49	10°57	16°11	28°56	17°56	16°26	2°38	21°36	T 12
W13	19 24 3	20°40'53	10♒46	28°16	5° 3	15° 7	20°14	10°54	11° 0	16°12	28°57	17°52	16°23	2°45	21°39	W13
T 14	19 27 59	21°38'06	25°51	27°39	6° 1	15°48	20°24	10°58	11° 3	16°13	28°57	17°47	16°20	2°51	21°41	T 14
F 15	19 31 56	22°35'19	10♓40	27° 1	6°59	16°30	20°34	11° 2	11° 5	16°14	28°58	17°42	16°17	2°58	21°44	F 15
S 16	19 35 52	23°32'32	25° 6	26°21	7°57	17°12	20°44	11° 6	11° 8	16°16	28°59	17°39	16°14	3° 5	21°46	S 16
S 17	19 39 49	24°29'46	9♈ 4	25°40	8°56	17°53	20°54	11°10	11°11	16°17	29° 0	17°36	16°11	3°11	21°49	S 17
M18	19 43 46	25°27'01	22°36	24°59	9°55	18°35	21° 4	11°13	11°14	16°18	29° 1	17°D35	16° 7	3°18	21°51	M18
T 19	19 47 42	26°24'17	5♉42	24°19	10°55	19°16	21°13	11°17	11°17	16°19	29° 2	17°35	16° 4	3°25	21°54	T 19
W20	19 51 39	27°21'34	18°26	23°41	11°54	19°57	21°23	11°21	11°20	16°20	29° 2	17°37	16° 1	3°31	21°56	W20
T 21	19 55 35	28°18'52	0♊52	23° 4	12°55	20°38	21°32	11°24	11°23	16°21	29° 3	17°38	15°58	3°38	21°58	T 21
F 22	19 59 32	29°16'10	13° 4	22°31	13°55	21°19	21°41	11°28	11°26	16°22	29° 4	17°R39	15°55	3°45	22° 0	F 22
S 23	20 3 28	0♘13'29	25° 6	22° 1	14°56	22° 0	21°51	11°31	11°29	16°23	29° 5	17°39	15°52	3°51	22° 3	S 23
S 24	20 7 25	1°10'49	7♋ 1	21°35	15°57	22°41	22° 0	11°34	11°32	16°23	29° 5	17°37	15°48	3°58	22° 5	S 24
M25	20 11 21	2° 8'10	18°51	21°14	16°59	23°22	22° 8	11°37	11°35	16°24	29° 6	17°33	15°45	4° 5	22° 7	M25
T 26	20 15 18	3° 5'31	0♘41	20°57	18° 0	24° 2	22°17	11°40	11°38	16°25	29° 7	17°27	15°42	4°11	22° 9	T 26
W27	20 19 15	4° 2'54	12°31	20°46	19° 2	24°43	22°26	11°43	11°41	16°26	29° 8	17°19	15°39	4°18	22°11	W27
T 28	20 23 11	5° 0'17	24°23	20°D41	20° 5	25°23	22°34	11°46	11°44	16°27	29° 8	17°10	15°36	4°25	22°12	T 28
F 29	20 27 8	5°57'40	6♍19	20°41	21° 7	26° 3	22°43	11°49	11°48	16°27	29° 9	17° 1	15°32	4°32	22°14	F 29
S 30	20 31 4	6°55'04	18°21	20°48	22°10	26°43	22°51	11°52	11°51	16°28	29° 9	16°53	15°29	4°38	22°16	S 30
S 31	20 35 1	7♘52'29	0♎32	21♋ 1	23♊13	27♉23	22♉59	11♉54	11♍54	16♉29	29♉10	16♐46	15♐26	4♘45	22♉18	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 8	7n47	4s54	18n19	1s44	15n26	3s29	12n28	1s20	16n14	1s 1	12n37	2s19	8n20	0n45	14n57	1s45	6n58	13s14	22s55	22s49	16n21	15n52	2s15
S 2	23 4	3 16	5 11	18 2	1 59	15 38	3 30	12 43	1 20	16 18	1 1	12 38	2 19	8 19	0 45	14 57	1 45	6 58	13 14	22 55	22 49	16 18	15 53	2 15
S 3	22 59	1s25	5 14	17 45	2 15	15 50	3 30	12 57	1 20	16 21	1 1	12 40	2 19	8 18	0 45	14 58	1 45	6 58	13 14	22 54	22 49	16 16	15 53	2 15
M 4	22 54	6 7	5 3	17 29	2 30	16 2	3 30	13 11	1 19	16 24	1 2	12 41	2 20	8 17	0 45	14 58	1 45	6 58	13 14	22 54	22 48	16 14	15 54	2 15
T 5	22 49	10 41	4 37	17 15	2 45	16 14	3 30	13 25	1 19	16 27	1 2	12 42	2 20	8 16	0 45	14 58	1 45	6 58	13 14	22 54	22 48	16 12	15 55	2 15
W 6	22 43	14 55	3 56	17 1	3 0	16 26	3 30	13 39	1 18	16 29	1 2	12 44	2 20	8 15	0 45	14 59	1 45	6 58	13 15	22 54	22 48	16 10	15 55	2 16
T 7	22 37	18 32	3 2	16 49	3 15	16 38	3 30	13 52	1 18	16 32	1 2	12 45	2 20	8 14	0 45	14 59	1 45	6 58	13 15	22 54	22 47	16 8	15 56	2 16
F 8	22 30	21 15	1 56	16 38	3 29	16 50	3 29	14 6	1 17	16 35	1 2	12 46	2 20	8 13	0 45	14 59	1 45	6 58	13 15	22 55	22 47	16 6	15 56	2 16
S 9	22 23	22 43	0 40	16 29	3 43	17 1	3 29	14 19	1 17	16 38	1 2	12 47	2 21	8 12	0 45	15 0	1 45	6 58	13 15	22 55	22 47	16 4	15 57	2 16
S 10	22 16	22 42	0n40	16 21	3 56	17 13	3 28	14 32	1 16	16 41	1 2	12 48	2 21	8 11	0 45	15 0	1 45	6 58	13 15	22 55	22 46	16 2	15 57	2 16
M11	22 8	21 4	1 59	16 15	4 8	17 25	3 27	14 45	1 16	16 43	1 2	12 50	2 21	8 10	0 45	15 0	1 45	6 58	13 15	22 55	22 46	16 0	15 58	2 17
T 12	22 0	17 55	3 11	16 11	4 19	17 36	3 26	14 58	1 15	16 46	1 2	12 51	2 21	8 9	0 45	15 1	1 45	6 58	13 16	22 54	22 46	15 58	15 58	2 17
W13	21 52	13 33	4 9	16 8	4 29	17 48	3 25	15 11	1 15	16 49	1 2	12 52	2 21	8 8	0 45	15 1	1 45	6 58	13 16	22 54	22 45	15 56	15 59	2 17
T 14	21 43	8 22	4 49	16 6	4 37	17 59	3 23	15 24	1 14	16 51	1 2	12 53	2 22	8 7	0 45	15 1	1 45	6 58	13 16	22 54	22 45	15 54	15 59	2 17
F 15	21 34	2 48	5 9	16 7	4 45	18 10	3 22	15 36	1 14	16 54	1 3	12 54	2 22	8 6	0 45	15 2	1 45	6 58	13 16	22 53	22 45	15 51	16 0	2 17
S 16	21 24	2n47	5 9	16 9	4 50	18 21	3 20	15 48	1 13	16 56	1 3	12 55	2 22	8 5	0 45	15 2	1 45	6 58	13 16	22 53	22 44	15 49	16 0	2 18
S 17	21 14	8 3	4 50	16 12	4 54	18 32	3 19	16 1	1 13	16 59	1 3	12 56	2 22	8 4	0 45	15 2	1 45	6 58	13 17	22 53	22 44	15 47	16 1	2 18
M18	21 4	12 45	4 16	16 17	4 56	18 42	3 17	16 13	1 12	17 1	1 3	12 57	2 22	8 3	0 45	15 2	1 45	6 58	13 17	22 52	22 44	15 45	16 1	2 18
T 19	20 53	16 42	3 28	16 24	4 57	18 52	3 15	16 24	1 11	17 4	1 3	12 58	2 23	8 2	0 45	15 3	1 45	6 58	13 17	22 52	22 43	15 43	16 1	2 18
W20	20 42	19 46	2 32	16 31	4 56	19 2	3 13	16 36	1 11	17 6	1 3	12 59	2 23	8 0	0 45	15 3	1 45	6 58	13 17	22 53	22 43	15 41	16 2	2 19
T 21	20 31	21 49	1 30	16 40	4 53	19 12	3 11	16 48	1 10	17 9	1 3	13 0	2 23	7 59	0 45	15 3	1 46	6 58	13 17	22 53	22 43	15 39	16 2	2 19
F 22	20 19	22 48	0 25	16 50	4 48	19 22	3 9	16 59	1 10	17 11	1 3	13 0	2 23	7 58	0 45	15 3	1 46	6 58	13 18	22 53	22 43	15 37	16 2	2 19
S 23	20 7	22 41	0s40	17 1	4 42	19 31	3 6	17 10	1 9	17 13	1 3	13 1	2 24	7 57	0 45	15 3	1 46	6 58	13 18	22 53	22 42	15 35	16 3	2 19
S 24	19 54	21 33	1 43	17 12	4 35	19 40	3 4	17 21	1 8	17 15	1 3	13 2	2 24	7 56	0 44	15 4	1 46	6 58	13 18	22 53	22 42	15 33	16 3	2 19
M25	19 42	19 28	2 41	17 24	4 25	19 48	3 2	17 32	1 8	17 17	1 4	13 3	2 24	7 55	0 44	15 4	1 46	6 58	13 18	22 52	22 41	15 30	16 3	2 20
T 26	19 29	16 35	3 31	17 37	4 15	19 56	2 59	17 43	1 7	17 20	1 4	13 3	2 24	7 53	0 44	15 4	1 46	6 58	13 18	22 52	22 41	15 28	16 4	2 20
W27	19 15	13 1	4 13	17 50	4 4	20 4	2 56	17 53	1 6	17 22	1 4	13 4	2 24	7 52	0 44	15 4	1 46	6 58	13 19	22 51	22 41	15 26	16 4	2 20
T 28	19 2	8 57	4 43	18 3	3 51	20 12	2 54	18 3	1 6	17 24	1 4	13 5	2 25	7 51	0 44	15 4	1 46	6 58	13 19	22 50	22 40	15 24	16 4	2 20
F 29	18 48	4 32	5 1	18 16	3 38	20 19	2 51	18 14	1 5	17 26	1 4	13 5	2 25	7 50	0 44	15 5	1 46	6 58	13 19	22 49	22 40	15 22	16 4	2 21
S 30	18 33	0s 6	5 7	18 29	3 24	20 26	2 48	18 23	1 4	17 28	1 4	13 6	2 25	7 48	0 44	15 5	1 46	6 58	13 19	22 48	22 40	15 20	16 5	2 21
S 31	18n19	4s46	4s58	18n42	3s 9	20n32	2s45	18n33	1s 4	17n30	1s 4	13n 7	2s25	7n47	0n44	15n 5	1s46	6n57	13s19	22s48	22s39	15n18	16n 5	2s21

Julian Day Number = 2408262.5, Delta T = -3.77 sec
Ecliptic obliquity = 23°27'14, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°05'07, Lahiri = 22°12'08

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ASTRODIENST EPHEMERIS for the year 1881
geocentric

AUGUST 1881 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 38 57	8♌49'55	12♎53	21♋21	24♊17	28♉ 3	23♉ 7	11♉57	11♍57	16♉29	29♉11	16°R40	15♐23	4♌52	22♉19	M 1
T 2	20 42 54	9°47'21	25°29	21°47	25°20	28°43	23°15	11°59	12° 1	16°30	29°11	16♐37	15°20	4°58	22°21	T 2
W 3	20 46 50	10°44'48	8♏22	22°19	26°24	29°22	23°22	12° 2	12° 4	16°31	29°12	16°D36	15°17	5° 5	22°23	W 3
T 4	20 50 47	11°42'16	21°36	22°58	27°28	0♊ 2	23°30	12° 4	12° 7	16°31	29°12	16°36	15°13	5°12	22°24	T 4
F 5	20 54 44	12°39'45	5♐15	23°43	28°32	0°41	23°37	12° 6	12°11	16°32	29°13	16°37	15°10	5°18	22°26	F 5
S 6	20 58 40	13°37'14	19°20	24°35	29°37	1°20	23°44	12° 8	12°14	16°32	29°13	16°R38	15° 7	5°25	22°27	S 6
S 7	21 2 37	14°34'44	3♑51	25°32	0♋41	1°59	23°52	12°10	12°18	16°33	29°14	16°37	15° 4	5°32	22°28	S 7
M 8	21 6 33	15°32'15	18°44	26°36	1°46	2°38	23°58	12°11	12°21	16°33	29°14	16°33	15° 1	5°38	22°30	M 8
T 9	21 10 30	16°29'47	3♒54	27°46	2°52	3°17	24° 5	12°13	12°25	16°33	29°15	16°27	14°58	5°45	22°31	T 9
W10	21 14 26	17°27'20	19°11	29° 1	3°57	3°56	24°12	12°15	12°28	16°34	29°15	16°20	14°54	5°52	22°32	W10
T 11	21 18 23	18°24'54	4♓23	0♌22	5° 2	4°34	24°18	12°16	12°32	16°34	29°15	16°11	14°51	5°59	22°33	T 11
F 12	21 22 19	19°22'29	19°22	1°48	6° 8	5°13	24°25	12°18	12°35	16°34	29°16	16° 2	14°48	6° 5	22°34	F 12
S 13	21 26 16	20°20'06	3♈58	3°18	7°14	5°51	24°31	12°19	12°39	16°34	29°16	15°54	14°45	6°12	22°35	S 13
S 14	21 30 13	21°17'44	18° 5	4°53	8°20	6°29	24°37	12°20	12°42	16°35	29°16	15°47	14°42	6°19	22°36	S 14
M15	21 34 9	22°15'23	1♉43	6°33	9°27	7° 7	24°43	12°21	12°46	16°35	29°17	15°43	14°38	6°25	22°37	M15
T 16	21 38 6	23°13'05	14°52	8°16	10°33	7°45	24°48	12°22	12°49	16°35	29°17	15°42	14°35	6°32	22°37	T 16
W17	21 42 2	24°10'48	27°36	10° 3	11°40	8°22	24°54	12°23	12°53	16°35	29°17	15°D41	14°32	6°39	22°38	W17
T 18	21 45 59	25° 8'32	9♊59	11°52	12°47	9° 0	24°59	12°24	12°57	16°35	29°18	15°R42	14°29	6°45	22°39	T 18
F 19	21 49 55	26° 6'19	22° 6	13°45	13°54	9°37	25° 4	12°24	13° 0	16°35	29°18	15°42	14°26	6°52	22°39	F 19
S 20	21 53 52	27° 4'06	4♋ 3	15°39	15° 1	10°14	25° 9	12°25	13° 4	16°R35	29°18	15°40	14°23	6°59	22°40	S 20
S 21	21 57 48	28° 1'56	15°54	17°35	16° 8	10°51	25°14	12°25	13° 8	16°35	29°18	15°36	14°19	7° 5	22°40	S 21
M22	22 1 45	28°59'47	27°43	19°32	17°16	11°28	25°19	12°26	13°11	16°35	29°18	15°30	14°16	7°12	22°41	M22
T 23	22 5 42	29°57'40	9♌32	21°30	18°23	12° 5	25°23	12°26	13°15	16°35	29°19	15°21	14°13	7°19	22°41	T 23
W24	22 9 38	0♍55'34	21°25	23°29	19°31	12°41	25°27	12°26	13°19	16°35	29°19	15° 9	14°10	7°26	22°41	W24
T 25	22 13 35	1°53'30	3♍23	25°29	20°39	13°18	25°32	12°R26	13°22	16°35	29°19	14°56	14° 7	7°32	22°42	T 25
F 26	22 17 31	2°51'27	15°27	27°28	21°47	13°54	25°36	12°26	13°26	16°35	29°19	14°42	14° 3	7°39	22°42	F 26
S 27	22 21 28	3°49'26	27°39	29°27	22°56	14°30	25°39	12°26	13°30	16°34	29°19	14°29	14° 0	7°46	22°42	S 27
S 28	22 25 24	4°47'26	9♎59	1♍26	24° 4	15° 6	25°43	12°25	13°34	16°34	29°19	14°18	13°57	7°52	22°R42	S 28
M29	22 29 21	5°45'28	22°30	3°24	25°13	15°41	25°46	12°25	13°37	16°34	29°R19	14°10	13°54	7°59	22°42	M29
T 30	22 33 17	6°43'31	5♏12	5°21	26°21	16°17	25°49	12°24	13°41	16°33	29°19	14° 4	13°51	8° 6	22°42	T 30
W31	22 37 14	7♍41'36	18♏ 8	7♍18	27♋30	16♊52	25♉52	12♉24	13♍45	16♉33	29♉19	14♐ 1	13♐48	8♌12	22♉42	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n 4	9s19	4s35	18n54	2s53	20n38	2s42	18n43	1s 3	17n31	1s 4	13n 7	2s26	7n46	0n44	15n 5	1s46	6n57	13s20	22s47	22s39	15n16	16n 5	2s21
T 2	17 48	13 34	3 59	19 6	2 38	20 44	2 39	18 52	1 2	17 33	1 5	13 8	2 26	7 45	0 44	15 5	1 46	6 57	13 20	22 47	22 39	15 13	16 5	2 22
W 3	17 33	17 18	3 10	19 16	2 22	20 49	2 36	19 2	1 1	17 35	1 5	13 8	2 26	7 43	0 44	15 5	1 46	6 57	13 20	22 47	22 38	15 11	16 5	2 22
T 4	17 17	20 16	2 10	19 26	2 6	20 53	2 32	19 11	1 1	17 37	1 5	13 9	2 26	7 42	0 44	15 5	1 46	6 57	13 20	22 47	22 38	15 9	16 6	2 22
F 5	17 1	22 11	1 1	19 34	1 50	20 58	2 29	19 20	1 0	17 39	1 5	13 9	2 27	7 41	0 44	15 5	1 46	6 57	13 21	22 47	22 38	15 7	16 6	2 22
S 6	16 45	22 47	0n15	19 41	1 34	21 2	2 26	19 29	0 59	17 40	1 5	13 9	2 27	7 39	0 44	15 5	1 46	6 57	13 21	22 47	22 37	15 5	16 6	2 22
S 7	16 28	21 53	1 31	19 46	1 18	21 5	2 22	19 37	0 58	17 42	1 5	13 10	2 27	7 38	0 44	15 5	1 47	6 57	13 21	22 47	22 37	15 3	16 6	2 23
M 8	16 11	19 27	2 43	19 50	1 2	21 8	2 19	19 46	0 57	17 43	1 5	13 10	2 27	7 37	0 44	15 6	1 47	6 56	13 21	22 46	22 37	15 1	16 6	2 23
T 9	15 54	15 39	3 45	19 52	0 47	21 10	2 15	19 54	0 57	17 45	1 5	13 10	2 27	7 35	0 44	15 6	1 47	6 56	13 22	22 46	22 36	14 58	16 6	2 23
W10	15 37	10 47	4 31	19 51	0 32	21 12	2 12	20 2	0 56	17 46	1 6	13 11	2 28	7 34	0 44	15 6	1 47	6 56	13 22	22 45	22 36	14 56	16 6	2 23
T 11	15 19	5 17	4 58	19 48	0 17	21 13	2 8	20 10	0 55	17 48	1 6	13 11	2 28	7 33	0 44	15 6	1 47	6 56	13 22	22 44	22 36	14 54	16 6	2 24
F 12	15 1	0n26	5 3	19 43	0 3	21 14	2 5	20 18	0 54	17 49	1 6	13 11	2 28	7 31	0 44	15 6	1 47	6 56	13 22	22 43	22 35	14 52	16 6	2 24
S 13	14 43	6 0	4 49	19 35	0n10	21 15	2 1	20 25	0 53	17 51	1 6	13 11	2 28	7 30	0 44	15 6	1 47	6 56	13 23	22 42	22 35	14 50	16 6	2 24
S 14	14 25	11 4	4 17	19 25	0 22	21 14	1 57	20 33	0 52	17 52	1 6	13 11	2 29	7 28	0 44	15 6	1 47	6 55	13 23	22 42	22 35	14 48	16 6	2 24
M15	14 6	15 23	3 32	19 12	0 34	21 14	1 54	20 40	0 51	17 53	1 6	13 11	2 29	7 27	0 44	15 6	1 47	6 55	13 23	22 41	22 34	14 45	16 6	2 25
T 16	13 47	18 48	2 36	18 56	0 45	21 13	1 50	20 47	0 51	17 54	1 6	13 11	2 29	7 26	0 44	15 6	1 47	6 55	13 23	22 41	22 34	14 43	16 6	2 25
W17	13 28	21 10	1 35	18 37	0 55	21 11	1 46	20 54	0 50	17 56	1 6	13 11	2 29	7 24	0 44	15 6	1 47	6 55	13 24	22 41	22 33	14 41	16 6	2 25
T 18	13 9	22 28	0 30	18 16	1 4	21 9	1 42	21 1	0 49	17 57	1 7	13 11	2 30	7 23	0 44	15 6	1 47	6 55	13 24	22 41	22 33	14 39	16 6	2 25
F 19	12 49	22 39	0s34	17 52	1 12	21 6	1 38	21 7	0 48	17 58	1 7	13 11	2 30	7 21	0 44	15 6	1 47	6 55	13 24	22 41	22 33	14 37	16 6	2 26
S 20	12 30	21 48	1 36	17 25	1 20	21 2	1 35	21 14	0 47	17 59	1 7	13 11	2 30	7 20	0 44	15 5	1 47	6 54	13 24	22 41	22 32	14 35	16 6	2 26
S 21	12 10	19 58	2 33	16 56	1 26	20 59	1 31	21 20	0 46	18 0	1 7	13 11	2 30	7 19	0 44	15 5	1 47	6 54	13 25	22 41	22 32	14 32	16 6	2 26
M22	11 50	17 19	3 23	16 25	1 31	20 54	1 27	21 26	0 45	18 1	1 7	13 11	2 31	7 17	0 44	15 5	1 47	6 54	13 25	22 40	22 32	14 30	16 6	2 26
T 23	11 30	13 57	4 5	15 51	1 36	20 49	1 23	21 32	0 44	18 2	1 7	13 11	2 31	7 16	0 44	15 5	1 47	6 54	13 25	22 39	22 31	14 28	16 5	2 27
W24	11 9	10 1	4 35	15 16	1 40	20 44	1 19	21 37	0 43	18 3	1 7	13 11	2 31	7 14	0 44	15 5	1 48	6 53	13 25	22 38	22 31	14 26	16 5	2 27
T 25	10 48	5 42	4 54	14 39	1 43	20 37	1 15	21 43	0 42	18 4	1 8	13 10	2 31	7 13	0 44	15 5	1 48	6 53	13 26	22 36	22 30	14 24	16 5	2 27
F 26	10 28	1 7	5 0	14 0	1 45	20 31	1 11	21 48	0 41	18 4	1 8	13 10	2 32	7 11	0 44	15 5	1 48	6 53	13 26	22 35	22 30	14 22	16 5	2 27
S 27	10 7	3s32	4 53	13 19	1 46	20 24	1 8	21 54	0 40	18 5	1 8	13 10	2 32	7 10	0 44	15 5	1 48	6 53	13 26	22 33	22 30	14 19	16 5	2 28
S 28	9 46	8 7	4 31	12 38	1 46	20 16	1 4	21 59	0 39	18 6	1 8	13 10	2 32	7 9	0 44	15 5	1 48	6 53	13 26	22 32	22 29	14 17	16 4	2 28
M29	9 24	12 25	3 57	11 55	1 46	20 8	1 0	22 4	0 38	18 6	1 8	13 9	2 32	7 7	0 44	15 5	1 48	6 52	13 27	22 31	22 29	14 15	16 4	2 28
T 30	9 3	16 14	3 10	11 11	1 45	19 59	0 56	22 8	0 37	18 7	1 8	13 9	2 33	7 6	0 44	15 4	1 48	6 52	13 27	22 30	22 29	14 13	16 4	2 28
W31	8n41	19s21	2s12	10n27	1n44	19n49	0s52	22n13	0s36	18n 8	1s 8	13n 8	2s33	7n 4	0n44	15n 4	1s48	6n52	13s27	22s30	22s28	14n11	16n 4	2s29

Julian Day Number = 2408293.5, Delta T = -3.80 sec
Ecliptic obliquity = 23°27'15, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°05'12, Lahiri = 22°12'12

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ASTRODIENST EPHEMERIS for the year 1881
geocentric

SEPTEMBER 1881 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 41 10	8♍39'42	1♐21	9♍13	28♋39	17♊27	25♉55	12°R23	13♍49	16°R33	29°R19	14°R 0	13♐44	8♌19	22°R41	T 1
F 2	22 45 7	9°37'49	14°53	11° 8	29°48	18° 2	25°58	12♉22	13°52	16♉32	29♉19	14♐ 0	13°41	8°26	22♉41	F 2
S 3	22 49 4	10°35'58	28°47	13° 2	0♌58	18°36	26° 0	12°21	13°56	16°32	29°19	13°59	13°38	8°33	22°41	S 3
S 4	22 53 0	11°34'09	13♎ 4	14°54	2° 7	19°11	26° 2	12°20	14° 0	16°31	29°19	13°58	13°35	8°39	22°40	S 4
M 5	22 56 57	12°32'20	27°41	16°46	3°16	19°45	26° 5	12°19	14° 4	16°31	29°18	13°53	13°32	8°46	22°40	M 5
T 6	23 0 53	13°30'34	12♒36	18°36	4°26	20°19	26° 6	12°18	14° 8	16°30	29°18	13°46	13°29	8°53	22°39	T 6
W 7	23 4 50	14°28'49	27°40	20°25	5°36	20°53	26° 8	12°16	14°11	16°30	29°18	13°37	13°25	8°59	22°39	W 7
T 8	23 8 46	15°27'05	12♓44	22°13	6°46	21°27	26° 9	12°15	14°15	16°29	29°18	13°26	13°22	9° 6	22°38	T 8
F 9	23 12 43	16°25'23	27°38	24° 0	7°56	22° 0	26°11	12°13	14°19	16°29	29°18	13°15	13°19	9°13	22°37	F 9
S 10	23 16 39	17°23'43	12♈13	25°46	9° 6	22°33	26°12	12°12	14°23	16°28	29°17	13° 4	13°16	9°19	22°37	S 10
S 11	23 20 36	18°22'05	26°23	27°30	10°16	23° 6	26°13	12°10	14°26	16°27	29°17	12°56	13°13	9°26	22°36	S 11
M12	23 24 33	19°20'30	10♉ 5	29°14	11°26	23°39	26°13	12° 8	14°30	16°26	29°17	12°50	13° 9	9°33	22°35	M12
T 13	23 28 29	20°18'56	23°18	0♎56	12°37	24°11	26°14	12° 6	14°34	16°26	29°17	12°47	13° 6	9°39	22°34	T 13
W14	23 32 26	21°17'25	6♊ 5	2°37	13°47	24°43	26°14	12° 4	14°38	16°25	29°16	12°46	13° 3	9°46	22°33	W14
T 15	23 36 22	22°15'55	18°30	4°18	14°58	25°15	26°R14	12° 2	14°41	16°24	29°16	12°46	13° 0	9°53	22°32	T 15
F 16	23 40 19	23°14'28	0♋39	5°57	16° 9	25°47	26°14	12° 0	14°45	16°23	29°16	12°46	12°57	10° 0	22°31	F 16
S 17	23 44 15	24°13'03	12°36	7°35	17°20	26°19	26°14	11°57	14°49	16°22	29°15	12°45	12°54	10° 6	22°30	S 17
S 18	23 48 12	25°11'40	24°26	9°12	18°31	26°50	26°13	11°55	14°53	16°22	29°15	12°41	12°50	10°13	22°28	S 18
M19	23 52 8	26°10'20	6♌16	10°48	19°42	27°21	26°12	11°52	14°56	16°21	29°14	12°35	12°47	10°20	22°27	M19
T 20	23 56 5	27° 9'01	18° 7	12°24	20°53	27°52	26°11	11°50	15° 0	16°20	29°14	12°27	12°44	10°26	22°26	T 20
W21	0 0 2	28° 7'45	0♍ 5	13°58	22° 5	28°22	26°10	11°47	15° 4	16°19	29°14	12°16	12°41	10°33	22°24	W21
T 22	0 3 58	29° 6'31	12°11	15°31	23°16	28°52	26° 9	11°44	15° 8	16°18	29°13	12° 3	12°38	10°40	22°23	T 22
F 23	0 7 55	0♎ 5'18	24°26	17° 3	24°28	29°22	26° 7	11°41	15°11	16°17	29°13	11°50	12°35	10°46	22°21	F 23
S 24	0 11 51	1° 4'08	6♎51	18°35	25°39	29°52	26° 6	11°38	15°15	16°16	29°12	11°37	12°31	10°53	22°19	S 24
S 25	0 15 48	2° 3'00	19°27	20° 5	26°51	0♋21	26° 4	11°35	15°19	16°14	29°12	11°26	12°28	11° 0	22°18	S 25
M26	0 19 44	3° 1'54	2♏14	21°34	28° 3	0°50	26° 2	11°32	15°22	16°13	29°11	11°18	12°25	11° 7	22°16	M26
T 27	0 23 41	4° 0'49	15°11	23° 3	29°15	1°18	25°59	11°29	15°26	16°12	29°10	11°13	12°22	11°13	22°14	T 27
W28	0 27 37	4°59'47	28°21	24°30	0♍27	1°47	25°57	11°26	15°30	16°11	29°10	11°10	12°19	11°20	22°12	W28
T 29	0 31 34	5°58'46	11♐42	25°57	1°39	2°15	25°54	11°22	15°33	16°10	29° 9	11°D 9	12°15	11°27	22°11	T 29
F 30	0 35 31	6♎57'47	25♐18	27♎22	2♍51	2♋42	25♉51	11♉19	15♍37	16♉ 9	29♉ 9	11♐10	12♐12	11♌33	22♉ 9	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	8n20	21s32	1s 6	9n41	1n42	19n39	0s48	22n17	0s34	18n 8	1s 9	13n 8	2s33	7n 3	0n44	15n 4	1s48	6n52	13s27	22s30	22s28	14n 8	16n 3	2s29	T 1
F 2	7 58	22 31	0n 5	8 56	1 39	19 29	0 44	22 22	0 33	18 9	1 9	13 8	2 33	7 1	0 44	15 4	1 48	6 51	13 28	22 30	22 27	14 6	16 3	2 29	F 2
S 3	7 36	22 10	1 17	8 9	1 36	19 18	0 40	22 26	0 32	18 9	1 9	13 7	2 33	7 0	0 44	15 4	1 48	6 51	13 28	22 30	22 27	14 4	16 3	2 29	S 3
S 4	7 14	20 22	2 27	7 23	1 33	19 6	0 37	22 30	0 31	18 9	1 9	13 6	2 34	6 58	0 44	15 4	1 48	6 51	13 28	22 29	22 27	14 2	16 2	2 30	S 4
M 5	6 52	17 13	3 29	6 36	1 29	18 54	0 33	22 34	0 30	18 10	1 9	13 6	2 34	6 57	0 44	15 3	1 48	6 51	13 28	22 29	22 26	14 0	16 2	2 30	M 5
T 6	6 29	12 55	4 18	5 49	1 25	18 42	0 29	22 37	0 29	18 10	1 9	13 5	2 34	6 56	0 44	15 3	1 48	6 50	13 28	22 28	22 26	13 57	16 2	2 30	T 6
W 7	6 7	7 46	4 49	5 1	1 20	18 28	0 25	22 41	0 27	18 10	1 9	13 5	2 34	6 54	0 44	15 3	1 48	6 50	13 29	22 27	22 25	13 55	16 1	2 30	W 7
T 8	5 44	2 10	5 0	4 14	1 15	18 15	0 22	22 44	0 26	18 11	1 10	13 4	2 35	6 53	0 44	15 3	1 48	6 50	13 29	22 26	22 25	13 53	16 1	2 31	T 8
F 9	5 22	3n30	4 51	3 27	1 10	18 0	0 18	22 48	0 25	18 11	1 10	13 3	2 35	6 51	0 44	15 3	1 48	6 49	13 29	22 24	22 25	13 51	16 0	2 31	F 9
S 10	4 59	8 52	4 23	2 40	1 4	17 46	0 14	22 51	0 24	18 11	1 10	13 3	2 35	6 50	0 44	15 2	1 48	6 49	13 29	22 23	22 24	13 49	16 0	2 31	S 10
S 11	4 36	13 35	3 39	1 53	0 58	17 31	0 11	22 54	0 23	18 11	1 10	13 2	2 35	6 48	0 44	15 2	1 49	6 49	13 30	22 22	22 24	13 46	15 59	2 31	S 11
M12	4 13	17 26	2 44	1 6	0 52	17 15	0 7	22 57	0 21	18 11	1 10	13 1	2 35	6 47	0 44	15 2	1 49	6 49	13 30	22 21	22 24	13 44	15 59	2 32	M12
T 13	3 50	20 14	1 41	0 20	0 46	16 59	0 3	23 0	0 20	18 11	1 10	13 0	2 36	6 45	0 44	15 2	1 49	6 48	13 30	22 21	22 23	13 42	15 59	2 32	T 13
W14	3 27	21 55	0 35	0s27	0 39	16 42	0n 0	23 2	0 19	18 11	1 10	13 0	2 36	6 44	0 44	15 1	1 49	6 48	13 30	22 21	22 23	13 40	15 58	2 32	W14
T 15	3 4	22 27	0s30	1 13	0 33	16 25	0 4	23 5	0 17	18 11	1 11	12 59	2 36	6 42	0 44	15 1	1 49	6 48	13 31	22 21	22 22	13 38	15 58	2 32	T 15
F 16	2 41	21 54	1 33	1 58	0 26	16 7	0 7	23 7	0 16	18 11	1 11	12 58	2 36	6 41	0 44	15 1	1 49	6 47	13 31	22 21	22 22	13 35	15 57	2 33	F 16
S 17	2 18	20 21	2 31	2 43	0 19	15 49	0 10	23 9	0 15	18 10	1 11	12 57	2 36	6 40	0 44	15 0	1 49	6 47	13 31	22 20	22 22	13 33	15 56	2 33	S 17
S 18	1 55	17 56	3 22	3 28	0 12	15 30	0 14	23 12	0 13	18 10	1 11	12 56	2 37	6 38	0 44	15 0	1 49	6 47	13 31	22 20	22 21	13 31	15 56	2 33	S 18
M19	1 31	14 47	4 3	4 13	0 5	15 11	0 17	23 14	0 12	18 10	1 11	12 55	2 37	6 37	0 44	15 0	1 49	6 47	13 32	22 19	22 21	13 29	15 55	2 33	M19
T 20	1 8	11 3	4 35	4 56	0s 3	14 52	0 20	23 16	0 11	18 9	1 11	12 54	2 37	6 35	0 44	14 59	1 49	6 46	13 32	22 18	22 20	13 26	15 55	2 34	T 20
W21	0 45	6 51	4 54	5 40	0 10	14 32	0 24	23 17	0 9	18 9	1 11	12 53	2 37	6 34	0 44	14 59	1 49	6 46	13 32	22 17	22 20	13 24	15 54	2 34	W21
T 22	0 21	2 21	5 1	6 23	0 17	14 11	0 27	23 19	0 8	18 9	1 12	12 52	2 37	6 32	0 44	14 59	1 49	6 46	13 32	22 15	22 20	13 22	15 54	2 34	T 22
F 23	0s 2	2s17	4 54	7 5	0 25	13 51	0 30	23 21	0 6	18 8	1 12	12 51	2 38	6 31	0 44	14 58	1 49	6 45	13 32	22 13	22 19	13 20	15 53	2 34	F 23
S 24	0 26	6 54	4 33	7 47	0 32	13 30	0 33	23 22	0 5	18 8	1 12	12 50	2 38	6 30	0 44	14 58	1 49	6 45	13 33	22 12	22 19	13 17	15 52	2 34	S 24
S 25	0 49	11 17	3 58	8 28	0 40	13 8	0 36	23 24	0 3	18 7	1 12	12 49	2 38	6 28	0 44	14 58	1 49	6 45	13 33	22 10	22 18	13 15	15 52	2 35	S 25
M26	1 12	15 15	3 11	9 8	0 47	12 46	0 39	23 25	0 2	18 6	1 12	12 48	2 38	6 27	0 44	14 57	1 49	6 44	13 33	22 9	22 18	13 13	15 51	2 35	M26
T 27	1 36	18 32	2 13	9 48	0 54	12 24	0 42	23 27	0 0	18 6	1 12	12 47	2 38	6 25	0 44	14 57	1 49	6 44	13 33	22 8	22 17	13 11	15 50	2 35	T 27
W28	1 59	20 54	1 8	10 28	1 2	12 1	0 45	23 28	0n 1	18 5	1 12	12 45	2 38	6 24	0 44	14 57	1 49	6 44	13 33	22 8	22 17	13 8	15 50	2 35	W28
T 29	2 23	22 9	0n 3	11 6	1 9	11 38	0 47	23 29	0 3	18 4	1 12	12 44	2 39	6 23	0 44	14 56	1 49	6 43	13 34	22 8	22 17	13 6	15 49	2 36	T 29
F 30	2s46	22s 8	1n15	11s44	1s16	11n15	0n50	23n30	0n 4	18n 3	1s12	12n43	2s39	6n21	0n44	14n56	1s49	6n43	13s34	22s 8	22s16	13n 4	15n48	2s36	F 30

Julian Day Number = 2408324.5, Delta T = -3.83 sec
Ecliptic obliquity = 23°27'15, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°05'16, Lahiri = 22°12'16

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ASTRODIENST EPHEMERIS for the year 1881
geocentric

OCTOBER 1881 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 39 27	7♎56'50	9♉ 8	28♎47	4♍ 3	3♋10	25°R48	11°R15	15♍40	16°R 7	29°R 8	11°R10	12♐ 9	11♌40	22°R 7	S 1
S 2	0 43 24	8°55'54	23°14	0♏11	5°15	3°37	25♉44	11♉11	15°44	16♉ 6	29♉ 7	11♐ 9	12° 6	11°47	22♉ 5	S 2
M 3	0 47 20	9°55'01	7♒34	1°33	6°28	4° 3	25°41	11° 8	15°47	16° 5	29° 7	11° 6	12° 3	11°54	22° 3	M 3
T 4	0 51 17	10°54'09	22° 7	2°54	7°40	4°30	25°37	11° 4	15°51	16° 4	29° 6	11° 1	12° 0	12° 0	22° 0	T 4
W 5	0 55 13	11°53'18	6♓47	4°15	8°53	4°55	25°33	11° 0	15°54	16° 2	29° 5	10°53	11°56	12° 7	21°58	W 5
T 6	0 59 10	12°52'30	21°28	5°34	10° 5	5°21	25°29	10°56	15°58	16° 1	29° 5	10°44	11°53	12°14	21°56	T 6
F 7	1 3 6	13°51'43	6♈ 2	6°52	11°18	5°46	25°25	10°52	16° 1	16° 0	29° 4	10°35	11°50	12°20	21°54	F 7
S 8	1 7 3	14°50'59	20°23	8° 8	12°31	6°11	25°21	10°48	16° 5	15°58	29° 3	10°27	11°47	12°27	21°51	S 8
S 9	1 10 59	15°50'16	4♉24	9°23	13°44	6°35	25°16	10°44	16° 8	15°57	29° 2	10°20	11°44	12°34	21°49	S 9
M10	1 14 56	16°49'36	18° 1	10°37	14°57	6°59	25°11	10°40	16°12	15°55	29° 2	10°15	11°40	12°40	21°47	M10
T 11	1 18 53	17°48'58	1♊14	11°49	16°10	7°23	25° 6	10°36	16°15	15°54	29° 1	10°13	11°37	12°47	21°44	T 11
W12	1 22 49	18°48'23	14° 2	12°59	17°23	7°46	25° 1	10°31	16°18	15°53	29° 0	10°D13	11°34	12°54	21°42	W12
T 13	1 26 46	19°47'49	26°30	14° 7	18°36	8° 9	24°56	10°27	16°22	15°51	28°59	10°14	11°31	13° 1	21°39	T 13
F 14	1 30 42	20°47'18	8♋41	15°14	19°49	8°31	24°50	10°23	16°25	15°50	28°58	10°15	11°28	13° 7	21°37	F 14
S 15	1 34 39	21°46'49	20°40	16°18	21° 2	8°53	24°45	10°18	16°28	15°48	28°57	10°R16	11°25	13°14	21°34	S 15
S 16	1 38 35	22°46'23	2♌33	17°19	22°16	9°15	24°39	10°14	16°31	15°47	28°57	10°15	11°21	13°21	21°31	S 16
M17	1 42 32	23°45'58	14°24	18°19	23°29	9°36	24°33	10° 9	16°35	15°45	28°56	10°13	11°18	13°27	21°29	M17
T 18	1 46 28	24°45'36	26°18	19°15	24°43	9°56	24°27	10° 5	16°38	15°44	28°55	10° 8	11°15	13°34	21°26	T 18
W19	1 50 25	25°45'16	8♍19	20° 8	25°56	10°16	24°21	10° 0	16°41	15°42	28°54	10° 2	11°12	13°41	21°23	W19
T 20	1 54 22	26°44'59	20°31	20°57	27°10	10°36	24°14	9°56	16°44	15°40	28°53	9°55	11° 9	13°48	21°20	T 20
F 21	1 58 18	27°44'43	2♎56	21°43	28°24	10°55	24° 8	9°51	16°47	15°39	28°52	9°47	11° 6	13°54	21°18	F 21
S 22	2 2 15	28°44'30	15°35	22°24	29°37	11°13	24° 1	9°46	16°50	15°37	28°51	9°39	11° 2	14° 1	21°15	S 22
S 23	2 6 11	29°44'18	28°28	23° 0	0♎51	11°31	23°54	9°42	16°53	15°36	28°50	9°32	10°59	14° 8	21°12	S 23
M24	2 10 8	0♏44'09	11♏36	23°31	2° 5	11°48	23°48	9°37	16°56	15°34	28°49	9°28	10°56	14°14	21° 9	M24
T 25	2 14 4	1°44'02	24°56	23°56	3°19	12° 5	23°41	9°32	16°59	15°32	28°48	9°25	10°53	14°21	21° 6	T 25
W26	2 18 1	2°43'56	8♐28	24°15	4°33	12°21	23°33	9°27	17° 2	15°31	28°47	9°D24	10°50	14°28	21° 3	W26
T 27	2 21 57	3°43'53	22°11	24°27	5°47	12°37	23°26	9°23	17° 5	15°29	28°46	9°24	10°46	14°34	21° 0	T 27
F 28	2 25 54	4°43'51	6♑ 2	24°R31	7° 1	12°52	23°19	9°18	17° 8	15°27	28°45	9°26	10°43	14°41	20°57	F 28
S 29	2 29 51	5°43'50	20° 1	24°27	8°15	13° 7	23°11	9°13	17°11	15°26	28°44	9°27	10°40	14°48	20°54	S 29
S 30	2 33 47	6°43'51	4♒ 6	24°14	9°29	13°21	23° 4	9° 8	17°14	15°24	28°43	9°R28	10°37	14°55	20°51	S 30
M31	2 37 44	7♏43'54	18♒18	23♏51	10♎44	13♋34	22♉56	9♉ 3	17♍16	15♉22	28♉42	9♐28	10♐34	15♌ 1	20♉48	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s 9	20s45	2n23	12s21	1s24	10n51	0n53	23n31	0n 6	18n 3	1s13	12n42	2s39	6n20	0n44	14n56	1s49	6n43	13s34	22s 8	22s16	13n 2	15n48	2s36
S 2	3 33	18 5	3 25	12 57	1 31	10 27	0 55	23 32	0 8	18 2	1 13	12 41	2 39	6 18	0 44	14 55	1 49	6 42	13 34	22 8	22 15	13 0	15 47	2 36
M 3	3 56	14 17	4 14	13 33	1 38	10 2	0 58	23 33	0 9	18 1	1 13	12 39	2 39	6 17	0 44	14 55	1 50	6 42	13 34	22 7	22 15	12 57	15 46	2 36
T 4	4 19	9 36	4 48	14 8	1 45	9 38	1 0	23 34	0 11	18 0	1 13	12 38	2 39	6 16	0 44	14 54	1 50	6 42	13 35	22 6	22 15	12 55	15 45	2 37
W 5	4 42	4 19	5 4	14 42	1 52	9 13	1 3	23 34	0 13	17 59	1 13	12 37	2 39	6 14	0 44	14 54	1 50	6 42	13 35	22 5	22 14	12 53	15 45	2 37
T 6	5 5	1n12	4 59	15 15	1 58	8 48	1 5	23 35	0 14	17 58	1 13	12 35	2 40	6 13	0 44	14 54	1 50	6 41	13 35	22 4	22 14	12 51	15 44	2 37
F 7	5 28	6 37	4 35	15 47	2 5	8 22	1 7	23 36	0 16	17 57	1 13	12 34	2 40	6 12	0 44	14 53	1 50	6 41	13 35	22 3	22 13	12 48	15 43	2 37
S 8	5 51	11 35	3 54	16 18	2 11	7 56	1 9	23 36	0 18	17 56	1 13	12 33	2 40	6 10	0 44	14 53	1 50	6 41	13 35	22 2	22 13	12 46	15 42	2 38
S 9	6 14	15 49	3 0	16 48	2 17	7 30	1 11	23 37	0 20	17 54	1 13	12 31	2 40	6 9	0 44	14 52	1 50	6 40	13 35	22 1	22 12	12 44	15 41	2 38
M10	6 37	19 4	1 56	17 17	2 23	7 4	1 13	23 38	0 21	17 53	1 13	12 30	2 40	6 8	0 44	14 52	1 50	6 40	13 36	22 0	22 12	12 41	15 41	2 38
T 11	7 0	21 12	0 48	17 45	2 29	6 37	1 15	23 38	0 23	17 52	1 13	12 29	2 40	6 7	0 44	14 51	1 50	6 40	13 36	22 0	22 12	12 39	15 40	2 38
W12	7 22	22 9	0s21	18 11	2 34	6 11	1 17	23 39	0 25	17 51	1 14	12 27	2 40	6 5	0 44	14 51	1 50	6 39	13 36	22 0	22 11	12 37	15 39	2 38
T 13	7 45	21 58	1 27	18 37	2 39	5 44	1 19	23 39	0 27	17 49	1 14	12 26	2 40	6 4	0 44	14 50	1 50	6 39	13 36	22 0	22 11	12 35	15 38	2 39
F 14	8 7	20 43	2 27	19 1	2 44	5 16	1 21	23 40	0 29	17 48	1 14	12 24	2 40	6 3	0 44	14 50	1 50	6 39	13 36	22 0	22 10	12 32	15 37	2 39
S 15	8 30	18 34	3 21	19 24	2 48	4 49	1 23	23 40	0 31	17 46	1 14	12 23	2 40	6 1	0 44	14 50	1 50	6 38	13 36	22 0	22 10	12 30	15 36	2 39
S 16	8 52	15 38	4 5	19 46	2 52	4 21	1 24	23 41	0 33	17 45	1 14	12 21	2 40	6 0	0 44	14 49	1 50	6 38	13 37	22 0	22 9	12 28	15 36	2 39
M17	9 14	12 5	4 38	20 6	2 56	3 54	1 26	23 41	0 35	17 44	1 14	12 20	2 40	5 59	0 44	14 49	1 50	6 38	13 37	22 0	22 9	12 26	15 35	2 39
T 18	9 36	8 3	5 0	20 25	2 59	3 26	1 27	23 42	0 37	17 42	1 14	12 18	2 41	5 58	0 44	14 48	1 50	6 37	13 37	21 59	22 8	12 23	15 34	2 39
W19	9 58	3 41	5 8	20 42	3 1	2 58	1 28	23 42	0 39	17 40	1 14	12 17	2 41	5 57	0 44	14 48	1 50	6 37	13 37	21 58	22 8	12 21	15 33	2 40
T 20	10 19	0s53	5 3	20 57	3 3	2 30	1 30	23 43	0 41	17 39	1 14	12 16	2 41	5 55	0 44	14 47	1 50	6 37	13 37	21 57	22 8	12 19	15 32	2 40
F 21	10 41	5 30	4 44	21 10	3 5	2 2	1 31	23 43	0 43	17 37	1 14	12 14	2 41	5 54	0 45	14 47	1 50	6 36	13 37	21 56	22 7	12 17	15 31	2 40
S 22	11 2	9 59	4 11	21 22	3 5	1 33	1 32	23 44	0 45	17 36	1 14	12 13	2 41	5 53	0 45	14 46	1 50	6 36	13 37	21 55	22 7	12 14	15 30	2 40
S 23	11 23	14 6	3 24	21 31	3 5	1 5	1 33	23 44	0 47	17 34	1 14	12 11	2 41	5 52	0 45	14 46	1 50	6 36	13 37	21 54	22 6	12 12	15 29	2 40
M24	11 44	17 37	2 25	21 37	3 4	0 36	1 34	23 45	0 49	17 32	1 14	12 10	2 41	5 51	0 45	14 45	1 50	6 36	13 38	21 53	22 6	12 10	15 28	2 40
T 25	12 5	20 16	1 18	21 42	3 1	0 8	1 35	23 45	0 51	17 31	1 14	12 8	2 41	5 50	0 45	14 45	1 50	6 35	13 38	21 53	22 5	12 7	15 28	2 41
W26	12 26	21 49	0 5	21 43	2 58	0s21	1 36	23 46	0 54	17 29	1 14	12 7	2 41	5 48	0 45	14 44	1 50	6 35	13 38	21 52	22 5	12 5	15 27	2 41
T 27	12 46	22 4	1n 9	21 42	2 54	0 49	1 36	23 47	0 56	17 27	1 14	12 5	2 41	5 47	0 45	14 44	1 50	6 35	13 38	21 52	22 4	12 3	15 26	2 41
F 28	13 6	20 59	2 20	21 37	2 48	1 18	1 37	23 48	0 58	17 25	1 14	12 3	2 41	5 46	0 45	14 43	1 50	6 34	13 38	21 53	22 4	12 1	15 25	2 41
S 29	13 26	18 36	3 24	21 29	2 41	1 47	1 38	23 49	1 0	17 23	1 14	12 2	2 41	5 45	0 45	14 43	1 50	6 34	13 38	21 53	22 4	11 58	15 24	2 41
S 30	13 46	15 6	4 15	21 18	2 32	2 16	1 38	23 50	1 3	17 21	1 14	12 0	2 41	5 44	0 45	14 42	1 50	6 34	13 38	21 53	22 3	11 56	15 23	2 41
M31	14s 6	10s44	4n52	21s 2	2s22	2s44	1n38	23n51	1n 5	17n20	1s14	11n59	2s41	5n43	0n45	14n42	1s50	6n34	13s38	21s53	22s 3	11n54	15n22	2s42

Julian Day Number = 2408354.5, Delta T = -3.85 sec
Ecliptic obliquity = 23°27'15, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°05'20, Lahiri = 22°12'21

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ASTRODIENST EPHEMERIS for the year 1881
geocentric

NOVEMBER 1881 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 41 40	8♏43'58	2♓32	23°R20	11♎58	13♋47	22°R49	8°R58	17♍19	15°R21	28°R41	9°R26	10♐31	15♑ 8	20°R45	T 1
W 2	2 45 37	9°44'04	16°48	22♏38	13°12	13°59	22♉41	8♉54	17°22	15♉19	28♉40	9♐23	10°27	15°15	20♉42	W 2
T 3	2 49 33	10°44'11	1♈ 1	21°48	14°26	14°10	22°33	8°49	17°24	15°17	28°39	9°18	10°24	15°21	20°38	T 3
F 4	2 53 30	11°44'20	15° 6	20°48	15°41	14°21	22°25	8°44	17°27	15°16	28°38	9°14	10°21	15°28	20°35	F 4
S 5	2 57 26	12°44'31	29° 1	19°41	16°55	14°31	22°17	8°39	17°29	15°14	28°37	9°10	10°18	15°35	20°32	S 5
S 6	3 1 23	13°44'43	12♉40	18°28	18°10	14°40	22° 9	8°34	17°32	15°12	28°36	9° 7	10°15	15°42	20°29	S 6
M 7	3 5 20	14°44'57	26° 3	17°10	19°24	14°49	22° 1	8°29	17°34	15°11	28°35	9° 5	10°12	15°48	20°26	M 7
T 8	3 9 16	15°45'13	9♊ 5	15°50	20°39	14°57	21°53	8°25	17°37	15° 9	28°33	9°D 5	10° 8	15°55	20°23	T 8
W 9	3 13 13	16°45'31	21°49	14°31	21°53	15° 4	21°45	8°20	17°39	15° 7	28°32	9° 5	10° 5	16° 2	20°19	W 9
T 10	3 17 9	17°45'51	4♋16	13°15	23° 8	15°10	21°37	8°15	17°42	15° 6	28°31	9° 6	10° 2	16° 8	20°16	T 10
F 11	3 21 6	18°46'12	16°28	12° 5	24°23	15°16	21°29	8°10	17°44	15° 4	28°30	9° 8	9°59	16°15	20°13	F 11
S 12	3 25 2	19°46'36	28°28	11° 2	25°37	15°21	21°20	8° 6	17°46	15° 2	28°29	9°10	9°56	16°22	20°10	S 12
S 13	3 28 59	20°47'01	10♌22	10° 9	26°52	15°25	21°12	8° 1	17°48	15° 1	28°28	9°11	9°52	16°29	20° 7	S 13
M14	3 32 55	21°47'28	22°14	9°27	28° 7	15°28	21° 4	7°57	17°50	14°59	28°27	9°R11	9°49	16°35	20° 3	M14
T 15	3 36 52	22°47'57	4♍ 8	8°56	29°21	15°31	20°56	7°52	17°53	14°57	28°26	9°11	9°46	16°42	20° 0	T 15
W16	3 40 49	23°48'28	16°10	8°36	0♏36	15°33	20°48	7°47	17°55	14°56	28°25	9° 9	9°43	16°49	19°57	W16
T 17	3 44 45	24°49'01	28°24	8°D29	1°51	15°34	20°40	7°43	17°57	14°54	28°23	9° 8	9°40	16°55	19°54	T 17
F 18	3 48 42	25°49'35	10♎53	8°32	3° 6	15°R34	20°31	7°38	17°59	14°52	28°22	9° 6	9°37	17° 2	19°51	F 18
S 19	3 52 38	26°50'11	23°40	8°46	4°21	15°33	20°23	7°34	18° 1	14°51	28°21	9° 4	9°33	17° 9	19°48	S 19
S 20	3 56 35	27°50'49	6♏47	9°10	5°36	15°31	20°15	7°30	18° 2	14°49	28°20	9° 2	9°30	17°16	19°44	S 20
M21	4 0 31	28°51'29	20°13	9°42	6°51	15°29	20° 7	7°25	18° 4	14°47	28°19	9° 1	9°27	17°22	19°41	M21
T 22	4 4 28	29°52'09	3♐57	10°23	8° 6	15°25	19°59	7°21	18° 6	14°46	28°18	9°D 1	9°24	17°29	19°38	T 22
W23	4 8 24	0♐52'52	17°56	11°10	9°21	15°21	19°51	7°17	18° 8	14°44	28°17	9° 1	9°21	17°36	19°35	W23
T 24	4 12 21	1°53'35	2♑ 7	12° 4	10°36	15°16	19°44	7°12	18° 9	14°42	28°16	9° 1	9°18	17°42	19°32	T 24
F 25	4 16 18	2°54'20	16°25	13° 3	11°51	15°10	19°36	7° 8	18°11	14°41	28°14	9° 2	9°14	17°49	19°29	F 25
S 26	4 20 14	3°55'06	0♒46	14° 6	13° 6	15° 3	19°28	7° 4	18°13	14°39	28°13	9° 2	9°11	17°56	19°26	S 26
S 27	4 24 11	4°55'53	15° 6	15°14	14°21	14°56	19°20	7° 0	18°14	14°38	28°12	9° 3	9° 8	18° 3	19°23	S 27
M28	4 28 7	5°56'40	29°21	16°26	15°36	14°47	19°13	6°56	18°16	14°36	28°11	9° 3	9° 5	18° 9	19°19	M28
T 29	4 32 4	6°57'29	13♓29	17°40	16°51	14°38	19° 6	6°53	18°17	14°35	28°10	9°R 3	9° 2	18°16	19°16	T 29
W30	4 36 0	7♐58'18	27♓29	18♏57	18♏ 6	14♋28	18♉58	6♉49	18♍18	14♉33	28♉ 9	9♐ 3	8♐58	18♑23	19♉13	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s25	5s45	5n10	20s42	2s10	3s13	1n39	23n52	1n 8	17n18	1s14	11n57	2s41	5n42	0n45	14n41	1s50	6n33	13s38	21s53	22s 2	11n51	15n21	2s42
W 2	14 44	0 27	5 10	20 18	1 56	3 42	1 39	23 53	1 10	17 16	1 14	11 56	2 41	5 41	0 45	14 41	1 50	6 33	13 38	21 52	22 2	11 49	15 20	2 42
T 3	15 3	4n51	4 51	19 50	1 40	4 10	1 39	23 54	1 12	17 14	1 14	11 54	2 41	5 40	0 45	14 40	1 50	6 33	13 38	21 52	22 1	11 47	15 19	2 42
F 4	15 22	9 51	4 14	19 18	1 23	4 39	1 39	23 55	1 15	17 12	1 14	11 53	2 41	5 39	0 45	14 40	1 50	6 32	13 38	21 51	22 1	11 45	15 18	2 42
S 5	15 40	14 17	3 22	18 43	1 5	5 7	1 39	23 57	1 17	17 10	1 14	11 52	2 41	5 38	0 45	14 39	1 50	6 32	13 38	21 50	22 0	11 42	15 17	2 42
S 6	15 58	17 52	2 20	18 4	0 46	5 36	1 39	23 58	1 20	17 8	1 14	11 50	2 40	5 37	0 45	14 39	1 50	6 32	13 39	21 50	22 0	11 40	15 16	2 42
M 7	16 16	20 26	1 11	17 22	0 25	6 4	1 39	24 0	1 23	17 6	1 14	11 49	2 40	5 36	0 45	14 38	1 50	6 32	13 39	21 50	21 59	11 38	15 15	2 42
T 8	16 34	21 50	0s 0	16 40	0 5	6 32	1 39	24 2	1 25	17 4	1 13	11 47	2 40	5 35	0 45	14 38	1 50	6 31	13 39	21 49	21 59	11 35	15 14	2 43
W 9	16 51	22 3	1 10	15 57	0n16	7 0	1 39	24 3	1 28	17 2	1 13	11 46	2 40	5 34	0 45	14 38	1 50	6 31	13 39	21 50	21 59	11 33	15 13	2 43
T 10	17 8	21 9	2 14	15 15	0 36	7 28	1 38	24 5	1 30	17 0	1 13	11 44	2 40	5 34	0 45	14 37	1 50	6 31	13 39	21 50	21 58	11 31	15 13	2 43
F 11	17 25	19 16	3 12	14 36	0 55	7 56	1 38	24 7	1 33	16 58	1 13	11 43	2 40	5 33	0 45	14 37	1 50	6 31	13 39	21 50	21 58	11 28	15 12	2 43
S 12	17 41	16 34	4 0	14 0	1 13	8 24	1 37	24 9	1 36	16 56	1 13	11 41	2 40	5 32	0 45	14 36	1 50	6 30	13 39	21 50	21 57	11 26	15 11	2 43
S 13	17 58	13 12	4 37	13 28	1 29	8 51	1 37	24 12	1 38	16 54	1 13	11 40	2 40	5 31	0 45	14 36	1 50	6 30	13 39	21 50	21 57	11 24	15 10	2 43
M14	18 13	9 20	5 2	13 1	1 43	9 19	1 36	24 14	1 41	16 52	1 13	11 39	2 40	5 30	0 45	14 35	1 50	6 30	13 39	21 50	21 56	11 22	15 9	2 43
T 15	18 29	5 6	5 15	12 40	1 55	9 46	1 35	24 16	1 44	16 50	1 13	11 37	2 40	5 29	0 45	14 35	1 50	6 30	13 39	21 50	21 56	11 19	15 8	2 43
W16	18 44	0 38	5 14	12 25	2 5	10 13	1 35	24 19	1 47	16 48	1 13	11 36	2 40	5 29	0 45	14 34	1 50	6 29	13 39	21 50	21 55	11 17	15 7	2 43
T 17	18 59	3s56	4 58	12 14	2 13	10 39	1 34	24 22	1 50	16 46	1 13	11 35	2 39	5 28	0 45	14 34	1 50	6 29	13 39	21 50	21 55	11 15	15 6	2 43
F 18	19 14	8 26	4 29	12 10	2 19	11 6	1 33	24 24	1 52	16 44	1 12	11 33	2 39	5 27	0 45	14 33	1 50	6 29	13 39	21 50	21 54	11 12	15 5	2 43
S 19	19 28	12 41	3 45	12 10	2 24	11 32	1 32	24 27	1 55	16 42	1 12	11 32	2 39	5 26	0 45	14 33	1 50	6 29	13 39	21 49	21 54	11 10	15 4	2 44
S 20	19 42	16 27	2 49	12 15	2 26	11 58	1 31	24 30	1 58	16 40	1 12	11 31	2 39	5 26	0 46	14 32	1 50	6 29	13 39	21 49	21 53	11 8	15 3	2 44
M21	19 55	19 27	1 42	12 23	2 28	12 24	1 30	24 34	2 1	16 38	1 12	11 29	2 39	5 25	0 46	14 32	1 50	6 28	13 39	21 49	21 53	11 5	15 2	2 44
T 22	20 8	21 25	0 28	12 36	2 28	12 49	1 29	24 37	2 4	16 36	1 12	11 28	2 39	5 24	0 46	14 31	1 50	6 28	13 39	21 49	21 52	11 3	15 1	2 44
W23	20 21	22 5	0n49	12 51	2 27	13 14	1 27	24 40	2 7	16 34	1 12	11 27	2 39	5 24	0 46	14 31	1 50	6 28	13 39	21 49	21 52	11 1	15 1	2 44
T 24	20 33	21 22	2 5	13 10	2 25	13 39	1 26	24 44	2 10	16 32	1 12	11 26	2 38	5 23	0 46	14 30	1 50	6 28	13 38	21 49	21 51	10 58	15 0	2 44
F 25	20 45	19 15	3 13	13 30	2 22	14 3	1 25	24 47	2 13	16 30	1 11	11 25	2 38	5 23	0 46	14 30	1 50	6 28	13 38	21 49	21 51	10 56	14 59	2 44
S 26	20 57	15 56	4 9	13 53	2 19	14 27	1 23	24 51	2 16	16 28	1 11	11 24	2 38	5 22	0 46	14 30	1 50	6 27	13 38	21 49	21 50	10 54	14 58	2 44
S 27	21 8	11 42	4 50	14 16	2 14	14 51	1 22	24 55	2 19	16 26	1 11	11 22	2 38	5 21	0 46	14 29	1 50	6 27	13 38	21 49	21 50	10 51	14 57	2 44
M28	21 19	6 49	5 13	14 42	2 9	15 14	1 20	24 59	2 22	16 24	1 11	11 21	2 38	5 21	0 46	14 29	1 50	6 27	13 38	21 49	21 49	10 49	14 56	2 44
T 29	21 29	1 37	5 16	15 8	2 4	15 37	1 19	25 3	2 25	16 22	1 11	11 20	2 37	5 20	0 46	14 28	1 50	6 27	13 38	21 49	21 49	10 47	14 55	2 44
W30	21s39	3n36	5n 1	15s34	1n58	16s 0	1n17	25n 7	2n28	16n21	1s10	11n19	2s37	5n20	0n46	14n28	1s50	6n27	13s38	21s49	21s49	10n44	14n54	2s44

Julian Day Number = 2408385.5, Delta T = -3.88 sec
Ecliptic obliquity = 23°27'14, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°05'24, Lahiri = 22°12'25

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ASTRODIENST EPHEMERIS for the year 1881
geocentric

DECEMBER 1881 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 39 57	8♐59'08	11♈19	20♏16	19♏22	14°R17	18°R51	6°R45	18♍20	14°R32	28°R 8	9°D 3	8♐55	18♘29	19°R10	T 1
F 2	4 43 53	10° 0'00	24°57	21°37	20°37	14♋ 5	18♉44	6♉41	18°21	14♉30	28♉ 7	9♐ 3	8°52	18°36	19♉ 8	F 2
S 3	4 47 50	11° 0'52	8♉23	23° 0	21°52	13°52	18°37	6°38	18°22	14°29	28° 6	9° 3	8°49	18°43	19° 5	S 3
S 4	4 51 47	12° 1'45	21°36	24°24	23° 7	13°39	18°30	6°34	18°23	14°27	28° 4	9° 3	8°46	18°50	19° 2	S 4
M 5	4 55 43	13° 2'39	4♊35	25°50	24°22	13°24	18°23	6°31	18°24	14°26	28° 3	9°R 4	8°43	18°56	18°59	M 5
T 6	4 59 40	14° 3'34	17°21	27°16	25°38	13° 9	18°17	6°28	18°25	14°24	28° 2	9° 3	8°39	19° 3	18°56	T 6
W 7	5 3 36	15° 4'29	29°53	28°43	26°53	12°53	18°10	6°24	18°26	14°23	28° 1	9° 3	8°36	19°10	18°53	W 7
T 8	5 7 33	16° 5'26	12♋13	0♐11	28° 8	12°37	18° 4	6°21	18°27	14°21	28° 0	9° 2	8°33	19°16	18°50	T 8
F 9	5 11 29	17° 6'24	24°22	1°40	29°23	12°20	17°57	6°18	18°28	14°20	27°59	9° 1	8°30	19°23	18°48	F 9
S 10	5 15 26	18° 7'23	6♌21	3° 9	0♐39	12° 2	17°51	6°15	18°29	14°19	27°58	9° 0	8°27	19°30	18°45	S 10
S 11	5 19 22	19° 8'23	18°15	4°39	1°54	11°43	17°45	6°12	18°30	14°17	27°57	8°59	8°24	19°37	18°42	S 11
M12	5 23 19	20° 9'24	0♍ 6	6° 9	3° 9	11°24	17°40	6°10	18°30	14°16	27°56	8°58	8°20	19°43	18°40	M12
T 13	5 27 16	21°10'26	12° 0	7°39	4°24	11° 4	17°34	6° 7	18°31	14°15	27°55	8°57	8°17	19°50	18°37	T 13
W14	5 31 12	22°11'29	24° 0	9°10	5°40	10°43	17°29	6° 4	18°32	14°14	27°54	8°D57	8°14	19°57	18°35	W14
T 15	5 35 9	23°12'32	6♎10	10°41	6°55	10°22	17°23	6° 2	18°32	14°12	27°53	8°57	8°11	20° 3	18°32	T 15
F 16	5 39 5	24°13'37	18°37	12°13	8°11	10° 1	17°18	5°59	18°33	14°11	27°52	8°58	8° 8	20°10	18°30	F 16
S 17	5 43 2	25°14'43	1♏23	13°44	9°26	9°39	17°13	5°57	18°33	14°10	27°51	8°59	8° 4	20°17	18°27	S 17
S 18	5 46 58	26°15'49	14°33	15°16	10°41	9°17	17° 8	5°55	18°33	14° 9	27°50	9° 1	8° 1	20°24	18°25	S 18
M19	5 50 55	27°16'56	28° 7	16°48	11°57	8°54	17° 4	5°53	18°34	14° 8	27°49	9° 2	7°58	20°30	18°23	M19
T 20	5 54 51	28°18'04	12♐ 6	18°20	13°12	8°31	16°59	5°51	18°34	14° 6	27°48	9°R 2	7°55	20°37	18°20	T 20
W21	5 58 48	29°19'13	26°26	19°53	14°27	8° 8	16°55	5°49	18°34	14° 5	27°47	9° 1	7°52	20°44	18°18	W21
T 22	6 2 45	0♑20'22	11♑ 4	21°26	15°43	7°44	16°51	5°47	18°34	14° 4	27°46	8°59	7°49	20°50	18°16	T 22
F 23	6 6 41	1°21'31	25°51	22°59	16°58	7°20	16°47	5°45	18°34	14° 3	27°45	8°57	7°45	20°57	18°14	F 23
S 24	6 10 38	2°22'41	10♒41	24°32	18°14	6°57	16°44	5°44	18°R34	14° 2	27°44	8°53	7°42	21° 4	18°12	S 24
S 25	6 14 34	3°23'50	25°26	26° 5	19°29	6°33	16°40	5°42	18°34	14° 1	27°43	8°50	7°39	21°11	18°10	S 25
M26	6 18 31	4°24'59	9♓59	27°39	20°44	6° 9	16°37	5°41	18°34	14° 0	27°42	8°47	7°36	21°17	18° 8	M26
T 27	6 22 27	5°26'09	24°15	29°13	22° 0	5°45	16°34	5°40	18°34	13°59	27°42	8°45	7°33	21°24	18° 6	T 27
W28	6 26 24	6°27'18	8♈13	0♑47	23°15	5°21	16°31	5°38	18°34	13°59	27°41	8°D45	7°30	21°31	18° 4	W28
T 29	6 30 21	7°28'27	21°52	2°21	24°31	4°58	16°28	5°37	18°34	13°58	27°40	8°46	7°26	21°37	18° 2	T 29
F 30	6 34 17	8°29'36	5♉13	3°56	25°46	4°34	16°26	5°36	18°33	13°57	27°39	8°47	7°23	21°44	18° 0	F 30
S 31	6 38 14	9♑30'45	18♉17	5♑31	27♐ 1	4♋11	16♉24	5♉36	18♍33	13♉56	27♉38	8♐49	7♐20	21♘51	17♉59	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21 s49	8n36	4n29	16s 1	1n52	16s22	1n15	25n11	2n31	16n19	1 s10	11n18	2 s37	5n19	0n46	14n27	1 s50	6n27	13 s38	21 s49	21 s48	10n42	14n54	2 s44
F 2	21 58	13 5	3 41	16 29	1 46	16 44	1 14	25 15	2 34	16 17	1 10	11 17	2 37	5 19	0 46	14 27	1 50	6 27	13 38	21 49	21 48	10 40	14 53	2 44
S 3	22 6	16 52	2 42	16 56	1 39	17 5	1 12	25 19	2 36	16 15	1 10	11 16	2 37	5 19	0 46	14 27	1 50	6 26	13 38	21 49	21 47	10 38	14 52	2 44
S 4	22 15	19 42	1 35	17 24	1 32	17 26	1 10	25 24	2 39	16 14	1 10	11 15	2 36	5 18	0 46	14 26	1 50	6 26	13 38	21 49	21 47	10 35	14 51	2 44
M 5	22 23	21 29	0 25	17 51	1 25	17 46	1 8	25 28	2 42	16 12	1 9	11 14	2 36	5 18	0 46	14 26	1 50	6 26	13 38	21 49	21 46	10 33	14 50	2 44
T 6	22 30	22 5	0s46	18 18	1 18	18 6	1 6	25 32	2 45	16 10	1 9	11 14	2 36	5 17	0 46	14 25	1 50	6 26	13 38	21 49	21 46	10 31	14 50	2 44
W 7	22 37	21 34	1 53	18 45	1 10	18 26	1 4	25 37	2 48	16 9	1 9	11 13	2 36	5 17	0 46	14 25	1 50	6 26	13 37	21 49	21 45	10 28	14 49	2 44
T 8	22 44	20 1	2 54	19 11	1 3	18 45	1 2	25 41	2 51	16 7	1 9	11 12	2 36	5 17	0 46	14 25	1 50	6 26	13 37	21 49	21 45	10 26	14 48	2 44
F 9	22 50	17 33	3 46	19 36	0 56	19 3	1 0	25 46	2 53	16 6	1 8	11 11	2 35	5 16	0 46	14 24	1 50	6 26	13 37	21 49	21 44	10 24	14 47	2 44
S 10	22 55	14 23	4 27	20 1	0 48	19 21	0 58	25 50	2 56	16 4	1 8	11 10	2 35	5 16	0 46	14 24	1 49	6 26	13 37	21 49	21 44	10 21	14 47	2 44
S 11	23 1	10 40	4 56	20 25	0 41	19 38	0 56	25 54	2 59	16 3	1 8	11 10	2 35	5 16	0 46	14 24	1 49	6 26	13 37	21 49	21 43	10 19	14 46	2 44
M12	23 5	6 33	5 13	20 48	0 33	19 55	0 54	25 59	3 2	16 1	1 8	11 9	2 35	5 16	0 46	14 23	1 49	6 25	13 37	21 48	21 43	10 17	14 45	2 44
T 13	23 10	2 12	5 16	21 10	0 26	20 11	0 52	26 3	3 4	16 0	1 8	11 8	2 34	5 15	0 46	14 23	1 49	6 25	13 37	21 48	21 42	10 14	14 44	2 44
W14	23 13	2s17	5 6	21 32	0 19	20 27	0 49	26 7	3 7	15 59	1 7	11 8	2 34	5 15	0 47	14 23	1 49	6 25	13 36	21 48	21 42	10 12	14 44	2 44
T 15	23 17	6 46	4 42	21 52	0 11	20 42	0 47	26 11	3 9	15 58	1 7	11 7	2 34	5 15	0 47	14 22	1 49	6 25	13 36	21 48	21 41	10 10	14 43	2 44
F 16	23 20	11 3	4 4	22 12	0 4	20 57	0 45	26 16	3 12	15 56	1 7	11 7	2 34	5 15	0 47	14 22	1 49	6 25	13 36	21 48	21 41	10 7	14 42	2 44
S 17	23 22	14 59	3 13	22 31	0s 3	21 10	0 43	26 19	3 14	15 55	1 6	11 6	2 33	5 15	0 47	14 22	1 49	6 25	13 36	21 49	21 40	10 5	14 42	2 44
S 18	23 24	18 18	2 11	22 48	0 10	21 24	0 40	26 23	3 16	15 54	1 6	11 6	2 33	5 15	0 47	14 21	1 49	6 25	13 36	21 49	21 40	10 3	14 41	2 44
M19	23 26	20 44	1 0	23 5	0 17	21 36	0 38	26 27	3 18	15 53	1 6	11 5	2 33	5 15	0 47	14 21	1 49	6 25	13 36	21 49	21 39	10 0	14 41	2 44
T 20	23 27	21 59	0n17	23 20	0 23	21 48	0 36	26 31	3 20	15 52	1 6	11 5	2 33	5 15	0 47	14 21	1 49	6 25	13 35	21 49	21 39	9 58	14 40	2 44
W21	23 27	21 50	1 35	23 34	0 30	22 0	0 33	26 34	3 22	15 51	1 5	11 4	2 32	5 15	0 47	14 20	1 49	6 25	13 35	21 49	21 38	9 56	14 39	2 44
T 22	23 27	20 13	2 47	23 47	0 37	22 11	0 31	26 38	3 24	15 50	1 5	11 4	2 32	5 15	0 47	14 20	1 49	6 25	13 35	21 49	21 37	9 53	14 39	2 44
F 23	23 27	17 13	3 50	23 59	0 43	22 21	0 28	26 41	3 26	15 50	1 5	11 4	2 32	5 15	0 47	14 20	1 49	6 25	13 35	21 48	21 37	9 51	14 38	2 44
S 24	23 26	13 7	4 37	24 10	0 49	22 30	0 26	26 44	3 28	15 49	1 5	11 3	2 31	5 15	0 47	14 20	1 49	6 25	13 35	21 48	21 36	9 48	14 38	2 44
S 25	23 25	8 15	5 6	24 19	0 55	22 39	0 24	26 47	3 30	15 48	1 4	11 3	2 31	5 15	0 47	14 19	1 49	6 25	13 35	21 47	21 36	9 46	14 37	2 44
M26	23 23	2 59	5 14	24 27	1 1	22 47	0 21	26 50	3 31	15 47	1 4	11 3	2 31	5 15	0 47	14 19	1 49	6 25	13 34	21 47	21 35	9 44	14 37	2 44
T 27	23 20	2n21	5 3	24 34	1 7	22 54	0 19	26 52	3 33	15 47	1 4	11 3	2 31	5 15	0 47	14 19	1 49	6 25	13 34	21 47	21 35	9 41	14 36	2 44
W28	23 18	7 27	4 34	24 39	1 12	23 1	0 16	26 55	3 34	15 46	1 3	11 3	2 30	5 15	0 47	14 19	1 49	6 25	13 34	21 46	21 34	9 39	14 36	2 44
T 29	23 15	12 4	3 50	24 43	1 18	23 7	0 14	26 57	3 35	15 46	1 3	11 3	2 30	5 15	0 47	14 19	1 49	6 25	13 34	21 47	21 34	9 37	14 35	2 44
F 30	23 11	16 0	2 54	24 46	1 23	23 12	0 11	26 59	3 37	15 45	1 3	11 3	2 30	5 15	0 47	14 18	1 49	6 25	13 33	21 47	21 33	9 34	14 35	2 44
S 31	23s 7	19n 3	1n50	24s48	1 s27	23s16	0n 9	27n 1	3n38	15n45	1 s 3	11n 3	2 s29	5n15	0n47	14n18	1 s49	6n25	13 s33	21 s47	21 s33	9n32	14n34	2 s44

Julian Day Number = 2408415.5, Delta T = -3.91 sec
Ecliptic obliquity = 23°27'13, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°05'29, Lahiri = 22°12'29

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ASTRODIENST EPHEMERIS for the year 1882
geocentric

JANUARY 1882 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 42 10	10♑31'54	1♊ 7	7♑ 7	28♐17	3°R48	16°R22	5°R35	18°R32	13°R55	27°R37	8♐50	7♐17	21♌58	17°R57	S 1
M 2	6 46 7	11°33'02	13°44	8°43	29°32	3♋25	16♉20	5♉34	18♍32	13♉55	27♉37	8°R50	7°14	22° 4	17♉56	M 2
T 3	6 50 3	12°34'11	26°11	10°19	0♑48	3° 3	16°18	5°34	18°31	13°54	27°36	8°49	7°10	22°11	17°54	T 3
W 4	6 54 0	13°35'19	8♋29	11°55	2° 3	2°41	16°17	5°33	18°31	13°53	27°35	8°46	7° 7	22°18	17°53	W 4
T 5	6 57 56	14°36'27	20°38	13°32	3°18	2°20	16°16	5°33	18°30	13°52	27°34	8°41	7° 4	22°24	17°51	T 5
F 6	7 1 53	15°37'35	2♌40	15° 9	4°34	1°59	16°15	5°33	18°29	13°52	27°34	8°34	7° 1	22°31	17°50	F 6
S 7	7 5 50	16°38'43	14°37	16°47	5°49	1°39	16°14	5°D33	18°29	13°51	27°33	8°26	6°58	22°38	17°49	S 7
S 8	7 9 46	17°39'51	26°30	18°25	7° 5	1°19	16°13	5°33	18°28	13°51	27°32	8°19	6°55	22°45	17°47	S 8
M 9	7 13 43	18°40'58	8♍21	20° 4	8°20	0°59	16°13	5°33	18°27	13°50	27°32	8°12	6°51	22°51	17°46	M 9
T 10	7 17 39	19°42'06	20°14	21°43	9°35	0°41	16°D13	5°33	18°26	13°50	27°31	8° 6	6°48	22°58	17°45	T 10
W11	7 21 36	20°43'13	2♎11	23°22	10°51	0°23	16°13	5°34	18°25	13°49	27°30	8° 2	6°45	23° 5	17°44	W11
T 12	7 25 32	21°44'20	14°19	25° 2	12° 6	0° 5	16°13	5°34	18°24	13°49	27°30	8° 0	6°42	23°12	17°43	T 12
F 13	7 29 29	22°45'27	26°40	26°42	13°22	29♊48	16°13	5°35	18°23	13°48	27°29	8°D 0	6°39	23°18	17°42	F 13
S 14	7 33 25	23°46'34	9♏20	28°23	14°37	29°32	16°14	5°36	18°22	13°48	27°29	8° 1	6°35	23°25	17°41	S 14
S 15	7 37 22	24°47'41	22°23	0♒ 4	15°52	29°17	16°15	5°37	18°21	13°48	27°28	8° 2	6°32	23°32	17°41	S 15
M16	7 41 19	25°48'48	5♐53	1°46	17° 8	29° 3	16°16	5°38	18°19	13°47	27°28	8°R 3	6°29	23°38	17°40	M16
T 17	7 45 15	26°49'54	19°52	3°28	18°23	28°49	16°17	5°39	18°18	13°47	27°27	8° 2	6°26	23°45	17°39	T 17
W18	7 49 12	27°51'00	4♑18	5°11	19°39	28°36	16°19	5°40	18°17	13°47	27°27	8° 0	6°23	23°52	17°39	W18
T 19	7 53 8	28°52'06	19° 9	6°53	20°54	28°24	16°20	5°41	18°15	13°47	27°26	7°55	6°20	23°59	17°38	T 19
F 20	7 57 5	29°53'11	4♒16	8°36	22° 9	28°12	16°22	5°43	18°14	13°47	27°26	7°47	6°16	24° 5	17°38	F 20
S 21	8 1 1	0♒54'15	19°29	10°19	23°25	28° 2	16°24	5°44	18°13	13°47	27°25	7°39	6°13	24°12	17°37	S 21
S 22	8 4 58	1°55'18	4♓39	12° 2	24°40	27°52	16°27	5°46	18°11	13°46	27°25	7°30	6°10	24°19	17°37	S 22
M23	8 8 54	2°56'20	19°35	13°45	25°56	27°43	16°29	5°47	18°10	13°46	27°24	7°23	6° 7	24°25	17°37	M23
T 24	8 12 51	3°57'21	4♈ 9	15°28	27°11	27°35	16°32	5°49	18° 8	13°D46	27°24	7°17	6° 4	24°32	17°37	T 24
W25	8 16 48	4°58'21	18°17	17°11	28°26	27°27	16°35	5°51	18° 6	13°46	27°24	7°13	6° 1	24°39	17°37	W25
T 26	8 20 44	5°59'20	1♉59	18°53	29°42	27°21	16°38	5°53	18° 5	13°46	27°23	7°D12	5°57	24°46	17°D37	T 26
F 27	8 24 41	7° 0'18	15°16	20°34	0♒57	27°15	16°41	5°55	18° 3	13°47	27°23	7°12	5°54	24°52	17°37	F 27
S 28	8 28 37	8° 1'14	28°11	22°14	2°12	27°10	16°44	5°58	18° 1	13°47	27°23	7°13	5°51	24°59	17°37	S 28
S 29	8 32 34	9° 2'09	10♊48	23°53	3°28	27° 6	16°48	6° 0	17°59	13°47	27°22	7°R13	5°48	25° 6	17°37	S 29
M30	8 36 30	10° 3'03	23°12	25°30	4°43	27° 3	16°52	6° 3	17°57	13°47	27°22	7°12	5°45	25°12	17°37	M30
T 31	8 40 27	11♒ 3'56	5♋24	27♒ 5	5♒58	27♊ 0	16♉56	6♉ 5	17♍55	13♉47	27♉22	7♐ 8	5♐41	25♌19	17♉37	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 2	21n 5	0n42	24s48	1s32	23s20	0n 6	27n 3	3n39	15n45	1s 2	11n 3	2s29	5n16	0n47	14n18	1s48	6n25	13s33	21s47	21s32	9n30	14n34	2s44
M 2	22 57	22 1	0s27	24 46	1 36	23 23	0 4	27 4	3 40	15 44	1 2	11 3	2 29	5 16	0 47	14 18	1 48	6 25	13 33	21 47	21 32	9 27	14 34	2 44
T 3	22 52	21 51	1 33	24 43	1 41	23 26	0 1	27 5	3 40	15 44	1 2	11 3	2 29	5 16	0 47	14 18	1 48	6 25	13 33	21 47	21 31	9 25	14 33	2 44
W 4	22 46	20 37	2 35	24 39	1 44	23 27	0s 1	27 7	3 41	15 44	1 1	11 3	2 28	5 16	0 47	14 18	1 48	6 25	13 32	21 47	21 31	9 23	14 33	2 44
T 5	22 39	18 27	3 28	24 33	1 48	23 28	0 4	27 8	3 42	15 44	1 1	11 3	2 28	5 17	0 47	14 17	1 48	6 26	13 32	21 46	21 30	9 20	14 33	2 44
F 6	22 32	15 30	4 11	24 26	1 51	23 29	0 6	27 8	3 42	15 44	1 1	11 3	2 28	5 17	0 48	14 17	1 48	6 26	13 32	21 45	21 30	9 18	14 32	2 44
S 7	22 25	11 56	4 43	24 17	1 54	23 28	0 8	27 9	3 43	15 44	1 1	11 4	2 27	5 17	0 48	14 17	1 48	6 26	13 32	21 44	21 29	9 16	14 32	2 43
S 8	22 17	7 56	5 3	24 7	1 57	23 27	0 11	27 10	3 43	15 44	1 0	11 4	2 27	5 18	0 48	14 17	1 48	6 26	13 31	21 42	21 29	9 13	14 32	2 43
M 9	22 9	3 40	5 9	23 55	1 59	23 25	0 13	27 10	3 43	15 44	1 0	11 4	2 27	5 18	0 48	14 17	1 48	6 26	13 31	21 41	21 28	9 11	14 32	2 43
T 10	22 0	0s46	5 2	23 42	2 2	23 22	0 16	27 10	3 43	15 45	1 0	11 5	2 27	5 18	0 48	14 17	1 48	6 26	13 31	21 40	21 28	9 9	14 31	2 43
W11	21 51	5 11	4 42	23 27	2 3	23 19	0 18	27 10	3 43	15 45	0 59	11 5	2 26	5 19	0 48	14 17	1 48	6 26	13 31	21 40	21 27	9 6	14 31	2 43
T 12	21 42	9 29	4 10	23 11	2 4	23 15	0 20	27 10	3 43	15 45	0 59	11 6	2 26	5 19	0 48	14 17	1 48	6 26	13 30	21 39	21 26	9 4	14 31	2 43
F 13	21 32	13 28	3 25	22 53	2 5	23 10	0 23	27 10	3 43	15 46	0 59	11 6	2 26	5 20	0 48	14 17	1 48	6 26	13 30	21 39	21 26	9 1	14 31	2 43
S 14	21 22	16 58	2 29	22 33	2 6	23 4	0 25	27 10	3 43	15 46	0 59	11 7	2 25	5 20	0 48	14 17	1 48	6 27	13 30	21 39	21 25	8 59	14 31	2 43
S 15	21 11	19 43	1 24	22 12	2 6	22 58	0 27	27 10	3 43	15 47	0 58	11 7	2 25	5 21	0 48	14 17	1 48	6 27	13 30	21 40	21 25	8 57	14 30	2 43
M16	21 0	21 30	0 12	21 49	2 6	22 51	0 30	27 9	3 42	15 47	0 58	11 8	2 25	5 21	0 48	14 17	1 48	6 27	13 29	21 40	21 24	8 54	14 30	2 43
T 17	20 48	22 1	1n 3	21 25	2 5	22 43	0 32	27 9	3 42	15 48	0 58	11 8	2 24	5 22	0 48	14 17	1 48	6 27	13 29	21 40	21 24	8 52	14 30	2 43
W18	20 36	21 7	2 16	20 59	2 3	22 35	0 34	27 8	3 42	15 49	0 57	11 9	2 24	5 22	0 48	14 17	1 47	6 27	13 29	21 39	21 23	8 50	14 30	2 43
T 19	20 24	18 45	3 22	20 31	2 2	22 26	0 36	27 8	3 41	15 49	0 57	11 10	2 24	5 23	0 48	14 17	1 47	6 27	13 28	21 38	21 23	8 47	14 30	2 43
F 20	20 11	15 4	4 15	20 2	1 59	22 16	0 39	27 7	3 40	15 50	0 57	11 11	2 24	5 24	0 48	14 17	1 47	6 28	13 28	21 37	21 22	8 45	14 30	2 43
S 21	19 58	10 23	4 51	19 32	1 56	22 5	0 41	27 6	3 40	15 51	0 57	11 11	2 23	5 24	0 48	14 17	1 47	6 28	13 28	21 36	21 22	8 43	14 30	2 42
S 22	19 45	5 4	5 5	19 0	1 53	21 54	0 43	27 5	3 39	15 52	0 56	11 12	2 23	5 25	0 48	14 17	1 47	6 28	13 28	21 35	21 21	8 40	14 30	2 42
M23	19 31	0n27	4 59	18 26	1 49	21 42	0 45	27 4	3 38	15 53	0 56	11 13	2 23	5 25	0 48	14 17	1 47	6 28	13 27	21 33	21 20	8 38	14 30	2 42
T 24	19 17	5 49	4 33	17 52	1 44	21 30	0 47	27 3	3 38	15 54	0 56	11 14	2 22	5 26	0 48	14 17	1 47	6 28	13 27	21 32	21 20	8 36	14 30	2 42
W25	19 2	10 44	3 51	17 15	1 38	21 17	0 49	27 2	3 37	15 55	0 55	11 15	2 22	5 27	0 48	14 17	1 47	6 29	13 27	21 32	21 19	8 33	14 30	2 42
T 26	18 47	14 56	2 57	16 38	1 32	21 3	0 51	27 1	3 36	15 56	0 55	11 16	2 22	5 27	0 48	14 17	1 47	6 29	13 26	21 31	21 19	8 31	14 30	2 42
F 27	18 32	18 15	1 55	16 0	1 25	20 49	0 53	27 0	3 35	15 57	0 55	11 17	2 21	5 28	0 48	14 17	1 47	6 29	13 26	21 32	21 18	8 28	14 30	2 42
S 28	18 16	20 33	0 48	15 20	1 18	20 34	0 55	26 59	3 34	15 59	0 55	11 18	2 21	5 29	0 48	14 17	1 47	6 29	13 26	21 32	21 18	8 26	14 30	2 42
S 29	18 0	21 46	0s19	14 40	1 10	20 18	0 56	26 58	3 33	16 0	0 54	11 19	2 21	5 30	0 48	14 17	1 47	6 29	13 26	21 32	21 17	8 24	14 30	2 42
M30	17 44	21 53	1 24	13 58	1 0	20 2	0 58	26 57	3 32	16 1	0 54	11 20	2 21	5 30	0 48	14 17	1 47	6 30	13 25	21 31	21 17	8 21	14 31	2 42
T 31	17s28	20n57	2s24	13s17	0s50	19s45	1s 0	26n56	3n31	16n 3	0s54	11n21	2s20	5n31	0n48	14n17	1s47	6n30	13s25	21s31	21s16	8n19	14n31	2s42

Julian Day Number = 2408446.5, Delta T = -3.93 sec
Ecliptic obliquity = 23°27'13, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°05'33, Lahiri = 22°12'33

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ASTRODIENST EPHEMERIS for the year 1882
geocentric

FEBRUARY 1882 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 44 23	12♒ 4'48	17♋29	28♒37	7♒13	26°R59	17♉ 0	6♉ 8	17°R54	13♉48	27°R22	7°R 1	5♐38	25♌26	17♉38	W 1
T 2	8 48 20	13° 5'38	29°28	0♓ 6	8°29	26♊58	17° 5	6°11	17♍52	13°48	27♉22	6♐52	5°35	25°33	17°38	T 2
F 3	8 52 17	14° 6'27	11♌24	1°32	9°44	26°D58	17° 9	6°14	17°50	13°48	27°21	6°40	5°32	25°39	17°39	F 3
S 4	8 56 13	15° 7'15	23°17	2°53	10°59	26°58	17°14	6°17	17°48	13°49	27°21	6°27	5°29	25°46	17°39	S 4
S 5	9 0 10	16° 8'01	5♍10	4° 8	12°15	27° 0	17°19	6°20	17°45	13°49	27°21	6°13	5°26	25°53	17°40	S 5
M 6	9 4 6	17° 8'47	17° 3	5°18	13°30	27° 2	17°24	6°23	17°43	13°49	27°21	6° 0	5°22	26° 0	17°41	M 6
T 7	9 8 3	18° 9'31	28°58	6°21	14°45	27° 4	17°29	6°26	17°41	13°50	27°21	5°49	5°19	26° 6	17°41	T 7
W 8	9 11 59	19°10'14	10♎58	7°17	16° 0	27° 8	17°35	6°30	17°39	13°50	27°21	5°40	5°16	26°13	17°42	W 8
T 9	9 15 56	20°10'57	23° 5	8° 5	17°15	27°12	17°40	6°33	17°37	13°51	27°21	5°34	5°13	26°20	17°43	T 9
F 10	9 19 52	21°11'38	5♏24	8°44	18°31	27°17	17°46	6°37	17°35	13°52	27°D21	5°31	5°10	26°26	17°44	F 10
S 11	9 23 49	22°12'18	18° 0	9°14	19°46	27°22	17°52	6°40	17°32	13°52	27°21	5°D30	5° 7	26°33	17°45	S 11
S 12	9 27 46	23°12'56	0♐55	9°33	21° 1	27°29	17°58	6°44	17°30	13°53	27°21	5°R30	5° 3	26°40	17°46	S 12
M13	9 31 42	24°13'34	14°16	9°R43	22°16	27°35	18° 5	6°48	17°28	13°53	27°21	5°30	5° 0	26°47	17°47	M13
T 14	9 35 39	25°14'11	28° 4	9°42	23°31	27°43	18°11	6°52	17°25	13°54	27°21	5°28	4°57	26°53	17°49	T 14
W15	9 39 35	26°14'46	12♑22	9°30	24°47	27°51	18°18	6°56	17°23	13°55	27°21	5°24	4°54	27° 0	17°50	W15
T 16	9 43 32	27°15'21	27° 8	9° 8	26° 2	28° 0	18°25	7° 0	17°21	13°56	27°21	5°18	4°51	27° 7	17°51	T 16
F 17	9 47 28	28°15'53	12♒15	8°37	27°17	28° 9	18°32	7° 4	17°18	13°57	27°21	5° 8	4°47	27°13	17°53	F 17
S 18	9 51 25	29°16'25	27°35	7°56	28°32	28°19	18°39	7° 9	17°16	13°57	27°22	4°57	4°44	27°20	17°54	S 18
S 19	9 55 21	0♓16'54	12♓56	7° 8	29°47	28°29	18°46	7°13	17°13	13°58	27°22	4°45	4°41	27°27	17°56	S 19
M20	9 59 18	1°17'22	28° 6	6°14	1♓ 2	28°41	18°53	7°18	17°11	13°59	27°22	4°35	4°38	27°34	17°57	M20
T 21	10 3 15	2°17'48	12♈56	5°14	2°17	28°52	19° 1	7°22	17° 8	14° 0	27°22	4°26	4°35	27°40	17°59	T 21
W22	10 7 11	3°18'13	27°18	4°10	3°33	29° 4	19° 9	7°27	17° 6	14° 1	27°22	4°20	4°32	27°47	18° 1	W22
T 23	10 11 8	4°18'35	11♉11	3° 5	4°48	29°17	19°17	7°32	17° 3	14° 2	27°23	4°17	4°28	27°54	18° 2	T 23
F 24	10 15 4	5°18'55	24°35	2° 0	6° 3	29°30	19°25	7°36	17° 1	14° 3	27°23	4°16	4°25	28° 1	18° 4	F 24
S 25	10 19 1	6°19'14	7♊32	0°56	7°18	29°44	19°33	7°41	16°58	14° 4	27°23	4°15	4°22	28° 7	18° 6	S 25
S 26	10 22 57	7°19'30	20° 8	29♒55	8°33	29°58	19°41	7°46	16°56	14° 5	27°24	4°15	4°19	28°14	18° 8	S 26
M27	10 26 54	8°19'45	2♋26	28°57	9°48	0♋13	19°50	7°51	16°53	14° 6	27°24	4°13	4°16	28°21	18°10	M27
T 28	10 30 50	9♓19'57	14♋33	28♒ 5	11♓ 3	0♋28	19♉58	7♉57	16♍50	14♉ 8	27♉24	4♐ 9	4♐13	28♌27	18♉12	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s11	19n 3	3s17	12s35	0s40	19s28	1s 2	26n55	3n30	16n 4	0s54	11n22	2s20	5n32	0n48	14n18	1s47	6n30	13s25	21s30	21s15	8n17	14n31	2s42
T 2	16 54	16 21	4 0	11 53	0 28	19 10	1 3	26 54	3 29	16 6	0 53	11 23	2 20	5 33	0 48	14 18	1 47	6 30	13 24	21 28	21 15	8 14	14 31	2 41
F 3	16 36	13 0	4 33	11 11	0 16	18 52	1 5	26 53	3 28	16 7	0 53	11 25	2 19	5 34	0 48	14 18	1 46	6 31	13 24	21 26	21 14	8 12	14 31	2 41
S 4	16 19	9 8	4 53	10 30	0 3	18 33	1 6	26 52	3 27	16 9	0 53	11 26	2 19	5 34	0 49	14 18	1 46	6 31	13 24	21 24	21 14	8 10	14 32	2 41
S 5	16 1	4 57	5 1	9 49	0n11	18 13	1 8	26 50	3 25	16 10	0 52	11 27	2 19	5 35	0 49	14 18	1 46	6 31	13 23	21 22	21 13	8 7	14 32	2 41
M 6	15 42	0 35	4 56	9 10	0 26	17 53	1 9	26 49	3 24	16 12	0 52	11 28	2 19	5 36	0 49	14 18	1 46	6 32	13 23	21 19	21 13	8 5	14 32	2 41
T 7	15 24	3s50	4 37	8 33	0 41	17 33	1 11	26 48	3 23	16 14	0 52	11 30	2 18	5 37	0 49	14 19	1 46	6 32	13 23	21 17	21 12	8 2	14 32	2 41
W 8	15 5	8 7	4 7	7 58	0 56	17 12	1 12	26 47	3 22	16 16	0 52	11 31	2 18	5 38	0 49	14 19	1 46	6 32	13 22	21 16	21 12	8 0	14 33	2 41
T 9	14 46	12 8	3 24	7 25	1 12	16 50	1 13	26 46	3 21	16 17	0 51	11 32	2 18	5 39	0 49	14 19	1 46	6 32	13 22	21 15	21 11	7 58	14 33	2 41
F 10	14 27	15 43	2 32	6 56	1 29	16 28	1 14	26 45	3 19	16 19	0 51	11 34	2 18	5 40	0 49	14 19	1 46	6 33	13 22	21 14	21 10	7 55	14 33	2 41
S 11	14 7	18 40	1 31	6 30	1 45	16 6	1 16	26 44	3 18	16 21	0 51	11 35	2 17	5 40	0 49	14 20	1 46	6 33	13 22	21 14	21 10	7 53	14 34	2 41
S 12	13 47	20 45	0 24	6 7	2 1	15 43	1 17	26 43	3 17	16 23	0 51	11 37	2 17	5 41	0 49	14 20	1 46	6 33	13 21	21 14	21 9	7 51	14 34	2 41
M13	13 27	21 46	0n46	5 49	2 17	15 19	1 18	26 42	3 16	16 25	0 50	11 38	2 17	5 42	0 49	14 20	1 46	6 34	13 21	21 14	21 9	7 48	14 35	2 41
T 14	13 7	21 30	1 56	5 35	2 32	14 55	1 19	26 40	3 14	16 27	0 50	11 40	2 16	5 43	0 49	14 20	1 46	6 34	13 21	21 14	21 8	7 46	14 35	2 40
W15	12 47	19 52	3 2	5 26	2 47	14 31	1 20	26 39	3 13	16 29	0 50	11 41	2 16	5 44	0 49	14 21	1 46	6 34	13 20	21 13	21 8	7 43	14 35	2 40
T 16	12 26	16 52	3 57	5 22	3 0	14 7	1 21	26 38	3 12	16 31	0 50	11 43	2 16	5 45	0 49	14 21	1 46	6 35	13 20	21 12	21 7	7 41	14 36	2 40
F 17	12 5	12 42	4 37	5 23	3 12	13 42	1 21	26 37	3 11	16 34	0 49	11 45	2 16	5 46	0 49	14 21	1 46	6 35	13 20	21 10	21 6	7 39	14 36	2 40
S 18	11 44	7 39	4 58	5 28	3 22	13 16	1 22	26 36	3 9	16 36	0 49	11 46	2 15	5 47	0 49	14 21	1 46	6 35	13 19	21 8	21 6	7 36	14 37	2 40
S 19	11 23	2 8	4 57	5 38	3 31	12 51	1 23	26 35	3 8	16 38	0 49	11 48	2 15	5 48	0 49	14 22	1 45	6 36	13 19	21 6	21 5	7 34	14 37	2 40
M20	11 1	3n27	4 36	5 52	3 37	12 25	1 23	26 34	3 7	16 40	0 49	11 50	2 15	5 49	0 49	14 22	1 45	6 36	13 19	21 4	21 5	7 32	14 38	2 40
T 21	10 40	8 44	3 56	6 10	3 42	11 58	1 24	26 32	3 6	16 43	0 48	11 51	2 15	5 50	0 49	14 22	1 45	6 36	13 18	21 2	21 4	7 29	14 38	2 40
W22	10 18	13 21	3 2	6 31	3 44	11 32	1 24	26 31	3 4	16 45	0 48	11 53	2 14	5 51	0 49	14 23	1 45	6 37	13 18	21 1	21 3	7 27	14 39	2 40
T 23	9 56	17 4	1 59	6 54	3 43	11 5	1 25	26 30	3 3	16 47	0 48	11 55	2 14	5 52	0 49	14 23	1 45	6 37	13 18	21 1	21 3	7 24	14 39	2 40
F 24	9 34	19 45	0 51	7 20	3 41	10 37	1 25	26 29	3 2	16 50	0 48	11 57	2 14	5 53	0 49	14 23	1 45	6 37	13 17	21 1	21 2	7 22	14 40	2 40
S 25	9 12	21 18	0s17	7 46	3 37	10 10	1 26	26 28	3 0	16 52	0 47	11 58	2 14	5 54	0 49	14 24	1 45	6 38	13 17	21 1	21 2	7 20	14 41	2 40
S 26	8 50	21 43	1 23	8 14	3 30	9 42	1 26	26 26	2 59	16 55	0 47	12 0	2 13	5 55	0 49	14 24	1 45	6 38	13 17	21 0	21 1	7 17	14 41	2 40
M27	8 27	21 3	2 23	8 41	3 22	9 14	1 26	26 25	2 58	16 57	0 47	12 2	2 13	5 56	0 49	14 25	1 45	6 39	13 17	21 0	21 1	7 15	14 42	2 39
T 28	8s 5	19n25	3s16	9s 8	3n12	8s45	1s26	26n24	2n57	17n 0	0s47	12n 4	2s13	5n57	0n49	14n25	1s45	6n39	13s16	20s59	21s 0	7n13	14n42	2s39

Julian Day Number = 2408477.5, Delta T = -3.96 sec
Ecliptic obliquity = 23°27'13, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°05'37, Lahiri = 22°12'37

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ASTRODIENST EPHEMERIS for the year 1882
geocentric

MARCH 1882 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 34 47	10♓20'08	26♋31	27°R19	12♓18	0♋44	20♉ 7	8♉ 2	16°R48	14♉ 9	27♉25	4°R 2	4♐ 9	28♌34	18♉14	W 1
T 2	10 38 44	11°20'16	8♌24	26♒39	13°33	1° 0	20°16	8° 7	16♍45	14°10	27°25	3♐52	4° 6	28°41	18°16	T 2
F 3	10 42 40	12°20'23	20°16	26° 5	14°48	1°17	20°25	8°12	16°43	14°11	27°26	3°40	4° 3	28°48	18°19	F 3
S 4	10 46 37	13°20'27	2♍ 8	25°39	16° 2	1°34	20°34	8°18	16°40	14°13	27°26	3°26	4° 0	28°54	18°21	S 4
S 5	10 50 33	14°20'29	14° 2	25°19	17°17	1°51	20°43	8°23	16°37	14°14	27°27	3°11	3°57	29° 1	18°23	S 5
M 6	10 54 30	15°20'30	26° 0	25° 6	18°32	2° 9	20°52	8°29	16°35	14°15	27°27	2°57	3°53	29° 8	18°26	M 6
T 7	10 58 26	16°20'29	8♎ 1	25°D 0	19°47	2°27	21° 2	8°35	16°32	14°17	27°28	2°45	3°50	29°14	18°28	T 7
W 8	11 2 23	17°20'26	20° 9	25° 0	21° 2	2°46	21°11	8°40	16°30	14°18	27°28	2°36	3°47	29°21	18°31	W 8
T 9	11 6 19	18°20'21	2♏24	25° 6	22°17	3° 5	21°21	8°46	16°27	14°19	27°29	2°29	3°44	29°28	18°33	T 9
F 10	11 10 16	19°20'15	14°49	25°19	23°32	3°24	21°31	8°52	16°24	14°21	27°29	2°26	3°41	29°35	18°36	F 10
S 11	11 14 12	20°20'07	27°27	25°36	24°46	3°44	21°41	8°58	16°22	14°22	27°30	2°D24	3°38	29°41	18°39	S 11
S 12	11 18 9	21°19'57	10♐23	25°59	26° 1	4° 4	21°51	9° 4	16°19	14°24	27°31	2°24	3°34	29°48	18°41	S 12
M13	11 22 6	22°19'45	23°38	26°27	27°16	4°25	22° 1	9°10	16°16	14°25	27°31	2°R25	3°31	29°55	18°44	M13
T 14	11 26 2	23°19'32	7♑18	26°59	28°31	4°45	22°11	9°16	16°14	14°27	27°32	2°24	3°28	0♍ 2	18°47	T 14
W15	11 29 59	24°19'18	21°23	27°36	29°45	5° 7	22°22	9°22	16°11	14°28	27°33	2°21	3°25	0° 8	18°50	W15
T 16	11 33 55	25°19'01	5♒52	28°17	1♈ 0	5°28	22°32	9°28	16° 9	14°30	27°33	2°16	3°22	0°15	18°53	T 16
F 17	11 37 52	26°18'43	20°44	29° 1	2°15	5°50	22°43	9°35	16° 6	14°32	27°34	2° 8	3°18	0°22	18°56	F 17
S 18	11 41 48	27°18'23	5♓51	29°49	3°29	6°12	22°54	9°41	16° 4	14°33	27°35	1°59	3°15	0°28	18°59	S 18
S 19	11 45 45	28°18'01	21° 3	0♓41	4°44	6°34	23° 4	9°47	16° 1	14°35	27°35	1°49	3°12	0°35	19° 2	S 19
M20	11 49 41	29°17'37	6♈10	1°35	5°59	6°57	23°15	9°54	15°58	14°37	27°36	1°40	3° 9	0°42	19° 5	M20
T 21	11 53 38	0♈17'11	21° 1	2°33	7°13	7°20	23°26	10° 0	15°56	14°38	27°37	1°32	3° 6	0°49	19° 8	T 21
W22	11 57 35	1°16'43	5♉30	3°33	8°28	7°43	23°37	10° 7	15°53	14°40	27°38	1°27	3° 3	0°55	19°11	W22
T 23	12 1 31	2°16'12	19°30	4°36	9°42	8° 7	23°48	10°14	15°51	14°42	27°39	1°24	2°59	1° 2	19°14	T 23
F 24	12 5 28	3°15'40	3♊ 2	5°41	10°57	8°31	24° 0	10°20	15°48	14°44	27°39	1°D24	2°56	1° 9	19°18	F 24
S 25	12 9 24	4°15'05	16° 7	6°49	12°12	8°55	24°11	10°27	15°46	14°45	27°40	1°24	2°53	1°16	19°21	S 25
S 26	12 13 21	5°14'28	28°47	7°59	13°26	9°19	24°23	10°34	15°44	14°47	27°41	1°25	2°50	1°22	19°24	S 26
M27	12 17 17	6°13'48	11♋ 9	9°11	14°41	9°44	24°34	10°40	15°41	14°49	27°42	1°R25	2°47	1°29	19°28	M27
T 28	12 21 14	7°13'07	23°15	10°25	15°55	10° 8	24°46	10°47	15°39	14°51	27°43	1°24	2°44	1°36	19°31	T 28
W29	12 25 10	8°12'23	5♌13	11°41	17° 9	10°34	24°57	10°54	15°36	14°53	27°44	1°20	2°40	1°42	19°34	W29
T 30	12 29 7	9°11'36	17° 5	12°59	18°24	10°59	25° 9	11° 1	15°34	14°55	27°45	1°14	2°37	1°49	19°38	T 30
F 31	12 33 4	10♈10'47	28♌56	14♓19	19♈38	11♋24	25♉21	11♉ 8	15♍32	14♉57	27♉46	1♐ 6	2♐34	1♍56	19♉41	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s42	16n57	3s59	9s34	3n 1	8s17	1s26	26n23	2n55	17n 2	0s47	12n 6	2s13	5n58	0n49	14n25	1s45	6n39	13s16	20s58	20s59	7n10	14n43	2s39
T 2	7 19	13 48	4 31	9 59	2 49	7 48	1 26	26 21	2 54	17 5	0 46	12 8	2 13	5 59	0 49	14 26	1 45	6 40	13 16	20 56	20 59	7 8	14 44	2 39
F 3	6 56	10 7	4 52	10 23	2 36	7 19	1 26	26 20	2 53	17 7	0 46	12 10	2 12	6 0	0 49	14 26	1 45	6 40	13 15	20 54	20 58	7 6	14 44	2 39
S 4	6 33	6 3	5 0	10 44	2 23	6 50	1 26	26 18	2 52	17 10	0 46	12 12	2 12	6 1	0 49	14 27	1 45	6 40	13 15	20 51	20 58	7 3	14 45	2 39
S 5	6 10	1 45	4 54	11 4	2 9	6 20	1 26	26 17	2 51	17 12	0 46	12 14	2 12	6 2	0 49	14 27	1 45	6 41	13 15	20 48	20 57	7 1	14 46	2 39
M 6	5 47	2s38	4 36	11 21	1 55	5 51	1 26	26 15	2 49	17 15	0 45	12 16	2 12	6 3	0 49	14 28	1 45	6 41	13 14	20 46	20 56	6 58	14 47	2 39
T 7	5 24	6 57	4 6	11 37	1 41	5 21	1 25	26 14	2 48	17 18	0 45	12 18	2 11	6 4	0 49	14 28	1 45	6 42	13 14	20 43	20 56	6 56	14 47	2 39
W 8	5 0	11 1	3 24	11 50	1 27	4 51	1 25	26 12	2 47	17 21	0 45	12 20	2 11	6 5	0 49	14 28	1 45	6 42	13 14	20 42	20 55	6 54	14 48	2 39
T 9	4 37	14 41	2 32	12 1	1 13	4 21	1 24	26 11	2 46	17 23	0 45	12 22	2 11	6 6	0 49	14 29	1 44	6 42	13 14	20 40	20 55	6 51	14 49	2 39
F 10	4 13	17 45	1 32	12 10	0 59	3 51	1 24	26 9	2 45	17 26	0 45	12 24	2 11	6 7	0 49	14 29	1 44	6 43	13 13	20 40	20 54	6 49	14 50	2 39
S 11	3 50	20 2	0 26	12 17	0 45	3 21	1 23	26 7	2 43	17 29	0 44	12 26	2 11	6 8	0 49	14 30	1 44	6 43	13 13	20 39	20 53	6 47	14 50	2 39
S 12	3 26	21 19	0n42	12 22	0 32	2 51	1 23	26 6	2 42	17 32	0 44	12 28	2 10	6 9	0 49	14 30	1 44	6 44	13 13	20 39	20 53	6 44	14 51	2 39
M13	3 3	21 28	1 50	12 24	0 19	2 20	1 22	26 4	2 41	17 34	0 44	12 30	2 10	6 10	0 49	14 31	1 44	6 44	13 12	20 39	20 52	6 42	14 52	2 39
T 14	2 39	20 21	2 54	12 25	0 7	1 50	1 21	26 2	2 40	17 37	0 44	12 32	2 10	6 11	0 49	14 31	1 44	6 44	13 12	20 39	20 52	6 39	14 53	2 39
W15	2 15	17 59	3 49	12 24	0s 5	1 20	1 20	26 0	2 39	17 40	0 44	12 34	2 10	6 12	0 49	14 32	1 44	6 45	13 12	20 39	20 51	6 37	14 54	2 38
T 16	1 52	14 25	4 32	12 20	0 17	0 49	1 19	25 58	2 38	17 43	0 43	12 36	2 10	6 13	0 49	14 32	1 44	6 45	13 12	20 38	20 50	6 35	14 54	2 38
F 17	1 28	9 54	4 57	12 15	0 28	0 18	1 19	25 56	2 36	17 46	0 43	12 39	2 9	6 14	0 49	14 33	1 44	6 46	13 11	20 36	20 50	6 32	14 55	2 38
S 18	1 4	4 41	5 2	12 8	0 39	0n12	1 18	25 54	2 35	17 49	0 43	12 41	2 9	6 15	0 49	14 33	1 44	6 46	13 11	20 34	20 49	6 30	14 56	2 38
S 19	0 41	0n50	4 46	12 0	0 49	0 43	1 16	25 51	2 34	17 52	0 43	12 43	2 9	6 16	0 49	14 34	1 44	6 47	13 11	20 32	20 49	6 28	14 57	2 38
M20	0 17	6 17	4 10	11 50	0 58	1 13	1 15	25 49	2 33	17 55	0 43	12 45	2 9	6 17	0 49	14 34	1 44	6 47	13 11	20 30	20 48	6 25	14 58	2 38
T 21	0n 7	11 16	3 18	11 38	1 8	1 44	1 14	25 47	2 32	17 57	0 43	12 47	2 9	6 18	0 49	14 35	1 44	6 47	13 10	20 29	20 47	6 23	14 59	2 38
W22	0 31	15 28	2 14	11 24	1 16	2 15	1 13	25 44	2 31	18 0	0 42	12 49	2 9	6 19	0 49	14 36	1 44	6 48	13 10	20 28	20 47	6 20	15 0	2 38
T 23	0 54	18 38	1 3	11 9	1 25	2 45	1 12	25 42	2 30	18 3	0 42	12 52	2 8	6 20	0 49	14 36	1 44	6 48	13 10	20 27	20 46	6 18	15 0	2 38
F 24	1 18	20 38	0s 9	10 52	1 32	3 16	1 10	25 39	2 29	18 6	0 42	12 54	2 8	6 21	0 49	14 37	1 44	6 49	13 10	20 27	20 46	6 16	15 1	2 38
S 25	1 41	21 26	1 18	10 34	1 40	3 46	1 9	25 37	2 28	18 9	0 42	12 56	2 8	6 22	0 49	14 37	1 44	6 49	13 9	20 27	20 45	6 13	15 2	2 38
S 26	2 5	21 6	2 21	10 14	1 47	4 16	1 7	25 34	2 27	18 12	0 42	12 58	2 8	6 23	0 49	14 38	1 44	6 50	13 9	20 27	20 44	6 11	15 3	2 38
M27	2 29	19 44	3 16	9 52	1 53	4 46	1 6	25 31	2 26	18 15	0 41	13 1	2 8	6 24	0 49	14 38	1 44	6 50	13 9	20 27	20 44	6 9	15 4	2 38
T 28	2 52	17 29	4 1	9 30	1 59	5 17	1 4	25 28	2 24	18 18	0 41	13 3	2 8	6 25	0 49	14 39	1 44	6 50	13 9	20 27	20 43	6 6	15 5	2 38
W29	3 15	14 31	4 35	9 6	2 4	5 47	1 3	25 25	2 23	18 21	0 41	13 5	2 7	6 26	0 49	14 40	1 44	6 51	13 8	20 26	20 42	6 4	15 6	2 38
T 30	3 39	11 0	4 57	8 40	2 9	6 16	1 1	25 22	2 22	18 24	0 41	13 7	2 7	6 27	0 49	14 40	1 44	6 51	13 8	20 25	20 42	6 1	15 7	2 38
F 31	4n 2	7n 4	5s 6	8s13	2s13	6n46	0s59	25n19	2n21	18n27	0s41	13n10	2s 7	6n27	0n49	14n41	1s44	6n52	13s 8	20s24	20s41	5n59	15n 8	2s38

Julian Day Number = 2408505.5, Delta T = -3.98 sec
Ecliptic obliquity = 23°27'13, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°05'41, Lahiri = 22°12'41

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ASTRODIENST EPHEMERIS for the year 1882
geocentric

APRIL 1882 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 37 0	11♈ 9'56	10♍50	15♓41	20♈53	11♋50	25♉33	11♉15	15°R29	14♉58	27♉47	0°R57	2♐31	2♍ 3	19♉45	S 1
S 2	12 40 57	12° 9'03	22°47	17° 4	22° 7	12°16	25°45	11°22	15♍27	15° 0	27°48	0♐48	2°28	2° 9	19°49	S 2
M 3	12 44 53	13° 8'08	4♎51	18°29	23°21	12°42	25°57	11°29	15°25	15° 2	27°49	0°38	2°24	2°16	19°52	M 3
T 4	12 48 50	14° 7'11	17° 2	19°56	24°35	13° 9	26° 9	11°36	15°23	15° 4	27°50	0°31	2°21	2°23	19°56	T 4
W 5	12 52 46	15° 6'11	29°22	21°24	25°50	13°35	26°21	11°43	15°21	15° 6	27°51	0°25	2°18	2°29	20° 0	W 5
T 6	12 56 43	16° 5'10	11♏51	22°54	27° 4	14° 2	26°34	11°51	15°18	15° 8	27°52	0°21	2°15	2°36	20° 3	T 6
F 7	13 0 39	17° 4'07	24°31	24°26	28°18	14°29	26°46	11°58	15°16	15°10	27°53	0°D19	2°12	2°43	20° 7	F 7
S 8	13 4 36	18° 3'02	7♐23	25°59	29°32	14°56	26°58	12° 5	15°14	15°12	27°54	0°19	2° 9	2°50	20°11	S 8
S 9	13 8 32	19° 1'56	20°29	27°34	0♑46	15°24	27°11	12°12	15°12	15°15	27°55	0°20	2° 5	2°56	20°15	S 9
M10	13 12 29	20° 0'47	3♑51	29°11	2° 1	15°51	27°24	12°20	15°10	15°17	27°56	0°22	2° 2	3° 3	20°19	M10
T 11	13 16 26	20°59'37	17°30	0♈48	3°15	16°19	27°36	12°27	15° 8	15°19	27°57	0°R22	1°59	3°10	20°23	T 11
W12	13 20 22	21°58'25	1♒28	2°28	4°29	16°47	27°49	12°34	15° 6	15°21	27°58	0°22	1°56	3°17	20°26	W12
T 13	13 24 19	22°57'12	15°44	4° 9	5°43	17°15	28° 2	12°42	15° 4	15°23	28° 0	0°20	1°53	3°23	20°30	T 13
F 14	13 28 15	23°55'56	0♓16	5°52	6°57	17°43	28°14	12°49	15° 2	15°25	28° 1	0°17	1°50	3°30	20°34	F 14
S 15	13 32 12	24°54'39	14°59	7°36	8°11	18°12	28°27	12°57	15° 1	15°27	28° 2	0°12	1°46	3°37	20°38	S 15
S 16	13 36 8	25°53'20	29°48	9°22	9°25	18°40	28°40	13° 4	14°59	15°29	28° 3	0° 7	1°43	3°43	20°42	S 16
M17	13 40 5	26°52'00	14♈34	11° 9	10°39	19° 9	28°53	13°12	14°57	15°31	28° 4	0° 2	1°40	3°50	20°46	M17
T 18	13 44 1	27°50'37	29°10	12°58	11°53	19°38	29° 6	13°19	14°55	15°34	28° 5	29♏58	1°37	3°57	20°51	T 18
W19	13 47 58	28°49'13	13♉29	14°49	13° 7	20° 7	29°19	13°27	14°54	15°36	28° 7	29°56	1°34	4° 4	20°55	W19
T 20	13 51 55	29°47'47	27°26	16°41	14°21	20°36	29°32	13°34	14°52	15°38	28° 8	29°D55	1°30	4°10	20°59	T 20
F 21	13 55 51	0♉46'19	10♊59	18°35	15°35	21° 6	29°45	13°42	14°50	15°40	28° 9	29°55	1°27	4°17	21° 3	F 21
S 22	13 59 48	1°44'48	24° 7	20°31	16°48	21°35	29°59	13°50	14°49	15°42	28°10	29°56	1°24	4°24	21° 7	S 22
S 23	14 3 44	2°43'16	6♋52	22°28	18° 2	22° 5	0♊12	13°57	14°47	15°45	28°11	29°58	1°21	4°30	21°11	S 23
M24	14 7 41	3°41'41	19°18	24°27	19°16	22°35	0°25	14° 5	14°46	15°47	28°13	29°59	1°18	4°37	21°15	M24
T 25	14 11 37	4°40'05	1♌28	26°27	20°30	23° 5	0°39	14°12	14°45	15°49	28°14	0°R 0	1°15	4°44	21°19	T 25
W26	14 15 34	5°38'26	13°28	28°29	21°43	23°35	0°52	14°20	14°43	15°51	28°15	0♐ 0	1°11	4°51	21°24	W26
T 27	14 19 30	6°36'45	25°22	0♉32	22°57	24° 5	1° 5	14°28	14°42	15°53	28°16	29♏59	1° 8	4°57	21°28	T 27
F 28	14 23 27	7°35'02	7♍14	2°36	24°11	24°35	1°19	14°35	14°41	15°56	28°18	29°56	1° 5	5° 4	21°32	F 28
S 29	14 27 24	8°33'17	19° 9	4°42	25°25	25° 6	1°32	14°43	14°39	15°58	28°19	29°53	1° 2	5°11	21°36	S 29
S 30	14 31 20	9♉31'30	1♎10	6♉49	26♉38	25♋36	1♊46	14♉51	14♍38	16♉ 0	28♉20	29♏50	0♐59	5♍18	21♉41	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n25	2n51	5s 2	7s45	2s17	7n16	0s58	25n15	2n20	18n30	0s41	13n12	2s 7	6n28	0n49	14n41	1s43	6n52	13s 8	20s22	20s41	5n57	15n 9	2s38
S 2	4 48	1s29	4 44	7 16	2 20	7 45	0 56	25 12	2 19	18 33	0 40	13 14	2 7	6 29	0 49	14 42	1 43	6 52	13 7	20 20	20 40	5 54	15 10	2 38
M 3	5 11	5 49	4 14	6 45	2 23	8 15	0 54	25 8	2 18	18 36	0 40	13 17	2 7	6 30	0 49	14 43	1 43	6 53	13 7	20 18	20 39	5 52	15 11	2 38
T 4	5 34	9 57	3 32	6 13	2 25	8 44	0 52	25 5	2 17	18 39	0 40	13 19	2 7	6 31	0 49	14 43	1 43	6 53	13 7	20 16	20 39	5 50	15 12	2 38
W 5	5 57	13 44	2 39	5 40	2 27	9 12	0 50	25 1	2 16	18 42	0 40	13 21	2 6	6 32	0 49	14 44	1 43	6 54	13 7	20 15	20 38	5 47	15 13	2 38
T 6	6 20	16 57	1 38	5 6	2 29	9 41	0 48	24 57	2 15	18 45	0 40	13 24	2 6	6 32	0 49	14 44	1 43	6 54	13 6	20 14	20 37	5 45	15 14	2 38
F 7	6 43	19 25	0 31	4 30	2 30	10 10	0 46	24 53	2 14	18 48	0 40	13 26	2 6	6 33	0 49	14 45	1 43	6 55	13 6	20 14	20 37	5 42	15 15	2 38
S 8	7 5	20 56	0n38	3 53	2 30	10 38	0 44	24 49	2 13	18 51	0 39	13 28	2 6	6 34	0 49	14 46	1 43	6 55	13 6	20 14	20 36	5 40	15 16	2 38
S 9	7 27	21 20	1 47	3 15	2 30	11 6	0 42	24 45	2 12	18 54	0 39	13 31	2 6	6 35	0 48	14 46	1 43	6 55	13 6	20 14	20 36	5 38	15 17	2 38
M10	7 50	20 32	2 52	2 37	2 29	11 33	0 40	24 41	2 11	18 57	0 39	13 33	2 6	6 36	0 48	14 47	1 43	6 56	13 6	20 14	20 35	5 35	15 18	2 38
T 11	8 12	18 32	3 48	1 57	2 28	12 1	0 38	24 37	2 10	19 0	0 39	13 35	2 6	6 36	0 48	14 47	1 43	6 56	13 5	20 14	20 34	5 33	15 19	2 38
W12	8 34	15 25	4 32	1 15	2 26	12 28	0 35	24 32	2 10	19 3	0 39	13 37	2 6	6 37	0 48	14 48	1 43	6 57	13 5	20 14	20 34	5 31	15 20	2 38
T 13	8 56	11 20	5 1	0 33	2 24	12 55	0 33	24 28	2 9	19 6	0 39	13 40	2 6	6 38	0 48	14 49	1 43	6 57	13 5	20 14	20 33	5 28	15 21	2 38
F 14	9 17	6 32	5 11	0n10	2 22	13 21	0 31	24 23	2 8	19 9	0 39	13 42	2 5	6 38	0 48	14 49	1 43	6 58	13 5	20 13	20 32	5 26	15 22	2 38
S 15	9 39	1 18	5 1	0 54	2 18	13 48	0 29	24 18	2 7	19 12	0 38	13 44	2 5	6 39	0 48	14 50	1 43	6 58	13 5	20 12	20 32	5 23	15 23	2 38
S 16	10 0	4n 3	4 30	1 39	2 15	14 13	0 26	24 14	2 6	19 15	0 38	13 47	2 5	6 40	0 48	14 51	1 43	6 58	13 5	20 11	20 31	5 21	15 24	2 38
M17	10 22	9 10	3 42	2 25	2 10	14 39	0 24	24 9	2 5	19 18	0 38	13 49	2 5	6 40	0 48	14 51	1 43	6 59	13 4	20 10	20 30	5 19	15 25	2 38
T 18	10 43	13 41	2 40	3 12	2 6	15 4	0 22	24 4	2 4	19 21	0 38	13 51	2 5	6 41	0 48	14 52	1 43	6 59	13 4	20 9	20 30	5 16	15 26	2 38
W19	11 4	17 18	1 29	3 59	2 1	15 29	0 19	23 58	2 3	19 24	0 38	13 54	2 5	6 42	0 48	14 53	1 43	7 0	13 4	20 9	20 29	5 14	15 27	2 38
T 20	11 24	19 49	0 14	4 48	1 55	15 53	0 17	23 53	2 2	19 27	0 38	13 56	2 5	6 42	0 48	14 53	1 43	7 0	13 4	20 9	20 28	5 12	15 28	2 38
F 21	11 45	21 6	1s 0	5 37	1 49	16 17	0 14	23 48	2 1	19 30	0 38	13 58	2 5	6 43	0 48	14 54	1 43	7 0	13 4	20 9	20 28	5 9	15 29	2 38
S 22	12 5	21 11	2 9	6 27	1 42	16 41	0 12	23 42	2 0	19 33	0 37	14 1	2 5	6 43	0 48	14 55	1 43	7 1	13 4	20 9	20 27	5 7	15 30	2 38
S 23	12 25	20 8	3 9	7 17	1 35	17 4	0 9	23 36	1 59	19 36	0 37	14 3	2 5	6 44	0 48	14 55	1 43	7 1	13 3	20 9	20 27	5 4	15 31	2 38
M24	12 45	18 8	3 58	8 8	1 27	17 27	0 7	23 31	1 59	19 39	0 37	14 5	2 5	6 44	0 48	14 56	1 43	7 2	13 3	20 10	20 26	5 2	15 32	2 38
T 25	13 5	15 21	4 36	8 59	1 19	17 49	0 4	23 25	1 58	19 42	0 37	14 8	2 5	6 45	0 48	14 56	1 43	7 2	13 3	20 10	20 25	5 0	15 33	2 38
W26	13 25	11 58	5 1	9 50	1 11	18 11	0 2	23 19	1 57	19 45	0 37	14 10	2 4	6 45	0 48	14 57	1 43	7 2	13 3	20 10	20 25	4 57	15 34	2 38
T 27	13 44	8 9	5 13	10 42	1 2	18 32	0n 1	23 13	1 56	19 47	0 37	14 12	2 4	6 46	0 48	14 58	1 43	7 3	13 3	20 9	20 24	4 55	15 36	2 38
F 28	14 3	4 2	5 12	11 34	0 52	18 53	0 3	23 6	1 55	19 50	0 37	14 15	2 4	6 46	0 48	14 58	1 43	7 3	13 3	20 9	20 23	4 53	15 37	2 38
S 29	14 22	0s15	4 57	12 26	0 43	19 13	0 6	23 0	1 54	19 53	0 37	14 17	2 4	6 47	0 48	14 59	1 43	7 4	13 3	20 8	20 23	4 50	15 38	2 38
S 30	14n40	4s34	4s29	13n17	0s33	19n33	0n 8	22n53	1n53	19n56	0s36	14n19	2s 4	6n47	0n48	15n 0	1s43	7n 4	13s 2	20s 8	20s22	4n48	15n39	2s38

Julian Day Number = 2408536.5, Delta T = -4.00 sec
Ecliptic obliquity = 23°27'13, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°05'45, Lahiri = 22°12'46

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ASTRODIENST EPHEMERIS for the year 1882
geocentric

MAY 1882 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 35 17	10♉29'41	13♎21	8♉57	27♉52	26♋ 7	1♊59	14♉59	14°R37	16♉ 2	28♉22	29°R47	0♐55	5♍24	21♉45	M 1
T 2	14 39 13	11°27'50	25°42	11° 6	29° 5	26°38	2°13	15° 6	14♍36	16° 5	28°23	29♏44	0°52	5°31	21°49	T 2
W 3	14 43 10	12°25'58	8♏16	13°16	0♊19	27° 9	2°27	15°14	14°35	16° 7	28°24	29°43	0°49	5°38	21°54	W 3
T 4	14 47 6	13°24'04	21° 3	15°26	1°32	27°40	2°40	15°22	14°34	16° 9	28°26	29°42	0°46	5°44	21°58	T 4
F 5	14 51 3	14°22'08	4♐ 4	17°36	2°46	28°11	2°54	15°29	14°33	16°11	28°27	29°D41	0°43	5°51	22° 2	F 5
S 6	14 54 59	15°20'11	17°18	19°46	3°59	28°42	3° 8	15°37	14°32	16°14	28°28	29°42	0°40	5°58	22° 6	S 6
S 7	14 58 56	16°18'12	0♑45	21°55	5°13	29°14	3°21	15°45	14°31	16°16	28°29	29°43	0°36	6° 5	22°11	S 7
M 8	15 2 53	17°16'12	14°24	24° 4	6°26	29°45	3°35	15°52	14°31	16°18	28°31	29°44	0°33	6°11	22°15	M 8
T 9	15 6 49	18°14'10	28°15	26°12	7°39	0♌17	3°49	16° 0	14°30	16°20	28°32	29°45	0°30	6°18	22°19	T 9
W10	15 10 46	19°12'07	12♒17	28°19	8°53	0°48	4° 3	16° 8	14°29	16°23	28°34	29°45	0°27	6°25	22°24	W10
T 11	15 14 42	20°10'03	26°28	0♊24	10° 6	1°20	4°17	16°16	14°29	16°25	28°35	29°R45	0°24	6°32	22°28	T 11
F 12	15 18 39	21° 7'58	10♓46	2°28	11°19	1°52	4°30	16°23	14°28	16°27	28°36	29°45	0°21	6°38	22°33	F 12
S 13	15 22 35	22° 5'51	25° 8	4°29	12°33	2°24	4°44	16°31	14°27	16°29	28°38	29°44	0°17	6°45	22°37	S 13
S 14	15 26 32	23° 3'43	9♈30	6°28	13°46	2°56	4°58	16°39	14°27	16°32	28°39	29°43	0°14	6°52	22°41	S 14
M15	15 30 28	24° 1'34	23°49	8°25	14°59	3°28	5°12	16°46	14°27	16°34	28°40	29°43	0°11	6°58	22°46	M15
T 16	15 34 25	24°59'24	7♉58	10°19	16°12	4° 0	5°26	16°54	14°26	16°36	28°42	29°42	0° 8	7° 5	22°50	T 16
W17	15 38 22	25°57'12	21°55	12°11	17°25	4°33	5°40	17° 2	14°26	16°38	28°43	29°42	0° 5	7°12	22°54	W17
T 18	15 42 18	26°54'59	5♊36	14° 0	18°39	5° 5	5°54	17° 9	14°26	16°41	28°44	29°D42	0° 1	7°19	22°59	T 18
F 19	15 46 15	27°52'45	18°58	15°45	19°52	5°38	6° 8	17°17	14°25	16°43	28°46	29°42	29♏58	7°25	23° 3	F 19
S 20	15 50 11	28°50'29	2♋ 1	17°28	21° 5	6°10	6°22	17°25	14°25	16°45	28°47	29°42	29°55	7°32	23° 7	S 20
S 21	15 54 8	29°48'12	14°45	19° 8	22°18	6°43	6°36	17°32	14°25	16°47	28°48	29°R42	29°52	7°39	23°12	S 21
M22	15 58 4	0♊45'53	27°11	20°44	23°31	7°16	6°50	17°40	14°D25	16°50	28°50	29°42	29°49	7°45	23°16	M22
T 23	16 2 1	1°43'33	9♌23	22°17	24°44	7°49	7° 4	17°47	14°25	16°52	28°51	29°42	29°46	7°52	23°20	T 23
W24	16 5 57	2°41'11	21°25	23°48	25°57	8°22	7°18	17°55	14°25	16°54	28°52	29°42	29°42	7°59	23°25	W24
T 25	16 9 54	3°38'48	3♍20	25°14	27°10	8°55	7°32	18° 2	14°25	16°56	28°54	29°D42	29°39	8° 6	23°29	T 25
F 26	16 13 51	4°36'23	15°13	26°38	28°23	9°28	7°46	18°10	14°25	16°58	28°55	29°42	29°36	8°12	23°33	F 26
S 27	16 17 47	5°33'57	27° 9	27°58	29°36	10° 1	8° 0	18°18	14°26	17° 0	28°57	29°42	29°33	8°19	23°38	S 27
S 28	16 21 44	6°31'29	9♎12	29°15	0♋48	10°35	8°14	18°25	14°26	17° 3	28°58	29°43	29°30	8°26	23°42	S 28
M29	16 25 40	7°29'00	21°27	0♋28	2° 1	11° 8	8°28	18°32	14°26	17° 5	28°59	29°44	29°27	8°33	23°46	M29
T 30	16 29 37	8°26'30	3♏55	1°38	3°14	11°41	8°42	18°40	14°27	17° 7	29° 1	29°44	29°23	8°39	23°50	T 30
W31	16 33 33	9♊23'59	16♏41	2♋44	4♋27	12♌15	8♊56	18♉47	14♍27	17♉ 9	29♉ 2	29♏45	29♏20	8♍46	23♉55	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n59	8s46	3s48	14n 8	0s23	19n52	0n11	22n47	1n52	19n59	0s36	14n22	2s 4	6n48	0n48	15n 0	1s43	7n 4	13s 2	20s 7	20s21	4n46	15n40	2s38
T 2	15 17	12 41	2 57	14 58	0 12	20 11	0 14	22 40	1 52	20 2	0 36	14 24	2 4	6 48	0 48	15 1	1 43	7 5	13 2	20 6	20 21	4 43	15 41	2 38
W 3	15 35	16 5	1 56	15 48	0 2	20 29	0 16	22 33	1 51	20 4	0 36	14 26	2 4	6 48	0 48	15 2	1 43	7 5	13 2	20 6	20 20	4 41	15 42	2 39
T 4	15 52	18 48	0 48	16 37	0n 9	20 47	0 19	22 26	1 50	20 7	0 36	14 28	2 4	6 49	0 48	15 2	1 43	7 5	13 2	20 6	20 19	4 38	15 43	2 39
F 5	16 10	20 35	0n24	17 24	0 19	21 4	0 21	22 19	1 49	20 10	0 36	14 31	2 4	6 49	0 48	15 3	1 43	7 6	13 2	20 6	20 19	4 36	15 44	2 39
S 6	16 27	21 15	1 36	18 10	0 30	21 21	0 24	22 12	1 48	20 13	0 36	14 33	2 4	6 49	0 48	15 4	1 43	7 6	13 2	20 6	20 18	4 34	15 45	2 39
S 7	16 43	20 44	2 43	18 54	0 40	21 37	0 26	22 5	1 47	20 15	0 36	14 35	2 4	6 50	0 48	15 4	1 43	7 7	13 2	20 6	20 17	4 31	15 46	2 39
M 8	17 0	18 59	3 43	19 37	0 51	21 52	0 29	21 57	1 47	20 18	0 35	14 37	2 4	6 50	0 48	15 5	1 43	7 7	13 2	20 6	20 17	4 29	15 47	2 39
T 9	17 16	16 7	4 30	20 18	1 0	22 7	0 31	21 50	1 46	20 21	0 35	14 40	2 4	6 50	0 47	15 6	1 43	7 7	13 2	20 7	20 16	4 27	15 48	2 39
W10	17 32	12 17	5 2	20 56	1 10	22 21	0 34	21 42	1 45	20 24	0 35	14 42	2 4	6 50	0 47	15 6	1 43	7 8	13 2	20 7	20 15	4 24	15 49	2 39
T 11	17 48	7 45	5 16	21 32	1 19	22 35	0 36	21 34	1 44	20 26	0 35	14 44	2 4	6 51	0 47	15 7	1 43	7 8	13 1	20 7	20 15	4 22	15 50	2 39
F 12	18 3	2 44	5 11	22 6	1 28	22 48	0 39	21 26	1 43	20 29	0 35	14 46	2 4	6 51	0 47	15 7	1 43	7 8	13 1	20 7	20 14	4 20	15 51	2 39
S 13	18 18	2n27	4 46	22 37	1 36	23 0	0 41	21 18	1 43	20 31	0 35	14 48	2 4	6 51	0 47	15 8	1 43	7 9	13 1	20 6	20 13	4 17	15 52	2 39
S 14	18 33	7 30	4 4	23 6	1 43	23 11	0 44	21 10	1 42	20 34	0 35	14 51	2 4	6 51	0 47	15 9	1 43	7 9	13 1	20 6	20 13	4 15	15 53	2 39
M15	18 47	12 8	3 6	23 32	1 50	23 22	0 46	21 2	1 41	20 37	0 35	14 53	2 4	6 51	0 47	15 9	1 43	7 9	13 1	20 6	20 12	4 12	15 54	2 39
T 16	19 2	16 2	1 58	23 55	1 56	23 33	0 49	20 53	1 40	20 39	0 35	14 55	2 4	6 51	0 47	15 10	1 43	7 10	13 1	20 6	20 11	4 10	15 55	2 40
W17	19 15	18 57	0 43	24 16	2 1	23 42	0 51	20 45	1 39	20 42	0 34	14 57	2 4	6 51	0 47	15 11	1 43	7 10	13 1	20 6	20 11	4 8	15 56	2 40
T 18	19 29	20 43	0s33	24 35	2 6	23 51	0 53	20 36	1 39	20 44	0 34	14 59	2 4	6 51	0 47	15 11	1 43	7 10	13 1	20 6	20 10	4 5	15 57	2 40
F 19	19 42	21 15	1 45	24 51	2 10	23 59	0 56	20 27	1 38	20 47	0 34	15 1	2 4	6 52	0 47	15 12	1 43	7 11	13 1	20 6	20 9	4 3	15 58	2 40
S 20	19 55	20 37	2 50	25 4	2 13	24 7	0 58	20 19	1 37	20 49	0 34	15 4	2 4	6 52	0 47	15 12	1 43	7 11	13 1	20 6	20 9	4 1	15 59	2 40
S 21	20 7	18 55	3 45	25 15	2 15	24 14	1 0	20 10	1 36	20 52	0 34	15 6	2 4	6 52	0 47	15 13	1 43	7 11	13 1	20 6	20 8	3 58	16 0	2 40
M22	20 19	16 22	4 27	25 24	2 16	24 20	1 2	20 0	1 36	20 54	0 34	15 8	2 4	6 51	0 47	15 14	1 43	7 12	13 1	20 6	20 7	3 56	16 1	2 40
T 23	20 31	13 8	4 57	25 30	2 17	24 25	1 5	19 51	1 35	20 57	0 34	15 10	2 4	6 51	0 47	15 14	1 43	7 12	13 1	20 6	20 7	3 54	16 2	2 40
W24	20 43	9 25	5 14	25 35	2 17	24 30	1 7	19 42	1 34	20 59	0 34	15 12	2 4	6 51	0 47	15 15	1 43	7 12	13 1	20 6	20 6	3 51	16 3	2 40
T 25	20 54	5 22	5 16	25 38	2 16	24 34	1 9	19 32	1 33	21 1	0 34	15 14	2 4	6 51	0 47	15 16	1 43	7 12	13 1	20 6	20 5	3 49	16 4	2 40
F 26	21 4	1 8	5 5	25 38	2 14	24 38	1 11	19 23	1 33	21 4	0 34	15 16	2 4	6 51	0 47	15 16	1 43	7 13	13 1	20 6	20 5	3 46	16 5	2 41
S 27	21 15	3s10	4 41	25 37	2 11	24 40	1 13	19 13	1 32	21 6	0 34	15 18	2 4	6 51	0 47	15 17	1 43	7 13	13 1	20 6	20 4	3 44	16 6	2 41
S 28	21 25	7 24	4 5	25 34	2 7	24 42	1 15	19 3	1 31	21 8	0 33	15 20	2 4	6 51	0 47	15 17	1 43	7 13	13 1	20 6	20 3	3 42	16 7	2 41
M29	21 34	11 24	3 17	25 30	2 3	24 43	1 17	18 53	1 30	21 11	0 33	15 22	2 4	6 51	0 47	15 18	1 43	7 13	13 1	20 6	20 3	3 39	16 8	2 41
T 30	21 44	15 0	2 18	25 24	1 58	24 44	1 19	18 43	1 30	21 13	0 33	15 24	2 4	6 51	0 47	15 18	1 43	7 14	13 1	20 6	20 2	3 37	16 9	2 41
W31	21n52	17s59	1s12	25n17	1n52	24n43	1n21	18n33	1n29	21n15	0s33	15n26	2s 4	6n50	0n47	15n19	1s43	7n14	13s 1	20s 7	20s 1	3n35	16n 9	2s41

Julian Day Number = 2408566.5, Delta T = -4.03 sec
Ecliptic obliquity = 23°27'12, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°05'49, Lahiri = 22°12'50

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ASTRODIENST EPHEMERIS for the year 1882
geocentric

JUNE 1882 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 37 30	10♊21'27	29♏45	3♋47	5♋39	12♌49	9♊10	18♉55	14♍28	17♉11	29♉ 3	29°R45	29♏17	8♍53	23♉59	T 1
F 2	16 41 26	11°18'53	13♐ 7	4°46	6°52	13°22	9°24	19° 2	14°28	17°13	29° 5	29♏45	29°14	8°59	24° 3	F 2
S 3	16 45 23	12°16'19	26°46	5°41	8° 5	13°56	9°38	19° 9	14°29	17°15	29° 6	29°44	29°11	9° 6	24° 7	S 3
S 4	16 49 20	13°13'44	10♑40	6°32	9°17	14°30	9°52	19°17	14°29	17°17	29° 7	29°43	29° 7	9°13	24°12	S 4
M 5	16 53 16	14°11'08	24°45	7°20	10°30	15° 4	10° 6	19°24	14°30	17°19	29° 9	29°41	29° 4	9°20	24°16	M 5
T 6	16 57 13	15° 8'31	8♒59	8° 3	11°42	15°38	10°20	19°31	14°31	17°21	29°10	29°39	29° 1	9°26	24°20	T 6
W 7	17 1 9	16° 5'54	23°16	8°43	12°55	16°12	10°34	19°38	14°32	17°24	29°11	29°38	28°58	9°33	24°24	W 7
T 8	17 5 6	17° 3'16	7♓33	9°18	14° 7	16°46	10°48	19°46	14°33	17°26	29°12	29°37	28°55	9°40	24°28	T 8
F 9	17 9 2	18° 0'37	21°47	9°49	15°19	17°20	11° 2	19°53	14°33	17°28	29°14	29°D37	28°52	9°46	24°32	F 9
S 10	17 12 59	18°57'58	5♈56	10°16	16°32	17°54	11°16	20° 0	14°34	17°30	29°15	29°37	28°48	9°53	24°36	S 10
S 11	17 16 55	19°55'19	19°58	10°38	17°44	18°29	11°30	20° 7	14°35	17°32	29°16	29°38	28°45	10° 0	24°40	S 11
M12	17 20 52	20°52'39	3♉50	10°56	18°57	19° 3	11°44	20°14	14°37	17°34	29°18	29°40	28°42	10° 7	24°44	M12
T 13	17 24 49	21°49'59	17°33	11° 9	20° 9	19°37	11°57	20°21	14°38	17°35	29°19	29°41	28°39	10°13	24°48	T 13
W14	17 28 45	22°47'19	1♊ 4	11°17	21°21	20°12	12°11	20°28	14°39	17°37	29°20	29°R41	28°36	10°20	24°52	W14
T 15	17 32 42	23°44'38	14°21	11°R22	22°33	20°46	12°25	20°35	14°40	17°39	29°21	29°40	28°33	10°27	24°56	T 15
F 16	17 36 38	24°41'56	27°25	11°21	23°45	21°21	12°39	20°42	14°41	17°41	29°23	29°39	28°29	10°34	25° 0	F 16
S 17	17 40 35	25°39'14	10♋15	11°16	24°58	21°56	12°53	20°48	14°43	17°43	29°24	29°35	28°26	10°40	25° 4	S 17
S 18	17 44 31	26°36'32	22°50	11° 7	26°10	22°31	13° 7	20°55	14°44	17°45	29°25	29°31	28°23	10°47	25° 8	S 18
M19	17 48 28	27°33'48	5♌12	10°53	27°22	23° 5	13°20	21° 2	14°45	17°47	29°26	29°27	28°20	10°54	25°12	M19
T 20	17 52 25	28°31'04	17°22	10°36	28°34	23°40	13°34	21° 9	14°47	17°49	29°28	29°22	28°17	11° 0	25°16	T 20
W21	17 56 21	29°28'20	29°22	10°15	29°46	24°15	13°48	21°15	14°48	17°50	29°29	29°18	28°13	11° 7	25°20	W21
T 22	18 0 18	0♋25'35	11♍17	9°50	0♌58	24°50	14° 2	21°22	14°50	17°52	29°30	29°15	28°10	11°14	25°24	T 22
F 23	18 4 14	1°22'49	23° 9	9°22	2°10	25°25	14°15	21°28	14°52	17°54	29°31	29°14	28° 7	11°21	25°27	F 23
S 24	18 8 11	2°20'02	5♎ 4	8°52	3°21	26° 1	14°29	21°35	14°53	17°56	29°32	29°D13	28° 4	11°27	25°31	S 24
S 25	18 12 7	3°17'15	17° 7	8°19	4°33	26°36	14°42	21°41	14°55	17°57	29°34	29°14	28° 1	11°34	25°35	S 25
M26	18 16 4	4°14'28	29°21	7°45	5°45	27°11	14°56	21°48	14°57	17°59	29°35	29°16	27°58	11°41	25°38	M26
T 27	18 20 0	5°11'40	11♏52	7° 9	6°57	27°46	15°10	21°54	14°59	18° 1	29°36	29°17	27°54	11°47	25°42	T 27
W28	18 23 57	6° 8'52	24°43	6°33	8° 8	28°22	15°23	22° 0	15° 0	18° 2	29°37	29°R18	27°51	11°54	25°46	W28
T 29	18 27 53	7° 6'03	7♐58	5°58	9°20	28°57	15°37	22° 7	15° 2	18° 4	29°38	29°18	27°48	12° 1	25°49	T 29
F 30	18 31 50	8♋ 3'14	21♐36	5♋22	10♌31	29♌33	15♊50	22♉13	15♍ 4	18♉ 6	29♉39	29♏16	27♏45	12♍ 8	25♉53	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 1	20s 7	0s 0	25n 9	1n45	24n42	1n23	18n23	1n28	21n18	0s33	15n28	2s 4	6n50	0n46	15n20	1s43	7n14	13s 1	20s 7	20s 1	3n32	16n10	2s41
F 2	22 9	21 10	1n13	24 59	1 37	24 41	1 24	18 13	1 27	21 20	0 33	15 30	2 4	6 50	0 46	15 20	1 43	7 14	13 1	20 7	20 0	3 30	16 11	2 41
S 3	22 17	21 1	2 24	24 48	1 28	24 38	1 26	18 2	1 27	21 22	0 33	15 32	2 4	6 50	0 46	15 21	1 43	7 15	13 1	20 6	19 59	3 28	16 12	2 42
S 4	22 24	19 35	3 27	24 36	1 19	24 35	1 28	17 52	1 26	21 24	0 33	15 34	2 4	6 49	0 46	15 21	1 43	7 15	13 1	20 6	19 58	3 25	16 13	2 42
M 5	22 31	16 56	4 19	24 24	1 9	24 31	1 29	17 41	1 25	21 26	0 33	15 36	2 4	6 49	0 46	15 22	1 43	7 15	13 1	20 6	19 58	3 23	16 14	2 42
T 6	22 37	13 16	4 55	24 11	0 58	24 27	1 31	17 30	1 25	21 28	0 33	15 38	2 4	6 49	0 46	15 22	1 43	7 15	13 1	20 5	19 57	3 21	16 15	2 42
W 7	22 44	8 50	5 14	23 56	0 47	24 21	1 32	17 19	1 24	21 30	0 33	15 40	2 4	6 48	0 46	15 23	1 43	7 16	13 1	20 5	19 56	3 18	16 16	2 42
T 8	22 49	3 54	5 12	23 42	0 34	24 15	1 34	17 8	1 23	21 32	0 33	15 42	2 4	6 48	0 46	15 23	1 43	7 16	13 1	20 5	19 56	3 16	16 16	2 42
F 9	22 55	1n13	4 52	23 27	0 21	24 9	1 35	16 57	1 22	21 34	0 32	15 43	2 4	6 48	0 46	15 24	1 43	7 16	13 1	20 5	19 55	3 14	16 17	2 42
S 10	23 0	6 15	4 14	23 11	0 8	24 1	1 36	16 46	1 22	21 36	0 32	15 45	2 4	6 47	0 46	15 25	1 43	7 16	13 1	20 5	19 54	3 11	16 18	2 43
S 11	23 4	10 55	3 22	22 55	0s 7	23 53	1 38	16 35	1 21	21 38	0 32	15 47	2 4	6 47	0 46	15 25	1 43	7 16	13 1	20 5	19 54	3 9	16 19	2 43
M12	23 8	14 58	2 18	22 39	0 22	23 45	1 39	16 23	1 20	21 40	0 32	15 49	2 4	6 46	0 46	15 26	1 43	7 17	13 1	20 5	19 53	3 6	16 20	2 43
T 13	23 12	18 8	1 6	22 22	0 37	23 35	1 40	16 12	1 20	21 42	0 32	15 51	2 5	6 46	0 46	15 26	1 43	7 17	13 1	20 6	19 52	3 4	16 21	2 43
W14	23 15	20 16	0s 8	22 6	0 53	23 25	1 41	16 0	1 19	21 44	0 32	15 52	2 5	6 45	0 46	15 27	1 43	7 17	13 2	20 6	19 51	3 2	16 21	2 43
T 15	23 18	21 13	1 20	21 50	1 9	23 14	1 42	15 49	1 18	21 46	0 32	15 54	2 5	6 45	0 46	15 27	1 43	7 17	13 2	20 6	19 51	2 59	16 22	2 43
F 16	23 21	20 59	2 26	21 33	1 25	23 3	1 43	15 37	1 17	21 48	0 32	15 56	2 5	6 44	0 46	15 28	1 43	7 17	13 2	20 5	19 50	2 57	16 23	2 44
S 17	23 23	19 40	3 24	21 17	1 42	22 51	1 43	15 25	1 17	21 50	0 32	15 58	2 5	6 44	0 46	15 28	1 43	7 18	13 2	20 4	19 49	2 55	16 24	2 44
S 18	23 25	17 23	4 11	21 1	1 58	22 38	1 44	15 13	1 16	21 52	0 32	15 59	2 5	6 43	0 46	15 29	1 44	7 18	13 2	20 4	19 49	2 52	16 24	2 44
M19	23 26	14 22	4 45	20 46	2 15	22 25	1 45	15 1	1 15	21 53	0 32	16 1	2 5	6 43	0 46	15 29	1 44	7 18	13 2	20 3	19 48	2 50	16 25	2 44
T 20	23 27	10 47	5 6	20 31	2 31	22 11	1 45	14 49	1 15	21 55	0 32	16 3	2 5	6 42	0 46	15 30	1 44	7 18	13 2	20 2	19 47	2 48	16 26	2 44
W21	23 27	6 49	5 12	20 16	2 48	21 56	1 46	14 36	1 14	21 57	0 32	16 4	2 5	6 41	0 46	15 30	1 44	7 18	13 2	20 1	19 47	2 45	16 27	2 44
T 22	23 27	2 37	5 6	20 3	3 3	21 41	1 46	14 24	1 13	21 59	0 32	16 6	2 5	6 41	0 46	15 30	1 44	7 18	13 2	20 0	19 46	2 43	16 27	2 45
F 23	23 27	1s39	4 46	19 50	3 18	21 25	1 47	14 12	1 13	22 0	0 31	16 7	2 5	6 40	0 46	15 31	1 44	7 18	13 2	20 0	19 45	2 41	16 28	2 45
S 24	23 26	5 54	4 14	19 37	3 32	21 9	1 47	13 59	1 12	22 2	0 31	16 9	2 5	6 39	0 46	15 31	1 44	7 19	13 2	20 0	19 44	2 38	16 29	2 45
S 25	23 25	9 57	3 30	19 26	3 46	20 52	1 47	13 46	1 11	22 3	0 31	16 11	2 6	6 39	0 45	15 32	1 44	7 19	13 3	20 0	19 44	2 36	16 29	2 45
M26	23 23	13 41	2 36	19 16	3 58	20 35	1 47	13 34	1 11	22 5	0 31	16 12	2 6	6 38	0 45	15 32	1 44	7 19	13 3	20 0	19 43	2 34	16 30	2 45
T 27	23 21	16 53	1 34	19 7	4 9	20 17	1 47	13 21	1 10	22 7	0 31	16 14	2 6	6 37	0 45	15 33	1 44	7 19	13 3	20 1	19 42	2 31	16 31	2 46
W28	23 19	19 22	0 25	18 59	4 19	19 58	1 47	13 8	1 9	22 8	0 31	16 15	2 6	6 36	0 45	15 33	1 44	7 19	13 3	20 1	19 42	2 29	16 31	2 46
T 29	23 16	20 53	0n47	18 52	4 27	19 39	1 47	12 55	1 8	22 10	0 31	16 17	2 6	6 36	0 45	15 33	1 44	7 19	13 3	20 1	19 41	2 27	16 32	2 46
F 30	23n12	21s13	1n58	18n46	4s34	19n20	1n47	12n42	1n 8	22n11	0s31	16n18	2s 6	6n35	0n45	15n34	1s44	7n19	13s 3	20s 0	19s40	2n24	16n33	2s46

Julian Day Number = 2408597.5, Delta T = -4.05 sec
Ecliptic obliquity = 23°27'11, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°05'54, Lahiri = 22°12'54

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ASTRODIENST EPHEMERIS for the year 1882
geocentric

JULY 1882 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 35 47	9♋ 0'25	5♉37	4°R49	11♌43	0♍ 8	16♊ 3	22♉19	15♍ 6	18♉ 7	29♉40	29°R13	27♏42	12♍14	25♉56	S 1
S 2	18 39 43	9°57'36	19°56	4♋17	12°54	0°44	16°17	22°25	15° 8	18° 9	29°41	29♏ 7	27°39	12°21	26° 0	S 2
M 3	18 43 40	10°54'47	4♒30	3°48	14° 6	1°20	16°30	22°31	15°10	18°10	29°42	29° 1	27°35	12°28	26° 3	M 3
T 4	18 47 36	11°51'58	19°10	3°22	15°17	1°55	16°43	22°37	15°13	18°12	29°43	28°55	27°32	12°34	26° 6	T 4
W 5	18 51 33	12°49'09	3♓49	2°59	16°28	2°31	16°57	22°43	15°15	18°13	29°45	28°50	27°29	12°41	26°10	W 5
T 6	18 55 29	13°46'20	18°22	2°40	17°39	3° 7	17°10	22°49	15°17	18°15	29°46	28°45	27°26	12°48	26°13	T 6
F 7	18 59 26	14°43'32	2♈43	2°25	18°51	3°43	17°23	22°55	15°19	18°16	29°47	28°43	27°23	12°55	26°16	F 7
S 8	19 3 23	15°40'44	16°50	2°15	20° 2	4°19	17°36	23° 0	15°21	18°18	29°48	28°D42	27°19	13° 1	26°20	S 8
S 9	19 7 19	16°37'57	0♉41	2°10	21°13	4°55	17°49	23° 6	15°24	18°19	29°49	28°43	27°16	13° 8	26°23	S 9
M10	19 11 16	17°35'10	14°17	2°D10	22°24	5°31	18° 2	23°11	15°26	18°20	29°50	28°44	27°13	13°15	26°26	M10
T 11	19 15 12	18°32'24	27°39	2°15	23°35	6° 7	18°15	23°17	15°29	18°22	29°51	28°R45	27°10	13°22	26°29	T 11
W12	19 19 9	19°29'38	10♊47	2°26	24°46	6°43	18°28	23°22	15°31	18°23	29°51	28°44	27° 7	13°28	26°32	W12
T 13	19 23 5	20°26'53	23°42	2°41	25°57	7°19	18°41	23°28	15°34	18°24	29°52	28°41	27° 4	13°35	26°35	T 13
F 14	19 27 2	21°24'08	6♋26	3° 2	27° 7	7°56	18°54	23°33	15°36	18°26	29°53	28°36	27° 0	13°42	26°38	F 14
S 15	19 30 58	22°21'24	19° 0	3°29	28°18	8°32	19° 6	23°38	15°39	18°27	29°54	28°29	26°57	13°48	26°41	S 15
S 16	19 34 55	23°18'40	1♌22	4° 1	29°29	9° 8	19°19	23°43	15°41	18°28	29°55	28°20	26°54	13°55	26°44	S 16
M17	19 38 52	24°15'56	13°35	4°38	0♍39	9°45	19°32	23°49	15°44	18°29	29°56	28°10	26°51	14° 2	26°47	M17
T 18	19 42 48	25°13'13	25°39	5°21	1°50	10°21	19°44	23°54	15°47	18°30	29°57	27°59	26°48	14° 9	26°50	T 18
W19	19 46 45	26°10'30	7♍36	6° 9	3° 0	10°58	19°57	23°58	15°49	18°31	29°58	27°50	26°45	14°15	26°52	W19
T 20	19 50 41	27° 7'47	19°28	7° 3	4°11	11°35	20° 9	24° 3	15°52	18°32	29°58	27°42	26°41	14°22	26°55	T 20
F 21	19 54 38	28° 5'04	1♎19	8° 2	5°21	12°11	20°22	24° 8	15°55	18°33	29°59	27°36	26°38	14°29	26°58	F 21
S 22	19 58 34	29° 2'22	13°12	9° 6	6°31	12°48	20°34	24°13	15°58	18°35	0♊ 0	27°33	26°35	14°35	27° 0	S 22
S 23	20 2 31	29°59'41	25°12	10°14	7°42	13°25	20°46	24°17	16° 1	18°36	0° 1	27°D31	26°32	14°42	27° 3	S 23
M24	20 6 27	0♌56'59	7♏24	11°28	8°52	14° 2	20°59	24°22	16° 4	18°36	0° 2	27°31	26°29	14°49	27° 5	M24
T 25	20 10 24	1°54'19	19°53	12°47	10° 2	14°39	21°11	24°26	16° 6	18°37	0° 2	27°32	26°25	14°56	27° 8	T 25
W26	20 14 21	2°51'38	2♐43	14°10	11°12	15°16	21°23	24°31	16° 9	18°38	0° 3	27°R32	26°22	15° 2	27°10	W26
T 27	20 18 17	3°48'58	16° 0	15°38	12°22	15°53	21°35	24°35	16°12	18°39	0° 4	27°31	26°19	15° 9	27°12	T 27
F 28	20 22 14	4°46'19	29°44	17°11	13°31	16°30	21°47	24°39	16°16	18°40	0° 4	27°27	26°16	15°16	27°15	F 28
S 29	20 26 10	5°43'40	13♑57	18°47	14°41	17° 7	21°59	24°43	16°19	18°41	0° 5	27°21	26°13	15°22	27°17	S 29
S 30	20 30 7	6°41'02	28°33	20°28	15°51	17°44	22°10	24°47	16°22	18°42	0° 6	27°13	26°10	15°29	27°19	S 30
M31	20 34 3	7♌38'25	13♒28	22♋12	17♍ 0	18♍21	22♊22	24♉51	16♍25	18♉42	0♊ 6	27♏ 3	26♏ 6	15♍36	27♉21	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 9	20s16	3n 4	18n42	4s40	19n 0	1n47	12n29	1n 7	22n13	0s31	16n20	2s 6	6n34	0n45	15n34	1s44	7n19	13s 3	20s 0	19s39	2n22	16n33	2s46
S 2	23 5	18 1	4 0	18 39	4 44	18 39	1 46	12 15	1 6	22 14	0 31	16 21	2 6	6 33	0 45	15 35	1 44	7 19	13 3	19 58	19 39	2 20	16 34	2 47
M 3	23 0	14 36	4 41	18 38	4 46	18 18	1 46	12 2	1 6	22 15	0 31	16 22	2 6	6 32	0 45	15 35	1 44	7 19	13 4	19 57	19 38	2 17	16 34	2 47
T 4	22 55	10 16	5 4	18 38	4 47	17 56	1 45	11 49	1 5	22 17	0 31	16 24	2 7	6 32	0 45	15 35	1 44	7 19	13 4	19 56	19 37	2 15	16 35	2 47
W 5	22 50	5 20	5 8	18 39	4 46	17 34	1 45	11 35	1 4	22 18	0 31	16 25	2 7	6 31	0 45	15 36	1 44	7 20	13 4	19 55	19 37	2 13	16 36	2 47
T 6	22 44	0 8	4 51	18 42	4 44	17 12	1 44	11 22	1 4	22 19	0 31	16 26	2 7	6 30	0 45	15 36	1 44	7 20	13 4	19 54	19 36	2 10	16 36	2 47
F 7	22 38	5n 0	4 16	18 46	4 40	16 49	1 43	11 8	1 3	22 21	0 31	16 28	2 7	6 29	0 45	15 36	1 44	7 20	13 4	19 53	19 35	2 8	16 37	2 48
S 8	22 32	9 48	3 27	18 51	4 35	16 26	1 42	10 54	1 2	22 22	0 31	16 29	2 7	6 28	0 45	15 37	1 44	7 20	13 4	19 53	19 34	2 6	16 37	2 48
S 9	22 25	13 59	2 25	18 58	4 29	16 2	1 41	10 40	1 2	22 23	0 30	16 30	2 7	6 27	0 45	15 37	1 44	7 20	13 5	19 53	19 34	2 3	16 38	2 48
M10	22 18	17 22	1 17	19 5	4 21	15 38	1 40	10 27	1 1	22 25	0 30	16 32	2 7	6 26	0 45	15 37	1 44	7 20	13 5	19 53	19 33	2 1	16 38	2 48
T 11	22 10	19 45	0 6	19 14	4 13	15 14	1 39	10 13	1 0	22 26	0 30	16 33	2 7	6 25	0 45	15 38	1 44	7 20	13 5	19 54	19 32	1 59	16 39	2 49
W12	22 2	21 1	1s 4	19 23	4 3	14 49	1 38	9 59	1 0	22 27	0 30	16 34	2 8	6 24	0 45	15 38	1 45	7 20	13 5	19 53	19 31	1 56	16 39	2 49
T 13	21 54	21 8	2 10	19 33	3 53	14 24	1 37	9 44	0 59	22 28	0 30	16 35	2 8	6 23	0 45	15 38	1 45	7 20	13 5	19 53	19 31	1 54	16 40	2 49
F 14	21 45	20 10	3 8	19 44	3 41	13 58	1 35	9 30	0 58	22 29	0 30	16 36	2 8	6 22	0 45	15 39	1 45	7 20	13 5	19 52	19 30	1 52	16 40	2 49
S 15	21 36	18 13	3 56	19 55	3 29	13 32	1 34	9 16	0 58	22 30	0 30	16 38	2 8	6 21	0 45	15 39	1 45	7 20	13 6	19 50	19 29	1 49	16 41	2 50
S 16	21 26	15 27	4 32	20 7	3 17	13 6	1 32	9 2	0 57	22 31	0 30	16 39	2 8	6 20	0 45	15 39	1 45	7 20	13 6	19 48	19 29	1 47	16 41	2 50
M17	21 16	12 3	4 55	20 19	3 4	12 39	1 30	8 47	0 57	22 32	0 30	16 40	2 8	6 19	0 45	15 40	1 45	7 20	13 6	19 46	19 28	1 45	16 41	2 50
T 18	21 6	8 12	5 4	20 31	2 50	12 12	1 29	8 33	0 56	22 33	0 30	16 41	2 8	6 18	0 45	15 40	1 45	7 20	13 6	19 43	19 27	1 42	16 42	2 50
W19	20 56	4 5	5 0	20 42	2 36	11 45	1 27	8 19	0 55	22 34	0 30	16 42	2 9	6 17	0 45	15 40	1 45	7 20	13 6	19 41	19 26	1 40	16 42	2 51
T 20	20 45	0s10	4 43	20 54	2 22	11 18	1 25	8 4	0 55	22 35	0 30	16 43	2 9	6 16	0 45	15 40	1 45	7 20	13 7	19 39	19 26	1 38	16 43	2 51
F 21	20 33	4 24	4 14	21 5	2 8	10 50	1 23	7 49	0 54	22 36	0 30	16 44	2 9	6 15	0 45	15 41	1 45	7 20	13 7	19 38	19 25	1 35	16 43	2 51
S 22	20 22	8 30	3 34	21 15	1 53	10 22	1 21	7 35	0 53	22 37	0 30	16 45	2 9	6 13	0 45	15 41	1 45	7 20	13 7	19 37	19 24	1 33	16 43	2 51
S 23	20 10	12 18	2 44	21 25	1 39	9 54	1 18	7 20	0 53	22 38	0 30	16 46	2 9	6 12	0 44	15 41	1 45	7 20	13 7	19 37	19 23	1 31	16 44	2 52
M24	19 57	15 39	1 45	21 33	1 24	9 26	1 16	7 5	0 52	22 39	0 30	16 47	2 9	6 11	0 44	15 41	1 45	7 19	13 7	19 37	19 23	1 29	16 44	2 52
T 25	19 45	18 22	0 41	21 41	1 10	8 57	1 14	6 50	0 51	22 40	0 30	16 48	2 10	6 10	0 44	15 41	1 45	7 19	13 8	19 37	19 22	1 26	16 44	2 52
W26	19 32	20 16	0n28	21 47	0 56	8 28	1 11	6 35	0 51	22 41	0 30	16 49	2 10	6 9	0 44	15 42	1 45	7 19	13 8	19 37	19 21	1 24	16 44	2 52
T 27	19 19	21 7	1 37	21 51	0 42	7 59	1 9	6 21	0 50	22 42	0 30	16 50	2 10	6 8	0 44	15 42	1 45	7 19	13 8	19 37	19 20	1 22	16 45	2 53
F 28	19 5	20 45	2 42	21 53	0 28	7 30	1 6	6 6	0 49	22 42	0 30	16 50	2 10	6 6	0 44	15 42	1 45	7 19	13 8	19 36	19 20	1 19	16 45	2 53
S 29	18 51	19 4	3 40	21 54	0 15	7 0	1 3	5 51	0 49	22 43	0 30	16 51	2 10	6 5	0 44	15 42	1 45	7 19	13 8	19 35	19 19	1 17	16 45	2 53
S 30	18 37	16 8	4 25	21 52	0 2	6 31	1 1	5 35	0 48	22 44	0 30	16 52	2 10	6 4	0 44	15 42	1 46	7 19	13 9	19 33	19 18	1 15	16 45	2 53
M31	18n22	12s 6	4n54	21n48	0n11	6n 1	0n58	5n20	0n47	22n45	0s29	16n53	2s11	6n 3	0n44	15n42	1s46	7n19	13s 9	19s31	19s17	1n12	16n46	2s54

Julian Day Number = 2408627.5, Delta T = -4.07 sec
Ecliptic obliquity = 23°27'11, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°05'58, Lahiri = 22°12'58

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ASTRODIENST EPHEMERIS for the year 1882
geocentric

AUGUST 1882 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 38 0	8♌35'48	28♒32	24♋ 0	18♍10	18♍58	22♊34	24♉55	16♍28	18♉43	0♊ 7	26°R53	26♏ 3	15♍43	27♉23	T 1
W 2	20 41 56	9°33'13	13♓35	25°51	19°19	19°36	22°45	24°59	16°31	18°44	0° 8	26♏44	26° 0	15°49	27°25	W 2
T 3	20 45 53	10°30'39	28°27	27°45	20°28	20°13	22°57	25° 3	16°34	18°44	0° 8	26°36	25°57	15°56	27°27	T 3
F 4	20 49 50	11°28'05	13♈ 3	29°41	21°38	20°50	23° 8	25° 6	16°38	18°45	0° 9	26°31	25°54	16° 3	27°29	F 4
S 5	20 53 46	12°25'34	27°17	1♌39	22°47	21°28	23°19	25°10	16°41	18°46	0° 9	26°29	25°50	16° 9	27°31	S 5
S 6	20 57 43	13°23'03	11♉ 9	3°39	23°56	22° 5	23°31	25°13	16°44	18°46	0°10	26°D28	25°47	16°16	27°33	S 6
M 7	21 1 39	14°20'34	24°39	5°40	25° 5	22°43	23°42	25°17	16°47	18°47	0°10	26°R28	25°44	16°23	27°34	M 7
T 8	21 5 36	15°18'06	7♊49	7°42	26°13	23°20	23°53	25°20	16°51	18°47	0°11	26°28	25°41	16°30	27°36	T 8
W 9	21 9 32	16°15'40	20°42	9°45	27°22	23°58	24° 4	25°23	16°54	18°48	0°11	26°26	25°38	16°36	27°38	W 9
T 10	21 13 29	17°13'15	3♋22	11°49	28°31	24°36	24°15	25°26	16°58	18°48	0°12	26°22	25°35	16°43	27°39	T 10
F 11	21 17 25	18°10'51	15°50	13°52	29°39	25°14	24°25	25°29	17° 1	18°48	0°12	26°14	25°31	16°50	27°41	F 11
S 12	21 21 22	19° 8'29	28° 8	15°55	0♎48	25°52	24°36	25°32	17° 4	18°49	0°12	26° 4	25°28	16°56	27°42	S 12
S 13	21 25 19	20° 6'08	10♌18	17°58	1°56	26°29	24°47	25°35	17° 8	18°49	0°13	25°52	25°25	17° 3	27°44	S 13
M14	21 29 15	21° 3'48	22°22	20° 0	3° 4	27° 7	24°57	25°37	17°11	18°49	0°13	25°38	25°22	17°10	27°45	M14
T 15	21 33 12	22° 1'30	4♍20	22° 1	4°12	27°45	25° 7	25°40	17°15	18°50	0°13	25°24	25°19	17°17	27°46	T 15
W16	21 37 8	22°59'12	16°13	24° 2	5°20	28°23	25°18	25°42	17°18	18°50	0°14	25°11	25°16	17°23	27°47	W16
T 17	21 41 5	23°56'56	28° 3	26° 1	6°28	29° 2	25°28	25°45	17°22	18°50	0°14	25° 0	25°12	17°30	27°48	T 17
F 18	21 45 1	24°54'41	9♎53	28° 0	7°36	29°40	25°38	25°47	17°25	18°50	0°14	24°52	25° 9	17°37	27°50	F 18
S 19	21 48 58	25°52'28	21°45	29°57	8°43	0♎18	25°48	25°49	17°29	18°50	0°15	24°46	25° 6	17°43	27°51	S 19
S 20	21 52 54	26°50'15	3♏44	1♍53	9°51	0°56	25°58	25°51	17°33	18°50	0°15	24°43	25° 3	17°50	27°51	S 20
M21	21 56 51	27°48'04	15°53	3°47	10°58	1°35	26° 7	25°53	17°36	18°51	0°15	24°42	25° 0	17°57	27°52	M21
T 22	22 0 47	28°45'54	28°19	5°40	12° 6	2°13	26°17	25°55	17°40	18°R51	0°15	24°42	24°56	18° 4	27°53	T 22
W23	22 4 44	29°43'45	11♐ 6	7°32	13°13	2°51	26°27	25°57	17°43	18°51	0°15	24°41	24°53	18°10	27°54	W23
T 24	22 8 41	0♍41'37	24°18	9°23	14°20	3°30	26°36	25°58	17°47	18°51	0°16	24°40	24°50	18°17	27°55	T 24
F 25	22 12 37	1°39'30	7♑59	11°12	15°26	4° 8	26°45	26° 0	17°51	18°50	0°16	24°36	24°47	18°24	27°55	F 25
S 26	22 16 34	2°37'25	22°10	13° 0	16°33	4°47	26°54	26° 1	17°54	18°50	0°16	24°30	24°44	18°30	27°56	S 26
S 27	22 20 30	3°35'21	6♒50	14°47	17°39	5°26	27° 4	26° 3	17°58	18°50	0°16	24°21	24°41	18°37	27°56	S 27
M28	22 24 27	4°33'19	21°52	16°32	18°46	6° 4	27°12	26° 4	18° 2	18°50	0°16	24°11	24°37	18°44	27°57	M28
T 29	22 28 23	5°31'18	7♓ 8	18°16	19°52	6°43	27°21	26° 5	18° 5	18°50	0°16	24° 0	24°34	18°51	27°57	T 29
W30	22 32 20	6°29'18	22°26	19°59	20°58	7°22	27°30	26° 6	18° 9	18°50	0°R16	23°51	24°31	18°57	27°57	W30
T 31	22 36 16	7♍27'21	7♈35	21♍41	22♎ 4	8♎ 1	27♊38	26♉ 7	18♍13	18♉49	0♊16	23♏43	24♏28	19♍ 4	27♉58	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	18n 7	7s16	5n 2	21n41	0n22	5n31	0n55	5n 5	0n47	22n45	0s29	16n54	2s11	6n 1	0n44	15n43	1s46	7n19	13s 9	19s28	19s17	1n10	16n46	2s54	
W 2	17 52	2 1	4 49	21 32	0 34	5 1	0 52	4 50	0 46	22 46	0 29	16 54	2 11	6 0	0 44	15 43	1 46	7 19	13 9	19 26	19 16	1 8	16 46	2 54	
T 3	17 37	3n19	4 17	21 21	0 44	4 31	0 49	4 35	0 46	22 47	0 29	16 55	2 11	5 59	0 44	15 43	1 46	7 19	13 9	19 24	19 15	1 5	16 46	2 54	
F 4	17 21	8 21	3 28	21 6	0 54	4 1	0 45	4 19	0 45	22 47	0 29	16 56	2 11	5 58	0 44	15 43	1 46	7 19	13 10	19 23	19 14	1 3	16 46	2 55	
S 5	17 5	12 49	2 28	20 49	1 2	3 31	0 42	4 4	0 44	22 48	0 29	16 56	2 12	5 56	0 44	15 43	1 46	7 18	13 10	19 23	19 14	1 1	16 47	2 55	
S 6	16 49	16 27	1 20	20 29	1 11	3 0	0 39	3 49	0 44	22 48	0 29	16 57	2 12	5 55	0 44	15 43	1 46	7 18	13 10	19 23	19 13	0 59	16 47	2 55	
M 7	16 32	19 6	0 10	20 7	1 18	2 30	0 35	3 33	0 43	22 49	0 29	16 58	2 12	5 54	0 44	15 43	1 46	7 18	13 10	19 23	19 12	0 56	16 47	2 56	
T 8	16 15	20 39	1s 0	19 42	1 24	1 59	0 32	3 18	0 42	22 50	0 29	16 58	2 12	5 52	0 44	15 43	1 46	7 18	13 11	19 23	19 11	0 54	16 47	2 56	
W 9	15 58	21 3	2 4	19 15	1 30	1 29	0 28	3 2	0 42	22 50	0 29	16 59	2 12	5 51	0 44	15 43	1 46	7 18	13 11	19 22	19 11	0 52	16 47	2 56	
T 10	15 41	20 23	3 2	18 46	1 34	0 58	0 24	2 47	0 41	22 51	0 29	16 59	2 12	5 50	0 44	15 43	1 46	7 18	13 11	19 21	19 10	0 49	16 47	2 56	
F 11	15 23	18 43	3 49	18 14	1 38	0 27	0 21	2 31	0 40	22 51	0 29	17 0	2 13	5 48	0 44	15 43	1 46	7 18	13 11	19 19	19 9	0 47	16 47	2 57	
S 12	15 6	16 13	4 25	17 41	1 41	0s 3	0 17	2 15	0 40	22 52	0 29	17 0	2 13	5 47	0 44	15 44	1 46	7 17	13 12	19 17	19 8	0 45	16 47	2 57	
S 13	14 47	13 2	4 49	17 6	1 43	0 34	0 13	2 0	0 39	22 52	0 29	17 1	2 13	5 46	0 44	15 44	1 46	7 17	13 12	19 14	19 8	0 42	16 47	2 57	
M14	14 29	9 21	4 59	16 29	1 45	1 5	0 9	1 44	0 39	22 52	0 29	17 1	2 13	5 44	0 44	15 44	1 46	7 17	13 12	19 11	19 7	0 40	16 47	2 57	
T 15	14 11	5 20	4 56	15 51	1 46	1 36	0 5	1 28	0 38	22 53	0 29	17 2	2 13	5 43	0 44	15 44	1 46	7 17	13 12	19 8	19 6	0 38	16 47	2 58	
W16	13 52	1 8	4 40	15 11	1 46	2 6	0 1	1 13	0 37	22 53	0 29	17 2	2 14	5 42	0 44	15 44	1 46	7 17	13 13	19 4	19 5	0 36	16 47	2 58	
T 17	13 33	3s 5	4 12	14 30	1 45	2 37	0s 3	0 57	0 37	22 54	0 29	17 2	2 14	5 40	0 44	15 44	1 47	7 17	13 13	19 2	19 5	0 33	16 47	2 58	
F 18	13 14	7 11	3 33	13 48	1 44	3 8	0 7	0 41	0 36	22 54	0 29	17 3	2 14	5 39	0 44	15 44	1 47	7 16	13 13	19 0	19 4	0 31	16 47	2 59	
S 19	12 54	11 1	2 45	13 5	1 42	3 38	0 12	0 25	0 35	22 54	0 29	17 3	2 14	5 37	0 44	15 44	1 47	7 16	13 13	18 58	19 3	0 29	16 47	2 59	
S 20	12 34	14 28	1 48	12 22	1 40	4 9	0 16	0 10	0 35	22 55	0 29	17 3	2 14	5 36	0 44	15 44	1 47	7 16	13 14	18 57	19 2	0 26	16 47	2 59	
M21	12 15	17 21	0 46	11 38	1 37	4 39	0 20	0s 6	0 34	22 55	0 29	17 4	2 15	5 35	0 44	15 43	1 47	7 16	13 14	18 57	19 2	0 24	16 47	3 0	
T 22	11 55	19 29	0n19	10 53	1 34	5 10	0 25	0 22	0 34	22 55	0 29	17 4	2 15	5 33	0 44	15 43	1 47	7 16	13 14	18 57	19 1	0 22	16 47	3 0	
W23	11 34	20 42	1 26	10 8	1 30	5 40	0 29	0 38	0 33	22 56	0 29	17 4	2 15	5 32	0 44	15 43	1 47	7 15	13 14	18 57	19 0	0 20	16 47	3 0	
T 24	11 14	20 50	2 30	9 23	1 26	6 10	0 34	0 54	0 32	22 56	0 29	17 4	2 15	5 30	0 44	15 43	1 47	7 15	13 14	18 57	18 59	0 17	16 46	3 0	
F 25	10 53	19 45	3 28	8 37	1 21	6 40	0 38	1 10	0 32	22 56	0 29	17 4	2 15	5 29	0 44	15 43	1 47	7 15	13 15	18 56	18 58	0 15	16 46	3 1	
S 26	10 33	17 26	4 15	7 51	1 16	7 10	0 43	1 26	0 31	22 56	0 29	17 4	2 16	5 27	0 44	15 43	1 47	7 15	13 15	18 54	18 58	0 13	16 46	3 1	
S 27	10 12	13 56	4 47	7 5	1 11	7 40	0 48	1 42	0 30	22 57	0 29	17 5	2 16	5 26	0 44	15 43	1 47	7 15	13 15	18 52	18 57	0 10	16 46	3 1	
M28	9 51	9 29	5 1	6 19	1 5	8 10	0 52	1 57	0 30	22 57	0 29	17 5	2 16	5 24	0 44	15 43	1 47	7 14	13 15	18 50	18 56	0 8	16 46	3 2	
T 29	9 30	4 22	4 53	5 33	0 59	8 39	0 57	2 13	0 29	22 57	0 29	17 5	2 16	5 23	0 44	15 43	1 47	7 14	13 16	18 47	18 55	0 6	16 46	3 2	
W30	9 8	1n 3	4 25	4 47	0 53	9 8	1 2	2 29	0 28	22 57	0 29	17 5	2 16	5 22	0 44	15 43	1 47	7 14	13 16	18 45	18 55	0 4	16 45	3 2	
T 31	8n47	6n21	3n38	4n 1	0n46	9s38	1s 7	2s45	0n28	22n57	0s28	17n 5	2s17	5n20	0n44	15n43	1s47	7n14	13s16	18s43	18s54	0n 1	16n45	3s 2	

Julian Day Number = 2408658.5, Delta T = -4.09 sec
Ecliptic obliquity = 23°27'11, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°06'02, Lahiri = 22°13'02

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ASTRODIENST EPHEMERIS for the year 1882
geocentric

SEPTEMBER 1882 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 40 13	8♍25'25	22♈27	23♍21	23♎ 9	8♎40	27♊47	26♉ 8	18♍17	18°R49	0°R16	23°R37	24♏25	19♍11	27♉58	F 1
S 2	22 44 10	9°23'31	6♉54	25° 0	24°15	9°19	27°55	26° 9	18°20	18♉49	0♊16	23♏34	24°22	19°17	27°58	S 2
S 3	22 48 6	10°21'39	20°54	26°38	25°20	9°58	28° 3	26° 9	18°24	18°48	0°16	23°D33	24°18	19°24	27°R58	S 3
M 4	22 52 3	11°19'49	4♊28	28°14	26°25	10°37	28°11	26°10	18°28	18°48	0°16	23°33	24°15	19°31	27°58	M 4
T 5	22 55 59	12°18'01	17°37	29°50	27°30	11°16	28°19	26°10	18°32	18°47	0°16	23°R33	24°12	19°37	27°58	T 5
W 6	22 59 56	13°16'16	0♋25	1♎24	28°35	11°55	28°27	26°10	18°35	18°47	0°16	23°32	24° 9	19°44	27°58	W 6
T 7	23 3 52	14°14'32	12°57	2°57	29°39	12°34	28°35	26°11	18°39	18°47	0°15	23°29	24° 6	19°51	27°57	T 7
F 8	23 7 49	15°12'50	25°15	4°29	0♏44	13°13	28°42	26°R11	18°43	18°46	0°15	23°23	24° 2	19°58	27°57	F 8
S 9	23 11 45	16°11'10	7♌23	6° 0	1°48	13°53	28°49	26°11	18°47	18°45	0°15	23°14	23°59	20° 4	27°57	S 9
S 10	23 15 42	17° 9'32	19°24	7°29	2°52	14°32	28°57	26°10	18°51	18°45	0°15	23° 3	23°56	20°11	27°56	S 10
M11	23 19 39	18° 7'56	1♍20	8°58	3°56	15°12	29° 4	26°10	18°54	18°44	0°15	22°51	23°53	20°18	27°56	M11
T 12	23 23 35	19° 6'22	13°13	10°25	4°59	15°51	29°11	26°10	18°58	18°44	0°14	22°39	23°50	20°24	27°55	T 12
W13	23 27 32	20° 4'50	25° 4	11°51	6° 2	16°31	29°17	26° 9	19° 2	18°43	0°14	22°27	23°47	20°31	27°55	W13
T 14	23 31 28	21° 3'20	6♎55	13°16	7° 5	17°10	29°24	26° 9	19° 6	18°42	0°14	22°17	23°43	20°38	27°54	T 14
F 15	23 35 25	22° 1'52	18°47	14°39	8° 8	17°50	29°30	26° 8	19° 9	18°41	0°13	22°10	23°40	20°45	27°53	F 15
S 16	23 39 21	23° 0'25	0♏43	16° 1	9°10	18°30	29°37	26° 7	19°13	18°41	0°13	22° 5	23°37	20°51	27°52	S 16
S 17	23 43 18	23°59'00	12°45	17°22	10°13	19°10	29°43	26° 6	19°17	18°40	0°13	22° 3	23°34	20°58	27°52	S 17
M18	23 47 14	24°57'37	24°58	18°42	11°15	19°49	29°49	26° 5	19°21	18°39	0°12	22°D 2	23°31	21° 5	27°51	M18
T 19	23 51 11	25°56'16	7♐24	20° 0	12°16	20°29	29°54	26° 4	19°25	18°38	0°12	22° 3	23°27	21°11	27°50	T 19
W20	23 55 8	26°54'56	20° 9	21°17	13°18	21° 9	0♋ 0	26° 3	19°28	18°37	0°12	22° 4	23°24	21°18	27°49	W20
T 21	23 59 4	27°53'38	3♑16	22°32	14°19	21°49	0° 6	26° 1	19°32	18°36	0°11	22°R 4	23°21	21°25	27°48	T 21
F 22	0 3 1	28°52'22	16°50	23°46	15°19	22°29	0°11	26° 0	19°36	18°35	0°11	22° 2	23°18	21°32	27°46	F 22
S 23	0 6 57	29°51'07	0♒51	24°58	16°20	23° 9	0°16	25°58	19°40	18°35	0°10	21°59	23°15	21°38	27°45	S 23
S 24	0 10 54	0♎49'54	15°21	26° 9	17°20	23°50	0°21	25°57	19°43	18°34	0°10	21°53	23°12	21°45	27°44	S 24
M25	0 14 50	1°48'43	0♓14	27°17	18°19	24°30	0°26	25°55	19°47	18°33	0° 9	21°46	23° 8	21°52	27°42	M25
T 26	0 18 47	2°47'33	15°24	28°23	19°19	25°10	0°30	25°53	19°51	18°31	0° 9	21°39	23° 5	21°58	27°41	T 26
W27	0 22 43	3°46'26	0♈42	29°28	20°18	25°50	0°35	25°51	19°54	18°30	0° 8	21°32	23° 2	22° 5	27°40	W27
T 28	0 26 40	4°45'20	15°55	0♏30	21°16	26°31	0°39	25°49	19°58	18°29	0° 8	21°26	22°59	22°12	27°38	T 28
F 29	0 30 36	5°44'17	0♉55	1°29	22°14	27°11	0°43	25°47	20° 2	18°28	0° 7	21°22	22°56	22°18	27°36	F 29
S 30	0 34 33	6♎43'15	15♉32	2♏26	23♏12	27♎52	0♋47	25♉45	20♍ 5	18♉27	0♊ 6	21°D21	22♏53	22♍25	27♉35	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	8n25	11n10	2n37	3n15	0n40	10s 7	1s11	3s 1	0n27	22n58	0s28	17n 5	2s17	5n19	0n44	15n42	1s47	7n13	13s16	18s41	18s53	0s 1	16n45	3s 3	F 1
S 2	8 3	15 12	1 27	2 30	0 33	10 35	1 16	3 17	0 27	22 58	0 28	17 5	2 17	5 17	0 44	15 42	1 47	7 13	13 17	18 41	18 52	0 3	16 45	3 3	S 2
S 3	7 41	18 13	0 14	1 44	0 26	11 4	1 21	3 33	0 26	22 58	0 28	17 5	2 17	5 16	0 44	15 42	1 48	7 13	13 17	18 40	18 52	0 5	16 44	3 3	S 3
M 4	7 19	20 6	0s58	0 59	0 19	11 32	1 26	3 49	0 25	22 58	0 28	17 5	2 17	5 14	0 44	15 42	1 48	7 13	13 17	18 40	18 51	0 8	16 44	3 4	M 4
T 5	6 57	20 49	2 4	0 15	0 11	12 1	1 31	4 5	0 25	22 58	0 28	17 5	2 18	5 13	0 44	15 42	1 48	7 12	13 17	18 40	18 50	0 10	16 44	3 4	T 5
W 6	6 35	20 25	3 2	0s30	0 4	12 29	1 36	4 21	0 24	22 58	0 28	17 4	2 18	5 11	0 44	15 42	1 48	7 12	13 18	18 40	18 49	0 12	16 43	3 4	W 6
T 7	6 12	19 0	3 51	1 14	0s 4	12 56	1 41	4 37	0 23	22 58	0 28	17 4	2 18	5 10	0 44	15 41	1 48	7 12	13 18	18 39	18 48	0 15	16 43	3 5	T 7
F 8	5 50	16 43	4 27	1 57	0 11	13 24	1 46	4 52	0 23	22 59	0 28	17 4	2 18	5 8	0 44	15 41	1 48	7 12	13 18	18 38	18 48	0 17	16 43	3 5	F 8
S 9	5 27	13 44	4 51	2 41	0 19	13 51	1 51	5 8	0 22	22 59	0 28	17 4	2 18	5 7	0 44	15 41	1 48	7 11	13 18	18 36	18 47	0 19	16 42	3 5	S 9
S 10	5 4	10 14	5 2	3 23	0 27	14 18	1 56	5 24	0 22	22 59	0 28	17 4	2 19	5 5	0 44	15 41	1 48	7 11	13 19	18 33	18 46	0 21	16 42	3 5	S 10
M11	4 42	6 20	4 59	4 5	0 35	14 44	2 1	5 40	0 21	22 59	0 28	17 3	2 19	5 4	0 44	15 41	1 48	7 11	13 19	18 30	18 45	0 24	16 42	3 6	M11
T 12	4 19	2 14	4 43	4 47	0 43	15 11	2 7	5 56	0 20	22 59	0 28	17 3	2 19	5 2	0 44	15 40	1 48	7 10	13 19	18 27	18 44	0 26	16 41	3 6	T 12
W13	3 56	1s57	4 16	5 28	0 51	15 37	2 12	6 11	0 20	22 59	0 28	17 3	2 19	5 1	0 44	15 40	1 48	7 10	13 19	18 24	18 44	0 28	16 41	3 6	W13
T 14	3 33	6 4	3 37	6 9	0 59	16 2	2 17	6 27	0 19	22 59	0 28	17 2	2 19	4 59	0 44	15 40	1 48	7 10	13 20	18 21	18 43	0 30	16 40	3 7	T 14
F 15	3 10	9 57	2 48	6 48	1 7	16 28	2 22	6 43	0 18	22 59	0 28	17 2	2 20	4 58	0 44	15 40	1 48	7 10	13 20	18 19	18 42	0 33	16 40	3 7	F 15
S 16	2 47	13 28	1 52	7 28	1 15	16 53	2 27	6 59	0 18	22 59	0 28	17 2	2 20	4 56	0 44	15 39	1 48	7 9	13 20	18 18	18 41	0 35	16 39	3 7	S 16
S 17	2 23	16 28	0 50	8 6	1 23	17 18	2 32	7 14	0 17	22 59	0 28	17 1	2 20	4 55	0 44	15 39	1 48	7 9	13 20	18 17	18 40	0 37	16 39	3 7	S 17
M18	2 0	18 46	0n16	8 44	1 31	17 42	2 37	7 30	0 17	22 59	0 28	17 1	2 20	4 53	0 44	15 39	1 48	7 9	13 20	18 17	18 40	0 39	16 38	3 8	M18
T 19	1 37	20 13	1 22	9 21	1 39	18 6	2 42	7 46	0 16	22 59	0 28	17 1	2 20	4 52	0 44	15 39	1 48	7 8	13 21	18 17	18 39	0 42	16 38	3 8	T 19
W20	1 14	20 41	2 25	9 57	1 46	18 30	2 47	8 1	0 15	22 59	0 28	17 0	2 20	4 50	0 44	15 38	1 48	7 8	13 21	18 18	18 38	0 44	16 37	3 8	W20
T 21	0 50	20 2	3 23	10 32	1 54	18 53	2 52	8 17	0 15	22 59	0 28	17 0	2 21	4 49	0 44	15 38	1 48	7 8	13 21	18 18	18 37	0 46	16 37	3 9	T 21
F 22	0 27	18 14	4 11	11 7	2 2	19 16	2 57	8 32	0 14	22 59	0 28	16 59	2 21	4 48	0 44	15 38	1 49	7 8	13 21	18 17	18 37	0 48	16 36	3 9	F 22
S 23	0 4	15 19	4 47	11 40	2 9	19 38	3 2	8 48	0 14	22 59	0 28	16 59	2 21	4 46	0 44	15 37	1 49	7 7	13 22	18 16	18 36	0 51	16 36	3 9	S 23
S 24	0s20	11 23	5 5	12 13	2 16	20 0	3 7	9 3	0 13	22 59	0 28	16 58	2 21	4 45	0 44	15 37	1 49	7 7	13 22	18 15	18 35	0 53	16 35	3 9	S 24
M25	0 43	6 39	5 4	12 44	2 23	20 22	3 12	9 18	0 12	22 59	0 28	16 57	2 21	4 43	0 44	15 37	1 49	7 7	13 22	18 13	18 34	0 55	16 35	3 10	M25
T 26	1 7	1 26	4 41	13 15	2 30	20 43	3 17	9 34	0 12	22 59	0 28	16 57	2 22	4 42	0 44	15 36	1 49	7 6	13 22	18 11	18 33	0 57	16 34	3 10	T 26
W27	1 30	3n56	3 59	13 44	2 37	21 4	3 22	9 49	0 11	22 59	0 28	16 56	2 22	4 40	0 44	15 36	1 49	7 6	13 22	18 9	18 33	1 0	16 34	3 10	W27
T 28	1 53	9 1	2 59	14 12	2 43	21 24	3 26	10 4	0 10	22 59	0 28	16 56	2 22	4 39	0 44	15 36	1 49	7 6	13 23	18 8	18 32	1 2	16 33	3 11	T 28
F 29	2 17	13 29	1 48	14 39	2 49	21 44	3 31	10 19	0 10	22 59	0 28	16 55	2 22	4 37	0 44	15 35	1 49	7 5	13 23	18 7	18 31	1 4	16 32	3 11	F 29
S 30	2s40	17n 0	0n31	15s 4	2s55	22s 4	3s36	10s35	0n 9	22n59	0s28	16n54	2s22	4n36	0n44	15n35	1s49	7n 5	13s23	18s 6	18s30	1s 6	16n32	3s11	S 30

Julian Day Number = 2408689.5, Delta T = -4.12 sec
Ecliptic obliquity = 23°27'11, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°06'06, Lahiri = 22°13'07

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ASTRODIENST EPHEMERIS for the year 1882
geocentric

OCTOBER 1882 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 38 30	7♎42'16	29♉43	3♏20	24♏ 9	28♎32	0♋51	25°R42	20♍ 9	18°R26	0°R 6	21♏21	22♏49	22♍32	27°R33	S 1
M 2	0 42 26	8°41'20	13♊25	4°11	25° 6	29°13	0°54	25♉40	20°13	18♉25	0♊ 5	21°22	22°46	22°39	27♉31	M 2
T 3	0 46 23	9°40'25	26°41	4°58	26° 2	29°53	0°58	25°37	20°16	18°23	0° 5	21°23	22°43	22°45	27°29	T 3
W 4	0 50 19	10°39'33	9♋32	5°42	26°58	0♏34	1° 1	25°35	20°20	18°22	0° 4	21°R24	22°40	22°52	27°28	W 4
T 5	0 54 16	11°38'44	22° 4	6°22	27°54	1°15	1° 4	25°32	20°24	18°21	0° 3	21°23	22°37	22°59	27°26	T 5
F 6	0 58 12	12°37'56	4♌20	6°57	28°49	1°56	1° 7	25°29	20°27	18°20	0° 2	21°21	22°33	23° 5	27°24	F 6
S 7	1 2 9	13°37'11	16°24	7°27	29°43	2°37	1° 9	25°26	20°31	18°18	0° 2	21°17	22°30	23°12	27°22	S 7
S 8	1 6 5	14°36'28	28°20	7°52	0♐37	3°18	1°12	25°23	20°34	18°17	0° 1	21°12	22°27	23°19	27°19	S 8
M 9	1 10 2	15°35'47	10♍12	8°12	1°30	3°59	1°14	25°20	20°38	18°16	0° 0	21° 5	22°24	23°25	27°17	M 9
T 10	1 13 59	16°35'09	22° 3	8°25	2°22	4°40	1°16	25°17	20°41	18°14	29♉59	20°58	22°21	23°32	27°15	T 10
W11	1 17 55	17°34'32	3♎55	8°R31	3°14	5°21	1°18	25°14	20°45	18°13	29°59	20°52	22°18	23°39	27°13	W11
T 12	1 21 52	18°33'58	15°49	8°30	4° 6	6° 2	1°19	25°11	20°48	18°12	29°58	20°47	22°14	23°46	27°10	T 12
F 13	1 25 48	19°33'26	27°48	8°22	4°56	6°43	1°21	25° 7	20°52	18°10	29°57	20°43	22°11	23°52	27° 8	F 13
S 14	1 29 45	20°32'56	9♏52	8° 5	5°46	7°25	1°22	25° 4	20°55	18° 9	29°56	20°41	22° 8	23°59	27° 6	S 14
S 15	1 33 41	21°32'28	22° 5	7°40	6°36	8° 6	1°23	25° 0	20°59	18° 7	29°55	20°D41	22° 5	24° 6	27° 3	S 15
M16	1 37 38	22°32'01	4♐28	7° 6	7°24	8°47	1°24	24°56	21° 2	18° 6	29°55	20°41	22° 2	24°12	27° 1	M16
T 17	1 41 34	23°31'37	17° 4	6°24	8°12	9°29	1°25	24°53	21° 5	18° 4	29°54	20°43	21°59	24°19	26°58	T 17
W18	1 45 31	24°31'14	29°55	5°33	8°59	10°10	1°25	24°49	21° 9	18° 3	29°53	20°44	21°55	24°26	26°56	W18
T 19	1 49 28	25°30'54	13♑ 4	4°35	9°45	10°52	1°25	24°45	21°12	18° 1	29°52	20°46	21°52	24°32	26°53	T 19
F 20	1 53 24	26°30'35	26°33	3°30	10°30	11°33	1°R25	24°41	21°15	18° 0	29°51	20°R46	21°49	24°39	26°50	F 20
S 21	1 57 21	27°30'17	10♒25	2°20	11°14	12°15	1°25	24°37	21°19	17°58	29°50	20°46	21°46	24°46	26°48	S 21
S 22	2 1 17	28°30'01	24°39	1° 6	11°57	12°57	1°25	24°33	21°22	17°57	29°49	20°44	21°43	24°53	26°45	S 22
M23	2 5 14	29°29'47	9♓13	29♎50	12°39	13°39	1°24	24°29	21°25	17°55	29°48	20°42	21°39	24°59	26°42	M23
T 24	2 9 10	0♏29'35	24° 3	28°35	13°20	14°20	1°24	24°25	21°28	17°53	29°47	20°39	21°36	25° 6	26°39	T 24
W25	2 13 7	1°29'24	9♈ 3	27°23	14° 0	15° 2	1°23	24°20	21°31	17°52	29°46	20°36	21°33	25°13	26°37	W25
T 26	2 17 3	2°29'15	24° 3	26°15	14°39	15°44	1°22	24°16	21°34	17°50	29°45	20°34	21°30	25°19	26°34	T 26
F 27	2 21 0	3°29'08	8♉55	25°15	15°16	16°26	1°20	24°12	21°37	17°49	29°44	20°33	21°27	25°26	26°31	F 27
S 28	2 24 57	4°29'03	23°31	24°24	15°53	17° 8	1°19	24° 7	21°40	17°47	29°43	20°D33	21°24	25°33	26°28	S 28
S 29	2 28 53	5°29'00	7♊45	23°42	16°28	17°51	1°17	24° 3	21°43	17°45	29°42	20°34	21°20	25°39	26°25	S 29
M30	2 32 50	6°28'59	21°34	23°12	17° 1	18°33	1°15	23°58	21°46	17°44	29°41	20°35	21°17	25°46	26°22	M30
T 31	2 36 46	7♏29'01	4♋57	22♎54	17♐34	19♏15	1♋13	23♉54	21♍49	17♉42	29♉40	20♏36	21♏14	25♍53	26♉19	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s 4	19n22	0s45	15s28	3s 1	22s23	3s40	10s50	0n 9	22n59	0s28	16n53	2s22	4n34	0n44	15n35	1s49	7n 5	13s23	18s 6	18s29	1s 9	16n31	3s11
M 2	3 27	20 29	1 57	15 50	3 6	22 41	3 45	11 5	0 8	22 59	0 28	16 53	2 23	4 33	0 44	15 34	1 49	7 4	13 23	18 7	18 28	1 11	16 30	3 12
T 3	3 50	20 25	3 0	16 10	3 10	22 59	3 49	11 20	0 7	22 59	0 28	16 52	2 23	4 32	0 44	15 34	1 49	7 4	13 24	18 7	18 28	1 13	16 30	3 12
W 4	4 13	19 15	3 52	16 29	3 15	23 17	3 54	11 34	0 7	22 59	0 28	16 51	2 23	4 30	0 44	15 34	1 49	7 4	13 24	18 7	18 27	1 15	16 29	3 12
T 5	4 36	17 11	4 31	16 46	3 18	23 34	3 58	11 49	0 6	22 59	0 28	16 50	2 23	4 29	0 44	15 33	1 49	7 4	13 24	18 7	18 26	1 18	16 28	3 12
F 6	5 0	14 23	4 57	17 0	3 21	23 51	4 2	12 4	0 6	22 59	0 28	16 50	2 23	4 27	0 44	15 33	1 49	7 3	13 24	18 7	18 25	1 20	16 28	3 13
S 7	5 23	11 0	5 9	17 12	3 23	24 7	4 6	12 19	0 5	22 59	0 27	16 49	2 23	4 26	0 44	15 32	1 49	7 3	13 24	18 5	18 24	1 22	16 27	3 13
S 8	5 46	7 14	5 8	17 22	3 24	24 22	4 11	12 33	0 4	22 59	0 27	16 48	2 23	4 25	0 44	15 32	1 49	7 3	13 24	18 4	18 24	1 24	16 26	3 13
M 9	6 9	3 13	4 54	17 29	3 25	24 37	4 15	12 48	0 4	22 59	0 27	16 47	2 23	4 23	0 44	15 32	1 49	7 2	13 25	18 2	18 23	1 26	16 25	3 13
T 10	6 31	0s56	4 27	17 32	3 24	24 52	4 18	13 2	0 3	22 59	0 27	16 46	2 24	4 22	0 44	15 31	1 49	7 2	13 25	18 1	18 22	1 29	16 25	3 14
W11	6 54	5 2	3 48	17 33	3 23	25 6	4 22	13 16	0 2	22 59	0 27	16 45	2 24	4 21	0 44	15 31	1 49	7 2	13 25	17 59	18 21	1 31	16 24	3 14
T 12	7 17	8 59	2 59	17 30	3 20	25 20	4 26	13 31	0 2	22 59	0 27	16 44	2 24	4 19	0 44	15 30	1 49	7 1	13 25	17 58	18 20	1 33	16 23	3 14
F 13	7 39	12 36	2 2	17 23	3 16	25 33	4 29	13 45	0 1	22 59	0 27	16 44	2 24	4 18	0 44	15 30	1 49	7 1	13 25	17 57	18 20	1 35	16 22	3 14
S 14	8 2	15 43	0 59	17 12	3 10	25 45	4 33	13 59	0 1	23 0	0 27	16 43	2 24	4 17	0 44	15 30	1 49	7 1	13 25	17 56	18 19	1 38	16 22	3 15
S 15	8 24	18 11	0n 8	16 57	3 3	25 57	4 36	14 13	0s 0	23 0	0 27	16 42	2 24	4 15	0 44	15 29	1 49	7 0	13 26	17 56	18 18	1 40	16 21	3 15
M16	8 46	19 49	1 15	16 38	2 54	26 9	4 39	14 27	0 1	23 0	0 27	16 41	2 24	4 14	0 44	15 29	1 49	7 0	13 26	17 56	18 17	1 42	16 20	3 15
T 17	9 8	20 30	2 20	16 14	2 43	26 20	4 42	14 41	0 1	23 0	0 27	16 40	2 24	4 13	0 44	15 28	1 49	7 0	13 26	17 56	18 16	1 44	16 19	3 15
W18	9 30	20 8	3 19	15 45	2 31	26 30	4 45	14 54	0 2	23 0	0 27	16 39	2 24	4 11	0 44	15 28	1 49	6 59	13 26	17 57	18 15	1 46	16 19	3 16
T 19	9 52	18 40	4 10	15 12	2 16	26 40	4 48	15 8	0 2	23 0	0 27	16 38	2 25	4 10	0 44	15 27	1 49	6 59	13 26	17 57	18 15	1 49	16 18	3 16
F 20	10 14	16 9	4 47	14 34	2 0	26 49	4 50	15 21	0 3	23 0	0 27	16 37	2 25	4 9	0 44	15 27	1 49	6 59	13 26	17 57	18 14	1 51	16 17	3 16
S 21	10 35	12 40	5 10	13 54	1 43	26 58	4 53	15 35	0 4	23 0	0 27	16 36	2 25	4 7	0 44	15 26	1 50	6 59	13 26	17 57	18 13	1 53	16 16	3 16
S 22	10 57	8 22	5 14	13 10	1 24	27 6	4 55	15 48	0 4	23 0	0 27	16 35	2 25	4 6	0 44	15 26	1 50	6 58	13 26	17 57	18 12	1 55	16 15	3 16
M23	11 18	3 30	4 59	12 25	1 4	27 14	4 57	16 1	0 5	23 0	0 27	16 33	2 25	4 5	0 44	15 26	1 50	6 58	13 27	17 56	18 11	1 57	16 14	3 17
T 24	11 39	1n40	4 23	11 39	0 43	27 21	4 59	16 14	0 6	23 0	0 27	16 32	2 25	4 4	0 44	15 25	1 50	6 58	13 27	17 55	18 11	2 0	16 14	3 17
W25	12 0	6 48	3 30	10 54	0 23	27 28	5 0	16 27	0 6	23 0	0 27	16 31	2 25	4 3	0 44	15 25	1 50	6 57	13 27	17 55	18 10	2 2	16 13	3 17
T 26	12 21	11 31	2 21	10 10	0 2	27 34	5 2	16 40	0 7	23 0	0 27	16 30	2 25	4 1	0 44	15 24	1 50	6 57	13 27	17 54	18 9	2 4	16 12	3 17
F 27	12 41	15 29	1 4	9 30	0n18	27 39	5 3	16 53	0 7	23 0	0 27	16 29	2 25	4 0	0 44	15 24	1 50	6 57	13 27	17 54	18 8	2 6	16 11	3 17
S 28	13 1	18 24	0s16	8 54	0 37	27 44	5 4	17 5	0 8	23 0	0 27	16 28	2 25	3 59	0 44	15 23	1 50	6 57	13 27	17 54	18 7	2 8	16 10	3 18
S 29	13 21	20 4	1 34	8 22	0 54	27 49	5 5	17 18	0 9	23 0	0 27	16 27	2 25	3 58	0 44	15 23	1 50	6 56	13 27	17 54	18 6	2 11	16 9	3 18
M30	13 41	20 28	2 43	7 56	1 10	27 53	5 5	17 30	0 9	23 0	0 27	16 26	2 25	3 57	0 44	15 22	1 50	6 56	13 27	17 54	18 6	2 13	16 8	3 18
T 31	14s 1	19n40	3s42	7s36	1n24	27s56	5s 5	17s42	0s10	23n 0	0s26	16n25	2s25	3n56	0n44	15n22	1s50	6n56	13s27	17s55	18s 5	2s15	16n 8	3s18

Julian Day Number = 2408719.5, Delta T = -4.14 sec
Ecliptic obliquity = 23°27'11, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°06'10, Lahiri = 22°13'11

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ASTRODIENST EPHEMERIS for the year 1882
geocentric

NOVEMBER 1882 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 40 43	8♏29'04	17♋56	22°D46	18♐ 4	19♏57	1°R10	23°R49	21♍52	17°R40	29°R39	20♏37	21♏11	26♍ 0	26°R16	W 1
T 2	2 44 39	9°29'10	0♌32	22♎51	18°34	20°40	1♋ 8	23♉45	21°55	17♉39	29♉38	20°37	21° 8	26° 6	26♉13	T 2
F 3	2 48 36	10°29'17	12°50	23° 6	19° 1	21°22	1° 5	23°40	21°58	17°37	29°37	20°R38	21° 4	26°13	26°10	F 3
S 4	2 52 32	11°29'27	24°55	23°31	19°27	22° 4	1° 2	23°35	22° 1	17°35	29°36	20°37	21° 1	26°20	26° 6	S 4
S 5	2 56 29	12°29'38	6♍50	24° 5	19°52	22°47	0°59	23°30	22° 3	17°34	29°35	20°37	20°58	26°26	26° 3	S 5
M 6	3 0 26	13°29'52	18°41	24°48	20°14	23°30	0°56	23°26	22° 6	17°32	29°34	20°36	20°55	26°33	26° 0	M 6
T 7	3 4 22	14°30'08	0♎32	25°38	20°35	24°12	0°52	23°21	22° 9	17°30	29°33	20°35	20°52	26°40	25°57	T 7
W 8	3 8 19	15°30'25	12°25	26°35	20°54	24°55	0°49	23°16	22°11	17°29	29°32	20°34	20°49	26°46	25°54	W 8
T 9	3 12 15	16°30'45	24°25	27°38	21°11	25°38	0°45	23°11	22°14	17°27	29°31	20°33	20°45	26°53	25°50	T 9
F 10	3 16 12	17°31'06	6♏33	28°46	21°26	26°20	0°41	23° 6	22°17	17°25	29°30	20°33	20°42	27° 0	25°47	F 10
S 11	3 20 8	18°31'29	18°50	29°58	21°39	27° 3	0°36	23° 2	22°19	17°23	29°28	20°D33	20°39	27° 7	25°44	S 11
S 12	3 24 5	19°31'54	1♐20	1♏14	21°50	27°46	0°32	22°57	22°22	17°22	29°27	20°33	20°36	27°13	25°41	S 12
M13	3 28 1	20°32'21	14° 1	2°34	21°58	28°29	0°27	22°52	22°24	17°20	29°26	20°R33	20°33	27°20	25°37	M13
T 14	3 31 58	21°32'49	26°56	3°55	22° 5	29°12	0°22	22°47	22°26	17°18	29°25	20°33	20°30	27°27	25°34	T 14
W15	3 35 55	22°33'18	10♑ 4	5°20	22° 9	29°55	0°17	22°42	22°29	17°17	29°24	20°33	20°26	27°33	25°31	W15
T 16	3 39 51	23°33'49	23°26	6°46	22°R10	0♐38	0°12	22°37	22°31	17°15	29°23	20°32	20°23	27°40	25°28	T 16
F 17	3 43 48	24°34'21	7♒ 2	8°13	22°10	1°22	0° 7	22°32	22°33	17°13	29°22	20°32	20°20	27°47	25°24	F 17
S 18	3 47 44	25°34'54	20°53	9°42	22° 7	2° 5	0° 2	22°27	22°35	17°12	29°21	20°D32	20°17	27°53	25°21	S 18
S 19	3 51 41	26°35'29	4♓56	11°12	22° 1	2°48	29♊56	22°23	22°38	17°10	29°20	20°32	20°14	28° 0	25°18	S 19
M20	3 55 37	27°36'04	19°12	12°43	21°53	3°31	29°50	22°18	22°40	17° 8	29°18	20°32	20°10	28° 7	25°14	M20
T 21	3 59 34	28°36'41	3♈38	14°14	21°42	4°15	29°44	22°13	22°42	17° 7	29°17	20°33	20° 7	28°13	25°11	T 21
W22	4 3 30	29°37'19	18°10	15°46	21°29	4°58	29°38	22° 8	22°44	17° 5	29°16	20°34	20° 4	28°20	25° 8	W22
T 23	4 7 27	0♐37'58	2♉43	17°19	21°14	5°42	29°32	22° 3	22°46	17° 3	29°15	20°35	20° 1	28°27	25° 5	T 23
F 24	4 11 24	1°38'39	17°13	18°52	20°56	6°25	29°26	21°58	22°48	17° 2	29°14	20°R35	19°58	28°34	25° 1	F 24
S 25	4 15 20	2°39'20	1♊32	20°25	20°35	7° 9	29°19	21°54	22°50	17° 0	29°13	20°35	19°55	28°40	24°58	S 25
S 26	4 19 17	3°40'03	15°36	21°58	20°13	7°53	29°12	21°49	22°51	16°59	29°12	20°34	19°51	28°47	24°55	S 26
M27	4 23 13	4°40'48	29°21	23°32	19°48	8°36	29° 6	21°44	22°53	16°57	29°11	20°32	19°48	28°54	24°52	M27
T 28	4 27 10	5°41'34	12♋45	25° 6	19°21	9°20	28°59	21°40	22°55	16°55	29° 9	20°30	19°45	29° 0	24°48	T 28
W29	4 31 6	6°42'21	25°46	26°39	18°53	10° 4	28°52	21°35	22°57	16°54	29° 8	20°28	19°42	29° 7	24°45	W29
T 30	4 35 3	7♐43'09	8♌27	28♏13	18♐23	10♐48	28♊45	21♉30	22♍58	16♉52	29♉ 7	20♏26	19♏39	29♍14	24♉42	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14 s20	17n50	4 s27	7 s22	1n36	27 s59	5 s 5	17 s54	0 s10	23n 0	0 s26	16n23	2 s25	3n54	0n44	15n21	1 s50	6n55	13 s27	17 s55	18 s 4	2 s17	16n 7	3 s18
T 2	14 40	15 12	4 58	7 14	1 47	28 1	5 5	18 6	0 11	23 1	0 26	16 22	2 25	3 53	0 44	15 21	1 50	6 55	13 28	17 55	18 3	2 19	16 6	3 19
F 3	14 59	11 57	5 14	7 11	1 56	28 3	5 4	18 18	0 12	23 1	0 26	16 21	2 25	3 52	0 45	15 20	1 50	6 55	13 28	17 55	18 2	2 22	16 5	3 19
S 4	15 17	8 15	5 16	7 14	2 3	28 4	5 3	18 30	0 12	23 1	0 26	16 20	2 25	3 51	0 45	15 20	1 50	6 55	13 28	17 55	18 1	2 24	16 4	3 19
S 5	15 36	4 17	5 4	7 22	2 8	28 4	5 1	18 41	0 13	23 1	0 26	16 19	2 25	3 50	0 45	15 20	1 50	6 54	13 28	17 55	18 1	2 26	16 3	3 19
M 6	15 54	0 11	4 40	7 34	2 12	28 4	4 59	18 52	0 13	23 1	0 26	16 18	2 25	3 49	0 45	15 19	1 50	6 54	13 28	17 55	18 0	2 28	16 2	3 19
T 7	16 12	3 s56	4 3	7 49	2 15	28 4	4 57	19 3	0 14	23 1	0 26	16 16	2 25	3 48	0 45	15 19	1 50	6 54	13 28	17 54	17 59	2 30	16 1	3 19
W 8	16 30	7 55	3 16	8 9	2 16	28 2	4 55	19 14	0 15	23 1	0 26	16 15	2 25	3 47	0 45	15 18	1 50	6 54	13 28	17 54	17 58	2 33	16 1	3 19
T 9	16 47	11 38	2 20	8 31	2 16	28 1	4 52	19 25	0 15	23 1	0 26	16 14	2 25	3 46	0 45	15 18	1 50	6 53	13 28	17 54	17 57	2 35	16 0	3 20
F 10	17 4	14 55	1 17	8 56	2 16	27 58	4 48	19 36	0 16	23 1	0 26	16 13	2 25	3 45	0 45	15 17	1 50	6 53	13 28	17 54	17 56	2 37	15 59	3 20
S 11	17 21	17 35	0 9	9 23	2 14	27 55	4 44	19 47	0 16	23 1	0 26	16 12	2 25	3 44	0 45	15 17	1 50	6 53	13 28	17 54	17 55	2 39	15 58	3 20
S 12	17 37	19 28	1n 0	9 51	2 12	27 52	4 40	19 57	0 17	23 1	0 26	16 11	2 25	3 43	0 45	15 16	1 50	6 53	13 28	17 54	17 55	2 41	15 57	3 20
M13	17 54	20 24	2 7	10 21	2 8	27 47	4 35	20 7	0 18	23 1	0 26	16 9	2 25	3 42	0 45	15 16	1 50	6 52	13 28	17 54	17 54	2 43	15 56	3 20
T 14	18 10	20 16	3 9	10 53	2 5	27 43	4 30	20 17	0 18	23 2	0 26	16 8	2 25	3 41	0 45	15 15	1 50	6 52	13 28	17 54	17 53	2 46	15 55	3 20
W15	18 25	19 3	4 2	11 25	2 0	27 37	4 24	20 27	0 19	23 2	0 25	16 7	2 25	3 40	0 45	15 15	1 50	6 52	13 28	17 54	17 52	2 48	15 54	3 20
T 16	18 40	16 46	4 43	11 58	1 55	27 31	4 18	20 37	0 19	23 2	0 25	16 6	2 25	3 40	0 45	15 14	1 50	6 52	13 28	17 54	17 51	2 50	15 53	3 20
F 17	18 55	13 32	5 9	12 31	1 50	27 24	4 11	20 46	0 20	23 2	0 25	16 5	2 25	3 39	0 45	15 14	1 50	6 51	13 28	17 54	17 50	2 52	15 53	3 21
S 18	19 10	9 32	5 17	13 4	1 45	27 17	4 4	20 55	0 20	23 2	0 25	16 4	2 25	3 38	0 45	15 13	1 50	6 51	13 28	17 54	17 50	2 54	15 52	3 21
S 19	19 24	4 56	5 7	13 38	1 39	27 8	3 56	21 5	0 21	23 2	0 25	16 2	2 25	3 37	0 45	15 13	1 50	6 51	13 28	17 54	17 49	2 56	15 51	3 21
M20	19 38	0 0	4 39	14 11	1 33	26 59	3 47	21 13	0 22	23 2	0 25	16 1	2 25	3 36	0 45	15 13	1 50	6 51	13 28	17 54	17 48	2 59	15 50	3 21
T 21	19 52	5n 0	3 52	14 45	1 26	26 50	3 38	21 22	0 22	23 2	0 25	16 0	2 25	3 35	0 45	15 12	1 50	6 51	13 28	17 54	17 47	3 1	15 49	3 21
W22	20 5	9 45	2 50	15 18	1 20	26 39	3 29	21 31	0 23	23 2	0 25	15 59	2 25	3 35	0 45	15 12	1 50	6 50	13 28	17 54	17 46	3 3	15 48	3 21
T 23	20 18	13 57	1 37	15 51	1 13	26 28	3 19	21 39	0 23	23 2	0 25	15 58	2 24	3 34	0 45	15 11	1 50	6 50	13 28	17 54	17 45	3 5	15 47	3 21
F 24	20 30	17 17	0 19	16 23	1 6	26 16	3 8	21 47	0 24	23 2	0 25	15 57	2 24	3 33	0 45	15 11	1 50	6 50	13 28	17 54	17 44	3 7	15 47	3 21
S 25	20 42	19 30	1 s 0	16 55	0 59	26 3	2 56	21 55	0 25	23 2	0 25	15 56	2 24	3 32	0 45	15 10	1 50	6 50	13 28	17 54	17 44	3 9	15 46	3 21
S 26	20 54	20 27	2 14	17 26	0 52	25 50	2 45	22 3	0 25	23 3	0 25	15 55	2 24	3 32	0 45	15 10	1 50	6 50	13 28	17 54	17 43	3 11	15 45	3 21
M27	21 5	20 9	3 19	17 56	0 45	25 35	2 32	22 10	0 26	23 3	0 24	15 53	2 24	3 31	0 45	15 9	1 50	6 49	13 28	17 54	17 42	3 14	15 44	3 21
T 28	21 16	18 41	4 10	18 26	0 38	25 20	2 19	22 18	0 26	23 3	0 24	15 52	2 24	3 30	0 45	15 9	1 49	6 49	13 28	17 53	17 41	3 16	15 43	3 21
W29	21 26	16 18	4 47	18 55	0 31	25 4	2 6	22 25	0 27	23 3	0 24	15 51	2 24	3 30	0 45	15 9	1 49	6 49	13 28	17 53	17 40	3 18	15 42	3 22
T 30	21 s37	13n11	5 s 9	19 s23	0n24	24 s48	1 s52	22 s32	0 s27	23n 3	0 s24	15n50	2 s24	3n29	0n45	15n 8	1 s49	6n49	13 s27	17 s52	17 s39	3 s20	15n42	3 s22

Julian Day Number = 2408750.5, Delta T = -4.16 sec
Ecliptic obliquity = 23°27'11, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°06'15, Lahiri = 22°13'15

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ASTRODIENST EPHEMERIS for the year 1882
geocentric

DECEMBER 1882 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 38 59	8♐43'59	20♌48	29♏47	17°R51	11♐32	28°R37	21°R26	23♍ 0	16°R51	29°R 6	20°R24	19♏36	29♍20	24°R39	F 1
S 2	4 42 56	9°44'50	2♍55	1♐21	17♐18	12°16	28♊30	21♉21	23° 1	16♉49	29♉ 5	20♏23	19°32	29°27	24♉36	S 2
S 3	4 46 53	10°45'43	14°52	2°55	16°43	13° 0	28°23	21°17	23° 3	16°48	29° 4	20°D23	19°29	29°34	24°32	S 3
M 4	4 50 49	11°46'37	26°43	4°28	16° 8	13°44	28°15	21°12	23° 4	16°46	29° 3	20°23	19°26	29°40	24°29	M 4
T 5	4 54 46	12°47'32	8♎34	6° 2	15°32	14°28	28° 8	21° 8	23° 6	16°45	29° 2	20°25	19°23	29°47	24°26	T 5
W 6	4 58 42	13°48'29	20°29	7°36	14°56	15°12	28° 0	21° 4	23° 7	16°43	29° 1	20°27	19°20	29°54	24°23	W 6
T 7	5 2 39	14°49'27	2♏32	9°10	14°20	15°56	27°52	20°59	23° 8	16°42	28°59	20°28	19°16	0♎ 1	24°20	T 7
F 8	5 6 35	15°50'25	14°47	10°44	13°43	16°41	27°44	20°55	23° 9	16°40	28°58	20°R29	19°13	0° 7	24°17	F 8
S 9	5 10 32	16°51'25	27°17	12°18	13° 7	17°25	27°36	20°51	23°10	16°39	28°57	20°29	19°10	0°14	24°14	S 9
S 10	5 14 28	17°52'27	10♐ 4	13°52	12°32	18° 9	27°29	20°47	23°12	16°37	28°56	20°28	19° 7	0°21	24°11	S 10
M11	5 18 25	18°53'28	23° 7	15°26	11°57	18°54	27°21	20°43	23°13	16°36	28°55	20°25	19° 4	0°27	24° 8	M11
T 12	5 22 22	19°54'31	6♑27	17° 0	11°24	19°38	27°13	20°39	23°14	16°35	28°54	20°21	19° 1	0°34	24° 5	T 12
W13	5 26 18	20°55'35	20° 2	18°34	10°52	20°23	27° 4	20°35	23°14	16°33	28°53	20°16	18°57	0°41	24° 2	W13
T 14	5 30 15	21°56'39	3♒48	20° 9	10°21	21° 7	26°56	20°31	23°15	16°32	28°52	20°11	18°54	0°47	24° 0	T 14
F 15	5 34 11	22°57'43	17°44	21°43	9°52	21°52	26°48	20°28	23°16	16°31	28°51	20° 6	18°51	0°54	23°57	F 15
S 16	5 38 8	23°58'48	1♓47	23°18	9°24	22°37	26°40	20°24	23°17	16°29	28°50	20° 3	18°48	1° 1	23°54	S 16
S 17	5 42 4	24°59'53	15°53	24°52	8°59	23°22	26°32	20°20	23°18	16°28	28°49	20° 1	18°45	1° 7	23°51	S 17
M18	5 46 1	26° 0'58	0♈ 2	26°27	8°36	24° 6	26°24	20°17	23°18	16°27	28°48	20°D 1	18°42	1°14	23°49	M18
T 19	5 49 57	27° 2'04	14°11	28° 2	8°15	24°51	26°16	20°13	23°19	16°26	28°47	20° 2	18°38	1°21	23°46	T 19
W20	5 53 54	28° 3'09	28°18	29°37	7°56	25°36	26° 7	20°10	23°19	16°25	28°46	20° 3	18°35	1°28	23°44	W20
T 21	5 57 51	29° 4'16	12♉23	1♑13	7°39	26°21	25°59	20° 7	23°20	16°23	28°45	20° 4	18°32	1°34	23°41	T 21
F 22	6 1 47	0♑ 5'22	26°23	2°48	7°25	27° 6	25°51	20° 4	23°20	16°22	28°44	20°R 4	18°29	1°41	23°39	F 22
S 23	6 5 44	1° 6'28	10♊15	4°24	7°14	27°51	25°43	20° 1	23°21	16°21	28°43	20° 3	18°26	1°48	23°36	S 23
S 24	6 9 40	2° 7'35	23°57	6° 0	7° 5	28°36	25°35	19°58	23°21	16°20	28°42	19°59	18°22	1°54	23°34	S 24
M25	6 13 37	3° 8'42	7♋26	7°36	6°58	29°21	25°27	19°55	23°21	16°19	28°41	19°53	18°19	2° 1	23°31	M25
T 26	6 17 33	4° 9'50	20°39	9°13	6°54	0♑ 6	25°19	19°52	23°21	16°18	28°40	19°45	18°16	2° 8	23°29	T 26
W27	6 21 30	5°10'58	3♌34	10°50	6°D53	0°51	25°11	19°49	23°21	16°17	28°40	19°37	18°13	2°14	23°27	W27
T 28	6 25 26	6°12'06	16°13	12°27	6°54	1°37	25° 3	19°47	23°22	16°16	28°39	19°28	18°10	2°21	23°25	T 28
F 29	6 29 23	7°13'14	28°34	14° 4	6°57	2°22	24°55	19°44	23°R22	16°15	28°38	19°20	18° 7	2°28	23°22	F 29
S 30	6 33 20	8°14'23	10♍42	15°41	7° 3	3° 7	24°48	19°42	23°22	16°14	28°37	19°15	18° 3	2°34	23°20	S 30
S 31	6 37 16	9♑15'32	22♍39	17♑19	7♐11	3♑53	24♊40	19♉39	23♍21	16♉13	28♉36	19♏11	18♏ 0	2♎41	23♉18	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s46	9n34	5s16	19s50	0n17	24s31	1s37	22s38	0s28	23n 3	0s24	15n49	2s23	3n29	0n45	15n 8	1s49	6n49	13s27	17s51	17s38	3s22	15n41	3s22
S 2	21 55	5 38	5 8	20 16	0 10	24 13	1 23	22 45	0 29	23 3	0 24	15 48	2 23	3 28	0 46	15 7	1 49	6 49	13 27	17 51	17 38	3 24	15 40	3 22
S 3	22 4	1 32	4 48	20 42	0 3	23 55	1 8	22 51	0 29	23 3	0 24	15 47	2 23	3 28	0 46	15 7	1 49	6 49	13 27	17 51	17 37	3 27	15 39	3 22
M 4	22 13	2s35	4 15	21 6	0s 4	23 36	0 53	22 57	0 30	23 3	0 24	15 46	2 23	3 27	0 46	15 7	1 49	6 48	13 27	17 51	17 36	3 29	15 38	3 22
T 5	22 21	6 38	3 31	21 30	0 10	23 17	0 37	23 3	0 30	23 3	0 24	15 45	2 23	3 27	0 46	15 6	1 49	6 48	13 27	17 52	17 35	3 31	15 38	3 22
W 6	22 28	10 26	2 38	21 52	0 17	22 58	0 22	23 8	0 31	23 3	0 23	15 44	2 23	3 26	0 46	15 6	1 49	6 48	13 27	17 52	17 34	3 33	15 37	3 22
T 7	22 35	13 53	1 37	22 14	0 24	22 38	0 6	23 14	0 31	23 3	0 23	15 43	2 23	3 26	0 46	15 5	1 49	6 48	13 27	17 53	17 33	3 35	15 36	3 22
F 8	22 42	16 47	0 31	22 34	0 30	22 18	0n10	23 19	0 32	23 3	0 23	15 42	2 22	3 25	0 46	15 5	1 49	6 48	13 27	17 53	17 32	3 37	15 35	3 22
S 9	22 48	18 58	0n37	22 53	0 37	21 58	0 25	23 24	0 32	23 3	0 23	15 41	2 22	3 25	0 46	15 5	1 49	6 48	13 27	17 53	17 32	3 39	15 35	3 22
S 10	22 54	20 14	1 45	23 11	0 43	21 38	0 41	23 28	0 33	23 3	0 23	15 41	2 22	3 24	0 46	15 4	1 49	6 48	13 26	17 53	17 31	3 41	15 34	3 22
M11	22 59	20 27	2 49	23 28	0 49	21 19	0 56	23 33	0 34	23 3	0 23	15 40	2 22	3 24	0 46	15 4	1 49	6 48	13 26	17 52	17 30	3 44	15 33	3 22
T 12	23 4	19 32	3 46	23 44	0 55	20 59	1 11	23 37	0 34	23 3	0 23	15 39	2 22	3 24	0 46	15 4	1 49	6 48	13 26	17 51	17 29	3 46	15 33	3 22
W13	23 9	17 30	4 30	23 58	1 1	20 40	1 26	23 41	0 35	23 3	0 23	15 38	2 21	3 23	0 46	15 3	1 49	6 48	13 26	17 49	17 28	3 48	15 32	3 22
T 14	23 12	14 27	4 59	24 12	1 7	20 22	1 40	23 44	0 35	23 3	0 22	15 37	2 21	3 23	0 46	15 3	1 49	6 47	13 26	17 48	17 27	3 50	15 31	3 22
F 15	23 16	10 34	5 12	24 24	1 12	20 4	1 54	23 48	0 36	23 3	0 22	15 36	2 21	3 23	0 46	15 3	1 49	6 47	13 26	17 47	17 26	3 52	15 31	3 22
S 16	23 19	6 5	5 5	24 34	1 17	19 46	2 7	23 51	0 36	23 3	0 22	15 36	2 21	3 22	0 46	15 2	1 49	6 47	13 26	17 46	17 25	3 54	15 30	3 22
S 17	23 21	1 15	4 41	24 44	1 23	19 30	2 20	23 54	0 37	23 2	0 22	15 35	2 21	3 22	0 46	15 2	1 49	6 47	13 25	17 45	17 25	3 56	15 29	3 22
M18	23 24	3n40	3 59	24 52	1 28	19 14	2 33	23 57	0 37	23 2	0 22	15 34	2 20	3 22	0 46	15 2	1 49	6 47	13 25	17 45	17 24	3 58	15 29	3 22
T 19	23 25	8 24	3 3	24 59	1 32	18 59	2 45	23 59	0 38	23 2	0 22	15 34	2 20	3 22	0 46	15 1	1 49	6 47	13 25	17 45	17 23	4 1	15 28	3 22
W20	23 26	12 41	1 56	25 4	1 37	18 44	2 56	24 1	0 38	23 2	0 22	15 33	2 20	3 22	0 46	15 1	1 49	6 47	13 25	17 46	17 22	4 3	15 27	3 22
T 21	23 27	16 13	0 42	25 8	1 41	18 31	3 7	24 3	0 39	23 2	0 21	15 32	2 20	3 22	0 46	15 1	1 49	6 47	13 25	17 46	17 21	4 5	15 27	3 22
F 22	23 27	18 48	0s34	25 10	1 45	18 19	3 18	24 5	0 39	23 2	0 21	15 32	2 19	3 21	0 46	15 0	1 49	6 47	13 25	17 46	17 20	4 7	15 26	3 22
S 23	23 27	20 14	1 47	25 12	1 49	18 7	3 27	24 6	0 40	23 2	0 21	15 31	2 19	3 21	0 46	15 0	1 49	6 47	13 24	17 46	17 19	4 9	15 26	3 22
S 24	23 26	20 26	2 53	25 11	1 52	17 57	3 37	24 7	0 40	23 2	0 21	15 31	2 19	3 21	0 46	15 0	1 49	6 47	13 24	17 45	17 18	4 11	15 25	3 21
M25	23 25	19 27	3 48	25 9	1 56	17 47	3 45	24 8	0 41	23 2	0 21	15 30	2 19	3 21	0 47	15 0	1 48	6 47	13 24	17 43	17 18	4 13	15 25	3 21
T 26	23 23	17 25	4 30	25 6	1 58	17 38	3 53	24 9	0 42	23 2	0 21	15 29	2 18	3 21	0 47	14 59	1 48	6 47	13 24	17 41	17 17	4 15	15 24	3 21
W27	23 21	14 34	4 56	25 1	2 1	17 31	4 1	24 9	0 42	23 1	0 20	15 29	2 18	3 21	0 47	14 59	1 48	6 47	13 24	17 39	17 16	4 17	15 24	3 21
T 28	23 18	11 6	5 7	24 55	2 3	17 24	4 8	24 9	0 43	23 1	0 20	15 29	2 18	3 21	0 47	14 59	1 48	6 47	13 23	17 36	17 15	4 19	15 23	3 21
F 29	23 15	7 13	5 4	24 47	2 5	17 18	4 14	24 9	0 43	23 1	0 20	15 28	2 18	3 21	0 47	14 59	1 48	6 47	13 23	17 34	17 14	4 22	15 23	3 21
S 30	23 12	3 8	4 47	24 38	2 7	17 13	4 20	24 8	0 44	23 1	0 20	15 28	2 17	3 21	0 47	14 59	1 48	6 47	13 23	17 33	17 13	4 24	15 22	3 21
S 31	23s 8	1s 1	4s17	24s27	2s 8	17s 9	4n26	24s 8	0s44	23n 1	0s20	15n27	2s17	3n21	0n47	14n58	1s48	6n47	13s23	17s32	17s12	4s26	15n22	3s21

Julian Day Number = 2408780.5, Delta T = -4.18 sec
Ecliptic obliquity = 23°27'10, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°06'19, Lahiri = 22°13'19

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1883
geocentric

JANUARY 1883 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 41 13	10♑16'41	4♎30	18♑57	7♐21	4♑38	24°R32	19°R37	23°R21	16°R13	28°R35	19°R 9	17♏57	2♎48	23°R16	M 1
T 2	6 45 9	11°17'51	16°20	20°35	7°34	5°24	24♊25	19♉35	23♍21	16♉12	28♉35	19°D 9	17°54	2°54	23♉14	T 2
W 3	6 49 6	12°19'01	28°14	22°13	7°48	6° 9	24°17	19°33	23°21	16°11	28°34	19♏10	17°51	3° 1	23°13	W 3
T 4	6 53 2	13°20'11	10♏17	23°51	8° 5	6°55	24°10	19°31	23°20	16°10	28°33	19°11	17°48	3° 8	23°11	T 4
F 5	6 56 59	14°21'21	22°35	25°30	8°24	7°40	24° 3	19°29	23°20	16° 9	28°32	19°R11	17°44	3°15	23° 9	F 5
S 6	7 0 55	15°22'32	5♐11	27° 8	8°45	8°26	23°56	19°28	23°20	16° 9	28°32	19°10	17°41	3°21	23° 7	S 6
S 7	7 4 52	16°23'42	18° 9	28°46	9° 8	9°12	23°49	19°26	23°19	16° 8	28°31	19° 6	17°38	3°28	23° 6	S 7
M 8	7 8 49	17°24'53	1♑30	0♒24	9°32	9°57	23°42	19°25	23°19	16° 7	28°30	19° 0	17°35	3°35	23° 4	M 8
T 9	7 12 45	18°26'03	15°13	2° 1	9°58	10°43	23°35	19°23	23°18	16° 7	28°29	18°51	17°32	3°41	23° 3	T 9
W10	7 16 42	19°27'13	29°15	3°38	10°26	11°29	23°28	19°22	23°17	16° 6	28°29	18°41	17°28	3°48	23° 1	W10
T 11	7 20 38	20°28'23	13♒31	5°14	10°56	12°15	23°22	19°21	23°17	16° 6	28°28	18°30	17°25	3°55	23° 0	T 11
F 12	7 24 35	21°29'32	27°56	6°49	11°27	13° 0	23°15	19°20	23°16	16° 5	28°27	18°20	17°22	4° 1	22°59	F 12
S 13	7 28 31	22°30'40	12♓22	8°22	12° 0	13°46	23° 9	19°19	23°15	16° 5	28°27	18°12	17°19	4° 8	22°57	S 13
S 14	7 32 28	23°31'48	26°46	9°54	12°34	14°32	23° 3	19°18	23°14	16° 4	28°26	18° 7	17°16	4°15	22°56	S 14
M15	7 36 25	24°32'55	11♈ 2	11°24	13° 9	15°18	22°57	19°18	23°13	16° 4	28°26	18° 4	17°13	4°21	22°55	M15
T 16	7 40 21	25°34'01	25° 8	12°52	13°46	16° 4	22°51	19°17	23°12	16° 4	28°25	18°D 3	17° 9	4°28	22°54	T 16
W17	7 44 18	26°35'07	9♉ 4	14°17	14°24	16°50	22°46	19°17	23°11	16° 3	28°25	18° 4	17° 6	4°35	22°53	W17
T 18	7 48 14	27°36'11	22°50	15°38	15° 4	17°36	22°40	19°16	23°10	16° 3	28°24	18°R 4	17° 3	4°41	22°52	T 18
F 19	7 52 11	28°37'15	6♊26	16°55	15°44	18°23	22°35	19°16	23° 9	16° 3	28°24	18° 2	17° 0	4°48	22°51	F 19
S 20	7 56 7	29°38'18	19°52	18° 8	16°26	19° 9	22°30	19°16	23° 8	16° 2	28°23	17°59	16°57	4°55	22°50	S 20
S 21	8 0 4	0♒39'20	3♋ 9	19°15	17° 9	19°55	22°25	19°D16	23° 7	16° 2	28°23	17°52	16°54	5° 1	22°50	S 21
M22	8 4 0	1°40'21	16°14	20°15	17°52	20°41	22°20	19°16	23° 5	16° 2	28°22	17°42	16°50	5° 8	22°49	M22
T 23	8 7 57	2°41'21	29° 8	21° 9	18°37	21°27	22°15	19°16	23° 4	16° 2	28°22	17°30	16°47	5°15	22°48	T 23
W24	8 11 54	3°42'20	11♌50	21°54	19°23	22°14	22°11	19°16	23° 3	16° 2	28°21	17°16	16°44	5°21	22°48	W24
T 25	8 15 50	4°43'19	24°18	22°31	20°10	23° 0	22° 7	19°17	23° 1	16° 2	28°21	17° 3	16°41	5°28	22°47	T 25
F 26	8 19 47	5°44'17	6♍34	22°58	20°58	23°46	22° 2	19°17	23° 0	16°D 2	28°21	16°50	16°38	5°35	22°47	F 26
S 27	8 23 43	6°45'14	18°38	23°15	21°46	24°33	21°59	19°18	22°58	16° 2	28°20	16°39	16°34	5°42	22°47	S 27
S 28	8 27 40	7°46'10	0♎33	23°R21	22°36	25°19	21°55	19°19	22°57	16° 2	28°20	16°31	16°31	5°48	22°47	S 28
M29	8 31 36	8°47'05	12°23	23°15	23°26	26° 5	21°51	19°20	22°55	16° 2	28°20	16°26	16°28	5°55	22°46	M29
T 30	8 35 33	9°48'00	24°11	22°59	24°17	26°52	21°48	19°21	22°54	16° 2	28°19	16°23	16°25	6° 2	22°46	T 30
W31	8 39 29	10♒48'54	6♏ 3	22♒31	25♐ 9	27♑38	21♊45	19♉22	22♍52	16♉ 2	28♉19	16♏22	16♏22	6♎ 8	22°D46	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 3	5s 6	3s37	24s14	2s 9	17s 6	4n31	24s 7	0s45	23n 1	0s20	15n27	2s17	3n21	0n47	14n58	1s48	6n47	13s23	17s31	17s11	4s28	15n21	3s21
T 2	22 58	9 0	2 47	24 0	2 9	17 4	4 35	24 6	0 45	23 1	0 20	15 27	2 17	3 21	0 47	14 58	1 48	6 47	13 22	17 31	17 10	4 30	15 21	3 21
W 3	22 53	12 34	1 50	23 44	2 9	17 2	4 39	24 4	0 46	23 0	0 19	15 26	2 16	3 22	0 47	14 58	1 48	6 47	13 22	17 31	17 10	4 32	15 21	3 21
T 4	22 47	15 40	0 48	23 27	2 8	17 1	4 43	24 2	0 46	23 0	0 19	15 26	2 16	3 22	0 47	14 58	1 48	6 48	13 22	17 32	17 9	4 34	15 20	3 21
F 5	22 41	18 8	0n18	23 8	2 7	17 1	4 46	24 0	0 46	23 0	0 19	15 26	2 16	3 22	0 47	14 57	1 48	6 48	13 22	17 32	17 8	4 36	15 20	3 21
S 6	22 34	19 47	1 25	22 47	2 5	17 1	4 49	23 58	0 47	23 0	0 19	15 26	2 16	3 22	0 47	14 57	1 48	6 48	13 21	17 31	17 7	4 38	15 20	3 21
S 7	22 27	20 27	2 29	22 25	2 3	17 2	4 51	23 55	0 47	23 0	0 19	15 26	2 15	3 22	0 47	14 57	1 48	6 48	13 21	17 30	17 6	4 40	15 19	3 20
M 8	22 19	20 0	3 26	22 2	2 0	17 4	4 53	23 53	0 48	23 0	0 19	15 26	2 15	3 23	0 47	14 57	1 48	6 48	13 21	17 29	17 5	4 42	15 19	3 20
T 9	22 11	18 23	4 13	21 37	1 57	17 6	4 55	23 49	0 48	22 59	0 18	15 25	2 15	3 23	0 47	14 57	1 48	6 48	13 21	17 26	17 4	4 44	15 19	3 20
W10	22 2	15 39	4 47	21 11	1 53	17 9	4 56	23 46	0 49	22 59	0 18	15 25	2 14	3 23	0 47	14 57	1 48	6 48	13 20	17 24	17 3	4 47	15 18	3 20
T 11	21 53	11 56	5 2	20 43	1 48	17 12	4 57	23 42	0 49	22 59	0 18	15 25	2 14	3 24	0 47	14 57	1 48	6 48	13 20	17 21	17 2	4 49	15 18	3 20
F 12	21 44	7 31	4 59	20 14	1 42	17 15	4 57	23 39	0 50	22 59	0 18	15 25	2 14	3 24	0 47	14 57	1 48	6 48	13 20	17 18	17 2	4 51	15 18	3 20
S 13	21 34	2 39	4 37	19 44	1 36	17 19	4 58	23 34	0 50	22 59	0 18	15 25	2 14	3 24	0 47	14 57	1 47	6 48	13 20	17 16	17 1	4 53	15 18	3 20
S 14	21 24	2n21	3 58	19 12	1 29	17 24	4 58	23 30	0 51	22 59	0 18	15 25	2 13	3 25	0 47	14 57	1 47	6 49	13 19	17 14	17 0	4 55	15 18	3 20
M15	21 13	7 11	3 4	18 40	1 21	17 28	4 58	23 25	0 51	22 59	0 17	15 26	2 13	3 25	0 47	14 56	1 47	6 49	13 19	17 13	16 59	4 57	15 17	3 20
T 16	21 2	11 35	1 59	18 7	1 13	17 33	4 57	23 20	0 52	22 58	0 17	15 26	2 13	3 25	0 47	14 56	1 47	6 49	13 19	17 13	16 58	4 59	15 17	3 20
W17	20 51	15 17	0 48	17 34	1 3	17 38	4 56	23 15	0 52	22 58	0 17	15 26	2 12	3 26	0 47	14 56	1 47	6 49	13 19	17 13	16 57	5 1	15 17	3 19
T 18	20 39	18 5	0s25	17 0	0 52	17 43	4 55	23 10	0 52	22 58	0 17	15 26	2 12	3 26	0 47	14 56	1 47	6 49	13 18	17 13	16 56	5 3	15 17	3 19
F 19	20 27	19 49	1 36	16 25	0 41	17 49	4 54	23 4	0 53	22 58	0 17	15 26	2 12	3 27	0 48	14 56	1 47	6 49	13 18	17 13	16 55	5 5	15 17	3 19
S 20	20 14	20 24	2 40	15 52	0 29	17 55	4 53	22 58	0 53	22 58	0 16	15 26	2 12	3 27	0 48	14 56	1 47	6 50	13 18	17 12	16 54	5 7	15 17	3 19
S 21	20 1	19 50	3 35	15 18	0 15	18 0	4 51	22 52	0 54	22 58	0 16	15 27	2 11	3 28	0 48	14 56	1 47	6 50	13 18	17 10	16 53	5 9	15 17	3 19
M22	19 48	18 13	4 17	14 46	0 1	18 6	4 49	22 45	0 54	22 58	0 16	15 27	2 11	3 28	0 48	14 56	1 47	6 50	13 17	17 7	16 53	5 11	15 17	3 19
T 23	19 34	15 41	4 46	14 14	0n14	18 12	4 47	22 38	0 55	22 58	0 16	15 27	2 11	3 29	0 48	14 56	1 47	6 50	13 17	17 4	16 52	5 13	15 17	3 19
W24	19 20	12 27	4 59	13 45	0 30	18 18	4 45	22 31	0 55	22 58	0 16	15 28	2 10	3 29	0 48	14 56	1 47	6 50	13 17	17 0	16 51	5 15	15 17	3 19
T 25	19 6	8 44	4 58	13 17	0 46	18 24	4 42	22 24	0 55	22 57	0 16	15 28	2 10	3 30	0 48	14 56	1 47	6 50	13 16	16 56	16 50	5 17	15 17	3 19
F 26	18 51	4 43	4 43	12 52	1 3	18 30	4 40	22 17	0 56	22 57	0 15	15 29	2 10	3 31	0 48	14 56	1 47	6 51	13 16	16 52	16 49	5 19	15 17	3 18
S 27	18 36	0 34	4 16	12 30	1 21	18 35	4 37	22 9	0 56	22 57	0 15	15 29	2 10	3 31	0 48	14 57	1 47	6 51	13 16	16 49	16 48	5 21	15 17	3 18
S 28	18 20	3s33	3 37	12 12	1 38	18 41	4 34	22 1	0 57	22 57	0 15	15 30	2 9	3 32	0 48	14 57	1 47	6 51	13 16	16 47	16 47	5 24	15 17	3 18
M29	18 4	7 30	2 50	11 57	1 56	18 47	4 31	21 52	0 57	22 57	0 15	15 30	2 9	3 33	0 48	14 57	1 46	6 51	13 15	16 46	16 46	5 26	15 17	3 18
T 30	17 48	11 10	1 55	11 46	2 13	18 52	4 28	21 44	0 57	22 57	0 15	15 31	2 9	3 33	0 48	14 57	1 46	6 52	13 15	16 45	16 45	5 28	15 17	3 18
W31	17s32	14s24	0s54	11s39	2n30	18s58	4n24	21s35	0s58	22n57	0s15	15n31	2s 8	3n34	0n48	14n57	1s46	6n52	13s15	16s45	16s44	5s30	15n17	3s18

Julian Day Number = 2408811.5, Delta T = -4.19 sec
Ecliptic obliquity = 23°27'10, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°06'23, Lahiri = 22°13'23

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ASTRODIENST EPHEMERIS for the year 1883
geocentric

FEBRUARY 1883 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 43 26	11♒49'47	18♏ 4	21°R53	26♐ 1	28♑25	21°R42	19♉23	22°R50	16♉ 2	28°R19	16°R22	16♏19	6♎15	22♉46	T 1
F 2	8 47 23	12°50'40	0♐20	21♒ 5	26°54	29°11	21♊39	19°24	22♍48	16° 2	28♉19	16♏22	16°15	6°22	22°46	F 2
S 3	8 51 19	13°51'31	12°55	20° 9	27°48	29°58	21°37	19°26	22°47	16° 3	28°19	16°20	16°12	6°28	22°46	S 3
S 4	8 55 16	14°52'22	25°55	19° 6	28°42	0♒45	21°34	19°27	22°45	16° 3	28°18	16°15	16° 9	6°35	22°47	S 4
M 5	8 59 12	15°53'12	9♑22	17°58	29°37	1°31	21°32	19°29	22°43	16° 3	28°18	16° 8	16° 6	6°42	22°47	M 5
T 6	9 3 9	16°54'00	23°17	16°47	0♑33	2°18	21°30	19°31	22°41	16° 4	28°18	15°58	16° 3	6°48	22°47	T 6
W 7	9 7 5	17°54'48	7♒37	15°35	1°29	3° 5	21°28	19°33	22°39	16° 4	28°18	15°47	16° 0	6°55	22°48	W 7
T 8	9 11 2	18°55'34	22°16	14°24	2°26	3°51	21°27	19°35	22°37	16° 5	28°18	15°34	15°56	7° 2	22°48	T 8
F 9	9 14 58	19°56'19	7♓ 7	13°16	3°23	4°38	21°25	19°37	22°35	16° 5	28°18	15°23	15°53	7° 8	22°49	F 9
S 10	9 18 55	20°57'02	22° 1	12°12	4°21	5°25	21°24	19°39	22°33	16° 5	28°18	15°13	15°50	7°15	22°50	S 10
S 11	9 22 52	21°57'44	6♈49	11°13	5°19	6°12	21°23	19°41	22°31	16° 6	28°D18	15° 6	15°47	7°22	22°50	S 11
M12	9 26 48	22°58'24	21°24	10°22	6°17	6°58	21°22	19°44	22°29	16° 7	28°18	15° 2	15°44	7°28	22°51	M12
T 13	9 30 45	23°59'03	5♉43	9°37	7°16	7°45	21°22	19°46	22°26	16° 7	28°18	15° 1	15°40	7°35	22°52	T 13
W14	9 34 41	24°59'40	19°43	9° 1	8°16	8°32	21°22	19°49	22°24	16° 8	28°18	15° 0	15°37	7°42	22°53	W14
T 15	9 38 38	26° 0'15	3♊25	8°32	9°16	9°19	21°D21	19°52	22°22	16° 8	28°18	15° 0	15°34	7°48	22°54	T 15
F 16	9 42 34	27° 0'48	16°50	8°11	10°16	10° 6	21°21	19°55	22°20	16° 9	28°18	14°59	15°31	7°55	22°55	F 16
S 17	9 46 31	28° 1'20	29°59	7°57	11°16	10°52	21°22	19°57	22°17	16°10	28°18	14°55	15°28	8° 2	22°56	S 17
S 18	9 50 27	29° 1'49	12♋56	7°D51	12°17	11°39	21°22	20° 1	22°15	16°11	28°18	14°49	15°25	8° 8	22°57	S 18
M19	9 54 24	0♓ 2'17	25°41	7°52	13°19	12°26	21°23	20° 4	22°13	16°11	28°18	14°39	15°21	8°15	22°59	M19
T 20	9 58 21	1° 2'43	8♌16	7°59	14°20	13°13	21°24	20° 7	22°10	16°12	28°19	14°28	15°18	8°22	23° 0	T 20
W21	10 2 17	2° 3'08	20°40	8°13	15°22	14° 0	21°25	20°10	22° 8	16°13	28°19	14°14	15°15	8°28	23° 1	W21
T 22	10 6 14	3° 3'30	2♍55	8°33	16°25	14°47	21°26	20°14	22° 6	16°14	28°19	14° 1	15°12	8°35	23° 3	T 22
F 23	10 10 10	4° 3'51	15° 1	8°58	17°28	15°34	21°27	20°17	22° 3	16°15	28°19	13°48	15° 9	8°42	23° 4	F 23
S 24	10 14 7	5° 4'11	26°59	9°28	18°30	16°21	21°29	20°21	22° 1	16°16	28°20	13°38	15° 5	8°48	23° 6	S 24
S 25	10 18 3	6° 4'28	8♎51	10° 3	19°34	17° 8	21°31	20°25	21°58	16°17	28°20	13°30	15° 2	8°55	23° 7	S 25
M26	10 22 0	7° 4'44	20°39	10°42	20°37	17°55	21°33	20°28	21°56	16°18	28°20	13°24	14°59	9° 2	23° 9	M26
T 27	10 25 56	8° 4'59	2♏27	11°26	21°41	18°42	21°35	20°32	21°53	16°19	28°21	13°22	14°56	9° 8	23°11	T 27
W28	10 29 53	9♓ 5'12	14♏18	12♒13	22♑45	19♒29	21♊38	20♉36	21♍51	16♉20	28♉21	13°D21	14♏53	9♎15	23♉13	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	17s15	17s 5	0n 9	11s37	2n45	19s 3	4n21	21s26	0s58	22n57	0s14	15n32	2s 8	3n35	0n48	14n57	1s46	6n52	13s14	16s45	16s44	5s32	15n17	3s18	T 1
F 2	16 58	19 2	1 13	11 38	3 0	19 8	4 17	21 17	0 58	22 57	0 14	15 32	2 8	3 35	0 48	14 57	1 46	6 52	13 14	16 44	16 43	5 34	15 17	3 18	F 2
S 3	16 41	20 7	2 16	11 44	3 12	19 12	4 14	21 8	0 59	22 57	0 14	15 33	2 7	3 36	0 48	14 57	1 46	6 53	13 14	16 44	16 42	5 36	15 18	3 17	S 3
S 4	16 23	20 11	3 13	11 54	3 23	19 17	4 10	20 58	0 59	22 57	0 14	15 34	2 7	3 37	0 48	14 57	1 46	6 53	13 13	16 43	16 41	5 38	15 18	3 17	S 4
M 5	16 5	19 6	4 1	12 6	3 31	19 21	4 6	20 48	0 59	22 57	0 14	15 35	2 7	3 38	0 48	14 58	1 46	6 53	13 13	16 41	16 40	5 40	15 18	3 17	M 5
T 6	15 47	16 53	4 37	12 22	3 37	19 25	4 2	20 38	1 0	22 57	0 14	15 35	2 7	3 39	0 48	14 58	1 46	6 53	13 13	16 38	16 39	5 42	15 18	3 17	T 6
W 7	15 28	13 35	4 57	12 40	3 41	19 29	3 58	20 27	1 0	22 57	0 13	15 36	2 6	3 39	0 48	14 58	1 46	6 54	13 13	16 34	16 38	5 44	15 18	3 17	W 7
T 8	15 10	9 23	4 58	12 59	3 42	19 32	3 54	20 17	1 1	22 57	0 13	15 37	2 6	3 40	0 48	14 58	1 46	6 54	13 12	16 31	16 37	5 46	15 19	3 17	T 8
F 9	14 50	4 35	4 39	13 19	3 40	19 35	3 49	20 6	1 1	22 58	0 13	15 38	2 6	3 41	0 48	14 58	1 46	6 54	13 12	16 27	16 36	5 48	15 19	3 17	F 9
S 10	14 31	0n32	4 1	13 40	3 37	19 38	3 45	19 55	1 1	22 58	0 13	15 39	2 5	3 42	0 48	14 58	1 46	6 55	13 12	16 25	16 35	5 50	15 19	3 17	S 10
S 11	14 12	5 34	3 7	14 1	3 32	19 40	3 41	19 44	1 1	22 58	0 13	15 39	2 5	3 43	0 48	14 59	1 46	6 55	13 11	16 23	16 34	5 52	15 19	3 16	S 11
M12	13 52	10 14	2 1	14 22	3 25	19 42	3 36	19 32	1 2	22 58	0 13	15 40	2 5	3 44	0 48	14 59	1 46	6 55	13 11	16 21	16 33	5 54	15 20	3 16	M12
T 13	13 32	14 12	0 49	14 42	3 16	19 44	3 32	19 21	1 2	22 58	0 12	15 41	2 5	3 44	0 48	14 59	1 46	6 55	13 11	16 21	16 33	5 56	15 20	3 16	T 13
W14	13 12	17 16	0s25	15 1	3 6	19 45	3 27	19 9	1 2	22 58	0 12	15 42	2 4	3 45	0 48	14 59	1 45	6 56	13 10	16 21	16 32	5 58	15 20	3 16	W14
T 15	12 51	19 17	1 36	15 19	2 56	19 46	3 22	18 57	1 3	22 58	0 12	15 43	2 4	3 46	0 48	15 0	1 45	6 56	13 10	16 21	16 31	6 0	15 21	3 16	T 15
F 16	12 31	20 9	2 40	15 35	2 44	19 46	3 18	18 44	1 3	22 58	0 12	15 44	2 4	3 47	0 48	15 0	1 45	6 56	13 10	16 20	16 30	6 2	15 21	3 16	F 16
S 17	12 10	19 53	3 34	15 51	2 32	19 46	3 13	18 32	1 3	22 59	0 12	15 45	2 4	3 48	0 48	15 0	1 45	6 57	13 9	16 19	16 29	6 4	15 22	3 16	S 17
S 18	11 49	18 34	4 16	16 4	2 19	19 46	3 8	18 19	1 4	22 59	0 12	15 46	2 3	3 49	0 48	15 0	1 45	6 57	13 9	16 17	16 28	6 6	15 22	3 15	S 18
M19	11 28	16 21	4 45	16 16	2 7	19 45	3 3	18 6	1 4	22 59	0 11	15 48	2 3	3 50	0 48	15 1	1 45	6 57	13 9	16 15	16 27	6 8	15 22	3 15	M19
T 20	11 7	13 23	4 59	16 27	1 54	19 44	2 58	17 53	1 4	22 59	0 11	15 49	2 3	3 51	0 48	15 1	1 45	6 58	13 9	16 11	16 26	6 10	15 23	3 15	T 20
W21	10 45	9 53	4 59	16 36	1 41	19 42	2 53	17 40	1 4	22 59	0 11	15 50	2 2	3 52	0 48	15 1	1 45	6 58	13 8	16 7	16 25	6 12	15 23	3 15	W21
T 22	10 23	6 0	4 45	16 43	1 28	19 40	2 48	17 26	1 5	23 0	0 11	15 51	2 2	3 53	0 48	15 2	1 45	6 58	13 8	16 3	16 24	6 14	15 24	3 15	T 22
F 23	10 1	1 56	4 18	16 49	1 15	19 37	2 43	17 13	1 5	23 0	0 11	15 52	2 2	3 54	0 48	15 2	1 45	6 59	13 8	16 0	16 23	6 16	15 24	3 15	F 23
S 24	9 39	2s10	3 40	16 53	1 3	19 34	2 38	16 59	1 5	23 0	0 11	15 53	2 2	3 55	0 48	15 2	1 45	6 59	13 7	15 56	16 22	6 18	15 25	3 15	S 24
S 25	9 17	6 9	2 53	16 55	0 51	19 30	2 33	16 45	1 5	23 0	0 10	15 55	2 1	3 56	0 48	15 3	1 45	6 59	13 7	15 54	16 21	6 20	15 25	3 15	S 25
M26	8 55	9 53	1 58	16 56	0 39	19 26	2 28	16 31	1 6	23 1	0 10	15 56	2 1	3 57	0 48	15 3	1 45	7 0	13 7	15 52	16 20	6 22	15 26	3 15	M26
T 27	8 33	13 14	0 58	16 56	0 27	19 21	2 23	16 16	1 6	23 1	0 10	15 57	2 1	3 58	0 48	15 3	1 45	7 0	13 6	15 52	16 20	6 24	15 27	3 14	T 27
W28	8s10	16s 4	0n 5	16s54	0n16	19s16	2n18	16s 2	1s 6	23n 1	0s10	15n58	2s 1	3n59	0n48	15n 4	1s45	7n 1	13s 6	15s51	16s19	6s26	15n27	3s14	W28

Julian Day Number = 2408842.5, Delta T = -4.21 sec
Ecliptic obliquity = 23°27'10, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°06'27, Lahiri = 22°13'28

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ASTRODIENST EPHEMERIS for the year 1883
geocentric

MARCH 1883 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 33 49	10♓ 5'24	26♏18	13♒ 3	23♉50	20♒16	21♊40	20♉40	21°R48	16♉21	28♉21	13♏22	14♏50	9♎22	23♉15	T 1
F 2	10 37 46	11° 5'34	8♐31	13°57	24°54	21° 3	21°43	20°45	21♍46	16°22	28°22	13°R22	14°46	9°28	23°17	F 2
S 3	10 41 43	12° 5'42	21° 3	14°54	25°59	21°50	21°46	20°49	21°43	16°23	28°22	13°22	14°43	9°35	23°19	S 3
S 4	10 45 39	13° 5'49	3♉58	15°53	27° 4	22°37	21°49	20°53	21°41	16°25	28°23	13°20	14°40	9°42	23°21	S 4
M 5	10 49 36	14° 5'54	17°21	16°55	28° 9	23°24	21°52	20°58	21°38	16°26	28°23	13°15	14°37	9°48	23°23	M 5
T 6	10 53 32	15° 5'58	1♒14	18° 0	29°15	24°11	21°56	21° 2	21°35	16°27	28°23	13° 9	14°34	9°55	23°25	T 6
W 7	10 57 29	16° 6'00	15°36	19° 7	0♒20	24°58	22° 0	21° 7	21°33	16°28	28°24	13° 0	14°31	10° 2	23°27	W 7
T 8	11 1 25	17° 6'01	0♓22	20°16	1°26	25°45	22° 4	21°11	21°30	16°30	28°24	12°51	14°27	10° 8	23°30	T 8
F 9	11 5 22	18° 5'59	15°26	21°27	2°32	26°32	22° 8	21°16	21°28	16°31	28°25	12°43	14°24	10°15	23°32	F 9
S 10	11 9 18	19° 5'56	0♈37	22°40	3°39	27°19	22°12	21°21	21°25	16°32	28°26	12°35	14°21	10°22	23°34	S 10
S 11	11 13 15	20° 5'50	15°46	23°55	4°45	28° 6	22°16	21°26	21°22	16°34	28°26	12°30	14°18	10°28	23°37	S 11
M12	11 17 12	21° 5'42	0♉42	25°12	5°52	28°53	22°21	21°31	21°20	16°35	28°27	12°28	14°15	10°35	23°39	M12
T 13	11 21 8	22° 5'33	15°20	26°30	6°58	29°41	22°26	21°36	21°17	16°37	28°27	12°D27	14°11	10°42	23°42	T 13
W14	11 25 5	23° 5'21	29°34	27°50	8° 5	0♓28	22°31	21°41	21°14	16°38	28°28	12°28	14° 8	10°48	23°45	W14
T 15	11 29 1	24° 5'07	13♊25	29°12	9°12	1°15	22°36	21°47	21°12	16°40	28°29	12°29	14° 5	10°55	23°47	T 15
F 16	11 32 58	25° 4'50	26°52	0♓35	10°20	2° 2	22°41	21°52	21° 9	16°41	28°29	12°R29	14° 2	11° 2	23°50	F 16
S 17	11 36 54	26° 4'32	9♋58	2° 0	11°27	2°49	22°47	21°57	21° 7	16°43	28°30	12°28	13°59	11° 8	23°53	S 17
S 18	11 40 51	27° 4'11	22°46	3°26	12°34	3°36	22°52	22° 3	21° 4	16°44	28°31	12°25	13°56	11°15	23°56	S 18
M19	11 44 47	28° 3'48	5♌19	4°54	13°42	4°23	22°58	22° 8	21° 1	16°46	28°32	12°20	13°52	11°22	23°59	M19
T 20	11 48 44	29° 3'22	17°40	6°23	14°50	5°10	23° 4	22°14	20°59	16°48	28°32	12°14	13°49	11°28	24° 2	T 20
W21	11 52 41	0♈ 2'54	29°51	7°53	15°58	5°57	23°10	22°20	20°56	16°49	28°33	12° 6	13°46	11°35	24° 5	W21
T 22	11 56 37	1° 2'24	11♍53	9°25	17° 6	6°44	23°17	22°26	20°54	16°51	28°34	11°58	13°43	11°42	24° 8	T 22
F 23	12 0 34	2° 1'52	23°50	10°58	18°14	7°31	23°23	22°31	20°51	16°53	28°35	11°50	13°40	11°48	24°11	F 23
S 24	12 4 30	3° 1'18	5♎42	12°33	19°22	8°18	23°30	22°37	20°49	16°54	28°35	11°44	13°36	11°55	24°14	S 24
S 25	12 8 27	4° 0'42	17°31	14° 8	20°31	9° 5	23°36	22°43	20°46	16°56	28°36	11°40	13°33	12° 2	24°17	S 25
M26	12 12 23	5° 0'04	29°19	15°46	21°39	9°52	23°43	22°49	20°43	16°58	28°37	11°37	13°30	12° 8	24°21	M26
T 27	12 16 20	5°59'24	11♏ 9	17°24	22°48	10°39	23°50	22°55	20°41	17° 0	28°38	11°D36	13°27	12°15	24°24	T 27
W28	12 20 16	6°58'42	23° 4	19° 4	23°56	11°26	23°57	23° 1	20°39	17° 1	28°39	11°37	13°24	12°22	24°27	W28
T 29	12 24 13	7°57'58	5♐ 7	20°46	25° 5	12°13	24° 5	23° 8	20°36	17° 3	28°40	11°38	13°21	12°28	24°31	T 29
F 30	12 28 9	8°57'12	17°22	22°28	26°14	13° 0	24°12	23°14	20°34	17° 5	28°41	11°40	13°17	12°35	24°34	F 30
S 31	12 32 6	9♈56'25	29♐53	24♓12	27♒23	13♓47	24♊20	23♉20	20♍31	17♉ 7	28♉42	11♏41	13♏14	12♎42	24♉37	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s47	18s13	1n 9	16s50	0n 5	19s10	2n13	15s47	1s 6	23n 2	0s10	16n 0	2s 0	4n 0	0n49	15n 4	1s45	7n 1	13s 6	15s51	16s18	6s28	15n28	3s14
F 2	7 25	19 35	2 10	16 45	0s 6	19 4	2 8	15 32	1 6	23 2	0 10	16 1	2 0	4 1	0 49	15 4	1 45	7 1	13 5	15 52	16 17	6 30	15 28	3 14
S 3	7 2	20 2	3 7	16 38	0 16	18 57	2 3	15 17	1 7	23 2	0 9	16 2	2 0	4 2	0 49	15 5	1 44	7 2	13 5	15 52	16 16	6 32	15 29	3 14
S 4	6 39	19 27	3 57	16 30	0 26	18 50	1 58	15 2	1 7	23 3	0 9	16 4	2 0	4 3	0 49	15 5	1 44	7 2	13 5	15 51	16 15	6 34	15 29	3 14
M 5	6 16	17 47	4 35	16 20	0 36	18 42	1 53	14 47	1 7	23 3	0 9	16 5	1 59	4 4	0 49	15 6	1 44	7 2	13 5	15 50	16 14	6 36	15 30	3 14
T 6	5 52	15 2	4 59	16 9	0 45	18 34	1 48	14 31	1 7	23 3	0 9	16 7	1 59	4 5	0 49	15 6	1 44	7 3	13 4	15 48	16 13	6 37	15 31	3 14
W 7	5 29	11 18	5 5	15 57	0 53	18 25	1 43	14 16	1 7	23 4	0 9	16 8	1 59	4 6	0 49	15 6	1 44	7 3	13 4	15 45	16 12	6 39	15 31	3 13
T 8	5 6	6 48	4 52	15 43	1 2	18 16	1 38	14 0	1 7	23 4	0 9	16 10	1 59	4 7	0 49	15 7	1 44	7 4	13 4	15 42	16 11	6 41	15 32	3 13
F 9	4 42	1 47	4 18	15 28	1 10	18 6	1 33	13 44	1 8	23 5	0 9	16 11	1 58	4 8	0 49	15 7	1 44	7 4	13 3	15 40	16 10	6 43	15 33	3 13
S 10	4 19	3n23	3 25	15 11	1 17	17 56	1 28	13 28	1 8	23 5	0 8	16 13	1 58	4 9	0 49	15 8	1 44	7 4	13 3	15 37	16 9	6 45	15 33	3 13
S 11	3 55	8 20	2 19	14 53	1 24	17 45	1 23	13 12	1 8	23 5	0 8	16 14	1 58	4 10	0 49	15 8	1 44	7 5	13 3	15 36	16 8	6 47	15 34	3 13
M12	3 32	12 42	1 3	14 34	1 31	17 34	1 18	12 56	1 8	23 6	0 8	16 16	1 58	4 11	0 49	15 9	1 44	7 5	13 3	15 35	16 7	6 49	15 35	3 13
T 13	3 8	16 12	0s16	14 13	1 37	17 22	1 13	12 39	1 8	23 6	0 8	16 17	1 57	4 12	0 49	15 9	1 44	7 6	13 2	15 35	16 6	6 51	15 36	3 13
W14	2 45	18 35	1 31	13 51	1 43	17 10	1 8	12 23	1 8	23 7	0 8	16 19	1 57	4 13	0 49	15 10	1 44	7 6	13 2	15 35	16 5	6 53	15 36	3 13
T 15	2 21	19 47	2 39	13 27	1 49	16 57	1 3	12 6	1 8	23 7	0 8	16 20	1 57	4 14	0 49	15 10	1 44	7 6	13 2	15 36	16 4	6 55	15 37	3 13
F 16	1 57	19 49	3 36	13 3	1 54	16 44	0 58	11 49	1 8	23 7	0 8	16 22	1 57	4 15	0 49	15 11	1 44	7 7	13 1	15 36	16 4	6 57	15 38	3 13
S 17	1 34	18 45	4 21	12 37	1 58	16 30	0 54	11 33	1 9	23 8	0 7	16 23	1 57	4 16	0 49	15 11	1 44	7 7	13 1	15 35	16 3	6 59	15 39	3 13
S 18	1 10	16 45	4 51	12 9	2 3	16 16	0 49	11 16	1 9	23 8	0 7	16 25	1 56	4 17	0 49	15 11	1 44	7 8	13 1	15 34	16 2	7 1	15 39	3 12
M19	0 46	13 59	5 6	11 41	2 6	16 1	0 44	10 59	1 9	23 9	0 7	16 27	1 56	4 18	0 49	15 12	1 44	7 8	13 1	15 33	16 1	7 3	15 40	3 12
T 20	0 23	10 40	5 7	11 11	2 10	15 46	0 39	10 41	1 9	23 9	0 7	16 28	1 56	4 19	0 49	15 12	1 44	7 8	13 0	15 31	16 0	7 5	15 41	3 12
W21	0n 1	6 56	4 54	10 40	2 13	15 30	0 35	10 24	1 9	23 10	0 7	16 30	1 56	4 20	0 49	15 13	1 44	7 9	13 0	15 28	15 59	7 7	15 42	3 12
T 22	0 25	2 58	4 28	10 8	2 15	15 14	0 30	10 7	1 9	23 10	0 7	16 32	1 55	4 21	0 49	15 14	1 43	7 9	13 0	15 26	15 58	7 9	15 43	3 12
F 23	0 48	1s 5	3 50	9 34	2 17	14 58	0 26	9 49	1 9	23 11	0 7	16 33	1 55	4 22	0 48	15 14	1 43	7 10	13 0	15 24	15 57	7 10	15 43	3 12
S 24	1 12	5 4	3 3	9 0	2 19	14 41	0 21	9 32	1 9	23 11	0 6	16 35	1 55	4 23	0 48	15 15	1 43	7 10	12 59	15 22	15 56	7 12	15 44	3 12
S 25	1 36	8 51	2 8	8 24	2 20	14 24	0 17	9 14	1 9	23 12	0 6	16 37	1 55	4 24	0 48	15 15	1 43	7 11	12 59	15 20	15 55	7 14	15 45	3 12
M26	1 59	12 17	1 7	7 47	2 21	14 6	0 13	8 56	1 9	23 12	0 6	16 38	1 55	4 25	0 48	15 16	1 43	7 11	12 59	15 20	15 54	7 16	15 46	3 12
T 27	2 23	15 13	0 2	7 8	2 21	13 48	0 8	8 39	1 9	23 12	0 6	16 40	1 54	4 26	0 48	15 16	1 43	7 11	12 59	15 19	15 53	7 18	15 47	3 12
W28	2 46	17 33	1n 2	6 29	2 20	13 29	0 4	8 21	1 9	23 13	0 6	16 42	1 54	4 27	0 48	15 17	1 43	7 12	12 58	15 20	15 52	7 20	15 48	3 12
T 29	3 10	19 7	2 5	5 48	2 20	13 10	0s 0	8 3	1 9	23 13	0 6	16 43	1 54	4 28	0 48	15 17	1 43	7 12	12 58	15 20	15 51	7 22	15 49	3 12
F 30	3 33	19 49	3 3	5 6	2 18	12 51	0 4	7 45	1 9	23 14	0 6	16 45	1 54	4 29	0 48	15 18	1 43	7 13	12 58	15 21	15 50	7 24	15 49	3 12
S 31	3n56	19s33	3n54	4s24	2s17	12s31	0s 8	7s27	1s 9	23n14	0s 6	16n47	1s54	4n30	0n48	15n18	1s43	7n13	12s58	15s21	15s49	7s26	15n50	3s11

Julian Day Number = 2408870.5, Delta T = -4.23 sec
Ecliptic obliquity = 23°27'10, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°06'31, Lahiri = 22°13'32

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ASTRODIENST EPHEMERIS for the year 1883
geocentric

APRIL 1883 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 36 3	10♈55'36	12♉45	25♓58	28♒32	14♓34	24♊27	23♉27	20°R29	17♉ 9	28♉43	11°R42	13♏11	12♎48	24♉41	S 1
M 2	12 39 59	11°54'45	26° 2	27°45	29°42	15°21	24°35	23°33	20♍26	17°11	28°44	11♏41	13° 8	12°55	24°44	M 2
T 3	12 43 56	12°53'53	9♒46	29°33	0♓51	16° 7	24°43	23°40	20°24	17°13	28°45	11°39	13° 5	13° 2	24°48	T 3
W 4	12 47 52	13°52'58	23°58	1♈23	2° 0	16°54	24°51	23°46	20°22	17°15	28°46	11°36	13° 2	13° 8	24°52	W 4
T 5	12 51 49	14°52'02	8♓36	3°14	3°10	17°41	25° 0	23°53	20°19	17°17	28°47	11°32	12°58	13°15	24°55	T 5
F 6	12 55 45	15°51'04	23°34	5° 7	4°20	18°28	25° 8	23°59	20°17	17°19	28°48	11°28	12°55	13°22	24°59	F 6
S 7	12 59 42	16°50'04	8♈45	7° 1	5°29	19°15	25°17	24° 6	20°15	17°21	28°49	11°25	12°52	13°28	25° 3	S 7
S 8	13 3 38	17°49'02	23°59	8°56	6°39	20° 2	25°25	24°13	20°13	17°23	28°50	11°23	12°49	13°35	25° 7	S 8
M 9	13 7 35	18°47'58	9♉ 6	10°53	7°49	20°48	25°34	24°19	20°10	17°25	28°51	11°D22	12°46	13°42	25°10	M 9
T 10	13 11 32	19°46'52	23°58	12°51	8°59	21°35	25°43	24°26	20° 8	17°27	28°52	11°23	12°42	13°48	25°14	T 10
W11	13 15 28	20°45'44	8♊27	14°51	10° 9	22°22	25°52	24°33	20° 6	17°29	28°53	11°24	12°39	13°55	25°18	W11
T 12	13 19 25	21°44'33	22°30	16°52	11°18	23° 9	26° 1	24°40	20° 4	17°31	28°54	11°25	12°36	14° 2	25°22	T 12
F 13	13 23 21	22°43'20	6♋ 7	18°54	12°29	23°55	26°10	24°47	20° 2	17°33	28°55	11°26	12°33	14° 8	25°26	F 13
S 14	13 27 18	23°42'05	19°18	20°58	13°39	24°42	26°20	24°54	20° 0	17°35	28°56	11°R27	12°30	14°15	25°30	S 14
S 15	13 31 14	24°40'48	2♌ 7	23° 3	14°49	25°29	26°29	25° 1	19°58	17°37	28°57	11°27	12°27	14°22	25°34	S 15
M16	13 35 11	25°39'29	14°38	25° 8	15°59	26°15	26°39	25° 8	19°56	17°39	28°59	11°26	12°23	14°28	25°38	M16
T 17	13 39 7	26°38'07	26°52	27°15	17° 9	27° 2	26°48	25°15	19°54	17°41	29° 0	11°25	12°20	14°35	25°42	T 17
W18	13 43 4	27°36'43	8♍56	29°22	18°20	27°48	26°58	25°23	19°52	17°43	29° 1	11°23	12°17	14°42	25°46	W18
T 19	13 47 1	28°35'17	20°51	1♉29	19°30	28°35	27° 8	25°30	19°50	17°46	29° 2	11°21	12°14	14°48	25°50	T 19
F 20	13 50 57	29°33'49	2♎42	3°37	20°41	29°21	27°18	25°37	19°48	17°48	29° 3	11°19	12°11	14°55	25°54	F 20
S 21	13 54 54	0♉32'18	14°30	5°45	21°51	0♈ 8	27°28	25°44	19°46	17°50	29° 4	11°17	12° 8	15° 2	25°58	S 21
S 22	13 58 50	1°30'46	26°19	7°52	23° 2	0°54	27°38	25°52	19°45	17°52	29° 6	11°17	12° 4	15° 8	26° 3	S 22
M23	14 2 47	2°29'12	8♏11	9°59	24°12	1°41	27°49	25°59	19°43	17°54	29° 7	11°D16	12° 1	15°15	26° 7	M23
T 24	14 6 43	3°27'36	20° 7	12° 5	25°23	2°27	27°59	26° 6	19°41	17°56	29° 8	11°16	11°58	15°22	26°11	T 24
W25	14 10 40	4°25'59	2♐10	14°10	26°34	3°13	28° 9	26°14	19°40	17°59	29° 9	11°17	11°55	15°28	26°15	W25
T 26	14 14 36	5°24'19	14°23	16°13	27°44	4° 0	28°20	26°21	19°38	18° 1	29°11	11°17	11°52	15°35	26°20	T 26
F 27	14 18 33	6°22'38	26°47	18°14	28°55	4°46	28°31	26°28	19°37	18° 3	29°12	11°18	11°48	15°42	26°24	F 27
S 28	14 22 30	7°20'56	9♑25	20°13	0♈ 6	5°32	28°41	26°36	19°35	18° 5	29°13	11°18	11°45	15°48	26°28	S 28
S 29	14 26 26	8°19'12	22°21	22°10	1°17	6°18	28°52	26°43	19°34	18° 7	29°14	11°19	11°42	15°55	26°32	S 29
M30	14 30 23	9♉17'26	5♒37	24♉ 4	2♈28	7♈ 5	29♊ 3	26♉51	19♍32	18♉10	29♉16	11°R19	11♏39	16♎ 2	26♉37	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n20	18s17	4n35	3s40	2s14	12s11	0s12	7s 9	1s 9	23n15	0s 5	16n49	1s53	4n31	0n48	15n19	1s43	7n13	12s57	15s21	15s48	7s28	15n51	3s11
M 2	4 43	16 0	5 2	2 55	2 12	11 50	0 16	6 50	1 9	23 15	0 5	16 51	1 53	4 32	0 48	15 20	1 43	7 14	12 57	15 21	15 47	7 30	15 52	3 11
T 3	5 6	12 46	5 14	2 9	2 8	11 30	0 20	6 32	1 9	23 16	0 5	16 52	1 53	4 33	0 48	15 20	1 43	7 14	12 57	15 20	15 46	7 32	15 53	3 11
W 4	5 29	8 43	5 7	1 22	2 5	11 8	0 24	6 14	1 9	23 16	0 5	16 54	1 53	4 34	0 48	15 21	1 43	7 15	12 57	15 19	15 45	7 33	15 54	3 11
T 5	5 52	4 1	4 40	0 33	2 1	10 47	0 28	5 56	1 9	23 17	0 5	16 56	1 53	4 35	0 48	15 21	1 43	7 15	12 56	15 18	15 44	7 35	15 55	3 11
F 6	6 14	1n 1	3 53	0n16	1 56	10 25	0 31	5 37	1 9	23 17	0 5	16 58	1 53	4 35	0 48	15 22	1 43	7 16	12 56	15 17	15 44	7 37	15 56	3 11
S 7	6 37	6 5	2 50	1 6	1 51	10 3	0 35	5 19	1 9	23 17	0 5	16 59	1 52	4 36	0 48	15 22	1 43	7 16	12 56	15 16	15 43	7 39	15 57	3 11
S 8	7 0	10 46	1 34	1 56	1 45	9 40	0 38	5 0	1 9	23 18	0 5	17 1	1 52	4 37	0 48	15 23	1 43	7 16	12 56	15 15	15 42	7 41	15 58	3 11
M 9	7 22	14 44	0 13	2 48	1 39	9 17	0 42	4 42	1 9	23 18	0 4	17 3	1 52	4 38	0 48	15 24	1 43	7 17	12 56	15 15	15 41	7 43	15 59	3 11
T 10	7 44	17 40	1s 9	3 40	1 32	8 54	0 45	4 23	1 9	23 19	0 4	17 5	1 52	4 39	0 48	15 24	1 43	7 17	12 55	15 15	15 40	7 45	15 59	3 11
W11	8 7	19 21	2 24	4 33	1 24	8 31	0 48	4 5	1 8	23 19	0 4	17 7	1 52	4 40	0 48	15 25	1 43	7 18	12 55	15 16	15 39	7 47	16 0	3 11
T 12	8 29	19 47	3 28	5 27	1 17	8 7	0 52	3 46	1 8	23 19	0 4	17 8	1 52	4 41	0 48	15 25	1 43	7 18	12 55	15 16	15 38	7 49	16 1	3 11
F 13	8 51	19 1	4 18	6 21	1 9	7 43	0 55	3 28	1 8	23 20	0 4	17 10	1 51	4 41	0 48	15 26	1 43	7 18	12 55	15 16	15 37	7 50	16 2	3 11
S 14	9 12	17 13	4 53	7 16	1 0	7 19	0 58	3 9	1 8	23 20	0 4	17 12	1 51	4 42	0 48	15 27	1 43	7 19	12 55	15 17	15 36	7 52	16 3	3 11
S 15	9 34	14 37	5 12	8 11	0 51	6 55	1 1	2 50	1 8	23 21	0 4	17 14	1 51	4 43	0 48	15 27	1 43	7 19	12 54	15 17	15 35	7 54	16 4	3 11
M16	9 55	11 25	5 16	9 5	0 41	6 30	1 4	2 32	1 8	23 21	0 4	17 16	1 51	4 44	0 48	15 28	1 43	7 20	12 54	15 16	15 34	7 56	16 5	3 11
T 17	10 17	7 47	5 5	10 0	0 32	6 6	1 6	2 13	1 8	23 21	0 3	17 18	1 51	4 44	0 48	15 28	1 43	7 20	12 54	15 16	15 33	7 58	16 6	3 11
W18	10 38	3 53	4 41	10 55	0 21	5 41	1 9	1 54	1 8	23 22	0 3	17 19	1 51	4 45	0 48	15 29	1 43	7 21	12 54	15 15	15 32	8 0	16 7	3 11
T 19	10 59	0s 7	4 4	11 49	0 11	5 15	1 12	1 36	1 7	23 22	0 3	17 21	1 51	4 46	0 48	15 30	1 43	7 21	12 54	15 15	15 31	8 2	16 8	3 11
F 20	11 19	4 6	3 18	12 43	0 0	4 50	1 14	1 17	1 7	23 22	0 3	17 23	1 50	4 46	0 48	15 30	1 43	7 21	12 54	15 14	15 30	8 3	16 9	3 11
S 21	11 40	7 55	2 23	13 36	0n10	4 24	1 17	0 58	1 7	23 23	0 3	17 25	1 50	4 47	0 48	15 31	1 43	7 22	12 53	15 14	15 29	8 5	16 10	3 11
S 22	12 0	11 26	1 22	14 28	0 21	3 59	1 19	0 40	1 7	23 23	0 3	17 27	1 50	4 48	0 48	15 32	1 43	7 22	12 53	15 13	15 28	8 7	16 11	3 11
M23	12 21	14 31	0 17	15 19	0 32	3 33	1 21	0 21	1 7	23 23	0 3	17 29	1 50	4 48	0 48	15 32	1 42	7 23	12 53	15 13	15 27	8 9	16 12	3 11
T 24	12 41	17 0	0n49	16 9	0 43	3 7	1 23	0 3	1 6	23 24	0 3	17 30	1 50	4 49	0 48	15 33	1 42	7 23	12 53	15 13	15 26	8 11	16 13	3 11
W25	13 0	18 45	1 54	16 57	0 53	2 41	1 25	0n16	1 6	23 24	0 3	17 32	1 50	4 50	0 48	15 33	1 42	7 23	12 53	15 13	15 25	8 13	16 14	3 11
T 26	13 20	19 40	2 54	17 43	1 4	2 14	1 27	0 35	1 6	23 24	0 2	17 34	1 50	4 50	0 48	15 34	1 42	7 24	12 53	15 14	15 24	8 15	16 15	3 11
F 27	13 39	19 38	3 47	18 27	1 14	1 48	1 29	0 53	1 6	23 24	0 2	17 36	1 50	4 51	0 48	15 35	1 42	7 24	12 53	15 14	15 23	8 16	16 16	3 11
S 28	13 58	18 38	4 30	19 9	1 23	1 21	1 31	1 12	1 6	23 25	0 2	17 38	1 49	4 51	0 48	15 35	1 42	7 24	12 52	15 14	15 22	8 18	16 17	3 11
S 29	14 17	16 39	5 1	19 49	1 33	0 55	1 33	1 30	1 5	23 25	0 2	17 40	1 49	4 52	0 48	15 36	1 42	7 25	12 52	15 14	15 21	8 20	16 18	3 11
M30	14n36	13s46	5n16	20n26	1n41	0s28	1s35	1n49	1s 5	23n25	0s 2	17n41	1s49	4n52	0n48	15n37	1s42	7n25	12s52	15s14	15s20	8s22	16n19	3s11

Julian Day Number = 2408901.5, Delta T = -4.25 sec
Ecliptic obliquity = 23°27'10, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°06'35, Lahiri = 22°13'36

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ASTRODIENST EPHEMERIS for the year 1883
geocentric

MAY 1883 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 34 19	10♉15'39	19♒14	25♉56	3♈39	7♈51	29♊14	26♉58	19°R31	18♉12	29♉17	11°R19	11♏36	16♎ 8	26♉41	T 1
W 2	14 38 16	11°13'51	3♓14	27°44	4°50	8°37	29°25	27° 6	19♍29	18°14	29°18	11°D19	11°33	16°15	26°46	W 2
T 3	14 42 12	12°12'01	17°36	29°29	6° 1	9°23	29°36	27°14	19°28	18°16	29°20	11♏19	11°29	16°22	26°50	T 3
F 4	14 46 9	13°10'09	2♈17	1♊10	7°12	10° 9	29°48	27°21	19°27	18°19	29°21	11°19	11°26	16°28	26°54	F 4
S 5	14 50 5	14° 8'16	17°12	2°49	8°24	10°55	29°59	27°29	19°26	18°21	29°22	11°19	11°23	16°35	26°59	S 5
S 6	14 54 2	15° 6'22	2♉15	4°23	9°35	11°41	0♋10	27°36	19°25	18°23	29°24	11°19	11°20	16°42	27° 3	S 6
M 7	14 57 58	16° 4'26	17°15	5°54	10°46	12°27	0°22	27°44	19°24	18°25	29°25	11°R19	11°17	16°48	27° 8	M 7
T 8	15 1 55	17° 2'28	2♊ 6	7°20	11°57	13°13	0°34	27°52	19°23	18°28	29°26	11°19	11°13	16°55	27°12	T 8
W 9	15 5 52	18° 0'29	16°40	8°43	13° 9	13°59	0°45	28° 0	19°22	18°30	29°28	11°19	11°10	17° 2	27°17	W 9
T 10	15 9 48	18°58'28	0♋51	10° 2	14°20	14°45	0°57	28° 7	19°21	18°32	29°29	11°18	11° 7	17° 8	27°21	T 10
F 11	15 13 45	19°56'26	14°36	11°17	15°31	15°30	1° 9	28°15	19°20	18°34	29°30	11°17	11° 4	17°15	27°26	F 11
S 12	15 17 41	20°54'21	27°55	12°28	16°43	16°16	1°21	28°23	19°19	18°37	29°32	11°16	11° 1	17°22	27°30	S 12
S 13	15 21 38	21°52'15	10♌49	13°35	17°54	17° 2	1°32	28°30	19°18	18°39	29°33	11°15	10°58	17°28	27°35	S 13
M14	15 25 34	22°50'07	23°21	14°37	19° 6	17°47	1°44	28°38	19°17	18°41	29°34	11°D15	10°54	17°35	27°39	M14
T 15	15 29 31	23°47'57	5♍36	15°36	20°17	18°33	1°56	28°46	19°17	18°43	29°36	11°15	10°51	17°41	27°44	T 15
W16	15 33 27	24°45'46	17°38	16°29	21°28	19°18	2° 9	28°54	19°16	18°46	29°37	11°16	10°48	17°48	27°48	W16
T 17	15 37 24	25°43'32	29°31	17°19	22°40	20° 4	2°21	29° 1	19°16	18°48	29°38	11°17	10°45	17°55	27°53	T 17
F 18	15 41 21	26°41'17	11♎19	18° 4	23°52	20°49	2°33	29° 9	19°15	18°50	29°40	11°19	10°42	18° 1	27°57	F 18
S 19	15 45 17	27°39'01	23° 8	18°44	25° 3	21°35	2°45	29°17	19°15	18°52	29°41	11°20	10°39	18° 8	28° 2	S 19
S 20	15 49 14	28°36'43	4♏59	19°20	26°15	22°20	2°58	29°25	19°14	18°55	29°42	11°21	10°35	18°15	28° 6	S 20
M21	15 53 10	29°34'24	16°56	19°51	27°26	23° 5	3°10	29°32	19°14	18°57	29°44	11°R21	10°32	18°21	28°11	M21
T 22	15 57 7	0♊32'03	29° 2	20°18	28°38	23°51	3°22	29°40	19°13	18°59	29°45	11°20	10°29	18°28	28°15	T 22
W23	16 1 3	1°29'41	11♐19	20°40	29°50	24°36	3°35	29°48	19°13	19° 1	29°46	11°18	10°26	18°35	28°20	W23
T 24	16 5 0	2°27'18	23°46	20°57	1♉ 2	25°21	3°47	29°56	19°13	19° 4	29°48	11°15	10°23	18°41	28°24	T 24
F 25	16 8 56	3°24'54	6♑27	21° 9	2°13	26° 6	4° 0	0♊ 3	19°13	19° 6	29°49	11°12	10°19	18°48	28°29	F 25
S 26	16 12 53	4°22'29	19°21	21°16	3°25	26°51	4°13	0°11	19°13	19° 8	29°51	11° 8	10°16	18°55	28°33	S 26
S 27	16 16 50	5°20'03	2♒30	21°R19	4°37	27°36	4°25	0°19	19°D13	19°10	29°52	11° 5	10°13	19° 1	28°38	S 27
M28	16 20 46	6°17'35	15°53	21°17	5°49	28°21	4°38	0°27	19°13	19°12	29°53	11° 3	10°10	19° 8	28°42	M28
T 29	16 24 43	7°15'07	29°32	21°11	7° 1	29° 6	4°51	0°34	19°13	19°14	29°55	11° 2	10° 7	19°15	28°47	T 29
W30	16 28 39	8°12'38	13♓26	21° 1	8°13	29°51	5° 4	0°42	19°13	19°17	29°56	11°D 2	10° 4	19°21	28°51	W30
T 31	16 32 36	9♊10'09	27♓35	20♊46	9♉24	0♉36	5♋16	0♊50	19♍13	19♉19	29♉57	11♏ 3	10♏ 0	19♎28	28♉56	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14n54	10s 4	5n15	21n 1	1n50	0s 1	1s36	2n 7	1s 5	23n25	0s 2	17n43	1s49	4n53	0n48	15n37	1s42	7n26	12s52	15s14	15s19	8s24	16n20	3s11
W 2	15 12	5 44	4 55	21 34	1 57	0n26	1 38	2 26	1 5	23 25	0 2	17 45	1 49	4 53	0 48	15 38	1 42	7 26	12 52	15 14	15 18	8 26	16 21	3 11
T 3	15 30	0 58	4 16	22 4	2 4	0 53	1 39	2 44	1 4	23 25	0 2	17 47	1 49	4 54	0 47	15 38	1 42	7 26	12 52	15 14	15 17	8 27	16 22	3 11
F 4	15 48	3n58	3 21	22 32	2 10	1 19	1 40	3 2	1 4	23 26	0 2	17 49	1 49	4 54	0 47	15 39	1 42	7 27	12 52	15 14	15 16	8 29	16 23	3 11
S 5	16 5	8 46	2 10	22 57	2 15	1 46	1 42	3 21	1 4	23 26	0 2	17 51	1 49	4 55	0 47	15 40	1 42	7 27	12 52	15 14	15 15	8 31	16 24	3 11
S 6	16 23	13 3	0 50	23 19	2 20	2 13	1 43	3 39	1 3	23 26	0 1	17 52	1 49	4 55	0 47	15 40	1 42	7 27	12 52	15 14	15 14	8 33	16 24	3 11
M 7	16 39	16 28	0s33	23 39	2 24	2 40	1 44	3 57	1 3	23 26	0 1	17 54	1 49	4 56	0 47	15 41	1 42	7 28	12 51	15 14	15 13	8 35	16 25	3 11
T 8	16 56	18 45	1 53	23 57	2 26	3 7	1 45	4 15	1 3	23 26	0 1	17 56	1 48	4 56	0 47	15 42	1 42	7 28	12 51	15 14	15 12	8 37	16 26	3 11
W 9	17 12	19 44	3 4	24 13	2 28	3 34	1 46	4 33	1 3	23 26	0 1	17 58	1 48	4 56	0 47	15 42	1 42	7 29	12 51	15 14	15 11	8 38	16 27	3 11
T 10	17 28	19 25	4 2	24 26	2 29	4 1	1 46	4 51	1 2	23 26	0 1	18 0	1 48	4 57	0 47	15 43	1 42	7 29	12 51	15 14	15 10	8 40	16 28	3 11
F 11	17 44	17 57	4 44	24 37	2 29	4 28	1 47	5 9	1 2	23 26	0 1	18 1	1 48	4 57	0 47	15 43	1 42	7 29	12 51	15 13	15 9	8 42	16 29	3 11
S 12	18 0	15 33	5 9	24 46	2 29	4 55	1 48	5 27	1 2	23 26	0 1	18 3	1 48	4 57	0 47	15 44	1 42	7 30	12 51	15 13	15 8	8 44	16 30	3 12
S 13	18 15	12 26	5 17	24 52	2 27	5 21	1 48	5 45	1 1	23 26	0 1	18 5	1 48	4 58	0 47	15 45	1 42	7 30	12 51	15 13	15 7	8 46	16 31	3 12
M14	18 29	8 51	5 10	24 57	2 24	5 48	1 49	6 3	1 1	23 26	0 1	18 7	1 48	4 58	0 47	15 45	1 42	7 30	12 51	15 13	15 6	8 47	16 32	3 12
T 15	18 44	4 58	4 49	25 0	2 20	6 15	1 49	6 20	1 1	23 26	0 0	18 8	1 48	4 58	0 47	15 46	1 42	7 31	12 51	15 13	15 5	8 49	16 33	3 12
W16	18 58	0 58	4 16	25 1	2 16	6 41	1 49	6 38	1 0	23 26	0 0	18 10	1 48	4 58	0 47	15 46	1 42	7 31	12 51	15 13	15 4	8 51	16 34	3 12
T 17	19 12	3s 2	3 32	25 0	2 10	7 8	1 50	6 55	1 0	23 26	0 0	18 12	1 48	4 58	0 47	15 47	1 42	7 31	12 51	15 13	15 3	8 53	16 35	3 12
F 18	19 26	6 55	2 39	24 58	2 4	7 34	1 50	7 13	0 59	23 25	0 0	18 14	1 48	4 59	0 47	15 48	1 42	7 31	12 51	15 14	15 2	8 55	16 36	3 12
S 19	19 39	10 32	1 39	24 54	1 56	8 0	1 50	7 30	0 59	23 25	0 0	18 15	1 48	4 59	0 47	15 48	1 42	7 32	12 51	15 14	15 1	8 56	16 37	3 12
S 20	19 52	13 45	0 35	24 49	1 47	8 26	1 50	7 47	0 59	23 25	0n 0	18 17	1 48	4 59	0 47	15 49	1 42	7 32	12 51	15 15	15 0	8 58	16 38	3 12
M21	20 4	16 25	0n31	24 42	1 38	8 52	1 49	8 5	0 58	23 25	0 0	18 19	1 48	4 59	0 47	15 49	1 42	7 32	12 51	15 15	14 59	9 0	16 38	3 12
T 22	20 16	18 23	1 36	24 33	1 28	9 18	1 49	8 22	0 58	23 25	0 0	18 20	1 48	4 59	0 47	15 50	1 42	7 33	12 50	15 14	14 58	9 2	16 39	3 12
W23	20 28	19 32	2 38	24 23	1 16	9 43	1 49	8 39	0 57	23 25	0 0	18 22	1 47	4 59	0 47	15 51	1 42	7 33	12 50	15 14	14 57	9 4	16 40	3 12
T 24	20 40	19 45	3 33	24 12	1 4	10 8	1 49	8 56	0 57	23 24	0 0	18 24	1 47	4 59	0 47	15 51	1 42	7 33	12 50	15 13	14 56	9 5	16 41	3 12
F 25	20 51	18 59	4 19	24 0	0 51	10 34	1 48	9 12	0 57	23 24	0 1	18 25	1 47	4 59	0 47	15 52	1 42	7 34	12 50	15 12	14 55	9 7	16 42	3 13
S 26	21 2	17 14	4 52	23 47	0 37	10 58	1 48	9 29	0 56	23 24	0 1	18 27	1 47	4 59	0 47	15 52	1 42	7 34	12 50	15 11	14 54	9 9	16 43	3 13
S 27	21 12	14 34	5 11	23 32	0 22	11 23	1 47	9 46	0 56	23 23	0 1	18 29	1 47	4 59	0 46	15 53	1 42	7 34	12 50	15 10	14 53	9 11	16 44	3 13
M28	21 22	11 6	5 13	23 17	0 7	11 48	1 46	10 2	0 55	23 23	0 1	18 30	1 47	4 59	0 46	15 54	1 42	7 34	12 50	15 9	14 52	9 12	16 45	3 13
T 29	21 32	6 59	4 58	23 0	0s 9	12 12	1 46	10 18	0 55	23 23	0 1	18 32	1 47	4 59	0 46	15 54	1 42	7 35	12 50	15 9	14 51	9 14	16 45	3 13
W30	21 41	2 26	4 26	22 43	0 26	12 36	1 45	10 35	0 54	23 22	0 1	18 34	1 47	4 59	0 46	15 55	1 42	7 35	12 50	15 9	14 50	9 16	16 46	3 13
T 31	21n50	2n21	3n37	22n25	0s43	13n 0	1s44	10n51	0s54	23n22	0n 1	18n35	1s47	4n59	0n46	15n55	1s42	7n35	12s50	15s 9	14s49	9s18	16n47	3s13

Julian Day Number = 2408931.5, Delta T = -4.26 sec
Ecliptic obliquity = 23°27'09, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°06'40, Lahiri = 22°13'40

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1883
geocentric

JUNE 1883 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 36 32	10♊ 7'38	11♈57	20°R28	10♉36	1♉20	5♋29	0♊58	19♍13	19♉21	29♉59	11♏ 4	9♏57	19♎35	29♉ 0	F 1
S 2	16 40 29	11° 5'07	26°31	20♊ 6	11°48	2° 5	5°42	1° 5	19°13	19°23	29°59	11° 5	9°54	19°41	29° 5	S 2
S 3	16 44 25	12° 2'36	11♉11	19°41	13° 0	2°50	5°55	1°13	19°14	19°25	0♊ 1	11°R 6	9°51	19°48	29° 9	S 3
M 4	16 48 22	13° 0'03	25°52	19°13	14°12	3°34	6° 8	1°21	19°14	19°27	0° 3	11° 5	9°48	19°55	29°14	M 4
T 5	16 52 19	13°57'30	10♊27	18°43	15°25	4°19	6°21	1°28	19°15	19°29	0° 4	11° 3	9°45	20° 1	29°18	T 5
W 6	16 56 15	14°54'56	24°51	18°11	16°37	5° 3	6°34	1°36	19°15	19°31	0° 5	10°59	9°41	20° 8	29°23	W 6
T 7	17 0 12	15°52'21	8♋58	17°38	17°49	5°48	6°47	1°44	19°16	19°34	0° 7	10°54	9°38	20°15	29°27	T 7
F 8	17 4 8	16°49'45	22°42	17° 5	19° 1	6°32	7° 1	1°51	19°16	19°36	0° 8	10°48	9°35	20°21	29°31	F 8
S 9	17 8 5	17°47'08	6♌ 3	16°31	20°13	7°16	7°14	1°59	19°17	19°38	0° 9	10°43	9°32	20°28	29°36	S 9
S 10	17 12 1	18°44'30	19° 0	15°58	21°25	8° 1	7°27	2° 6	19°18	19°40	0°11	10°38	9°29	20°35	29°40	S 10
M11	17 15 58	19°41'51	1♍35	15°27	22°37	8°45	7°40	2°14	19°18	19°42	0°12	10°35	9°25	20°41	29°45	M11
T 12	17 19 55	20°39'11	13°51	14°56	23°50	9°29	7°54	2°21	19°19	19°44	0°13	10°34	9°22	20°48	29°49	T 12
W13	17 23 51	21°36'30	25°53	14°28	25° 2	10°13	8° 7	2°29	19°20	19°46	0°14	10°D33	9°19	20°54	29°53	W13
T 14	17 27 48	22°33'48	7♎46	14° 3	26°14	10°57	8°20	2°36	19°21	19°48	0°16	10°34	9°16	21° 1	29°57	T 14
F 15	17 31 44	23°31'05	19°35	13°40	27°26	11°41	8°33	2°44	19°22	19°50	0°17	10°36	9°13	21° 8	0♊ 2	F 15
S 16	17 35 41	24°28'21	1♏24	13°21	28°39	12°25	8°47	2°51	19°23	19°52	0°18	10°37	9°10	21°14	0° 6	S 16
S 17	17 39 37	25°25'37	13°19	13° 6	29°51	13° 8	9° 0	2°59	19°24	19°53	0°19	10°R37	9° 6	21°21	0°10	S 17
M18	17 43 34	26°22'52	25°23	12°54	1♊ 3	13°52	9°14	3° 6	19°25	19°55	0°21	10°36	9° 3	21°28	0°14	M18
T 19	17 47 30	27°20'07	7♐40	12°47	2°16	14°36	9°27	3°13	19°26	19°57	0°22	10°33	9° 0	21°34	0°19	T 19
W20	17 51 27	28°17'20	20°11	12°D45	3°28	15°19	9°40	3°21	19°27	19°59	0°23	10°28	8°57	21°41	0°23	W20
T 21	17 55 24	29°14'34	2♑57	12°47	4°40	16° 3	9°54	3°28	19°29	20° 1	0°24	10°21	8°54	21°48	0°27	T 21
F 22	17 59 20	0♋11'47	15°59	12°53	5°53	16°46	10° 7	3°35	19°30	20° 3	0°26	10°13	8°51	21°54	0°31	F 22
S 23	18 3 17	1° 9'00	29°15	13° 5	7° 5	17°30	10°21	3°42	19°31	20° 5	0°27	10° 4	8°47	22° 1	0°35	S 23
S 24	18 7 13	2° 6'12	12♒45	13°21	8°18	18°13	10°34	3°50	19°33	20° 6	0°28	9°56	8°44	22° 8	0°39	S 24
M25	18 11 10	3° 3'25	26°26	13°42	9°30	18°56	10°48	3°57	19°34	20° 8	0°29	9°50	8°41	22°14	0°43	M25
T 26	18 15 6	4° 0'37	10♓16	14° 7	10°43	19°40	11° 1	4° 4	19°36	20°10	0°30	9°46	8°38	22°21	0°47	T 26
W27	18 19 3	4°57'49	24°14	14°38	11°56	20°23	11°15	4°11	19°37	20°12	0°31	9°43	8°35	22°28	0°51	W27
T 28	18 22 59	5°55'02	8♈19	15°13	13° 8	21° 6	11°28	4°18	19°39	20°13	0°33	9°D43	8°31	22°34	0°55	T 28
F 29	18 26 56	6°52'14	22°29	15°52	14°21	21°49	11°42	4°25	19°40	20°15	0°34	9°43	8°28	22°41	0°59	F 29
S 30	18 30 53	7♋49'27	6♉44	16♊36	15♊34	22♉32	11♋55	4♊32	19♍42	20♉17	0♊35	9°R44	8♏25	22♎48	1♊ 3	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21n59	7n 5	2n33	22n 7	1s 0	13n23	1s43	11n 7	0s53	23n22	0n 1	18n37	1s47	4n59	0n46	15n56	1s43	7n35	12s50	15s 9	14s48	9s20	16n48	3s13
S 2	22 7	11 28	1 19	21 48	1 18	13 46	1 42	11 23	0 53	23 21	0 1	18 38	1 47	4 59	0 46	15 56	1 43	7 36	12 50	15 10	14 47	9 21	16 49	3 14
S 3	22 15	15 11	0s 0	21 28	1 35	14 9	1 41	11 38	0 52	23 21	0 1	18 40	1 47	4 58	0 46	15 57	1 43	7 36	12 50	15 10	14 46	9 23	16 50	3 14
M 4	22 22	17 56	1 20	21 9	1 52	14 32	1 40	11 54	0 52	23 20	0 1	18 42	1 47	4 58	0 46	15 57	1 43	7 36	12 50	15 10	14 45	9 25	16 50	3 14
T 5	22 29	19 29	2 34	20 50	2 9	14 54	1 38	12 10	0 51	23 20	0 2	18 43	1 47	4 58	0 46	15 58	1 43	7 36	12 50	15 9	14 44	9 27	16 51	3 14
W 6	22 36	19 45	3 37	20 31	2 26	15 16	1 37	12 25	0 51	23 19	0 2	18 45	1 47	4 58	0 46	15 59	1 43	7 37	12 51	15 8	14 43	9 28	16 52	3 14
T 7	22 42	18 45	4 25	20 12	2 41	15 37	1 36	12 40	0 50	23 18	0 2	18 46	1 47	4 58	0 46	15 59	1 43	7 37	12 51	15 6	14 42	9 30	16 53	3 14
F 8	22 48	16 40	4 56	19 54	2 57	15 58	1 34	12 55	0 50	23 18	0 2	18 48	1 47	4 57	0 46	16 0	1 43	7 37	12 51	15 5	14 41	9 32	16 54	3 14
S 9	22 53	13 45	5 10	19 36	3 11	16 19	1 33	13 10	0 49	23 17	0 2	18 49	1 47	4 57	0 46	16 0	1 43	7 37	12 51	15 3	14 40	9 34	16 54	3 15
S 10	22 58	10 15	5 8	19 20	3 24	16 39	1 31	13 25	0 49	23 17	0 2	18 51	1 47	4 57	0 46	16 1	1 43	7 37	12 51	15 1	14 39	9 35	16 55	3 15
M11	23 3	6 23	4 51	19 4	3 36	16 59	1 30	13 40	0 48	23 16	0 2	18 52	1 47	4 56	0 46	16 1	1 43	7 38	12 51	15 0	14 38	9 37	16 56	3 15
T 12	23 7	2 21	4 21	18 50	3 47	17 19	1 28	13 54	0 48	23 15	0 2	18 54	1 47	4 56	0 46	16 2	1 43	7 38	12 51	15 0	14 37	9 39	16 57	3 15
W13	23 11	1s43	3 39	18 38	3 57	17 38	1 26	14 9	0 47	23 15	0 2	18 55	1 47	4 56	0 46	16 2	1 43	7 38	12 51	15 0	14 36	9 40	16 57	3 15
T 14	23 15	5 40	2 49	18 27	4 5	17 57	1 25	14 23	0 46	23 14	0 2	18 57	1 47	4 55	0 46	16 3	1 43	7 38	12 51	15 0	14 35	9 42	16 58	3 15
F 15	23 18	9 23	1 52	18 17	4 12	18 15	1 23	14 37	0 46	23 13	0 3	18 58	1 47	4 55	0 46	16 3	1 43	7 38	12 51	15 1	14 34	9 44	16 59	3 15
S 16	23 20	12 45	0 50	18 9	4 17	18 33	1 21	14 51	0 45	23 12	0 3	18 59	1 47	4 54	0 46	16 4	1 43	7 39	12 51	15 1	14 33	9 46	17 0	3 16
S 17	23 22	15 37	0n15	18 4	4 21	18 51	1 19	15 5	0 45	23 12	0 3	19 1	1 47	4 54	0 46	16 4	1 43	7 39	12 51	15 1	14 32	9 47	17 0	3 16
M18	23 24	17 50	1 19	17 59	4 24	19 7	1 17	15 18	0 44	23 11	0 3	19 2	1 47	4 53	0 46	16 5	1 43	7 39	12 51	15 1	14 31	9 49	17 1	3 16
T 19	23 26	19 17	2 21	17 57	4 26	19 24	1 15	15 32	0 44	23 10	0 3	19 4	1 47	4 53	0 45	16 5	1 43	7 39	12 51	15 0	14 30	9 51	17 2	3 16
W20	23 26	19 49	3 17	17 57	4 26	19 40	1 13	15 45	0 43	23 9	0 3	19 5	1 47	4 52	0 45	16 6	1 43	7 39	12 51	14 58	14 29	9 53	17 2	3 16
T 21	23 27	19 21	4 4	17 58	4 25	19 55	1 11	15 58	0 42	23 8	0 3	19 6	1 47	4 52	0 45	16 6	1 43	7 39	12 52	14 56	14 28	9 54	17 3	3 17
F 22	23 27	17 52	4 40	18 1	4 22	20 10	1 9	16 11	0 42	23 7	0 3	19 8	1 47	4 51	0 45	16 6	1 43	7 40	12 52	14 53	14 27	9 56	17 4	3 17
S 23	23 27	15 24	5 1	18 6	4 19	20 25	1 7	16 24	0 41	23 6	0 3	19 9	1 47	4 51	0 45	16 7	1 43	7 40	12 52	14 51	14 26	9 58	17 4	3 17
S 24	23 26	12 5	5 6	18 12	4 14	20 38	1 5	16 37	0 40	23 5	0 3	19 10	1 47	4 50	0 45	16 7	1 43	7 40	12 52	14 48	14 25	9 59	17 5	3 17
M25	23 25	8 6	4 54	18 20	4 9	20 52	1 2	16 50	0 40	23 4	0 3	19 12	1 47	4 50	0 45	16 8	1 43	7 40	12 52	14 46	14 24	10 1	17 6	3 17
T 26	23 23	3 38	4 25	18 29	4 3	21 4	1 0	17 2	0 39	23 3	0 4	19 13	1 47	4 49	0 45	16 8	1 43	7 40	12 52	14 45	14 23	10 3	17 6	3 18
W27	23 22	1n 4	3 39	18 40	3 55	21 17	0 58	17 14	0 39	23 2	0 4	19 14	1 47	4 48	0 45	16 9	1 43	7 40	12 52	14 44	14 22	10 4	17 7	3 18
T 28	23 19	5 45	2 40	18 52	3 47	21 28	0 55	17 26	0 38	23 1	0 4	19 15	1 47	4 48	0 45	16 9	1 43	7 40	12 52	14 44	14 21	10 6	17 7	3 18
F 29	23 16	10 10	1 31	19 5	3 39	21 39	0 53	17 38	0 37	23 0	0 4	19 17	1 47	4 47	0 45	16 9	1 43	7 40	12 52	14 44	14 20	10 8	17 8	3 18
S 30	23n13	14n 1	0n16	19n19	3s29	21n50	0s51	17n50	0s37	22n59	0n 4	19n18	1s47	4n46	0n45	16n10	1s43	7n40	12s53	14s44	14s19	10s10	17n 9	3s18

Julian Day Number = 2408962.5, Delta T = -4.28 sec
Ecliptic obliquity = 23°27'09, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°06'44, Lahiri = 22°13'44

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ASTRODIENST EPHEMERIS for the year 1883
geocentric

JULY 1883 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 34 49	8♋46'40	21♉ 0	17♊25	16♊46	23♉15	12♋ 9	4♊39	19♍44	20♉18	0♊36	9°R44	8♏22	22♎54	1♊ 7	S 1
M 2	18 38 46	9°43'53	5♊17	18°18	17°59	23°58	12°22	4°46	19°46	20°20	0°37	9♏41	8°19	23° 1	1°11	M 2
T 3	18 42 42	10°41'07	19°28	19°16	19°12	24°40	12°36	4°52	19°48	20°22	0°38	9°36	8°16	23° 8	1°14	T 3
W 4	18 46 39	11°38'20	3♋32	20°18	20°25	25°23	12°50	4°59	19°49	20°23	0°39	9°29	8°12	23°14	1°18	W 4
T 5	18 50 35	12°35'34	17°22	21°24	21°37	26° 6	13° 3	5° 6	19°51	20°25	0°40	9°19	8° 9	23°21	1°22	T 5
F 6	18 54 32	13°32'47	0♌55	22°34	22°50	26°48	13°17	5°13	19°53	20°26	0°41	9° 9	8° 6	23°27	1°26	F 6
S 7	18 58 28	14°30'01	14° 8	23°49	24° 3	27°31	13°30	5°19	19°55	20°28	0°42	8°59	8° 3	23°34	1°29	S 7
S 8	19 2 25	15°27'14	27° 1	25° 7	25°16	28°13	13°44	5°26	19°58	20°29	0°43	8°49	8° 0	23°41	1°33	S 8
M 9	19 6 22	16°24'27	9♍34	26°30	26°29	28°55	13°57	5°32	20° 0	20°31	0°44	8°42	7°57	23°47	1°36	M 9
T 10	19 10 18	17°21'41	21°49	27°56	27°42	29°38	14°11	5°39	20° 2	20°32	0°45	8°36	7°53	23°54	1°40	T 10
W11	19 14 15	18°18'54	3♎51	29°27	28°55	0♊20	14°24	5°45	20° 4	20°33	0°46	8°34	7°50	24° 1	1°43	W11
T 12	19 18 11	19°16'07	15°44	1♋ 1	0♋ 8	1° 2	14°38	5°52	20° 6	20°35	0°47	8°D33	7°47	24° 7	1°47	T 12
F 13	19 22 8	20°13'21	27°32	2°39	1°21	1°44	14°51	5°58	20° 9	20°36	0°48	8°33	7°44	24°14	1°50	F 13
S 14	19 26 4	21°10'34	9♏23	4°21	2°34	2°26	15° 5	6° 4	20°11	20°38	0°49	8°R33	7°41	24°21	1°54	S 14
S 15	19 30 1	22° 7'47	21°20	6° 6	3°47	3° 8	15°18	6°11	20°13	20°39	0°50	8°32	7°37	24°27	1°57	S 15
M16	19 33 57	23° 5'01	3♐29	7°55	5° 0	3°50	15°32	6°17	20°16	20°40	0°51	8°30	7°34	24°34	2° 0	M16
T 17	19 37 54	24° 2'15	15°54	9°46	6°13	4°31	15°45	6°23	20°18	20°41	0°52	8°25	7°31	24°41	2° 4	T 17
W18	19 41 51	24°59'29	28°37	11°40	7°26	5°13	15°59	6°29	20°21	20°43	0°53	8°18	7°28	24°47	2° 7	W18
T 19	19 45 47	25°56'44	11♑40	13°37	8°39	5°54	16°12	6°35	20°23	20°44	0°54	8° 8	7°25	24°54	2°10	T 19
F 20	19 49 44	26°53'59	25° 3	15°36	9°53	6°36	16°26	6°41	20°26	20°45	0°55	7°57	7°22	25° 1	2°13	F 20
S 21	19 53 40	27°51'14	8♒44	17°38	11° 6	7°17	16°39	6°47	20°28	20°46	0°55	7°45	7°18	25° 7	2°16	S 21
S 22	19 57 37	28°48'30	22°39	19°41	12°19	7°59	16°52	6°52	20°31	20°47	0°56	7°34	7°15	25°14	2°19	S 22
M23	20 1 33	29°45'47	6♓44	21°45	13°32	8°40	17° 6	6°58	20°34	20°48	0°57	7°24	7°12	25°21	2°22	M23
T 24	20 5 30	0♌43'04	20°55	23°50	14°46	9°21	17°19	7° 4	20°36	20°49	0°58	7°18	7° 9	25°27	2°25	T 24
W25	20 9 26	1°40'22	5♈ 7	25°57	15°59	10° 2	17°33	7° 9	20°39	20°50	0°58	7°14	7° 6	25°34	2°28	W25
T 26	20 13 23	2°37'42	19°19	28° 3	17°12	10°43	17°46	7°15	20°42	20°51	0°59	7°12	7° 3	25°40	2°31	T 26
F 27	20 17 20	3°35'02	3♉28	0♌10	18°26	11°24	17°59	7°20	20°45	20°52	1° 0	7°12	6°59	25°47	2°33	F 27
S 28	20 21 16	4°32'24	17°32	2°17	19°39	12° 5	18°12	7°26	20°48	20°53	1° 1	7°11	6°56	25°54	2°36	S 28
S 29	20 25 13	5°29'46	1♊32	4°23	20°53	12°46	18°26	7°31	20°51	20°54	1° 1	7°10	6°53	26° 0	2°39	S 29
M30	20 29 9	6°27'10	15°27	6°28	22° 6	13°26	18°39	7°36	20°53	20°55	1° 2	7° 7	6°50	26° 7	2°41	M30
T 31	20 33 6	7♌24'35	29♊14	8♌33	23♋20	14♊ 7	18♋52	7♊42	20♍56	20♉56	1♊ 3	7♏ 1	6♏47	26♎14	2♊44	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n10	17n 3	1s 0	19n33	3s19	22n 0	0s48	18n 1	0s36	22n58	0n 4	19n19	1s47	4n45	0n45	16n10	1s43	7n41	12s53	14s44	14s18	10s11	17n 9	3s19
M 2	23 6	19 1	2 12	19 49	3 8	22 9	0 46	18 12	0 35	22 57	0 4	19 20	1 47	4 45	0 45	16 11	1 43	7 41	12 53	14 43	14 17	10 13	17 10	3 19
T 3	23 1	19 47	3 16	20 4	2 57	22 17	0 43	18 23	0 35	22 56	0 4	19 21	1 47	4 44	0 45	16 11	1 43	7 41	12 53	14 42	14 16	10 15	17 10	3 19
W 4	22 57	19 18	4 7	20 21	2 46	22 25	0 41	18 34	0 34	22 54	0 4	19 23	1 48	4 43	0 45	16 11	1 44	7 41	12 53	14 39	14 15	10 16	17 11	3 19
T 5	22 51	17 40	4 42	20 37	2 34	22 33	0 38	18 45	0 33	22 53	0 4	19 24	1 48	4 42	0 45	16 12	1 44	7 41	12 53	14 36	14 14	10 18	17 11	3 20
F 6	22 46	15 4	5 0	20 54	2 21	22 40	0 36	18 56	0 32	22 52	0 5	19 25	1 48	4 42	0 45	16 12	1 44	7 41	12 53	14 33	14 13	10 20	17 12	3 20
S 7	22 40	11 46	5 2	21 10	2 9	22 46	0 33	19 6	0 32	22 51	0 5	19 26	1 48	4 41	0 45	16 13	1 44	7 41	12 53	14 30	14 12	10 21	17 12	3 20
S 8	22 33	7 59	4 49	21 26	1 56	22 51	0 31	19 16	0 31	22 49	0 5	19 27	1 48	4 40	0 45	16 13	1 44	7 41	12 54	14 27	14 11	10 23	17 13	3 20
M 9	22 27	3 57	4 21	21 42	1 43	22 56	0 28	19 26	0 30	22 48	0 5	19 28	1 48	4 39	0 45	16 13	1 44	7 41	12 54	14 24	14 10	10 25	17 13	3 20
T 10	22 19	0s 9	3 42	21 56	1 30	23 0	0 26	19 36	0 30	22 47	0 5	19 29	1 48	4 38	0 45	16 14	1 44	7 41	12 54	14 23	14 9	10 26	17 14	3 21
W11	22 12	4 11	2 54	22 11	1 17	23 4	0 23	19 46	0 29	22 45	0 5	19 30	1 48	4 37	0 45	16 14	1 44	7 41	12 54	14 22	14 8	10 28	17 14	3 21
T 12	22 4	8 1	1 58	22 23	1 3	23 6	0 21	19 55	0 28	22 44	0 5	19 31	1 48	4 36	0 45	16 14	1 44	7 41	12 54	14 21	14 7	10 30	17 15	3 21
F 13	21 56	11 31	0 58	22 35	0 50	23 9	0 18	20 4	0 27	22 43	0 5	19 32	1 48	4 35	0 45	16 14	1 44	7 41	12 54	14 22	14 6	10 31	17 15	3 21
S 14	21 47	14 33	0n 4	22 45	0 37	23 10	0 16	20 13	0 27	22 41	0 5	19 33	1 48	4 34	0 45	16 15	1 44	7 41	12 55	14 22	14 5	10 33	17 15	3 22
S 15	21 38	17 1	1 8	22 54	0 25	23 11	0 13	20 22	0 26	22 40	0 5	19 34	1 48	4 33	0 44	16 15	1 44	7 41	12 55	14 21	14 4	10 35	17 16	3 22
M16	21 29	18 46	2 8	23 1	0 12	23 11	0 10	20 31	0 25	22 38	0 5	19 35	1 48	4 32	0 44	16 15	1 44	7 41	12 55	14 21	14 3	10 36	17 16	3 22
T 17	21 19	19 39	3 4	23 5	0 0	23 11	0 8	20 39	0 24	22 37	0 6	19 36	1 48	4 31	0 44	16 16	1 44	7 41	12 55	14 19	14 2	10 38	17 17	3 22
W18	21 9	19 34	3 53	23 8	0n12	23 9	0 5	20 48	0 24	22 35	0 6	19 37	1 48	4 30	0 44	16 16	1 44	7 41	12 55	14 17	14 1	10 39	17 17	3 23
T 19	20 58	18 27	4 30	23 8	0 23	23 7	0 3	20 56	0 23	22 34	0 6	19 38	1 49	4 29	0 44	16 16	1 44	7 41	12 56	14 14	14 0	10 41	17 17	3 23
F 20	20 47	16 19	4 54	23 6	0 33	23 5	0 0	21 4	0 22	22 32	0 6	19 39	1 49	4 28	0 44	16 16	1 44	7 41	12 56	14 10	13 59	10 43	17 18	3 23
S 21	20 36	13 14	5 1	23 1	0 43	23 2	0n 2	21 11	0 21	22 31	0 6	19 40	1 49	4 27	0 44	16 17	1 44	7 41	12 56	14 6	13 57	10 44	17 18	3 24
S 22	20 25	9 23	4 51	22 53	0 53	22 58	0 5	21 19	0 21	22 29	0 6	19 41	1 49	4 26	0 44	16 17	1 44	7 41	12 56	14 2	13 56	10 46	17 18	3 24
M23	20 13	4 58	4 23	22 42	1 2	22 53	0 7	21 26	0 20	22 28	0 6	19 42	1 49	4 25	0 44	16 17	1 44	7 41	12 56	13 59	13 55	10 48	17 19	3 24
T 24	20 0	0 15	3 39	22 29	1 10	22 48	0 10	21 33	0 19	22 26	0 6	19 43	1 49	4 24	0 44	16 17	1 44	7 41	12 56	13 57	13 54	10 49	17 19	3 24
W25	19 48	4n30	2 41	22 14	1 17	22 42	0 12	21 40	0 18	22 24	0 6	19 43	1 49	4 23	0 44	16 18	1 45	7 41	12 57	13 56	13 53	10 51	17 19	3 25
T 26	19 35	9 0	1 33	21 55	1 23	22 35	0 15	21 47	0 17	22 23	0 6	19 44	1 49	4 22	0 44	16 18	1 45	7 41	12 57	13 55	13 52	10 53	17 19	3 25
F 27	19 22	12 59	0 20	21 34	1 29	22 28	0 17	21 53	0 17	22 21	0 7	19 45	1 49	4 21	0 44	16 18	1 45	7 41	12 57	13 55	13 51	10 54	17 20	3 25
S 28	19 8	16 12	0s55	21 11	1 34	22 20	0 20	22 0	0 16	22 19	0 7	19 46	1 49	4 20	0 44	16 18	1 45	7 41	12 57	13 55	13 50	10 56	17 20	3 26
S 29	18 54	18 26	2 5	20 45	1 38	22 12	0 22	22 6	0 15	22 18	0 7	19 47	1 49	4 18	0 44	16 18	1 45	7 41	12 58	13 55	13 49	10 57	17 20	3 26
M30	18 40	19 33	3 8	20 18	1 41	22 2	0 24	22 12	0 14	22 16	0 7	19 47	1 50	4 17	0 44	16 18	1 45	7 40	12 58	13 54	13 48	10 59	17 20	3 26
T 31	18n26	19n29	3s58	19n48	1n43	21n52	0n27	22n17	0s13	22n14	0n 7	19n48	1s50	4n16	0n44	16n19	1s45	7n40	12s58	13s52	13s47	11s 1	17n21	3s26

Julian Day Number = 2408992.5, Delta T = -4.29 sec
Ecliptic obliquity = 23°27'08, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°06'48, Lahiri = 22°13'48

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ASTRODIENST EPHEMERIS for the year 1883
geocentric

AUGUST 1883 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 37 2	8♌22'01	12♋53	10♌37	24♋33	14♊48	19♋ 5	7♊47	20♍59	20♉56	1♊ 3	6°R52	6♏43	26♎20	2♊47	W 1
T 2	20 40 59	9°19'28	26°20	12°40	25°47	15°28	19°18	7°52	21° 2	20°57	1° 4	6♏41	6°40	26°27	2°49	T 2
F 3	20 44 55	10°16'55	9♌33	14°41	27° 1	16° 8	19°31	7°57	21° 6	20°58	1° 4	6°28	6°37	26°34	2°51	F 3
S 4	20 48 52	11°14'24	22°31	16°42	28°14	16°49	19°44	8° 2	21° 9	20°59	1° 5	6°15	6°34	26°40	2°54	S 4
S 5	20 52 49	12°11'54	5♍13	18°41	29°28	17°29	19°57	8° 6	21°12	20°59	1° 6	6° 4	6°31	26°47	2°56	S 5
M 6	20 56 45	13° 9'24	17°38	20°38	0♌42	18° 9	20°10	8°11	21°15	21° 0	1° 6	5°54	6°28	26°54	2°58	M 6
T 7	21 0 42	14° 6'56	29°49	22°34	1°55	18°49	20°23	8°16	21°18	21° 1	1° 7	5°47	6°24	27° 0	3° 0	T 7
W 8	21 4 38	15° 4'28	11♎48	24°29	3° 9	19°29	20°36	8°20	21°21	21° 1	1° 7	5°43	6°21	27° 7	3° 3	W 8
T 9	21 8 35	16° 2'01	23°39	26°22	4°23	20° 9	20°49	8°25	21°25	21° 2	1° 8	5°41	6°18	27°14	3° 5	T 9
F 10	21 12 31	16°59'35	5♏27	28°13	5°37	20°48	21° 2	8°29	21°28	21° 2	1° 8	5°D40	6°15	27°20	3° 7	F 10
S 11	21 16 28	17°57'10	17°17	0♍ 3	6°51	21°28	21°14	8°33	21°31	21° 3	1° 9	5°R40	6°12	27°27	3° 9	S 11
S 12	21 20 24	18°54'46	29°14	1°52	8° 4	22° 7	21°27	8°38	21°34	21° 3	1° 9	5°40	6° 8	27°33	3°11	S 12
M13	21 24 21	19°52'23	11♐24	3°39	9°18	22°47	21°40	8°42	21°38	21° 3	1° 9	5°38	6° 5	27°40	3°12	M13
T 14	21 28 18	20°50'01	23°52	5°24	10°32	23°26	21°52	8°46	21°41	21° 4	1°10	5°34	6° 2	27°47	3°14	T 14
W15	21 32 14	21°47'40	6♑41	7° 8	11°46	24° 5	22° 5	8°50	21°44	21° 4	1°10	5°28	5°59	27°53	3°16	W15
T 16	21 36 11	22°45'20	19°54	8°51	13° 0	24°45	22°18	8°54	21°48	21° 4	1°10	5°19	5°56	28° 0	3°17	T 16
F 17	21 40 7	23°43'01	3♒32	10°32	14°14	25°24	22°30	8°57	21°51	21° 5	1°11	5° 9	5°53	28° 7	3°19	F 17
S 18	21 44 4	24°40'43	17°32	12°12	15°28	26° 3	22°42	9° 1	21°55	21° 5	1°11	4°58	5°49	28°13	3°21	S 18
S 19	21 48 0	25°38'27	1♓51	13°50	16°42	26°41	22°55	9° 5	21°58	21° 5	1°11	4°47	5°46	28°20	3°22	S 19
M20	21 51 57	26°36'12	16°21	15°27	17°56	27°20	23° 7	9° 8	22° 2	21° 5	1°12	4°39	5°43	28°27	3°23	M20
T 21	21 55 53	27°33'58	0♈57	17° 2	19°10	27°59	23°19	9°12	22° 5	21° 6	1°12	4°33	5°40	28°33	3°25	T 21
W22	21 59 50	28°31'46	15°32	18°36	20°25	28°37	23°32	9°15	22° 9	21° 6	1°12	4°29	5°37	28°40	3°26	W22
T 23	22 3 47	29°29'36	0♉ 0	20° 9	21°39	29°16	23°44	9°18	22°12	21° 6	1°12	4°D28	5°34	28°47	3°27	T 23
F 24	22 7 43	0♍27'27	14°19	21°40	22°53	29°54	23°56	9°21	22°16	21° 6	1°12	4°28	5°30	28°53	3°28	F 24
S 25	22 11 40	1°25'21	28°25	23°10	24° 7	0♋32	24° 8	9°25	22°19	21°R 6	1°13	4°R28	5°27	29° 0	3°29	S 25
S 26	22 15 36	2°23'16	12♊19	24°39	25°21	1°11	24°20	9°27	22°23	21° 6	1°13	4°28	5°24	29° 6	3°30	S 26
M27	22 19 33	3°21'13	26° 1	26° 6	26°36	1°49	24°32	9°30	22°27	21° 6	1°13	4°26	5°21	29°13	3°31	M27
T 28	22 23 29	4°19'12	9♋30	27°31	27°50	2°27	24°43	9°33	22°30	21° 6	1°13	4°21	5°18	29°20	3°32	T 28
W29	22 27 26	5°17'13	22°46	28°55	29° 4	3° 5	24°55	9°36	22°34	21° 6	1°13	4°14	5°14	29°26	3°33	W29
T 30	22 31 22	6°15'16	5♌51	0♎18	0♍19	3°42	25° 7	9°38	22°38	21° 5	1°13	4° 5	5°11	29°33	3°34	T 30
F 31	22 35 19	7♍13'20	18♌43	1♎39	1♍33	4♋20	25♋19	9♊41	22♍41	21♉ 5	1♊13	3♏55	5♏ 8	29♎40	3♊35	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n11	18n16	4s35	19n16	1n45	21n42	0n29	22n23	0s12	22n13	0n 7	19n49	1s50	4n15	0n44	16n19	1s45	7n40	12s58	13s49	13s46	11s 2	17n21	3s27
T 2	17 56	16 3	4 56	18 43	1 46	21 31	0 31	22 28	0 12	22 11	0 7	19 49	1 50	4 14	0 44	16 19	1 45	7 40	12 58	13 45	13 45	11 4	17 21	3 27
F 3	17 40	13 3	5 0	18 8	1 46	21 19	0 34	22 33	0 11	22 9	0 7	19 50	1 50	4 12	0 44	16 19	1 45	7 40	12 59	13 41	13 44	11 5	17 21	3 27
S 4	17 25	9 28	4 49	17 32	1 46	21 7	0 36	22 38	0 10	22 7	0 7	19 51	1 50	4 11	0 44	16 19	1 45	7 40	12 59	13 37	13 43	11 7	17 21	3 28
S 5	17 9	5 31	4 23	16 54	1 45	20 54	0 38	22 43	0 9	22 6	0 7	19 51	1 50	4 10	0 44	16 19	1 45	7 40	12 59	13 33	13 42	11 9	17 21	3 28
M 6	16 53	1 26	3 45	16 15	1 43	20 40	0 40	22 47	0 8	22 4	0 8	19 52	1 50	4 9	0 44	16 19	1 45	7 40	12 59	13 30	13 41	11 10	17 21	3 28
T 7	16 36	2s39	2 58	15 36	1 41	20 26	0 42	22 52	0 7	22 2	0 8	19 53	1 50	4 7	0 44	16 20	1 45	7 40	12 59	13 27	13 40	11 12	17 22	3 29
W 8	16 19	6 33	2 3	14 55	1 39	20 11	0 44	22 56	0 6	22 0	0 8	19 53	1 51	4 6	0 44	16 20	1 45	7 40	13 0	13 26	13 39	11 13	17 22	3 29
T 9	16 2	10 10	1 3	14 14	1 35	19 56	0 46	23 0	0 5	21 58	0 8	19 54	1 51	4 5	0 44	16 20	1 45	7 39	13 0	13 25	13 38	11 15	17 22	3 29
F 10	15 45	13 22	0 1	13 32	1 32	19 40	0 48	23 3	0 5	21 56	0 8	19 54	1 51	4 3	0 44	16 20	1 45	7 39	13 0	13 25	13 37	11 17	17 22	3 30
S 11	15 28	16 1	1n 1	12 49	1 27	19 23	0 50	23 7	0 4	21 54	0 8	19 55	1 51	4 2	0 44	16 20	1 45	7 39	13 0	13 25	13 36	11 18	17 22	3 30
S 12	15 10	18 1	2 2	12 6	1 23	19 6	0 52	23 10	0 3	21 53	0 8	19 56	1 51	4 1	0 44	16 20	1 46	7 39	13 1	13 25	13 35	11 20	17 22	3 30
M13	14 52	19 13	2 58	11 23	1 18	18 48	0 54	23 13	0 2	21 51	0 8	19 56	1 51	3 59	0 44	16 20	1 46	7 39	13 1	13 24	13 33	11 21	17 22	3 31
T 14	14 33	19 32	3 47	10 40	1 13	18 30	0 56	23 16	0 1	21 49	0 8	19 57	1 51	3 58	0 44	16 20	1 46	7 39	13 1	13 23	13 32	11 23	17 22	3 31
W15	14 15	18 52	4 26	9 56	1 7	18 11	0 58	23 19	0 0	21 47	0 9	19 57	1 51	3 57	0 44	16 20	1 46	7 38	13 1	13 21	13 31	11 24	17 22	3 31
T 16	13 56	17 10	4 52	9 12	1 1	17 52	0 59	23 22	0n 1	21 45	0 9	19 58	1 52	3 55	0 44	16 20	1 46	7 38	13 2	13 18	13 30	11 26	17 22	3 31
F 17	13 37	14 28	5 2	8 28	0 54	17 33	1 1	23 24	0 2	21 43	0 9	19 58	1 52	3 54	0 44	16 20	1 46	7 38	13 2	13 15	13 29	11 28	17 22	3 32
S 18	13 18	10 54	4 55	7 44	0 48	17 12	1 3	23 26	0 3	21 41	0 9	19 58	1 52	3 53	0 44	16 20	1 46	7 38	13 2	13 11	13 28	11 29	17 22	3 32
S 19	12 59	6 37	4 30	6 59	0 41	16 52	1 4	23 28	0 4	21 39	0 9	19 59	1 52	3 51	0 44	16 20	1 46	7 38	13 2	13 8	13 27	11 31	17 22	3 32
M20	12 39	1 54	3 47	6 15	0 34	16 31	1 6	23 30	0 5	21 37	0 9	19 59	1 52	3 50	0 43	16 20	1 46	7 38	13 3	13 5	13 26	11 32	17 22	3 33
T 21	12 19	2n57	2 49	5 32	0 26	16 9	1 7	23 32	0 5	21 35	0 9	20 0	1 52	3 48	0 43	16 20	1 46	7 37	13 3	13 3	13 25	11 34	17 22	3 33
W22	12 0	7 38	1 39	4 48	0 19	15 47	1 9	23 33	0 6	21 33	0 9	20 0	1 52	3 47	0 43	16 20	1 46	7 37	13 3	13 1	13 24	11 35	17 22	3 33
T 23	11 39	11 51	0 24	4 4	0 11	15 24	1 10	23 34	0 7	21 31	0 9	20 0	1 52	3 46	0 43	16 20	1 46	7 37	13 3	13 1	13 23	11 37	17 21	3 34
F 24	11 19	15 18	0s52	3 21	0 3	15 1	1 11	23 35	0 8	21 29	0 10	20 1	1 53	3 44	0 43	16 20	1 46	7 37	13 3	13 1	13 22	11 38	17 21	3 34
S 25	10 58	17 48	2 4	2 38	0s 5	14 38	1 13	23 36	0 9	21 27	0 10	20 1	1 53	3 43	0 43	16 20	1 46	7 37	13 4	13 1	13 21	11 40	17 21	3 35
S 26	10 38	19 11	3 8	1 56	0 13	14 14	1 14	23 37	0 10	21 25	0 10	20 1	1 53	3 41	0 43	16 20	1 46	7 36	13 4	13 1	13 20	11 42	17 21	3 35
M27	10 17	19 24	4 0	1 13	0 22	13 50	1 15	23 38	0 11	21 23	0 10	20 2	1 53	3 40	0 43	16 20	1 46	7 36	13 4	13 0	13 19	11 43	17 21	3 35
T 28	9 56	18 30	4 37	0 32	0 30	13 25	1 16	23 38	0 12	21 21	0 10	20 2	1 53	3 38	0 43	16 20	1 46	7 36	13 4	12 59	13 18	11 45	17 21	3 36
W29	9 35	16 37	4 59	0s10	0 39	13 0	1 17	23 38	0 13	21 19	0 10	20 2	1 53	3 37	0 43	16 20	1 47	7 36	13 5	12 56	13 17	11 46	17 20	3 36
T 30	9 13	13 54	5 5	0 51	0 47	12 35	1 18	23 38	0 14	21 17	0 10	20 2	1 53	3 35	0 43	16 20	1 47	7 35	13 5	12 53	13 16	11 48	17 20	3 36
F 31	8n52	10n33	4s55	1s31	0s56	12n10	1n19	23n38	0n15	21n15	0n10	20n 3	1s54	3n34	0n43	16n19	1s47	7n35	13s 5	12s50	13s14	11s49	17n20	3s37

Julian Day Number = 2409023.5, Delta T = -4.31 sec
Ecliptic obliquity = 23°27'08, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°06'52, Lahiri = 22°13'53

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ASTRODIENST EPHEMERIS for the year 1883
geocentric

SEPTEMBER 1883 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 39 16	8♍11'26	1♍22	2♎59	2♍47	4♋57	25♋30	9♊43	22♍45	21°R 5	1°R13	3°R45	5♏ 5	29♎46	3♊35	S 1
S 2	22 43 12	9° 9'34	13°48	4°17	4° 2	5°35	25°42	9°45	22°49	21♉ 5	1♊13	3♏36	5° 2	29°53	3°36	S 2
M 3	22 47 9	10° 7'43	26° 2	5°33	5°16	6°12	25°53	9°47	22°52	21° 4	1°13	3°28	4°59	29°59	3°36	M 3
T 4	22 51 5	11° 5'54	8♎ 5	6°48	6°31	6°49	26° 4	9°50	22°56	21° 4	1°13	3°23	4°55	0♏ 6	3°37	T 4
W 5	22 55 2	12° 4'07	19°59	8° 1	7°45	7°26	26°16	9°51	23° 0	21° 4	1°13	3°20	4°52	0°13	3°37	W 5
T 6	22 58 58	13° 2'21	1♏47	9°12	9° 0	8° 3	26°27	9°53	23° 4	21° 3	1°13	3°D19	4°49	0°20	3°37	T 6
F 7	23 2 55	14° 0'37	13°34	10°21	10°14	8°40	26°38	9°55	23° 7	21° 3	1°13	3°19	4°46	0°26	3°37	F 7
S 8	23 6 51	14°58'54	25°22	11°28	11°29	9°17	26°49	9°57	23°11	21° 3	1°12	3°20	4°43	0°33	3°38	S 8
S 9	23 10 48	15°57'13	7♐18	12°33	12°43	9°53	27° 0	9°58	23°15	21° 2	1°12	3°22	4°40	0°39	3°38	S 9
M10	23 14 44	16°55'34	19°27	13°35	13°58	10°30	27°10	10° 0	23°19	21° 2	1°12	3°R22	4°36	0°46	3°R38	M10
T 11	23 18 41	17°53'56	1♑53	14°36	15°12	11° 6	27°21	10° 1	23°22	21° 1	1°12	3°21	4°33	0°53	3°38	T 11
W12	23 22 38	18°52'20	14°42	15°33	16°27	11°42	27°32	10° 2	23°26	21° 0	1°12	3°18	4°30	0°59	3°37	W12
T 13	23 26 34	19°50'45	27°56	16°28	17°42	12°18	27°42	10° 3	23°30	21° 0	1°11	3°13	4°27	1° 6	3°37	T 13
F 14	23 30 31	20°49'12	11♒37	17°20	18°56	12°54	27°53	10° 4	23°34	20°59	1°11	3° 7	4°24	1°13	3°37	F 14
S 15	23 34 27	21°47'40	25°45	18° 9	20°11	13°30	28° 3	10° 5	23°38	20°59	1°11	3° 1	4°20	1°19	3°37	S 15
S 16	23 38 24	22°46'10	10♓17	18°54	21°26	14° 6	28°14	10° 6	23°41	20°58	1°11	2°54	4°17	1°26	3°36	S 16
M17	23 42 20	23°44'42	25° 5	19°36	22°40	14°41	28°24	10° 6	23°45	20°57	1°10	2°49	4°14	1°33	3°36	M17
T 18	23 46 17	24°43'16	10♈ 3	20°13	23°55	15°17	28°34	10° 7	23°49	20°56	1°10	2°46	4°11	1°39	3°35	T 18
W19	23 50 13	25°41'52	25° 1	20°47	25°10	15°52	28°44	10° 7	23°53	20°56	1° 9	2°44	4° 8	1°46	3°35	W19
T 20	23 54 10	26°40'30	9♉51	21°15	26°24	16°27	28°54	10° 8	23°56	20°55	1° 9	2°D44	4° 5	1°53	3°34	T 20
F 21	23 58 7	27°39'11	24°28	21°39	27°39	17° 2	29° 3	10° 8	24° 0	20°54	1° 9	2°45	4° 1	1°59	3°33	F 21
S 22	0 2 3	28°37'54	8♊48	21°58	28°54	17°37	29°13	10° 8	24° 4	20°53	1° 8	2°47	3°58	2° 6	3°32	S 22
S 23	0 6 0	29°36'39	22°47	22°11	0♎ 9	18°12	29°23	10°R 8	24° 8	20°52	1° 8	2°48	3°55	2°13	3°32	S 23
M24	0 9 56	0♎35'26	6♋26	22°17	1°23	18°46	29°32	10° 8	24°12	20°51	1° 7	2°R48	3°52	2°19	3°31	M24
T 25	0 13 53	1°34'15	19°47	22°R18	2°38	19°21	29°42	10° 8	24°15	20°50	1° 7	2°46	3°49	2°26	3°30	T 25
W26	0 17 49	2°33'07	2♌50	22°11	3°53	19°55	29°51	10° 8	24°19	20°49	1° 6	2°44	3°45	2°32	3°29	W26
T 27	0 21 46	3°32'01	15°37	21°57	5° 8	20°29	29°59	10° 7	24°23	20°48	1° 6	2°40	3°42	2°39	3°28	T 27
F 28	0 25 42	4°30'57	28°11	21°36	6°23	21° 3	0♌ 9	10° 7	24°27	20°47	1° 5	2°35	3°39	2°46	3°26	F 28
S 29	0 29 39	5°29'56	10♍33	21° 7	7°38	21°37	0°18	10° 6	24°30	20°46	1° 5	2°30	3°36	2°52	3°25	S 29
S 30	0 33 36	6♎28'56	22♍44	20♎31	8♎52	22♋10	0♌27	10♊ 5	24♍34	20♉45	1♊ 4	2♏26	3♏33	2♏59	3♊24	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n30	6n46	4s31	2s11	1s 5	11n44	1n20	23n38	0n16	21n13	0n10	20n 3	1s54	3n33	0n43	16n19	1s47	7n35	13s 5	12s47	13s13	11s51	17n20	3s37
S 2	8 8	2 46	3 54	2 50	1 13	11 17	1 21	23 37	0 17	21 11	0 11	20 3	1 54	3 31	0 43	16 19	1 47	7 35	13 6	12 43	13 12	11 52	17 20	3 37
M 3	7 46	1s17	3 7	3 28	1 22	10 51	1 21	23 37	0 18	21 9	0 11	20 3	1 54	3 30	0 43	16 19	1 47	7 35	13 6	12 41	13 11	11 54	17 19	3 38
T 4	7 24	5 13	2 12	4 6	1 31	10 24	1 22	23 36	0 19	21 7	0 11	20 3	1 54	3 28	0 43	16 19	1 47	7 34	13 6	12 39	13 10	11 55	17 19	3 38
W 5	7 2	8 55	1 11	4 43	1 40	9 57	1 23	23 35	0 20	21 5	0 11	20 3	1 54	3 27	0 43	16 19	1 47	7 34	13 6	12 38	13 9	11 57	17 19	3 38
T 6	6 40	12 14	0 8	5 19	1 49	9 29	1 23	23 34	0 21	21 3	0 11	20 4	1 54	3 25	0 43	16 19	1 47	7 34	13 7	12 37	13 8	11 58	17 19	3 39
F 7	6 18	15 2	0n55	5 54	1 57	9 1	1 24	23 32	0 22	21 1	0 11	20 4	1 55	3 24	0 43	16 18	1 47	7 34	13 7	12 38	13 7	12 0	17 18	3 39
S 8	5 55	17 14	1 57	6 28	2 6	8 33	1 24	23 31	0 23	20 59	0 11	20 4	1 55	3 22	0 43	16 18	1 47	7 33	13 7	12 38	13 6	12 1	17 18	3 39
S 9	5 33	18 41	2 54	7 1	2 14	8 5	1 24	23 29	0 25	20 57	0 11	20 4	1 55	3 21	0 43	16 18	1 47	7 33	13 7	12 38	13 5	12 3	17 18	3 40
M10	5 10	19 19	3 44	7 33	2 23	7 37	1 25	23 28	0 26	20 55	0 12	20 4	1 55	3 19	0 43	16 18	1 47	7 33	13 8	12 39	13 4	12 4	17 17	3 40
T 11	4 47	19 2	4 25	8 4	2 31	7 8	1 25	23 26	0 27	20 54	0 12	20 4	1 55	3 18	0 43	16 18	1 47	7 32	13 8	12 38	13 3	12 6	17 17	3 40
W12	4 24	17 46	4 54	8 34	2 39	6 39	1 25	23 24	0 28	20 52	0 12	20 4	1 55	3 16	0 43	16 18	1 47	7 32	13 8	12 37	13 2	12 7	17 17	3 41
T 13	4 1	15 33	5 9	9 3	2 47	6 10	1 25	23 22	0 29	20 50	0 12	20 4	1 55	3 15	0 43	16 17	1 47	7 32	13 8	12 36	13 1	12 9	17 16	3 41
F 14	3 38	12 24	5 7	9 30	2 54	5 41	1 25	23 19	0 30	20 48	0 12	20 4	1 56	3 13	0 43	16 17	1 47	7 32	13 8	12 34	13 0	12 10	17 16	3 41
S 15	3 15	8 27	4 46	9 55	3 2	5 12	1 25	23 17	0 31	20 46	0 12	20 4	1 56	3 12	0 43	16 17	1 47	7 31	13 9	12 31	12 58	12 12	17 15	3 42
S 16	2 52	3 54	4 7	10 19	3 9	4 42	1 25	23 14	0 32	20 44	0 12	20 4	1 56	3 10	0 43	16 17	1 48	7 31	13 9	12 29	12 57	12 13	17 15	3 42
M17	2 29	0n58	3 11	10 41	3 16	4 12	1 25	23 12	0 33	20 42	0 12	20 4	1 56	3 9	0 43	16 16	1 48	7 31	13 9	12 27	12 56	12 15	17 15	3 42
T 18	2 6	5 50	2 1	11 1	3 22	3 43	1 24	23 9	0 34	20 40	0 13	20 4	1 56	3 7	0 43	16 16	1 48	7 31	13 9	12 26	12 55	12 16	17 14	3 43
W19	1 43	10 20	0 42	11 19	3 27	3 13	1 24	23 6	0 35	20 38	0 13	20 4	1 56	3 6	0 43	16 16	1 48	7 30	13 10	12 26	12 54	12 18	17 14	3 43
T 20	1 19	14 10	0s39	11 35	3 33	2 43	1 24	23 3	0 37	20 36	0 13	20 4	1 56	3 4	0 43	16 16	1 48	7 30	13 10	12 26	12 53	12 19	17 13	3 43
F 21	0 56	17 1	1 56	11 48	3 37	2 12	1 23	22 59	0 38	20 34	0 13	20 4	1 57	3 3	0 43	16 15	1 48	7 30	13 10	12 26	12 52	12 21	17 13	3 44
S 22	0 33	18 44	3 5	11 59	3 41	1 42	1 23	22 56	0 39	20 32	0 13	20 3	1 57	3 1	0 43	16 15	1 48	7 29	13 10	12 27	12 51	12 22	17 12	3 44
S 23	0 9	19 15	4 0	12 6	3 44	1 12	1 22	22 53	0 40	20 30	0 13	20 3	1 57	3 0	0 43	16 15	1 48	7 29	13 10	12 27	12 50	12 23	17 12	3 44
M24	0s14	18 37	4 41	12 11	3 46	0 42	1 21	22 49	0 41	20 29	0 13	20 3	1 57	2 58	0 43	16 15	1 48	7 29	13 11	12 27	12 49	12 25	17 11	3 45
T 25	0 38	16 57	5 5	12 12	3 47	0 11	1 21	22 45	0 42	20 27	0 14	20 3	1 57	2 57	0 43	16 14	1 48	7 28	13 11	12 26	12 48	12 26	17 11	3 45
W26	1 1	14 27	5 13	12 9	3 47	0s19	1 20	22 42	0 44	20 25	0 14	20 3	1 57	2 55	0 43	16 14	1 48	7 28	13 11	12 25	12 47	12 28	17 10	3 46
T 27	1 24	11 18	5 5	12 3	3 46	0 50	1 19	22 38	0 45	20 23	0 14	20 3	1 57	2 54	0 43	16 14	1 48	7 28	13 11	12 24	12 46	12 29	17 10	3 46
F 28	1 48	7 41	4 43	11 52	3 43	1 20	1 18	22 34	0 46	20 21	0 14	20 2	1 58	2 52	0 43	16 13	1 48	7 28	13 12	12 23	12 44	12 31	17 9	3 46
S 29	2 11	3 48	4 7	11 37	3 39	1 51	1 17	22 30	0 47	20 20	0 14	20 2	1 58	2 51	0 43	16 13	1 48	7 27	13 12	12 21	12 43	12 32	17 9	3 47
S 30	2s35	0s11	3s21	11s18	3s33	2s21	1n16	22n25	0n48	20n18	0n14	20n 2	1s58	2n49	0n43	16n13	1s48	7n27	13s12	12s19	12s42	12s34	17n 8	3s47

Julian Day Number = 2409054.5, Delta T = -4.32 sec
Ecliptic obliquity = 23°27'09, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°06'56, Lahiri = 22°13'57

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ASTRODIENST EPHEMERIS for the year 1883
geocentric

OCTOBER 1883 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 37 32	7♎27'58	4♎46	19°R47	10♎ 7	22♋44	0♌35	10°R 4	24♍38	20°R44	1°R 4	2°R22	3♏30	3♏ 6	3°R22	M 1
T 2	0 41 29	8°27'03	16°41	18♎56	11°22	23°17	0°44	10♊ 3	24°41	20♉43	1♊ 3	2♏20	3°26	3°12	3♊21	T 2
W 3	0 45 25	9°26'10	28°30	17°59	12°37	23°50	0°52	10° 2	24°45	20°42	1° 2	2°D19	3°23	3°19	3°19	W 3
T 4	0 49 22	10°25'18	10♏17	16°56	13°52	24°23	1° 0	10° 1	24°49	20°41	1° 2	2°19	3°20	3°26	3°18	T 4
F 5	0 53 18	11°24'29	22° 3	15°49	15° 7	24°56	1° 8	10° 0	24°53	20°39	1° 1	2°21	3°17	3°32	3°16	F 5
S 6	0 57 15	12°23'41	3♐53	14°40	16°22	25°29	1°16	9°58	24°56	20°38	1° 0	2°22	3°14	3°39	3°14	S 6
S 7	1 1 11	13°22'56	15°50	13°29	17°37	26° 1	1°24	9°57	25° 0	20°37	1° 0	2°24	3°11	3°46	3°13	S 7
M 8	1 5 8	14°22'12	27°57	12°19	18°52	26°33	1°32	9°55	25° 4	20°36	0°59	2°25	3° 7	3°52	3°11	M 8
T 9	1 9 4	15°21'30	10♑21	11°12	20° 7	27° 5	1°40	9°53	25° 7	20°34	0°58	2°R26	3° 4	3°59	3° 9	T 9
W10	1 13 1	16°20'49	23° 5	10°10	21°22	27°37	1°47	9°52	25°11	20°33	0°57	2°26	3° 1	4° 5	3° 7	W10
T 11	1 16 58	17°20'11	6♒13	9°15	22°37	28° 9	1°54	9°50	25°14	20°32	0°57	2°25	2°58	4°12	3° 5	T 11
F 12	1 20 54	18°19'34	19°48	8°27	23°52	28°40	2° 2	9°48	25°18	20°30	0°56	2°23	2°55	4°19	3° 3	F 12
S 13	1 24 51	19°18'59	3♓51	7°49	25° 7	29°12	2° 9	9°45	25°21	20°29	0°55	2°22	2°51	4°25	3° 1	S 13
S 14	1 28 47	20°18'25	18°20	7°22	26°22	29°43	2°16	9°43	25°25	20°27	0°54	2°20	2°48	4°32	2°59	S 14
M15	1 32 44	21°17'54	3♈11	7° 5	27°37	0♌14	2°22	9°41	25°29	20°26	0°53	2°19	2°45	4°39	2°57	M15
T 16	1 36 40	22°17'24	18°17	6°D59	28°52	0°44	2°29	9°38	25°32	20°25	0°53	2°18	2°42	4°45	2°54	T 16
W17	1 40 37	23°16'57	3♉30	7° 5	0♏ 7	1°15	2°35	9°36	25°35	20°23	0°52	2°D18	2°39	4°52	2°52	W17
T 18	1 44 33	24°16'31	18°39	7°21	1°21	1°45	2°42	9°33	25°39	20°22	0°51	2°18	2°36	4°59	2°50	T 18
F 19	1 48 30	25°16'08	3♊35	7°47	2°36	2°15	2°48	9°31	25°42	20°20	0°50	2°19	2°32	5° 5	2°47	F 19
S 20	1 52 27	26°15'47	18°12	8°23	3°51	2°45	2°54	9°28	25°46	20°19	0°49	2°19	2°29	5°12	2°45	S 20
S 21	1 56 23	27°15'29	2♋26	9° 8	5° 7	3°14	3° 0	9°25	25°49	20°17	0°48	2°20	2°26	5°19	2°42	S 21
M22	2 0 20	28°15'12	16°13	10° 0	6°22	3°44	3° 5	9°22	25°53	20°16	0°47	2°20	2°23	5°25	2°40	M22
T 23	2 4 16	29°14'58	29°36	11° 0	7°37	4°13	3°11	9°19	25°56	20°14	0°46	2°R20	2°20	5°32	2°37	T 23
W24	2 8 13	0♏14'46	12♌35	12° 6	8°52	4°42	3°16	9°16	25°59	20°13	0°45	2°20	2°17	5°38	2°34	W24
T 25	2 12 9	1°14'36	25°15	13°17	10° 7	5°10	3°21	9°12	26° 2	20°11	0°44	2°20	2°13	5°45	2°32	T 25
F 26	2 16 6	2°14'29	7♍37	14°33	11°22	5°39	3°26	9° 9	26° 6	20° 9	0°44	2°D20	2°10	5°52	2°29	F 26
S 27	2 20 2	3°14'24	19°47	15°54	12°37	6° 7	3°31	9° 6	26° 9	20° 8	0°43	2°20	2° 7	5°58	2°26	S 27
S 28	2 23 59	4°14'20	1♎47	17°17	13°52	6°35	3°36	9° 2	26°12	20° 6	0°42	2°20	2° 4	6° 5	2°23	S 28
M29	2 27 56	5°14'19	13°40	18°44	15° 7	7° 2	3°40	8°58	26°15	20° 5	0°41	2°21	2° 1	6°12	2°21	M29
T 30	2 31 52	6°14'20	25°29	20°13	16°22	7°30	3°45	8°55	26°18	20° 3	0°40	2°21	1°57	6°18	2°18	T 30
W31	2 35 49	7♏14'23	7♏16	21♎44	17♏37	7♌57	3♌49	8♊51	26♍21	20♉ 1	0♊39	2°R21	1♏54	6♏25	2♊15	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	2s58	4s 8	2s26	10s54	3s25	2s51	1n15	22n21	0n50	20n16	0n14	20n 2	1s58	2n48	0n43	16n12	1s48	7n27	13s12	12s18	12s41	12s35	17n 7	3s47
T 2	3 21	7 52	1 25	10 26	3 15	3 22	1 14	22 17	0 51	20 14	0 14	20 1	1 58	2 46	0 43	16 12	1 48	7 26	13 12	12 17	12 40	12 37	17 7	3 47
W 3	3 44	11 17	0 21	9 53	3 4	3 52	1 13	22 12	0 52	20 13	0 15	20 1	1 58	2 45	0 43	16 12	1 48	7 26	13 12	12 17	12 39	12 38	17 6	3 48
T 4	4 8	14 13	0n44	9 17	2 50	4 22	1 12	22 8	0 53	20 11	0 15	20 1	1 58	2 43	0 43	16 11	1 48	7 26	13 13	12 17	12 38	12 39	17 6	3 48
F 5	4 31	16 34	1 47	8 37	2 35	4 52	1 10	22 3	0 55	20 10	0 15	20 0	1 58	2 42	0 43	16 11	1 48	7 25	13 13	12 18	12 37	12 41	17 5	3 48
S 6	4 54	18 13	2 46	7 54	2 18	5 22	1 9	21 58	0 56	20 8	0 15	20 0	1 59	2 41	0 43	16 11	1 48	7 25	13 13	12 18	12 36	12 42	17 4	3 49
S 7	5 17	19 5	3 38	7 10	2 0	5 52	1 8	21 54	0 57	20 6	0 15	20 0	1 59	2 39	0 43	16 10	1 48	7 25	13 13	12 19	12 35	12 44	17 4	3 49
M 8	5 40	19 5	4 22	6 25	1 41	6 22	1 6	21 49	0 58	20 5	0 15	19 59	1 59	2 38	0 43	16 10	1 48	7 25	13 13	12 19	12 34	12 45	17 3	3 49
T 9	6 3	18 10	4 54	5 40	1 20	6 52	1 5	21 44	1 0	20 3	0 16	19 59	1 59	2 36	0 43	16 10	1 49	7 24	13 14	12 19	12 33	12 47	17 2	3 50
W10	6 26	16 20	5 13	4 57	1 0	7 22	1 3	21 39	1 1	20 2	0 16	19 59	1 59	2 35	0 43	16 9	1 49	7 24	13 14	12 19	12 31	12 48	17 2	3 50
T 11	6 49	13 37	5 16	4 16	0 39	7 51	1 2	21 34	1 2	20 0	0 16	19 58	1 59	2 33	0 43	16 9	1 49	7 24	13 14	12 19	12 30	12 49	17 1	3 50
F 12	7 11	10 6	5 3	3 39	0 19	8 20	1 0	21 29	1 4	19 59	0 16	19 58	1 59	2 32	0 43	16 8	1 49	7 23	13 14	12 19	12 29	12 51	17 0	3 51
S 13	7 34	5 54	4 31	3 6	0n 0	8 49	0 58	21 23	1 5	19 57	0 16	19 57	1 59	2 31	0 43	16 8	1 49	7 23	13 14	12 18	12 28	12 52	17 0	3 51
S 14	7 56	1 14	3 41	2 38	0 19	9 18	0 57	21 18	1 6	19 56	0 16	19 57	2 0	2 29	0 43	16 8	1 49	7 23	13 14	12 17	12 27	12 54	16 59	3 51
M15	8 19	3n38	2 35	2 16	0 36	9 47	0 55	21 13	1 8	19 55	0 16	19 57	2 0	2 28	0 43	16 7	1 49	7 22	13 15	12 17	12 26	12 55	16 58	3 51
T 16	8 41	8 22	1 17	1 59	0 52	10 15	0 53	21 8	1 9	19 53	0 17	19 56	2 0	2 26	0 43	16 7	1 49	7 22	13 15	12 17	12 25	12 56	16 58	3 52
W17	9 3	12 35	0s 7	1 48	1 6	10 43	0 51	21 2	1 11	19 52	0 17	19 56	2 0	2 25	0 43	16 6	1 49	7 22	13 15	12 17	12 24	12 58	16 57	3 52
T 18	9 25	15 57	1 30	1 43	1 19	11 11	0 49	20 57	1 12	19 51	0 17	19 55	2 0	2 24	0 43	16 6	1 49	7 21	13 15	12 17	12 23	12 59	16 56	3 52
F 19	9 47	18 10	2 45	1 43	1 30	11 39	0 47	20 52	1 13	19 49	0 17	19 55	2 0	2 22	0 43	16 6	1 49	7 21	13 15	12 17	12 22	13 1	16 55	3 53
S 20	10 9	19 8	3 49	1 48	1 39	12 6	0 45	20 46	1 15	19 48	0 17	19 54	2 0	2 21	0 44	16 5	1 49	7 21	13 15	12 17	12 21	13 2	16 55	3 53
S 21	10 30	18 50	4 36	1 58	1 47	12 33	0 43	20 41	1 16	19 47	0 17	19 54	2 0	2 20	0 44	16 5	1 49	7 21	13 15	12 17	12 19	13 3	16 54	3 53
M22	10 52	17 24	5 6	2 13	1 54	13 0	0 41	20 35	1 18	19 46	0 18	19 53	2 0	2 18	0 44	16 4	1 49	7 20	13 15	12 17	12 18	13 5	16 53	3 53
T 23	11 13	15 4	5 18	2 32	1 59	13 27	0 39	20 30	1 19	19 45	0 18	19 53	2 0	2 17	0 44	16 4	1 49	7 20	13 16	12 17	12 17	13 6	16 52	3 54
W24	11 34	12 2	5 13	2 54	2 3	13 53	0 37	20 24	1 21	19 44	0 18	19 52	2 0	2 16	0 44	16 3	1 49	7 20	13 16	12 17	12 16	13 7	16 52	3 54
T 25	11 55	8 30	4 53	3 20	2 5	14 19	0 35	20 19	1 22	19 43	0 18	19 51	2 1	2 15	0 44	16 3	1 49	7 19	13 16	12 17	12 15	13 9	16 51	3 54
F 26	12 16	4 41	4 20	3 48	2 7	14 44	0 32	20 13	1 24	19 42	0 18	19 51	2 1	2 13	0 44	16 3	1 49	7 19	13 16	12 17	12 14	13 10	16 50	3 54
S 27	12 36	0 45	3 36	4 18	2 7	15 9	0 30	20 8	1 25	19 41	0 18	19 50	2 1	2 12	0 44	16 2	1 49	7 19	13 16	12 17	12 13	13 12	16 49	3 55
S 28	12 56	3s11	2 42	4 51	2 6	15 34	0 28	20 2	1 27	19 40	0 19	19 50	2 1	2 11	0 44	16 2	1 49	7 19	13 16	12 17	12 12	13 13	16 49	3 55
M29	13 17	6 58	1 42	5 25	2 5	15 58	0 26	19 57	1 28	19 39	0 19	19 49	2 1	2 9	0 44	16 1	1 49	7 18	13 16	12 18	12 11	13 14	16 48	3 55
T 30	13 36	10 27	0 38	6 0	2 3	16 22	0 23	19 51	1 30	19 38	0 19	19 48	2 1	2 8	0 44	16 1	1 49	7 18	13 16	12 18	12 10	13 16	16 47	3 55
W31	13s56	13s31	0n27	6s37	2n 0	16s46	0n21	19n46	1n31	19n37	0n19	19n48	2s 1	2n 7	0n44	16n 0	1s49	7n18	13s16	12s18	12s 9	13s17	16n46	3s56

Julian Day Number = 2409084.5, Delta T = -4.33 sec
Ecliptic obliquity = 23°27'09, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°07'01, Lahiri = 22°14'01

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ASTRODIENST EPHEMERIS for the year 1883
geocentric

NOVEMBER 1883 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 39 45	8♏14'27	19♏ 3	23♎16	18♏52	8♌24	3♌53	8°R47	26♍25	20°R 0	0°R37	2°R20	1♏51	6♏32	2°R12	T 1
F 2	2 43 42	9°14'34	0♐53	24°50	20° 7	8°50	3°57	8♊43	26°28	19♉58	0♊36	2♏20	1°48	6°38	2♊ 9	F 2
S 3	2 47 38	10°14'42	12°48	26°25	21°22	9°16	4° 0	8°39	26°31	19°56	0°35	2°19	1°45	6°45	2° 6	S 3
S 4	2 51 35	11°14'52	24°51	28° 1	22°37	9°42	4° 4	8°35	26°34	19°55	0°34	2°18	1°42	6°52	2° 3	S 4
M 5	2 55 31	12°15'04	7♑ 3	29°37	23°52	10° 8	4° 7	8°31	26°37	19°53	0°33	2°16	1°38	6°58	2° 0	M 5
T 6	2 59 28	13°15'17	19°29	1♏13	25° 7	10°33	4°10	8°27	26°39	19°51	0°32	2°15	1°35	7° 5	1°56	T 6
W 7	3 3 25	14°15'32	2♒11	2°50	26°22	10°58	4°13	8°23	26°42	19°50	0°31	2°14	1°32	7°11	1°53	W 7
T 8	3 7 21	15°15'48	15°14	4°27	27°37	11°23	4°15	8°19	26°45	19°48	0°30	2°D14	1°29	7°18	1°50	T 8
F 9	3 11 18	16°16'05	28°38	6° 5	28°52	11°47	4°18	8°14	26°48	19°46	0°29	2°14	1°26	7°25	1°47	F 9
S 10	3 15 14	17°16'24	12♓28	7°42	0♐ 8	12°11	4°20	8°10	26°51	19°45	0°28	2°15	1°22	7°31	1°44	S 10
S 11	3 19 11	18°16'45	26°43	9°19	1°23	12°34	4°22	8° 5	26°53	19°43	0°27	2°16	1°19	7°38	1°40	S 11
M12	3 23 7	19°17'07	11♈21	10°56	2°38	12°58	4°24	8° 1	26°56	19°41	0°26	2°17	1°16	7°45	1°37	M12
T 13	3 27 4	20°17'30	26°18	12°33	3°53	13°21	4°26	7°56	26°59	19°39	0°25	2°R18	1°13	7°51	1°34	T 13
W14	3 31 0	21°17'55	11♉27	14°10	5° 8	13°43	4°28	7°52	27° 1	19°38	0°23	2°18	1°10	7°58	1°30	W14
T 15	3 34 57	22°18'21	26°40	15°46	6°23	14° 5	4°29	7°47	27° 4	19°36	0°22	2°17	1° 7	8° 5	1°27	T 15
F 16	3 38 54	23°18'49	11♊46	17°23	7°38	14°27	4°30	7°43	27° 6	19°34	0°21	2°15	1° 3	8°11	1°24	F 16
S 17	3 42 50	24°19'19	26°36	18°59	8°53	14°49	4°31	7°38	27° 9	19°33	0°20	2°12	1° 0	8°18	1°20	S 17
S 18	3 46 47	25°19'50	11♋ 3	20°35	10° 8	15°10	4°32	7°33	27°11	19°31	0°19	2° 9	0°57	8°25	1°17	S 18
M19	3 50 43	26°20'24	25° 3	22°11	11°23	15°30	4°32	7°28	27°14	19°29	0°18	2° 5	0°54	8°31	1°14	M19
T 20	3 54 40	27°20'59	8♌35	23°46	12°38	15°50	4°33	7°24	27°16	19°28	0°17	2° 3	0°51	8°38	1°10	T 20
W21	3 58 36	28°21'35	21°39	25°22	13°53	16°10	4°R33	7°19	27°18	19°26	0°16	2° 2	0°48	8°45	1° 7	W21
T 22	4 2 33	29°22'14	4♍19	26°57	15° 8	16°29	4°33	7°14	27°21	19°24	0°14	2°D 2	0°44	8°51	1° 4	T 22
F 23	4 6 29	0♐22'54	16°39	28°32	16°23	16°48	4°33	7° 9	27°23	19°23	0°13	2° 3	0°41	8°58	1° 0	F 23
S 24	4 10 26	1°23'35	28°43	0♐ 7	17°38	17° 7	4°32	7° 4	27°25	19°21	0°12	2° 4	0°38	9° 4	0°57	S 24
S 25	4 14 23	2°24'18	10♎37	1°41	18°53	17°25	4°32	6°59	27°27	19°19	0°11	2° 6	0°35	9°11	0°53	S 25
M26	4 18 19	3°25'03	22°26	3°16	20° 8	17°42	4°31	6°54	27°29	19°18	0°10	2° 8	0°32	9°18	0°50	M26
T 27	4 22 16	4°25'49	4♏12	4°50	21°23	17°59	4°30	6°49	27°31	19°16	0° 9	2°R 8	0°28	9°24	0°47	T 27
W28	4 26 12	5°26'37	15°59	6°25	22°38	18°16	4°29	6°45	27°33	19°15	0° 8	2° 7	0°25	9°31	0°43	W28
T 29	4 30 9	6°27'26	27°51	7°59	23°53	18°32	4°27	6°40	27°35	19°13	0° 7	2° 4	0°22	9°38	0°40	T 29
F 30	4 34 5	7♐28'17	9♐48	9♐33	25♐ 8	18♌47	4♌26	6♊35	27♍37	19♉11	0♊ 5	2♏ 0	0♏19	9♏44	0♊36	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	14s16	16s 1	1n32	7s14	1n57	17s 9	0n19	19n40	1n33	19n36	0n19	19n47	2s 1	2n 6	0n44	16n 0	1s49	7n17	13s16	12s18	12s 7	13s18	16n45	3s56	T 1
F 2	14 35	17 52	2 32	7 52	1 53	17 31	0 16	19 35	1 35	19 36	0 19	19 47	2 1	2 5	0 44	15 59	1 49	7 17	13 17	12 17	12 6	13 20	16 45	3 56	F 2
S 3	14 54	18 56	3 27	8 30	1 49	17 53	0 14	19 29	1 36	19 35	0 20	19 46	2 1	2 4	0 44	15 59	1 49	7 17	13 17	12 17	12 5	13 21	16 44	3 56	S 3
S 4	15 13	19 9	4 12	9 9	1 44	18 15	0 11	19 24	1 38	19 34	0 20	19 45	2 1	2 2	0 44	15 59	1 49	7 17	13 17	12 17	12 4	13 22	16 43	3 56	S 4
M 5	15 31	18 29	4 47	9 48	1 39	18 36	0 9	19 19	1 39	19 34	0 20	19 45	2 1	2 1	0 44	15 58	1 49	7 16	13 17	12 16	12 3	13 24	16 42	3 57	M 5
T 6	15 50	16 56	5 10	10 27	1 34	18 57	0 7	19 13	1 41	19 33	0 20	19 44	2 1	2 0	0 44	15 58	1 49	7 16	13 17	12 16	12 2	13 25	16 41	3 57	T 6
W 7	16 8	14 32	5 17	11 5	1 28	19 17	0 4	19 8	1 43	19 33	0 20	19 43	2 1	1 59	0 44	15 57	1 49	7 16	13 17	12 15	12 1	13 26	16 41	3 57	W 7
T 8	16 25	11 21	5 9	11 44	1 22	19 37	0 2	19 3	1 45	19 32	0 20	19 42	2 1	1 58	0 44	15 57	1 49	7 16	13 17	12 15	12 0	13 28	16 40	3 57	T 8
F 9	16 43	7 30	4 44	12 22	1 16	19 56	0s 1	18 58	1 46	19 32	0 21	19 42	2 1	1 57	0 44	15 56	1 49	7 15	13 17	12 15	11 59	13 29	16 39	3 57	F 9
S 10	17 0	3 9	4 3	12 59	1 10	20 15	0 3	18 53	1 48	19 31	0 21	19 41	2 1	1 56	0 44	15 56	1 49	7 15	13 17	12 16	11 58	13 30	16 38	3 58	S 10
S 11	17 17	1n31	3 5	13 36	1 3	20 33	0 6	18 48	1 50	19 31	0 21	19 40	2 1	1 55	0 44	15 55	1 49	7 15	13 17	12 16	11 56	13 32	16 37	3 58	S 11
M12	17 33	6 14	1 54	14 13	0 57	20 50	0 8	18 43	1 52	19 31	0 21	19 40	2 1	1 54	0 44	15 55	1 49	7 15	13 17	12 17	11 55	13 33	16 37	3 58	M12
T 13	17 50	10 40	0 33	14 49	0 50	21 7	0 11	18 38	1 53	19 31	0 21	19 39	2 1	1 53	0 44	15 54	1 49	7 14	13 17	12 17	11 54	13 34	16 36	3 58	T 13
W14	18 6	14 29	0s50	15 25	0 43	21 23	0 13	18 33	1 55	19 30	0 22	19 38	2 1	1 52	0 44	15 54	1 49	7 14	13 17	12 17	11 53	13 36	16 35	3 58	W14
T 15	18 21	17 18	2 11	15 59	0 36	21 39	0 16	18 28	1 57	19 30	0 22	19 37	2 1	1 51	0 44	15 54	1 49	7 14	13 17	12 16	11 52	13 37	16 34	3 58	T 15
F 16	18 37	18 53	3 21	16 33	0 30	21 54	0 18	18 24	1 59	19 30	0 22	19 37	2 1	1 50	0 44	15 53	1 49	7 14	13 17	12 16	11 51	13 38	16 33	3 59	F 16
S 17	18 52	19 8	4 17	17 6	0 23	22 8	0 21	18 19	2 1	19 30	0 22	19 36	2 1	1 49	0 44	15 53	1 49	7 14	13 17	12 15	11 50	13 40	16 33	3 59	S 17
S 18	19 6	18 6	4 54	17 39	0 16	22 22	0 23	18 15	2 3	19 30	0 22	19 35	2 1	1 48	0 44	15 52	1 49	7 13	13 17	12 13	11 49	13 41	16 32	3 59	S 18
M19	19 21	16 0	5 13	18 10	0 9	22 35	0 26	18 11	2 4	19 30	0 22	19 35	2 1	1 47	0 44	15 52	1 49	7 13	13 17	12 12	11 48	13 42	16 31	3 59	M19
T 20	19 35	13 5	5 13	18 41	0 2	22 47	0 28	18 6	2 6	19 30	0 23	19 34	2 1	1 46	0 44	15 51	1 49	7 13	13 17	12 12	11 46	13 43	16 30	3 59	T 20
W21	19 48	9 36	4 57	19 11	0s 4	22 59	0 30	18 2	2 8	19 30	0 23	19 33	2 1	1 45	0 44	15 51	1 49	7 13	13 17	12 11	11 45	13 45	16 29	3 59	W21
T 22	20 2	5 47	4 27	19 40	0 11	23 10	0 33	17 58	2 10	19 30	0 23	19 32	2 1	1 44	0 44	15 50	1 49	7 13	13 17	12 11	11 44	13 46	16 29	3 59	T 22
F 23	20 15	1 49	3 45	20 8	0 18	23 20	0 35	17 54	2 12	19 31	0 23	19 32	2 1	1 43	0 44	15 50	1 49	7 12	13 17	12 11	11 43	13 47	16 28	3 59	F 23
S 24	20 27	2s 9	2 53	20 35	0 24	23 30	0 38	17 51	2 14	19 31	0 23	19 31	2 1	1 43	0 44	15 50	1 49	7 12	13 17	12 12	11 42	13 49	16 27	4 0	S 24
S 25	20 39	5 59	1 55	21 1	0 31	23 39	0 40	17 47	2 16	19 31	0 24	19 30	2 1	1 42	0 45	15 49	1 49	7 12	13 17	12 13	11 41	13 50	16 26	4 0	S 25
M26	20 51	9 33	0 53	21 26	0 37	23 47	0 42	17 44	2 18	19 32	0 24	19 29	2 1	1 41	0 45	15 49	1 49	7 12	13 17	12 13	11 40	13 51	16 25	4 0	M26
T 27	21 2	12 45	0n11	21 50	0 43	23 55	0 45	17 40	2 20	19 32	0 24	19 29	2 1	1 40	0 45	15 48	1 49	7 12	13 17	12 13	11 39	13 52	16 25	4 0	T 27
W28	21 13	15 26	1 15	22 12	0 50	24 2	0 47	17 37	2 22	19 33	0 24	19 28	2 1	1 39	0 45	15 48	1 49	7 11	13 17	12 13	11 38	13 54	16 24	4 0	W28
T 29	21 24	17 29	2 16	22 34	0 56	24 8	0 49	17 34	2 25	19 33	0 24	19 27	2 1	1 39	0 45	15 47	1 49	7 11	13 17	12 12	11 36	13 55	16 23	4 0	T 29
F 30	21s34	18s47	3n11	22s55	1s 2	24s13	0s51	17n31	2n27	19n34	0n25	19n26	2s 1	1n38	0n45	15n47	1s49	7n11	13s17	12s10	11s35	13s56	16n22	4s 0	F 30

Julian Day Number = 2409115.5, Delta T = -4.34 sec
Ecliptic obliquity = 23°27'08, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°07'05, Lahiri = 22°14'05

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ASTRODIENST EPHEMERIS for the year 1883
geocentric

DECEMBER 1883 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 38 2	8♐29'08	21♐54	11♐ 7	26♐23	19♌ 2	4°R24	6°R30	27♍39	19°R10	0°R 4	1°R54	0♏16	9♏51	0°R33	S 1
S 2	4 41 58	9°30'01	4♑ 9	12°41	27°39	19°17	4♌22	6♊25	27°41	19♉ 8	0♊ 3	1♏46	0°13	9°58	0♊30	S 2
M 3	4 45 55	10°30'55	16°34	14°15	28°54	19°31	4°20	6°20	27°42	19° 7	0° 2	1°39	0° 9	10° 4	0°26	M 3
T 4	4 49 52	11°31'49	29°10	15°49	0♑ 9	19°44	4°17	6°15	27°44	19° 5	0° 1	1°32	0° 6	10°11	0°23	T 4
W 5	4 53 48	12°32'45	12♒ 0	17°23	1°24	19°57	4°15	6°10	27°46	19° 4	29♉59	1°27	0° 3	10°18	0°20	W 5
T 6	4 57 45	13°33'41	25° 5	18°57	2°39	20° 9	4°12	6° 5	27°47	19° 2	29°59	1°23	29♎59	10°24	0°16	T 6
F 7	5 1 41	14°34'37	8♓25	20°31	3°54	20°20	4° 9	6° 0	27°49	19° 1	29°58	1°22	29°57	10°31	0°13	F 7
S 8	5 5 38	15°35'35	22° 4	22° 5	5° 9	20°31	4° 6	5°56	27°50	18°59	29°57	1°D22	29°54	10°38	0°10	S 8
S 9	5 9 34	16°36'33	6♈ 3	23°39	6°24	20°42	4° 2	5°51	27°51	18°58	29°56	1°23	29°50	10°44	0° 7	S 9
M10	5 13 31	17°37'32	20°21	25°13	7°39	20°52	3°59	5°46	27°53	18°56	29°54	1°24	29°47	10°51	0° 3	M10
T 11	5 17 27	18°38'31	4♉57	26°47	8°53	21° 1	3°55	5°41	27°54	18°55	29°53	1°R24	29°44	10°57	0° 0	T 11
W12	5 21 24	19°39'31	19°47	28°21	10° 8	21° 9	3°51	5°37	27°55	18°53	29°52	1°23	29°41	11° 4	29♉57	W12
T 13	5 25 21	20°40'31	4♊44	29°56	11°23	21°17	3°47	5°32	27°57	18°52	29°51	1°19	29°38	11°11	29°54	T 13
F 14	5 29 17	21°41'33	19°41	1♑30	12°38	21°24	3°43	5°27	27°58	18°51	29°50	1°13	29°34	11°17	29°51	F 14
S 15	5 33 14	22°42'34	4♋29	3° 4	13°53	21°31	3°38	5°23	27°59	18°49	29°49	1° 5	29°31	11°24	29°48	S 15
S 16	5 37 10	23°43'37	18°59	4°38	15° 8	21°36	3°34	5°18	28° 0	18°48	29°48	0°56	29°28	11°31	29°45	S 16
M17	5 41 7	24°44'41	3♌ 5	6°12	16°23	21°41	3°29	5°14	28° 1	18°47	29°47	0°48	29°25	11°37	29°42	M17
T 18	5 45 3	25°45'45	16°44	7°46	17°38	21°46	3°24	5° 9	28° 2	18°45	29°46	0°40	29°22	11°44	29°39	T 18
W19	5 49 0	26°46'50	29°54	9°20	18°53	21°49	3°19	5° 5	28° 3	18°44	29°45	0°34	29°19	11°51	29°36	W19
T 20	5 52 56	27°47'55	12♍39	10°54	20° 8	21°52	3°14	5° 0	28° 3	18°43	29°44	0°31	29°15	11°57	29°33	T 20
F 21	5 56 53	28°49'02	25° 2	12°28	21°23	21°54	3° 8	4°56	28° 4	18°42	29°43	0°D29	29°12	12° 4	29°30	F 21
S 22	6 0 50	29°50'09	7♎ 7	14° 1	22°37	21°56	3° 3	4°52	28° 5	18°40	29°42	0°29	29° 9	12°11	29°27	S 22
S 23	6 4 46	0♑51'17	19° 1	15°34	23°52	21°R56	2°57	4°48	28° 6	18°39	29°41	0°30	29° 6	12°17	29°25	S 23
M24	6 8 43	1°52'25	0♏48	17° 6	25° 7	21°56	2°51	4°44	28° 6	18°38	29°40	0°R31	29° 3	12°24	29°22	M24
T 25	6 12 39	2°53'35	12°35	18°38	26°22	21°55	2°45	4°40	28° 7	18°37	29°39	0°30	29° 0	12°31	29°19	T 25
W26	6 16 36	3°54'44	24°24	20° 8	27°37	21°54	2°39	4°36	28° 7	18°36	29°38	0°27	28°56	12°37	29°16	W26
T 27	6 20 32	4°55'54	6♐21	21°38	28°51	21°51	2°32	4°32	28° 8	18°35	29°38	0°21	28°53	12°44	29°14	T 27
F 28	6 24 29	5°57'05	18°28	23° 6	0♒ 6	21°48	2°26	4°28	28° 8	18°34	29°37	0°13	28°50	12°51	29°11	F 28
S 29	6 28 25	6°58'16	0♑46	24°33	1°21	21°43	2°19	4°24	28° 8	18°33	29°36	0° 2	28°47	12°57	29° 9	S 29
S 30	6 32 22	7°59'27	13°17	25°58	2°36	21°38	2°13	4°20	28° 9	18°32	29°35	29♎49	28°44	13° 4	29° 6	S 30
M31	6 36 19	9♑ 0'38	26♑ 1	27♑20	3♒51	21♌33	2♌ 6	4♊17	28♍ 9	18♉31	29♉34	29♎36	28♎40	13♏10	29♉ 4	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21s44	19s14	3n58	23s14	1s 7	24s18	0s54	17n29	2n29	19n34	0n25	19n26	2s 1	1n37	0n45	15n47	1s49	7n11	13s17	12s 8	11s34	13s58	16n22	4s 0	S 1
S 2	21 53	18 48	4 35	23 32	1 13	24 22	0 56	17 26	2 31	19 35	0 25	19 25	2 0	1 37	0 45	15 46	1 49	7 11	13 16	12 6	11 33	13 59	16 21	4 0	S 2
M 3	22 2	17 28	5 0	23 49	1 18	24 25	0 58	17 24	2 33	19 36	0 25	19 24	2 0	1 36	0 45	15 46	1 49	7 11	13 16	12 3	11 32	14 0	16 20	4 0	M 3
T 4	22 11	15 17	5 10	24 5	1 24	24 27	1 0	17 22	2 35	19 36	0 25	19 23	2 0	1 35	0 45	15 45	1 49	7 11	13 16	12 1	11 31	14 1	16 19	4 0	T 4
W 5	22 19	12 19	5 5	24 20	1 29	24 29	1 2	17 20	2 38	19 37	0 26	19 23	2 0	1 35	0 45	15 45	1 49	7 10	13 16	11 59	11 30	14 3	16 19	4 0	W 5
T 6	22 26	8 42	4 44	24 33	1 34	24 30	1 4	17 18	2 40	19 38	0 26	19 22	2 0	1 34	0 45	15 45	1 49	7 10	13 16	11 58	11 29	14 4	16 18	4 0	T 6
F 7	22 34	4 35	4 8	24 45	1 38	24 30	1 6	17 16	2 42	19 39	0 26	19 21	2 0	1 34	0 45	15 44	1 49	7 10	13 16	11 57	11 28	14 5	16 17	4 0	F 7
S 8	22 40	0 8	3 17	24 56	1 43	24 29	1 8	17 15	2 44	19 40	0 26	19 20	2 0	1 33	0 45	15 44	1 49	7 10	13 16	11 57	11 26	14 6	16 17	4 0	S 8
S 9	22 47	4n26	2 13	25 5	1 47	24 28	1 10	17 14	2 47	19 41	0 26	19 20	2 0	1 32	0 45	15 44	1 49	7 10	13 16	11 58	11 25	14 8	16 16	4 0	S 9
M10	22 53	8 52	1 0	25 13	1 51	24 26	1 12	17 13	2 49	19 42	0 27	19 19	2 0	1 32	0 45	15 43	1 49	7 10	13 16	11 58	11 24	14 9	16 15	4 0	M10
T 11	22 58	12 53	0s19	25 19	1 55	24 23	1 14	17 12	2 51	19 43	0 27	19 18	1 59	1 31	0 45	15 43	1 49	7 10	13 16	11 58	11 23	14 10	16 15	4 0	T 11
W12	23 3	16 7	1 38	25 25	1 58	24 19	1 16	17 12	2 54	19 44	0 27	19 18	1 59	1 31	0 45	15 43	1 49	7 10	13 15	11 58	11 22	14 11	16 14	4 0	W12
T 13	23 7	18 19	2 50	25 28	2 1	24 15	1 17	17 11	2 56	19 45	0 27	19 17	1 59	1 31	0 45	15 42	1 48	7 10	13 15	11 56	11 21	14 13	16 13	4 0	T 13
F 14	23 11	19 13	3 50	25 31	2 4	24 10	1 19	17 11	2 58	19 46	0 27	19 16	1 59	1 30	0 45	15 42	1 48	7 10	13 15	11 54	11 20	14 14	16 13	4 0	F 14
S 15	23 15	18 48	4 35	25 31	2 7	24 4	1 21	17 12	3 1	19 48	0 27	19 16	1 59	1 30	0 45	15 42	1 48	7 9	13 15	11 51	11 19	14 15	16 12	4 0	S 15
S 16	23 18	17 9	5 0	25 31	2 9	23 57	1 22	17 12	3 3	19 49	0 28	19 15	1 59	1 29	0 45	15 41	1 48	7 9	13 15	11 48	11 17	14 16	16 11	4 0	S 16
M17	23 21	14 30	5 6	25 29	2 10	23 50	1 24	17 13	3 6	19 50	0 28	19 14	1 59	1 29	0 45	15 41	1 48	7 9	13 15	11 45	11 16	14 17	16 11	4 0	M17
T 18	23 23	11 9	4 55	25 25	2 12	23 42	1 25	17 13	3 8	19 52	0 28	19 14	1 58	1 29	0 45	15 41	1 48	7 9	13 15	11 43	11 15	14 19	16 10	4 0	T 18
W19	23 25	7 20	4 28	25 20	2 13	23 33	1 27	17 15	3 11	19 53	0 28	19 13	1 58	1 28	0 45	15 40	1 48	7 9	13 14	11 41	11 14	14 20	16 10	4 0	W19
T 20	23 26	3 18	3 48	25 13	2 13	23 23	1 28	17 16	3 13	19 54	0 28	19 12	1 58	1 28	0 45	15 40	1 48	7 9	13 14	11 39	11 13	14 21	16 9	4 0	T 20
F 21	23 27	0s45	2 59	25 5	2 13	23 13	1 29	17 18	3 15	19 56	0 29	19 12	1 58	1 28	0 46	15 40	1 48	7 9	13 14	11 39	11 12	14 22	16 8	4 0	F 21
S 22	23 27	4 42	2 2	24 55	2 13	23 2	1 30	17 19	3 18	19 57	0 29	19 11	1 58	1 28	0 46	15 39	1 48	7 9	13 14	11 39	11 11	14 23	16 8	4 0	S 22
S 23	23 27	8 24	1 1	24 44	2 12	22 51	1 32	17 22	3 20	19 59	0 29	19 11	1 58	1 27	0 46	15 39	1 48	7 9	13 14	11 39	11 10	14 25	16 7	4 0	S 23
M24	23 26	11 44	0n 2	24 31	2 10	22 38	1 33	17 24	3 23	20 0	0 29	19 10	1 57	1 27	0 46	15 39	1 48	7 9	13 14	11 39	11 8	14 26	16 7	4 0	M24
T 25	23 25	14 36	1 4	24 17	2 8	22 25	1 34	17 27	3 25	20 2	0 29	19 10	1 57	1 27	0 46	15 39	1 48	7 9	13 13	11 39	11 7	14 27	16 6	4 0	T 25
W26	23 24	16 53	2 4	24 1	2 6	22 12	1 35	17 30	3 28	20 4	0 30	19 9	1 57	1 27	0 46	15 38	1 48	7 9	13 13	11 38	11 6	14 28	16 6	4 0	W26
T 27	23 22	18 26	2 59	23 44	2 2	21 58	1 36	17 33	3 30	20 5	0 30	19 9	1 57	1 27	0 46	15 38	1 48	7 9	13 13	11 36	11 5	14 29	16 5	4 0	T 27
F 28	23 19	19 11	3 47	23 25	1 58	21 43	1 36	17 36	3 33	20 7	0 30	19 8	1 57	1 27	0 46	15 38	1 48	7 9	13 13	11 33	11 4	14 31	16 5	4 0	F 28
S 29	23 16	19 3	4 24	23 5	1 53	21 27	1 37	17 40	3 35	20 8	0 30	19 8	1 56	1 27	0 46	15 38	1 48	7 9	13 13	11 29	11 3	14 32	16 4	4 0	S 29
S 30	23 13	17 59	4 50	22 44	1 48	21 11	1 38	17 44	3 38	20 10	0 30	19 7	1 56	1 26	0 46	15 37	1 48	7 9	13 12	11 25	11 2	14 33	16 4	4 0	S 30
M31	23s 9	16s 1	5n 1	22s22	1s41	20s54	1s39	17n48	3n40	20n12	0n30	19n 7	1s56	1n26	0n46	15n37	1s48	7n 9	13s12	11s20	11s 1	14s34	16n 4	4s 0	M31

Julian Day Number = 2409145.5, Delta T = -4.35 sec
Ecliptic obliquity = 23°27'07, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°07'09, Lahiri = 22°14'09

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ASTRODIENST EPHEMERIS for the year 1884
geocentric

JANUARY 1884 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 40 15	10♑ 1'49	8♒58	28♑40	5♒ 5	21°R26	1°R59	4°R13	28♍ 9	18°R30	29°R33	29°R24	28♎37	13♏17	29°R 2	T 1
W 2	6 44 12	11° 3'00	22° 5	29°57	6°20	21♌18	1♌52	4♊10	28° 9	18♉29	29♉32	29♎13	28°34	13°24	28♉59	W 2
T 3	6 48 8	12° 4'10	5♓24	1♒10	7°35	21°10	1°45	4° 7	28°R 9	18°28	29°32	29° 6	28°31	13°30	28°57	T 3
F 4	6 52 5	13° 5'21	18°54	2°18	8°49	21° 1	1°37	4° 3	28° 9	18°27	29°31	29° 1	28°28	13°37	28°55	F 4
S 5	6 56 1	14° 6'31	2♈34	3°22	10° 4	20°51	1°30	4° 0	28° 9	18°26	29°30	28°59	28°25	13°44	28°53	S 5
S 6	6 59 58	15° 7'40	16°26	4°19	11°18	20°40	1°23	3°57	28° 9	18°26	29°29	28°D58	28°21	13°50	28°51	S 6
M 7	7 3 54	16° 8'49	0♉29	5°10	12°33	20°29	1°15	3°54	28° 8	18°25	29°29	28°R58	28°18	13°57	28°49	M 7
T 8	7 7 51	17° 9'58	14°44	5°53	13°48	20°16	1° 7	3°51	28° 8	18°24	29°28	28°57	28°15	14° 4	28°47	T 8
W 9	7 11 48	18°11'06	29° 9	6°28	15° 2	20° 3	1° 0	3°48	28° 8	18°24	29°27	28°55	28°12	14°10	28°45	W 9
T 10	7 15 44	19°12'14	13♊41	6°53	16°17	19°50	0°52	3°46	28° 7	18°23	29°26	28°49	28° 9	14°17	28°43	T 10
F 11	7 19 41	20°13'21	28°13	7° 8	17°31	19°35	0°44	3°43	28° 7	18°22	29°26	28°41	28° 6	14°24	28°41	F 11
S 12	7 23 37	21°14'28	12♋41	7°R12	18°46	19°20	0°36	3°40	28° 7	18°22	29°25	28°29	28° 2	14°30	28°40	S 12
S 13	7 27 34	22°15'34	26°57	7° 5	20° 0	19° 3	0°29	3°38	28° 6	18°21	29°25	28°17	27°59	14°37	28°38	S 13
M14	7 31 30	23°16'40	10♌55	6°46	21°14	18°47	0°21	3°36	28° 5	18°21	29°24	28° 4	27°56	14°44	28°36	M14
T 15	7 35 27	24°17'46	24°30	6°15	22°29	18°29	0°13	3°34	28° 5	18°20	29°23	27°53	27°53	14°50	28°35	T 15
W16	7 39 23	25°18'51	7♍41	5°33	23°43	18°11	0° 5	3°31	28° 4	18°20	29°23	27°43	27°50	14°57	28°33	W16
T 17	7 43 20	26°19'56	20°28	4°40	24°57	17°52	29♋57	3°29	28° 3	18°19	29°22	27°37	27°46	15° 4	28°32	T 17
F 18	7 47 17	27°21'00	2♎54	3°39	26°11	17°33	29°49	3°28	28° 3	18°19	29°22	27°33	27°43	15°10	28°31	F 18
S 19	7 51 13	28°22'04	15° 2	2°30	27°26	17°13	29°41	3°26	28° 2	18°19	29°21	27°31	27°40	15°17	28°29	S 19
S 20	7 55 10	29°23'08	26°57	1°16	28°40	16°52	29°33	3°24	28° 1	18°18	29°21	27°31	27°37	15°23	28°28	S 20
M21	7 59 6	0♒24'11	8♏46	29♑59	29°54	16°31	29°25	3°22	28° 0	18°18	29°20	27°31	27°34	15°30	28°27	M21
T 22	8 3 3	1°25'14	20°34	28°43	1♓ 8	16°10	29°16	3°21	27°59	18°18	29°20	27°30	27°31	15°37	28°26	T 22
W23	8 6 59	2°26'16	2♐25	27°27	2°22	15°48	29° 8	3°20	27°58	18°17	29°19	27°27	27°27	15°43	28°25	W23
T 24	8 10 56	3°27'18	14°26	26°16	3°36	15°25	29° 0	3°18	27°57	18°17	29°19	27°21	27°24	15°50	28°24	T 24
F 25	8 14 52	4°28'20	26°39	25°10	4°50	15° 3	28°52	3°17	27°55	18°17	29°18	27°12	27°21	15°57	28°23	F 25
S 26	8 18 49	5°29'20	9♑ 8	24°11	6° 4	14°39	28°44	3°16	27°54	18°17	29°18	27° 1	27°18	16° 3	28°23	S 26
S 27	8 22 46	6°30'20	21°55	23°20	7°18	14°16	28°37	3°15	27°53	18°17	29°18	26°48	27°15	16°10	28°22	S 27
M28	8 26 42	7°31'19	4♒58	22°38	8°32	13°52	28°29	3°14	27°52	18°17	29°17	26°34	27°12	16°17	28°21	M28
T 29	8 30 39	8°32'17	18°17	22° 4	9°46	13°29	28°21	3°14	27°50	18°D17	29°17	26°22	27° 8	16°23	28°21	T 29
W30	8 34 35	9°33'14	1♓50	21°39	11° 0	13° 5	28°13	3°13	27°49	18°17	29°17	26°10	27° 5	16°30	28°20	W30
T 31	8 38 32	10♒34'10	15♓33	21♑23	12♓13	12♌41	28♋ 5	3♊13	27♍47	18♉17	29♉16	26♎ 2	27♎ 2	16♏37	28♉20	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23s 4	13s14	4n58	21s58	1s34	20s37	1s39	17n53	3n43	20n14	0n31	19n 6	1s56	1n26	0n46	15n37	1s48	7n 9	13s12	11s16	10s59	14s35	16n 3	4s 0	
W 2	23 0	9 45	4 39	21 34	1 26	20 18	1 40	17 57	3 45	20 15	0 31	19 6	1 56	1 26	0 46	15 37	1 48	7 9	13 12	11 12	10 58	14 37	16 3	3 59	
T 3	22 54	5 45	4 4	21 9	1 16	20 0	1 40	18 2	3 48	20 17	0 31	19 5	1 55	1 26	0 46	15 37	1 48	7 9	13 12	11 9	10 57	14 38	16 2	3 59	
F 4	22 48	1 24	3 16	20 44	1 6	19 41	1 40	18 8	3 50	20 19	0 31	19 5	1 55	1 26	0 46	15 36	1 47	7 10	13 11	11 8	10 56	14 39	16 2	3 59	
S 5	22 42	3n 5	2 15	20 18	0 55	19 21	1 41	18 13	3 52	20 21	0 31	19 5	1 55	1 27	0 46	15 36	1 47	7 10	13 11	11 7	10 55	14 40	16 2	3 59	
S 6	22 36	7 29	1 6	19 53	0 43	19 1	1 41	18 19	3 55	20 22	0 31	19 4	1 55	1 27	0 46	15 36	1 47	7 10	13 11	11 7	10 54	14 41	16 1	3 59	
M 7	22 29	11 31	0s 8	19 28	0 29	18 40	1 41	18 25	3 57	20 24	0 32	19 4	1 54	1 27	0 46	15 36	1 47	7 10	13 11	11 7	10 53	14 42	16 1	3 59	
T 8	22 21	14 57	1 23	19 3	0 15	18 19	1 41	18 31	3 59	20 26	0 32	19 4	1 54	1 27	0 46	15 36	1 47	7 10	13 10	11 7	10 51	14 44	16 1	3 59	
W 9	22 13	17 30	2 33	18 39	0n 1	17 57	1 41	18 37	4 1	20 28	0 32	19 3	1 54	1 27	0 46	15 36	1 47	7 10	13 10	11 6	10 50	14 45	16 0	3 59	
T 10	22 5	18 56	3 33	18 17	0 17	17 34	1 41	18 44	4 4	20 30	0 32	19 3	1 54	1 27	0 46	15 36	1 47	7 10	13 10	11 4	10 49	14 46	16 0	3 59	
F 11	21 56	19 7	4 20	17 56	0 35	17 12	1 41	18 50	4 6	20 32	0 32	19 3	1 53	1 27	0 46	15 35	1 47	7 10	13 10	11 1	10 48	14 47	16 0	3 58	
S 12	21 46	18 3	4 49	17 38	0 53	16 48	1 41	18 57	4 8	20 33	0 32	19 3	1 53	1 28	0 46	15 35	1 47	7 10	13 9	10 57	10 47	14 48	16 0	3 58	
S 13	21 37	15 52	5 0	17 22	1 11	16 24	1 40	19 4	4 10	20 35	0 32	19 2	1 53	1 28	0 46	15 35	1 47	7 10	13 9	10 52	10 46	14 49	15 59	3 58	
M14	21 27	12 48	4 53	17 9	1 30	16 0	1 40	19 11	4 12	20 37	0 33	19 2	1 53	1 28	0 46	15 35	1 47	7 11	13 9	10 48	10 45	14 50	15 59	3 58	
T 15	21 16	9 8	4 29	16 58	1 49	15 36	1 39	19 19	4 14	20 39	0 33	19 2	1 52	1 29	0 47	15 35	1 47	7 11	13 9	10 44	10 44	14 52	15 59	3 58	
W16	21 5	5 7	3 51	16 51	2 7	15 11	1 39	19 26	4 15	20 41	0 33	19 2	1 52	1 29	0 47	15 35	1 47	7 11	13 8	10 40	10 42	14 53	15 59	3 58	
T 17	20 54	0 59	3 3	16 46	2 24	14 45	1 38	19 34	4 17	20 43	0 33	19 2	1 52	1 29	0 47	15 35	1 47	7 11	13 8	10 38	10 41	14 54	15 59	3 58	
F 18	20 42	3s 5	2 7	16 45	2 40	14 19	1 38	19 41	4 19	20 44	0 33	19 2	1 52	1 30	0 47	15 35	1 47	7 11	13 8	10 36	10 40	14 55	15 59	3 57	
S 19	20 30	6 56	1 6	16 46	2 55	13 53	1 37	19 49	4 21	20 46	0 33	19 2	1 51	1 30	0 47	15 35	1 47	7 11	13 8	10 36	10 39	14 56	15 58	3 57	
S 20	20 17	10 26	0 3	16 50	3 7	13 27	1 36	19 57	4 22	20 48	0 33	19 2	1 51	1 30	0 47	15 35	1 47	7 11	13 7	10 36	10 38	14 57	15 58	3 57	
M21	20 5	13 30	0n59	16 57	3 17	13 0	1 35	20 5	4 23	20 50	0 34	19 1	1 51	1 31	0 47	15 35	1 46	7 12	13 7	10 36	10 37	14 58	15 58	3 57	
T 22	19 51	15 59	1 59	17 5	3 25	12 32	1 34	20 12	4 25	20 52	0 34	19 1	1 51	1 31	0 47	15 35	1 46	7 12	13 7	10 35	10 36	14 59	15 58	3 57	
W23	19 38	17 49	2 54	17 14	3 30	12 5	1 33	20 20	4 26	20 54	0 34	19 1	1 50	1 32	0 47	15 35	1 46	7 12	13 6	10 34	10 34	15 0	15 58	3 57	
T 24	19 24	18 53	3 41	17 25	3 33	11 37	1 32	20 28	4 27	20 55	0 34	19 1	1 50	1 32	0 47	15 35	1 46	7 12	13 6	10 32	10 33	15 2	15 58	3 57	
F 25	19 9	19 5	4 20	17 37	3 33	11 9	1 30	20 36	4 28	20 57	0 34	19 2	1 50	1 33	0 47	15 35	1 46	7 12	13 6	10 29	10 32	15 3	15 58	3 56	
S 26	18 54	18 23	4 46	17 49	3 31	10 40	1 29	20 44	4 29	20 59	0 34	19 2	1 50	1 33	0 47	15 35	1 46	7 13	13 6	10 25	10 31	15 4	15 58	3 56	
S 27	18 39	16 44	4 59	18 1	3 28	10 11	1 28	20 52	4 30	21 1	0 34	19 2	1 49	1 34	0 47	15 35	1 46	7 13	13 5	10 20	10 30	15 5	15 58	3 56	
M28	18 24	14 13	4 57	18 14	3 22	9 42	1 26	20 59	4 31	21 2	0 34	19 2	1 49	1 34	0 47	15 35	1 46	7 13	13 5	10 15	10 29	15 6	15 58	3 56	
T 29	18 8	10 55	4 39	18 26	3 15	9 13	1 25	21 7	4 31	21 4	0 34	19 2	1 49	1 35	0 47	15 35	1 46	7 13	13 5	10 11	10 28	15 7	15 58	3 56	
W30	17 52	7 1	4 5	18 38	3 7	8 44	1 23	21 14	4 32	21 6	0 35	19 2	1 49	1 35	0 47	15 35	1 46	7 13	13 4	10 7	10 26	15 8	15 58	3 56	
T 31	17s36	2s41	3n16	18s50	2n58	8s14	1s21	21n22	4n32	21n 7	0n35	19n 2	1s48	1n36	0n47	15n35	1s46	7n14	13s 4	10s 4	10s25	15s 9	15n58	3s55	

Julian Day Number = 2409176.5, Delta T = -4.36 sec
Ecliptic obliquity = 23°27'07, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°07'13, Lahiri = 22°14'14

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ASTRODIENST EPHEMERIS for the year 1884
geocentric

FEBRUARY 1884 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 42 28	11♒35'04	29♓23	21°R15	13♓27	12°R17	27°R58	3°R12	27°R46	18♉17	29°R16	25°R57	26♎59	16♏43	28°R19	F 1
S 2	8 46 25	12°35'57	13♈20	21°D14	14°41	11♌53	27♋50	3♊12	27♍44	18°17	29♉16	25♎54	26°56	16°50	28♉19	S 2
S 3	8 50 21	13°36'49	27°20	21♑22	15°54	11°29	27°43	3°12	27°43	18°17	29°16	25°D54	26°52	16°57	28°19	S 3
M 4	8 54 18	14°37'39	11♉23	21°36	17° 8	11° 5	27°35	3°D12	27°41	18°18	29°16	25°R54	26°49	17° 3	28°19	M 4
T 5	8 58 15	15°38'28	25°29	21°56	18°21	10°41	27°28	3°12	27°39	18°18	29°15	25°54	26°46	17°10	28°D19	T 5
W 6	9 2 11	16°39'16	9♊36	22°22	19°35	10°17	27°21	3°12	27°38	18°18	29°15	25°52	26°43	17°17	28°19	W 6
T 7	9 6 8	17°40'02	23°44	22°54	20°48	9°54	27°13	3°13	27°36	18°18	29°15	25°47	26°40	17°23	28°19	T 7
F 8	9 10 4	18°40'46	7♋49	23°31	22° 1	9°31	27° 6	3°13	27°34	18°19	29°15	25°40	26°37	17°30	28°19	F 8
S 9	9 14 1	19°41'29	21°48	24°12	23°14	9° 8	26°59	3°14	27°32	18°19	29°15	25°30	26°33	17°37	28°19	S 9
S 10	9 17 57	20°42'10	5♌38	24°57	24°28	8°46	26°53	3°14	27°30	18°19	29°15	25°19	26°30	17°43	28°20	S 10
M11	9 21 54	21°42'50	19°14	25°46	25°41	8°24	26°46	3°15	27°28	18°20	29°15	25° 8	26°27	17°50	28°20	M11
T 12	9 25 50	22°43'28	2♍33	26°38	26°54	8° 2	26°39	3°16	27°26	18°20	29°D15	24°58	26°24	17°57	28°20	T 12
W13	9 29 47	23°44'06	15°33	27°34	28° 7	7°41	26°33	3°17	27°24	18°21	29°15	24°49	26°21	18° 3	28°21	W13
T 14	9 33 44	24°44'41	28°14	28°33	29°20	7°21	26°26	3°18	27°22	18°21	29°15	24°43	26°17	18°10	28°21	T 14
F 15	9 37 40	25°45'16	10♎37	29°34	0♈32	7° 1	26°20	3°19	27°20	18°22	29°15	24°40	26°14	18°16	28°22	F 15
S 16	9 41 37	26°45'49	22°45	0♒38	1°45	6°41	26°14	3°21	27°18	18°23	29°15	24°D39	26°11	18°23	28°23	S 16
S 17	9 45 33	27°46'20	4♏42	1°44	2°58	6°23	26° 8	3°22	27°16	18°23	29°15	24°39	26° 8	18°30	28°24	S 17
M18	9 49 30	28°46'51	16°32	2°52	4°10	6° 4	26° 3	3°24	27°14	18°24	29°15	24°40	26° 5	18°36	28°25	M18
T 19	9 53 26	29°47'20	28°20	4° 3	5°23	5°47	25°57	3°25	27°12	18°25	29°15	24°R41	26° 2	18°43	28°25	T 19
W20	9 57 23	0♓47'48	10♐13	5°15	6°35	5°30	25°51	3°27	27°10	18°25	29°15	24°40	25°58	18°50	28°26	W20
T 21	10 1 19	1°48'15	22°15	6°29	7°48	5°14	25°46	3°29	27° 7	18°26	29°16	24°38	25°55	18°56	28°28	T 21
F 22	10 5 16	2°48'40	4♑31	7°45	9° 0	4°58	25°41	3°31	27° 5	18°27	29°16	24°33	25°52	19° 3	28°29	F 22
S 23	10 9 13	3°49'04	17° 4	9° 2	10°12	4°43	25°36	3°33	27° 3	18°28	29°16	24°27	25°49	19°10	28°30	S 23
S 24	10 13 9	4°49'26	29°59	10°21	11°25	4°29	25°31	3°35	27° 0	18°29	29°16	24°19	25°46	19°16	28°31	S 24
M25	10 17 6	5°49'47	13♒15	11°41	12°37	4°16	25°26	3°38	26°58	18°30	29°16	24°10	25°43	19°23	28°33	M25
T 26	10 21 2	6°50'06	26°52	13° 3	13°49	4° 3	25°22	3°40	26°56	18°31	29°17	24° 1	25°39	19°30	28°34	T 26
W27	10 24 59	7°50'23	10♓47	14°26	15° 0	3°51	25°18	3°43	26°53	18°31	29°17	23°54	25°36	19°36	28°35	W27
T 28	10 28 55	8°50'39	24°56	15°51	16°12	3°40	25°13	3°45	26°51	18°33	29°17	23°49	25°33	19°43	28°37	T 28
F 29	10 32 52	9♓50'52	9♈14	17♒16	17♈24	3♌30	25♋ 9	3♊48	26♍48	18♉34	29♉18	23♎46	25♎30	19♏50	28♉39	F 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s19	1n50	2n16	19s 1	2n48	7s44	1s19	21n29	4n33	21n 9	0n35	19n 2	1s48	1n37	0n47	15n35	1s46	7n14	13s 4	10s 2	10s24	15s10	15n58	3s55
S 2	17 2	6 17	1 6	19 11	2 37	7 14	1 18	21 36	4 33	21 11	0 35	19 3	1 48	1 37	0 47	15 35	1 46	7 14	13 4	10 1	10 23	15 11	15 58	3 55
S 3	16 45	10 25	0s 8	19 21	2 26	6 43	1 16	21 43	4 33	21 12	0 35	19 3	1 48	1 38	0 47	15 35	1 46	7 14	13 3	10 1	10 22	15 12	15 59	3 55
M 4	16 27	13 58	1 21	19 30	2 15	6 13	1 14	21 50	4 33	21 14	0 35	19 3	1 47	1 39	0 47	15 36	1 46	7 15	13 3	10 1	10 21	15 14	15 59	3 55
T 5	16 9	16 42	2 30	19 38	2 3	5 42	1 12	21 56	4 33	21 15	0 35	19 3	1 47	1 39	0 47	15 36	1 46	7 15	13 3	10 1	10 20	15 15	15 59	3 55
W 6	15 51	18 26	3 30	19 45	1 52	5 12	1 9	22 2	4 32	21 17	0 35	19 4	1 47	1 40	0 47	15 36	1 45	7 15	13 2	10 0	10 18	15 16	15 59	3 54
T 7	15 33	19 1	4 17	19 52	1 40	4 41	1 7	22 8	4 32	21 18	0 35	19 4	1 46	1 41	0 47	15 36	1 45	7 15	13 2	9 58	10 17	15 17	15 59	3 54
F 8	15 14	18 25	4 49	19 57	1 29	4 10	1 5	22 14	4 32	21 20	0 35	19 4	1 46	1 41	0 47	15 36	1 45	7 16	13 2	9 55	10 16	15 18	15 59	3 54
S 9	14 55	16 43	5 2	20 1	1 17	3 39	1 3	22 20	4 31	21 21	0 35	19 5	1 46	1 42	0 47	15 36	1 45	7 16	13 1	9 52	10 15	15 19	16 0	3 54
S 10	14 36	14 3	4 58	20 4	1 6	3 7	1 0	22 25	4 30	21 22	0 36	19 5	1 46	1 43	0 47	15 36	1 45	7 16	13 1	9 48	10 14	15 20	16 0	3 54
M11	14 17	10 40	4 37	20 6	0 55	2 36	0 58	22 30	4 30	21 24	0 36	19 6	1 45	1 44	0 47	15 37	1 45	7 17	13 1	9 44	10 13	15 21	16 0	3 53
T 12	13 57	6 49	4 1	20 7	0 44	2 5	0 55	22 35	4 29	21 25	0 36	19 6	1 45	1 45	0 47	15 37	1 45	7 17	13 1	9 40	10 12	15 22	16 0	3 53
W13	13 37	2 44	3 13	20 7	0 33	1 33	0 52	22 40	4 28	21 26	0 36	19 6	1 45	1 45	0 47	15 37	1 45	7 17	13 0	9 37	10 10	15 23	16 1	3 53
T 14	13 17	1s23	2 16	20 5	0 23	1 2	0 50	22 44	4 27	21 28	0 36	19 7	1 45	1 46	0 47	15 37	1 45	7 17	13 0	9 35	10 9	15 24	16 1	3 53
F 15	12 57	5 21	1 14	20 2	0 13	0 30	0 47	22 48	4 26	21 29	0 36	19 7	1 44	1 47	0 48	15 37	1 45	7 18	13 0	9 34	10 8	15 25	16 1	3 53
S 16	12 36	9 1	0 10	19 59	0 3	0n 1	0 44	22 52	4 24	21 30	0 36	19 8	1 44	1 48	0 48	15 38	1 45	7 18	12 59	9 33	10 7	15 26	16 2	3 53
S 17	12 15	12 15	0n54	19 53	0s 6	0 33	0 41	22 56	4 23	21 31	0 36	19 8	1 44	1 49	0 48	15 38	1 45	7 18	12 59	9 33	10 6	15 27	16 2	3 52
M18	11 54	14 57	1 55	19 47	0 16	1 4	0 38	22 59	4 22	21 32	0 36	19 9	1 44	1 50	0 48	15 38	1 45	7 19	12 59	9 34	10 5	15 28	16 2	3 52
T 19	11 33	17 1	2 51	19 39	0 25	1 36	0 35	23 2	4 20	21 34	0 36	19 10	1 43	1 51	0 48	15 38	1 45	7 19	12 58	9 34	10 3	15 29	16 3	3 52
W20	11 12	18 22	3 40	19 30	0 33	2 7	0 32	23 5	4 19	21 35	0 36	19 10	1 43	1 52	0 48	15 39	1 45	7 19	12 58	9 34	10 2	15 30	16 3	3 52
T 21	10 50	18 54	4 20	19 20	0 42	2 39	0 29	23 7	4 17	21 36	0 36	19 11	1 43	1 52	0 48	15 39	1 45	7 20	12 58	9 33	10 1	15 31	16 4	3 52
F 22	10 29	18 34	4 49	19 8	0 50	3 10	0 26	23 10	4 15	21 37	0 36	19 11	1 42	1 53	0 48	15 39	1 44	7 20	12 57	9 31	10 0	15 32	16 4	3 52
S 23	10 7	17 19	5 5	18 56	0 57	3 42	0 23	23 12	4 14	21 38	0 36	19 12	1 42	1 54	0 48	15 40	1 44	7 20	12 57	9 29	9 59	15 33	16 4	3 51
S 24	9 45	15 11	5 6	18 41	1 4	4 13	0 20	23 13	4 12	21 39	0 36	19 13	1 42	1 55	0 48	15 40	1 44	7 21	12 57	9 26	9 58	15 34	16 5	3 51
M25	9 23	12 12	4 51	18 26	1 11	4 44	0 16	23 15	4 10	21 40	0 36	19 13	1 42	1 56	0 48	15 40	1 44	7 21	12 57	9 23	9 56	15 35	16 5	3 51
T 26	9 0	8 30	4 19	18 9	1 18	5 15	0 13	23 16	4 8	21 40	0 36	19 14	1 41	1 57	0 48	15 40	1 44	7 21	12 56	9 19	9 55	15 36	16 6	3 51
W27	8 38	4 16	3 31	17 51	1 24	5 46	0 10	23 17	4 6	21 41	0 36	19 15	1 41	1 58	0 48	15 41	1 44	7 22	12 56	9 17	9 54	15 37	16 6	3 51
T 28	8 15	0n16	2 30	17 32	1 30	6 17	0 6	23 18	4 4	21 42	0 36	19 16	1 41	1 59	0 48	15 41	1 44	7 22	12 56	9 15	9 53	15 38	16 7	3 50
F 29	7s53	4n51	1n18	17s11	1s36	6n48	0s 3	23n18	4n 2	21n43	0n36	19n16	1s41	2n 0	0n48	15n41	1s44	7n23	12s55	9s14	9s52	15s39	16n 7	3s50

Julian Day Number = 2409207.5, Delta T = -4.37 sec
Ecliptic obliquity = 23°27'07, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°07'17, Lahiri = 22°14'18

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ASTRODIENST EPHEMERIS for the year 1884
geocentric

MARCH 1884 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 36 48	10♓51'04	23♈36	18♒43	18♈36	3°R21	25°R 6	3♊51	26°R46	18♉35	29♉18	23°D45	25♎27	19♏56	28♉40	S 1
S 2	10 40 45	11°51'14	7♉58	20°11	19°47	3♌12	25♋ 2	3°54	26♍43	18°36	29°19	23♎46	25°23	20° 3	28°42	S 2
M 3	10 44 42	12°51'22	22°16	21°40	20°59	3° 4	24°59	3°57	26°41	18°37	29°19	23°47	25°20	20°10	28°44	M 3
T 4	10 48 38	13°51'27	6♊28	23°11	22°10	2°57	24°55	4° 0	26°38	18°38	29°19	23°48	25°17	20°16	28°46	T 4
W 5	10 52 35	14°51'31	20°32	24°43	23°21	2°51	24°52	4° 3	26°36	18°39	29°20	23°R48	25°14	20°23	28°48	W 5
T 6	10 56 31	15°51'32	4♋27	26°15	24°32	2°46	24°50	4° 6	26°33	18°40	29°20	23°47	25°11	20°30	28°50	T 6
F 7	11 0 28	16°51'31	18°12	27°49	25°43	2°41	24°47	4°10	26°31	18°42	29°21	23°43	25° 8	20°36	28°52	F 7
S 8	11 4 24	17°51'28	1♌47	29°24	26°54	2°37	24°44	4°13	26°28	18°43	29°21	23°39	25° 4	20°43	28°54	S 8
S 9	11 8 21	18°51'22	15° 9	1♓ 1	28° 5	2°34	24°42	4°17	26°26	18°44	29°22	23°33	25° 1	20°50	28°56	S 9
M10	11 12 17	19°51'15	28°19	2°38	29°16	2°32	24°40	4°21	26°23	18°46	29°22	23°27	24°58	20°56	28°58	M10
T 11	11 16 14	20°51'05	11♍15	4°16	0♉26	2°30	24°38	4°25	26°20	18°47	29°23	23°22	24°55	21° 3	29° 1	T 11
W12	11 20 11	21°50'54	23°57	5°56	1°36	2°30	24°36	4°29	26°18	18°48	29°24	23°17	24°52	21°10	29° 3	W12
T 13	11 24 7	22°50'40	6♎24	7°37	2°47	2°D30	24°35	4°33	26°15	18°50	29°24	23°15	24°49	21°16	29° 6	T 13
F 14	11 28 4	23°50'25	18°39	9°19	3°57	2°30	24°33	4°37	26°13	18°51	29°25	23°D13	24°45	21°23	29° 8	F 14
S 15	11 32 0	24°50'07	0♏42	11° 2	5° 7	2°32	24°32	4°41	26°10	18°53	29°25	23°13	24°42	21°30	29°11	S 15
S 16	11 35 57	25°49'48	12°37	12°47	6°17	2°34	24°31	4°45	26° 7	18°54	29°26	23°15	24°39	21°36	29°13	S 16
M17	11 39 53	26°49'27	24°27	14°33	7°27	2°36	24°31	4°49	26° 5	18°56	29°27	23°16	24°36	21°43	29°16	M17
T 18	11 43 50	27°49'05	6♐16	16°20	8°36	2°40	24°30	4°54	26° 2	18°57	29°28	23°18	24°33	21°50	29°19	T 18
W19	11 47 46	28°48'40	18° 9	18° 8	9°46	2°44	24°30	4°58	26° 0	18°59	29°28	23°20	24°29	21°56	29°21	W19
T 20	11 51 43	29°48'14	0♑10	19°58	10°55	2°49	24°D30	5° 3	25°57	19° 0	29°29	23°R20	24°26	22° 3	29°24	T 20
F 21	11 55 39	0♈47'46	12°25	21°48	12° 4	2°54	24°30	5° 8	25°54	19° 2	29°30	23°19	24°23	22° 9	29°27	F 21
S 22	11 59 36	1°47'16	24°57	23°40	13°13	3° 1	24°30	5°13	25°52	19° 4	29°31	23°18	24°20	22°16	29°30	S 22
S 23	12 3 33	2°46'45	7♒51	25°34	14°22	3° 7	24°30	5°17	25°49	19° 5	29°31	23°16	24°17	22°23	29°33	S 23
M24	12 7 29	3°46'12	21°10	27°28	15°31	3°15	24°31	5°22	25°47	19° 7	29°32	23°13	24°14	22°29	29°36	M24
T 25	12 11 26	4°45'36	4♓53	29°24	16°40	3°23	24°32	5°27	25°44	19° 9	29°33	23°10	24°10	22°36	29°39	T 25
W26	12 15 22	5°44'59	19° 0	1♈21	17°48	3°31	24°33	5°33	25°41	19°10	29°34	23° 8	24° 7	22°43	29°42	W26
T 27	12 19 19	6°44'20	3♈27	3°20	18°57	3°40	24°34	5°38	25°39	19°12	29°35	23° 6	24° 4	22°49	29°46	T 27
F 28	12 23 15	7°43'39	18° 8	5°19	20° 5	3°50	24°35	5°43	25°36	19°14	29°36	23°D 5	24° 1	22°56	29°49	F 28
S 29	12 27 12	8°42'56	2♉56	7°20	21°13	4° 1	24°37	5°48	25°34	19°16	29°37	23° 6	23°58	23° 3	29°52	S 29
S 30	12 31 8	9°42'10	17°45	9°21	22°21	4°12	24°38	5°54	25°31	19°17	29°37	23° 6	23°54	23° 9	29°56	S 30
M31	12 35 5	10♈41'23	2♊26	11♈24	23♉28	4♌23	24♋40	5♊59	25♍29	19♉19	29♉38	23♎ 7	23♎51	23♏16	29♉59	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	7s30	9n11	0n 1	16s50	1s41	7n18	0n 1	23n19	4n 0	21n43	0n37	19n17	1s40	2n 1	0n48	15n42	1s44	7n23	12s55	9s13	9s51	15s40	16n 8	3s50	S 1
S 2	7 7	12 58	1s16	16 26	1 46	7 49	0 4	23 19	3 58	21 44	0 37	19 18	1 40	2 2	0 48	15 42	1 44	7 23	12 55	9 14	9 50	15 41	16 8	3 50	S 2
M 3	6 44	15 57	2 29	16 2	1 51	8 19	0 8	23 19	3 56	21 45	0 37	19 19	1 40	2 3	0 48	15 42	1 44	7 24	12 54	9 14	9 48	15 42	16 9	3 50	M 3
T 4	6 21	17 56	3 31	15 36	1 55	8 49	0 12	23 18	3 54	21 45	0 37	19 20	1 40	2 4	0 48	15 43	1 44	7 24	12 54	9 15	9 47	15 43	16 9	3 50	T 4
W 5	5 58	18 47	4 20	15 9	1 58	9 19	0 15	23 18	3 52	21 46	0 37	19 20	1 39	2 5	0 48	15 43	1 44	7 24	12 54	9 15	9 46	15 44	16 10	3 50	W 5
T 6	5 35	18 29	4 54	14 41	2 2	9 48	0 19	23 17	3 50	21 46	0 37	19 21	1 39	2 6	0 48	15 44	1 44	7 25	12 54	9 14	9 45	15 45	16 11	3 49	T 6
F 7	5 11	17 6	5 10	14 11	2 5	10 18	0 23	23 16	3 48	21 47	0 37	19 22	1 39	2 7	0 48	15 44	1 44	7 25	12 53	9 13	9 44	15 46	16 11	3 49	F 7
S 8	4 48	14 46	5 8	13 40	2 7	10 47	0 26	23 15	3 46	21 47	0 37	19 23	1 39	2 8	0 48	15 44	1 44	7 26	12 53	9 11	9 43	15 47	16 12	3 49	S 8
S 9	4 25	11 41	4 50	13 8	2 9	11 16	0 30	23 13	3 43	21 48	0 37	19 24	1 38	2 9	0 48	15 45	1 44	7 26	12 53	9 9	9 41	15 48	16 12	3 49	S 9
M10	4 1	8 4	4 16	12 35	2 11	11 45	0 34	23 12	3 41	21 48	0 37	19 25	1 38	2 10	0 48	15 45	1 44	7 26	12 52	9 7	9 40	15 49	16 13	3 49	M10
T 11	3 38	4 7	3 30	12 0	2 13	12 13	0 38	23 10	3 39	21 49	0 37	19 26	1 38	2 11	0 48	15 46	1 43	7 27	12 52	9 5	9 39	15 50	16 14	3 49	T 11
W12	3 14	0 3	2 34	11 24	2 13	12 41	0 41	23 8	3 37	21 49	0 37	19 27	1 38	2 12	0 48	15 46	1 43	7 27	12 52	9 3	9 38	15 51	16 14	3 48	W12
T 13	2 50	3s56	1 31	10 47	2 14	13 9	0 45	23 6	3 35	21 49	0 37	19 28	1 37	2 13	0 48	15 47	1 43	7 27	12 52	9 2	9 37	15 52	16 15	3 48	T 13
F 14	2 27	7 42	0 25	10 9	2 14	13 37	0 49	23 4	3 33	21 49	0 37	19 29	1 37	2 14	0 48	15 47	1 43	7 28	12 51	9 2	9 36	15 53	16 16	3 48	F 14
S 15	2 3	11 5	0n41	9 29	2 13	14 4	0 53	23 1	3 30	21 50	0 37	19 30	1 37	2 15	0 48	15 47	1 43	7 28	12 51	9 2	9 34	15 54	16 16	3 48	S 15
S 16	1 39	13 58	1 45	8 48	2 12	14 31	0 57	22 58	3 28	21 50	0 37	19 31	1 37	2 16	0 48	15 48	1 43	7 29	12 51	9 2	9 33	15 55	16 17	3 48	S 16
M17	1 16	16 15	2 43	8 6	2 11	14 58	1 1	22 56	3 26	21 50	0 37	19 32	1 37	2 17	0 48	15 48	1 43	7 29	12 50	9 3	9 32	15 56	16 18	3 48	M17
T 18	0 52	17 50	3 35	7 23	2 9	15 24	1 5	22 53	3 24	21 50	0 37	19 33	1 36	2 19	0 48	15 49	1 43	7 29	12 50	9 4	9 31	15 57	16 19	3 48	T 18
W19	0 28	18 38	4 18	6 38	2 7	15 50	1 8	22 50	3 22	21 50	0 37	19 34	1 36	2 20	0 48	15 49	1 43	7 30	12 50	9 4	9 30	15 58	16 19	3 47	W19
T 20	0 5	18 37	4 50	5 53	2 4	16 15	1 12	22 47	3 20	21 50	0 37	19 35	1 36	2 21	0 48	15 50	1 43	7 30	12 50	9 4	9 29	15 59	16 20	3 47	T 20
F 21	0n19	17 44	5 10	5 6	2 1	16 40	1 16	22 43	3 17	21 50	0 37	19 36	1 36	2 22	0 48	15 50	1 43	7 31	12 49	9 4	9 27	16 0	16 21	3 47	F 21
S 22	0 43	15 59	5 15	4 18	1 57	17 5	1 20	22 40	3 15	21 50	0 37	19 37	1 35	2 23	0 48	15 51	1 43	7 31	12 49	9 3	9 26	16 1	16 21	3 47	S 22
S 23	1 6	13 23	5 5	3 29	1 52	17 30	1 24	22 36	3 13	21 50	0 37	19 38	1 35	2 24	0 48	15 51	1 43	7 32	12 49	9 3	9 25	16 2	16 22	3 47	S 23
M24	1 30	10 3	4 39	2 39	1 48	17 54	1 28	22 32	3 11	21 50	0 37	19 39	1 35	2 25	0 48	15 52	1 43	7 32	12 49	9 2	9 24	16 2	16 23	3 47	M24
T 25	1 54	6 4	3 56	1 48	1 42	18 17	1 32	22 28	3 9	21 50	0 37	19 40	1 35	2 26	0 48	15 52	1 43	7 32	12 48	9 0	9 23	16 3	16 24	3 47	T 25
W26	2 17	1 38	2 58	0 56	1 36	18 40	1 35	22 24	3 7	21 50	0 37	19 41	1 35	2 27	0 48	15 53	1 43	7 33	12 48	9 0	9 22	16 4	16 25	3 47	W26
T 27	2 41	3n 0	1 47	0 3	1 30	19 3	1 39	22 20	3 5	21 49	0 37	19 42	1 34	2 28	0 48	15 53	1 43	7 33	12 48	8 59	9 20	16 5	16 25	3 46	T 27
F 28	3 4	7 32	0 27	0n51	1 23	19 25	1 43	22 16	3 3	21 49	0 37	19 44	1 34	2 29	0 48	15 54	1 43	7 34	12 48	8 59	9 19	16 6	16 26	3 46	F 28
S 29	3 27	11 39	0s54	1 45	1 15	19 47	1 47	22 11	3 1	21 49	0 37	19 45	1 34	2 30	0 48	15 54	1 43	7 34	12 47	8 59	9 18	16 7	16 27	3 46	S 29
S 30	3 51	15 1	2 13	2 41	1 7	20 9	1 50	22 7	2 59	21 49	0 37	19 46	1 34	2 31	0 48	15 55	1 43	7 34	12 47	8 59	9 17	16 8	16 28	3 46	S 30
M31	4n14	17n22	3s21	3n36	0s59	20n29	1n54	22n 2	2n57	21n48	0n37	19n47	1s34	2n32	0n48	15n55	1s43	7n35	12s47	8s59	9s16	16s 9	16n29	3s46	M31

Julian Day Number = 2409236.5, Delta T = -4.38 sec
Ecliptic obliquity = 23°27'08, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°07'21, Lahiri = 22°14'22

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1884
geocentric

APRIL 1884 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 39 2	11♈40'33	16♊56	13♈27	24♉36	4♌35	24♋42	6♊ 5	25°R26	19♉21	29♉39	23♎ 8	23♎48	23♏23	0♊ 2	T 1
W 2	12 42 58	12°39'41	1♋10	15°31	25°43	4°48	24°45	6°10	25♍24	19°23	29°40	23° 9	23°45	23°29	0° 6	W 2
T 3	12 46 55	13°38'46	15° 6	17°35	26°50	5° 1	24°47	6°16	25°21	19°25	29°41	23°R 9	23°42	23°36	0°10	T 3
F 4	12 50 51	14°37'50	28°44	19°40	27°57	5°14	24°50	6°22	25°19	19°27	29°42	23° 9	23°39	23°43	0°13	F 4
S 5	12 54 48	15°36'50	12♌ 4	21°44	29° 4	5°28	24°53	6°28	25°17	19°29	29°43	23° 8	23°35	23°49	0°17	S 5
S 6	12 58 44	16°35'49	25° 7	23°49	0♊10	5°43	24°56	6°34	25°14	19°31	29°44	23° 7	23°32	23°56	0°20	S 6
M 7	13 2 41	17°34'45	7♍56	25°53	1°16	5°58	24°59	6°40	25°12	19°33	29°45	23° 7	23°29	24° 3	0°24	M 7
T 8	13 6 37	18°33'39	20°30	27°55	2°22	6°13	25° 2	6°46	25° 9	19°35	29°46	23° 6	23°26	24° 9	0°28	T 8
W 9	13 10 34	19°32'30	2♎53	29°57	3°28	6°29	25° 6	6°52	25° 7	19°37	29°47	23° 6	23°23	24°16	0°32	W 9
T 10	13 14 31	20°31'20	15° 5	1♉57	4°34	6°46	25°10	6°58	25° 5	19°39	29°49	23° 5	23°20	24°23	0°35	T 10
F 11	13 18 27	21°30'08	27° 9	3°56	5°39	7° 2	25°13	7° 4	25° 3	19°41	29°50	23°D 5	23°16	24°29	0°39	F 11
S 12	13 22 24	22°28'54	9♏ 5	5°52	6°44	7°20	25°17	7°10	25° 0	19°43	29°51	23° 5	23°13	24°36	0°43	S 12
S 13	13 26 20	23°27'37	20°57	7°45	7°49	7°37	25°22	7°17	24°58	19°45	29°52	23°R 5	23°10	24°43	0°47	S 13
M14	13 30 17	24°26'19	2♐46	9°36	8°54	7°55	25°26	7°23	24°56	19°47	29°53	23° 5	23° 7	24°49	0°51	M14
T 15	13 34 13	25°25'00	14°36	11°23	9°58	8°14	25°31	7°29	24°54	19°49	29°54	23° 5	23° 4	24°56	0°55	T 15
W16	13 38 10	26°23'38	26°30	13° 7	11° 2	8°32	25°35	7°36	24°52	19°51	29°55	23° 5	23° 0	25° 3	0°59	W16
T 17	13 42 6	27°22'15	8♑31	14°47	12° 6	8°52	25°40	7°42	24°50	19°53	29°56	23° 4	22°57	25° 9	1° 3	T 17
F 18	13 46 3	28°20'50	20°45	16°23	13°10	9°11	25°45	7°49	24°48	19°55	29°58	23° 4	22°54	25°16	1° 7	F 18
S 19	13 49 59	29°19'23	3♒14	17°55	14°13	9°31	25°51	7°56	24°46	19°57	29°59	23°D 4	22°51	25°23	1°12	S 19
S 20	13 53 56	0♉17'55	16° 4	19°23	15°16	9°51	25°56	8° 2	24°44	20° 0	29°59	23° 4	22°48	25°29	1°16	S 20
M21	13 57 53	1°16'25	29°17	20°46	16°18	10°12	26° 1	8° 9	24°42	20° 2	0♊ 1	23° 5	22°45	25°36	1°20	M21
T 22	14 1 49	2°14'54	12♓57	22° 4	17°21	10°33	26° 7	8°16	24°40	20° 4	0° 2	23° 6	22°41	25°43	1°24	T 22
W23	14 5 46	3°13'20	27° 3	23°18	18°23	10°54	26°13	8°23	24°38	20° 6	0° 4	23° 7	22°38	25°49	1°28	W23
T 24	14 9 42	4°11'45	11♈33	24°27	19°24	11°16	26°19	8°30	24°36	20° 8	0° 5	23° 7	22°35	25°56	1°33	T 24
F 25	14 13 39	5°10'09	26°24	25°30	20°26	11°38	26°25	8°36	24°34	20°10	0° 6	23°R 7	22°32	26° 3	1°37	F 25
S 26	14 17 35	6° 8'31	11♉28	26°29	21°27	12° 0	26°31	8°43	24°32	20°13	0° 7	23° 7	22°29	26° 9	1°41	S 26
S 27	14 21 32	7° 6'50	26°36	27°23	22°28	12°22	26°38	8°50	24°31	20°15	0° 9	23° 6	22°25	26°16	1°46	S 27
M28	14 25 28	8° 5'09	11♊40	28°11	23°28	12°45	26°44	8°58	24°29	20°17	0°10	23° 4	22°22	26°23	1°50	M28
T 29	14 29 25	9° 3'25	26°30	28°55	24°28	13° 8	26°51	9° 5	24°27	20°19	0°11	23° 2	22°19	26°29	1°55	T 29
W30	14 33 22	10♉ 1'39	11♋ 0	29♉33	25♊27	13♌32	26♋58	9♊12	24♍26	20♉21	0♊12	23♎ 0	22♎16	26♏36	1♊59	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n37	18n34	4s16	4n33	0s50	20n50	1n58	21n57	2n55	21n48	0n37	19n48	1s33	2n33	0n48	15n56	1s43	7n35	12s47	9s 0	9s15	16s10	16n29	3s46
W 2	5 0	18 32	4 54	5 29	0 40	21 10	2 1	21 52	2 53	21 47	0 37	19 49	1 33	2 34	0 48	15 56	1 42	7 36	12 46	9 0	9 13	16 11	16 30	3 46
T 3	5 23	17 24	5 14	6 26	0 31	21 29	2 5	21 47	2 51	21 47	0 37	19 50	1 33	2 35	0 48	15 57	1 42	7 36	12 46	9 0	9 12	16 12	16 31	3 46
F 4	5 46	15 16	5 16	7 23	0 20	21 48	2 9	21 42	2 49	21 46	0 37	19 52	1 33	2 36	0 48	15 57	1 42	7 36	12 46	9 0	9 11	16 12	16 32	3 46
S 5	6 9	12 23	5 0	8 19	0 10	22 6	2 12	21 36	2 47	21 46	0 37	19 53	1 33	2 36	0 48	15 58	1 42	7 37	12 46	9 0	9 10	16 13	16 33	3 46
S 6	6 32	8 55	4 29	9 16	0n 1	22 24	2 16	21 31	2 45	21 45	0 37	19 54	1 32	2 37	0 48	15 59	1 42	7 37	12 46	9 0	9 9	16 14	16 33	3 45
M 7	6 54	5 7	3 45	10 11	0 12	22 42	2 19	21 25	2 43	21 45	0 37	19 55	1 32	2 38	0 48	15 59	1 42	7 38	12 45	8 59	9 8	16 15	16 34	3 45
T 8	7 17	1 8	2 51	11 6	0 23	22 58	2 22	21 20	2 41	21 44	0 37	19 56	1 32	2 39	0 48	16 0	1 42	7 38	12 45	8 59	9 6	16 16	16 35	3 45
W 9	7 39	2s50	1 50	12 0	0 34	23 14	2 26	21 14	2 39	21 44	0 37	19 58	1 32	2 40	0 48	16 0	1 42	7 39	12 45	8 59	9 5	16 17	16 36	3 45
T 10	8 1	6 38	0 44	12 52	0 46	23 30	2 29	21 8	2 37	21 43	0 37	19 59	1 32	2 41	0 48	16 1	1 42	7 39	12 45	8 59	9 4	16 18	16 37	3 45
F 11	8 23	10 7	0n23	13 43	0 57	23 45	2 32	21 2	2 36	21 42	0 37	20 0	1 31	2 42	0 48	16 1	1 42	7 39	12 45	8 59	9 3	16 19	16 38	3 45
S 12	8 45	13 9	1 28	14 33	1 8	24 0	2 35	20 56	2 34	21 41	0 37	20 1	1 31	2 43	0 47	16 2	1 42	7 40	12 44	8 59	9 2	16 19	16 39	3 45
S 13	9 7	15 37	2 29	15 20	1 19	24 14	2 38	20 49	2 32	21 41	0 37	20 2	1 31	2 44	0 47	16 3	1 42	7 40	12 44	8 59	9 0	16 20	16 39	3 45
M14	9 29	17 24	3 23	16 6	1 29	24 27	2 41	20 43	2 30	21 40	0 37	20 4	1 31	2 44	0 47	16 3	1 42	7 41	12 44	8 59	8 59	16 21	16 40	3 45
T 15	9 50	18 26	4 9	16 49	1 39	24 40	2 44	20 36	2 28	21 39	0 37	20 5	1 31	2 45	0 47	16 4	1 42	7 41	12 44	8 59	8 58	16 22	16 41	3 45
W16	10 11	18 40	4 44	17 31	1 49	24 52	2 47	20 30	2 27	21 38	0 37	20 6	1 31	2 46	0 47	16 4	1 42	7 41	12 44	8 59	8 57	16 23	16 42	3 45
T 17	10 33	18 4	5 8	18 9	1 58	25 4	2 50	20 23	2 25	21 37	0 37	20 7	1 30	2 47	0 47	16 5	1 42	7 42	12 43	8 58	8 56	16 24	16 43	3 45
F 18	10 54	16 37	5 17	18 46	2 6	25 15	2 53	20 16	2 23	21 36	0 37	20 8	1 30	2 48	0 47	16 5	1 42	7 42	12 43	8 58	8 55	16 25	16 44	3 45
S 19	11 14	14 22	5 13	19 19	2 14	25 25	2 55	20 9	2 22	21 35	0 37	20 10	1 30	2 48	0 47	16 6	1 42	7 43	12 43	8 58	8 53	16 25	16 45	3 45
S 20	11 35	11 22	4 53	19 50	2 21	25 35	2 58	20 2	2 20	21 34	0 37	20 11	1 30	2 49	0 47	16 7	1 42	7 43	12 43	8 58	8 52	16 26	16 46	3 45
M21	11 55	7 43	4 17	20 19	2 27	25 44	3 0	19 55	2 18	21 33	0 37	20 12	1 30	2 50	0 47	16 7	1 42	7 43	12 43	8 59	8 51	16 27	16 46	3 44
T 22	12 16	3 33	3 25	20 45	2 32	25 53	3 2	19 48	2 17	21 32	0 36	20 13	1 30	2 51	0 47	16 8	1 42	7 44	12 43	8 59	8 50	16 28	16 47	3 44
W23	12 36	0n58	2 20	21 8	2 37	26 1	3 5	19 40	2 15	21 31	0 36	20 15	1 29	2 51	0 47	16 8	1 42	7 44	12 42	8 59	8 49	16 29	16 48	3 44
T 24	12 56	5 33	1 4	21 29	2 40	26 8	3 7	19 33	2 13	21 30	0 36	20 16	1 29	2 52	0 47	16 9	1 42	7 45	12 42	8 59	8 47	16 30	16 49	3 44
F 25	13 15	9 55	0s18	21 47	2 43	26 15	3 9	19 25	2 12	21 29	0 36	20 17	1 29	2 53	0 47	16 10	1 42	7 45	12 42	8 59	8 46	16 31	16 50	3 44
S 26	13 35	13 42	1 40	22 2	2 44	26 21	3 11	19 17	2 10	21 27	0 36	20 18	1 29	2 53	0 47	16 10	1 42	7 45	12 42	8 59	8 45	16 31	16 51	3 44
S 27	13 54	16 34	2 55	22 15	2 45	26 27	3 13	19 9	2 9	21 26	0 36	20 19	1 29	2 54	0 47	16 11	1 42	7 46	12 42	8 59	8 44	16 32	16 52	3 44
M28	14 13	18 16	3 58	22 26	2 44	26 32	3 14	19 1	2 7	21 25	0 36	20 21	1 29	2 55	0 47	16 11	1 42	7 46	12 42	8 58	8 43	16 33	16 53	3 44
T 29	14 31	18 41	4 43	22 34	2 42	26 36	3 16	18 53	2 5	21 24	0 36	20 22	1 28	2 55	0 47	16 12	1 42	7 46	12 42	8 58	8 42	16 34	16 53	3 44
W30	14n50	17n51	5s 9	22n40	2n40	26n40	3n17	18n45	2n 4	21n22	0n36	20n23	1s28	2n56	0n47	16n13	1s42	7n47	12s42	8s57	8s40	16s35	16n54	3s44

Julian Day Number = 2409267.5, Delta T = -4.39 sec
Ecliptic obliquity = 23°27'08, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°07'26, Lahiri = 22°14'26

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ASTRODIENST EPHEMERIS for the year 1884
geocentric

MAY 1884 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 37 18	10♉59'51	25♋ 6	0♊ 5	26♊26	13♌56	27♋ 5	9♊19	24°R24	20♉24	0♊14	22°R59	22♎13	26♏43	2♊ 3	T 1
F 2	14 41 15	11°58'01	8♌47	0°32	27°25	14°19	27°12	9°26	24♍23	20°26	0°15	22°D58	22°10	26°49	2° 8	F 2
S 3	14 45 11	12°56'09	22° 4	0°54	28°23	14°44	27°19	9°33	24°21	20°28	0°16	22♎58	22° 6	26°56	2°12	S 3
S 4	14 49 8	13°54'15	4♍59	1°11	29°21	15° 8	27°27	9°41	24°20	20°30	0°18	22°59	22° 3	27° 3	2°17	S 4
M 5	14 53 4	14°52'19	17°35	1°22	0♋18	15°33	27°34	9°48	24°19	20°33	0°19	23° 1	22° 0	27° 9	2°22	M 5
T 6	14 57 1	15°50'21	29°56	1°28	1°15	15°58	27°42	9°55	24°17	20°35	0°20	23° 2	21°57	27°16	2°26	T 6
W 7	15 0 57	16°48'21	12♎ 5	1°R29	2°12	16°23	27°50	10° 3	24°16	20°37	0°22	23° 4	21°54	27°23	2°31	W 7
T 8	15 4 54	17°46'19	24° 5	1°24	3° 7	16°49	27°58	10°10	24°15	20°39	0°23	23°R 4	21°51	27°29	2°35	T 8
F 9	15 8 51	18°44'16	5♏59	1°15	4° 3	17°15	28° 6	10°18	24°14	20°42	0°24	23° 3	21°47	27°36	2°40	F 9
S 10	15 12 47	19°42'11	17°50	1° 2	4°57	17°41	28°14	10°25	24°12	20°44	0°26	23° 1	21°44	27°43	2°44	S 10
S 11	15 16 44	20°40'05	29°40	0°44	5°52	18° 7	28°22	10°32	24°11	20°46	0°27	22°58	21°41	27°49	2°49	S 11
M12	15 20 40	21°37'57	11♐30	0°23	6°45	18°33	28°30	10°40	24°10	20°48	0°28	22°54	21°38	27°56	2°54	M12
T 13	15 24 37	22°35'48	23°23	29♑57	7°38	19° 0	28°39	10°47	24° 9	20°51	0°30	22°49	21°35	28° 3	2°58	T 13
W14	15 28 33	23°33'38	5♒20	29°29	8°30	19°27	28°48	10°55	24° 8	20°53	0°31	22°43	21°31	28° 9	3° 3	W14
T 15	15 32 30	24°31'26	17°26	28°59	9°22	19°54	28°56	11° 3	24° 7	20°55	0°32	22°39	21°28	28°16	3° 8	T 15
F 16	15 36 26	25°29'13	29°41	28°26	10°13	20°21	29° 5	11°10	24° 7	20°57	0°34	22°35	21°25	28°23	3°12	F 16
S 17	15 40 23	26°26'59	12♓11	27°52	11° 3	20°49	29°14	11°18	24° 6	21° 0	0°35	22°32	21°22	28°30	3°17	S 17
S 18	15 44 20	27°24'43	24°57	27°18	11°53	21°16	29°23	11°25	24° 5	21° 2	0°36	22°D31	21°19	28°36	3°22	S 18
M19	15 48 16	28°22'27	8♈ 4	26°43	12°42	21°44	29°32	11°33	24° 4	21° 4	0°38	22°32	21°16	28°43	3°27	M19
T 20	15 52 13	29°20'09	21°35	26° 9	13°30	22°12	29°42	11°41	24° 4	21° 6	0°39	22°33	21°12	28°50	3°31	T 20
W21	15 56 9	0♊17'51	5♈32	25°36	14°17	22°40	29°51	11°48	24° 3	21° 9	0°40	22°34	21° 9	28°56	3°36	W21
T 22	16 0 6	1°15'31	19°54	25° 4	15° 4	23° 9	0♌ 0	11°56	24° 3	21°11	0°42	22°R35	21° 6	29° 3	3°41	T 22
F 23	16 4 2	2°13'11	4♉40	24°35	15°49	23°37	0°10	12° 4	24° 2	21°13	0°43	22°35	21° 3	29°10	3°45	F 23
S 24	16 7 59	3°10'49	19°44	24° 8	16°34	24° 6	0°20	12°12	24° 2	21°15	0°44	22°32	21° 0	29°16	3°50	S 24
S 25	16 11 55	4° 8'26	4♊58	23°44	17°18	24°35	0°30	12°19	24° 1	21°17	0°46	22°28	20°57	29°23	3°55	S 25
M26	16 15 52	5° 6'03	20°12	23°23	18° 0	25° 4	0°39	12°27	24° 1	21°20	0°47	22°23	20°53	29°30	4° 0	M26
T 27	16 19 49	6° 3'38	5♋15	23° 7	18°42	25°34	0°49	12°35	24° 1	21°22	0°49	22°16	20°50	29°36	4° 4	T 27
W28	16 23 45	7° 1'11	19°58	22°54	19°23	26° 3	1° 0	12°43	24° 1	21°24	0°50	22°10	20°47	29°43	4° 9	W28
T 29	16 27 42	7°58'44	4♌16	22°45	20° 3	26°33	1°10	12°50	24° 0	21°26	0°51	22° 4	20°44	29°50	4°14	T 29
F 30	16 31 38	8°56'15	18° 5	22°41	20°41	27° 3	1°20	12°58	24° 0	21°28	0°53	22° 1	20°41	29°56	4°19	F 30
S 31	16 35 35	9♊53'44	1♍25	22°D41	21♋18	27♌33	1♌30	13♊ 6	24♍ 0	21♉31	0♊54	21♎59	20♎37	0♐ 3	4♊23	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	☊	⚷		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 8	15n56	5s16	22n43	2n36	26n43	3n19	18n37	2n 2	21n21	0n36	20n24	1s28	2n57	0n47	16n13	1s42	7n47	12s41	8s56	8s39	16s35	16n55	3s44
F 2	15 26	13 10	5 4	22 44	2 31	26 46	3 20	18 28	2 1	21 20	0 36	20 26	1 28	2 57	0 47	16 14	1 42	7 48	12 41	8 56	8 38	16 36	16 56	3 44
S 3	15 44	9 48	4 37	22 42	2 24	26 48	3 21	18 20	1 59	21 18	0 36	20 27	1 28	2 58	0 47	16 14	1 42	7 48	12 41	8 56	8 37	16 37	16 57	3 44
S 4	16 1	6 2	3 55	22 38	2 17	26 49	3 22	18 11	1 58	21 17	0 36	20 28	1 28	2 58	0 47	16 15	1 42	7 48	12 41	8 57	8 36	16 38	16 58	3 44
M 5	16 18	2 6	3 4	22 32	2 8	26 50	3 23	18 2	1 57	21 15	0 36	20 29	1 28	2 59	0 47	16 16	1 42	7 49	12 41	8 57	8 34	16 39	16 59	3 44
T 6	16 35	1s52	2 4	22 24	1 58	26 50	3 24	17 53	1 55	21 14	0 36	20 30	1 28	2 59	0 47	16 16	1 42	7 49	12 41	8 58	8 33	16 39	16 59	3 44
W 7	16 52	5 42	1 0	22 13	1 48	26 50	3 24	17 44	1 54	21 12	0 36	20 32	1 27	3 0	0 47	16 17	1 42	7 49	12 41	8 58	8 32	16 40	17 0	3 44
T 8	17 8	9 16	0n 6	22 1	1 36	26 49	3 25	17 35	1 52	21 10	0 36	20 33	1 27	3 0	0 47	16 17	1 42	7 50	12 41	8 58	8 31	16 41	17 1	3 44
F 9	17 24	12 25	1 11	21 46	1 23	26 48	3 25	17 26	1 51	21 9	0 36	20 34	1 27	3 1	0 47	16 18	1 42	7 50	12 41	8 58	8 30	16 42	17 2	3 44
S 10	17 40	15 3	2 12	21 30	1 9	26 46	3 25	17 17	1 49	21 7	0 36	20 35	1 27	3 1	0 47	16 19	1 42	7 50	12 40	8 57	8 29	16 43	17 3	3 44
S 11	17 56	17 2	3 8	21 12	0 54	26 44	3 25	17 7	1 48	21 6	0 36	20 36	1 27	3 1	0 47	16 19	1 42	7 51	12 40	8 56	8 27	16 43	17 4	3 44
M12	18 11	18 17	3 55	20 52	0 38	26 41	3 24	16 58	1 47	21 4	0 36	20 38	1 27	3 2	0 47	16 20	1 42	7 51	12 40	8 54	8 26	16 44	17 5	3 45
T 13	18 26	18 45	4 32	20 30	0 22	26 38	3 24	16 48	1 45	21 2	0 36	20 39	1 27	3 2	0 46	16 20	1 42	7 51	12 40	8 53	8 25	16 45	17 5	3 45
W14	18 40	18 23	4 58	20 8	0 5	26 34	3 23	16 39	1 44	21 0	0 36	20 40	1 27	3 2	0 46	16 21	1 42	7 52	12 40	8 51	8 24	16 46	17 6	3 45
T 15	18 55	17 10	5 11	19 45	0s12	26 29	3 23	16 29	1 43	20 59	0 36	20 41	1 26	3 3	0 46	16 22	1 42	7 52	12 40	8 49	8 23	16 46	17 7	3 45
F 16	19 9	15 10	5 10	19 20	0 30	26 25	3 22	16 19	1 41	20 57	0 36	20 42	1 26	3 3	0 46	16 22	1 42	7 52	12 40	8 47	8 21	16 47	17 8	3 45
S 17	19 22	12 26	4 54	18 56	0 47	26 19	3 21	16 9	1 40	20 55	0 36	20 43	1 26	3 3	0 46	16 23	1 42	7 53	12 40	8 46	8 20	16 48	17 9	3 45
S 18	19 36	9 4	4 24	18 31	1 5	26 14	3 19	15 59	1 39	20 53	0 36	20 44	1 26	3 4	0 46	16 23	1 42	7 53	12 40	8 46	8 19	16 49	17 10	3 45
M19	19 49	5 9	3 39	18 6	1 22	26 7	3 18	15 48	1 38	20 51	0 36	20 46	1 26	3 4	0 46	16 24	1 42	7 53	12 40	8 46	8 18	16 49	17 10	3 45
T 20	20 1	0 52	2 41	17 42	1 39	26 1	3 16	15 38	1 36	20 49	0 36	20 47	1 26	3 4	0 46	16 24	1 42	7 54	12 40	8 47	8 17	16 50	17 11	3 45
W21	20 13	3n36	1 32	17 18	1 55	25 54	3 14	15 28	1 35	20 47	0 36	20 48	1 26	3 4	0 46	16 25	1 42	7 54	12 40	8 47	8 15	16 51	17 12	3 45
T 22	20 25	8 1	0 15	16 56	2 11	25 46	3 12	15 17	1 34	20 45	0 36	20 49	1 26	3 4	0 46	16 26	1 42	7 54	12 40	8 47	8 14	16 52	17 13	3 45
F 23	20 37	12 4	1s 5	16 34	2 26	25 39	3 9	15 6	1 33	20 43	0 36	20 50	1 26	3 4	0 46	16 26	1 42	7 54	12 40	8 47	8 13	16 52	17 14	3 45
S 24	20 48	15 24	2 22	16 14	2 40	25 31	3 7	14 56	1 31	20 41	0 36	20 51	1 26	3 5	0 46	16 27	1 42	7 55	12 40	8 46	8 12	16 53	17 14	3 45
S 25	20 59	17 42	3 30	15 56	2 52	25 22	3 4	14 45	1 30	20 39	0 36	20 52	1 25	3 5	0 46	16 27	1 42	7 55	12 40	8 45	8 11	16 54	17 15	3 45
M26	21 10	18 44	4 22	15 39	3 4	25 13	3 0	14 34	1 29	20 37	0 36	20 53	1 25	3 5	0 46	16 28	1 42	7 55	12 40	8 43	8 9	16 55	17 16	3 45
T 27	21 20	18 25	4 56	15 25	3 15	25 4	2 57	14 23	1 28	20 35	0 36	20 54	1 25	3 5	0 46	16 28	1 42	7 56	12 40	8 40	8 8	16 55	17 17	3 46
W28	21 30	16 52	5 9	15 12	3 25	24 55	2 53	14 12	1 26	20 32	0 36	20 55	1 25	3 5	0 46	16 29	1 42	7 56	12 40	8 38	8 7	16 56	17 17	3 46
T 29	21 39	14 18	5 2	15 2	3 33	24 45	2 50	14 1	1 25	20 30	0 36	20 57	1 25	3 5	0 46	16 30	1 42	7 56	12 40	8 36	8 6	16 57	17 18	3 46
F 30	21 48	11 0	4 38	14 54	3 40	24 35	2 45	13 49	1 24	20 28	0 36	20 58	1 25	3 5	0 46	16 30	1 42	7 56	12 40	8 35	8 5	16 58	17 19	3 46
S 31	21n57	7n15	3s59	14n48	3s46	24n25	2n41	13n38	1n23	20n26	0n36	20n59	1s25	3n 5	0n46	16n31	1s42	7n57	12s40	8s34	8s 4	16s58	17n20	3s46

Julian Day Number = 2409297.5, Delta T = -4.39 sec
Ecliptic obliquity = 23°27'07, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°07'30, Lahiri = 22°14'30

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ASTRODIENST EPHEMERIS for the year 1884
geocentric

JUNE 1884 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 39 31	10♊51'12	14♍20	22♉45	21♋54	28♌ 3	1♌41	13♊14	24°D 0	21♉33	0♊55	21°D58	20♎34	0♐10	4♊28	S 1
M 2	16 43 28	11°48'39	26°52	22°54	22°29	28°33	1°51	13°22	24♍ 0	21°35	0°57	21♎59	20°31	0°16	4°33	M 2
T 3	16 47 24	12°46'05	9♎ 7	23° 7	23° 3	29° 4	2° 2	13°29	24° 0	21°37	0°58	22° 0	20°28	0°23	4°37	T 3
W 4	16 51 21	13°43'30	21° 9	23°25	23°35	29°34	2°13	13°37	24° 1	21°39	0°59	22°R 1	20°25	0°30	4°42	W 4
T 5	16 55 18	14°40'53	3♏ 3	23°48	24° 6	0♍ 5	2°23	13°45	24° 1	21°41	1° 1	22° 0	20°22	0°36	4°47	T 5
F 6	16 59 14	15°38'16	14°52	24°14	24°35	0°36	2°34	13°53	24° 1	21°43	1° 2	21°58	20°18	0°43	4°52	F 6
S 7	17 3 11	16°35'37	26°41	24°45	25° 2	1° 7	2°45	14° 1	24° 1	21°45	1° 3	21°53	20°15	0°50	4°56	S 7
S 8	17 7 7	17°32'58	8♐31	25°20	25°28	1°38	2°56	14° 8	24° 2	21°48	1° 5	21°45	20°12	0°56	5° 1	S 8
M 9	17 11 4	18°30'18	20°25	26° 0	25°53	2° 9	3° 7	14°16	24° 2	21°50	1° 6	21°36	20° 9	1° 3	5° 6	M 9
T 10	17 15 0	19°27'37	2♑24	26°43	26°16	2°41	3°18	14°24	24° 3	21°52	1° 7	21°26	20° 6	1°10	5°10	T 10
W11	17 18 57	20°24'56	14°30	27°30	26°36	3°12	3°29	14°32	24° 3	21°54	1° 9	21°15	20° 3	1°16	5°15	W11
T 12	17 22 53	21°22'14	26°44	28°21	26°56	3°44	3°41	14°39	24° 4	21°56	1°10	21° 5	19°59	1°23	5°19	T 12
F 13	17 26 50	22°19'31	9♒ 8	29°16	27°13	4°16	3°52	14°47	24° 4	21°58	1°11	20°56	19°56	1°30	5°24	F 13
S 14	17 30 47	23°16'48	21°44	0♊15	27°28	4°48	4° 3	14°55	24° 5	22° 0	1°12	20°50	19°53	1°36	5°29	S 14
S 15	17 34 43	24°14'04	4♓33	1°17	27°41	5°20	4°15	15° 3	24° 6	22° 2	1°14	20°46	19°50	1°43	5°33	S 15
M16	17 38 40	25°11'21	17°39	2°23	27°53	5°52	4°27	15°10	24° 7	22° 4	1°15	20°44	19°47	1°50	5°38	M16
T 17	17 42 36	26° 8'37	1♈ 5	3°33	28° 2	6°25	4°38	15°18	24° 7	22° 6	1°16	20°D44	19°43	1°56	5°42	T 17
W18	17 46 33	27° 5'53	14°52	4°46	28° 9	6°57	4°50	15°26	24° 8	22° 8	1°17	20°R44	19°40	2° 3	5°47	W18
T 19	17 50 29	28° 3'08	29° 2	6° 3	28°14	7°30	5° 2	15°34	24° 9	22° 9	1°19	20°44	19°37	2°10	5°51	T 19
F 20	17 54 26	29° 0'24	13♉34	7°22	28°16	8° 2	5°13	15°41	24°10	22°11	1°20	20°42	19°34	2°17	5°56	F 20
S 21	17 58 22	29°57'39	28°25	8°46	28°R16	8°35	5°25	15°49	24°11	22°13	1°21	20°38	19°31	2°23	6° 0	S 21
S 22	18 2 19	0♋54'54	13♊29	10°12	28°14	9° 8	5°37	15°57	24°12	22°15	1°22	20°31	19°28	2°30	6° 5	S 22
M23	18 6 16	1°52'10	28°36	11°42	28°10	9°41	5°49	16° 4	24°14	22°17	1°24	20°23	19°24	2°37	6° 9	M23
T 24	18 10 12	2°49'24	13♋37	13°16	28° 3	10°14	6° 1	16°12	24°15	22°19	1°25	20°12	19°21	2°43	6°14	T 24
W25	18 14 9	3°46'39	28°23	14°52	27°54	10°48	6°13	16°19	24°16	22°21	1°26	20° 2	19°18	2°50	6°18	W25
T 26	18 18 5	4°43'53	12♌44	16°32	27°42	11°21	6°25	16°27	24°17	22°22	1°27	19°53	19°15	2°57	6°22	T 26
F 27	18 22 2	5°41'06	26°39	18°14	27°28	11°55	6°37	16°34	24°19	22°24	1°28	19°46	19°12	3° 3	6°27	F 27
S 28	18 25 58	6°38'19	10♍ 3	20° 0	27°12	12°28	6°50	16°42	24°20	22°26	1°29	19°41	19° 9	3°10	6°31	S 28
S 29	18 29 55	7°35'32	23° 1	21°49	26°53	13° 2	7° 2	16°49	24°21	22°28	1°31	19°39	19° 5	3°17	6°35	S 29
M30	18 33 51	8♋32'44	5♎35	23♊40	26♋32	13♍36	7♌14	16♊57	24♍23	22♉29	1♊32	19°D38	19♎ 2	3♐23	6♊39	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 5	3n16	3s 9	14n45	3s51	24n14	2n36	13n26	1n22	20n23	0n36	21n 0	1s25	3n 5	0n46	16n31	1s42	7n57	12s40	8s34	8s 2	16s59	17n20	3s46
M 2	22 13	0s46	2 12	14 43	3 55	24 4	2 31	13 15	1 21	20 21	0 36	21 1	1 25	3 5	0 46	16 32	1 42	7 57	12 40	8 34	8 1	17 0	17 21	3 46
T 3	22 20	4 40	1 9	14 44	3 57	23 53	2 26	13 3	1 20	20 19	0 36	21 2	1 25	3 5	0 46	16 32	1 42	7 57	12 40	8 35	8 0	17 0	17 22	3 46
W 4	22 28	8 20	0 5	14 47	3 59	23 42	2 20	12 51	1 18	20 16	0 36	21 3	1 25	3 5	0 46	16 33	1 42	7 58	12 40	8 35	7 59	17 1	17 23	3 46
T 5	22 34	11 37	0n59	14 52	3 59	23 30	2 14	12 39	1 17	20 14	0 36	21 4	1 25	3 5	0 46	16 33	1 42	7 58	12 40	8 35	7 58	17 2	17 23	3 47
F 6	22 41	14 24	2 0	14 59	3 59	23 19	2 8	12 27	1 16	20 11	0 36	21 5	1 25	3 4	0 45	16 34	1 42	7 58	12 40	8 34	7 56	17 3	17 24	3 47
S 7	22 47	16 35	2 55	15 8	3 57	23 8	2 2	12 15	1 15	20 9	0 36	21 6	1 24	3 4	0 45	16 34	1 42	7 58	12 40	8 32	7 55	17 3	17 25	3 47
S 8	22 52	18 4	3 43	15 18	3 55	22 56	1 55	12 3	1 14	20 6	0 36	21 7	1 24	3 4	0 45	16 35	1 42	7 58	12 40	8 29	7 54	17 4	17 25	3 47
M 9	22 57	18 46	4 21	15 31	3 52	22 44	1 47	11 51	1 13	20 4	0 37	21 8	1 24	3 4	0 45	16 35	1 42	7 59	12 40	8 26	7 53	17 5	17 26	3 47
T 10	23 2	18 38	4 48	15 44	3 48	22 33	1 40	11 38	1 12	20 1	0 37	21 9	1 24	3 4	0 45	16 36	1 42	7 59	12 40	8 22	7 52	17 5	17 27	3 47
W11	23 6	17 39	5 2	16 0	3 43	22 21	1 32	11 26	1 11	19 59	0 37	21 10	1 24	3 3	0 45	16 36	1 42	7 59	12 40	8 18	7 50	17 6	17 27	3 47
T 12	23 10	15 52	5 3	16 17	3 37	22 9	1 24	11 14	1 10	19 56	0 37	21 10	1 24	3 3	0 45	16 37	1 42	7 59	12 40	8 14	7 49	17 7	17 28	3 48
F 13	23 14	13 20	4 49	16 34	3 31	21 57	1 15	11 1	1 9	19 53	0 37	21 11	1 24	3 3	0 45	16 37	1 42	7 59	12 40	8 11	7 48	17 7	17 29	3 48
S 14	23 17	10 8	4 22	16 54	3 24	21 45	1 6	10 48	1 8	19 51	0 37	21 12	1 24	3 3	0 45	16 38	1 42	8 0	12 40	8 8	7 47	17 8	17 29	3 48
S 15	23 20	6 25	3 40	17 14	3 16	21 33	0 56	10 35	1 7	19 48	0 37	21 13	1 24	3 2	0 45	16 38	1 42	8 0	12 40	8 7	7 46	17 9	17 30	3 48
M16	23 22	2 19	2 47	17 35	3 8	21 22	0 47	10 23	1 5	19 45	0 37	21 14	1 24	3 2	0 45	16 39	1 42	8 0	12 40	8 6	7 44	17 9	17 31	3 48
T 17	23 24	2n 0	1 43	17 56	2 59	21 10	0 37	10 10	1 4	19 42	0 37	21 15	1 24	3 1	0 45	16 39	1 42	8 0	12 40	8 6	7 43	17 10	17 31	3 48
W18	23 25	6 20	0 31	18 19	2 50	20 58	0 26	9 57	1 3	19 40	0 37	21 16	1 24	3 1	0 45	16 40	1 42	8 0	12 41	8 6	7 42	17 11	17 32	3 49
T 19	23 26	10 27	0s44	18 42	2 40	20 46	0 15	9 44	1 2	19 37	0 37	21 17	1 24	3 1	0 45	16 40	1 42	8 0	12 41	8 6	7 41	17 11	17 32	3 49
F 20	23 27	14 2	1 58	19 5	2 30	20 35	0 4	9 30	1 1	19 34	0 37	21 18	1 24	3 0	0 45	16 41	1 42	8 1	12 41	8 5	7 40	17 12	17 33	3 49
S 21	23 27	16 47	3 6	19 29	2 19	20 24	0s 8	9 17	1 0	19 31	0 37	21 18	1 24	3 0	0 45	16 41	1 42	8 1	12 41	8 4	7 38	17 13	17 34	3 49
S 22	23 27	18 26	4 2	19 52	2 9	20 12	0 20	9 4	0 59	19 28	0 37	21 19	1 24	2 59	0 45	16 42	1 42	8 1	12 41	8 1	7 37	17 13	17 34	3 49
M23	23 26	18 46	4 41	20 16	1 57	20 1	0 32	8 51	0 58	19 25	0 37	21 20	1 24	2 59	0 45	16 42	1 42	8 1	12 41	7 58	7 36	17 14	17 35	3 49
T 24	23 25	17 47	5 0	20 39	1 46	19 50	0 45	8 37	0 57	19 22	0 37	21 21	1 24	2 58	0 45	16 42	1 42	8 1	12 41	7 54	7 35	17 15	17 35	3 50
W25	23 24	15 37	4 59	21 2	1 34	19 39	0 57	8 24	0 56	19 19	0 37	21 22	1 24	2 58	0 45	16 43	1 42	8 1	12 41	7 50	7 34	17 15	17 36	3 50
T 26	23 22	12 32	4 39	21 24	1 22	19 29	1 11	8 10	0 55	19 16	0 37	21 22	1 24	2 57	0 45	16 43	1 42	8 1	12 41	7 47	7 32	17 16	17 36	3 50
F 27	23 20	8 50	4 2	21 46	1 10	19 18	1 24	7 56	0 54	19 13	0 37	21 23	1 24	2 57	0 45	16 44	1 43	8 1	12 41	7 44	7 31	17 16	17 37	3 50
S 28	23 17	4 49	3 14	22 7	0 58	19 8	1 38	7 42	0 54	19 10	0 37	21 24	1 24	2 56	0 45	16 44	1 43	8 2	12 42	7 42	7 30	17 17	17 37	3 51
S 29	23 14	0 41	2 16	22 26	0 46	18 58	1 52	7 29	0 53	19 7	0 37	21 25	1 24	2 55	0 44	16 44	1 43	8 2	12 42	7 41	7 29	17 18	17 38	3 51
M30	23n11	3s21	1s14	22n44	0s34	18n48	2s 6	7n15	0n52	19n 4	0n37	21n26	1s24	2n55	0n44	16n45	1s43	8n 2	12s42	7s41	7s27	17s18	17n38	3s51

Julian Day Number = 2409328.5, Delta T = -4.40 sec
Ecliptic obliquity = 23°27'06, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°07'34, Lahiri = 22°14'35

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ASTRODIENST EPHEMERIS for the year 1884
geocentric

JULY 1884 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 37 48	9♋29'56	17♎49	25♊35	26°R 9	14♍10	7♌27	17♊ 4	24♍25	22♉31	1♊33	19°R38	18♎59	3♐30	6♊44	T 1
W 2	18 41 45	10°27'08	29°50	27°32	25♋44	14°44	7°39	17°12	24°26	22°33	1°34	19♎38	18°56	3°37	6°48	W 2
T 3	18 45 41	11°24'19	11♏43	29°31	25°17	15°18	7°51	17°19	24°28	22°34	1°35	19°36	18°53	3°43	6°52	T 3
F 4	18 49 38	12°21'30	23°32	1♌32	24°47	15°52	8° 4	17°26	24°30	22°36	1°36	19°32	18°49	3°50	6°56	F 4
S 5	18 53 34	13°18'41	5♐21	3°36	24°16	16°27	8°16	17°34	24°31	22°37	1°37	19°26	18°46	3°57	7° 0	S 5
S 6	18 57 31	14°15'52	17°15	5°41	23°44	17° 1	8°29	17°41	24°33	22°39	1°38	19°17	18°43	4° 3	7° 4	S 6
M 7	19 1 27	15°13'03	29°15	7°48	23°10	17°36	8°42	17°48	24°35	22°40	1°39	19° 5	18°40	4°10	7° 8	M 7
T 8	19 5 24	16°10'14	11♑23	9°55	22°35	18°10	8°54	17°55	24°37	22°42	1°40	18°52	18°37	4°17	7°12	T 8
W 9	19 9 21	17° 7'26	23°41	12° 4	21°59	18°45	9° 7	18° 3	24°39	22°43	1°41	18°39	18°34	4°24	7°16	W 9
T 10	19 13 17	18° 4'37	6♒ 9	14°13	21°22	19°20	9°20	18°10	24°41	22°45	1°42	18°26	18°30	4°30	7°20	T 10
F 11	19 17 14	19° 1'49	18°47	16°22	20°45	19°55	9°32	18°17	24°43	22°46	1°43	18°15	18°27	4°37	7°24	F 11
S 12	19 21 10	19°59'01	1♓37	18°31	20° 8	20°30	9°45	18°24	24°45	22°48	1°44	18° 7	18°24	4°44	7°28	S 12
S 13	19 25 7	20°56'14	14°38	20°40	19°30	21° 5	9°58	18°31	24°47	22°49	1°45	18° 1	18°21	4°50	7°32	S 13
M14	19 29 3	21°53'27	27°52	22°49	18°53	21°40	10°11	18°38	24°49	22°51	1°46	17°58	18°18	4°57	7°36	M14
T 15	19 33 0	22°50'41	11♈20	24°57	18°16	22°16	10°24	18°45	24°51	22°52	1°47	17°57	18°15	5° 4	7°39	T 15
W16	19 36 56	23°47'55	25° 4	27° 3	17°40	22°51	10°36	18°52	24°53	22°53	1°48	17°57	18°11	5°10	7°43	W16
T 17	19 40 53	24°45'10	9♉ 5	29° 9	17° 5	23°26	10°49	18°59	24°56	22°54	1°49	17°57	18° 8	5°17	7°47	T 17
F 18	19 44 49	25°42'26	23°22	1♌13	16°30	24° 2	11° 2	19° 5	24°58	22°56	1°50	17°55	18° 5	5°24	7°50	F 18
S 19	19 48 46	26°39'43	7♊55	3°16	15°58	24°38	11°15	19°12	25° 0	22°57	1°51	17°51	18° 2	5°30	7°54	S 19
S 20	19 52 43	27°37'01	22°39	5°18	15°26	25°14	11°28	19°19	25° 3	22°58	1°51	17°44	17°59	5°37	7°57	S 20
M21	19 56 39	28°34'20	7♋27	7°18	14°57	25°49	11°41	19°26	25° 5	22°59	1°52	17°34	17°55	5°44	8° 1	M21
T 22	20 0 36	29°31'39	22°11	9°16	14°29	26°25	11°54	19°32	25° 8	23° 0	1°53	17°24	17°52	5°50	8° 4	T 22
W23	20 4 32	0♌28'59	6♌44	11°13	14° 3	27° 1	12° 7	19°39	25°10	23° 2	1°54	17°13	17°49	5°57	8° 8	W23
T 24	20 8 29	1°26'19	20°58	13° 8	13°39	27°38	12°20	19°45	25°13	23° 3	1°55	17° 3	17°46	6° 4	8°11	T 24
F 25	20 12 25	2°23'40	4♍48	15° 1	13°18	28°14	12°33	19°52	25°15	23° 4	1°55	16°55	17°43	6°11	8°14	F 25
S 26	20 16 22	3°21'01	18°12	16°53	12°58	28°50	12°47	19°58	25°18	23° 5	1°56	16°49	17°40	6°17	8°18	S 26
S 27	20 20 19	4°18'23	1♎11	18°43	12°41	29°27	13° 0	20° 5	25°21	23° 6	1°57	16°46	17°36	6°24	8°21	S 27
M28	20 24 15	5°15'46	13°46	20°31	12°26	0♎ 3	13°13	20°11	25°24	23° 7	1°58	16°D46	17°33	6°31	8°24	M28
T 29	20 28 12	6°13'09	26° 3	22°18	12°14	0°40	13°26	20°17	25°26	23° 8	1°58	16°46	17°30	6°37	8°27	T 29
W30	20 32 8	7°10'33	8♏ 5	24° 3	12° 4	1°16	13°39	20°23	25°29	23° 9	1°59	16°R46	17°27	6°44	8°30	W30
T 31	20 36 5	8♌ 7'57	19♏59	25♌46	11♋56	1♎53	13♌52	20♊29	25♍32	23♉ 9	2♊ 0	16♎45	17♎24	6♐51	8♊33	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 7	7s 9	0s10	23n 1	0s22	18n38	2s20	7n 1	0n51	19n 1	0n37	21n26	1s24	2n54	0n44	16n45	1s43	8n 2	12s42	7s41	7s26	17s19	17n39	3s51
W 2	23 2	10 35	0n54	23 15	0 10	18 29	2 34	6 47	0 50	18 58	0 37	21 27	1 24	2 53	0 44	16 46	1 43	8 2	12 42	7 41	7 25	17 20	17 39	3 51
T 3	22 58	13 33	1 54	23 28	0n 1	18 20	2 48	6 33	0 49	18 55	0 37	21 28	1 23	2 53	0 44	16 46	1 43	8 2	12 42	7 40	7 24	17 20	17 40	3 52
F 4	22 53	15 56	2 49	23 39	0 12	18 11	3 2	6 19	0 48	18 52	0 37	21 28	1 23	2 52	0 44	16 46	1 43	8 2	12 42	7 39	7 23	17 21	17 40	3 52
S 5	22 47	17 39	3 37	23 47	0 23	18 3	3 17	6 4	0 47	18 48	0 37	21 29	1 23	2 51	0 44	16 47	1 43	8 2	12 42	7 36	7 21	17 21	17 40	3 52
S 6	22 41	18 36	4 15	23 53	0 34	17 54	3 31	5 50	0 46	18 45	0 37	21 30	1 23	2 51	0 44	16 47	1 43	8 2	12 43	7 33	7 20	17 22	17 41	3 52
M 7	22 35	18 44	4 43	23 57	0 43	17 46	3 44	5 36	0 45	18 42	0 37	21 30	1 23	2 50	0 44	16 47	1 43	8 2	12 43	7 29	7 19	17 23	17 41	3 53
T 8	22 28	18 1	4 57	23 57	0 53	17 39	3 58	5 21	0 44	18 38	0 37	21 31	1 23	2 49	0 44	16 48	1 43	8 2	12 43	7 24	7 18	17 23	17 42	3 53
W 9	22 21	16 28	4 59	23 55	1 1	17 31	4 11	5 7	0 43	18 35	0 37	21 32	1 23	2 48	0 44	16 48	1 43	8 2	12 43	7 19	7 17	17 24	17 42	3 53
T 10	22 14	14 7	4 46	23 51	1 9	17 24	4 24	4 52	0 42	18 32	0 37	21 32	1 23	2 47	0 44	16 48	1 43	8 2	12 43	7 14	7 15	17 24	17 42	3 53
F 11	22 6	11 6	4 19	23 43	1 17	17 18	4 36	4 38	0 41	18 29	0 37	21 33	1 23	2 47	0 44	16 49	1 43	8 2	12 43	7 10	7 14	17 25	17 43	3 54
S 12	21 58	7 30	3 39	23 33	1 23	17 11	4 48	4 23	0 41	18 25	0 38	21 34	1 23	2 46	0 44	16 49	1 43	8 2	12 43	7 6	7 13	17 26	17 43	3 54
S 13	21 49	3 30	2 46	23 20	1 29	17 5	5 0	4 9	0 40	18 22	0 38	21 34	1 23	2 45	0 44	16 49	1 43	8 2	12 44	7 4	7 12	17 26	17 44	3 54
M14	21 40	0n44	1 44	23 4	1 34	16 59	5 11	3 54	0 39	18 18	0 38	21 35	1 23	2 44	0 44	16 50	1 43	8 2	12 44	7 3	7 11	17 27	17 44	3 54
T 15	21 31	5 1	0 35	22 46	1 38	16 54	5 21	3 39	0 38	18 15	0 38	21 35	1 23	2 43	0 44	16 50	1 43	8 2	12 44	7 3	7 9	17 27	17 44	3 55
W16	21 21	9 7	0s38	22 25	1 42	16 49	5 31	3 24	0 37	18 11	0 38	21 36	1 23	2 42	0 44	16 50	1 43	8 2	12 44	7 3	7 8	17 28	17 44	3 55
T 17	21 11	12 48	1 49	22 2	1 44	16 45	5 40	3 10	0 36	18 8	0 38	21 36	1 23	2 41	0 44	16 51	1 43	8 2	12 44	7 3	7 7	17 29	17 45	3 55
F 18	21 1	15 47	2 56	21 38	1 46	16 41	5 48	2 55	0 35	18 4	0 38	21 37	1 23	2 40	0 44	16 51	1 43	8 2	12 45	7 2	7 6	17 29	17 45	3 56
S 19	20 50	17 50	3 52	21 11	1 48	16 37	5 55	2 40	0 34	18 1	0 38	21 38	1 23	2 39	0 44	16 51	1 43	8 2	12 45	7 0	7 5	17 30	17 45	3 56
S 20	20 39	18 42	4 33	20 42	1 48	16 33	6 2	2 25	0 34	17 57	0 38	21 38	1 24	2 38	0 44	16 51	1 44	8 2	12 45	6 58	7 3	17 30	17 46	3 56
M21	20 27	18 18	4 57	20 12	1 48	16 31	6 8	2 10	0 33	17 54	0 38	21 39	1 24	2 37	0 44	16 52	1 44	8 2	12 45	6 54	7 2	17 31	17 46	3 56
T 22	20 16	16 41	5 0	19 40	1 47	16 28	6 14	1 55	0 32	17 50	0 38	21 39	1 24	2 36	0 44	16 52	1 44	8 2	12 45	6 50	7 1	17 31	17 46	3 57
W23	20 3	14 1	4 44	19 7	1 46	16 26	6 19	1 40	0 31	17 47	0 38	21 40	1 24	2 35	0 44	16 52	1 44	8 2	12 45	6 46	7 0	17 32	17 46	3 57
T 24	19 51	10 33	4 11	18 33	1 44	16 24	6 23	1 24	0 30	17 43	0 38	21 40	1 24	2 34	0 44	16 52	1 44	8 2	12 46	6 42	6 58	17 32	17 47	3 57
F 25	19 38	6 36	3 23	17 57	1 41	16 23	6 26	1 9	0 29	17 39	0 38	21 40	1 24	2 33	0 44	16 52	1 44	8 2	12 46	6 39	6 57	17 33	17 47	3 58
S 26	19 25	2 26	2 25	17 21	1 38	16 22	6 29	0 54	0 29	17 36	0 38	21 41	1 24	2 32	0 43	16 53	1 44	8 2	12 46	6 37	6 56	17 34	17 47	3 58
S 27	19 12	1s43	1 22	16 43	1 35	16 21	6 31	0 39	0 28	17 32	0 38	21 41	1 24	2 31	0 43	16 53	1 44	8 2	12 46	6 36	6 55	17 34	17 47	3 58
M28	18 58	5 41	0 16	16 5	1 30	16 21	6 33	0 23	0 27	17 28	0 38	21 42	1 24	2 30	0 43	16 53	1 44	8 2	12 46	6 35	6 54	17 35	17 47	3 59
T 29	18 44	9 18	0n49	15 26	1 26	16 21	6 33	0 8	0 26	17 25	0 38	21 42	1 24	2 29	0 43	16 53	1 44	8 2	12 47	6 35	6 52	17 35	17 47	3 59
W30	18 29	12 28	1 51	14 47	1 21	16 22	6 34	0s 7	0 25	17 21	0 38	21 43	1 24	2 28	0 43	16 53	1 44	8 2	12 47	6 36	6 51	17 36	17 48	3 59
T 31	18n15	15s 4	2n47	14n 7	1n15	16n23	6s34	0s23	0n24	17n17	0n39	21n43	1s24	2n26	0n43	16n54	1s44	8n 2	12s47	6s35	6s50	17s36	17n48	4s 0

Julian Day Number = 2409358.5, Delta T = -4.40 sec
Ecliptic obliquity = 23°27'06, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°07'38, Lahiri = 22°14'39

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ASTRODIENST EPHEMERIS for the year 1884
geocentric

AUGUST 1884 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 40 1	9♌ 5'22	1♐49	27♌28	11°R51	2♎30	14♌ 5	20♊35	25♍35	23♉10	2♊ 0	16°R43	17♎20	6♐57	8♊36	F 1
S 2	20 43 58	10° 2'47	13°40	29° 8	11♋48	3° 7	14°18	20°41	25°38	23°11	2° 1	16♎38	17°17	7° 4	8°39	S 2
S 3	20 47 54	11° 0'14	25°38	0♍46	11°D47	3°44	14°32	20°47	25°41	23°12	2° 1	16°31	17°14	7°11	8°42	S 3
M 4	20 51 51	11°57'41	7♑44	2°23	11°49	4°21	14°45	20°53	25°44	23°13	2° 2	16°22	17°11	7°17	8°45	M 4
T 5	20 55 48	12°55'09	20° 2	3°58	11°53	4°58	14°58	20°59	25°47	23°13	2° 3	16°11	17° 8	7°24	8°47	T 5
W 6	20 59 44	13°52'38	2♒32	5°31	11°59	5°35	15°11	21° 5	25°50	23°14	2° 3	16° 0	17° 5	7°31	8°50	W 6
T 7	21 3 41	14°50'08	15°17	7° 3	12° 7	6°12	15°24	21°11	25°53	23°15	2° 4	15°49	17° 1	7°38	8°53	T 7
F 8	21 7 37	15°47'39	28°14	8°33	12°18	6°50	15°38	21°16	25°56	23°15	2° 4	15°40	16°58	7°44	8°55	F 8
S 9	21 11 34	16°45'11	11♓23	10° 2	12°30	7°27	15°51	21°22	25°59	23°16	2° 5	15°34	16°55	7°51	8°58	S 9
S 10	21 15 30	17°42'45	24°44	11°29	12°45	8° 5	16° 4	21°27	26° 2	23°16	2° 5	15°29	16°52	7°58	9° 0	S 10
M11	21 19 27	18°40'19	8♈16	12°54	13° 1	8°42	16°17	21°33	26° 5	23°17	2° 5	15°27	16°49	8° 4	9° 2	M11
T 12	21 23 23	19°37'56	21°58	14°17	13°20	9°20	16°30	21°38	26° 8	23°17	2° 6	15°D27	16°46	8°11	9° 5	T 12
W13	21 27 20	20°35'33	5♉49	15°39	13°40	9°58	16°43	21°43	26°12	23°18	2° 6	15°28	16°42	8°18	9° 7	W13
T 14	21 31 16	21°33'13	19°50	16°59	14° 2	10°36	16°57	21°48	26°15	23°18	2° 7	15°R29	16°39	8°24	9° 9	T 14
F 15	21 35 13	22°30'54	4♊ 0	18°17	14°26	11°14	17°10	21°54	26°18	23°19	2° 7	15°28	16°36	8°31	9°12	F 15
S 16	21 39 10	23°28'36	18°18	19°33	14°52	11°52	17°23	21°59	26°21	23°19	2° 7	15°26	16°33	8°38	9°14	S 16
S 17	21 43 6	24°26'21	2♋40	20°47	15°19	12°30	17°36	22° 4	26°25	23°19	2° 8	15°21	16°30	8°44	9°16	S 17
M18	21 47 3	25°24'07	17° 3	22° 0	15°48	13° 8	17°49	22° 8	26°28	23°20	2° 8	15°15	16°26	8°51	9°18	M18
T 19	21 50 59	26°21'54	1♌22	23°10	16°18	13°46	18° 2	22°13	26°31	23°20	2° 8	15° 7	16°23	8°58	9°20	T 19
W20	21 54 56	27°19'43	15°31	24°18	16°49	14°25	18°15	22°18	26°35	23°20	2° 9	15° 0	16°20	9° 5	9°21	W20
T 21	21 58 52	28°17'33	29°25	25°24	17°22	15° 3	18°28	22°23	26°38	23°20	2° 9	14°53	16°17	9°11	9°23	T 21
F 22	22 2 49	29°15'25	13♍ 0	26°27	17°57	15°42	18°41	22°27	26°42	23°21	2° 9	14°47	16°14	9°18	9°25	F 22
S 23	22 6 45	0♍13'18	26°15	27°28	18°32	16°20	18°54	22°32	26°45	23°21	2° 9	14°44	16°11	9°25	9°27	S 23
S 24	22 10 42	1°11'13	9♎ 8	28°27	19° 9	16°59	19° 8	22°36	26°49	23°21	2° 9	14°D42	16° 7	9°31	9°28	S 24
M25	22 14 39	2° 9'09	21°41	29°23	19°47	17°38	19°21	22°40	26°52	23°21	2°10	14°42	16° 4	9°38	9°30	M25
T 26	22 18 35	3° 7'06	3♏57	0♎15	20°26	18°16	19°34	22°45	26°56	23°R21	2°10	14°43	16° 1	9°45	9°31	T 26
W27	22 22 32	4° 5'05	16° 1	1° 5	21° 6	18°55	19°46	22°49	26°59	23°21	2°10	14°45	15°58	9°51	9°33	W27
T 28	22 26 28	5° 3'05	27°56	1°52	21°48	19°34	19°59	22°53	27° 3	23°21	2°10	14°46	15°55	9°58	9°34	T 28
F 29	22 30 25	6° 1'06	9♐47	2°34	22°30	20°13	20°12	22°57	27° 6	23°21	2°10	14°R46	15°52	10° 5	9°35	F 29
S 30	22 34 21	6°59'09	21°40	3°14	23°13	20°52	20°25	23° 1	27°10	23°21	2°10	14°45	15°48	10°11	9°36	S 30
S 31	22 38 18	7♍57'13	3♑39	3♎49	23♋58	21♎32	20♌38	23♊ 5	27♍14	23♉21	2♊10	14♎42	15♎45	10♐18	9♊38	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n 0	17s 1	3n36	13n27	1n10	16n24	6s33	0s38	0n24	17n14	0n39	21n43	1s24	2n25	0n43	16n54	1s44	8n 2	12s47	6s34	6s49	17s37	17n48	4s 0
S 2	17 44	18 14	4 15	12 46	1 3	16 25	6 32	0 53	0 23	17 10	0 39	21 44	1 24	2 24	0 43	16 54	1 44	8 1	12 47	6 32	6 48	17 37	17 48	4 0
S 3	17 29	18 39	4 44	12 5	0 57	16 27	6 30	1 9	0 22	17 6	0 39	21 44	1 24	2 23	0 43	16 54	1 44	8 1	12 48	6 30	6 46	17 38	17 48	4 1
M 4	17 13	18 14	5 0	11 24	0 50	16 29	6 28	1 24	0 21	17 2	0 39	21 45	1 24	2 22	0 43	16 54	1 44	8 1	12 48	6 26	6 45	17 38	17 48	4 1
T 5	16 57	16 58	5 3	10 43	0 43	16 31	6 26	1 40	0 20	16 58	0 39	21 45	1 24	2 20	0 43	16 54	1 44	8 1	12 48	6 22	6 44	17 39	17 48	4 1
W 6	16 40	14 53	4 51	10 2	0 35	16 33	6 23	1 55	0 20	16 55	0 39	21 45	1 24	2 19	0 43	16 54	1 44	8 1	12 48	6 18	6 43	17 39	17 48	4 2
T 7	16 24	12 3	4 25	9 21	0 27	16 35	6 20	2 11	0 19	16 51	0 39	21 46	1 24	2 18	0 43	16 54	1 44	8 1	12 49	6 14	6 41	17 40	17 48	4 2
F 8	16 7	8 35	3 45	8 40	0 19	16 38	6 17	2 26	0 18	16 47	0 39	21 46	1 24	2 17	0 43	16 55	1 45	8 1	12 49	6 10	6 40	17 40	17 48	4 2
S 9	15 49	4 39	2 52	7 59	0 11	16 40	6 13	2 42	0 17	16 43	0 39	21 46	1 24	2 15	0 43	16 55	1 45	8 1	12 49	6 8	6 39	17 41	17 48	4 3
S 10	15 32	0 26	1 49	7 18	0 2	16 43	6 9	2 57	0 16	16 39	0 39	21 47	1 24	2 14	0 43	16 55	1 45	8 1	12 49	6 6	6 38	17 41	17 48	4 3
M11	15 14	3n52	0 38	6 37	0s 6	16 46	6 5	3 13	0 16	16 35	0 39	21 47	1 24	2 13	0 43	16 55	1 45	8 0	12 49	6 5	6 37	17 42	17 48	4 3
T 12	14 56	8 1	0s35	5 57	0 15	16 48	6 0	3 28	0 15	16 32	0 39	21 47	1 24	2 12	0 43	16 55	1 45	8 0	12 50	6 5	6 35	17 42	17 48	4 4
W13	14 38	11 47	1 47	5 17	0 25	16 51	5 56	3 44	0 14	16 28	0 40	21 47	1 24	2 10	0 43	16 55	1 45	8 0	12 50	6 6	6 34	17 43	17 48	4 4
T 14	14 20	14 55	2 54	4 38	0 34	16 54	5 51	4 0	0 13	16 24	0 40	21 48	1 24	2 9	0 43	16 55	1 45	8 0	12 50	6 6	6 33	17 43	17 48	4 4
F 15	14 1	17 11	3 51	3 58	0 43	16 56	5 46	4 15	0 13	16 20	0 40	21 48	1 24	2 8	0 43	16 55	1 45	8 0	12 50	6 6	6 32	17 44	17 48	4 5
S 16	13 42	18 24	4 34	3 20	0 53	16 59	5 41	4 31	0 12	16 16	0 40	21 48	1 24	2 6	0 43	16 55	1 45	8 0	12 51	6 5	6 30	17 44	17 48	4 5
S 17	13 23	18 26	5 0	2 42	1 2	17 1	5 35	4 46	0 11	16 12	0 40	21 48	1 25	2 5	0 43	16 55	1 45	7 59	12 51	6 3	6 29	17 45	17 48	4 6
M18	13 4	17 17	5 7	2 4	1 12	17 3	5 30	5 2	0 10	16 8	0 40	21 49	1 25	2 4	0 43	16 55	1 45	7 59	12 51	6 1	6 28	17 45	17 48	4 6
T 19	12 44	15 4	4 55	1 28	1 22	17 6	5 24	5 17	0 9	16 4	0 40	21 49	1 25	2 2	0 43	16 55	1 45	7 59	12 51	5 58	6 27	17 46	17 48	4 6
W20	12 24	11 58	4 25	0 52	1 32	17 7	5 18	5 33	0 9	16 0	0 40	21 49	1 25	2 1	0 43	16 55	1 45	7 59	12 52	5 55	6 26	17 46	17 48	4 7
T 21	12 4	8 15	3 40	0 17	1 42	17 9	5 13	5 49	0 8	15 56	0 40	21 49	1 25	1 59	0 43	16 55	1 45	7 59	12 52	5 52	6 24	17 47	17 48	4 7
F 22	11 44	4 10	2 43	0s18	1 51	17 11	5 7	6 4	0 7	15 52	0 40	21 50	1 25	1 58	0 43	16 55	1 45	7 59	12 52	5 50	6 23	17 47	17 48	4 7
S 23	11 24	0s 1	1 38	0 51	2 1	17 12	5 1	6 20	0 7	15 48	0 40	21 50	1 25	1 57	0 43	16 55	1 45	7 58	12 52	5 48	6 22	17 48	17 48	4 8
S 24	11 3	4 5	0 30	1 23	2 11	17 13	4 54	6 35	0 6	15 44	0 40	21 50	1 25	1 55	0 43	16 55	1 45	7 58	12 53	5 48	6 21	17 48	17 47	4 8
M25	10 43	7 52	0n38	1 54	2 21	17 14	4 48	6 51	0 5	15 40	0 41	21 50	1 25	1 54	0 43	16 55	1 46	7 58	12 53	5 48	6 20	17 49	17 47	4 9
T 26	10 22	11 14	1 43	2 24	2 31	17 15	4 42	7 6	0 4	15 36	0 41	21 50	1 25	1 52	0 43	16 55	1 46	7 58	12 53	5 48	6 18	17 49	17 47	4 9
W27	10 1	14 3	2 42	2 53	2 40	17 15	4 36	7 22	0 4	15 32	0 41	21 50	1 25	1 51	0 43	16 55	1 46	7 57	12 53	5 49	6 17	17 49	17 47	4 9
T 28	9 40	16 15	3 33	3 20	2 50	17 15	4 29	7 37	0 3	15 28	0 41	21 51	1 25	1 50	0 43	16 55	1 46	7 57	12 53	5 49	6 16	17 50	17 47	4 10
F 29	9 19	17 43	4 15	3 45	2 59	17 15	4 23	7 52	0 2	15 24	0 41	21 51	1 25	1 48	0 43	16 55	1 46	7 57	12 54	5 49	6 15	17 50	17 47	4 10
S 30	8 57	18 25	4 47	4 9	3 8	17 14	4 16	8 8	0 1	15 20	0 41	21 51	1 25	1 47	0 43	16 55	1 46	7 57	12 54	5 49	6 13	17 51	17 46	4 11
S 31	8n35	18s19	5n 6	4s31	3s16	17n13	4s10	8s23	0n 1	15n16	0n41	21n51	1s25	1n45	0n43	16n55	1s46	7n57	12s54	5s48	6s12	17s51	17n46	4s11

Julian Day Number = 2409389.5, Delta T = -4.41 sec
Ecliptic obliquity = 23°27'06, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°07'43, Lahiri = 22°14'43

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1884
geocentric

SEPTEMBER 1884 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 42 14	8♍55'19	15♉49	4♎20	24♋43	22♎11	20♌51	23♊ 8	27♍17	23°R20	2°R10	14°R38	15♎42	10♐25	9♊39	M 1
T 2	22 46 11	9°53'26	28°13	4°47	25°29	22°50	21° 4	23°12	27°21	23♉20	2♊10	14♎32	15°39	10°32	9°40	T 2
W 3	22 50 8	10°51'34	10♒53	5° 9	26°16	23°30	21°17	23°15	27°25	23°20	2°10	14°27	15°36	10°38	9°41	W 3
T 4	22 54 4	11°49'44	23°51	5°25	27° 4	24° 9	21°29	23°19	27°28	23°20	2°10	14°21	15°32	10°45	9°41	T 4
F 5	22 58 1	12°47'56	7♓ 7	5°37	27°52	24°49	21°42	23°22	27°32	23°19	2°10	14°17	15°29	10°52	9°42	F 5
S 6	23 1 57	13°46'09	20°38	5°R42	28°42	25°28	21°55	23°25	27°36	23°19	2°10	14°13	15°26	10°58	9°43	S 6
S 7	23 5 54	14°44'25	4♈24	5°42	29°32	26° 8	22° 7	23°28	27°39	23°19	2°10	14°12	15°23	11° 5	9°44	S 7
M 8	23 9 50	15°42'42	18°21	5°36	0♌22	26°48	22°20	23°31	27°43	23°18	2° 9	14°D11	15°20	11°12	9°44	M 8
T 9	23 13 47	16°41'01	2♉26	5°23	1°14	27°28	22°32	23°34	27°47	23°18	2° 9	14°12	15°17	11°18	9°45	T 9
W10	23 17 43	17°39'22	16°37	5° 3	2° 6	28° 7	22°45	23°37	27°51	23°17	2° 9	14°14	15°13	11°25	9°45	W10
T 11	23 21 40	18°37'45	0♊49	4°37	2°59	28°47	22°57	23°40	27°54	23°17	2° 9	14°15	15°10	11°32	9°45	T 11
F 12	23 25 37	19°36'11	15° 3	4° 4	3°53	29°28	23°10	23°43	27°58	23°16	2° 9	14°R16	15° 7	11°39	9°46	F 12
S 13	23 29 33	20°34'39	29°14	3°24	4°47	0♏ 8	23°22	23°45	28° 2	23°16	2° 9	14°16	15° 4	11°45	9°46	S 13
S 14	23 33 30	21°33'09	13♋21	2°39	5°41	0°48	23°35	23°48	28° 6	23°15	2° 8	14°14	15° 1	11°52	9°46	S 14
M15	23 37 26	22°31'41	27°22	1°47	6°37	1°28	23°47	23°50	28° 9	23°15	2° 8	14°12	14°57	11°59	9°46	M15
T 16	23 41 23	23°30'15	11♌14	0°51	7°32	2° 9	23°59	23°52	28°13	23°14	2° 8	14°10	14°54	12° 5	9°R46	T 16
W17	23 45 19	24°28'51	24°55	29♍51	8°29	2°49	24°11	23°54	28°17	23°13	2° 7	14° 7	14°51	12°12	9°46	W17
T 18	23 49 16	25°27'30	8♍23	28°48	9°26	3°29	24°24	23°56	28°21	23°13	2° 7	14° 4	14°48	12°19	9°46	T 18
F 19	23 53 12	26°26'10	21°36	27°44	10°23	4°10	24°36	23°58	28°25	23°12	2° 7	14° 2	14°45	12°25	9°46	F 19
S 20	23 57 9	27°24'53	4♎34	26°39	11°21	4°51	24°48	24° 0	28°28	23°11	2° 6	14° 1	14°42	12°32	9°46	S 20
S 21	0 1 5	28°23'37	17°15	25°36	12°19	5°31	25° 0	24° 2	28°32	23°10	2° 6	14°D 1	14°38	12°39	9°45	S 21
M22	0 5 2	29°22'23	29°41	24°37	13°18	6°12	25°12	24° 3	28°36	23° 9	2° 5	14° 1	14°35	12°46	9°45	M22
T 23	0 8 59	0♎21'11	11♏53	23°42	14°17	6°53	25°24	24° 5	28°40	23° 9	2° 5	14° 2	14°32	12°52	9°44	T 23
W24	0 12 55	1°20'01	23°55	22°54	15°17	7°34	25°35	24° 6	28°43	23° 8	2° 5	14° 4	14°29	12°59	9°44	W24
T 25	0 16 52	2°18'53	5♐49	22°13	16°17	8°15	25°47	24° 8	28°47	23° 7	2° 4	14° 5	14°26	13° 6	9°43	T 25
F 26	0 20 48	3°17'46	17°41	21°41	17°17	8°56	25°59	24° 9	28°51	23° 6	2° 4	14° 6	14°23	13°12	9°42	F 26
S 27	0 24 45	4°16'42	29°33	21°18	18°18	9°37	26°11	24°10	28°55	23° 5	2° 3	14°R 6	14°19	13°19	9°42	S 27
S 28	0 28 41	5°15'39	11♑32	21° 5	19°19	10°19	26°22	24°11	28°59	23° 4	2° 2	14° 6	14°16	13°26	9°41	S 28
M29	0 32 38	6°14'38	23°41	21°D 3	20°21	11° 0	26°34	24°12	29° 2	23° 3	2° 2	14° 6	14°13	13°32	9°40	M29
T 30	0 36 34	7♎13'38	6♒ 5	21♍11	21♌23	11♏41	26♌45	24♊12	29♍ 6	23♉ 2	2♊ 1	14♎ 5	14♎10	13♐39	9♊39	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n14	17s22	5n11	4s51	3s25	17n12	4s 3	8s39	0s 0	15n12	0n41	21n51	1s25	1n44	0n43	16n55	1s46	7n56	12s54	5s46	6s11	17s52	17n46	4s11
T 2	7 52	15 35	5 3	5 9	3 33	17 10	3 57	8 54	0 1	15 8	0 41	21 51	1 26	1 42	0 43	16 54	1 46	7 56	12 55	5 44	6 10	17 52	17 46	4 12
W 3	7 30	13 2	4 39	5 25	3 40	17 8	3 50	9 9	0 1	15 4	0 41	21 51	1 26	1 41	0 43	16 54	1 46	7 56	12 55	5 42	6 8	17 52	17 45	4 12
T 4	7 8	9 47	4 1	5 38	3 47	17 6	3 44	9 24	0 2	15 0	0 42	21 51	1 26	1 39	0 43	16 54	1 46	7 56	12 55	5 40	6 7	17 53	17 45	4 13
F 5	6 46	5 59	3 9	5 48	3 53	17 3	3 37	9 39	0 3	14 56	0 42	21 51	1 26	1 38	0 43	16 54	1 46	7 55	12 55	5 38	6 6	17 53	17 45	4 13
S 6	6 23	1 47	2 5	5 55	3 59	17 0	3 31	9 55	0 4	14 52	0 42	21 52	1 26	1 36	0 43	16 54	1 46	7 55	12 56	5 37	6 5	17 54	17 45	4 13
S 7	6 1	2n34	0 53	5 59	4 3	16 56	3 24	10 10	0 4	14 48	0 42	21 52	1 26	1 35	0 43	16 54	1 46	7 55	12 56	5 36	6 4	17 54	17 44	4 14
M 8	5 38	6 51	0s23	6 0	4 7	16 52	3 18	10 25	0 5	14 44	0 42	21 52	1 26	1 33	0 43	16 54	1 46	7 55	12 56	5 36	6 2	17 55	17 44	4 14
T 9	5 16	10 47	1 39	5 57	4 9	16 47	3 11	10 40	0 6	14 40	0 42	21 52	1 26	1 32	0 43	16 53	1 46	7 54	12 56	5 36	6 1	17 55	17 44	4 15
W10	4 53	14 7	2 49	5 50	4 11	16 42	3 4	10 55	0 6	14 36	0 42	21 52	1 26	1 30	0 42	16 53	1 46	7 54	12 57	5 37	6 0	17 55	17 43	4 15
T 11	4 30	16 36	3 49	5 40	4 11	16 37	2 58	11 10	0 7	14 32	0 42	21 52	1 26	1 29	0 42	16 53	1 46	7 54	12 57	5 37	5 59	17 56	17 43	4 15
F 12	4 7	18 4	4 35	5 25	4 9	16 31	2 51	11 24	0 8	14 28	0 43	21 52	1 26	1 27	0 42	16 53	1 46	7 54	12 57	5 38	5 57	17 56	17 43	4 16
S 13	3 44	18 23	5 4	5 7	4 6	16 25	2 45	11 39	0 8	14 24	0 43	21 52	1 26	1 26	0 42	16 53	1 47	7 53	12 57	5 38	5 56	17 57	17 42	4 16
S 14	3 21	17 34	5 15	4 44	4 0	16 18	2 38	11 54	0 9	14 20	0 43	21 52	1 26	1 24	0 42	16 53	1 47	7 53	12 57	5 37	5 55	17 57	17 42	4 17
M15	2 58	15 41	5 6	4 17	3 54	16 11	2 32	12 9	0 10	14 16	0 43	21 52	1 27	1 23	0 42	16 52	1 47	7 53	12 58	5 36	5 54	17 57	17 41	4 17
T 16	2 35	12 55	4 40	3 46	3 45	16 3	2 26	12 23	0 10	14 13	0 43	21 52	1 27	1 21	0 42	16 52	1 47	7 53	12 58	5 35	5 53	17 58	17 41	4 17
W17	2 12	9 28	3 59	3 13	3 34	15 55	2 19	12 38	0 11	14 9	0 43	21 52	1 27	1 20	0 42	16 52	1 47	7 52	12 58	5 34	5 51	17 58	17 41	4 18
T 18	1 48	5 35	3 4	2 36	3 21	15 46	2 13	12 52	0 12	14 5	0 43	21 52	1 27	1 18	0 42	16 52	1 47	7 52	12 58	5 33	5 50	17 58	17 40	4 18
F 19	1 25	1 29	2 1	1 57	3 7	15 37	2 7	13 7	0 12	14 1	0 43	21 52	1 27	1 17	0 42	16 51	1 47	7 52	12 59	5 32	5 49	17 59	17 40	4 19
S 20	1 2	2s37	0 52	1 16	2 50	15 27	2 0	13 21	0 13	13 57	0 44	21 52	1 27	1 15	0 42	16 51	1 47	7 51	12 59	5 32	5 48	17 59	17 39	4 19
S 21	0 38	6 30	0n18	0 35	2 33	15 17	1 54	13 35	0 14	13 53	0 44	21 52	1 27	1 14	0 42	16 51	1 47	7 51	12 59	5 32	5 46	18 0	17 39	4 19
M22	0 15	10 2	1 26	0n 5	2 14	15 7	1 48	13 49	0 14	13 49	0 44	21 52	1 27	1 12	0 42	16 51	1 47	7 51	12 59	5 32	5 45	18 0	17 38	4 20
T 23	0s 8	13 3	2 28	0 45	1 55	14 56	1 42	14 3	0 15	13 45	0 44	21 52	1 27	1 11	0 42	16 50	1 47	7 51	12 59	5 32	5 44	18 0	17 38	4 20
W24	0 32	15 28	3 23	1 22	1 34	14 44	1 36	14 17	0 16	13 41	0 44	21 52	1 27	1 9	0 42	16 50	1 47	7 50	13 0	5 33	5 43	18 1	17 37	4 21
T 25	0 55	17 12	4 9	1 57	1 14	14 32	1 30	14 31	0 16	13 37	0 44	21 52	1 27	1 8	0 42	16 50	1 47	7 50	13 0	5 33	5 41	18 1	17 37	4 21
F 26	1 19	18 10	4 44	2 28	0 54	14 20	1 24	14 45	0 17	13 34	0 44	21 52	1 27	1 6	0 42	16 50	1 47	7 50	13 0	5 34	5 40	18 1	17 37	4 21
S 27	1 42	18 20	5 7	2 55	0 34	14 7	1 18	14 59	0 18	13 30	0 45	21 52	1 27	1 5	0 42	16 49	1 47	7 49	13 0	5 34	5 39	18 2	17 36	4 22
S 28	2 5	17 41	5 17	3 18	0 15	13 54	1 12	15 13	0 18	13 26	0 45	21 52	1 28	1 3	0 42	16 49	1 47	7 49	13 0	5 34	5 38	18 2	17 36	4 22
M29	2 29	16 14	5 13	3 35	0n 3	13 40	1 6	15 26	0 19	13 22	0 45	21 52	1 28	1 2	0 42	16 49	1 47	7 49	13 1	5 34	5 37	18 2	17 35	4 23
T 30	2s52	14s 0	4n54	3n48	0n19	13n26	1s 1	15s39	0s20	13n18	0n45	21n52	1s28	1n 0	0n42	16n48	1s47	7n48	13s 1	5s33	5s35	18s 3	17n34	4s23

Julian Day Number = 2409420.5, Delta T = -4.41 sec
Ecliptic obliquity = 23°27'07, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°07'47, Lahiri = 22°14'47

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ASTRODIENST EPHEMERIS for the year 1884
geocentric

OCTOBER 1884 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 40 31	8♎12'41	18♒48	21♍29	22♌25	12♏23	26♌56	24♊13	29♍10	23°R 1	2°R 1	14°R 4	14♎ 7	13♐46	9°R38	W 1
T 2	0 44 28	9°11'45	1♓52	21°57	23°28	13° 4	27° 8	24°13	29°14	23♉ 0	2♊ 0	14♎ 4	14° 3	13°53	9♊37	T 2
F 3	0 48 24	10°10'51	15°19	22°34	24°31	13°46	27°19	24°14	29°17	22°59	2° 0	14° 3	14° 0	13°59	9°36	F 3
S 4	0 52 21	11° 9'58	29° 7	23°20	25°34	14°27	27°30	24°14	29°21	22°57	1°59	14° 3	13°57	14° 6	9°34	S 4
S 5	0 56 17	12° 9'08	13♈16	24°14	26°38	15° 9	27°41	24°14	29°25	22°56	1°58	14°D 3	13°54	14°13	9°33	S 5
M 6	1 0 14	13° 8'20	27°39	25°16	27°41	15°51	27°52	24°R14	29°29	22°55	1°58	14° 3	13°51	14°19	9°32	M 6
T 7	1 4 10	14° 7'34	12♉12	26°24	28°46	16°33	28° 3	24°14	29°32	22°54	1°57	14°R 3	13°48	14°26	9°30	T 7
W 8	1 8 7	15° 6'51	26°50	27°39	29°50	17°15	28°14	24°14	29°36	22°53	1°56	14° 3	13°44	14°33	9°29	W 8
T 9	1 12 3	16° 6'09	11♊25	28°58	0♍55	17°57	28°25	24°14	29°40	22°51	1°55	14° 3	13°41	14°39	9°27	T 9
F 10	1 16 0	17° 5'30	25°53	0♎22	2° 0	18°39	28°35	24°13	29°43	22°50	1°55	14° 2	13°38	14°46	9°26	F 10
S 11	1 19 57	18° 4'53	10♋10	1°49	3° 5	19°21	28°46	24°13	29°47	22°49	1°54	14° 2	13°35	14°53	9°24	S 11
S 12	1 23 53	19° 4'19	24°13	3°20	4°11	20° 3	28°56	24°12	29°51	22°47	1°53	14°D 2	13°32	15° 0	9°22	S 12
M13	1 27 50	20° 3'47	8♌ 1	4°54	5°17	20°45	29° 7	24°12	29°54	22°46	1°52	14° 2	13°29	15° 6	9°20	M13
T 14	1 31 46	21° 3'17	21°34	6°29	6°23	21°28	29°17	24°11	29°58	22°45	1°51	14° 3	13°25	15°13	9°18	T 14
W15	1 35 43	22° 2'50	4♍51	8° 7	7°29	22°10	29°27	24°10	0♎ 1	22°43	1°51	14° 4	13°22	15°20	9°17	W15
T 16	1 39 39	23° 2'24	17°54	9°46	8°36	22°52	29°38	24° 9	0° 5	22°42	1°50	14° 4	13°19	15°26	9°14	T 16
F 17	1 43 36	24° 2'01	0♎44	11°26	9°43	23°35	29°48	24° 8	0° 9	22°40	1°49	14° 5	13°16	15°33	9°12	F 17
S 18	1 47 32	25° 1'40	13°21	13° 6	10°50	24°18	29°58	24° 6	0°12	22°39	1°48	14°R 5	13°13	15°40	9°10	S 18
S 19	1 51 29	26° 1'21	25°47	14°48	11°57	25° 0	0♍ 7	24° 5	0°16	22°37	1°47	14° 5	13° 9	15°47	9° 8	S 19
M20	1 55 25	27° 1'05	8♏ 1	16°29	13° 5	25°43	0°17	24° 4	0°19	22°36	1°46	14° 4	13° 6	15°53	9° 6	M20
T 21	1 59 22	28° 0'50	20° 7	18°11	14°12	26°26	0°27	24° 2	0°23	22°35	1°45	14° 3	13° 3	16° 0	9° 4	T 21
W22	2 3 19	29° 0'37	2♐ 5	19°53	15°20	27° 9	0°36	24° 0	0°26	22°33	1°45	14° 0	13° 0	16° 7	9° 1	W22
T 23	2 7 15	0♏ 0'26	13°58	21°34	16°28	27°52	0°46	23°59	0°29	22°31	1°44	13°58	12°57	16°13	8°59	T 23
F 24	2 11 12	1° 0'16	25°48	23°16	17°37	28°35	0°55	23°57	0°33	22°30	1°43	13°55	12°54	16°20	8°56	F 24
S 25	2 15 8	2° 0'09	7♑40	24°57	18°45	29°18	1° 4	23°55	0°36	22°28	1°42	13°53	12°50	16°27	8°54	S 25
S 26	2 19 5	3° 0'03	19°36	26°38	19°54	0♐ 1	1°13	23°53	0°40	22°27	1°41	13°52	12°47	16°33	8°51	S 26
M27	2 23 1	3°59'58	1♒42	28°19	21° 2	0°44	1°22	23°50	0°43	22°25	1°40	13°D51	12°44	16°40	8°49	M27
T 28	2 26 58	4°59'56	14° 2	29°59	22°11	1°27	1°31	23°48	0°46	22°24	1°39	13°51	12°41	16°47	8°46	T 28
W29	2 30 54	5°59'55	26°41	1♏39	23°21	2°11	1°40	23°46	0°50	22°22	1°38	13°52	12°38	16°54	8°43	W29
T 30	2 34 51	6°59'55	9♓42	3°19	24°30	2°54	1°49	23°43	0°53	22°20	1°37	13°54	12°34	17° 0	8°40	T 30
F 31	2 38 48	7♏59'58	23♓ 8	4♏58	25♍39	3♐38	1♍57	23♊40	0♎56	22♉19	1♊36	13♎55	12♎31	17♐ 7	8♊38	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s16	11s 4	4n21	3n55	0n35	13n11	0s55	15s53	0s20	13n15	0n45	21n52	1s28	0n59	0n42	16n48	1s47	7n48	13s 1	5s33	5s34	18s 3	17n34	4s23
T 2	3 39	7 29	3 33	3 57	0 50	12 56	0 49	16 6	0 21	13 11	0 45	21 52	1 28	0 57	0 42	16 48	1 47	7 48	13 1	5 33	5 33	18 3	17 33	4 24
F 3	4 2	3 26	2 33	3 54	1 3	12 40	0 44	16 19	0 21	13 7	0 45	21 52	1 28	0 56	0 42	16 48	1 47	7 48	13 1	5 33	5 32	18 4	17 33	4 24
S 4	4 25	0n54	1 22	3 47	1 14	12 24	0 38	16 32	0 22	13 4	0 46	21 52	1 28	0 54	0 42	16 47	1 48	7 47	13 2	5 33	5 30	18 4	17 32	4 25
S 5	4 48	5 18	0 4	3 35	1 24	12 8	0 33	16 45	0 23	13 0	0 46	21 52	1 28	0 53	0 42	16 47	1 48	7 47	13 2	5 33	5 29	18 4	17 32	4 25
M 6	5 11	9 29	1s15	3 18	1 33	11 51	0 28	16 58	0 23	12 56	0 46	21 51	1 28	0 51	0 42	16 47	1 48	7 47	13 2	5 33	5 28	18 5	17 31	4 25
T 7	5 34	13 7	2 30	2 58	1 40	11 34	0 22	17 10	0 24	12 53	0 46	21 51	1 28	0 50	0 42	16 46	1 48	7 46	13 2	5 33	5 27	18 5	17 31	4 26
W 8	5 57	15 57	3 36	2 34	1 46	11 16	0 17	17 23	0 25	12 49	0 46	21 51	1 28	0 49	0 42	16 46	1 48	7 46	13 2	5 33	5 25	18 5	17 30	4 26
T 9	6 20	17 45	4 28	2 7	1 51	10 58	0 12	17 35	0 25	12 45	0 46	21 51	1 28	0 47	0 42	16 46	1 48	7 46	13 2	5 33	5 24	18 6	17 29	4 26
F 10	6 43	18 22	5 2	1 37	1 55	10 39	0 7	17 48	0 26	12 42	0 47	21 51	1 28	0 46	0 43	16 45	1 48	7 45	13 3	5 32	5 23	18 6	17 29	4 27
S 11	7 6	17 48	5 17	1 4	1 57	10 20	0 2	18 0	0 26	12 38	0 47	21 51	1 29	0 44	0 43	16 45	1 48	7 45	13 3	5 32	5 22	18 6	17 28	4 27
S 12	7 28	16 9	5 12	0 29	1 59	10 1	0n 2	18 12	0 27	12 35	0 47	21 51	1 29	0 43	0 43	16 44	1 48	7 45	13 3	5 32	5 21	18 7	17 28	4 27
M13	7 51	13 36	4 50	0s 7	2 0	9 41	0 7	18 24	0 27	12 31	0 47	21 51	1 29	0 41	0 43	16 44	1 48	7 45	13 3	5 32	5 19	18 7	17 27	4 28
T 14	8 13	10 21	4 12	0 45	1 59	9 21	0 12	18 35	0 28	12 28	0 47	21 51	1 29	0 40	0 43	16 44	1 48	7 44	13 3	5 33	5 18	18 7	17 26	4 28
W15	8 35	6 37	3 21	1 25	1 58	9 1	0 16	18 47	0 29	12 25	0 47	21 51	1 29	0 38	0 43	16 43	1 48	7 44	13 3	5 33	5 17	18 8	17 26	4 29
T 16	8 58	2 38	2 20	2 5	1 57	8 40	0 21	18 58	0 29	12 21	0 48	21 51	1 29	0 37	0 43	16 43	1 48	7 44	13 4	5 33	5 16	18 8	17 25	4 29
F 17	9 20	1s25	1 13	2 46	1 54	8 19	0 25	19 10	0 30	12 18	0 48	21 50	1 29	0 36	0 43	16 43	1 48	7 43	13 4	5 33	5 14	18 8	17 24	4 29
S 18	9 42	5 20	0 4	3 28	1 51	7 58	0 30	19 21	0 30	12 14	0 48	21 50	1 29	0 34	0 43	16 42	1 48	7 43	13 4	5 34	5 13	18 8	17 24	4 30
S 19	10 3	8 58	1n 4	4 10	1 48	7 36	0 34	19 32	0 31	12 11	0 48	21 50	1 29	0 33	0 43	16 42	1 48	7 43	13 4	5 33	5 12	18 9	17 23	4 30
M20	10 25	12 10	2 9	4 53	1 44	7 14	0 38	19 43	0 32	12 8	0 48	21 50	1 29	0 32	0 43	16 41	1 48	7 43	13 4	5 33	5 11	18 9	17 22	4 30
T 21	10 46	14 47	3 6	5 36	1 40	6 52	0 42	19 53	0 32	12 5	0 49	21 50	1 29	0 30	0 43	16 41	1 48	7 42	13 4	5 32	5 9	18 9	17 22	4 31
W22	11 8	16 45	3 55	6 19	1 35	6 29	0 46	20 4	0 33	12 1	0 49	21 50	1 29	0 29	0 43	16 41	1 48	7 42	13 4	5 32	5 8	18 10	17 21	4 31
T 23	11 29	17 58	4 33	7 1	1 30	6 6	0 50	20 14	0 33	11 58	0 49	21 50	1 29	0 27	0 43	16 40	1 48	7 42	13 4	5 31	5 7	18 10	17 20	4 31
F 24	11 50	18 23	5 0	7 44	1 25	5 43	0 53	20 24	0 34	11 55	0 49	21 50	1 29	0 26	0 43	16 40	1 48	7 41	13 5	5 30	5 6	18 10	17 20	4 32
S 25	12 11	18 1	5 14	8 26	1 19	5 20	0 57	20 34	0 34	11 52	0 49	21 49	1 29	0 25	0 43	16 39	1 48	7 41	13 5	5 29	5 4	18 10	17 19	4 32
S 26	12 31	16 50	5 14	9 8	1 13	4 56	1 1	20 44	0 35	11 49	0 49	21 49	1 29	0 23	0 43	16 39	1 48	7 41	13 5	5 28	5 3	18 11	17 18	4 32
M27	12 52	14 54	5 0	9 50	1 7	4 32	1 4	20 54	0 35	11 46	0 50	21 49	1 30	0 22	0 43	16 38	1 48	7 41	13 5	5 28	5 2	18 11	17 18	4 32
T 28	13 12	12 16	4 33	10 31	1 1	4 8	1 7	21 3	0 36	11 43	0 50	21 49	1 30	0 21	0 43	16 38	1 48	7 40	13 5	5 28	5 1	18 11	17 17	4 33
W29	13 32	9 0	3 52	11 12	0 55	3 44	1 11	21 12	0 36	11 40	0 50	21 49	1 30	0 20	0 43	16 38	1 48	7 40	13 5	5 28	4 59	18 11	17 16	4 33
T 30	13 51	5 12	2 57	11 52	0 48	3 19	1 14	21 21	0 37	11 37	0 50	21 49	1 30	0 18	0 43	16 37	1 48	7 40	13 5	5 29	4 58	18 12	17 15	4 33
F 31	14s11	1s 1	1n52	12s32	0n42	2n54	1n17	21s30	0s38	11n34	0n50	21n48	1s30	0n17	0n43	16n37	1s48	7n39	13s 5	5s30	4s57	18s12	17n15	4s34

Julian Day Number = 2409450.5, Delta T = -4.41 sec
Ecliptic obliquity = 23°27'07, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°07'51, Lahiri = 22°14'51

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ASTRODIENST EPHEMERIS for the year 1884
geocentric

NOVEMBER 1884 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 42 44	9♏ 0'01	7♈ 1	6♏36	26♍49	4♐21	2♍ 6	23°R38	0♎59	22°R17	1°R35	13°R56	12♎28	17♐14	8°R35	S 1
S 2	2 46 41	10° 0'07	21°20	8°15	27°59	5° 5	2°14	23♊35	1° 2	22♉16	1♊34	13♎56	12°25	17°20	8♊32	S 2
M 3	2 50 37	11° 0'14	6♉ 1	9°52	29° 9	5°48	2°22	23°32	1° 6	22°14	1°33	13°55	12°22	17°27	8°29	M 3
T 4	2 54 34	12° 0'23	20°58	11°30	0♎19	6°32	2°30	23°29	1° 9	22°12	1°32	13°52	12°19	17°34	8°26	T 4
W 5	2 58 30	13° 0'34	6♊ 2	13° 7	1°29	7°16	2°38	23°26	1°12	22°11	1°31	13°48	12°15	17°41	8°23	W 5
T 6	3 2 27	14° 0'47	21° 4	14°43	2°40	8° 0	2°46	23°23	1°15	22° 9	1°29	13°44	12°12	17°47	8°20	T 6
F 7	3 6 23	15° 1'02	5♋55	16°20	3°50	8°44	2°53	23°20	1°18	22° 7	1°28	13°40	12° 9	17°54	8°17	F 7
S 8	3 10 20	16° 1'19	20°28	17°56	5° 1	9°28	3° 1	23°16	1°21	22° 6	1°27	13°36	12° 6	18° 1	8°14	S 8
S 9	3 14 17	17° 1'38	4♌39	19°31	6°12	10°12	3° 8	23°13	1°24	22° 4	1°26	13°34	12° 3	18° 7	8°11	S 9
M10	3 18 13	18° 1'59	18°27	21° 6	7°23	10°56	3°15	23° 9	1°27	22° 2	1°25	13°D33	12° 0	18°14	8° 7	M10
T 11	3 22 10	19° 2'22	1♍52	22°41	8°34	11°40	3°22	23° 6	1°29	22° 0	1°24	13°34	11°56	18°21	8° 4	T 11
W12	3 26 6	20° 2'46	14°56	24°16	9°45	12°24	3°29	23° 2	1°32	21°59	1°23	13°36	11°53	18°28	8° 1	W12
T 13	3 30 3	21° 3'13	27°42	25°50	10°56	13° 8	3°36	22°58	1°35	21°57	1°22	13°37	11°50	18°34	7°58	T 13
F 14	3 33 59	22° 3'41	10♎13	27°24	12° 8	13°53	3°43	22°55	1°38	21°55	1°21	13°R38	11°47	18°41	7°54	F 14
S 15	3 37 56	23° 4'12	22°33	28°58	13°19	14°37	3°49	22°51	1°41	21°54	1°20	13°38	11°44	18°48	7°51	S 15
S 16	3 41 52	24° 4'44	4♏43	0♐31	14°31	15°21	3°56	22°47	1°43	21°52	1°18	13°36	11°40	18°54	7°48	S 16
M17	3 45 49	25° 5'17	16°47	2° 5	15°43	16° 6	4° 2	22°43	1°46	21°50	1°17	13°31	11°37	19° 1	7°44	M17
T 18	3 49 46	26° 5'52	28°44	3°38	16°54	16°51	4° 8	22°39	1°48	21°49	1°16	13°25	11°34	19° 8	7°41	T 18
W19	3 53 42	27° 6'29	10♐38	5°11	18° 6	17°35	4°14	22°34	1°51	21°47	1°15	13°17	11°31	19°15	7°37	W19
T 20	3 57 39	28° 7'07	22°30	6°43	19°18	18°20	4°20	22°30	1°54	21°45	1°14	13° 8	11°28	19°21	7°34	T 20
F 21	4 1 35	29° 7'47	4♑21	8°16	20°31	19° 5	4°25	22°26	1°56	21°44	1°13	12°58	11°25	19°28	7°30	F 21
S 22	4 5 32	0♐ 8'28	16°13	9°48	21°43	19°49	4°30	22°22	1°58	21°42	1°12	12°50	11°21	19°35	7°27	S 22
S 23	4 9 28	1° 9'10	28°10	11°20	22°55	20°34	4°36	22°17	2° 1	21°40	1°11	12°43	11°18	19°41	7°24	S 23
M24	4 13 25	2° 9'53	10♒14	12°52	24° 7	21°19	4°41	22°13	2° 3	21°39	1° 9	12°38	11°15	19°48	7°20	M24
T 25	4 17 21	3°10'37	22°30	14°24	25°20	22° 4	4°46	22° 8	2° 6	21°37	1° 8	12°35	11°12	19°55	7°17	T 25
W26	4 21 18	4°11'22	5♓ 2	15°56	26°33	22°49	4°50	22° 4	2° 8	21°35	1° 7	12°D35	11° 9	20° 2	7°13	W26
T 27	4 25 15	5°12'08	17°55	17°27	27°45	23°34	4°55	21°59	2°10	21°34	1° 6	12°35	11° 6	20° 8	7°10	T 27
F 28	4 29 11	6°12'55	1♈12	18°59	28°58	24°19	4°59	21°54	2°12	21°32	1° 5	12°36	11° 2	20°15	7° 6	F 28
S 29	4 33 8	7°13'43	14°58	20°30	0♏11	25° 5	5° 4	21°50	2°14	21°30	1° 4	12°R37	10°59	20°22	7° 3	S 29
S 30	4 37 4	8♐14'32	29♈12	22♐ 0	1♏24	25♐50	5♍ 8	21♊45	2♎16	21♉29	1♊ 3	12♎36	10♎56	20♐28	6♊59	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s30	3n22	0n38	13s11	0n35	2n29	1n20	21s39	0s38	11n31	0n51	21n48	1s30	0n16	0n43	16n36	1s48	7n39	13s 5	5s30	4s56	18s12	17n14	4s34
S 2	14 49	7 42	0s41	13 49	0 28	2 4	1 23	21 47	0 39	11 29	0 51	21 48	1 30	0 14	0 43	16 36	1 48	7 39	13 5	5 30	4 55	18 12	17 13	4 34
M 3	15 8	11 40	1 58	14 26	0 22	1 39	1 25	21 56	0 39	11 26	0 51	21 48	1 30	0 13	0 43	16 35	1 48	7 39	13 5	5 30	4 53	18 13	17 13	4 34
T 4	15 27	14 58	3 9	15 3	0 15	1 13	1 28	22 4	0 40	11 23	0 51	21 48	1 30	0 12	0 43	16 35	1 48	7 38	13 5	5 28	4 52	18 13	17 12	4 35
W 5	15 45	17 16	4 8	15 39	0 8	0 48	1 31	22 12	0 40	11 21	0 52	21 48	1 30	0 11	0 43	16 35	1 48	7 38	13 6	5 27	4 51	18 13	17 11	4 35
T 6	16 3	18 21	4 49	16 14	0 2	0 22	1 33	22 19	0 41	11 18	0 52	21 47	1 30	0 10	0 43	16 34	1 48	7 38	13 6	5 25	4 50	18 13	17 11	4 35
F 7	16 21	18 10	5 10	16 49	0s 5	0s 4	1 35	22 27	0 41	11 15	0 52	21 47	1 30	0 8	0 43	16 34	1 48	7 38	13 6	5 24	4 48	18 14	17 10	4 36
S 8	16 39	16 47	5 10	17 22	0 12	0 30	1 37	22 34	0 42	11 13	0 52	21 47	1 30	0 7	0 43	16 33	1 48	7 37	13 6	5 22	4 47	18 14	17 9	4 36
S 9	16 56	14 23	4 52	17 55	0 19	0 56	1 40	22 41	0 42	11 10	0 52	21 47	1 30	0 6	0 43	16 33	1 48	7 37	13 6	5 21	4 46	18 14	17 8	4 36
M10	17 13	11 14	4 17	18 27	0 25	1 22	1 42	22 48	0 43	11 8	0 53	21 47	1 30	0 5	0 43	16 32	1 48	7 37	13 6	5 21	4 45	18 14	17 8	4 36
T 11	17 29	7 34	3 28	18 58	0 32	1 49	1 44	22 54	0 43	11 6	0 53	21 46	1 30	0 4	0 43	16 32	1 48	7 37	13 6	5 21	4 43	18 14	17 7	4 36
W12	17 46	3 38	2 30	19 28	0 38	2 15	1 45	23 1	0 44	11 3	0 53	21 46	1 30	0 3	0 43	16 32	1 48	7 36	13 6	5 22	4 42	18 15	17 6	4 37
T 13	18 2	0s24	1 26	19 57	0 44	2 41	1 47	23 7	0 44	11 1	0 53	21 46	1 30	0 2	0 43	16 31	1 48	7 36	13 6	5 23	4 41	18 15	17 5	4 37
F 14	18 18	4 20	0 19	20 25	0 51	3 8	1 49	23 13	0 45	10 59	0 54	21 46	1 30	0 1	0 43	16 31	1 48	7 36	13 6	5 23	4 40	18 15	17 5	4 37
S 15	18 33	8 2	0n48	20 52	0 57	3 34	1 50	23 19	0 45	10 57	0 54	21 46	1 30	0s 0	0 43	16 30	1 48	7 36	13 6	5 23	4 38	18 15	17 4	4 37
S 16	18 48	11 21	1 52	21 18	1 3	4 1	1 52	23 24	0 45	10 55	0 54	21 45	1 30	0 1	0 43	16 30	1 48	7 36	13 6	5 22	4 37	18 15	17 3	4 37
M17	19 3	14 9	2 50	21 43	1 9	4 27	1 53	23 29	0 46	10 53	0 54	21 45	1 30	0 2	0 43	16 29	1 48	7 35	13 6	5 20	4 36	18 16	17 3	4 38
T 18	19 17	16 19	3 40	22 7	1 15	4 53	1 54	23 34	0 46	10 51	0 54	21 45	1 30	0 3	0 43	16 29	1 48	7 35	13 6	5 18	4 35	18 16	17 2	4 38
W19	19 31	17 46	4 20	22 29	1 20	5 20	1 55	23 39	0 47	10 49	0 55	21 45	1 30	0 4	0 43	16 29	1 48	7 35	13 6	5 15	4 33	18 16	17 1	4 38
T 20	19 45	18 27	4 48	22 51	1 26	5 46	1 56	23 43	0 47	10 47	0 55	21 45	1 30	0 5	0 43	16 28	1 48	7 35	13 6	5 11	4 32	18 16	17 0	4 38
F 21	19 58	18 19	5 4	23 12	1 31	6 12	1 57	23 48	0 48	10 45	0 55	21 44	1 30	0 6	0 43	16 28	1 48	7 35	13 6	5 8	4 31	18 16	17 0	4 38
S 22	20 11	17 23	5 7	23 31	1 36	6 39	1 58	23 52	0 48	10 43	0 55	21 44	1 30	0 7	0 43	16 27	1 48	7 34	13 6	5 4	4 30	18 17	16 59	4 38
S 23	20 24	15 42	4 56	23 49	1 41	7 5	1 58	23 55	0 49	10 42	0 56	21 44	1 30	0 8	0 43	16 27	1 48	7 34	13 6	5 2	4 28	18 17	16 58	4 39
M24	20 36	13 18	4 33	24 6	1 46	7 31	1 59	23 59	0 49	10 40	0 56	21 44	1 30	0 9	0 43	16 27	1 48	7 34	13 6	5 0	4 27	18 17	16 58	4 39
T 25	20 48	10 18	3 56	24 22	1 50	7 57	2 0	24 2	0 49	10 38	0 56	21 43	1 30	0 10	0 43	16 26	1 48	7 34	13 6	4 59	4 26	18 17	16 57	4 39
W26	21 0	6 45	3 8	24 36	1 54	8 23	2 0	24 5	0 50	10 37	0 56	21 43	1 30	0 11	0 44	16 26	1 48	7 34	13 6	4 58	4 25	18 17	16 56	4 39
T 27	21 11	2 48	2 9	24 49	1 58	8 49	2 0	24 8	0 50	10 35	0 57	21 43	1 30	0 12	0 44	16 25	1 48	7 33	13 6	4 59	4 23	18 17	16 56	4 39
F 28	21 21	1n25	1 1	25 1	2 2	9 14	2 0	24 10	0 51	10 34	0 57	21 43	1 30	0 13	0 44	16 25	1 48	7 33	13 6	4 59	4 22	18 18	16 55	4 39
S 29	21 32	5 42	0s13	25 12	2 6	9 40	2 1	24 13	0 51	10 33	0 57	21 42	1 30	0 13	0 44	16 24	1 48	7 33	13 5	4 59	4 21	18 18	16 54	4 39
S 30	21s42	9n50	1s28	25s21	2s 9	10s 5	2n 1	24s15	0s51	10n32	0n57	21n42	1s30	0s14	0n44	16n24	1s48	7n33	13s 5	4s59	4s20	18s18	16n54	4s39

Julian Day Number = 2409481.5, Delta T = -4.41 sec
Ecliptic obliquity = 23°27'06, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°07'55, Lahiri = 22°14'56

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ASTRODIENST EPHEMERIS for the year 1884
geocentric

DECEMBER 1884 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 41 1	9♐15'22	13♉54	23♐31	2♏37	26♐35	5♍12	21°R40	2♎18	21°R27	1°R 2	12°R32	10♎53	20♐35	6°R55	M 1
T 2	4 44 57	10°16'13	28°59	25° 1	3°50	27°20	5°15	21♊35	2°20	21♉26	1♊ 0	12♎26	10°50	20°42	6♊52	T 2
W 3	4 48 54	11°17'05	14♊16	26°31	5° 3	28° 6	5°19	21°31	2°22	21°24	0°59	12°18	10°46	20°49	6°48	W 3
T 4	4 52 50	12°17'58	29°37	28° 0	6°16	28°51	5°22	21°26	2°24	21°22	0°58	12° 9	10°43	20°55	6°45	T 4
F 5	4 56 47	13°18'52	14♋48	29°29	7°29	29°37	5°25	21°21	2°26	21°21	0°57	11°59	10°40	21° 2	6°41	F 5
S 6	5 0 44	14°19'47	29°41	0♌57	8°42	0♌22	5°28	21°16	2°28	21°19	0°56	11°51	10°37	21° 9	6°38	S 6
S 7	5 4 40	15°20'44	14♎ 7	2°24	9°56	1° 8	5°31	21°11	2°29	21°18	0°55	11°45	10°34	21°15	6°35	S 7
M 8	5 8 37	16°21'42	28° 5	3°51	11° 9	1°53	5°34	21° 6	2°31	21°16	0°54	11°41	10°31	21°22	6°31	M 8
T 9	5 12 33	17°22'40	11♏34	5°17	12°23	2°39	5°36	21° 1	2°33	21°15	0°53	11°39	10°27	21°29	6°28	T 9
W10	5 16 30	18°23'40	24°36	6°41	13°36	3°25	5°39	20°56	2°34	21°13	0°52	11°D39	10°24	21°36	6°24	W10
T 11	5 20 26	19°24'41	7♎16	8° 4	14°50	4°11	5°41	20°51	2°36	21°12	0°51	11°R40	10°21	21°42	6°21	T 11
F 12	5 24 23	20°25'44	19°39	9°26	16° 3	4°56	5°43	20°47	2°37	21°10	0°50	11°39	10°18	21°49	6°17	F 12
S 13	5 28 19	21°26'47	1♏49	10°45	17°17	5°42	5°44	20°42	2°39	21° 9	0°48	11°37	10°15	21°56	6°14	S 13
S 14	5 32 16	22°27'51	13°49	12° 2	18°31	6°28	5°46	20°37	2°40	21° 8	0°47	11°33	10°12	22° 2	6°11	S 14
M15	5 36 13	23°28'56	25°44	13°17	19°44	7°14	5°47	20°32	2°41	21° 6	0°46	11°25	10° 8	22° 9	6° 7	M15
T 16	5 40 9	24°30'01	7♐36	14°29	20°58	8° 0	5°48	20°27	2°43	21° 5	0°45	11°15	10° 5	22°16	6° 4	T 16
W17	5 44 6	25°31'08	19°28	15°37	22°12	8°46	5°49	20°22	2°44	21° 4	0°44	11° 2	10° 2	22°23	6° 1	W17
T 18	5 48 2	26°32'15	1♑20	16°41	23°26	9°32	5°50	20°17	2°45	21° 2	0°43	10°47	9°59	22°29	5°57	T 18
F 19	5 51 59	27°33'23	13°13	17°40	24°40	10°19	5°50	20°12	2°46	21° 1	0°42	10°33	9°56	22°36	5°54	F 19
S 20	5 55 55	28°34'31	25°10	18°33	25°54	11° 5	5°51	20° 7	2°47	21° 0	0°41	10°19	9°52	22°43	5°51	S 20
S 21	5 59 52	29°35'39	7♒12	19°21	27° 8	11°51	5°R51	20° 2	2°48	20°58	0°40	10° 7	9°49	22°49	5°48	S 21
M22	6 3 48	0♑36'47	19°21	20° 1	28°22	12°37	5°51	19°57	2°49	20°57	0°39	9°58	9°46	22°56	5°45	M22
T 23	6 7 45	1°37'56	1♓39	20°34	29°36	13°24	5°51	19°53	2°50	20°56	0°38	9°52	9°43	23° 3	5°42	T 23
W24	6 11 42	2°39'05	14°10	20°57	0♐50	14°10	5°50	19°48	2°51	20°55	0°37	9°48	9°40	23°10	5°39	W24
T 25	6 15 38	3°40'14	26°58	21°11	2° 4	14°56	5°49	19°43	2°51	20°54	0°37	9°47	9°37	23°16	5°36	T 25
F 26	6 19 35	4°41'22	10♈ 7	21°R14	3°19	15°43	5°49	19°38	2°52	20°52	0°36	9°47	9°33	23°23	5°33	F 26
S 27	6 23 31	5°42'31	23°41	21° 6	4°33	16°29	5°48	19°34	2°53	20°51	0°35	9°47	9°30	23°30	5°30	S 27
S 28	6 27 28	6°43'40	7♉42	20°46	5°47	17°16	5°46	19°29	2°53	20°50	0°34	9°45	9°27	23°36	5°27	S 28
M29	6 31 24	7°44'48	22°10	20°14	7° 1	18° 2	5°45	19°25	2°54	20°49	0°33	9°40	9°24	23°43	5°24	M29
T 30	6 35 21	8°45'57	7♊ 3	19°30	8°16	18°49	5°43	19°20	2°54	20°48	0°32	9°33	9°21	23°50	5°21	T 30
W31	6 39 17	9♑47'05	22♊14	18♑36	9♐30	19♑35	5♍42	19♊16	2♎55	20♉47	0♊31	9♎23	9♎18	23♐57	5♊19	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s51	13n29	2s39	25s29	2s11	10s30	2n 0	24s16	0s52	10n30	0n58	21n42	1s30	0s15	0n44	16n24	1s48	7n33	13s 5	4s57	4s18	18s18	16n53	4s40
T 2	22 0	16 20	3 42	25 35	2 14	10 55	2 0	24 18	0 52	10 29	0 58	21 42	1 30	0 16	0 44	16 23	1 48	7 33	13 5	4 55	4 17	18 18	16 52	4 40
W 3	22 9	18 4	4 29	25 40	2 16	11 19	2 0	24 19	0 53	10 28	0 58	21 42	1 29	0 16	0 44	16 23	1 48	7 33	13 5	4 52	4 16	18 18	16 52	4 40
T 4	22 17	18 30	4 57	25 44	2 18	11 44	2 0	24 20	0 53	10 27	0 58	21 41	1 29	0 17	0 44	16 23	1 48	7 32	13 5	4 48	4 15	18 19	16 51	4 40
F 5	22 25	17 36	5 4	25 46	2 19	12 8	1 59	24 20	0 53	10 26	0 59	21 41	1 29	0 18	0 44	16 22	1 48	7 32	13 5	4 44	4 14	18 19	16 50	4 40
S 6	22 32	15 30	4 50	25 47	2 20	12 32	1 59	24 21	0 54	10 25	0 59	21 41	1 29	0 19	0 44	16 22	1 48	7 32	13 5	4 41	4 12	18 19	16 50	4 40
S 7	22 39	12 30	4 17	25 46	2 20	12 56	1 58	24 21	0 54	10 25	0 59	21 41	1 29	0 19	0 44	16 21	1 48	7 32	13 5	4 39	4 11	18 19	16 49	4 40
M 8	22 45	8 51	3 30	25 43	2 20	13 19	1 57	24 21	0 54	10 24	0 59	21 40	1 29	0 20	0 44	16 21	1 48	7 32	13 5	4 37	4 10	18 19	16 48	4 40
T 9	22 51	4 52	2 33	25 40	2 19	13 42	1 57	24 20	0 55	10 23	1 0	21 40	1 29	0 20	0 44	16 21	1 48	7 32	13 5	4 37	4 9	18 19	16 48	4 40
W10	22 57	0 46	1 30	25 34	2 18	14 5	1 56	24 20	0 55	10 23	1 0	21 40	1 29	0 21	0 44	16 20	1 48	7 32	13 5	4 37	4 7	18 19	16 47	4 40
T 11	23 2	3s15	0 23	25 28	2 16	14 28	1 55	24 19	0 55	10 22	1 0	21 40	1 29	0 22	0 44	16 20	1 48	7 32	13 4	4 37	4 6	18 19	16 47	4 40
F 12	23 6	7 2	0n42	25 20	2 13	14 50	1 54	24 17	0 56	10 22	1 1	21 39	1 29	0 22	0 44	16 20	1 48	7 32	13 4	4 37	4 5	18 20	16 46	4 40
S 13	23 11	10 28	1 45	25 10	2 10	15 12	1 53	24 16	0 56	10 21	1 1	21 39	1 29	0 23	0 44	16 19	1 48	7 32	13 4	4 36	4 4	18 20	16 45	4 40
S 14	23 14	13 25	2 42	24 59	2 6	15 33	1 52	24 14	0 56	10 21	1 1	21 39	1 29	0 23	0 44	16 19	1 48	7 32	13 4	4 34	4 2	18 20	16 45	4 40
M15	23 17	15 47	3 31	24 47	2 1	15 55	1 50	24 12	0 57	10 21	1 1	21 39	1 28	0 24	0 44	16 19	1 48	7 31	13 4	4 31	4 1	18 20	16 44	4 40
T 16	23 20	17 28	4 11	24 34	1 55	16 15	1 49	24 10	0 57	10 21	1 2	21 38	1 28	0 24	0 44	16 18	1 48	7 31	13 4	4 27	4 0	18 20	16 44	4 40
W17	23 23	18 23	4 39	24 19	1 48	16 36	1 48	24 7	0 57	10 20	1 2	21 38	1 28	0 25	0 44	16 18	1 48	7 31	13 4	4 22	3 59	18 20	16 43	4 40
T 18	23 24	18 31	4 56	24 4	1 40	16 56	1 46	24 4	0 58	10 20	1 2	21 38	1 28	0 25	0 44	16 18	1 48	7 31	13 3	4 16	3 57	18 20	16 43	4 40
F 19	23 26	17 49	5 0	23 48	1 31	17 15	1 45	24 1	0 58	10 20	1 2	21 38	1 28	0 25	0 44	16 17	1 48	7 31	13 3	4 11	3 56	18 20	16 42	4 40
S 20	23 27	16 21	4 50	23 31	1 21	17 34	1 43	23 57	0 58	10 21	1 3	21 37	1 28	0 26	0 44	16 17	1 47	7 31	13 3	4 5	3 55	18 20	16 42	4 40
S 21	23 27	14 10	4 28	23 13	1 10	17 53	1 41	23 54	0 59	10 21	1 3	21 37	1 28	0 26	0 44	16 17	1 47	7 31	13 3	4 0	3 54	18 21	16 41	4 40
M22	23 27	11 20	3 53	22 55	0 58	18 11	1 40	23 50	0 59	10 21	1 3	21 37	1 28	0 26	0 44	16 17	1 47	7 31	13 3	3 57	3 52	18 21	16 41	4 40
T 23	23 26	7 59	3 7	22 37	0 45	18 29	1 38	23 45	0 59	10 21	1 3	21 37	1 28	0 27	0 45	16 16	1 47	7 31	13 3	3 54	3 51	18 21	16 40	4 40
W24	23 25	4 13	2 11	22 19	0 30	18 46	1 36	23 41	0 59	10 22	1 4	21 36	1 27	0 27	0 45	16 16	1 47	7 31	13 2	3 53	3 50	18 21	16 40	4 40
T 25	23 24	0 11	1 7	22 1	0 14	19 3	1 34	23 36	1 0	10 22	1 4	21 36	1 27	0 27	0 45	16 16	1 47	7 31	13 2	3 53	3 49	18 21	16 39	4 40
F 26	23 22	3n59	0s 2	21 43	0n 3	19 19	1 32	23 31	1 0	10 23	1 4	21 36	1 27	0 28	0 45	16 16	1 47	7 31	13 2	3 53	3 47	18 21	16 39	4 40
S 27	23 20	8 4	1 13	21 27	0 21	19 35	1 30	23 26	1 0	10 24	1 5	21 36	1 27	0 28	0 45	16 15	1 47	7 31	13 2	3 53	3 46	18 21	16 38	4 40
S 28	23 17	11 51	2 22	21 11	0 40	19 50	1 28	23 20	1 0	10 24	1 5	21 36	1 27	0 28	0 45	16 15	1 47	7 31	13 2	3 52	3 45	18 21	16 38	4 40
M29	23 14	15 2	3 24	20 57	0 59	20 5	1 26	23 14	1 1	10 25	1 5	21 35	1 27	0 28	0 45	16 15	1 47	7 31	13 1	3 50	3 44	18 21	16 38	4 40
T 30	23 10	17 20	4 14	20 44	1 19	20 19	1 24	23 8	1 1	10 26	1 5	21 35	1 27	0 28	0 45	16 15	1 47	7 31	13 1	3 47	3 42	18 21	16 37	4 39
W31	23s 5	18n27	4s47	20s32	1n38	20s33	1n21	23s 2	1s 1	10n27	1n 6	21n35	1s26	0s28	0n45	16n14	1s47	7n31	13s 1	3s43	3s41	18s21	16n37	4s39

Julian Day Number = 2409511.5, Delta T = -4.41 sec
Ecliptic obliquity = 23°27'06, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°07'59, Lahiri = 22°15'00

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ASTRODIENST EPHEMERIS for the year 1885
geocentric

JANUARY 1885 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 43 14	10♑48'14	7♋34	17°R32	10♐44	20♑22	5°R40	19°R11	2♎55	20°R46	0°R30	9°R12	9♎14	24♐ 3	5°R16	T 1
F 2	6 47 11	11°49'22	22°50	16♑20	11°59	21° 9	5♍37	19♊ 7	2°55	20♉45	0♊30	9♎ 0	9°11	24°10	5♊13	F 2
S 3	6 51 7	12°50'31	7♌52	15° 3	13°13	21°55	5°35	19° 2	2°56	20°44	0°29	8°49	9° 8	24°17	5°11	S 3
S 4	6 55 4	13°51'39	22°30	13°43	14°27	22°42	5°32	18°58	2°56	20°44	0°28	8°41	9° 5	24°24	5° 8	S 4
M 5	6 59 0	14°52'47	6♍40	12°22	15°42	23°29	5°30	18°54	2°56	20°43	0°27	8°35	9° 2	24°30	5° 6	M 5
T 6	7 2 57	15°53'56	20°19	11° 3	16°56	24°16	5°27	18°50	2°56	20°42	0°26	8°32	8°58	24°37	5° 3	T 6
W 7	7 6 53	16°55'04	3♎28	9°49	18°11	25° 3	5°24	18°46	2°R56	20°41	0°26	8°31	8°55	24°44	5° 1	W 7
T 8	7 10 50	17°56'13	16°12	8°41	19°25	25°50	5°20	18°42	2°56	20°40	0°25	8°31	8°52	24°50	4°59	T 8
F 9	7 14 47	18°57'22	28°36	7°42	20°40	26°36	5°17	18°38	2°56	20°40	0°24	8°31	8°49	24°57	4°56	F 9
S 10	7 18 43	19°58'30	10♏44	6°51	21°54	27°23	5°13	18°34	2°56	20°39	0°24	8°29	8°46	25° 4	4°54	S 10
S 11	7 22 40	20°59'39	22°41	6°10	23° 9	28°10	5° 9	18°30	2°56	20°38	0°23	8°25	8°43	25°11	4°52	S 11
M12	7 26 36	22° 0'48	4♐33	5°38	24°24	28°57	5° 5	18°27	2°55	20°38	0°22	8°18	8°39	25°17	4°50	M12
T 13	7 30 33	23° 1'56	16°23	5°16	25°38	29°44	5° 1	18°23	2°55	20°37	0°22	8° 8	8°36	25°24	4°48	T 13
W14	7 34 29	24° 3'04	28°14	5° 4	26°53	0♒31	4°57	18°19	2°55	20°36	0°21	7°56	8°33	25°31	4°46	W14
T 15	7 38 26	25° 4'12	10♑ 8	5°D 0	28° 7	1°18	4°52	18°16	2°54	20°36	0°20	7°42	8°30	25°37	4°44	T 15
F 16	7 42 22	26° 5'19	22° 8	5° 5	29°22	2° 5	4°47	18°13	2°54	20°35	0°20	7°28	8°27	25°44	4°42	F 16
S 17	7 46 19	27° 6'25	4♒13	5°18	0♑37	2°53	4°43	18° 9	2°53	20°35	0°19	7°14	8°24	25°51	4°41	S 17
S 18	7 50 16	28° 7'31	16°26	5°38	1°51	3°40	4°37	18° 6	2°53	20°34	0°19	7° 3	8°20	25°58	4°39	S 18
M19	7 54 12	29° 8'37	28°46	6° 4	3° 6	4°27	4°32	18° 3	2°52	20°34	0°18	6°54	8°17	26° 4	4°37	M19
T 20	7 58 9	0♒ 9'41	11♓15	6°36	4°21	5°14	4°27	18° 0	2°51	20°34	0°18	6°48	8°14	26°11	4°36	T 20
W21	8 2 5	1°10'44	23°56	7°14	5°35	6° 1	4°21	17°57	2°51	20°33	0°17	6°45	8°11	26°18	4°34	W21
T 22	8 6 2	2°11'47	6♈50	7°56	6°50	6°48	4°16	17°54	2°50	20°33	0°17	6°D44	8° 8	26°24	4°33	T 22
F 23	8 9 58	3°12'48	20° 0	8°43	8° 5	7°36	4°10	17°51	2°49	20°33	0°16	6°45	8° 4	26°31	4°31	F 23
S 24	8 13 55	4°13'49	3♉28	9°33	9°19	8°23	4° 4	17°49	2°48	20°33	0°16	6°R45	8° 1	26°38	4°30	S 24
S 25	8 17 51	5°14'48	17°18	10°27	10°34	9°10	3°58	17°46	2°47	20°32	0°15	6°44	7°58	26°45	4°29	S 25
M26	8 21 48	6°15'46	1♊30	11°25	11°49	9°57	3°52	17°44	2°46	20°32	0°15	6°42	7°55	26°51	4°28	M26
T 27	8 25 45	7°16'43	16° 3	12°25	13° 3	10°45	3°45	17°41	2°45	20°32	0°15	6°37	7°52	26°58	4°27	T 27
W28	8 29 41	8°17'39	0♋52	13°29	14°18	11°32	3°39	17°39	2°44	20°32	0°14	6°29	7°49	27° 5	4°26	W28
T 29	8 33 38	9°18'33	15°52	14°34	15°33	12°19	3°32	17°37	2°43	20°32	0°14	6°21	7°45	27°12	4°25	T 29
F 30	8 37 34	10°19'27	0♌53	15°42	16°48	13° 7	3°26	17°35	2°41	20°D32	0°14	6°11	7°42	27°18	4°24	F 30
S 31	8 41 31	11♒20'19	15♌45	16♑52	18♑ 2	13♒54	3♍19	17♊33	2♎40	20♉32	0♊13	6♎ 3	7♎39	27♐25	4♊23	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 1	18n15	5s 0	20s22	1n57	20s46	1n19	22s55	1s 1	10n28	1n 6	21n35	1s26	0s29	0n45	16n14	1s47	7n31	13s 1	3s39	3s40	18s21	16n37	4s39
F 2	22 56	16 43	4 51	20 13	2 15	20 58	1 17	22 48	1 2	10 29	1 6	21 35	1 26	0 29	0 45	16 14	1 47	7 31	13 1	3 34	3 39	18 21	16 36	4 39
S 3	22 50	14 4	4 23	20 6	2 31	21 10	1 15	22 41	1 2	10 30	1 6	21 34	1 26	0 29	0 45	16 14	1 47	7 31	13 0	3 30	3 37	18 21	16 36	4 39
S 4	22 44	10 35	3 37	20 0	2 45	21 21	1 12	22 33	1 2	10 31	1 7	21 34	1 26	0 29	0 45	16 14	1 47	7 32	13 0	3 27	3 36	18 22	16 36	4 39
M 5	22 37	6 36	2 40	19 56	2 57	21 32	1 10	22 26	1 2	10 32	1 7	21 34	1 26	0 29	0 45	16 13	1 47	7 32	13 0	3 24	3 35	18 22	16 35	4 39
T 6	22 30	2 23	1 35	19 53	3 7	21 42	1 7	22 18	1 2	10 34	1 7	21 34	1 25	0 29	0 45	16 13	1 47	7 32	13 0	3 23	3 34	18 22	16 35	4 39
W 7	22 23	1s47	0 27	19 52	3 14	21 51	1 5	22 10	1 3	10 35	1 7	21 34	1 25	0 29	0 45	16 13	1 47	7 32	12 59	3 23	3 32	18 22	16 35	4 39
T 8	22 15	5 45	0n41	19 52	3 19	22 0	1 2	22 1	1 3	10 36	1 8	21 33	1 25	0 29	0 45	16 13	1 47	7 32	12 59	3 23	3 31	18 22	16 34	4 38
F 9	22 7	9 21	1 44	19 53	3 21	22 8	1 0	21 52	1 3	10 38	1 8	21 33	1 25	0 29	0 45	16 13	1 46	7 32	12 59	3 23	3 30	18 22	16 34	4 38
S 10	21 58	12 29	2 42	19 56	3 21	22 15	0 57	21 43	1 3	10 40	1 8	21 33	1 25	0 28	0 45	16 13	1 46	7 32	12 59	3 22	3 29	18 22	16 34	4 38
S 11	21 49	15 3	3 31	20 0	3 19	22 22	0 55	21 34	1 3	10 41	1 8	21 33	1 25	0 28	0 45	16 13	1 46	7 32	12 59	3 20	3 27	18 22	16 34	4 38
M12	21 39	16 57	4 11	20 5	3 15	22 28	0 52	21 25	1 3	10 43	1 9	21 33	1 24	0 28	0 45	16 12	1 46	7 32	12 58	3 18	3 26	18 22	16 33	4 38
T 13	21 29	18 7	4 40	20 11	3 10	22 33	0 49	21 15	1 3	10 45	1 9	21 33	1 24	0 28	0 45	16 12	1 46	7 32	12 58	3 14	3 25	18 22	16 33	4 38
W14	21 19	18 30	4 56	20 18	3 3	22 38	0 47	21 5	1 4	10 47	1 9	21 33	1 24	0 28	0 45	16 12	1 46	7 33	12 58	3 9	3 24	18 22	16 33	4 37
T 15	21 8	18 4	5 0	20 25	2 56	22 42	0 44	20 55	1 4	10 48	1 9	21 33	1 24	0 28	0 45	16 12	1 46	7 33	12 58	3 3	3 22	18 22	16 33	4 37
F 16	20 57	16 51	4 51	20 34	2 48	22 46	0 41	20 44	1 4	10 50	1 10	21 32	1 24	0 27	0 45	16 12	1 46	7 33	12 57	2 58	3 21	18 22	16 33	4 37
S 17	20 45	14 52	4 29	20 42	2 39	22 48	0 39	20 34	1 4	10 52	1 10	21 32	1 23	0 27	0 45	16 12	1 46	7 33	12 57	2 52	3 20	18 22	16 33	4 37
S 18	20 33	12 12	3 54	20 51	2 30	22 51	0 36	20 23	1 4	10 54	1 10	21 32	1 23	0 27	0 46	16 12	1 46	7 33	12 57	2 48	3 19	18 22	16 32	4 37
M19	20 20	8 59	3 7	20 59	2 20	22 52	0 33	20 12	1 4	10 57	1 10	21 32	1 23	0 27	0 46	16 12	1 46	7 33	12 56	2 44	3 17	18 22	16 32	4 37
T 20	20 8	5 20	2 11	21 8	2 10	22 53	0 30	20 1	1 4	10 59	1 11	21 32	1 23	0 26	0 46	16 12	1 46	7 33	12 56	2 42	3 16	18 22	16 32	4 36
W21	19 54	1 23	1 8	21 16	2 0	22 52	0 28	19 49	1 4	11 1	1 11	21 32	1 23	0 26	0 46	16 12	1 46	7 34	12 56	2 41	3 15	18 22	16 32	4 36
T 22	19 41	2n42	0s 0	21 24	1 49	22 52	0 25	19 37	1 4	11 3	1 11	21 32	1 22	0 26	0 46	16 12	1 46	7 34	12 56	2 41	3 14	18 22	16 32	4 36
F 23	19 27	6 44	1 10	21 31	1 39	22 50	0 22	19 25	1 5	11 6	1 11	21 32	1 22	0 25	0 46	16 12	1 46	7 34	12 55	2 41	3 12	18 22	16 32	4 36
S 24	19 13	10 31	2 18	21 38	1 29	22 48	0 19	19 13	1 5	11 8	1 11	21 32	1 22	0 25	0 46	16 12	1 46	7 34	12 55	2 41	3 11	18 22	16 32	4 36
S 25	18 58	13 50	3 19	21 44	1 18	22 45	0 17	19 1	1 5	11 10	1 12	21 32	1 22	0 24	0 46	16 12	1 46	7 34	12 55	2 41	3 10	18 22	16 32	4 35
M26	18 43	16 24	4 9	21 50	1 8	22 42	0 14	18 48	1 5	11 13	1 12	21 32	1 22	0 24	0 46	16 12	1 45	7 35	12 55	2 40	3 8	18 22	16 32	4 35
T 27	18 28	17 59	4 45	21 54	0 58	22 38	0 11	18 35	1 5	11 15	1 12	21 32	1 21	0 24	0 46	16 12	1 45	7 35	12 54	2 38	3 7	18 22	16 32	4 35
W28	18 12	18 24	5 3	21 58	0 48	22 33	0 8	18 22	1 5	11 18	1 12	21 32	1 21	0 23	0 46	16 12	1 45	7 35	12 54	2 35	3 6	18 22	16 32	4 35
T 29	17 56	17 32	5 0	22 1	0 39	22 27	0 6	18 9	1 5	11 20	1 12	21 32	1 21	0 23	0 46	16 12	1 45	7 35	12 54	2 31	3 5	18 22	16 32	4 35
F 30	17 40	15 28	4 37	22 3	0 29	22 21	0 3	17 56	1 5	11 23	1 13	21 32	1 21	0 22	0 46	16 12	1 45	7 35	12 53	2 28	3 3	18 22	16 32	4 34
S 31	17s23	12n23	3s55	22s 4	0n20	22s14	0n 0	17s42	1s 5	11n26	1n13	21n32	1s20	0s22	0n46	16n12	1s45	7n36	12s53	2s24	3s 2	18s22	16n32	4s34

Julian Day Number = 2409542.5, Delta T = -4.41 sec
Ecliptic obliquity = 23°27'05, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°08'04, Lahiri = 22°15'04

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1885
geocentric

FEBRUARY 1885 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 45 27	12♒21'10	0♍20	18♑ 4	19♑17	14♒41	3°R12	17°R31	2°R39	20♉32	0°R13	5°R56	7♎36	27♐32	4°R22	S 1
M 2	8 49 24	13°22'00	14°31	19°17	20°32	15°29	3♍ 5	17♊30	2♎38	20°32	0♊13	5♎52	7°33	27°38	4♊22	M 2
T 3	8 53 20	14°22'49	28°15	20°33	21°47	16°16	2°58	17°28	2°36	20°32	0°13	5°50	7°29	27°45	4°21	T 3
W 4	8 57 17	15°23'37	11♎32	21°49	23° 1	17° 3	2°51	17°27	2°35	20°32	0°12	5°D50	7°26	27°52	4°21	W 4
T 5	9 1 14	16°24'24	24°23	23° 8	24°16	17°51	2°44	17°25	2°33	20°32	0°12	5°51	7°23	27°59	4°20	T 5
F 6	9 5 10	17°25'11	6♏52	24°27	25°31	18°38	2°36	17°24	2°32	20°33	0°12	5°52	7°20	28° 5	4°20	F 6
S 7	9 9 7	18°25'56	19° 4	25°48	26°45	19°26	2°29	17°23	2°30	20°33	0°12	5°R52	7°17	28°12	4°20	S 7
S 8	9 13 3	19°26'40	1♐ 4	27°10	28° 0	20°13	2°21	17°22	2°28	20°33	0°12	5°51	7°14	28°19	4°20	S 8
M 9	9 17 0	20°27'23	12°57	28°33	29°15	21° 1	2°14	17°21	2°27	20°33	0°12	5°49	7°10	28°25	4°19	M 9
T 10	9 20 56	21°28'05	24°48	29°57	0♒30	21°48	2° 6	17°20	2°25	20°34	0°12	5°44	7° 7	28°32	4°D19	T 10
W11	9 24 53	22°28'46	6♑40	1♒23	1°45	22°35	1°58	17°19	2°23	20°34	0°12	5°37	7° 4	28°39	4°19	W11
T 12	9 28 49	23°29'26	18°38	2°49	2°59	23°23	1°51	17°19	2°21	20°35	0°12	5°30	7° 1	28°46	4°20	T 12
F 13	9 32 46	24°30'05	0♒43	4°17	4°14	24°10	1°43	17°18	2°20	20°35	0°D12	5°21	6°58	28°52	4°20	F 13
S 14	9 36 43	25°30'42	12°58	5°45	5°29	24°58	1°35	17°18	2°18	20°36	0°12	5°14	6°55	28°59	4°20	S 14
S 15	9 40 39	26°31'17	25°23	7°15	6°44	25°45	1°27	17°17	2°16	20°36	0°12	5° 7	6°51	29° 6	4°20	S 15
M16	9 44 36	27°31'51	8♓ 0	8°45	7°58	26°33	1°19	17°17	2°14	20°37	0°12	5° 2	6°48	29°13	4°21	M16
T 17	9 48 32	28°32'24	20°48	10°16	9°13	27°20	1°11	17°D17	2°12	20°37	0°12	4°59	6°45	29°19	4°21	T 17
W18	9 52 29	29°32'54	3♈48	11°49	10°28	28° 7	1° 4	17°17	2°10	20°38	0°12	4°D58	6°42	29°26	4°22	W18
T 19	9 56 25	0♓33'23	17° 0	13°22	11°43	28°55	0°56	17°17	2° 8	20°39	0°12	4°59	6°39	29°33	4°22	T 19
F 20	10 0 22	1°33'50	0♉24	14°56	12°57	29°42	0°48	17°18	2° 6	20°39	0°12	5° 0	6°35	29°39	4°23	F 20
S 21	10 4 18	2°34'16	14° 2	16°32	14°12	0♓30	0°40	17°18	2° 3	20°40	0°12	5° 2	6°32	29°46	4°24	S 21
S 22	10 8 15	3°34'39	27°53	18° 8	15°27	1°17	0°32	17°19	2° 1	20°41	0°13	5°R 3	6°29	29°53	4°25	S 22
M23	10 12 11	4°35'01	11♊57	19°45	16°41	2° 5	0°24	17°19	1°59	20°42	0°13	5° 3	6°26	29°59	4°26	M23
T 24	10 16 8	5°35'20	26°14	21°23	17°56	2°52	0°16	17°20	1°57	20°42	0°13	5° 1	6°23	0♑ 6	4°27	T 24
W25	10 20 5	6°35'37	10♋40	23° 2	19°11	3°39	0° 8	17°21	1°55	20°43	0°13	4°59	6°20	0°13	4°28	W25
T 26	10 24 1	7°35'53	25°12	24°42	20°26	4°27	0° 1	17°22	1°52	20°44	0°14	4°55	6°16	0°20	4°29	T 26
F 27	10 27 58	8°36'06	9♌45	26°23	21°40	5°14	29♌53	17°23	1°50	20°45	0°14	4°51	6°13	0°26	4°30	F 27
S 28	10 31 54	9♓36'18	24♌11	28♒ 5	22♒55	6♓ 1	29♌45	17♊24	1♎48	20♉46	0♊14	4♎47	6♎10	0♑33	4♊31	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s 6	8n35	2s58	22s 3	0n11	22s 6	0s 3	17s28	1s 5	11n28	1n13	21n32	1s20	0s21	0n46	16n12	1s45	7n36	12s53	2s22	3s 1	18s22	16n32	4s34
M 2	16 49	4 23	1 52	22 2	0 2	21 58	0 5	17 14	1 5	11 31	1 13	21 32	1 20	0 20	0 46	16 12	1 45	7 36	12 53	2 20	3 0	18 22	16 32	4 34
T 3	16 32	0 4	0 41	22 0	0s 7	21 49	0 8	17 0	1 5	11 34	1 13	21 32	1 20	0 20	0 46	16 12	1 45	7 36	12 52	2 19	2 58	18 22	16 33	4 33
W 4	16 14	4s 5	0n31	21 56	0 15	21 40	0 11	16 46	1 5	11 36	1 14	21 32	1 20	0 19	0 46	16 12	1 45	7 37	12 52	2 19	2 57	18 22	16 33	4 33
T 5	15 56	7 56	1 38	21 51	0 24	21 29	0 13	16 31	1 5	11 39	1 14	21 32	1 19	0 19	0 46	16 13	1 45	7 37	12 52	2 19	2 56	18 22	16 33	4 33
F 6	15 37	11 18	2 39	21 45	0 32	21 18	0 16	16 16	1 5	11 42	1 14	21 33	1 19	0 18	0 46	16 13	1 45	7 37	12 51	2 20	2 55	18 22	16 33	4 33
S 7	15 19	14 6	3 32	21 38	0 39	21 7	0 18	16 2	1 5	11 45	1 14	21 33	1 19	0 17	0 46	16 13	1 45	7 37	12 51	2 20	2 53	18 22	16 33	4 33
S 8	15 0	16 14	4 14	21 30	0 47	20 55	0 21	15 47	1 5	11 48	1 14	21 33	1 19	0 17	0 46	16 13	1 45	7 38	12 51	2 20	2 52	18 21	16 33	4 32
M 9	14 41	17 40	4 44	21 20	0 54	20 42	0 23	15 31	1 5	11 51	1 14	21 33	1 18	0 16	0 46	16 13	1 45	7 38	12 50	2 19	2 51	18 21	16 34	4 32
T 10	14 21	18 18	5 3	21 9	1 1	20 29	0 26	15 16	1 5	11 53	1 14	21 33	1 18	0 15	0 46	16 13	1 45	7 38	12 50	2 17	2 50	18 21	16 34	4 32
W11	14 2	18 9	5 8	20 57	1 7	20 15	0 28	15 1	1 5	11 56	1 15	21 33	1 18	0 14	0 46	16 13	1 44	7 39	12 50	2 14	2 48	18 21	16 34	4 32
T 12	13 42	17 12	5 0	20 44	1 13	20 0	0 31	14 45	1 5	11 59	1 15	21 33	1 18	0 14	0 46	16 14	1 44	7 39	12 50	2 11	2 47	18 21	16 34	4 31
F 13	13 22	15 28	4 39	20 29	1 19	19 45	0 33	14 29	1 4	12 2	1 15	21 34	1 18	0 13	0 46	16 14	1 44	7 39	12 49	2 8	2 46	18 21	16 35	4 31
S 14	13 1	13 1	4 5	20 13	1 25	19 29	0 35	14 13	1 4	12 5	1 15	21 34	1 17	0 12	0 46	16 14	1 44	7 39	12 49	2 5	2 45	18 21	16 35	4 31
S 15	12 41	9 57	3 18	19 56	1 31	19 13	0 38	13 57	1 4	12 8	1 15	21 34	1 17	0 11	0 46	16 14	1 44	7 40	12 49	2 2	2 43	18 21	16 35	4 31
M16	12 20	6 23	2 21	19 37	1 36	18 56	0 40	13 41	1 4	12 11	1 15	21 34	1 17	0 11	0 46	16 14	1 44	7 40	12 48	2 0	2 42	18 21	16 35	4 30
T 17	11 59	2 29	1 16	19 17	1 40	18 38	0 42	13 24	1 4	12 14	1 15	21 34	1 17	0 10	0 46	16 15	1 44	7 40	12 48	1 59	2 41	18 21	16 36	4 30
W18	11 38	1n37	0 6	18 56	1 45	18 20	0 45	13 8	1 4	12 17	1 15	21 35	1 16	0 9	0 46	16 15	1 44	7 41	12 48	1 59	2 40	18 21	16 36	4 30
T 19	11 17	5 41	1s 5	18 33	1 49	18 2	0 47	12 51	1 4	12 20	1 15	21 35	1 16	0 8	0 46	16 15	1 44	7 41	12 47	1 59	2 38	18 21	16 36	4 30
F 20	10 55	9 31	2 14	18 9	1 53	17 43	0 49	12 35	1 4	12 22	1 16	21 35	1 16	0 7	0 47	16 15	1 44	7 41	12 47	1 59	2 37	18 21	16 37	4 30
S 21	10 34	12 55	3 17	17 44	1 56	17 23	0 51	12 18	1 4	12 25	1 16	21 35	1 16	0 6	0 47	16 16	1 44	7 42	12 47	2 0	2 36	18 21	16 37	4 29
S 22	10 12	15 38	4 10	17 17	1 59	17 3	0 53	12 1	1 4	12 28	1 16	21 36	1 15	0 6	0 47	16 16	1 44	7 42	12 47	2 0	2 35	18 20	16 38	4 29
M23	9 50	17 28	4 48	16 49	2 2	16 43	0 55	11 44	1 3	12 31	1 16	21 36	1 15	0 5	0 47	16 16	1 44	7 42	12 46	2 0	2 33	18 20	16 38	4 29
T 24	9 28	18 15	5 9	16 20	2 4	16 22	0 57	11 26	1 3	12 34	1 16	21 36	1 15	0 4	0 47	16 16	1 44	7 43	12 46	2 0	2 32	18 20	16 38	4 29
W25	9 6	17 51	5 11	15 49	2 6	16 0	0 59	11 9	1 3	12 37	1 16	21 37	1 15	0 3	0 47	16 17	1 44	7 43	12 46	1 59	2 31	18 20	16 39	4 28
T 26	8 43	16 17	4 54	15 18	2 7	15 39	1 0	10 52	1 3	12 39	1 16	21 37	1 15	0 2	0 47	16 17	1 44	7 43	12 45	1 57	2 30	18 20	16 39	4 28
F 27	8 21	13 41	4 17	14 44	2 8	15 16	1 2	10 34	1 3	12 42	1 16	21 37	1 14	0 1	0 47	16 17	1 43	7 44	12 45	1 56	2 28	18 20	16 40	4 28
S 28	7s58	10n15	3s24	14s10	2s 9	14s54	1s 4	10s17	1s 3	12n45	1n16	21n38	1s14	0s 0	0n47	16n17	1s43	7n44	12s45	1s54	2s27	18s20	16n40	4s28

Julian Day Number = 2409573.5, Delta T = -4.41 sec
Ecliptic obliquity = 23°27'06, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°08'08, Lahiri = 22°15'08

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ASTRODIENST EPHEMERIS for the year 1885
geocentric

MARCH 1885 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 35 51	10♓36'27	8♍25	29♒49	24♒10	6♓49	29°R37	17♊26	1°R45	20♉47	0♊15	4°R44	6♎ 7	0♑40	4♊33	S 1
M 2	10 39 47	11°36'35	22°23	1♓33	25°24	7°36	29♌30	17°27	1♎43	20°48	0°15	4♎43	6° 4	0°47	4°34	M 2
T 3	10 43 44	12°36'41	6♎ 0	3°18	26°39	8°23	29°22	17°28	1°41	20°49	0°15	4°D42	6° 1	0°53	4°36	T 3
W 4	10 47 40	13°36'45	19°14	5° 4	27°54	9°11	29°15	17°30	1°38	20°50	0°16	4°43	5°57	1° 0	4°37	W 4
T 5	10 51 37	14°36'47	2♏ 7	6°52	29° 8	9°58	29° 7	17°32	1°36	20°51	0°16	4°44	5°54	1° 7	4°39	T 5
F 6	10 55 34	15°36'48	14°40	8°40	0♓23	10°45	29° 0	17°34	1°33	20°52	0°17	4°46	5°51	1°14	4°41	F 6
S 7	10 59 30	16°36'47	26°56	10°30	1°37	11°33	28°53	17°36	1°31	20°54	0°17	4°47	5°48	1°20	4°42	S 7
S 8	11 3 27	17°36'45	9♐ 0	12°21	2°52	12°20	28°46	17°38	1°28	20°55	0°18	4°48	5°45	1°27	4°44	S 8
M 9	11 7 23	18°36'41	20°56	14°13	4° 7	13° 7	28°39	17°40	1°26	20°56	0°18	4°R48	5°41	1°34	4°46	M 9
T 10	11 11 20	19°36'35	2♑48	16° 6	5°21	13°54	28°32	17°42	1°23	20°57	0°19	4°48	5°38	1°40	4°48	T 10
W11	11 15 16	20°36'28	14°42	18° 0	6°36	14°41	28°25	17°45	1°21	20°59	0°19	4°47	5°35	1°47	4°50	W11
T 12	11 19 13	21°36'19	26°42	19°55	7°51	15°29	28°18	17°47	1°18	21° 0	0°20	4°45	5°32	1°54	4°52	T 12
F 13	11 23 9	22°36'08	8♒51	21°51	9° 5	16°16	28°11	17°50	1°16	21° 1	0°20	4°43	5°29	2° 1	4°54	F 13
S 14	11 27 6	23°35'55	21°13	23°48	10°20	17° 3	28° 5	17°52	1°13	21° 3	0°21	4°41	5°26	2° 7	4°57	S 14
S 15	11 31 3	24°35'40	3♓49	25°46	11°34	17°50	27°58	17°55	1°11	21° 4	0°22	4°40	5°22	2°14	4°59	S 15
M16	11 34 59	25°35'24	16°42	27°45	12°49	18°37	27°52	17°58	1° 8	21° 5	0°22	4°39	5°19	2°21	5° 1	M16
T 17	11 38 56	26°35'05	29°51	29°45	14° 3	19°24	27°46	18° 1	1° 5	21° 7	0°23	4°D39	5°16	2°27	5° 4	T 17
W18	11 42 52	27°34'45	13♈15	1♈45	15°18	20°11	27°40	18° 4	1° 3	21° 8	0°24	4°39	5°13	2°34	5° 6	W18
T 19	11 46 49	28°34'22	26°53	3°45	16°33	20°58	27°34	18° 8	1° 0	21°10	0°24	4°39	5°10	2°41	5° 9	T 19
F 20	11 50 45	29°33'58	10♉42	5°46	17°47	21°45	27°28	18°11	0°58	21°11	0°25	4°40	5° 6	2°48	5°12	F 20
S 21	11 54 42	0♈33'31	24°41	7°47	19° 2	22°32	27°22	18°14	0°55	21°13	0°26	4°40	5° 3	2°54	5°14	S 21
S 22	11 58 38	1°33'01	8♊47	9°47	20°16	23°19	27°17	18°18	0°52	21°14	0°27	4°40	5° 0	3° 1	5°17	S 22
M23	12 2 35	2°32'30	22°58	11°47	21°31	24° 6	27°11	18°21	0°50	21°16	0°27	4°40	4°57	3° 8	5°20	M23
T 24	12 6 31	3°31'56	7♋11	13°46	22°45	24°53	27° 6	18°25	0°47	21°18	0°28	4°R41	4°54	3°15	5°23	T 24
W25	12 10 28	4°31'20	21°23	15°44	24° 0	25°40	27° 1	18°29	0°44	21°19	0°29	4°D41	4°51	3°21	5°26	W25
T 26	12 14 25	5°30'41	5♌33	17°40	25°14	26°27	26°56	18°33	0°42	21°21	0°30	4°41	4°47	3°28	5°29	T 26
F 27	12 18 21	6°30'01	19°38	19°34	26°28	27°14	26°52	18°37	0°39	21°23	0°31	4°41	4°44	3°35	5°32	F 27
S 28	12 22 18	7°29'17	3♍34	21°26	27°43	28° 0	26°47	18°41	0°37	21°24	0°32	4°41	4°41	3°41	5°35	S 28
S 29	12 26 14	8°28'32	17°20	23°15	28°57	28°47	26°43	18°45	0°34	21°26	0°32	4°41	4°38	3°48	5°38	S 29
M30	12 30 11	9°27'44	0♎53	25° 1	0♈12	29°34	26°38	18°49	0°32	21°28	0°33	4°R41	4°35	3°55	5°41	M30
T 31	12 34 7	10♈26'54	14♎11	26♈44	1♈26	0♈21	26♌34	18♊53	0♎29	21♉30	0♊34	4♎41	4♎32	4♑ 2	5♊44	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s36	6n16	2s19	13s34	2s 9	14s30	1s 6	9s59	1s 2	12n48	1n16	21n38	1s14	0n 1	0n47	16n18	1s43	7n44	12s44	1s53	2s26	18s20	16n41	4s27
M 2	7 13	2 0	1 7	12 56	2 9	14 7	1 7	9 41	1 2	12 50	1 16	21 38	1 14	0 2	0 47	16 18	1 43	7 45	12 44	1 52	2 25	18 20	16 41	4 27
T 3	6 50	2s16	0n 7	12 18	2 8	13 43	1 9	9 23	1 2	12 53	1 16	21 39	1 13	0 3	0 47	16 18	1 43	7 45	12 44	1 52	2 23	18 19	16 42	4 27
W 4	6 27	6 19	1 19	11 38	2 7	13 19	1 10	9 5	1 2	12 56	1 16	21 39	1 13	0 4	0 47	16 19	1 43	7 45	12 44	1 52	2 22	18 19	16 42	4 27
T 5	6 4	9 56	2 25	10 56	2 6	12 54	1 12	8 47	1 2	12 58	1 16	21 39	1 13	0 5	0 47	16 19	1 43	7 46	12 43	1 53	2 21	18 19	16 43	4 27
F 6	5 40	13 1	3 23	10 14	2 4	12 29	1 13	8 29	1 1	13 1	1 16	21 40	1 13	0 6	0 47	16 19	1 43	7 46	12 43	1 54	2 19	18 19	16 43	4 26
S 7	5 17	15 26	4 10	9 30	2 1	12 4	1 14	8 11	1 1	13 3	1 16	21 40	1 13	0 7	0 47	16 20	1 43	7 47	12 43	1 54	2 18	18 19	16 44	4 26
S 8	4 54	17 7	4 45	8 45	1 58	11 38	1 16	7 53	1 1	13 6	1 16	21 41	1 12	0 8	0 47	16 20	1 43	7 47	12 42	1 55	2 17	18 19	16 44	4 26
M 9	4 30	18 2	5 7	7 59	1 54	11 12	1 17	7 34	1 1	13 8	1 16	21 41	1 12	0 9	0 47	16 21	1 43	7 47	12 42	1 55	2 16	18 19	16 45	4 26
T 10	4 7	18 10	5 16	7 11	1 50	10 46	1 18	7 16	1 0	13 11	1 16	21 41	1 12	0 10	0 47	16 21	1 43	7 48	12 42	1 54	2 14	18 19	16 45	4 25
W11	3 43	17 29	5 11	6 22	1 46	10 19	1 19	6 57	1 0	13 13	1 16	21 42	1 12	0 11	0 47	16 21	1 43	7 48	12 42	1 54	2 13	18 18	16 46	4 25
T 12	3 20	16 2	4 53	5 32	1 41	9 52	1 20	6 39	1 0	13 16	1 16	21 42	1 11	0 12	0 47	16 22	1 43	7 49	12 41	1 53	2 12	18 18	16 46	4 25
F 13	2 56	13 51	4 22	4 41	1 35	9 25	1 21	6 20	1 0	13 18	1 16	21 43	1 11	0 13	0 47	16 22	1 43	7 49	12 41	1 53	2 11	18 18	16 47	4 25
S 14	2 33	11 0	3 38	3 49	1 29	8 58	1 22	6 2	0 59	13 20	1 16	21 43	1 11	0 14	0 47	16 23	1 43	7 49	12 41	1 52	2 9	18 18	16 48	4 25
S 15	2 9	7 35	2 43	2 56	1 22	8 30	1 23	5 43	0 59	13 22	1 16	21 44	1 11	0 15	0 47	16 23	1 43	7 50	12 40	1 51	2 8	18 18	16 48	4 24
M16	1 45	3 45	1 38	2 2	1 15	8 2	1 23	5 24	0 59	13 24	1 16	21 44	1 11	0 16	0 47	16 23	1 43	7 50	12 40	1 51	2 7	18 18	16 49	4 24
T 17	1 22	0n21	0 27	1 7	1 7	7 34	1 24	5 6	0 59	13 27	1 16	21 45	1 10	0 17	0 47	16 24	1 43	7 50	12 40	1 51	2 6	18 17	16 49	4 24
W18	0 58	4 30	0s48	0 12	0 58	7 6	1 25	4 47	0 58	13 29	1 16	21 45	1 10	0 18	0 47	16 24	1 42	7 51	12 40	1 51	2 4	18 17	16 50	4 24
T 19	0 34	8 30	2 0	0n44	0 49	6 37	1 25	4 28	0 58	13 31	1 16	21 46	1 10	0 19	0 47	16 25	1 42	7 51	12 39	1 51	2 3	18 17	16 51	4 24
F 20	0 10	12 5	3 7	1 41	0 40	6 9	1 26	4 9	0 58	13 33	1 16	21 46	1 10	0 20	0 47	16 25	1 42	7 52	12 39	1 51	2 2	18 17	16 51	4 23
S 21	0n13	15 1	4 3	2 38	0 30	5 40	1 26	3 50	0 57	13 34	1 16	21 47	1 10	0 21	0 47	16 26	1 42	7 52	12 39	1 51	2 1	18 17	16 52	4 23
S 22	0 37	17 5	4 45	3 35	0 20	5 11	1 27	3 32	0 57	13 36	1 16	21 47	1 9	0 22	0 47	16 26	1 42	7 52	12 39	1 51	1 59	18 17	16 53	4 23
M23	1 1	18 6	5 11	4 32	0 9	4 42	1 27	3 13	0 57	13 38	1 15	21 48	1 9	0 23	0 47	16 27	1 42	7 53	12 38	1 52	1 58	18 16	16 53	4 23
T 24	1 24	17 59	5 17	5 28	0n 2	4 13	1 27	2 54	0 56	13 40	1 15	21 48	1 9	0 24	0 47	16 27	1 42	7 53	12 38	1 52	1 57	18 16	16 54	4 23
W25	1 48	16 45	5 4	6 24	0 14	3 43	1 27	2 35	0 56	13 41	1 15	21 49	1 9	0 25	0 47	16 27	1 42	7 54	12 38	1 52	1 56	18 16	16 55	4 22
T 26	2 11	14 29	4 32	7 20	0 25	3 14	1 28	2 16	0 56	13 43	1 15	21 49	1 9	0 26	0 47	16 28	1 42	7 54	12 38	1 52	1 54	18 16	16 55	4 22
F 27	2 35	11 23	3 45	8 14	0 37	2 44	1 28	1 57	0 55	13 45	1 15	21 50	1 8	0 27	0 47	16 28	1 42	7 55	12 37	1 52	1 53	18 16	16 56	4 22
S 28	2 58	7 39	2 44	9 7	0 49	2 15	1 28	1 38	0 55	13 46	1 15	21 50	1 8	0 28	0 47	16 29	1 42	7 55	12 37	1 52	1 52	18 15	16 57	4 22
S 29	3 22	3 33	1 35	9 59	1 1	1 45	1 27	1 19	0 55	13 47	1 15	21 51	1 8	0 29	0 47	16 29	1 42	7 55	12 37	1 52	1 50	18 15	16 58	4 22
M30	3 45	0s40	0 21	10 49	1 13	1 15	1 27	1 0	0 54	13 49	1 15	21 51	1 8	0 30	0 47	16 30	1 42	7 56	12 37	1 52	1 49	18 15	16 58	4 22
T 31	4n 8	4s47	0n52	11n38	1n25	0s46	1s27	0s41	0s54	13n50	1n15	21n52	1s 8	0n31	0n47	16n30	1s42	7n56	12s36	1s52	1s48	18s15	16n59	4s21

Julian Day Number = 2409601.5, Delta T = -4.41 sec
Ecliptic obliquity = 23°27'06, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°08'12, Lahiri = 22°15'12

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ASTRODIENST EPHEMERIS for the year 1885
geocentric

APRIL 1885 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 38 4	11♈26'03	27♎13	28♈22	2♈40	1♈ 7	26°R30	18♊58	0°R26	21♉31	0♊35	4°R41	4♎28	4♑ 8	5♊48	W 1
T 2	12 42 0	12°25'09	9♏58	29°56	3°55	1°54	26♌27	19° 2	0♎24	21°33	0°36	4♎40	4°25	4°15	5°51	T 2
F 3	12 45 57	13°24'13	22°28	1♉26	5° 9	2°40	26°23	19° 7	0°21	21°35	0°37	4°39	4°22	4°22	5°54	F 3
S 4	12 49 54	14°23'16	4♐44	2°50	6°23	3°27	26°20	19°12	0°19	21°37	0°38	4°38	4°19	4°28	5°58	S 4
S 5	12 53 50	15°22'16	16°49	4° 9	7°38	4°13	26°17	19°16	0°16	21°39	0°39	4°36	4°16	4°35	6° 1	S 5
M 6	12 57 47	16°21'15	28°46	5°23	8°52	5° 0	26°14	19°21	0°14	21°41	0°40	4°35	4°12	4°42	6° 5	M 6
T 7	13 1 43	17°20'13	10♑39	6°32	10° 6	5°46	26°11	19°26	0°11	21°43	0°41	4°35	4° 9	4°49	6° 9	T 7
W 8	13 5 40	18°19'08	22°33	7°34	11°21	6°33	26° 8	19°31	0° 9	21°45	0°42	4°D35	4° 6	4°55	6°12	W 8
T 9	13 9 36	19°18'02	4♒33	8°30	12°35	7°19	26° 6	19°36	0° 7	21°47	0°43	4°35	4° 3	5° 2	6°16	T 9
F 10	13 13 33	20°16'53	16°43	9°21	13°49	8° 5	26° 3	19°41	0° 4	21°49	0°44	4°36	4° 0	5° 9	6°20	F 10
S 11	13 17 29	21°15'44	29° 7	10° 5	15° 4	8°52	26° 1	19°47	0° 2	21°51	0°45	4°38	3°57	5°16	6°23	S 11
S 12	13 21 26	22°14'32	11♓49	10°43	16°18	9°38	25°59	19°52	29♍59	21°53	0°46	4°39	3°53	5°22	6°27	S 12
M13	13 25 23	23°13'18	24°51	11°14	17°32	10°24	25°57	19°57	29°57	21°55	0°47	4°40	3°50	5°29	6°31	M13
T 14	13 29 19	24°12'03	8♈15	11°39	18°46	11°10	25°56	20° 3	29°55	21°57	0°49	4°R40	3°47	5°36	6°35	T 14
W15	13 33 16	25°10'46	22° 1	11°58	20° 1	11°57	25°55	20° 8	29°52	21°59	0°50	4°39	3°44	5°42	6°39	W15
T 16	13 37 12	26° 9'26	6♉ 4	12°11	21°15	12°43	25°53	20°14	29°50	22° 1	0°51	4°37	3°41	5°49	6°43	T 16
F 17	13 41 9	27° 8'05	20°23	12°17	22°29	13°29	25°52	20°19	29°48	22° 3	0°52	4°35	3°37	5°56	6°47	F 17
S 18	13 45 5	28° 6'42	4♊50	12°R18	23°43	14°15	25°51	20°25	29°46	22° 5	0°53	4°32	3°34	6° 3	6°51	S 18
S 19	13 49 2	29° 5'17	19°21	12°12	24°57	15° 1	25°51	20°31	29°44	22° 7	0°54	4°28	3°31	6° 9	6°55	S 19
M20	13 52 58	0♉ 3'49	3♋50	12° 1	26°12	15°47	25°50	20°37	29°41	22° 9	0°55	4°26	3°28	6°16	7° 0	M20
T 21	13 56 55	1° 2'20	18°11	11°45	27°26	16°33	25°50	20°43	29°39	22°11	0°57	4°24	3°25	6°23	7° 4	T 21
W22	14 0 52	2° 0'48	2♌23	11°24	28°40	17°18	25°D50	20°49	29°37	22°13	0°58	4°D23	3°22	6°30	7° 8	W22
T 23	14 4 48	2°59'14	16°22	10°58	29°54	18° 4	25°50	20°55	29°35	22°15	0°59	4°24	3°18	6°36	7°12	T 23
F 24	14 8 45	3°57'38	0♍ 8	10°29	1♉ 8	18°50	25°51	21° 1	29°33	22°18	1° 0	4°25	3°15	6°43	7°17	F 24
S 25	14 12 41	4°55'59	13°41	9°56	2°22	19°36	25°51	21° 7	29°31	22°20	1° 2	4°27	3°12	6°50	7°21	S 25
S 26	14 16 38	5°54'19	27° 1	9°21	3°36	20°21	25°52	21°13	29°29	22°22	1° 3	4°28	3° 9	6°56	7°25	S 26
M27	14 20 34	6°52'36	10♎ 9	8°44	4°50	21° 7	25°53	21°20	29°27	22°24	1° 4	4°R28	3° 6	7° 3	7°30	M27
T 28	14 24 31	7°50'52	23° 4	8° 5	6° 4	21°53	25°54	21°26	29°26	22°26	1° 5	4°27	3° 3	7°10	7°34	T 28
W29	14 28 27	8°49'05	5♏48	7°26	7°18	22°38	25°55	21°32	29°24	22°29	1° 7	4°23	2°59	7°17	7°39	W29
T 30	14 32 24	9♉47'17	18♏20	6♉47	8♉32	23♈24	25♌56	21♊39	29♍22	22♉31	1♊ 8	4♎19	2♎56	7♑23	7♊43	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n32	8s36	2n 2	12n24	1n36	0s16	1s27	0s22	0s53	13n51	1n15	21n52	1s 7	0n32	0n47	16n31	1s42	7n57	12s36	1s52	1s47	18s15	17n 0	4s21
T 2	4 55	11 55	3 3	13 8	1 47	0n14	1 26	0 3	0 53	13 53	1 15	21 53	1 7	0 33	0 47	16 31	1 42	7 57	12 36	1 51	1 45	18 14	17 0	4 21
F 3	5 18	14 37	3 55	13 49	1 58	0 44	1 26	0n15	0 53	13 54	1 14	21 54	1 7	0 34	0 47	16 32	1 42	7 57	12 36	1 51	1 44	18 14	17 1	4 21
S 4	5 41	16 36	4 34	14 28	2 8	1 14	1 26	0 34	0 52	13 55	1 14	21 54	1 7	0 35	0 47	16 32	1 42	7 58	12 35	1 50	1 43	18 14	17 2	4 21
S 5	6 3	17 48	5 1	15 4	2 17	1 44	1 25	0 53	0 52	13 56	1 14	21 55	1 7	0 36	0 47	16 33	1 42	7 58	12 35	1 50	1 42	18 14	17 3	4 21
M 6	6 26	18 12	5 15	15 37	2 26	2 13	1 24	1 12	0 51	13 57	1 14	21 55	1 6	0 37	0 47	16 33	1 42	7 59	12 35	1 49	1 40	18 14	17 3	4 21
T 7	6 49	17 48	5 15	16 7	2 34	2 43	1 24	1 31	0 51	13 57	1 14	21 56	1 6	0 38	0 47	16 34	1 42	7 59	12 35	1 49	1 39	18 13	17 4	4 20
W 8	7 11	16 37	5 1	16 35	2 41	3 13	1 23	1 50	0 51	13 58	1 14	21 56	1 6	0 39	0 47	16 35	1 42	7 59	12 35	1 49	1 38	18 13	17 5	4 20
T 9	7 34	14 42	4 34	16 59	2 47	3 43	1 22	2 8	0 50	13 59	1 14	21 57	1 6	0 40	0 47	16 35	1 42	8 0	12 34	1 49	1 37	18 13	17 6	4 20
F 10	7 56	12 6	3 55	17 20	2 52	4 12	1 21	2 27	0 50	14 0	1 14	21 58	1 6	0 41	0 47	16 36	1 41	8 0	12 34	1 50	1 35	18 13	17 6	4 20
S 11	8 18	8 55	3 4	17 38	2 57	4 42	1 21	2 46	0 49	14 0	1 13	21 58	1 5	0 42	0 47	16 36	1 41	8 1	12 34	1 50	1 34	18 12	17 7	4 20
S 12	8 40	5 15	2 3	17 53	3 0	5 11	1 20	3 4	0 49	14 1	1 13	21 59	1 5	0 43	0 47	16 37	1 41	8 1	12 34	1 51	1 33	18 12	17 8	4 20
M13	9 2	1 13	0 54	18 5	3 1	5 41	1 19	3 23	0 48	14 1	1 13	21 59	1 5	0 44	0 47	16 37	1 41	8 1	12 34	1 51	1 32	18 12	17 9	4 20
T 14	9 23	2n58	0s20	18 13	3 2	6 10	1 18	3 41	0 48	14 2	1 13	22 0	1 5	0 45	0 46	16 38	1 41	8 2	12 33	1 51	1 30	18 12	17 9	4 19
W15	9 45	7 7	1 34	18 19	3 1	6 39	1 16	4 0	0 48	14 2	1 13	22 1	1 5	0 46	0 46	16 38	1 41	8 2	12 33	1 51	1 29	18 11	17 10	4 19
T 16	10 6	10 58	2 44	18 21	2 59	7 8	1 15	4 18	0 47	14 2	1 13	22 1	1 5	0 47	0 46	16 39	1 41	8 3	12 33	1 50	1 28	18 11	17 11	4 19
F 17	10 27	14 14	3 46	18 19	2 56	7 37	1 14	4 36	0 47	14 2	1 13	22 2	1 4	0 47	0 46	16 39	1 41	8 3	12 33	1 49	1 27	18 11	17 12	4 19
S 18	10 48	16 38	4 33	18 15	2 51	8 5	1 13	4 55	0 46	14 3	1 12	22 2	1 4	0 48	0 46	16 40	1 41	8 3	12 33	1 48	1 25	18 11	17 12	4 19
S 19	11 9	17 59	5 3	18 7	2 45	8 34	1 11	5 13	0 46	14 3	1 12	22 3	1 4	0 49	0 46	16 41	1 41	8 4	12 32	1 47	1 24	18 10	17 13	4 19
M20	11 30	18 10	5 14	17 57	2 38	9 2	1 10	5 31	0 45	14 3	1 12	22 3	1 4	0 50	0 46	16 41	1 41	8 4	12 32	1 46	1 23	18 10	17 14	4 19
T 21	11 50	17 11	5 5	17 43	2 29	9 30	1 9	5 49	0 45	14 3	1 12	22 4	1 4	0 51	0 46	16 42	1 41	8 5	12 32	1 45	1 21	18 10	17 15	4 19
W22	12 11	15 8	4 37	17 27	2 19	9 58	1 7	6 7	0 44	14 3	1 12	22 5	1 4	0 52	0 46	16 42	1 41	8 5	12 32	1 45	1 20	18 10	17 16	4 19
T 23	12 31	12 13	3 54	17 8	2 7	10 25	1 6	6 25	0 44	14 2	1 12	22 5	1 3	0 52	0 46	16 43	1 41	8 5	12 32	1 45	1 19	18 9	17 16	4 19
F 24	12 51	8 40	2 57	16 47	1 54	10 53	1 4	6 43	0 43	14 2	1 12	22 6	1 3	0 53	0 46	16 43	1 41	8 6	12 32	1 45	1 18	18 9	17 17	4 19
S 25	13 10	4 42	1 51	16 24	1 41	11 20	1 2	7 1	0 43	14 2	1 11	22 6	1 3	0 54	0 46	16 44	1 41	8 6	12 31	1 46	1 16	18 9	17 18	4 18
S 26	13 30	0 34	0 41	15 58	1 26	11 46	1 1	7 18	0 42	14 1	1 11	22 7	1 3	0 55	0 46	16 45	1 41	8 6	12 31	1 47	1 15	18 9	17 19	4 18
M27	13 49	3s33	0n31	15 32	1 10	12 13	0 59	7 36	0 42	14 1	1 11	22 7	1 3	0 55	0 46	16 45	1 41	8 7	12 31	1 47	1 14	18 8	17 19	4 18
T 28	14 8	7 26	1 40	15 4	0 54	12 39	0 57	7 54	0 41	14 1	1 11	22 8	1 3	0 56	0 46	16 46	1 41	8 7	12 31	1 46	1 13	18 8	17 20	4 18
W29	14 27	10 54	2 43	14 35	0 37	13 5	0 55	8 11	0 41	14 0	1 11	22 9	1 2	0 57	0 46	16 46	1 41	8 8	12 31	1 45	1 11	18 8	17 21	4 18
T 30	14n45	13s50	3n36	14n 6	0n20	13n31	0s53	8n28	0s40	13n59	1n11	22n 9	1s 2	0n57	0n46	16n47	1s41	8n 8	12s31	1s43	1s10	18s 7	17n22	4s18

Julian Day Number = 2409632.5, Delta T = -4.40 sec
Ecliptic obliquity = 23°27'06, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°08'16, Lahiri = 22°15'16

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ASTRODIENST EPHEMERIS for the year 1885
geocentric

MAY 1885 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 36 20	10♉45'28	0♐40	6°R 9	9♉46	24♈ 9	25♌58	21♊45	29°R20	22♉33	1♊ 9	4°R13	2♎53	7♑30	7♊48	F 1
S 2	14 40 17	11°43'37	12°51	5♉32	11° 0	24°54	26° 0	21°52	29♍18	22°35	1°10	4♎ 6	2°50	7°37	7°52	S 2
S 3	14 44 14	12°41'44	24°53	4°57	12°14	25°40	26° 2	21°59	29°17	22°37	1°12	3°59	2°47	7°43	7°57	S 3
M 4	14 48 10	13°39'49	6♑48	4°25	13°28	26°25	26° 4	22° 5	29°15	22°40	1°13	3°53	2°43	7°50	8° 1	M 4
T 5	14 52 7	14°37'53	18°41	3°56	14°42	27°10	26° 6	22°12	29°14	22°42	1°14	3°48	2°40	7°57	8° 6	T 5
W 6	14 56 3	15°35'56	0♒34	3°31	15°56	27°55	26° 8	22°19	29°12	22°44	1°16	3°45	2°37	8° 4	8°11	W 6
T 7	15 0 0	16°33'57	12°32	3° 9	17°10	28°41	26°11	22°25	29°11	22°46	1°17	3°D44	2°34	8°10	8°15	T 7
F 8	15 3 56	17°31'57	24°40	2°52	18°24	29°26	26°14	22°32	29° 9	22°49	1°18	3°44	2°31	8°17	8°20	F 8
S 9	15 7 53	18°29'56	7♓ 2	2°39	19°38	0♉11	26°17	22°39	29° 8	22°51	1°20	3°45	2°28	8°24	8°25	S 9
S 10	15 11 49	19°27'53	19°44	2°31	20°52	0°56	26°20	22°46	29° 6	22°53	1°21	3°47	2°24	8°31	8°29	S 10
M11	15 15 46	20°25'49	2♈48	2°D27	22° 6	1°41	26°23	22°53	29° 5	22°55	1°22	3°R47	2°21	8°37	8°34	M11
T 12	15 19 43	21°23'44	16°19	2°28	23°20	2°26	26°27	23° 0	29° 4	22°58	1°24	3°47	2°18	8°44	8°39	T 12
W13	15 23 39	22°21'37	0♉16	2°33	24°34	3°10	26°30	23° 7	29° 2	23° 0	1°25	3°44	2°15	8°51	8°44	W13
T 14	15 27 36	23°19'29	14°37	2°43	25°47	3°55	26°34	23°14	29° 1	23° 2	1°26	3°39	2°12	8°57	8°49	T 14
F 15	15 31 32	24°17'20	29°18	2°57	27° 1	4°40	26°38	23°22	29° 0	23° 4	1°28	3°33	2° 9	9° 4	8°53	F 15
S 16	15 35 29	25°15'09	14♊11	3°16	28°15	5°25	26°42	23°29	28°59	23° 7	1°29	3°25	2° 5	9°11	8°58	S 16
S 17	15 39 25	26°12'57	29° 8	3°40	29°29	6° 9	26°47	23°36	28°58	23° 9	1°30	3°17	2° 2	9°18	9° 3	S 17
M18	15 43 22	27°10'43	14♋ 0	4° 7	0♊43	6°54	26°51	23°43	28°57	23°11	1°32	3°10	1°59	9°24	9° 8	M18
T 19	15 47 18	28° 8'28	28°38	4°39	1°57	7°38	26°56	23°50	28°56	23°13	1°33	3° 5	1°56	9°31	9°13	T 19
W20	15 51 15	29° 6'11	12♌59	5°15	3°10	8°23	27° 1	23°58	28°55	23°16	1°34	3° 2	1°53	9°38	9°18	W20
T 21	15 55 12	0♊ 3'52	26°59	5°54	4°24	9° 7	27° 6	24° 5	28°54	23°18	1°36	3°D 0	1°49	9°44	9°23	T 21
F 22	15 59 8	1° 1'31	10♍39	6°38	5°38	9°52	27°11	24°13	28°53	23°20	1°37	3° 1	1°46	9°51	9°28	F 22
S 23	16 3 5	1°59'09	24° 0	7°25	6°52	10°36	27°16	24°20	28°53	23°22	1°38	3° 1	1°43	9°58	9°33	S 23
S 24	16 7 1	2°56'46	7♎ 3	8°15	8° 6	11°20	27°22	24°27	28°52	23°25	1°40	3°R 2	1°40	10° 5	9°37	S 24
M25	16 10 58	3°54'21	19°52	9° 9	9°19	12° 4	27°27	24°35	28°51	23°27	1°41	3° 0	1°37	10°11	9°42	M25
T 26	16 14 54	4°51'55	2♏28	10° 7	10°33	12°48	27°33	24°42	28°51	23°29	1°43	2°57	1°34	10°18	9°47	T 26
W27	16 18 51	5°49'27	14°55	11° 8	11°47	13°33	27°39	24°50	28°50	23°31	1°44	2°50	1°30	10°25	9°52	W27
T 28	16 22 47	6°46'58	27°12	12°11	13° 1	14°17	27°45	24°57	28°50	23°33	1°45	2°42	1°27	10°32	9°57	T 28
F 29	16 26 44	7°44'28	9♐22	13°18	14°14	15° 0	27°51	25° 5	28°49	23°36	1°47	2°31	1°24	10°38	10° 2	F 29
S 30	16 30 41	8°41'58	21°24	14°28	15°28	15°44	27°57	25°13	28°49	23°38	1°48	2°19	1°21	10°45	10° 7	S 30
S 31	16 34 37	9♊39'26	3♑22	15♉41	16♊42	16♉28	28♌ 3	25♊20	28♍49	23♉40	1♊49	2♎ 7	1♎18	10♑52	10♊12	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	15n 4	16s 5	4n19	13n37	0n 3	13n56	0s52	8n45	0s40	13n59	1n11	22n10	1s 2	0n58	0n46	16n47	1s41	8n 8	12s31	1s40	1s 9	18s 7	17n22	4s18
S 2	15 22	17 34	4 49	13 9	0s14	14 21	0 50	9 3	0 39	13 58	1 10	22 10	1 2	0 59	0 46	16 48	1 41	8 9	12 31	1 38	1 8	18 7	17 23	4 18
S 3	15 39	18 15	5 6	12 41	0 32	14 46	0 48	9 20	0 38	13 57	1 10	22 11	1 2	0 59	0 46	16 49	1 41	8 9	12 30	1 35	1 6	18 6	17 24	4 18
M 4	15 57	18 8	5 9	12 14	0 48	15 10	0 46	9 37	0 38	13 56	1 10	22 11	1 2	1 0	0 46	16 49	1 41	8 9	12 30	1 33	1 5	18 6	17 25	4 18
T 5	16 14	17 12	4 59	11 49	1 5	15 34	0 44	9 53	0 37	13 55	1 10	22 12	1 2	1 1	0 46	16 50	1 41	8 10	12 30	1 31	1 4	18 6	17 25	4 18
W 6	16 31	15 32	4 37	11 26	1 21	15 57	0 42	10 10	0 37	13 54	1 10	22 12	1 1	1 1	0 46	16 50	1 41	8 10	12 30	1 30	1 3	18 6	17 26	4 18
T 7	16 48	13 11	4 2	11 4	1 36	16 20	0 39	10 27	0 36	13 53	1 10	22 13	1 1	1 2	0 46	16 51	1 41	8 10	12 30	1 29	1 1	18 5	17 27	4 18
F 8	17 4	10 14	3 16	10 45	1 50	16 43	0 37	10 43	0 36	13 52	1 10	22 13	1 1	1 2	0 46	16 51	1 41	8 11	12 30	1 29	1 0	18 5	17 28	4 18
S 9	17 20	6 46	2 20	10 28	2 3	17 5	0 35	11 0	0 35	13 51	1 9	22 14	1 1	1 3	0 46	16 52	1 41	8 11	12 30	1 30	0 59	18 5	17 28	4 18
S 10	17 36	2 55	1 15	10 13	2 16	17 27	0 33	11 16	0 35	13 50	1 9	22 14	1 1	1 3	0 46	16 53	1 41	8 11	12 30	1 30	0 57	18 4	17 29	4 18
M11	17 52	1n12	0 5	10 1	2 28	17 48	0 31	11 32	0 34	13 49	1 9	22 15	1 1	1 4	0 46	16 53	1 41	8 12	12 30	1 30	0 56	18 4	17 30	4 18
T 12	18 7	5 23	1s 7	9 51	2 38	18 9	0 29	11 48	0 33	13 47	1 9	22 15	1 1	1 4	0 46	16 54	1 41	8 12	12 30	1 30	0 55	18 4	17 31	4 18
W13	18 22	9 25	2 18	9 44	2 48	18 30	0 26	12 4	0 33	13 46	1 9	22 16	1 0	1 5	0 46	16 54	1 41	8 12	12 29	1 29	0 54	18 3	17 31	4 18
T 14	18 37	13 1	3 22	9 39	2 57	18 50	0 24	12 20	0 32	13 44	1 9	22 16	1 0	1 5	0 46	16 55	1 41	8 13	12 29	1 27	0 52	18 3	17 32	4 18
F 15	18 51	15 53	4 14	9 37	3 4	19 9	0 22	12 35	0 32	13 43	1 8	22 17	1 0	1 6	0 46	16 55	1 41	8 13	12 29	1 25	0 51	18 3	17 33	4 18
S 16	19 5	17 44	4 49	9 37	3 11	19 28	0 19	12 51	0 31	13 41	1 8	22 17	1 0	1 6	0 46	16 56	1 41	8 13	12 29	1 21	0 50	18 2	17 34	4 18
S 17	19 19	18 22	5 5	9 39	3 17	19 46	0 17	13 6	0 30	13 40	1 8	22 18	1 0	1 6	0 45	16 56	1 41	8 14	12 29	1 18	0 49	18 2	17 34	4 18
M18	19 32	17 44	5 1	9 44	3 22	20 4	0 15	13 21	0 30	13 38	1 8	22 18	1 0	1 7	0 45	16 57	1 41	8 14	12 29	1 16	0 47	18 2	17 35	4 18
T 19	19 45	15 56	4 36	9 51	3 26	20 22	0 12	13 36	0 29	13 36	1 8	22 19	1 0	1 7	0 45	16 58	1 41	8 14	12 29	1 14	0 46	18 1	17 36	4 18
W20	19 58	13 10	3 55	10 0	3 29	20 38	0 10	13 51	0 29	13 35	1 8	22 19	1 0	1 7	0 45	16 58	1 41	8 15	12 29	1 12	0 45	18 1	17 36	4 18
T 21	20 10	9 42	3 1	10 11	3 31	20 55	0 8	14 6	0 28	13 33	1 8	22 20	0 59	1 8	0 45	16 59	1 41	8 15	12 29	1 12	0 44	18 1	17 37	4 18
F 22	20 22	5 46	1 57	10 24	3 32	21 10	0 5	14 21	0 27	13 31	1 7	22 20	0 59	1 8	0 45	16 59	1 41	8 15	12 29	1 12	0 42	18 0	17 38	4 18
S 23	20 34	1 39	0 48	10 38	3 33	21 25	0 3	14 35	0 27	13 29	1 7	22 21	0 59	1 8	0 45	17 0	1 41	8 16	12 29	1 12	0 41	18 0	17 38	4 18
S 24	20 46	2s28	0n22	10 55	3 32	21 40	0 0	14 49	0 26	13 27	1 7	22 21	0 59	1 8	0 45	17 0	1 41	8 16	12 29	1 12	0 40	18 0	17 39	4 18
M25	20 56	6 24	1 29	11 13	3 31	21 54	0n 2	15 4	0 26	13 25	1 7	22 22	0 59	1 9	0 45	17 1	1 41	8 16	12 29	1 12	0 38	17 59	17 40	4 18
T 26	21 7	9 59	2 30	11 33	3 29	22 7	0 4	15 18	0 25	13 23	1 7	22 22	0 59	1 9	0 45	17 1	1 41	8 16	12 29	1 10	0 37	17 59	17 40	4 18
W27	21 17	13 4	3 24	11 54	3 27	22 19	0 7	15 32	0 24	13 21	1 7	22 22	0 59	1 9	0 45	17 2	1 41	8 17	12 29	1 8	0 36	17 58	17 41	4 18
T 28	21 27	15 32	4 7	12 16	3 23	22 31	0 9	15 45	0 24	13 18	1 7	22 23	0 59	1 9	0 45	17 3	1 41	8 17	12 29	1 4	0 35	17 58	17 42	4 18
F 29	21 37	17 17	4 38	12 40	3 19	22 43	0 12	15 59	0 23	13 16	1 7	22 23	0 59	1 9	0 45	17 3	1 41	8 17	12 29	1 0	0 33	17 58	17 42	4 18
S 30	21 46	18 14	4 57	13 5	3 15	22 53	0 14	16 12	0 22	13 14	1 6	22 23	0 58	1 9	0 45	17 4	1 41	8 17	12 29	0 55	0 32	17 57	17 43	4 19
S 31	21n55	18s23	5n 2	13n31	3s 9	23n 3	0n16	16n25	0s22	13n11	1n 6	22n24	0s58	1n10	0n45	17n 4	1s41	8n18	12s29	0s50	0s31	17s57	17n44	4s19

Julian Day Number = 2409662.5, Delta T = -4.40 sec
Ecliptic obliquity = 23°27'06, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°08'20, Lahiri = 22°15'21

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ASTRODIENST EPHEMERIS for the year 1885
geocentric

JUNE 1885 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 38 34	10♊36'53	15♉15	16♉57	17♊55	17♉12	28♌10	25♊28	28°R48	23♉42	1♊51	1°R56	1♎15	10♉58	10♊17	M 1
T 2	16 42 30	11°34'19	27° 7	18°16	19° 9	17°56	28°17	25°35	28♍48	23°44	1°52	1♎46	1°11	11° 5	10°22	T 2
W 3	16 46 27	12°31'45	8♒59	19°38	20°23	18°40	28°24	25°43	28°48	23°46	1°53	1°39	1° 8	11°12	10°27	W 3
T 4	16 50 23	13°29'10	20°56	21° 2	21°36	19°23	28°31	25°51	28°48	23°49	1°55	1°35	1° 5	11°19	10°32	T 4
F 5	16 54 20	14°26'34	3♓ 2	22°30	22°50	20° 7	28°38	25°59	28°48	23°51	1°56	1°32	1° 2	11°25	10°37	F 5
S 6	16 58 16	15°23'57	15°22	24° 0	24° 4	20°50	28°45	26° 6	28°D48	23°53	1°57	1°D32	0°59	11°32	10°42	S 6
S 7	17 2 13	16°21'20	28° 0	25°33	25°17	21°34	28°52	26°14	28°48	23°55	1°59	1°R32	0°55	11°39	10°47	S 7
M 8	17 6 10	17°18'43	11♈ 1	27° 8	26°31	22°17	29° 0	26°22	28°48	23°57	2° 0	1°32	0°52	11°45	10°52	M 8
T 9	17 10 6	18°16'04	24°30	28°46	27°45	23° 1	29° 7	26°29	28°48	23°59	2° 1	1°30	0°49	11°52	10°57	T 9
W10	17 14 3	19°13'26	8♉27	0♊27	28°58	23°44	29°15	26°37	28°48	24° 1	2° 3	1°26	0°46	11°59	11° 2	W10
T 11	17 17 59	20°10'47	22°53	2°11	0♋12	24°27	29°23	26°45	28°48	24° 3	2° 4	1°19	0°43	12° 6	11° 7	T 11
F 12	17 21 56	21° 8'07	7♊44	3°57	1°26	25°10	29°31	26°53	28°49	24° 5	2° 5	1°11	0°40	12°12	11°12	F 12
S 13	17 25 52	22° 5'27	22°52	5°46	2°39	25°53	29°39	27° 1	28°49	24° 7	2° 7	1° 0	0°36	12°19	11°17	S 13
S 14	17 29 49	23° 2'47	8♋ 6	7°37	3°53	26°36	29°47	27° 8	28°50	24°10	2° 8	0°50	0°33	12°26	11°22	S 14
M15	17 33 45	24° 0'05	23°17	9°31	5° 6	27°19	29°55	27°16	28°50	24°12	2° 9	0°40	0°30	12°33	11°27	M15
T 16	17 37 42	24°57'23	8♌13	11°28	6°20	28° 2	0♍ 4	27°24	28°51	24°14	2°10	0°32	0°27	12°39	11°31	T 16
W17	17 41 39	25°54'40	22°48	13°26	7°34	28°45	0°12	27°32	28°51	24°16	2°12	0°27	0°24	12°46	11°36	W17
T 18	17 45 35	26°51'56	6♍57	15°27	8°47	29°28	0°21	27°40	28°52	24°18	2°13	0°24	0°20	12°53	11°41	T 18
F 19	17 49 32	27°49'12	20°40	17°30	10° 1	0♊11	0°30	27°47	28°52	24°19	2°14	0°23	0°17	12°59	11°46	F 19
S 20	17 53 28	28°46'26	3♎58	19°35	11°14	0°54	0°39	27°55	28°53	24°21	2°15	0°23	0°14	13° 6	11°51	S 20
S 21	17 57 25	29°43'40	16°56	21°41	12°28	1°36	0°48	28° 3	28°54	24°23	2°17	0°23	0°11	13°13	11°56	S 21
M22	18 1 21	0♋40'54	29°35	23°49	13°42	2°19	0°57	28°11	28°55	24°25	2°18	0°21	0° 8	13°20	12° 1	M22
T 23	18 5 18	1°38'07	12♏ 0	25°58	14°55	3° 1	1° 6	28°19	28°56	24°27	2°19	0°16	0° 5	13°26	12° 5	T 23
W24	18 9 14	2°35'19	24°14	28° 8	16° 9	3°44	1°15	28°26	28°57	24°29	2°20	0° 9	0° 1	13°33	12°10	W24
T 25	18 13 11	3°32'31	6♐21	0♋19	17°22	4°26	1°25	28°34	28°58	24°31	2°21	29♍59	29♍58	13°40	12°15	T 25
F 26	18 17 8	4°29'42	18°21	2°30	18°36	5° 9	1°34	28°42	28°59	24°33	2°23	29°47	29°55	13°46	12°20	F 26
S 27	18 21 4	5°26'54	0♑18	4°41	19°49	5°51	1°44	28°50	29° 0	24°34	2°24	29°34	29°52	13°53	12°24	S 27
S 28	18 25 1	6°24'05	12°11	6°52	21° 3	6°33	1°53	28°58	29° 1	24°36	2°25	29°20	29°49	14° 0	12°29	S 28
M29	18 28 57	7°21'16	24° 3	9° 2	22°16	7°15	2° 3	29° 5	29° 2	24°38	2°26	29° 7	29°46	14° 7	12°34	M29
T 30	18 32 54	8♋18'26	5♒56	11♋12	23♋30	7♊57	2♍13	29♊13	29♍ 3	24♉40	2♊27	28♍56	29♍42	14♑13	12♊38	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 3	17s43	4n54	13n58	3s 4	23n13	0n19	16n38	0s21	13n 9	1n 6	22n24	0s58	1n10	0n45	17n 5	1s41	8n18	12s29	0s46	0s30	17s57	17n44	4s19
T 2	22 11	16 16	4 33	14 26	2 57	23 21	0 21	16 51	0 20	13 7	1 6	22 25	0 58	1 10	0 45	17 5	1 41	8 18	12 29	0 42	0 28	17 56	17 45	4 19
W 3	22 19	14 9	4 1	14 55	2 50	23 29	0 23	17 4	0 20	13 4	1 6	22 25	0 58	1 10	0 45	17 6	1 41	8 18	12 29	0 39	0 27	17 56	17 45	4 19
T 4	22 26	11 24	3 18	15 25	2 43	23 37	0 26	17 17	0 19	13 2	1 6	22 25	0 58	1 10	0 45	17 6	1 41	8 19	12 29	0 38	0 26	17 55	17 46	4 19
F 5	22 33	8 8	2 25	15 55	2 35	23 43	0 28	17 29	0 18	12 59	1 6	22 26	0 58	1 10	0 45	17 7	1 41	8 19	12 29	0 37	0 25	17 55	17 47	4 19
S 6	22 39	4 28	1 25	16 25	2 26	23 49	0 30	17 41	0 18	12 56	1 6	22 26	0 58	1 10	0 45	17 7	1 41	8 19	12 29	0 37	0 23	17 55	17 47	4 19
S 7	22 45	0 31	0 19	16 56	2 17	23 55	0 33	17 53	0 17	12 54	1 5	22 26	0 58	1 10	0 45	17 8	1 41	8 19	12 29	0 37	0 22	17 54	17 48	4 19
M 8	22 51	3n36	0s50	17 27	2 8	23 59	0 35	18 5	0 16	12 51	1 5	22 27	0 58	1 10	0 45	17 8	1 41	8 20	12 29	0 36	0 21	17 54	17 48	4 19
T 9	22 56	7 40	1 58	17 58	1 58	24 3	0 37	18 17	0 16	12 48	1 5	22 27	0 57	1 9	0 45	17 9	1 41	8 20	12 29	0 36	0 20	17 53	17 49	4 20
W10	23 1	11 27	3 2	18 30	1 48	24 6	0 39	18 28	0 15	12 45	1 5	22 27	0 57	1 9	0 44	17 9	1 41	8 20	12 29	0 34	0 18	17 53	17 49	4 20
T 11	23 5	14 41	3 56	19 1	1 38	24 9	0 42	18 40	0 14	12 42	1 5	22 27	0 57	1 9	0 44	17 10	1 41	8 20	12 29	0 32	0 17	17 53	17 50	4 20
F 12	23 9	17 4	4 36	19 31	1 27	24 10	0 44	18 51	0 14	12 40	1 5	22 28	0 57	1 9	0 44	17 10	1 41	8 20	12 29	0 28	0 16	17 52	17 50	4 20
S 13	23 13	18 18	4 58	20 2	1 16	24 11	0 46	19 2	0 13	12 37	1 5	22 28	0 57	1 9	0 44	17 11	1 41	8 20	12 29	0 24	0 14	17 52	17 51	4 20
S 14	23 16	18 14	4 58	20 31	1 5	24 12	0 48	19 12	0 12	12 34	1 5	22 28	0 57	1 9	0 44	17 11	1 41	8 21	12 29	0 20	0 13	17 51	17 51	4 20
M15	23 19	16 53	4 38	21 0	0 54	24 11	0 50	19 23	0 12	12 31	1 4	22 29	0 57	1 8	0 44	17 12	1 41	8 21	12 29	0 16	0 12	17 51	17 52	4 20
T 16	23 21	14 23	3 59	21 28	0 42	24 10	0 52	19 33	0 11	12 28	1 4	22 29	0 57	1 8	0 44	17 12	1 41	8 21	12 29	0 13	0 11	17 50	17 52	4 21
W17	23 23	11 1	3 5	21 55	0 31	24 8	0 54	19 43	0 10	12 24	1 4	22 29	0 57	1 8	0 44	17 13	1 41	8 21	12 29	0 11	0 9	17 50	17 53	4 21
T 18	23 25	7 6	2 1	22 20	0 20	24 6	0 56	19 53	0 10	12 21	1 4	22 29	0 57	1 8	0 44	17 13	1 41	8 21	12 29	0 10	0 8	17 50	17 53	4 21
F 19	23 26	2 55	0 51	22 43	0 8	24 2	0 58	20 3	0 9	12 18	1 4	22 29	0 57	1 7	0 44	17 13	1 41	8 22	12 30	0 9	0 7	17 49	17 54	4 21
S 20	23 27	1s17	0n19	23 5	0n 3	23 58	1 0	20 13	0 8	12 15	1 4	22 30	0 56	1 7	0 44	17 14	1 41	8 22	12 30	0 9	0 6	17 49	17 54	4 21
S 21	23 27	5 20	1 26	23 25	0 13	23 54	1 2	20 22	0 8	12 11	1 4	22 30	0 56	1 7	0 44	17 14	1 41	8 22	12 30	0 9	0 4	17 48	17 55	4 21
M22	23 27	9 2	2 28	23 42	0 24	23 48	1 4	20 31	0 7	12 8	1 4	22 30	0 56	1 6	0 44	17 15	1 41	8 22	12 30	0 8	0 3	17 48	17 55	4 22
T 23	23 26	12 15	3 21	23 57	0 34	23 42	1 5	20 40	0 6	12 5	1 4	22 30	0 56	1 6	0 44	17 15	1 41	8 22	12 30	0 7	0 2	17 47	17 56	4 22
W24	23 26	14 54	4 4	24 10	0 44	23 35	1 7	20 49	0 6	12 1	1 4	22 30	0 56	1 5	0 44	17 16	1 41	8 22	12 30	0 4	0 1	17 47	17 56	4 22
T 25	23 24	16 52	4 35	24 20	0 53	23 28	1 9	20 58	0 5	11 58	1 3	22 31	0 56	1 5	0 44	17 16	1 42	8 22	12 30	0n 0	0n 1	17 47	17 56	4 22
F 26	23 23	18 4	4 54	24 27	1 2	23 19	1 11	21 6	0 4	11 54	1 3	22 31	0 56	1 5	0 44	17 16	1 42	8 22	12 30	0 5	0 2	17 46	17 57	4 22
S 27	23 20	18 27	5 0	24 32	1 10	23 11	1 12	21 14	0 4	11 51	1 3	22 31	0 56	1 4	0 44	17 17	1 42	8 23	12 30	0 11	0 3	17 46	17 57	4 22
S 28	23 18	18 2	4 52	24 33	1 17	23 1	1 14	21 22	0 3	11 47	1 3	22 31	0 56	1 4	0 44	17 17	1 42	8 23	12 30	0 16	0 4	17 45	17 58	4 23
M29	23 15	16 50	4 32	24 32	1 24	22 51	1 15	21 30	0 2	11 44	1 3	22 31	0 56	1 3	0 44	17 18	1 42	8 23	12 31	0 21	0 6	17 45	17 58	4 23
T 30	23n11	14s55	4n 1	24n28	1n30	22n40	1n17	21n37	0s 1	11n40	1n 3	22n31	0s56	1n 3	0n44	17n18	1s42	8n23	12s31	0n25	0n 7	17s44	17n58	4s23

Julian Day Number = 2409693.5, Delta T = -4.39 sec
Ecliptic obliquity = 23°27'05, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°08'24, Lahiri = 22°15'25

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1885
geocentric

JULY 1885 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 36 50	9♋15'37	17♒50	13♋21	24♋43	8♊39	2♍23	29♊21	29♍ 5	24♉42	2♊28	28°R48	29♍39	14♑20	12♊43	W 1
T 2	18 40 47	10°12'48	29°50	15°29	25°57	9°21	2°33	29°29	29° 6	24°43	2°30	28♍42	29°36	14°27	12°48	T 2
F 3	18 44 44	11° 9'59	11♓57	17°35	27°10	10° 3	2°43	29°36	29° 7	24°45	2°31	28°39	29°33	14°33	12°52	F 3
S 4	18 48 40	12° 7'11	24°17	19°40	28°23	10°45	2°53	29°44	29° 9	24°47	2°32	28°D38	29°30	14°40	12°57	S 4
S 5	18 52 37	13° 4'22	6♈54	21°44	29°37	11°27	3° 4	29°52	29°10	24°48	2°33	28°R38	29°26	14°47	13° 1	S 5
M 6	18 56 33	14° 1'34	19°52	23°46	0♌50	12° 9	3°14	29°59	29°12	24°50	2°34	28°38	29°23	14°54	13° 6	M 6
T 7	19 0 30	14°58'47	3♉15	25°46	2° 4	12°51	3°24	0♋ 7	29°13	24°51	2°35	28°37	29°20	15° 0	13°10	T 7
W 8	19 4 26	15°56'00	17° 6	27°44	3°17	13°32	3°35	0°15	29°15	24°53	2°36	28°34	29°17	15° 7	13°15	W 8
T 9	19 8 23	16°53'13	1♊26	29°41	4°31	14°14	3°46	0°22	29°17	24°55	2°37	28°28	29°14	15°14	13°19	T 9
F 10	19 12 19	17°50'27	16°13	1♌35	5°44	14°55	3°56	0°30	29°18	24°56	2°38	28°20	29°11	15°21	13°24	F 10
S 11	19 16 16	18°47'41	1♋19	3°28	6°57	15°37	4° 7	0°37	29°20	24°58	2°39	28°11	29° 7	15°27	13°28	S 11
S 12	19 20 13	19°44'56	16°36	5°19	8°11	16°18	4°18	0°45	29°22	24°59	2°40	28° 1	29° 4	15°34	13°32	S 12
M13	19 24 9	20°42'11	1♌53	7° 8	9°24	17° 0	4°29	0°52	29°24	25° 1	2°41	27°52	29° 1	15°41	13°37	M13
T 14	19 28 6	21°39'26	16°58	8°55	10°38	17°41	4°40	1° 0	29°26	25° 2	2°42	27°45	28°58	15°47	13°41	T 14
W15	19 32 2	22°36'42	1♍43	10°41	11°51	18°22	4°51	1° 7	29°28	25° 3	2°43	27°40	28°55	15°54	13°45	W15
T 16	19 35 59	23°33'57	16° 3	12°24	13° 4	19° 3	5° 2	1°15	29°30	25° 5	2°44	27°38	28°52	16° 1	13°49	T 16
F 17	19 39 55	24°31'13	29°54	14° 6	14°18	19°44	5°13	1°22	29°32	25° 6	2°45	27°D37	28°48	16° 8	13°53	F 17
S 18	19 43 52	25°28'29	13♎17	15°45	15°31	20°25	5°24	1°30	29°34	25° 7	2°46	27°38	28°45	16°14	13°57	S 18
S 19	19 47 48	26°25'45	26°16	17°23	16°44	21° 6	5°36	1°37	29°36	25° 9	2°46	27°R38	28°42	16°21	14° 1	S 19
M20	19 51 45	27°23'01	8♏54	18°59	17°58	21°47	5°47	1°44	29°38	25°10	2°47	27°38	28°39	16°28	14° 5	M20
T 21	19 55 42	28°20'18	21°15	20°33	19°11	22°28	5°59	1°52	29°41	25°11	2°48	27°35	28°36	16°34	14° 9	T 21
W22	19 59 38	29°17'35	3♐24	22° 5	20°24	23° 9	6°10	1°59	29°43	25°12	2°49	27°30	28°32	16°41	14°13	W22
T 23	20 3 35	0♌14'52	15°25	23°35	21°38	23°49	6°22	2° 6	29°45	25°14	2°50	27°23	28°29	16°48	14°17	T 23
F 24	20 7 31	1°12'10	27°20	25° 3	22°51	24°30	6°33	2°13	29°47	25°15	2°51	27°14	28°26	16°55	14°21	F 24
S 25	20 11 28	2° 9'29	9♑13	26°30	24° 4	25°11	6°45	2°20	29°50	25°16	2°51	27° 4	28°23	17° 1	14°25	S 25
S 26	20 15 24	3° 6'48	21° 5	27°54	25°17	25°51	6°57	2°28	29°52	25°17	2°52	26°54	28°20	17° 8	14°29	S 26
M27	20 19 21	4° 4'07	2♒59	29°16	26°30	26°32	7° 9	2°35	29°55	25°18	2°53	26°44	28°17	17°15	14°33	M27
T 28	20 23 17	5° 1'28	14°55	0♍37	27°44	27°12	7°20	2°42	29°57	25°19	2°54	26°36	28°13	17°21	14°36	T 28
W29	20 27 14	5°58'49	26°56	1°55	28°57	27°52	7°32	2°49	29°59	25°20	2°54	26°30	28°10	17°28	14°40	W29
T 30	20 31 11	6°56'11	9♓ 3	3°11	0♍10	28°33	7°44	2°56	0♎ 2	25°21	2°55	26°27	28° 7	17°35	14°43	T 30
F 31	20 35 7	7♌53'35	21♓19	4♍25	1♍23	29♊13	7♍56	3♋ 3	0♎ 5	25♉22	2♊56	26°D25	28♍ 4	17♑42	14♊47	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 8	12s21	3n18	24n22	1n35	22n28	1n18	21n45	0s 1	11n37	1n 3	22n31	0s56	1n 2	0n44	17n18	1s42	8n23	12s31	0n29	0n 8	17s44	17n59	4s23
T 2	23 4	9 15	2 26	24 12	1 40	22 16	1 19	21 52	0 0	11 33	1 3	22 31	0 56	1 1	0 44	17 19	1 42	8 23	12 31	0 31	0 10	17 43	17 59	4 24
F 3	22 59	5 44	1 27	24 0	1 44	22 3	1 21	21 59	0n 1	11 29	1 3	22 31	0 56	1 1	0 43	17 19	1 42	8 23	12 31	0 32	0 11	17 43	17 59	4 24
S 4	22 54	1 55	0 23	23 46	1 47	21 50	1 22	22 6	0 1	11 25	1 3	22 32	0 55	1 0	0 43	17 19	1 42	8 23	12 31	0 33	0 12	17 42	18 0	4 24
S 5	22 49	2n 4	0s44	23 29	1 49	21 36	1 23	22 12	0 2	11 22	1 3	22 32	0 55	1 0	0 43	17 20	1 42	8 23	12 31	0 33	0 13	17 42	18 0	4 24
M 6	22 43	6 4	1 50	23 10	1 50	21 21	1 24	22 18	0 3	11 18	1 2	22 32	0 55	0 59	0 43	17 20	1 42	8 23	12 31	0 33	0 15	17 41	18 0	4 25
T 7	22 37	9 54	2 53	22 49	1 51	21 6	1 25	22 24	0 4	11 14	1 2	22 32	0 55	0 58	0 43	17 21	1 42	8 23	12 32	0 33	0 16	17 41	18 1	4 25
W 8	22 30	13 19	3 47	22 27	1 51	20 50	1 26	22 30	0 4	11 10	1 2	22 32	0 55	0 58	0 43	17 21	1 42	8 23	12 32	0 34	0 17	17 40	18 1	4 25
T 9	22 23	16 3	4 30	22 2	1 51	20 33	1 27	22 36	0 5	11 6	1 2	22 32	0 55	0 57	0 43	17 21	1 42	8 23	12 32	0 37	0 18	17 40	18 1	4 25
F 10	22 16	17 50	4 56	21 36	1 50	20 16	1 28	22 42	0 6	11 2	1 2	22 32	0 55	0 56	0 43	17 22	1 42	8 23	12 32	0 40	0 20	17 39	18 2	4 26
S 11	22 8	18 25	5 2	21 8	1 48	19 58	1 29	22 47	0 6	10 58	1 2	22 32	0 55	0 55	0 43	17 22	1 42	8 23	12 32	0 43	0 21	17 39	18 2	4 26
S 12	22 0	17 40	4 47	20 39	1 45	19 40	1 29	22 52	0 7	10 54	1 2	22 32	0 55	0 55	0 43	17 22	1 42	8 24	12 32	0 47	0 22	17 38	18 2	4 26
M13	21 51	15 40	4 11	20 9	1 42	19 21	1 30	22 57	0 8	10 50	1 2	22 32	0 55	0 54	0 43	17 22	1 42	8 24	12 32	0 51	0 23	17 38	18 2	4 26
T 14	21 42	12 36	3 19	19 38	1 39	19 2	1 31	23 1	0 9	10 46	1 2	22 32	0 55	0 53	0 43	17 23	1 42	8 24	12 33	0 54	0 25	17 37	18 2	4 27
W15	21 33	8 47	2 13	19 5	1 35	18 42	1 31	23 6	0 9	10 42	1 2	22 32	0 55	0 52	0 43	17 23	1 42	8 24	12 33	0 56	0 26	17 37	18 3	4 27
T 16	21 24	4 34	1 1	18 32	1 30	18 22	1 32	23 10	0 10	10 38	1 2	22 32	0 55	0 51	0 43	17 23	1 42	8 24	12 33	0 57	0 27	17 36	18 3	4 27
F 17	21 14	0 14	0n12	17 58	1 25	18 1	1 32	23 14	0 11	10 34	1 2	22 32	0 55	0 51	0 43	17 24	1 42	8 24	12 33	0 57	0 29	17 36	18 3	4 27
S 18	21 3	3s59	1 23	17 23	1 19	17 40	1 32	23 18	0 11	10 29	1 2	22 32	0 55	0 50	0 43	17 24	1 42	8 24	12 33	0 57	0 30	17 35	18 3	4 28
S 19	20 53	7 52	2 27	16 48	1 13	17 18	1 33	23 21	0 12	10 25	1 2	22 32	0 55	0 49	0 43	17 24	1 42	8 24	12 33	0 56	0 31	17 35	18 3	4 28
M20	20 42	11 17	3 22	16 12	1 7	16 56	1 33	23 25	0 13	10 21	1 2	22 32	0 55	0 48	0 43	17 24	1 43	8 24	12 34	0 57	0 32	17 34	18 4	4 28
T 21	20 30	14 7	4 6	15 36	1 0	16 33	1 33	23 28	0 14	10 17	1 1	22 32	0 55	0 47	0 43	17 25	1 43	8 24	12 34	0 58	0 34	17 34	18 4	4 29
W22	20 19	16 17	4 39	14 59	0 53	16 10	1 33	23 31	0 14	10 12	1 1	22 32	0 55	0 46	0 43	17 25	1 43	8 23	12 34	1 0	0 35	17 33	18 4	4 29
T 23	20 6	17 43	4 58	14 22	0 45	15 46	1 33	23 34	0 15	10 8	1 1	22 32	0 55	0 45	0 43	17 25	1 43	8 23	12 34	1 2	0 36	17 33	18 4	4 29
F 24	19 54	18 21	5 5	13 45	0 37	15 22	1 33	23 36	0 16	10 4	1 1	22 31	0 55	0 44	0 43	17 25	1 43	8 23	12 34	1 6	0 37	17 32	18 4	4 30
S 25	19 41	18 10	4 58	13 8	0 28	14 58	1 33	23 38	0 17	9 59	1 1	22 31	0 54	0 43	0 43	17 26	1 43	8 23	12 35	1 10	0 39	17 32	18 4	4 30
S 26	19 28	17 13	4 39	12 31	0 20	14 33	1 33	23 41	0 17	9 55	1 1	22 31	0 54	0 42	0 43	17 26	1 43	8 23	12 35	1 14	0 40	17 31	18 4	4 30
M27	19 15	15 30	4 7	11 54	0 11	14 8	1 32	23 42	0 18	9 50	1 1	22 31	0 54	0 41	0 43	17 26	1 43	8 23	12 35	1 18	0 41	17 31	18 4	4 31
T 28	19 1	13 7	3 24	11 17	0 1	13 42	1 32	23 44	0 19	9 46	1 1	22 31	0 54	0 40	0 43	17 26	1 43	8 23	12 35	1 21	0 42	17 30	18 5	4 31
W29	18 47	10 10	2 32	10 40	0s 8	13 16	1 31	23 46	0 20	9 41	1 1	22 31	0 54	0 39	0 42	17 26	1 43	8 23	12 35	1 23	0 44	17 30	18 5	4 31
T 30	18 33	6 45	1 32	10 4	0 18	12 50	1 31	23 47	0 20	9 37	1 1	22 31	0 54	0 38	0 42	17 27	1 43	8 23	12 36	1 25	0 45	17 29	18 5	4 32
F 31	18n18	3s 1	0n28	9n28	0s28	12n24	1n30	23n48	0n21	9n32	1n 1	22n31	0s54	0n37	0n42	17n27	1s43	8n23	12s36	1n26	0n46	17s28	18n 5	4s32

Julian Day Number = 2409723.5, Delta T = -4.38 sec
Ecliptic obliquity = 23°27'05, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°08'29, Lahiri = 22°15'29

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ASTRODIENST EPHEMERIS for the year 1885
geocentric

AUGUST 1885 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 39 4	8♌50'59	3♈46	5♍37	2♍36	29♊53	8♍ 8	3♋ 9	0♎ 8	25♉23	2♊56	26♍25	28♍ 1	17♂48	14♊50	S 1
S 2	20 43 0	9°48'24	16°28	6°46	3°49	0♋33	8°20	3°16	0°10	25°24	2°57	26°26	27°58	17°55	14°54	S 2
M 3	20 46 57	10°45'51	29°27	7°53	5° 2	1°13	8°33	3°23	0°13	25°25	2°58	26°27	27°54	18° 2	14°57	M 3
T 4	20 50 53	11°43'19	12♉48	8°58	6°15	1°53	8°45	3°30	0°16	25°26	2°58	26°R28	27°51	18° 8	15° 1	T 4
W 5	20 54 50	12°40'48	26°33	10° 0	7°29	2°33	8°57	3°36	0°19	25°26	2°59	26°27	27°48	18°15	15° 4	W 5
T 6	20 58 46	13°38'19	10♊42	10°59	8°42	3°13	9° 9	3°43	0°22	25°27	2°59	26°24	27°45	18°22	15° 7	T 6
F 7	21 2 43	14°35'51	25°15	11°55	9°55	3°52	9°22	3°50	0°25	25°28	3° 0	26°20	27°42	18°29	15°10	F 7
S 8	21 6 40	15°33'24	10♋ 7	12°49	11° 8	4°32	9°34	3°56	0°27	25°29	3° 1	26°15	27°38	18°35	15°14	S 8
S 9	21 10 36	16°30'59	25°11	13°39	12°21	5°12	9°46	4° 3	0°30	25°29	3° 1	26° 9	27°35	18°42	15°17	S 9
M10	21 14 33	17°28'34	10♌18	14°27	13°34	5°51	9°59	4° 9	0°33	25°30	3° 2	26° 3	27°32	18°49	15°20	M10
T 11	21 18 29	18°26'11	25°18	15°10	14°47	6°31	10°11	4°15	0°36	25°30	3° 2	25°59	27°29	18°55	15°23	T 11
W12	21 22 26	19°23'50	10♍ 3	15°51	16° 0	7°10	10°24	4°22	0°39	25°31	3° 2	25°56	27°26	19° 2	15°26	W12
T 13	21 26 22	20°21'29	24°25	16°27	17°13	7°50	10°36	4°28	0°43	25°32	3° 3	25°D55	27°23	19° 9	15°28	T 13
F 14	21 30 19	21°19'09	8♎22	16°59	18°25	8°29	10°49	4°34	0°46	25°32	3° 3	25°56	27°19	19°16	15°31	F 14
S 15	21 34 15	22°16'51	21°51	17°27	19°38	9° 8	11° 1	4°40	0°49	25°33	3° 4	25°57	27°16	19°22	15°34	S 15
S 16	21 38 12	23°14'33	4♏55	17°51	20°51	9°47	11°14	4°46	0°52	25°33	3° 4	25°59	27°13	19°29	15°37	S 16
M17	21 42 8	24°12'17	17°37	18°10	22° 4	10°27	11°27	4°52	0°55	25°33	3° 4	26° 0	27°10	19°36	15°39	M17
T 18	21 46 5	25°10'01	29°59	18°24	23°17	11° 6	11°39	4°58	0°58	25°34	3° 5	26°R 0	27° 7	19°42	15°42	T 18
W19	21 50 2	26° 7'47	12♐ 9	18°33	24°30	11°45	11°52	5° 4	1° 2	25°34	3° 5	25°59	27° 4	19°49	15°44	W19
T 20	21 53 58	27° 5'34	24° 8	18°R36	25°42	12°23	12° 5	5°10	1° 5	25°34	3° 5	25°56	27° 0	19°56	15°47	T 20
F 21	21 57 55	28° 3'22	6♑ 2	18°34	26°55	13° 2	12°18	5°16	1° 8	25°35	3° 6	25°53	26°57	20° 3	15°49	F 21
S 22	22 1 51	29° 1'11	17°54	18°26	28° 8	13°41	12°30	5°22	1°12	25°35	3° 6	25°48	26°54	20° 9	15°52	S 22
S 23	22 5 48	29°59'02	29°47	18°12	29°21	14°20	12°43	5°27	1°15	25°35	3° 6	25°44	26°51	20°16	15°54	S 23
M24	22 9 44	0♍56'54	11♒44	17°52	0♎33	14°58	12°56	5°33	1°18	25°35	3° 6	25°40	26°48	20°23	15°56	M24
T 25	22 13 41	1°54'47	23°47	17°27	1°46	15°37	13° 9	5°38	1°22	25°36	3° 6	25°36	26°44	20°29	15°58	T 25
W26	22 17 37	2°52'42	5♓58	16°55	2°59	16°15	13°22	5°44	1°25	25°36	3° 7	25°34	26°41	20°36	16° 0	W26
T 27	22 21 34	3°50'39	18°18	16°18	4°11	16°54	13°35	5°49	1°29	25°36	3° 7	25°33	26°38	20°43	16° 2	T 27
F 28	22 25 31	4°48'37	0♈49	15°36	5°24	17°32	13°47	5°54	1°32	25°36	3° 7	25°D33	26°35	20°50	16° 4	F 28
S 29	22 29 27	5°46'37	13°31	14°49	6°36	18°10	14° 0	5°59	1°36	25°R36	3° 7	25°34	26°32	20°56	16° 6	S 29
S 30	22 33 24	6°44'38	26°27	13°58	7°49	18°49	14°13	6° 5	1°39	25°36	3° 7	25°35	26°29	21° 3	16° 8	S 30
M31	22 37 20	7♍42'42	9♉38	13♍ 3	9♎ 1	19♋27	14♍26	6♋10	1♎43	25♉36	3♊ 7	25♍36	26♍25	21♂10	16♊10	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	18n 3	0n54	0s40	8n52	0s38	11n57	1n30	23n49	0n22	9n28	1n 1	22n31	0s54	0n36	0n42	17n27	1s43	8n23	12s36	1n26	0n47	17s28	18n 5	4s32	S 1
S 2	17 48	4 50	1 46	8 16	0 49	11 30	1 29	23 50	0 23	9 23	1 1	22 30	0 54	0 35	0 42	17 27	1 43	8 23	12 36	1 25	0 49	17 27	18 5	4 33	S 2
M 3	17 33	8 39	2 49	7 42	1 0	11 2	1 28	23 50	0 23	9 19	1 1	22 30	0 54	0 34	0 42	17 27	1 43	8 23	12 36	1 25	0 50	17 27	18 5	4 33	M 3
T 4	17 17	12 7	3 44	7 8	1 10	10 34	1 27	23 50	0 24	9 14	1 1	22 30	0 54	0 32	0 42	17 27	1 43	8 23	12 37	1 24	0 51	17 26	18 5	4 33	T 4
W 5	17 1	15 2	4 29	6 34	1 21	10 6	1 26	23 50	0 25	9 10	1 1	22 30	0 54	0 31	0 42	17 28	1 43	8 22	12 37	1 25	0 53	17 26	18 5	4 34	W 5
T 6	16 44	17 8	4 58	6 1	1 32	9 38	1 25	23 50	0 26	9 5	1 1	22 30	0 54	0 30	0 42	17 28	1 43	8 22	12 37	1 26	0 54	17 25	18 5	4 34	T 6
F 7	16 28	18 13	5 10	5 30	1 44	9 9	1 24	23 50	0 26	9 0	1 1	22 30	0 54	0 29	0 42	17 28	1 43	8 22	12 37	1 27	0 55	17 24	18 5	4 35	F 7
S 8	16 11	18 4	5 1	4 59	1 55	8 40	1 23	23 49	0 27	8 56	1 1	22 30	0 54	0 28	0 42	17 28	1 44	8 22	12 37	1 30	0 56	17 24	18 5	4 35	S 8
S 9	15 54	16 40	4 31	4 29	2 6	8 11	1 22	23 49	0 28	8 51	1 1	22 29	0 54	0 27	0 42	17 28	1 44	8 22	12 38	1 32	0 58	17 23	18 5	4 35	S 9
M10	15 36	14 6	3 43	4 1	2 17	7 42	1 20	23 48	0 29	8 46	1 1	22 29	0 54	0 25	0 42	17 28	1 44	8 22	12 38	1 34	0 59	17 23	18 5	4 36	M10
T 11	15 19	10 36	2 39	3 34	2 29	7 13	1 19	23 47	0 29	8 41	1 1	22 29	0 54	0 24	0 42	17 28	1 44	8 22	12 38	1 36	1 0	17 22	18 4	4 36	T 11
W12	15 1	6 29	1 25	3 8	2 40	6 43	1 18	23 45	0 30	8 37	1 1	22 29	0 54	0 23	0 42	17 28	1 44	8 22	12 38	1 37	1 1	17 22	18 4	4 36	W12
T 13	14 43	2 5	0 8	2 44	2 51	6 13	1 16	23 44	0 31	8 32	1 1	22 29	0 54	0 22	0 42	17 28	1 44	8 21	12 39	1 37	1 3	17 21	18 4	4 37	T 13
F 14	14 24	2s17	1n 7	2 21	3 2	5 43	1 14	23 42	0 32	8 27	1 1	22 28	0 54	0 20	0 42	17 28	1 44	8 21	12 39	1 37	1 4	17 20	18 4	4 37	F 14
S 15	14 6	6 24	2 17	2 0	3 12	5 13	1 13	23 40	0 32	8 22	1 1	22 28	0 54	0 19	0 42	17 28	1 44	8 21	12 39	1 37	1 5	17 20	18 4	4 38	S 15
S 16	13 47	10 4	3 17	1 41	3 23	4 43	1 11	23 38	0 33	8 18	1 1	22 28	0 54	0 18	0 42	17 28	1 44	8 21	12 39	1 36	1 6	17 19	18 4	4 38	S 16
M17	13 28	13 10	4 6	1 25	3 33	4 13	1 9	23 36	0 34	8 13	1 1	22 28	0 54	0 16	0 42	17 29	1 44	8 21	12 39	1 35	1 8	17 19	18 4	4 38	M17
T 18	13 8	15 34	4 41	1 11	3 43	3 42	1 7	23 34	0 35	8 8	1 1	22 28	0 54	0 15	0 42	17 29	1 44	8 21	12 40	1 35	1 9	17 18	18 4	4 39	T 18
W19	12 49	17 14	5 4	0 59	3 52	3 11	1 5	23 31	0 35	8 3	1 1	22 27	0 54	0 14	0 42	17 29	1 44	8 21	12 40	1 36	1 10	17 17	18 4	4 39	W19
T 20	12 29	18 7	5 13	0 50	4 0	2 41	1 3	23 28	0 36	7 58	1 1	22 27	0 54	0 13	0 42	17 29	1 44	8 20	12 40	1 37	1 11	17 17	18 3	4 40	T 20
F 21	12 9	18 11	5 8	0 43	4 8	2 10	1 1	23 26	0 37	7 53	1 1	22 27	0 54	0 11	0 42	17 29	1 44	8 20	12 40	1 38	1 13	17 16	18 3	4 40	F 21
S 22	11 49	17 28	4 50	0 40	4 15	1 39	0 59	23 22	0 38	7 48	1 1	22 27	0 54	0 10	0 42	17 29	1 44	8 20	12 41	1 40	1 14	17 16	18 3	4 40	S 22
S 23	11 29	15 58	4 20	0 40	4 21	1 8	0 57	23 19	0 38	7 43	1 1	22 27	0 54	0 9	0 42	17 29	1 44	8 20	12 41	1 42	1 15	17 15	18 3	4 41	S 23
M24	11 9	13 47	3 38	0 43	4 26	0 37	0 55	23 16	0 39	7 39	1 1	22 26	0 54	0 7	0 42	17 29	1 44	8 20	12 41	1 43	1 17	17 14	18 3	4 41	M24
T 25	10 48	10 59	2 46	0 50	4 29	0 6	0 53	23 12	0 40	7 34	1 1	22 26	0 54	0 6	0 42	17 29	1 44	8 19	12 41	1 45	1 18	17 14	18 2	4 42	T 25
W26	10 27	7 41	1 46	1 0	4 32	0s25	0 50	23 8	0 41	7 29	1 1	22 26	0 54	0 4	0 42	17 29	1 45	8 19	12 42	1 46	1 19	17 13	18 2	4 42	W26
T 27	10 6	4 1	0 40	1 13	4 32	0 56	0 48	23 4	0 42	7 24	1 1	22 26	0 54	0 3	0 42	17 29	1 45	8 19	12 42	1 46	1 20	17 12	18 2	4 43	T 27
F 28	9 45	0 7	0s29	1 30	4 32	1 27	0 45	23 0	0 42	7 19	1 1	22 25	0 54	0 2	0 42	17 28	1 45	8 19	12 42	1 46	1 22	17 12	18 2	4 43	F 28
S 29	9 24	3n50	1 38	1 51	4 29	1 58	0 43	22 56	0 43	7 14	1 1	22 25	0 54	0 0	0 42	17 28	1 45	8 19	12 42	1 46	1 23	17 11	18 2	4 44	S 29
S 30	9 2	7 41	2 42	2 15	4 24	2 29	0 40	22 51	0 44	7 9	1 1	22 25	0 54	0s 1	0 42	17 28	1 45	8 18	12 42	1 45	1 24	17 11	18 1	4 44	S 30
M31	8n41	11n13	3s40	2n41	4s18	3s 0	0n38	22n47	0n45	7n 4	1n 1	22n25	0s54	0s 3	0n42	17n28	1s45	8n18	12s43	1n45	1n25	17s10	18n 1	4s44	M31

Julian Day Number = 2409754.5, Delta T = -4.38 sec
Ecliptic obliquity = 23°27'06, Nutation = 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°08'33, Lahiri = 22°15'33

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ASTRODIENST EPHEMERIS for the year 1885
geocentric

SEPTEMBER 1885 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 41 17	8♍40'47	23♉ 5	12°R 7	10♎14	20♋ 5	14♍39	6♋15	1♎46	25°R36	3♊ 7	25♍37	26♍22	21♑16	16♊11	T 1
W 2	22 45 13	9°38'55	6♊49	11♍ 9	11°26	20°43	14°52	6°19	1°50	25♉36	3°R 7	25°R38	26°19	21°23	16°13	W 2
T 3	22 49 10	10°37'04	20°51	10°11	12°39	21°21	15° 5	6°24	1°53	25°35	3° 7	25°38	26°16	21°30	16°14	T 3
F 4	22 53 6	11°35'16	5♋ 9	9°15	13°51	21°58	15°18	6°29	1°57	25°35	3° 7	25°37	26°13	21°36	16°16	F 4
S 5	22 57 3	12°33'29	19°40	8°21	15° 3	22°36	15°31	6°34	2° 0	25°35	3° 7	25°35	26° 9	21°43	16°17	S 5
S 6	23 1 0	13°31'45	4♌21	7°30	16°16	23°14	15°44	6°38	2° 4	25°35	3° 7	25°34	26° 6	21°50	16°18	S 6
M 7	23 4 56	14°30'03	19° 6	6°45	17°28	23°52	15°57	6°43	2° 8	25°34	3° 7	25°33	26° 3	21°57	16°20	M 7
T 8	23 8 53	15°28'22	3♍46	6° 6	18°40	24°29	16°10	6°47	2°11	25°34	3° 7	25°32	26° 0	22° 3	16°21	T 8
W 9	23 12 49	16°26'43	18°17	5°35	19°52	25° 7	16°23	6°51	2°15	25°34	3° 7	25°31	25°57	22°10	16°22	W 9
T 10	23 16 46	17°25'06	2♎31	5°11	21° 5	25°44	16°36	6°56	2°19	25°33	3° 6	25°D31	25°54	22°17	16°23	T 10
F 11	23 20 42	18°23'31	16°24	4°55	22°17	26°21	16°49	7° 0	2°22	25°33	3° 6	25°31	25°50	22°23	16°24	F 11
S 12	23 24 39	19°21'58	29°54	4°D49	23°29	26°59	17° 2	7° 4	2°26	25°33	3° 6	25°32	25°47	22°30	16°25	S 12
S 13	23 28 35	20°20'26	13♏ 1	4°52	24°41	27°36	17°15	7° 8	2°30	25°32	3° 6	25°33	25°44	22°37	16°26	S 13
M14	23 32 32	21°18'56	25°46	5° 4	25°53	28°13	17°28	7°12	2°34	25°32	3° 6	25°33	25°41	22°44	16°26	M14
T 15	23 36 29	22°17'28	8♐12	5°26	27° 5	28°50	17°41	7°15	2°37	25°31	3° 5	25°33	25°38	22°50	16°27	T 15
W16	23 40 25	23°16'01	20°23	5°57	28°17	29°27	17°54	7°19	2°41	25°30	3° 5	25°R33	25°35	22°57	16°28	W16
T 17	23 44 22	24°14'36	2♑23	6°37	29°29	0♌ 4	18° 7	7°23	2°45	25°30	3° 5	25°33	25°31	23° 4	16°28	T 17
F 18	23 48 18	25°13'12	14°17	7°25	0♏41	0°40	18°20	7°26	2°49	25°29	3° 4	25°D33	25°28	23°10	16°29	F 18
S 19	23 52 15	26°11'51	26° 9	8°21	1°53	1°17	18°33	7°30	2°52	25°29	3° 4	25°33	25°25	23°17	16°29	S 19
S 20	23 56 11	27°10'31	8♒ 4	9°24	3° 5	1°54	18°46	7°33	2°56	25°28	3° 4	25°34	25°22	23°24	16°29	S 20
M21	0 0 8	28° 9'12	20° 4	10°35	4°17	2°30	18°59	7°36	3° 0	25°27	3° 3	25°34	25°19	23°31	16°30	M21
T 22	0 4 4	29° 7'56	2♓15	11°51	5°28	3° 6	19°11	7°39	3° 4	25°26	3° 3	25°34	25°15	23°37	16°30	T 22
W23	0 8 1	0♎ 6'41	14°37	13°13	6°40	3°43	19°24	7°42	3° 8	25°26	3° 3	25°34	25°12	23°44	16°R30	W23
T 24	0 11 57	1° 5'28	27°13	14°39	7°52	4°19	19°37	7°45	3°11	25°25	3° 2	25°R34	25° 9	23°51	16°30	T 24
F 25	0 15 54	2° 4'18	10♈ 3	16°10	9° 4	4°55	19°50	7°48	3°15	25°24	3° 2	25°34	25° 6	23°57	16°30	F 25
S 26	0 19 51	3° 3'09	23° 7	17°45	10°15	5°31	20° 3	7°51	3°19	25°23	3° 1	25°34	25° 3	24° 4	16°30	S 26
S 27	0 23 47	4° 2'02	6♉26	19°22	11°27	6° 7	20°16	7°53	3°23	25°22	3° 1	25°33	25° 0	24°11	16°29	S 27
M28	0 27 44	5° 0'58	19°58	21° 2	12°38	6°43	20°28	7°56	3°26	25°21	3° 0	25°32	24°56	24°17	16°29	M28
T 29	0 31 40	5°59'56	3♊42	22°44	13°50	7°19	20°41	7°58	3°30	25°20	3° 0	25°30	24°53	24°24	16°29	T 29
W30	0 35 37	6♎58'56	17♊37	24♍28	15♏ 1	7♌55	20♍54	8♋ 1	3♎34	25♉19	2♊59	25♍29	24♍50	24♑31	16♊28	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n19	14n15	4s27	3n11	4s 9	3s31	0n35	22n42	0n45	6n59	1n 1	22n25	0s54	0s 4	0n42	17n28	1s45	8n18	12s43	1n44	1n27	17s 9	18n 1	4s45
W 2	7 57	16 32	4 59	3 42	3 59	4 2	0 32	22 37	0 46	6 54	1 1	22 24	0 54	0 5	0 42	17 28	1 45	8 18	12 43	1 44	1 28	17 9	18 0	4 45
T 3	7 35	17 54	5 15	4 15	3 47	4 33	0 29	22 32	0 47	6 49	1 1	22 24	0 54	0 7	0 42	17 28	1 45	8 17	12 43	1 44	1 29	17 8	18 0	4 46
F 4	7 13	18 9	5 12	4 49	3 33	5 4	0 27	22 27	0 48	6 44	1 1	22 24	0 54	0 8	0 42	17 28	1 45	8 17	12 44	1 45	1 30	17 7	18 0	4 46
S 5	6 51	17 15	4 49	5 23	3 18	5 34	0 24	22 21	0 49	6 39	1 1	22 24	0 54	0 10	0 42	17 28	1 45	8 17	12 44	1 45	1 32	17 7	18 0	4 47
S 6	6 29	15 11	4 7	5 58	3 1	6 5	0 21	22 16	0 49	6 34	1 1	22 23	0 54	0 11	0 42	17 28	1 45	8 17	12 44	1 46	1 33	17 6	17 59	4 47
M 7	6 6	12 7	3 8	6 31	2 43	6 35	0 18	22 10	0 50	6 29	1 1	22 23	0 54	0 13	0 42	17 28	1 45	8 16	12 44	1 46	1 34	17 5	17 59	4 48
T 8	5 44	8 18	1 58	7 2	2 24	7 6	0 15	22 4	0 51	6 24	1 1	22 23	0 54	0 14	0 41	17 28	1 45	8 16	12 45	1 47	1 35	17 5	17 59	4 48
W 9	5 21	4 1	0 40	7 32	2 5	7 36	0 12	21 58	0 52	6 19	1 1	22 23	0 54	0 16	0 41	17 27	1 45	8 16	12 45	1 47	1 37	17 4	17 58	4 48
T 10	4 58	0s24	0n39	7 59	1 46	8 6	0 9	21 52	0 53	6 14	1 1	22 23	0 54	0 17	0 41	17 27	1 45	8 16	12 45	1 47	1 38	17 3	17 58	4 49
F 11	4 36	4 43	1 53	8 23	1 26	8 36	0 6	21 46	0 53	6 9	1 1	22 22	0 54	0 19	0 41	17 27	1 45	8 15	12 45	1 47	1 39	17 3	17 57	4 49
S 12	4 13	8 39	2 59	8 43	1 7	9 5	0 2	21 40	0 54	6 4	1 1	22 22	0 54	0 20	0 41	17 27	1 45	8 15	12 46	1 47	1 41	17 2	17 57	4 50
S 13	3 50	12 2	3 54	8 59	0 48	9 35	0s 1	21 33	0 55	5 59	1 1	22 22	0 54	0 22	0 41	17 27	1 46	8 15	12 46	1 46	1 42	17 1	17 57	4 50
M14	3 27	14 45	4 36	9 12	0 30	10 4	0 4	21 26	0 56	5 54	1 1	22 22	0 54	0 23	0 41	17 27	1 46	8 15	12 46	1 46	1 43	17 1	17 56	4 51
T 15	3 4	16 42	5 3	9 20	0 12	10 33	0 7	21 20	0 57	5 49	1 1	22 21	0 54	0 25	0 41	17 26	1 46	8 14	12 46	1 46	1 44	17 0	17 56	4 51
W16	2 40	17 51	5 16	9 24	0n 4	11 2	0 11	21 13	0 57	5 44	1 1	22 21	0 54	0 26	0 41	17 26	1 46	8 14	12 46	1 46	1 46	16 59	17 56	4 52
T 17	2 17	18 11	5 15	9 24	0 20	11 31	0 14	21 6	0 58	5 39	1 1	22 21	0 54	0 28	0 41	17 26	1 46	8 14	12 47	1 46	1 47	16 59	17 55	4 52
F 18	1 54	17 42	5 1	9 19	0 34	11 59	0 17	20 59	0 59	5 34	1 1	22 21	0 54	0 29	0 41	17 26	1 46	8 14	12 47	1 46	1 48	16 58	17 55	4 53
S 19	1 31	16 27	4 33	9 10	0 47	12 27	0 20	20 51	1 0	5 29	1 2	22 21	0 54	0 31	0 41	17 26	1 46	8 13	12 47	1 46	1 49	16 57	17 54	4 53
S 20	1 7	14 29	3 54	8 58	0 59	12 55	0 24	20 44	1 1	5 24	1 2	22 20	0 54	0 32	0 41	17 25	1 46	8 13	12 47	1 46	1 51	16 57	17 54	4 54
M21	0 44	11 53	3 5	8 41	1 10	13 23	0 27	20 37	1 2	5 19	1 2	22 20	0 54	0 34	0 41	17 25	1 46	8 13	12 47	1 46	1 52	16 56	17 53	4 54
T 22	0 21	8 43	2 6	8 21	1 19	13 50	0 31	20 29	1 2	5 14	1 2	22 20	0 54	0 35	0 41	17 25	1 46	8 13	12 48	1 46	1 53	16 55	17 53	4 54
W23	0s 3	5 8	1 0	7 57	1 27	14 17	0 34	20 21	1 3	5 9	1 2	22 20	0 54	0 37	0 41	17 25	1 46	8 12	12 48	1 46	1 54	16 54	17 53	4 55
T 24	0 26	1 15	0s 9	7 30	1 34	14 44	0 37	20 14	1 4	5 4	1 2	22 20	0 54	0 38	0 41	17 25	1 46	8 12	12 48	1 46	1 56	16 54	17 52	4 55
F 25	0 49	2n46	1 19	7 0	1 40	15 10	0 41	20 6	1 5	4 59	1 2	22 20	0 54	0 40	0 41	17 24	1 46	8 12	12 48	1 46	1 57	16 53	17 52	4 56
S 26	1 13	6 43	2 27	6 27	1 45	15 36	0 44	19 58	1 6	4 54	1 2	22 19	0 54	0 41	0 41	17 24	1 46	8 11	12 49	1 46	1 58	16 52	17 51	4 56
S 27	1 36	10 24	3 28	5 53	1 49	16 2	0 48	19 50	1 7	4 49	1 2	22 19	0 54	0 43	0 41	17 24	1 46	8 11	12 49	1 46	1 59	16 52	17 51	4 57
M28	2 0	13 36	4 18	5 16	1 51	16 27	0 51	19 41	1 7	4 44	1 2	22 19	0 54	0 44	0 41	17 23	1 46	8 11	12 49	1 47	2 1	16 51	17 50	4 57
T 29	2 23	16 5	4 54	4 37	1 53	16 52	0 55	19 33	1 8	4 39	1 2	22 19	0 54	0 46	0 41	17 23	1 46	8 11	12 49	1 47	2 2	16 50	17 50	4 58
W30	2s46	17n40	5s13	3n57	1n54	17s16	0s58	19n25	1n 9	4n34	1n 2	22n19	0s54	0s47	0n41	17n23	1s46	8n10	12s49	1n48	2n 3	16s49	17n49	4s58

Julian Day Number = 2409785.5, Delta T = -4.37 sec
Ecliptic obliquity = 23°27'06, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°08'37, Lahiri = 22°15'37

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ASTRODIENST EPHEMERIS for the year 1885
geocentric

OCTOBER 1885 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 39 33	7♎57'59	1♋40	26♍12	16♏12	8♌30	21♍ 7	8♋ 3	3♎38	25°R18	2°R58	25°D29	24♍47	24♉38	16°R28	T 1
F 2	0 43 30	8°57'04	15°50	27°58	17°24	9° 6	21°19	8° 5	3°42	25♉17	2♊58	25♍29	24°44	24°44	16♊27	F 2
S 3	0 47 26	9°56'11	0♌ 6	29°44	18°35	9°41	21°32	8° 7	3°45	25°16	2°57	25°30	24°40	24°51	16°26	S 3
S 4	0 51 23	10°55'20	14°23	1♎31	19°46	10°17	21°45	8° 9	3°49	25°15	2°57	25°31	24°37	24°58	16°26	S 4
M 5	0 55 20	11°54'32	28°40	3°18	20°57	10°52	21°57	8°10	3°53	25°14	2°56	25°32	24°34	25° 4	16°25	M 5
T 6	0 59 16	12°53'46	12♍53	5° 4	22° 9	11°27	22°10	8°12	3°57	25°13	2°55	25°33	24°31	25°11	16°24	T 6
W 7	1 3 13	13°53'03	26°59	6°51	23°20	12° 2	22°22	8°14	4° 0	25°12	2°55	25°R33	24°28	25°18	16°23	W 7
T 8	1 7 9	14°52'21	10♎52	8°37	24°31	12°37	22°35	8°15	4° 4	25°11	2°54	25°32	24°25	25°24	16°22	T 8
F 9	1 11 6	15°51'41	24°31	10°23	25°42	13°12	22°47	8°16	4° 8	25° 9	2°53	25°31	24°21	25°31	16°21	F 9
S 10	1 15 2	16°51'04	7♏53	12° 9	26°53	13°47	23° 0	8°18	4°12	25° 8	2°53	25°28	24°18	25°38	16°20	S 10
S 11	1 18 59	17°50'28	20°55	13°54	28° 4	14°21	23°12	8°19	4°15	25° 7	2°52	25°25	24°15	25°45	16°18	S 11
M12	1 22 55	18°49'55	3♐39	15°38	29°14	14°56	23°24	8°20	4°19	25° 6	2°51	25°21	24°12	25°51	16°17	M12
T 13	1 26 52	19°49'23	16° 6	17°22	0♐25	15°30	23°37	8°21	4°23	25° 4	2°50	25°18	24° 9	25°58	16°16	T 13
W14	1 30 49	20°48'53	28°17	19° 5	1°36	16° 5	23°49	8°22	4°26	25° 3	2°49	25°15	24° 6	26° 5	16°14	W14
T 15	1 34 45	21°48'25	10♑18	20°48	2°47	16°39	24° 1	8°22	4°30	25° 2	2°49	25°13	24° 2	26°11	16°13	T 15
F 16	1 38 42	22°47'59	22°11	22°30	3°57	17°13	24°13	8°23	4°34	25° 0	2°48	25°D12	23°59	26°18	16°11	F 16
S 17	1 42 38	23°47'34	4♒ 3	24°11	5° 8	17°47	24°26	8°23	4°37	24°59	2°47	25°13	23°56	26°25	16° 9	S 17
S 18	1 46 35	24°47'11	15°57	25°52	6°18	18°21	24°38	8°24	4°41	24°57	2°46	25°14	23°53	26°31	16° 8	S 18
M19	1 50 31	25°46'50	27°59	27°32	7°29	18°55	24°50	8°24	4°45	24°56	2°45	25°16	23°50	26°38	16° 6	M19
T 20	1 54 28	26°46'30	10♓13	29°11	8°39	19°28	25° 2	8°24	4°48	24°55	2°44	25°18	23°46	26°45	16° 4	T 20
W21	1 58 24	27°46'13	22°43	0♏50	9°49	20° 2	25°14	8°R24	4°52	24°53	2°44	25°R18	23°43	26°52	16° 2	W21
T 22	2 2 21	28°45'57	5♈32	2°28	10°59	20°35	25°25	8°24	4°55	24°52	2°43	25°18	23°40	26°58	16° 0	T 22
F 23	2 6 17	29°45'43	18°40	4° 6	12° 9	21° 8	25°37	8°24	4°59	24°50	2°42	25°16	23°37	27° 5	15°58	F 23
S 24	2 10 14	0♏45'31	2♉ 8	5°43	13°19	21°41	25°49	8°23	5° 2	24°49	2°41	25°12	23°34	27°12	15°56	S 24
S 25	2 14 11	1°45'21	15°54	7°19	14°29	22°14	26° 1	8°23	5° 6	24°47	2°40	25° 7	23°31	27°18	15°54	S 25
M26	2 18 7	2°45'13	29°55	8°55	15°39	22°47	26°12	8°22	5° 9	24°46	2°39	25° 1	23°27	27°25	15°52	M26
T 27	2 22 4	3°45'07	14♊ 5	10°31	16°49	23°20	26°24	8°22	5°13	24°44	2°38	24°55	23°24	27°32	15°49	T 27
W28	2 26 0	4°45'03	28°22	12° 6	17°58	23°53	26°35	8°21	5°16	24°42	2°37	24°49	23°21	27°38	15°47	W28
T 29	2 29 57	5°45'01	12♋39	13°40	19° 8	24°25	26°47	8°20	5°20	24°41	2°36	24°45	23°18	27°45	15°44	T 29
F 30	2 33 53	6°45'02	26°53	15°14	20°17	24°58	26°58	8°19	5°23	24°39	2°35	24°43	23°15	27°52	15°42	F 30
S 31	2 37 50	7♏45'05	11♌ 3	16♏48	21♐26	25♌30	27♍ 9	8♋18	5♎26	24♉38	2♊34	24°D43	23♍12	27♉59	15♊39	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s10	18n12	5s15	3n15	1n54	17s41	1s 1	19n16	1n10	4n29	1n 2	22n19	0s54	0s49	0n41	17n23	1s46	8n10	12s50	1n48	2n 4	16s49	17n49	4s59
F 2	3 33	17 36	4 57	2 32	1 53	18 4	1 5	19 8	1 11	4 24	1 2	22 18	0 54	0 50	0 41	17 22	1 46	8 10	12 50	1 48	2 6	16 48	17 48	4 59
S 3	3 56	15 54	4 21	1 49	1 52	18 27	1 8	18 59	1 12	4 19	1 3	22 18	0 54	0 52	0 41	17 22	1 46	8 9	12 50	1 48	2 7	16 47	17 48	4 59
S 4	4 19	13 12	3 28	1 5	1 50	18 50	1 12	18 50	1 13	4 14	1 3	22 18	0 54	0 53	0 41	17 22	1 47	8 9	12 50	1 47	2 8	16 47	17 47	5 0
M 5	4 43	9 42	2 23	0 20	1 47	19 13	1 15	18 42	1 13	4 9	1 3	22 18	0 54	0 55	0 41	17 21	1 47	8 9	12 50	1 47	2 10	16 46	17 47	5 0
T 6	5 6	5 39	1 9	0s26	1 44	19 35	1 18	18 33	1 14	4 4	1 3	22 18	0 54	0 56	0 41	17 21	1 47	8 8	12 50	1 46	2 11	16 45	17 46	5 1
W 7	5 29	1 19	0n 8	1 11	1 40	19 56	1 22	18 24	1 15	3 59	1 3	22 18	0 54	0 58	0 41	17 21	1 47	8 8	12 51	1 46	2 12	16 44	17 46	5 1
T 8	5 52	3s 1	1 24	1 57	1 36	20 17	1 25	18 15	1 16	3 55	1 3	22 18	0 54	0 59	0 41	17 21	1 47	8 8	12 51	1 46	2 13	16 44	17 45	5 2
F 9	6 15	7 8	2 33	2 42	1 32	20 37	1 28	18 6	1 17	3 50	1 3	22 18	0 54	1 1	0 41	17 20	1 47	8 8	12 51	1 47	2 15	16 43	17 44	5 2
S 10	6 37	10 47	3 32	3 28	1 27	20 57	1 32	17 56	1 18	3 45	1 3	22 18	0 54	1 2	0 41	17 20	1 47	8 7	12 51	1 48	2 16	16 42	17 44	5 3
S 11	7 0	13 49	4 19	4 13	1 22	21 17	1 35	17 47	1 19	3 40	1 3	22 18	0 54	1 4	0 41	17 20	1 47	8 7	12 51	1 49	2 17	16 41	17 43	5 3
M12	7 23	16 7	4 52	4 58	1 17	21 36	1 38	17 38	1 20	3 35	1 3	22 17	0 54	1 5	0 41	17 19	1 47	8 7	12 51	1 51	2 18	16 41	17 43	5 4
T 13	7 45	17 35	5 10	5 43	1 11	21 54	1 41	17 29	1 20	3 31	1 3	22 17	0 54	1 7	0 41	17 19	1 47	8 6	12 52	1 52	2 20	16 40	17 42	5 4
W14	8 8	18 13	5 14	6 28	1 6	22 12	1 44	17 19	1 21	3 26	1 4	22 17	0 54	1 8	0 41	17 19	1 47	8 6	12 52	1 53	2 21	16 39	17 42	5 4
T 15	8 30	18 1	5 3	7 12	1 0	22 29	1 48	17 10	1 22	3 21	1 4	22 17	0 54	1 9	0 41	17 18	1 47	8 6	12 52	1 54	2 22	16 38	17 41	5 5
F 16	8 52	17 1	4 40	7 56	0 53	22 46	1 51	17 0	1 23	3 16	1 4	22 17	0 54	1 11	0 41	17 18	1 47	8 6	12 52	1 54	2 23	16 38	17 40	5 5
S 17	9 14	15 17	4 5	8 39	0 47	23 2	1 54	16 51	1 24	3 12	1 4	22 17	0 54	1 12	0 41	17 17	1 47	8 5	12 52	1 54	2 25	16 37	17 40	5 6
S 18	9 36	12 54	3 19	9 22	0 41	23 17	1 57	16 41	1 25	3 7	1 4	22 17	0 54	1 14	0 41	17 17	1 47	8 5	12 52	1 54	2 26	16 36	17 39	5 6
M19	9 58	9 55	2 24	10 4	0 34	23 32	2 0	16 31	1 26	3 2	1 4	22 17	0 54	1 15	0 41	17 17	1 47	8 5	12 52	1 53	2 27	16 35	17 39	5 6
T 20	10 20	6 29	1 22	10 46	0 28	23 46	2 2	16 22	1 27	2 58	1 4	22 17	0 54	1 17	0 41	17 16	1 47	8 4	12 53	1 52	2 28	16 35	17 38	5 7
W21	10 41	2 40	0 14	11 26	0 21	24 0	2 5	16 12	1 28	2 53	1 4	22 17	0 54	1 18	0 41	17 16	1 47	8 4	12 53	1 52	2 30	16 34	17 37	5 7
T 22	11 2	1n21	0s56	12 7	0 14	24 13	2 8	16 2	1 29	2 48	1 5	22 17	0 54	1 19	0 41	17 16	1 47	8 4	12 53	1 52	2 31	16 33	17 37	5 8
F 23	11 24	5 24	2 4	12 46	0 7	24 25	2 11	15 52	1 30	2 44	1 5	22 17	0 54	1 21	0 41	17 15	1 47	8 4	12 53	1 53	2 32	16 32	17 36	5 8
S 24	11 45	9 18	3 7	13 25	0 1	24 37	2 13	15 43	1 31	2 39	1 5	22 17	0 54	1 22	0 41	17 15	1 47	8 3	12 53	1 54	2 33	16 31	17 36	5 8
S 25	12 5	12 46	4 1	14 3	0s 6	24 48	2 16	15 33	1 32	2 35	1 5	22 17	0 54	1 24	0 42	17 14	1 47	8 3	12 53	1 57	2 35	16 31	17 35	5 9
M26	12 26	15 34	4 41	14 41	0 13	24 58	2 18	15 23	1 32	2 30	1 5	22 17	0 54	1 25	0 42	17 14	1 47	8 3	12 53	1 59	2 36	16 30	17 34	5 9
T 27	12 46	17 28	5 4	15 17	0 20	25 8	2 21	15 13	1 33	2 26	1 5	22 17	0 54	1 26	0 42	17 14	1 47	8 2	12 53	2 1	2 37	16 29	17 34	5 10
W28	13 7	18 17	5 9	15 53	0 26	25 17	2 23	15 3	1 34	2 21	1 5	22 17	0 54	1 28	0 42	17 13	1 47	8 2	12 53	2 3	2 38	16 28	17 33	5 10
T 29	13 27	17 57	4 55	16 28	0 33	25 26	2 26	14 53	1 35	2 17	1 5	22 17	0 54	1 29	0 42	17 13	1 47	8 2	12 54	2 5	2 40	16 27	17 33	5 10
F 30	13 47	16 30	4 23	17 3	0 40	25 33	2 28	14 43	1 36	2 13	1 6	22 18	0 54	1 30	0 42	17 12	1 47	8 2	12 54	2 6	2 41	16 27	17 32	5 11
S 31	14s 6	14n 2	3s34	17s36	0s46	25s40	2s30	14n33	1n37	2n 8	1n 6	22n18	0s54	1s32	0n42	17n12	1s47	8n 1	12s54	2n 6	2n42	16s26	17n31	5s11

Julian Day Number = 2409815.5, Delta T = -4.36 sec
Ecliptic obliquity = 23°27'06, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°08'41, Lahiri = 22°15'42

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ASTRODIENST EPHEMERIS for the year 1885
geocentric

NOVEMBER 1885 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 41 46	8♏45'10	25♌ 6	18♏21	22♐36	26♌ 2	27♍21	8°R17	5♎30	24°R36	2°R33	24♍44	23♍ 8	28♉ 5	15°R37	S 1
M 2	2 45 43	9°45'17	9♍ 1	19°54	23°45	26°34	27°32	8♋15	5°33	24♉35	2♊32	24°45	23° 5	28°12	15♊34	M 2
T 3	2 49 40	10°45'26	22°48	21°26	24°54	27° 6	27°43	8°14	5°36	24°33	2°31	24°R46	23° 2	28°19	15°31	T 3
W 4	2 53 36	11°45'37	6♎26	22°58	26° 3	27°37	27°54	8°12	5°40	24°31	2°30	24°45	22°59	28°25	15°29	W 4
T 5	2 57 33	12°45'50	19°54	24°29	27°11	28° 9	28° 5	8°11	5°43	24°30	2°29	24°43	22°56	28°32	15°26	T 5
F 6	3 1 29	13°46'05	3♏11	26° 1	28°20	28°40	28°16	8° 9	5°46	24°28	2°28	24°37	22°52	28°39	15°23	F 6
S 7	3 5 26	14°46'22	16°15	27°31	29°29	29°11	28°26	8° 7	5°49	24°26	2°27	24°30	22°49	28°45	15°20	S 7
S 8	3 9 22	15°46'41	29° 5	29° 2	0♑37	29°42	28°37	8° 5	5°52	24°25	2°26	24°21	22°46	28°52	15°17	S 8
M 9	3 13 19	16°47'01	11♐41	0♐32	1°46	0♍13	28°48	8° 3	5°56	24°23	2°25	24°11	22°43	28°59	15°14	M 9
T 10	3 17 15	17°47'23	24° 3	2° 1	2°54	0°44	28°58	8° 1	5°59	24°21	2°23	24° 1	22°40	29° 6	15°11	T 10
W11	3 21 12	18°47'47	6♑12	3°30	4° 2	1°15	29° 9	7°59	6° 2	24°20	2°22	23°52	22°37	29°12	15° 8	W11
T 12	3 25 9	19°48'11	18°11	4°59	5°10	1°45	29°19	7°56	6° 5	24°18	2°21	23°45	22°33	29°19	15° 5	T 12
F 13	3 29 5	20°48'38	0♒ 3	6°28	6°17	2°15	29°29	7°54	6° 8	24°16	2°20	23°40	22°30	29°26	15° 2	F 13
S 14	3 33 2	21°49'06	11°52	7°55	7°25	2°45	29°39	7°51	6°11	24°14	2°19	23°37	22°27	29°32	14°59	S 14
S 15	3 36 58	22°49'35	23°44	9°23	8°32	3°15	29°50	7°48	6°13	24°13	2°18	23°D37	22°24	29°39	14°55	S 15
M16	3 40 55	23°50'05	5♓44	10°49	9°40	3°44	29°59	7°46	6°16	24°11	2°17	23°37	22°21	29°46	14°52	M16
T 17	3 44 51	24°50'36	17°57	12°16	10°47	4°14	0♎ 9	7°43	6°19	24° 9	2°16	23°R38	22°17	29°52	14°49	T 17
W18	3 48 48	25°51'09	0♈28	13°41	11°54	4°43	0°19	7°40	6°22	24° 8	2°15	23°38	22°14	29°59	14°45	W18
T 19	3 52 44	26°51'43	13°21	15° 6	13° 0	5°12	0°29	7°37	6°25	24° 6	2°13	23°36	22°11	0♒ 6	14°42	T 19
F 20	3 56 41	27°52'18	26°39	16°30	14° 7	5°41	0°38	7°34	6°27	24° 4	2°12	23°32	22° 8	0°12	14°39	F 20
S 21	4 0 38	28°52'55	10♉23	17°53	15°13	6°10	0°48	7°30	6°30	24° 3	2°11	23°25	22° 5	0°19	14°35	S 21
S 22	4 4 34	29°53'33	24°31	19°15	16°19	6°38	0°57	7°27	6°33	24° 1	2°10	23°16	22° 2	0°26	14°32	S 22
M23	4 8 31	0♐54'13	8♊58	20°36	17°25	7° 6	1° 7	7°24	6°35	23°59	2° 9	23° 5	21°58	0°33	14°28	M23
T 24	4 12 27	1°54'53	23°38	21°55	18°31	7°35	1°16	7°20	6°38	23°58	2° 8	22°54	21°55	0°39	14°25	T 24
W25	4 16 24	2°55'36	8♋23	23°13	19°36	8° 2	1°25	7°17	6°40	23°56	2° 7	22°44	21°52	0°46	14°21	W25
T 26	4 20 20	3°56'20	23° 4	24°30	20°42	8°30	1°34	7°13	6°43	23°54	2° 5	22°36	21°49	0°53	14°18	T 26
F 27	4 24 17	4°57'05	7♌36	25°44	21°47	8°57	1°43	7° 9	6°45	23°53	2° 4	22°31	21°46	0°59	14°14	F 27
S 28	4 28 13	5°57'52	21°54	26°56	22°51	9°25	1°51	7° 5	6°48	23°51	2° 3	22°28	21°43	1° 6	14°10	S 28
S 29	4 32 10	6°58'40	5♍56	28° 5	23°56	9°51	2° 0	7° 2	6°50	23°49	2° 2	22°D27	21°39	1°13	14° 7	S 29
M30	4 36 7	7♐59'30	19♍42	29♐12	25♑ 0	10♍18	2♎ 8	6♋58	6♎52	23♉48	2♊ 1	22°R28	21♍36	1♒19	14♊ 3	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s26	10n45	2s34	18s 8	0s53	25s47	2s32	14n23	1n38	2n 4	1n 6	22n18	0s54	1s33	0n42	17n12	1s47	8n 1	12s54	2n 6	2n44	16s25	17n31	5s11
M 2	14 45	6 53	1 24	18 40	0 59	25 52	2 34	14 13	1 39	2 0	1 6	22 18	0 54	1 34	0 42	17 11	1 47	8 1	12 54	2 5	2 45	16 24	17 30	5 12
T 3	15 4	2 42	0 11	19 11	1 5	25 57	2 36	14 3	1 40	1 55	1 6	22 18	0 54	1 35	0 42	17 11	1 47	8 1	12 54	2 5	2 46	16 23	17 29	5 12
W 4	15 22	1s36	1n 3	19 40	1 11	26 1	2 38	13 53	1 41	1 51	1 6	22 18	0 54	1 37	0 42	17 10	1 47	8 0	12 54	2 5	2 47	16 23	17 29	5 13
T 5	15 41	5 46	2 11	20 9	1 17	26 5	2 40	13 43	1 42	1 47	1 6	22 18	0 54	1 38	0 42	17 10	1 47	8 0	12 54	2 6	2 49	16 22	17 28	5 13
F 6	15 59	9 34	3 12	20 37	1 23	26 8	2 41	13 33	1 43	1 43	1 7	22 18	0 54	1 39	0 42	17 10	1 47	8 0	12 54	2 8	2 50	16 21	17 28	5 13
S 7	16 17	12 51	4 1	21 4	1 29	26 10	2 43	13 23	1 44	1 38	1 7	22 18	0 54	1 40	0 42	17 9	1 47	8 0	12 54	2 11	2 51	16 20	17 27	5 14
S 8	16 34	15 27	4 37	21 29	1 35	26 11	2 44	13 13	1 45	1 34	1 7	22 18	0 54	1 42	0 42	17 9	1 47	7 59	12 54	2 15	2 52	16 19	17 26	5 14
M 9	16 52	17 16	4 58	21 54	1 40	26 12	2 45	13 4	1 46	1 30	1 7	22 19	0 54	1 43	0 42	17 8	1 47	7 59	12 54	2 19	2 54	16 18	17 26	5 14
T 10	17 9	18 14	5 6	22 18	1 45	26 12	2 47	12 54	1 47	1 26	1 7	22 19	0 54	1 44	0 42	17 8	1 47	7 59	12 54	2 23	2 55	16 18	17 25	5 14
W11	17 25	18 20	4 59	22 40	1 50	26 11	2 48	12 44	1 49	1 22	1 7	22 19	0 54	1 45	0 42	17 8	1 47	7 59	12 54	2 26	2 56	16 17	17 24	5 15
T 12	17 42	17 37	4 39	23 1	1 55	26 10	2 49	12 34	1 50	1 18	1 8	22 19	0 54	1 46	0 42	17 7	1 47	7 58	12 54	2 29	2 57	16 16	17 24	5 15
F 13	17 58	16 8	4 7	23 22	2 0	26 8	2 50	12 24	1 51	1 14	1 8	22 19	0 54	1 48	0 42	17 7	1 47	7 58	12 54	2 31	2 59	16 15	17 23	5 15
S 14	18 14	13 58	3 24	23 41	2 4	26 5	2 50	12 14	1 52	1 10	1 8	22 19	0 54	1 49	0 42	17 6	1 47	7 58	12 54	2 32	3 0	16 14	17 23	5 16
S 15	18 29	11 12	2 33	23 59	2 8	26 1	2 51	12 4	1 53	1 7	1 8	22 20	0 54	1 50	0 42	17 6	1 47	7 58	12 54	2 32	3 1	16 13	17 22	5 16
M16	18 44	7 57	1 34	24 15	2 12	25 57	2 52	11 55	1 54	1 3	1 8	22 20	0 54	1 51	0 42	17 6	1 47	7 58	12 54	2 32	3 2	16 13	17 21	5 16
T 17	18 59	4 18	0 30	24 31	2 15	25 52	2 52	11 45	1 55	0 59	1 8	22 20	0 54	1 52	0 42	17 5	1 47	7 57	12 54	2 32	3 4	16 12	17 21	5 16
W18	19 14	0 22	0s36	24 45	2 18	25 47	2 52	11 35	1 56	0 55	1 9	22 20	0 54	1 53	0 42	17 5	1 47	7 57	12 54	2 32	3 5	16 11	17 20	5 17
T 19	19 28	3n41	1 43	24 57	2 21	25 41	2 53	11 25	1 57	0 52	1 9	22 20	0 54	1 54	0 42	17 4	1 47	7 57	12 54	2 33	3 6	16 10	17 20	5 17
F 20	19 42	7 42	2 46	25 9	2 24	25 34	2 53	11 16	1 58	0 48	1 9	22 21	0 54	1 55	0 42	17 4	1 47	7 57	12 54	2 34	3 7	16 9	17 19	5 17
S 21	19 55	11 26	3 42	25 19	2 26	25 26	2 53	11 6	1 59	0 44	1 9	22 21	0 54	1 56	0 42	17 3	1 47	7 57	12 54	2 37	3 9	16 8	17 18	5 17
S 22	20 8	14 37	4 25	25 28	2 27	25 18	2 52	10 57	2 1	0 41	1 9	22 21	0 54	1 57	0 42	17 3	1 47	7 56	12 54	2 41	3 10	16 7	17 18	5 18
M23	20 21	16 59	4 53	25 35	2 28	25 9	2 52	10 47	2 2	0 37	1 10	22 21	0 54	1 58	0 42	17 3	1 47	7 56	12 54	2 45	3 11	16 7	17 17	5 18
T 24	20 33	18 16	5 2	25 41	2 29	25 0	2 51	10 38	2 3	0 34	1 10	22 21	0 54	1 59	0 42	17 2	1 47	7 56	12 54	2 49	3 12	16 6	17 17	5 18
W25	20 45	18 21	4 51	25 45	2 29	24 50	2 51	10 29	2 4	0 30	1 10	22 22	0 53	2 0	0 42	17 2	1 47	7 56	12 54	2 53	3 14	16 5	17 16	5 18
T 26	20 57	17 11	4 21	25 48	2 28	24 39	2 50	10 19	2 5	0 27	1 10	22 22	0 53	2 1	0 42	17 2	1 47	7 56	12 54	2 56	3 15	16 4	17 15	5 18
F 27	21 8	14 56	3 34	25 50	2 27	24 28	2 49	10 10	2 6	0 24	1 10	22 22	0 53	2 2	0 42	17 1	1 47	7 55	12 54	2 58	3 16	16 3	17 15	5 19
S 28	21 19	11 47	2 34	25 50	2 25	24 16	2 48	10 1	2 8	0 21	1 11	22 22	0 53	2 3	0 42	17 1	1 47	7 55	12 54	2 59	3 17	16 2	17 14	5 19
S 29	21 29	8 0	1 26	25 49	2 23	24 4	2 47	9 52	2 9	0 17	1 11	22 23	0 53	2 4	0 42	17 0	1 47	7 55	12 54	3 0	3 19	16 1	17 14	5 19
M30	21s39	3n51	0s15	25s46	2s19	23s51	2s45	9n43	2n10	0n14	1n11	22n23	0s53	2s 5	0n42	17n 0	1s47	7n55	12s54	3n 0	3n20	16s 0	17n13	5s19

Julian Day Number = 2409846.5, Delta T = -4.35 sec
Ecliptic obliquity = 23°27'06, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°08'45, Lahiri = 22°15'46

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1885
geocentric

DECEMBER 1885 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 40 3	9♐ 0'21	3♎13	0♑14	26♑ 4	10♍45	2♎17	6°R54	6♎55	23°R46	2°R 0	22°R27	21♍33	1♒26	14°R 0	T 1
W 2	4 44 0	10° 1'14	16°30	1°13	27° 7	11°11	2°25	6♋49	6°57	23♉44	1♊59	22♍25	21°30	1°33	13♊56	W 2
T 3	4 47 56	11° 2'08	29°35	2° 8	28°11	11°37	2°33	6°45	6°59	23°43	1°58	22°20	21°27	1°39	13°52	T 3
F 4	4 51 53	12° 3'03	12♏30	2°57	29°14	12° 2	2°41	6°41	7° 1	23°41	1°56	22°13	21°23	1°46	13°49	F 4
S 5	4 55 49	13° 3'59	25°13	3°40	0♒17	12°28	2°49	6°37	7° 3	23°40	1°55	22° 2	21°20	1°53	13°45	S 5
S 6	4 59 46	14° 4'57	7♐46	4°17	1°19	12°53	2°56	6°32	7° 5	23°38	1°54	21°48	21°17	2° 0	13°41	S 6
M 7	5 3 42	15° 5'56	20° 9	4°47	2°21	13°18	3° 4	6°28	7° 7	23°36	1°53	21°34	21°14	2° 6	13°38	M 7
T 8	5 7 39	16° 6'55	2♑22	5° 7	3°23	13°42	3°11	6°24	7° 9	23°35	1°52	21°19	21°11	2°13	13°34	T 8
W 9	5 11 36	17° 7'55	14°25	5°19	4°24	14° 7	3°19	6°19	7°11	23°33	1°51	21° 6	21° 8	2°20	13°30	W 9
T 10	5 15 32	18° 8'56	26°20	5°R21	5°25	14°31	3°26	6°15	7°13	23°32	1°50	20°55	21° 4	2°26	13°27	T 10
F 11	5 19 29	19° 9'58	8♒10	5°12	6°25	14°54	3°33	6°10	7°15	23°30	1°49	20°46	21° 1	2°33	13°23	F 11
S 12	5 23 25	20°11'00	19°58	4°52	7°26	15°18	3°40	6° 5	7°16	23°29	1°48	20°41	20°58	2°40	13°20	S 12
S 13	5 27 22	21°12'03	1♓47	4°20	8°25	15°41	3°47	6° 1	7°18	23°27	1°47	20°38	20°55	2°46	13°16	S 13
M14	5 31 18	22°13'06	13°44	3°37	9°25	16° 3	3°53	5°56	7°20	23°26	1°46	20°37	20°52	2°53	13°12	M14
T 15	5 35 15	23°14'10	25°52	2°43	10°23	16°26	4° 0	5°51	7°21	23°25	1°45	20°37	20°49	3° 0	13° 9	T 15
W16	5 39 11	24°15'14	8♈19	1°38	11°22	16°48	4° 6	5°46	7°23	23°23	1°44	20°37	20°45	3° 6	13° 5	W16
T 17	5 43 8	25°16'18	21° 8	0°26	12°19	17° 9	4°12	5°42	7°24	23°22	1°42	20°35	20°42	3°13	13° 2	T 17
F 18	5 47 5	26°17'23	4♉25	29♐ 8	13°17	17°31	4°18	5°37	7°26	23°20	1°41	20°30	20°39	3°20	12°58	F 18
S 19	5 51 1	27°18'28	18°12	27°46	14°13	17°52	4°24	5°32	7°27	23°19	1°40	20°23	20°36	3°27	12°55	S 19
S 20	5 54 58	28°19'33	2♊27	26°23	15° 9	18°12	4°29	5°27	7°28	23°18	1°39	20°13	20°33	3°33	12°51	S 20
M21	5 58 54	29°20'39	17° 9	25° 2	16° 5	18°33	4°35	5°22	7°30	23°16	1°38	20° 2	20°29	3°40	12°48	M21
T 22	6 2 51	0♑21'45	2♋ 8	23°46	17° 0	18°53	4°40	5°17	7°31	23°15	1°37	19°50	20°26	3°47	12°44	T 22
W23	6 6 47	1°22'51	17°16	22°37	17°54	19°12	4°46	5°12	7°32	23°14	1°36	19°39	20°23	3°53	12°41	W23
T 24	6 10 44	2°23'58	2♌23	21°36	18°48	19°31	4°51	5° 7	7°33	23°13	1°36	19°30	20°20	4° 0	12°37	T 24
F 25	6 14 41	3°25'06	17°18	20°45	19°41	19°50	4°55	5° 2	7°34	23°11	1°35	19°24	20°17	4° 7	12°34	F 25
S 26	6 18 37	4°26'13	1♍55	20° 4	20°33	20° 8	5° 0	4°57	7°35	23°10	1°34	19°21	20°14	4°13	12°31	S 26
S 27	6 22 34	5°27'22	16° 9	19°34	21°24	20°26	5° 5	4°52	7°36	23° 9	1°33	19°D20	20°10	4°20	12°27	S 27
M28	6 26 30	6°28'30	0♎ 1	19°14	22°15	20°44	5° 9	4°47	7°37	23° 8	1°32	19°R20	20° 7	4°27	12°24	M28
T 29	6 30 27	7°29'40	13°30	19°D 4	23° 5	21° 1	5°13	4°42	7°38	23° 7	1°31	19°20	20° 4	4°33	12°21	T 29
W30	6 34 23	8°30'49	26°39	19° 4	23°54	21°17	5°17	4°38	7°38	23° 6	1°30	19°19	20° 1	4°40	12°18	W30
T 31	6 38 20	9♑31'59	9♏32	19♐13	24♒42	21♍33	5♎21	4♋33	7♎39	23♉ 5	1♊29	19♍15	19♍58	4♒47	12♊15	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s49	0s25	0n57	25s42	2s15	23s38	2s44	9n34	2n11	0n11	1n11	22n23	0s53	2s 6	0n42	17n 0	1s47	7n55	12s54	3n 0	3n21	16s 0	17n13	5s19
W 2	21 58	4 35	2 4	25 36	2 10	23 24	2 42	9 25	2 12	0 8	1 11	22 23	0 53	2 7	0 42	16 59	1 47	7 55	12 54	3 1	3 22	15 59	17 12	5 19
T 3	22 7	8 29	3 3	25 30	2 4	23 9	2 40	9 16	2 14	0 5	1 12	22 24	0 53	2 7	0 42	16 59	1 47	7 55	12 54	3 2	3 24	15 58	17 11	5 19
F 4	22 15	11 55	3 52	25 21	1 56	22 54	2 38	9 8	2 15	0 2	1 12	22 24	0 53	2 8	0 42	16 58	1 47	7 54	12 54	3 6	3 25	15 57	17 11	5 20
S 5	22 23	14 44	4 28	25 12	1 48	22 38	2 36	8 59	2 16	0s 1	1 12	22 24	0 53	2 9	0 42	16 58	1 47	7 54	12 54	3 10	3 26	15 56	17 10	5 20
S 6	22 30	16 50	4 51	25 1	1 38	22 22	2 34	8 51	2 17	0 4	1 12	22 25	0 53	2 10	0 43	16 58	1 47	7 54	12 54	3 15	3 27	15 55	17 10	5 20
M 7	22 37	18 6	5 0	24 49	1 27	22 6	2 31	8 42	2 19	0 7	1 13	22 25	0 53	2 11	0 43	16 57	1 47	7 54	12 54	3 21	3 29	15 54	17 9	5 20
T 8	22 44	18 32	4 54	24 36	1 15	21 49	2 28	8 34	2 20	0 9	1 13	22 25	0 53	2 11	0 43	16 57	1 47	7 54	12 53	3 27	3 30	15 53	17 9	5 20
W 9	22 50	18 6	4 36	24 22	1 2	21 31	2 25	8 26	2 21	0 12	1 13	22 25	0 53	2 12	0 43	16 57	1 47	7 54	12 53	3 32	3 31	15 52	17 8	5 20
T 10	22 55	16 53	4 5	24 7	0 47	21 14	2 22	8 18	2 23	0 15	1 13	22 26	0 53	2 13	0 43	16 56	1 47	7 54	12 53	3 36	3 32	15 51	17 8	5 20
F 11	23 1	14 57	3 24	23 51	0 30	20 55	2 19	8 10	2 24	0 17	1 13	22 26	0 53	2 13	0 43	16 56	1 47	7 54	12 53	3 40	3 34	15 51	17 7	5 20
S 12	23 5	12 23	2 35	23 35	0 13	20 37	2 16	8 2	2 25	0 20	1 14	22 26	0 53	2 14	0 43	16 56	1 47	7 54	12 53	3 42	3 35	15 50	17 7	5 20
S 13	23 10	9 19	1 38	23 17	0n 6	20 17	2 12	7 54	2 27	0 22	1 14	22 27	0 52	2 15	0 43	16 55	1 47	7 54	12 53	3 43	3 36	15 49	17 6	5 20
M14	23 13	5 51	0 36	22 59	0 25	19 58	2 8	7 46	2 28	0 25	1 14	22 27	0 52	2 15	0 43	16 55	1 47	7 53	12 53	3 43	3 37	15 48	17 6	5 20
T 15	23 17	2 4	0s28	22 40	0 45	19 38	2 4	7 39	2 29	0 27	1 14	22 27	0 52	2 16	0 43	16 55	1 47	7 53	12 53	3 43	3 39	15 47	17 5	5 20
W16	23 20	1n53	1 32	22 21	1 5	19 18	2 0	7 32	2 31	0 29	1 15	22 27	0 52	2 16	0 43	16 54	1 47	7 53	12 52	3 43	3 40	15 46	17 5	5 20
T 17	23 22	5 52	2 34	22 2	1 25	18 58	1 56	7 24	2 32	0 31	1 15	22 28	0 52	2 17	0 43	16 54	1 47	7 53	12 52	3 44	3 41	15 45	17 4	5 20
F 18	23 24	9 43	3 30	21 43	1 44	18 37	1 51	7 17	2 33	0 34	1 15	22 28	0 52	2 17	0 43	16 54	1 47	7 53	12 52	3 46	3 42	15 44	17 4	5 20
S 19	23 25	13 10	4 15	21 24	2 2	18 16	1 46	7 10	2 35	0 36	1 15	22 28	0 52	2 18	0 43	16 53	1 47	7 53	12 52	3 49	3 44	15 43	17 4	5 20
S 20	23 26	15 59	4 47	21 7	2 18	17 55	1 41	7 4	2 36	0 38	1 16	22 29	0 52	2 18	0 43	16 53	1 47	7 53	12 52	3 53	3 45	15 42	17 3	5 20
M21	23 27	17 51	5 0	20 50	2 32	17 33	1 36	6 57	2 38	0 40	1 16	22 29	0 52	2 19	0 43	16 53	1 47	7 53	12 52	3 57	3 46	15 41	17 3	5 20
T 22	23 27	18 32	4 54	20 35	2 43	17 11	1 30	6 51	2 39	0 42	1 16	22 29	0 52	2 19	0 43	16 53	1 47	7 53	12 52	4 2	3 47	15 40	17 2	5 20
W23	23 27	17 55	4 27	20 23	2 52	16 49	1 25	6 44	2 41	0 43	1 16	22 29	0 52	2 20	0 43	16 52	1 47	7 53	12 51	4 6	3 49	15 39	17 2	5 20
T 24	23 26	16 3	3 41	20 12	2 59	16 27	1 19	6 38	2 42	0 45	1 17	22 30	0 51	2 20	0 43	16 52	1 46	7 53	12 51	4 9	3 50	15 38	17 2	5 20
F 25	23 24	13 6	2 41	20 5	3 4	16 5	1 13	6 32	2 44	0 47	1 17	22 30	0 51	2 21	0 43	16 52	1 46	7 53	12 51	4 12	3 51	15 38	17 1	5 20
S 26	23 23	9 23	1 31	19 59	3 6	15 42	1 6	6 26	2 45	0 49	1 17	22 30	0 51	2 21	0 43	16 52	1 46	7 53	12 51	4 13	3 52	15 37	17 1	5 20
S 27	23 20	5 12	0 17	19 57	3 6	15 19	1 0	6 21	2 47	0 50	1 17	22 31	0 51	2 21	0 43	16 51	1 46	7 53	12 51	4 13	3 54	15 36	17 1	5 20
M28	23 18	0 52	0n56	19 57	3 4	14 56	0 53	6 15	2 48	0 52	1 18	22 31	0 51	2 22	0 43	16 51	1 46	7 53	12 51	4 13	3 55	15 35	17 0	5 20
T 29	23 14	3s25	2 5	19 59	3 1	14 33	0 46	6 10	2 50	0 53	1 18	22 31	0 51	2 22	0 43	16 51	1 46	7 53	12 50	4 13	3 56	15 34	17 0	5 20
W30	23 11	7 25	3 4	20 4	2 57	14 10	0 39	6 5	2 51	0 54	1 18	22 31	0 51	2 22	0 43	16 51	1 46	7 53	12 50	4 14	3 57	15 33	17 0	5 20
T 31	23s 7	10s59	3n53	20s10	2n52	13s47	0s31	6n 0	2n53	0s56	1n18	22n32	0s51	2s22	0n43	16n50	1s46	7n53	12s50	4n16	3n59	15s32	16n59	5s20

Julian Day Number = 2409876.5, Delta T = -4.34 sec
Ecliptic obliquity = 23°27'05, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°08'50, Lahiri = 22°15'50

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ASTRODIENST EPHEMERIS for the year 1886
geocentric

JANUARY 1886 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 42 16	10♑33'10	22♏10	19♐30	25♒29	21♍49	5♎25	4°R28	7♎40	23°R 4	1°R28	19°R 8	19♍55	4♒53	12°R11	F 1
S 2	6 46 13	11°34'20	4♐38	19°55	26°16	22° 4	5°28	4♋23	7°40	23♉ 3	1♊27	18♍59	19°51	5° 0	12♊ 8	S 2
S 3	6 50 10	12°35'31	16°55	20°26	27° 1	22°19	5°32	4°18	7°41	23° 2	1°27	18°47	19°48	5° 7	12° 5	S 3
M 4	6 54 6	13°36'42	29° 4	21° 4	27°45	22°33	5°35	4°13	7°41	23° 1	1°26	18°34	19°45	5°13	12° 2	M 4
T 5	6 58 3	14°37'53	11♑ 6	21°46	28°29	22°46	5°38	4° 8	7°42	23° 0	1°25	18°21	19°42	5°20	12° 0	T 5
W 6	7 1 59	15°39'04	23° 2	22°34	29°11	22°59	5°41	4° 3	7°42	22°59	1°24	18° 9	19°39	5°27	11°57	W 6
T 7	7 5 56	16°40'14	4♒54	23°26	29°52	23°12	5°43	3°59	7°42	22°58	1°24	17°59	19°35	5°34	11°54	T 7
F 8	7 9 52	17°41'24	16°42	24°22	0♓32	23°24	5°46	3°54	7°43	22°57	1°23	17°51	19°32	5°40	11°51	F 8
S 9	7 13 49	18°42'34	28°30	25°21	1°10	23°35	5°48	3°49	7°43	22°56	1°22	17°47	19°29	5°47	11°48	S 9
S 10	7 17 45	19°43'43	10♓20	26°23	1°48	23°46	5°50	3°44	7°43	22°56	1°21	17°44	19°26	5°54	11°46	S 10
M11	7 21 42	20°44'52	22°17	27°29	2°24	23°56	5°52	3°40	7°43	22°55	1°21	17°D44	19°23	6° 0	11°43	M11
T 12	7 25 39	21°46'00	4♈24	28°36	2°58	24° 6	5°54	3°35	7°R43	22°54	1°20	17°45	19°20	6° 7	11°41	T 12
W13	7 29 35	22°47'07	16°47	29°46	3°31	24°15	5°55	3°31	7°43	22°53	1°19	17°R46	19°16	6°14	11°38	W13
T 14	7 33 32	23°48'14	29°31	0♑58	4° 3	24°24	5°56	3°26	7°43	22°53	1°19	17°46	19°13	6°20	11°36	T 14
F 15	7 37 28	24°49'20	12♉40	2°12	4°33	24°32	5°57	3°22	7°43	22°52	1°18	17°44	19°10	6°27	11°33	F 15
S 16	7 41 25	25°50'25	26°18	3°27	5° 1	24°39	5°58	3°17	7°43	22°52	1°17	17°40	19° 7	6°34	11°31	S 16
S 17	7 45 21	26°51'30	10♊26	4°44	5°27	24°45	5°59	3°13	7°42	22°51	1°17	17°35	19° 4	6°40	11°29	S 17
M18	7 49 18	27°52'33	25° 3	6° 2	5°52	24°51	6° 0	3° 9	7°42	22°50	1°16	17°27	19° 1	6°47	11°27	M18
T 19	7 53 14	28°53'36	10♋ 3	7°21	6°15	24°57	6° 0	3° 4	7°42	22°50	1°16	17°19	18°57	6°54	11°24	T 19
W20	7 57 11	29°54'38	25°18	8°42	6°36	25° 1	6°R 0	3° 0	7°41	22°50	1°15	17°12	18°54	7° 0	11°22	W20
T 21	8 1 8	0♒55'39	10♌37	10° 4	6°55	25° 5	6° 0	2°56	7°41	22°49	1°15	17° 6	18°51	7° 7	11°20	T 21
F 22	8 5 4	1°56'40	25°49	11°27	7°12	25° 8	6° 0	2°52	7°40	22°49	1°14	17° 2	18°48	7°14	11°19	F 22
S 23	8 9 1	2°57'40	10♍44	12°51	7°27	25°11	5°59	2°48	7°40	22°48	1°14	17°D 0	18°45	7°20	11°17	S 23
S 24	8 12 57	3°58'39	25°16	14°16	7°40	25°13	5°59	2°44	7°39	22°48	1°13	17° 0	18°41	7°27	11°15	S 24
M25	8 16 54	4°59'38	9♎23	15°41	7°50	25°14	5°58	2°41	7°38	22°48	1°13	17° 1	18°38	7°34	11°13	M25
T 26	8 20 50	6° 0'36	23° 2	17° 8	7°59	25°R14	5°57	2°37	7°38	22°47	1°12	17° 3	18°35	7°40	11°12	T 26
W27	8 24 47	7° 1'33	6♏16	18°35	8° 5	25°14	5°56	2°33	7°37	22°47	1°12	17°R 4	18°32	7°47	11°10	W27
T 28	8 28 43	8° 2'30	19° 8	20° 3	8° 8	25°12	5°55	2°30	7°36	22°47	1°12	17° 3	18°29	7°54	11° 8	T 28
F 29	8 32 40	9° 3'26	1♐41	21°32	8°R 9	25°10	5°53	2°26	7°35	22°47	1°11	17° 0	18°26	8° 1	11° 7	F 29
S 30	8 36 37	10° 4'22	14° 0	23° 2	8° 8	25° 8	5°51	2°23	7°34	22°47	1°11	16°56	18°22	8° 7	11° 6	S 30
S 31	8 40 33	11♒ 5'16	26♐ 8	24♑32	8♓ 4	25♍ 4	5♎49	2♋19	7♎33	22♉47	1♊11	16♍51	18♍19	8♒14	11♊ 4	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 2	13s58	4n30	20s17	2n45	13s24	0s24	5n55	2n54	0s57	1n19	22n32	0s51	2s23	0n43	16n50	1s46	7n53	12s50	4n18	4n 0	15s31	16n59	5s20
S 2	22 57	16 16	4 53	20 26	2 38	13 1	0 16	5 50	2 56	0 58	1 19	22 32	0 50	2 23	0 43	16 50	1 46	7 53	12 49	4 22	4 1	15 30	16 59	5 20
S 3	22 51	17 48	5 2	20 36	2 31	12 38	0 7	5 46	2 57	0 59	1 19	22 33	0 50	2 23	0 44	16 50	1 46	7 53	12 49	4 26	4 2	15 29	16 58	5 19
M 4	22 45	18 30	4 57	20 47	2 23	12 15	0n 1	5 42	2 59	1 0	1 20	22 33	0 50	2 23	0 44	16 50	1 46	7 53	12 49	4 31	4 4	15 28	16 58	5 19
T 5	22 39	18 21	4 39	20 58	2 14	11 51	0 10	5 38	3 1	1 1	1 20	22 33	0 50	2 23	0 44	16 49	1 46	7 53	12 49	4 37	4 5	15 27	16 58	5 19
W 6	22 32	17 23	4 9	21 9	2 5	11 28	0 19	5 34	3 2	1 2	1 20	22 33	0 50	2 23	0 44	16 49	1 46	7 54	12 49	4 41	4 6	15 26	16 58	5 19
T 7	22 25	15 41	3 28	21 21	1 56	11 5	0 28	5 31	3 4	1 3	1 20	22 34	0 50	2 23	0 44	16 49	1 46	7 54	12 48	4 45	4 7	15 25	16 57	5 19
F 8	22 17	13 19	2 38	21 33	1 47	10 42	0 37	5 28	3 5	1 3	1 21	22 34	0 50	2 24	0 44	16 49	1 46	7 54	12 48	4 48	4 9	15 24	16 57	5 19
S 9	22 9	10 25	1 41	21 44	1 38	10 20	0 47	5 24	3 7	1 4	1 21	22 34	0 50	2 24	0 44	16 49	1 46	7 54	12 48	4 50	4 10	15 23	16 57	5 19
S 10	22 0	7 5	0 40	21 55	1 29	9 57	0 57	5 22	3 9	1 5	1 21	22 34	0 50	2 24	0 44	16 49	1 46	7 54	12 48	4 51	4 11	15 22	16 57	5 19
M11	21 51	3 26	0s24	22 6	1 20	9 35	1 7	5 19	3 10	1 5	1 21	22 35	0 49	2 24	0 44	16 48	1 46	7 54	12 47	4 51	4 12	15 21	16 57	5 18
T 12	21 41	0n24	1 28	22 16	1 10	9 13	1 18	5 17	3 12	1 5	1 22	22 35	0 49	2 24	0 44	16 48	1 46	7 54	12 47	4 51	4 14	15 20	16 56	5 18
W13	21 32	4 18	2 30	22 26	1 1	8 51	1 29	5 15	3 14	1 6	1 22	22 35	0 49	2 23	0 44	16 48	1 45	7 54	12 47	4 50	4 15	15 19	16 56	5 18
T 14	21 21	8 6	3 25	22 35	0 52	8 29	1 40	5 13	3 15	1 6	1 22	22 35	0 49	2 23	0 44	16 48	1 45	7 54	12 47	4 50	4 16	15 18	16 56	5 18
F 15	21 10	11 38	4 12	22 43	0 43	8 8	1 51	5 11	3 17	1 6	1 23	22 36	0 49	2 23	0 44	16 48	1 45	7 54	12 46	4 51	4 17	15 17	16 56	5 18
S 16	20 59	14 41	4 47	22 50	0 34	7 47	2 2	5 10	3 19	1 6	1 23	22 36	0 49	2 23	0 44	16 48	1 45	7 55	12 46	4 52	4 19	15 16	16 56	5 17
S 17	20 48	16 59	5 5	22 56	0 26	7 26	2 14	5 9	3 20	1 6	1 23	22 36	0 49	2 23	0 44	16 48	1 45	7 55	12 46	4 55	4 20	15 15	16 56	5 17
M18	20 36	18 17	5 5	23 2	0 17	7 6	2 26	5 8	3 22	1 6	1 23	22 36	0 48	2 23	0 44	16 48	1 45	7 55	12 46	4 58	4 21	15 14	16 56	5 17
T 19	20 24	18 21	4 44	23 6	0 9	6 46	2 39	5 7	3 24	1 6	1 24	22 37	0 48	2 23	0 44	16 48	1 45	7 55	12 45	5 1	4 22	15 13	16 56	5 17
W20	20 11	17 7	4 3	23 9	0 1	6 27	2 51	5 7	3 25	1 6	1 24	22 37	0 48	2 23	0 44	16 48	1 45	7 55	12 45	5 4	4 24	15 12	16 56	5 17
T 21	19 58	14 38	3 4	23 12	0s 7	6 8	3 4	5 7	3 27	1 6	1 24	22 37	0 48	2 22	0 44	16 48	1 45	7 55	12 45	5 6	4 25	15 11	16 56	5 16
F 22	19 44	11 10	1 52	23 13	0 15	5 49	3 17	5 7	3 29	1 5	1 25	22 37	0 48	2 22	0 44	16 48	1 45	7 56	12 45	5 7	4 26	15 10	16 56	5 16
S 23	19 30	7 1	0 34	23 13	0 23	5 32	3 30	5 8	3 30	1 5	1 25	22 38	0 48	2 22	0 44	16 48	1 45	7 56	12 44	5 8	4 27	15 9	16 56	5 16
S 24	19 16	2 34	0n45	23 11	0 30	5 15	3 43	5 9	3 32	1 5	1 25	22 38	0 47	2 22	0 44	16 47	1 45	7 56	12 44	5 8	4 29	15 8	16 56	5 16
M25	19 2	1s54	1 58	23 9	0 38	4 58	3 57	5 10	3 34	1 4	1 25	22 38	0 47	2 21	0 44	16 47	1 45	7 56	12 44	5 8	4 30	15 7	16 56	5 15
T 26	18 47	6 7	3 3	23 5	0 45	4 43	4 10	5 11	3 35	1 3	1 26	22 38	0 47	2 21	0 44	16 47	1 45	7 56	12 44	5 7	4 31	15 6	16 56	5 15
W27	18 32	9 54	3 56	23 0	0 51	4 28	4 24	5 13	3 37	1 3	1 26	22 39	0 47	2 21	0 44	16 47	1 45	7 57	12 43	5 7	4 32	15 5	16 56	5 15
T 28	18 16	13 6	4 35	22 54	0 58	4 13	4 38	5 15	3 39	1 2	1 26	22 39	0 47	2 20	0 44	16 47	1 45	7 57	12 43	5 7	4 34	15 4	16 56	5 15
F 29	18 0	15 37	5 0	22 47	1 4	4 0	4 52	5 17	3 40	1 1	1 26	22 39	0 47	2 20	0 44	16 48	1 45	7 57	12 43	5 8	4 35	15 3	16 56	5 14
S 30	17 44	17 21	5 11	22 38	1 10	3 48	5 6	5 20	3 42	1 0	1 27	22 39	0 47	2 19	0 44	16 48	1 44	7 57	12 42	5 10	4 36	15 2	16 56	5 14
S 31	17s27	18s17	5n 7	22s28	1s16	3s36	5n20	5n23	3n43	0s59	1n27	22n39	0s46	2s19	0n45	16n48	1s44	7n57	12s42	5n12	4n37	15s 1	16n56	5s14

Julian Day Number = 2409907.5, Delta T = -4.33 sec
Ecliptic obliquity = 23°27'05, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°08'54, Lahiri = 22°15'54

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ASTRODIENST EPHEMERIS for the year 1886
geocentric

FEBRUARY 1886 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 44 30	12♒ 6'10	8♉ 8	26♉ 4	7°R58	25°R 0	5°R47	2°R16	7°R32	22°R47	1°R10	16°R44	18♍16	8♒21	11°R 3	M 1
T 2	8 48 26	13° 7'03	20° 2	27°36	7♓49	24♍55	5♎45	2♋13	7♎31	22°D47	1♊10	16♍37	18°13	8°27	11♊ 2	T 2
W 3	8 52 23	14° 7'55	1♒52	29° 9	7°38	24°49	5°42	2°10	7°30	22♉47	1°10	16°31	18°10	8°34	11° 1	W 3
T 4	8 56 19	15° 8'45	13°41	0♒42	7°24	24°42	5°40	2° 7	7°28	22°47	1°10	16°26	18° 7	8°41	11° 0	T 4
F 5	9 0 16	16° 9'35	25°31	2°16	7° 8	24°35	5°37	2° 4	7°27	22°47	1° 9	16°23	18° 3	8°47	10°59	F 5
S 6	9 4 12	17°10'23	7♓22	3°51	6°49	24°26	5°34	2° 1	7°26	22°47	1° 9	16°21	18° 0	8°54	10°58	S 6
S 7	9 8 9	18°11'09	19°18	5°27	6°28	24°17	5°31	1°59	7°24	22°47	1° 9	16°D20	17°57	9° 1	10°58	S 7
M 8	9 12 6	19°11'55	1♈21	7° 4	6° 4	24° 8	5°27	1°56	7°23	22°47	1° 9	16°21	17°54	9° 7	10°57	M 8
T 9	9 16 2	20°12'38	13°34	8°41	5°39	23°57	5°24	1°54	7°22	22°48	1° 9	16°23	17°51	9°14	10°56	T 9
W10	9 19 59	21°13'21	26° 1	10°20	5°11	23°45	5°20	1°51	7°20	22°48	1° 9	16°24	17°47	9°21	10°56	W10
T 11	9 23 55	22°14'01	8♉45	11°59	4°42	23°33	5°16	1°49	7°19	22°48	1° 9	16°26	17°44	9°27	10°55	T 11
F 12	9 27 52	23°14'40	21°50	13°38	4°11	23°20	5°12	1°47	7°17	22°48	1° 9	16°R26	17°41	9°34	10°55	F 12
S 13	9 31 48	24°15'17	5♊19	15°19	3°38	23° 7	5° 8	1°45	7°15	22°49	1° 9	16°26	17°38	9°41	10°55	S 13
S 14	9 35 45	25°15'53	19°14	17° 1	3° 3	22°52	5° 3	1°43	7°14	22°49	1°D 9	16°25	17°35	9°47	10°54	S 14
M15	9 39 41	26°16'27	3♋34	18°43	2°28	22°37	4°58	1°41	7°12	22°50	1° 9	16°22	17°32	9°54	10°54	M15
T 16	9 43 38	27°16'59	18°18	20°27	1°52	22°21	4°54	1°39	7°10	22°50	1° 9	16°20	17°28	10° 1	10°D54	T 16
W17	9 47 35	28°17'29	3♌20	22°11	1°15	22° 5	4°49	1°38	7° 8	22°51	1° 9	16°17	17°25	10° 7	10°54	W17
T 18	9 51 31	29°17'58	18°31	23°56	0°37	21°48	4°44	1°36	7° 7	22°51	1° 9	16°15	17°22	10°14	10°54	T 18
F 19	9 55 28	0♓18'25	3♍42	25°42	29♒59	21°30	4°39	1°35	7° 5	22°52	1° 9	16°14	17°19	10°21	10°55	F 19
S 20	9 59 24	1°18'50	18°42	27°29	29°22	21°12	4°33	1°33	7° 3	22°52	1° 9	16°D14	17°16	10°27	10°55	S 20
S 21	10 3 21	2°19'14	3♎25	29°17	28°45	20°53	4°28	1°32	7° 1	22°53	1° 9	16°14	17°12	10°34	10°55	S 21
M22	10 7 17	3°19'36	17°44	1♓ 6	28° 9	20°33	4°22	1°31	6°59	22°54	1° 9	16°15	17° 9	10°41	10°56	M22
T 23	10 11 14	4°19'56	1♏36	2°56	27°33	20°13	4°16	1°30	6°57	22°54	1°10	16°17	17° 6	10°47	10°56	T 23
W24	10 15 10	5°20'16	15° 0	4°47	26°58	19°52	4°10	1°29	6°55	22°55	1°10	16°17	17° 3	10°54	10°57	W24
T 25	10 19 7	6°20'34	27°59	6°38	26°25	19°31	4° 4	1°29	6°53	22°56	1°10	16°18	17° 0	11° 1	10°57	T 25
F 26	10 23 3	7°20'50	10♐36	8°31	25°53	19°10	3°58	1°28	6°51	22°57	1°10	16°R18	16°57	11° 7	10°58	F 26
S 27	10 27 0	8°21'06	22°55	10°24	25°24	18°48	3°52	1°27	6°48	22°58	1°10	16°18	16°53	11°14	10°59	S 27
S 28	10 30 57	9♓21'19	5♉ 1	12♓18	24♒55	18♍25	3♎45	1♋27	6♎46	22♉58	1♊11	16♍17	16♍50	11♒21	11♊ 0	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	17s10	18s23	4n50	22s17	1s21	3s26	5n33	5n26	3n45	0s58	1n27	22n40	0s46	2s18	0n45	16n48	1s44	7n58	12s42	5n14	4n39	15s 0	16n56	5s14	M 1
T 2	16 53	17 40	4 20	22 4	1 27	3 16	5 47	5 29	3 46	0 57	1 27	22 40	0 46	2 18	0 45	16 48	1 44	7 58	12 42	5 17	4 40	14 58	16 56	5 13	T 2
W 3	16 36	16 11	3 40	21 50	1 31	3 7	6 1	5 33	3 48	0 56	1 28	22 40	0 46	2 18	0 45	16 48	1 44	7 58	12 41	5 19	4 41	14 57	16 56	5 13	W 3
T 4	16 18	14 1	2 49	21 34	1 36	3 0	6 14	5 37	3 49	0 54	1 28	22 40	0 46	2 17	0 45	16 48	1 44	7 58	12 41	5 21	4 42	14 56	16 56	5 13	T 4
F 5	16 0	11 16	1 52	21 18	1 40	2 54	6 28	5 41	3 51	0 53	1 28	22 41	0 46	2 16	0 45	16 48	1 44	7 59	12 41	5 23	4 43	14 55	16 56	5 13	F 5
S 6	15 42	8 3	0 49	20 59	1 45	2 48	6 41	5 46	3 52	0 51	1 28	22 41	0 45	2 16	0 45	16 48	1 44	7 59	12 40	5 23	4 45	14 54	16 57	5 12	S 6
S 7	15 23	4 29	0s16	20 40	1 48	2 44	6 53	5 50	3 53	0 50	1 29	22 41	0 45	2 15	0 45	16 48	1 44	7 59	12 40	5 24	4 46	14 53	16 57	5 12	S 7
M 8	15 4	0 43	1 22	20 19	1 52	2 41	7 6	5 56	3 55	0 48	1 29	22 41	0 45	2 15	0 45	16 48	1 44	7 59	12 40	5 23	4 47	14 52	16 57	5 12	M 8
T 9	14 45	3n 8	2 24	19 57	1 55	2 40	7 17	6 1	3 56	0 47	1 29	22 41	0 45	2 14	0 45	16 48	1 44	8 0	12 40	5 23	4 48	14 51	16 57	5 12	T 9
W10	14 26	6 55	3 21	19 33	1 58	2 39	7 29	6 7	3 57	0 45	1 29	22 42	0 45	2 14	0 45	16 48	1 44	8 0	12 39	5 22	4 50	14 50	16 57	5 11	W10
T 11	14 6	10 28	4 10	19 8	2 0	2 40	7 39	6 13	3 59	0 43	1 30	22 42	0 45	2 13	0 45	16 49	1 44	8 0	12 39	5 21	4 51	14 49	16 58	5 11	T 11
F 12	13 47	13 36	4 47	18 41	2 2	2 41	7 49	6 19	4 0	0 41	1 30	22 42	0 44	2 12	0 45	16 49	1 44	8 0	12 39	5 21	4 52	14 48	16 58	5 11	F 12
S 13	13 27	16 7	5 10	18 13	2 4	2 44	7 58	6 25	4 1	0 39	1 30	22 42	0 44	2 12	0 45	16 49	1 44	8 1	12 38	5 21	4 53	14 47	16 58	5 10	S 13
S 14	13 6	17 47	5 15	17 44	2 5	2 49	8 7	6 32	4 2	0 38	1 30	22 42	0 44	2 11	0 45	16 49	1 43	8 1	12 38	5 22	4 55	14 46	16 58	5 10	S 14
M15	12 46	18 23	5 2	17 13	2 6	2 54	8 14	6 39	4 3	0 35	1 31	22 43	0 44	2 10	0 45	16 49	1 43	8 1	12 38	5 23	4 56	14 45	16 59	5 10	M15
T 16	12 25	17 46	4 28	16 40	2 6	3 0	8 21	6 46	4 4	0 33	1 31	22 43	0 44	2 10	0 45	16 49	1 43	8 2	12 37	5 24	4 57	14 44	16 59	5 9	T 16
W17	12 4	15 55	3 36	16 7	2 6	3 8	8 27	6 53	4 4	0 31	1 31	22 43	0 44	2 9	0 45	16 50	1 43	8 2	12 37	5 25	4 58	14 42	16 59	5 9	W17
T 18	11 43	12 57	2 28	15 32	2 6	3 16	8 32	7 0	4 5	0 29	1 31	22 43	0 43	2 8	0 45	16 50	1 43	8 2	12 37	5 25	5 0	14 41	17 0	5 9	T 18
F 19	11 22	9 5	1 9	14 55	2 5	3 25	8 36	7 8	4 6	0 27	1 31	22 43	0 43	2 7	0 45	16 50	1 43	8 3	12 37	5 26	5 1	14 40	17 0	5 9	F 19
S 20	11 1	4 41	0n14	14 17	2 4	3 35	8 39	7 16	4 6	0 24	1 32	22 44	0 43	2 6	0 45	16 50	1 43	8 3	12 36	5 26	5 2	14 39	17 0	5 8	S 20
S 21	10 39	0 5	1 34	13 38	2 2	3 46	8 41	7 24	4 7	0 22	1 32	22 44	0 43	2 6	0 45	16 50	1 43	8 3	12 36	5 26	5 3	14 38	17 1	5 8	S 21
M22	10 17	4s24	2 46	12 57	2 0	3 57	8 42	7 32	4 7	0 20	1 32	22 44	0 43	2 5	0 45	16 51	1 43	8 4	12 36	5 26	5 5	14 37	17 1	5 8	M22
T 23	9 56	8 30	3 46	12 15	1 57	4 9	8 42	7 40	4 8	0 17	1 32	22 44	0 43	2 4	0 45	16 51	1 43	8 4	12 35	5 25	5 6	14 36	17 1	5 7	T 23
W24	9 34	12 1	4 31	11 31	1 53	4 21	8 41	7 49	4 8	0 15	1 32	22 44	0 42	2 3	0 45	16 51	1 43	8 4	12 35	5 25	5 7	14 35	17 2	5 7	W24
T 25	9 11	14 49	5 1	10 47	1 50	4 34	8 39	7 57	4 8	0 12	1 33	22 44	0 42	2 2	0 45	16 51	1 43	8 5	12 35	5 25	5 8	14 34	17 2	5 7	T 25
F 26	8 49	16 50	5 16	10 0	1 45	4 47	8 37	8 6	4 8	0 10	1 33	22 45	0 42	2 2	0 45	16 52	1 43	8 5	12 34	5 24	5 9	14 33	17 2	5 7	F 26
S 27	8 27	18 1	5 15	9 13	1 40	5 0	8 33	8 14	4 8	0 7	1 33	22 45	0 42	2 1	0 45	16 52	1 43	8 5	12 34	5 25	5 11	14 31	17 3	5 6	S 27
S 28	8s 4	18s21	5n 1	8s25	1s35	5s13	8n29	8n23	4n 8	0s 4	1n33	22n45	0s42	2s 0	0n45	16n52	1s43	8n 6	12s34	5n25	5n12	14s30	17n 3	5s 6	S 28

Julian Day Number = 2409938.5, Delta T = -4.32 sec
Ecliptic obliquity = 23°27'06, Nutation = - 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°08'58, Lahiri = 22°15'59

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ASTRODIENST EPHEMERIS for the year 1886
geocentric

MARCH 1886 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 34 53	10♓21'31	16♉56	14♓13	24°R29	18°R 3	3°R39	1°R27	6°R44	22♉59	1♊11	16°R16	16♍47	11♒27	11♊ 1	M 1
T 2	10 38 50	11°21'42	28°46	16° 8	24♒ 5	17♍40	3♎32	1♋26	6♎42	23° 0	1°11	16♍16	16°44	11°34	11° 2	T 2
W 3	10 42 46	12°21'50	10♒34	18° 4	23°44	17°16	3°25	1°D26	6°39	23° 1	1°12	16°15	16°41	11°41	11° 3	W 3
T 4	10 46 43	13°21'57	22°24	20° 0	23°24	16°53	3°19	1°26	6°37	23° 2	1°12	16°15	16°38	11°47	11° 4	T 4
F 5	10 50 39	14°22'03	4♓16	21°56	23° 7	16°29	3°12	1°27	6°35	23° 3	1°13	16°14	16°34	11°54	11° 5	F 5
S 6	10 54 36	15°22'06	16°15	23°52	22°53	16° 6	3° 5	1°27	6°32	23° 4	1°13	16°D14	16°31	12° 1	11° 7	S 6
S 7	10 58 32	16°22'08	28°22	25°48	22°41	15°42	2°58	1°27	6°30	23° 5	1°13	16°R14	16°28	12° 7	11° 8	S 7
M 8	11 2 29	17°22'07	10♈38	27°44	22°31	15°18	2°50	1°28	6°28	23° 7	1°14	16°14	16°25	12°14	11° 9	M 8
T 9	11 6 26	18°22'05	23° 5	29°38	22°24	14°55	2°43	1°28	6°25	23° 8	1°14	16°14	16°22	12°21	11°11	T 9
W10	11 10 22	19°22'00	5♉45	1♈31	22°19	14°31	2°36	1°29	6°23	23° 9	1°15	16°14	16°18	12°27	11°13	W10
T 11	11 14 19	20°21'54	18°40	3°22	22°D16	14° 8	2°28	1°30	6°20	23°10	1°15	16°13	16°15	12°34	11°14	T 11
F 12	11 18 15	21°21'45	1♊51	5°12	22°17	13°44	2°21	1°31	6°18	23°11	1°16	16°13	16°12	12°41	11°16	F 12
S 13	11 22 12	22°21'34	15°19	6°59	22°19	13°21	2°13	1°32	6°15	23°13	1°17	16°13	16° 9	12°47	11°18	S 13
S 14	11 26 8	23°21'21	29° 6	8°42	22°24	12°58	2° 6	1°33	6°13	23°14	1°17	16°D13	16° 6	12°54	11°20	S 14
M15	11 30 5	24°21'05	13♋12	10°23	22°31	12°36	1°58	1°34	6°10	23°15	1°18	16°13	16° 3	13° 1	11°22	M15
T 16	11 34 1	25°20'47	27°36	11°59	22°40	12°14	1°50	1°36	6° 8	23°17	1°18	16°14	15°59	13° 7	11°24	T 16
W17	11 37 58	26°20'27	12♌14	13°31	22°51	11°52	1°43	1°37	6° 5	23°18	1°19	16°15	15°56	13°14	11°26	W17
T 18	11 41 55	27°20'05	27° 2	14°58	23° 5	11°30	1°35	1°39	6° 3	23°19	1°20	16°15	15°53	13°21	11°28	T 18
F 19	11 45 51	28°19'40	11♍54	16°20	23°21	11° 9	1°27	1°40	6° 0	23°21	1°20	16°R16	15°50	13°27	11°31	F 19
S 20	11 49 48	29°19'14	26°41	17°36	23°38	10°49	1°20	1°42	5°58	23°22	1°21	16°16	15°47	13°34	11°33	S 20
S 21	11 53 44	0♈18'45	11♎17	18°46	23°58	10°29	1°12	1°44	5°55	23°24	1°22	16°15	15°44	13°41	11°35	S 21
M22	11 57 41	1°18'14	25°36	19°49	24°19	10°10	1° 4	1°46	5°53	23°25	1°23	16°13	15°40	13°47	11°38	M22
T 23	12 1 37	2°17'41	9♏32	20°46	24°42	9°51	0°56	1°48	5°50	23°27	1°23	16°11	15°37	13°54	11°40	T 23
W24	12 5 34	3°17'07	23° 3	21°35	25° 7	9°32	0°49	1°50	5°47	23°28	1°24	16° 9	15°34	14° 1	11°43	W24
T 25	12 9 30	4°16'31	6♐ 9	22°18	25°34	9°15	0°41	1°53	5°45	23°30	1°25	16° 7	15°31	14° 7	11°46	T 25
F 26	12 13 27	5°15'53	18°52	22°53	26° 2	8°58	0°33	1°55	5°42	23°32	1°26	16° 5	15°28	14°14	11°48	F 26
S 27	12 17 23	6°15'13	1♑15	23°20	26°32	8°41	0°25	1°58	5°40	23°33	1°27	16°D 4	15°24	14°21	11°51	S 27
S 28	12 21 20	7°14'32	13°22	23°40	27° 3	8°26	0°18	2° 0	5°37	23°35	1°27	16° 4	15°21	14°27	11°54	S 28
M29	12 25 17	8°13'48	25°18	23°52	27°36	8°11	0°10	2° 3	5°34	23°37	1°28	16° 5	15°18	14°34	11°57	M29
T 30	12 29 13	9°13'03	7♒ 7	23°R57	28°10	7°57	0° 2	2° 6	5°32	23°38	1°29	16° 7	15°15	14°41	12° 0	T 30
W31	12 33 10	10♈12'16	18♒56	23♈55	28♒46	7♍43	29♍55	2♋ 9	5♎29	23♉40	1♊30	16♍ 8	15♍12	14♒47	12♊ 3	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s41	17s51	4n33	7s35	1s29	5s26	8n24	8n32	4n 8	0s 1	1n33	22n45	0s41	1s59	0n45	16n52	1s43	8n 6	12s34	5n25	5n13	14s29	17n 4	5s 6
T 2	7 18	16 35	3 54	6 44	1 22	5 40	8 18	8 41	4 8	0n 1	1 33	22 45	0 41	1 58	0 45	16 53	1 43	8 6	12 33	5 25	5 14	14 28	17 4	5 5
W 3	6 56	14 37	3 6	5 52	1 15	5 53	8 11	8 49	4 7	0 4	1 34	22 46	0 41	1 57	0 45	16 53	1 42	8 7	12 33	5 26	5 16	14 27	17 4	5 5
T 4	6 32	12 2	2 9	4 59	1 7	6 6	8 4	8 58	4 7	0 7	1 34	22 46	0 41	1 56	0 45	16 53	1 42	8 7	12 33	5 26	5 17	14 26	17 5	5 5
F 5	6 9	8 55	1 6	4 6	0 58	6 18	7 56	9 7	4 6	0 10	1 34	22 46	0 41	1 55	0 45	16 54	1 42	8 7	12 32	5 26	5 18	14 25	17 5	5 4
S 6	5 46	5 26	0s 0	3 11	0 49	6 31	7 48	9 15	4 5	0 13	1 34	22 46	0 41	1 54	0 45	16 54	1 42	8 8	12 32	5 26	5 19	14 24	17 6	5 4
S 7	5 23	1 40	1 7	2 17	0 40	6 43	7 39	9 24	4 5	0 16	1 34	22 46	0 40	1 53	0 45	16 54	1 42	8 8	12 32	5 26	5 21	14 22	17 6	5 4
M 8	5 0	2n12	2 12	1 21	0 30	6 54	7 30	9 32	4 4	0 19	1 34	22 46	0 40	1 52	0 45	16 55	1 42	8 8	12 32	5 26	5 22	14 21	17 7	5 4
T 9	4 36	6 1	3 11	0 26	0 19	7 6	7 21	9 40	4 3	0 22	1 34	22 47	0 40	1 51	0 45	16 55	1 42	8 9	12 31	5 26	5 23	14 20	17 7	5 3
W10	4 13	9 38	4 2	0n29	0 8	7 16	7 11	9 49	4 2	0 25	1 34	22 47	0 40	1 50	0 45	16 55	1 42	8 9	12 31	5 26	5 24	14 19	17 8	5 3
T 11	3 49	12 52	4 42	1 24	0n 4	7 27	7 1	9 57	4 0	0 28	1 35	22 47	0 40	1 49	0 45	16 56	1 42	8 10	12 31	5 26	5 26	14 18	17 8	5 3
F 12	3 26	15 31	5 8	2 18	0 16	7 36	6 51	10 4	3 59	0 31	1 35	22 47	0 40	1 48	0 45	16 56	1 42	8 10	12 30	5 26	5 27	14 17	17 9	5 2
S 13	3 2	17 23	5 18	3 12	0 28	7 45	6 41	10 12	3 58	0 34	1 35	22 47	0 39	1 48	0 45	16 56	1 42	8 10	12 30	5 27	5 28	14 16	17 9	5 2
S 14	2 38	18 17	5 10	4 5	0 41	7 54	6 30	10 20	3 56	0 37	1 35	22 47	0 39	1 47	0 45	16 57	1 42	8 11	12 30	5 27	5 29	14 14	17 10	5 2
M15	2 15	18 6	4 43	4 56	0 54	8 2	6 19	10 27	3 55	0 40	1 35	22 47	0 39	1 46	0 45	16 57	1 42	8 11	12 30	5 26	5 30	14 13	17 10	5 2
T 16	1 51	16 45	3 59	5 46	1 6	8 9	6 8	10 34	3 53	0 43	1 35	22 48	0 39	1 45	0 45	16 58	1 42	8 11	12 29	5 26	5 32	14 12	17 11	5 1
W17	1 27	14 17	2 58	6 33	1 19	8 16	5 58	10 41	3 51	0 46	1 35	22 48	0 39	1 43	0 45	16 58	1 42	8 12	12 29	5 26	5 33	14 11	17 12	5 1
T 18	1 4	10 52	1 45	7 19	1 32	8 22	5 47	10 47	3 49	0 49	1 35	22 48	0 39	1 42	0 45	16 58	1 42	8 12	12 29	5 26	5 34	14 10	17 12	5 1
F 19	0 40	6 44	0 24	8 2	1 45	8 27	5 36	10 54	3 48	0 53	1 35	22 48	0 38	1 41	0 45	16 59	1 42	8 13	12 28	5 25	5 35	14 9	17 13	5 0
S 20	0 16	2 12	0n58	8 43	1 57	8 32	5 25	11 0	3 46	0 56	1 35	22 48	0 38	1 40	0 45	16 59	1 42	8 13	12 28	5 25	5 37	14 8	17 13	5 0
S 21	0n 7	2s24	2 14	9 20	2 9	8 36	5 14	11 5	3 44	0 59	1 35	22 48	0 38	1 39	0 45	17 0	1 41	8 13	12 28	5 26	5 38	14 6	17 14	5 0
M22	0 31	6 47	3 21	9 55	2 20	8 39	5 3	11 11	3 42	1 2	1 35	22 48	0 38	1 38	0 45	17 0	1 41	8 14	12 28	5 26	5 39	14 5	17 14	5 0
T 23	0 55	10 39	4 14	10 26	2 31	8 42	4 52	11 16	3 39	1 5	1 35	22 49	0 38	1 37	0 45	17 0	1 41	8 14	12 27	5 27	5 40	14 4	17 15	4 59
W24	1 18	13 51	4 51	10 54	2 40	8 44	4 41	11 21	3 37	1 8	1 35	22 49	0 38	1 36	0 45	17 1	1 41	8 15	12 27	5 28	5 42	14 3	17 16	4 59
T 25	1 42	16 14	5 11	11 18	2 49	8 45	4 30	11 26	3 35	1 11	1 35	22 49	0 37	1 35	0 45	17 1	1 41	8 15	12 27	5 29	5 43	14 2	17 16	4 59
F 26	2 6	17 44	5 16	11 39	2 57	8 46	4 20	11 30	3 33	1 14	1 35	22 49	0 37	1 34	0 45	17 2	1 41	8 15	12 27	5 30	5 44	14 0	17 17	4 59
S 27	2 29	18 22	5 5	11 55	3 4	8 46	4 9	11 34	3 30	1 17	1 35	22 49	0 37	1 33	0 45	17 2	1 41	8 16	12 26	5 30	5 45	13 59	17 17	4 58
S 28	2 53	18 7	4 41	12 8	3 10	8 45	3 59	11 38	3 28	1 20	1 35	22 49	0 37	1 32	0 45	17 3	1 41	8 16	12 26	5 30	5 47	13 58	17 18	4 58
M29	3 16	17 4	4 5	12 17	3 14	8 44	3 49	11 41	3 26	1 23	1 35	22 49	0 37	1 31	0 45	17 3	1 41	8 17	12 26	5 30	5 48	13 57	17 19	4 58
T 30	3 39	15 17	3 19	12 21	3 17	8 42	3 38	11 44	3 23	1 26	1 35	22 49	0 37	1 30	0 45	17 4	1 41	8 17	12 26	5 29	5 49	13 56	17 19	4 58
W31	4n 3	12s52	2n25	12n22	3n19	8s39	3n28	11n47	3n21	1n29	1n35	22n50	0s36	1s29	0n45	17n 4	1s41	8n17	12s25	5n28	5n50	13s55	17n20	4s57

Julian Day Number = 2409966.5, Delta T = -4.30 sec
Ecliptic obliquity = 23°27'06, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°09'02, Lahiri = 22°16'02

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ASTRODIENST EPHEMERIS for the year 1886
geocentric

APRIL 1886 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 37 6	11♈11'28	0♓47	23°R46	29♒22	7°R31	29°R47	2♋12	5°R27	23♉42	1♊31	16♍10	15♍ 9	14♒54	12♊ 6	T 1
F 2	12 41 3	12°10'37	12°44	23♈30	0♓ 0	7♍19	29♍40	2°15	5♎24	23°44	1°32	16°R11	15° 5	15° 1	12° 9	F 2
S 3	12 44 59	13° 9'44	24°52	23° 8	0°39	7° 7	29°32	2°18	5°21	23°45	1°33	16°10	15° 2	15° 7	12°13	S 3
S 4	12 48 56	14° 8'50	7♈11	22°41	1°20	6°57	29°25	2°22	5°19	23°47	1°34	16° 9	14°59	15°14	12°16	S 4
M 5	12 52 52	15° 7'53	19°44	22° 8	2° 1	6°47	29°18	2°25	5°16	23°49	1°35	16° 6	14°56	15°21	12°19	M 5
T 6	12 56 49	16° 6'54	2♉31	21°31	2°43	6°38	29°11	2°29	5°14	23°51	1°36	16° 1	14°53	15°27	12°23	T 6
W 7	13 0 46	17° 5'54	15°32	20°51	3°27	6°30	29° 4	2°32	5°11	23°53	1°37	15°56	14°49	15°34	12°26	W 7
T 8	13 4 42	18° 4'51	28°47	20° 8	4°11	6°23	28°57	2°36	5° 9	23°55	1°38	15°51	14°46	15°41	12°30	T 8
F 9	13 8 39	19° 3'46	12♊15	19°23	4°56	6°17	28°50	2°40	5° 6	23°57	1°39	15°47	14°43	15°47	12°33	F 9
S 10	13 12 35	20° 2'39	25°55	18°38	5°42	6°11	28°43	2°44	5° 4	23°58	1°40	15°43	14°40	15°54	12°37	S 10
S 11	13 16 32	21° 1'29	9♋46	17°52	6°29	6° 6	28°36	2°48	5° 1	24° 0	1°41	15°41	14°37	16° 1	12°40	S 11
M12	13 20 28	22° 0'17	23°47	17° 7	7°17	6° 2	28°29	2°52	4°59	24° 2	1°42	15°D40	14°34	16° 7	12°44	M12
T 13	13 24 25	22°59'03	7♌58	16°24	8° 5	5°59	28°23	2°56	4°56	24° 4	1°43	15°41	14°30	16°14	12°48	T 13
W14	13 28 21	23°57'47	22°15	15°43	8°54	5°56	28°16	3° 0	4°54	24° 6	1°44	15°42	14°27	16°21	12°52	W14
T 15	13 32 18	24°56'28	6♍38	15° 5	9°44	5°54	28°10	3° 5	4°52	24° 8	1°45	15°44	14°24	16°27	12°56	T 15
F 16	13 36 15	25°55'07	21° 3	14°31	10°35	5°53	28° 4	3° 9	4°49	24°10	1°46	15°R44	14°21	16°34	13° 0	F 16
S 17	13 40 11	26°53'44	5♎25	14° 0	11°26	5°D53	27°58	3°14	4°47	24°12	1°48	15°42	14°18	16°41	13° 4	S 17
S 18	13 44 8	27°52'19	19°41	13°34	12°18	5°54	27°52	3°18	4°44	24°14	1°49	15°39	14°15	16°47	13° 8	S 18
M19	13 48 4	28°50'52	3♏44	13°13	13°11	5°55	27°46	3°23	4°42	24°17	1°50	15°33	14°11	16°54	13°12	M19
T 20	13 52 1	29°49'23	17°30	12°56	14° 4	5°57	27°40	3°28	4°40	24°19	1°51	15°26	14° 8	17° 1	13°16	T 20
W21	13 55 57	0♉47'52	0♐57	12°45	14°58	5°59	27°35	3°33	4°38	24°21	1°52	15°19	14° 5	17° 7	13°20	W21
T 22	13 59 54	1°46'20	14° 2	12°39	15°52	6° 3	27°29	3°38	4°35	24°23	1°53	15°11	14° 2	17°14	13°24	T 22
F 23	14 3 50	2°44'45	26°46	12°D37	16°47	6° 7	27°24	3°43	4°33	24°25	1°55	15° 5	13°59	17°21	13°28	F 23
S 24	14 7 47	3°43'10	9♑11	12°41	17°43	6°12	27°19	3°48	4°31	24°27	1°56	15° 0	13°55	17°27	13°33	S 24
S 25	14 11 44	4°41'32	21°20	12°49	18°38	6°17	27°14	3°53	4°29	24°29	1°57	14°57	13°52	17°34	13°37	S 25
M26	14 15 40	5°39'53	3♒17	13° 3	19°35	6°23	27° 9	3°58	4°27	24°31	1°58	14°D56	13°49	17°41	13°41	M26
T 27	14 19 37	6°38'13	15° 7	13°21	20°32	6°30	27° 5	4° 3	4°25	24°33	1°59	14°56	13°46	17°47	13°46	T 27
W28	14 23 33	7°36'31	26°56	13°43	21°29	6°37	27° 0	4° 9	4°23	24°36	2° 1	14°57	13°43	17°54	13°50	W28
T 29	14 27 30	8°34'47	8♓49	14°10	22°27	6°45	26°56	4°14	4°21	24°38	2° 2	14°R58	13°40	18° 1	13°55	T 29
F 30	14 31 26	9♉33'02	20♓50	14♈41	23♓25	6♍53	26♍52	4♋20	4♎19	24♉40	2♊ 3	14♍58	13♍36	18♒ 7	13♊59	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n26	9s54	1n24	12n19	3n19	8s36	3n18	11n49	3n18	1n32	1n35	22n50	0s36	1s28	0n45	17n 5	1s41	8n18	12s25	5n28	5n51	13s53	17n21	4s57
F 2	4 49	6 29	0 19	12 11	3 18	8 32	3 8	11 51	3 16	1 35	1 35	22 50	0 36	1 27	0 45	17 5	1 41	8 18	12 25	5 27	5 53	13 52	17 21	4 57
S 3	5 12	2 46	0s48	12 0	3 14	8 28	2 59	11 53	3 13	1 38	1 35	22 50	0 36	1 26	0 45	17 6	1 41	8 19	12 25	5 27	5 54	13 51	17 22	4 57
S 4	5 35	1n 7	1 53	11 46	3 10	8 22	2 49	11 55	3 11	1 41	1 35	22 50	0 36	1 25	0 45	17 6	1 41	8 19	12 25	5 28	5 55	13 50	17 22	4 57
M 5	5 58	5 2	2 54	11 27	3 3	8 17	2 40	11 56	3 8	1 44	1 35	22 50	0 36	1 24	0 45	17 7	1 41	8 19	12 24	5 29	5 56	13 49	17 23	4 56
T 6	6 21	8 48	3 47	11 6	2 55	8 10	2 30	11 57	3 5	1 47	1 35	22 50	0 36	1 23	0 45	17 7	1 41	8 20	12 24	5 31	5 58	13 47	17 24	4 56
W 7	6 43	12 12	4 30	10 42	2 46	8 3	2 21	11 57	3 3	1 49	1 35	22 50	0 35	1 22	0 45	17 7	1 41	8 20	12 24	5 33	5 59	13 46	17 24	4 56
T 8	7 6	15 3	4 59	10 16	2 35	7 56	2 12	11 58	3 0	1 52	1 35	22 50	0 35	1 21	0 45	17 8	1 41	8 21	12 24	5 35	6 0	13 45	17 25	4 56
F 9	7 28	17 8	5 12	9 47	2 23	7 47	2 3	11 58	2 58	1 55	1 35	22 50	0 35	1 20	0 45	17 8	1 41	8 21	12 23	5 37	6 1	13 44	17 26	4 55
S 10	7 50	18 16	5 7	9 18	2 9	7 39	1 55	11 57	2 55	1 57	1 34	22 51	0 35	1 19	0 45	17 9	1 41	8 21	12 23	5 38	6 2	13 42	17 26	4 55
S 11	8 13	18 21	4 45	8 47	1 55	7 29	1 46	11 57	2 52	2 0	1 34	22 51	0 35	1 18	0 45	17 10	1 41	8 22	12 23	5 39	6 4	13 41	17 27	4 55
M12	8 35	17 19	4 6	8 15	1 39	7 20	1 38	11 56	2 50	2 3	1 34	22 51	0 35	1 17	0 45	17 10	1 41	8 22	12 23	5 39	6 5	13 40	17 28	4 55
T 13	8 56	15 12	3 11	7 44	1 24	7 9	1 30	11 55	2 47	2 5	1 34	22 51	0 34	1 16	0 45	17 11	1 41	8 23	12 23	5 39	6 6	13 39	17 28	4 55
W14	9 18	12 8	2 4	7 13	1 7	6 58	1 22	11 53	2 45	2 7	1 34	22 51	0 34	1 15	0 45	17 11	1 41	8 23	12 22	5 38	6 7	13 38	17 29	4 54
T 15	9 40	8 19	0 49	6 43	0 51	6 47	1 14	11 51	2 42	2 10	1 34	22 51	0 34	1 14	0 45	17 12	1 40	8 23	12 22	5 38	6 9	13 36	17 30	4 54
F 16	10 1	4 0	0n29	6 14	0 34	6 35	1 6	11 49	2 39	2 12	1 34	22 51	0 34	1 13	0 45	17 12	1 40	8 24	12 22	5 38	6 10	13 35	17 30	4 54
S 17	10 22	0s33	1 45	5 47	0 17	6 23	0 58	11 47	2 37	2 14	1 34	22 51	0 34	1 13	0 45	17 13	1 40	8 24	12 22	5 38	6 11	13 34	17 31	4 54
S 18	10 43	5 1	2 54	5 22	0 1	6 10	0 51	11 45	2 34	2 17	1 33	22 51	0 34	1 12	0 45	17 13	1 40	8 25	12 22	5 40	6 12	13 33	17 32	4 54
M19	11 4	9 9	3 51	4 59	0s15	5 57	0 43	11 42	2 32	2 19	1 33	22 51	0 34	1 11	0 45	17 14	1 40	8 25	12 22	5 42	6 14	13 31	17 32	4 54
T 20	11 25	12 42	4 33	4 38	0 31	5 43	0 36	11 39	2 29	2 21	1 33	22 51	0 33	1 10	0 45	17 14	1 40	8 25	12 21	5 44	6 15	13 30	17 33	4 53
W21	11 45	15 29	4 59	4 20	0 46	5 29	0 29	11 35	2 27	2 23	1 33	22 51	0 33	1 9	0 45	17 15	1 40	8 26	12 21	5 47	6 16	13 29	17 34	4 53
T 22	12 6	17 24	5 8	4 4	1 1	5 14	0 22	11 32	2 24	2 25	1 33	22 51	0 33	1 8	0 45	17 15	1 40	8 26	12 21	5 50	6 17	13 28	17 34	4 53
F 23	12 26	18 23	5 2	3 51	1 15	4 59	0 16	11 28	2 22	2 27	1 33	22 51	0 33	1 7	0 45	17 16	1 40	8 26	12 21	5 53	6 18	13 26	17 35	4 53
S 24	12 46	18 27	4 42	3 40	1 28	4 43	0 9	11 24	2 19	2 29	1 33	22 51	0 33	1 6	0 45	17 16	1 40	8 27	12 21	5 55	6 20	13 25	17 36	4 53
S 25	13 6	17 40	4 9	3 32	1 40	4 27	0 3	11 20	2 17	2 31	1 32	22 51	0 33	1 6	0 45	17 17	1 40	8 27	12 21	5 56	6 21	13 24	17 36	4 53
M26	13 25	16 6	3 26	3 27	1 51	4 11	0s 3	11 15	2 15	2 32	1 32	22 51	0 33	1 5	0 45	17 17	1 40	8 28	12 20	5 56	6 22	13 23	17 37	4 53
T 27	13 44	13 51	2 34	3 24	2 2	3 54	0 10	11 11	2 12	2 34	1 32	22 51	0 32	1 4	0 45	17 18	1 40	8 28	12 20	5 56	6 23	13 21	17 37	4 52
W28	14 3	11 2	1 36	3 23	2 12	3 37	0 16	11 6	2 10	2 36	1 32	22 51	0 32	1 3	0 45	17 19	1 40	8 28	12 20	5 56	6 25	13 20	17 38	4 52
T 29	14 22	7 45	0 33	3 25	2 21	3 20	0 21	11 1	2 7	2 37	1 32	22 51	0 32	1 2	0 45	17 19	1 40	8 29	12 20	5 55	6 26	13 19	17 39	4 52
F 30	14n41	4s 7	0s32	3n30	2s29	3s 2	0s27	10n55	2n 5	2n39	1n31	22n51	0s32	1s 2	0n45	17n20	1s40	8n29	12s20	5n55	6n27	13s18	17n39	4s52

Julian Day Number = 2409997.5, Delta T = -4.29 sec
Ecliptic obliquity = 23°27'06, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°09'06, Lahiri = 22°16'07

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1886
geocentric

MAY 1886 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 23	10♉31'15	3♈ 5	15♈16	24♓23	7♍ 3	26°R48	4♋25	4°R17	24♉42	2♊ 5	14°R56	13♍33	18♒14	14♊ 4	S 1
S 2	14 39 19	11°29'27	15°35	15°55	25°22	7°12	26♍44	4°31	4♎15	24°44	2° 6	14♍52	13°30	18°21	14° 8	S 2
M 3	14 43 16	12°27'37	28°24	16°38	26°22	7°23	26°40	4°37	4°13	24°47	2° 7	14°46	13°27	18°27	14°13	M 3
T 4	14 47 12	13°25'45	11♉31	17°24	27°21	7°34	26°36	4°42	4°11	24°49	2° 8	14°38	13°24	18°34	14°18	T 4
W 5	14 51 9	14°23'52	24°57	18°14	28°21	7°45	26°33	4°48	4° 9	24°51	2°10	14°28	13°20	18°41	14°22	W 5
T 6	14 55 6	15°21'57	8♊37	19° 7	29°22	7°57	26°30	4°54	4° 8	24°53	2°11	14°18	13°17	18°47	14°27	T 6
F 7	14 59 2	16°20'01	22°30	20° 4	0♈22	8°10	26°27	5° 0	4° 6	24°55	2°12	14° 8	13°14	18°54	14°32	F 7
S 8	15 2 59	17°18'02	6♋31	21° 3	1°23	8°23	26°24	5° 6	4° 4	24°58	2°14	14° 1	13°11	19° 1	14°36	S 8
S 9	15 6 55	18°16'02	20°38	22° 5	2°24	8°37	26°21	5°12	4° 3	25° 0	2°15	13°55	13° 8	19° 7	14°41	S 9
M10	15 10 52	19°14'00	4♌46	23°11	3°26	8°51	26°19	5°19	4° 1	25° 2	2°16	13°53	13° 5	19°14	14°46	M10
T 11	15 14 48	20°11'56	18°55	24°19	4°28	9° 6	26°17	5°25	3°59	25° 4	2°18	13°D52	13° 1	19°21	14°51	T 11
W12	15 18 45	21° 9'50	3♍ 2	25°29	5°30	9°21	26°14	5°31	3°58	25° 7	2°19	13°52	12°58	19°27	14°56	W12
T 13	15 22 41	22° 7'42	17° 7	26°42	6°32	9°37	26°13	5°38	3°56	25° 9	2°20	13°R52	12°55	19°34	15° 1	T 13
F 14	15 26 38	23° 5'33	1♎ 9	27°58	7°35	9°53	26°11	5°44	3°55	25°11	2°22	13°51	12°52	19°40	15° 6	F 14
S 15	15 30 35	24° 3'22	15° 5	29°17	8°37	10°10	26° 9	5°50	3°54	25°13	2°23	13°48	12°49	19°47	15°11	S 15
S 16	15 34 31	25° 1'09	28°55	0♉37	9°40	10°27	26° 8	5°57	3°52	25°16	2°24	13°42	12°46	19°54	15°16	S 16
M17	15 38 28	25°58'54	12♏35	2° 1	10°44	10°44	26° 7	6° 3	3°51	25°18	2°26	13°33	12°42	20° 0	15°21	M17
T 18	15 42 24	26°56'39	26° 1	3°26	11°47	11° 2	26° 6	6°10	3°50	25°20	2°27	13°22	12°39	20° 7	15°26	T 18
W19	15 46 21	27°54'22	9♐13	4°54	12°51	11°21	26° 5	6°17	3°49	25°22	2°28	13°11	12°36	20°14	15°31	W19
T 20	15 50 17	28°52'03	22° 8	6°25	13°55	11°40	26° 4	6°23	3°47	25°25	2°30	12°59	12°33	20°20	15°36	T 20
F 21	15 54 14	29°49'44	4♑45	7°57	14°59	11°59	26° 3	6°30	3°46	25°27	2°31	12°48	12°30	20°27	15°41	F 21
S 22	15 58 10	0♒47'23	17° 6	9°32	16° 4	12°18	26° 3	6°37	3°45	25°29	2°32	12°39	12°26	20°34	15°46	S 22
S 23	16 2 7	1°45'01	29°13	11° 9	17° 8	12°38	26°D 3	6°44	3°44	25°31	2°34	12°33	12°23	20°40	15°51	S 23
M24	16 6 4	2°42'38	11♒10	12°49	18°13	12°59	26° 3	6°51	3°43	25°34	2°35	12°29	12°20	20°47	15°56	M24
T 25	16 10 0	3°40'14	23° 0	14°31	19°18	13°20	26° 3	6°58	3°42	25°36	2°37	12°27	12°17	20°54	16° 1	T 25
W26	16 13 57	4°37'49	4♓49	16°15	20°23	13°41	26° 4	7° 5	3°42	25°38	2°38	12°27	12°14	21° 0	16° 6	W26
T 27	16 17 53	5°35'24	16°42	18° 1	21°29	14° 2	26° 4	7°12	3°41	25°40	2°39	12°27	12°11	21° 7	16°12	T 27
F 28	16 21 50	6°32'57	28°45	19°50	22°34	14°24	26° 5	7°19	3°40	25°43	2°41	12°26	12° 7	21°14	16°17	F 28
S 29	16 25 46	7°30'30	11♈ 3	21°41	23°40	14°46	26° 6	7°26	3°39	25°45	2°42	12°23	12° 4	21°20	16°22	S 29
S 30	16 29 43	8°28'01	23°40	23°34	24°46	15° 9	26° 7	7°33	3°39	25°47	2°43	12°19	12° 1	21°27	16°27	S 30
M31	16 33 39	9♊25'32	6♉39	25♉29	25♈52	15♍32	26♍ 8	7♋40	3♎38	25♉49	2♊45	12♍11	11♍58	21♒34	16♊32	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n59	0s14	1s36	3n36	2s37	2s44	0s32	10n50	2n 3	2n40	1n31	22n51	0s32	1s 1	0n45	17n20	1s40	8n29	12s20	5n56	6n28	13s16	17n40	4s52
S 2	15 17	3n44	2 37	3 45	2 43	2 25	0 38	10 44	2 1	2 42	1 31	22 51	0 32	1 0	0 45	17 21	1 40	8 30	12 20	5 58	6 29	13 15	17 41	4 52
M 3	15 35	7 37	3 31	3 56	2 49	2 6	0 43	10 38	1 58	2 43	1 31	22 51	0 32	1 0	0 45	17 21	1 40	8 30	12 19	6 0	6 31	13 14	17 41	4 52
T 4	15 53	11 15	4 15	4 9	2 54	1 47	0 48	10 32	1 56	2 44	1 31	22 51	0 31	0 59	0 45	17 22	1 40	8 31	12 19	6 3	6 32	13 13	17 42	4 52
W 5	16 10	14 22	4 47	4 24	2 59	1 28	0 53	10 25	1 54	2 45	1 30	22 51	0 31	0 58	0 45	17 22	1 40	8 31	12 19	6 7	6 33	13 11	17 42	4 52
T 6	16 27	16 46	5 3	4 41	3 2	1 8	0 58	10 19	1 52	2 46	1 30	22 50	0 31	0 57	0 45	17 23	1 40	8 31	12 19	6 11	6 34	13 10	17 43	4 51
F 7	16 44	18 14	5 1	4 59	3 5	0 48	1 2	10 12	1 49	2 47	1 30	22 50	0 31	0 57	0 45	17 23	1 40	8 32	12 19	6 15	6 35	13 9	17 44	4 51
S 8	17 0	18 37	4 41	5 19	3 7	0 28	1 7	10 5	1 47	2 48	1 30	22 50	0 31	0 56	0 45	17 24	1 40	8 32	12 19	6 18	6 37	13 7	17 44	4 51
S 9	17 17	17 50	4 4	5 41	3 9	0 8	1 11	9 58	1 45	2 49	1 30	22 50	0 31	0 56	0 45	17 25	1 40	8 32	12 19	6 20	6 38	13 6	17 45	4 51
M10	17 33	15 58	3 13	6 5	3 9	0n13	1 15	9 51	1 43	2 50	1 29	22 50	0 31	0 55	0 45	17 25	1 40	8 33	12 19	6 21	6 39	13 5	17 46	4 51
T 11	17 48	13 7	2 9	6 29	3 10	0 34	1 19	9 43	1 41	2 51	1 29	22 50	0 31	0 54	0 44	17 26	1 40	8 33	12 19	6 21	6 40	13 4	17 46	4 51
W12	18 4	9 30	0 57	6 56	3 9	0 55	1 23	9 36	1 39	2 51	1 29	22 50	0 30	0 54	0 44	17 26	1 40	8 33	12 19	6 21	6 42	13 2	17 47	4 51
T 13	18 19	5 21	0n17	7 23	3 8	1 16	1 27	9 28	1 37	2 52	1 29	22 50	0 30	0 53	0 44	17 27	1 40	8 34	12 18	6 21	6 43	13 1	17 47	4 51
F 14	18 33	0 56	1 31	7 52	3 6	1 37	1 31	9 20	1 35	2 52	1 28	22 49	0 30	0 53	0 44	17 27	1 40	8 34	12 18	6 21	6 44	13 0	17 48	4 51
S 15	18 48	3s31	2 38	8 22	3 3	1 59	1 34	9 12	1 33	2 53	1 28	22 49	0 30	0 52	0 44	17 28	1 40	8 34	12 18	6 23	6 45	12 58	17 48	4 51
S 16	19 2	7 44	3 35	8 53	3 0	2 21	1 37	9 3	1 31	2 53	1 28	22 49	0 30	0 52	0 44	17 28	1 40	8 35	12 18	6 25	6 46	12 57	17 49	4 51
M17	19 16	11 30	4 19	9 25	2 56	2 42	1 41	8 55	1 29	2 53	1 28	22 49	0 30	0 51	0 44	17 29	1 40	8 35	12 18	6 28	6 48	12 56	17 50	4 51
T 18	19 29	14 36	4 48	9 58	2 52	3 4	1 44	8 46	1 27	2 54	1 28	22 49	0 30	0 51	0 44	17 29	1 40	8 35	12 18	6 32	6 49	12 54	17 50	4 51
W19	19 42	16 53	5 1	10 32	2 47	3 26	1 47	8 38	1 25	2 54	1 27	22 49	0 30	0 50	0 44	17 30	1 40	8 35	12 18	6 37	6 50	12 53	17 51	4 51
T 20	19 55	18 16	4 58	11 7	2 42	3 49	1 49	8 29	1 23	2 54	1 27	22 48	0 30	0 50	0 44	17 30	1 40	8 36	12 18	6 41	6 51	12 52	17 51	4 51
F 21	20 7	18 42	4 40	11 43	2 36	4 11	1 52	8 20	1 22	2 54	1 27	22 48	0 29	0 50	0 44	17 31	1 40	8 36	12 18	6 46	6 53	12 51	17 52	4 51
S 22	20 20	18 14	4 9	12 19	2 29	4 33	1 55	8 10	1 20	2 54	1 27	22 48	0 29	0 49	0 44	17 32	1 40	8 36	12 18	6 49	6 54	12 49	17 52	4 51
S 23	20 31	16 56	3 28	12 56	2 22	4 56	1 57	8 1	1 18	2 53	1 26	22 48	0 29	0 49	0 44	17 32	1 40	8 37	12 18	6 51	6 55	12 48	17 53	4 51
M24	20 43	14 54	2 38	13 33	2 15	5 18	1 59	7 52	1 16	2 53	1 26	22 47	0 29	0 48	0 44	17 33	1 40	8 37	12 18	6 53	6 56	12 47	17 53	4 51
T 25	20 54	12 16	1 41	14 11	2 7	5 41	2 1	7 42	1 14	2 53	1 26	22 47	0 29	0 48	0 44	17 33	1 40	8 37	12 18	6 54	6 57	12 45	17 54	4 51
W26	21 5	9 7	0 40	14 49	1 59	6 4	2 3	7 32	1 13	2 53	1 26	22 47	0 29	0 48	0 44	17 34	1 40	8 37	12 18	6 54	6 59	12 44	17 54	4 51
T 27	21 15	5 36	0s23	15 27	1 50	6 26	2 5	7 22	1 11	2 52	1 25	22 47	0 29	0 48	0 44	17 34	1 40	8 38	12 18	6 54	7 0	12 43	17 55	4 51
F 28	21 25	1 48	1 25	16 5	1 41	6 49	2 7	7 12	1 9	2 52	1 25	22 46	0 29	0 47	0 44	17 35	1 40	8 38	12 18	6 54	7 1	12 41	17 55	4 51
S 29	21 34	2n 9	2 25	16 43	1 31	7 12	2 9	7 2	1 7	2 51	1 25	22 46	0 28	0 47	0 44	17 35	1 40	8 38	12 18	6 55	7 2	12 40	17 56	4 51
S 30	21 44	6 6	3 20	17 22	1 21	7 34	2 10	6 52	1 6	2 50	1 25	22 46	0 28	0 47	0 44	17 36	1 40	8 38	12 18	6 57	7 3	12 39	17 56	4 51
M31	21n53	9n52	4s 5	17n59	1s11	7n57	2s12	6n42	1n 4	2n50	1n24	22n46	0s28	0s47	0n44	17n36	1s40	8n39	12s18	7n 0	7n 5	12s37	17n57	4s51

Julian Day Number = 2410027.5, Delta T = -4.28 sec
Ecliptic obliquity = 23°27'06, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°09'10, Lahiri = 22°16'11

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ASTRODIENST EPHEMERIS for the year 1886
geocentric

JUNE 1886 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 37 36	10♊23'02	20♉ 1	27♉27	26♈58	15♍55	26♍10	7♋47	3°R38	25♉51	2♊46	12°R 1	11♍55	21♒40	16♊38	T 1
W 2	16 41 33	11°20'31	3♊46	29°26	28° 4	16°18	26°12	7°55	3♎37	25°54	2°47	11♍50	11°52	21°47	16°43	W 2
T 3	16 45 29	12°17'59	17°51	1♊28	29°10	16°42	26°13	8° 2	3°37	25°56	2°49	11°38	11°48	21°54	16°48	T 3
F 4	16 49 26	13°15'27	2♋ 9	3°31	0♉17	17° 6	26°15	8° 9	3°36	25°58	2°50	11°27	11°45	22° 0	16°53	F 4
S 5	16 53 22	14°12'53	16°36	5°37	1°24	17°31	26°18	8°17	3°36	26° 0	2°51	11°18	11°42	22° 7	16°59	S 5
S 6	16 57 19	15°10'18	1♌ 5	7°43	2°30	17°56	26°20	8°24	3°36	26° 2	2°53	11°11	11°39	22°14	17° 4	S 6
M 7	17 1 15	16° 7'43	15°31	9°52	3°37	18°21	26°22	8°31	3°35	26° 4	2°54	11° 7	11°36	22°20	17° 9	M 7
T 8	17 5 12	17° 5'06	29°50	12° 1	4°44	18°46	26°25	8°39	3°35	26° 7	2°55	11° 6	11°32	22°27	17°14	T 8
W 9	17 9 9	18° 2'27	13♍59	14°12	5°52	19°12	26°28	8°46	3°35	26° 9	2°57	11° 6	11°29	22°34	17°20	W 9
T 10	17 13 5	18°59'48	27°58	16°23	6°59	19°38	26°31	8°54	3°35	26°11	2°58	11° 5	11°26	22°40	17°25	T 10
F 11	17 17 2	19°57'08	11♎46	18°35	8° 6	20° 4	26°34	9° 1	3°D35	26°13	2°59	11° 4	11°23	22°47	17°30	F 11
S 12	17 20 58	20°54'27	25°24	20°47	9°14	20°30	26°38	9° 9	3°35	26°15	3° 1	11° 1	11°20	22°53	17°35	S 12
S 13	17 24 55	21°51'44	8♏51	22°59	10°22	20°57	26°41	9°16	3°35	26°17	3° 2	10°54	11°17	23° 0	17°41	S 13
M14	17 28 51	22°49'02	22° 7	25°10	11°29	21°24	26°45	9°24	3°35	26°19	3° 3	10°46	11°13	23° 7	17°46	M14
T 15	17 32 48	23°46'18	5♐11	27°21	12°37	21°51	26°49	9°31	3°35	26°21	3° 5	10°35	11°10	23°13	17°51	T 15
W16	17 36 44	24°43'34	18° 3	29°32	13°45	22°19	26°53	9°39	3°36	26°23	3° 6	10°22	11° 7	23°20	17°56	W16
T 17	17 40 41	25°40'49	0♑42	1♋41	14°53	22°47	26°57	9°47	3°36	26°25	3° 7	10°10	11° 4	23°27	18° 2	T 17
F 18	17 44 38	26°38'03	13° 7	3°49	16° 1	23°15	27° 1	9°54	3°36	26°27	3° 8	9°59	11° 1	23°33	18° 7	F 18
S 19	17 48 34	27°35'18	25°19	5°55	17°10	23°43	27° 6	10° 2	3°37	26°29	3°10	9°50	10°58	23°40	18°12	S 19
S 20	17 52 31	28°32'31	7♒21	8° 0	18°18	24°11	27°10	10°10	3°37	26°31	3°11	9°43	10°54	23°47	18°17	S 20
M21	17 56 27	29°29'45	19°14	10° 3	19°27	24°40	27°15	10°17	3°38	26°33	3°12	9°39	10°51	23°53	18°23	M21
T 22	18 0 24	0♋26'58	1♓ 2	12° 4	20°35	25° 9	27°20	10°25	3°38	26°35	3°13	9°37	10°48	24° 0	18°28	T 22
W23	18 4 20	1°24'12	12°51	14° 3	21°44	25°38	27°25	10°33	3°39	26°37	3°15	9°D37	10°45	24° 7	18°33	W23
T 24	18 8 17	2°21'25	24°43	16° 1	22°53	26° 7	27°31	10°41	3°39	26°39	3°16	9°37	10°42	24°13	18°38	T 24
F 25	18 12 13	3°18'38	6♈46	17°56	24° 1	26°37	27°36	10°48	3°40	26°41	3°17	9°R37	10°38	24°20	18°43	F 25
S 26	18 16 10	4°15'51	19° 3	19°49	25°10	27° 6	27°41	10°56	3°41	26°43	3°18	9°36	10°35	24°27	18°49	S 26
S 27	18 20 7	5°13'04	1♉41	21°40	26°19	27°36	27°47	11° 4	3°42	26°45	3°19	9°33	10°32	24°33	18°54	S 27
M28	18 24 3	6°10'17	14°44	23°29	27°29	28° 6	27°53	11°12	3°43	26°46	3°21	9°28	10°29	24°40	18°59	M28
T 29	18 28 0	7° 7'31	28°12	25°16	28°38	28°37	27°59	11°19	3°44	26°48	3°22	9°20	10°26	24°47	19° 4	T 29
W30	18 31 56	8♋ 4'44	12♊ 7	27♋ 1	29♉47	29♍ 7	28♍ 5	11♋27	3♎44	26♉50	3♊23	9♍12	10♍23	24♒53	19♊ 9	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 1	13n16	4s39	18n37	1s 1	8n20	2s13	6n31	1n 2	2n49	1n24	22n45	0s28	0s46	0n44	17n37	1s40	8n39	12s18	7n 3	7n 6	12s36	17n57	4s51
W 2	22 9	16 2	4 58	19 13	0 50	8 42	2 14	6 20	1 1	2 48	1 24	22 45	0 28	0 46	0 44	17 37	1 40	8 39	12 18	7 8	7 7	12 35	17 58	4 51
T 3	22 17	17 56	4 59	19 49	0 40	9 5	2 15	6 10	0 59	2 47	1 24	22 45	0 28	0 46	0 44	17 38	1 40	8 39	12 18	7 12	7 8	12 33	17 58	4 51
F 4	22 24	18 45	4 42	20 24	0 29	9 27	2 16	5 59	0 58	2 46	1 23	22 44	0 28	0 46	0 44	17 38	1 40	8 40	12 18	7 16	7 9	12 32	17 59	4 51
S 5	22 31	18 21	4 6	20 58	0 18	9 49	2 17	5 48	0 56	2 45	1 23	22 44	0 28	0 46	0 44	17 39	1 40	8 40	12 18	7 20	7 11	12 31	17 59	4 51
S 6	22 38	16 45	3 15	21 30	0 7	10 12	2 18	5 37	0 55	2 44	1 23	22 44	0 28	0 46	0 43	17 39	1 40	8 40	12 18	7 22	7 12	12 29	17 59	4 51
M 7	22 44	14 6	2 11	22 0	0n 4	10 34	2 18	5 25	0 53	2 42	1 23	22 43	0 28	0 46	0 43	17 40	1 40	8 40	12 18	7 24	7 13	12 28	18 0	4 51
T 8	22 49	10 37	0 59	22 29	0 14	10 56	2 19	5 14	0 52	2 41	1 22	22 43	0 27	0 46	0 43	17 40	1 40	8 41	12 18	7 24	7 14	12 26	18 0	4 51
W 9	22 55	6 32	0n15	22 56	0 25	11 18	2 19	5 3	0 50	2 40	1 22	22 42	0 27	0 46	0 43	17 41	1 40	8 41	12 18	7 25	7 16	12 25	18 1	4 51
T 10	23 0	2 9	1 28	23 20	0 35	11 39	2 19	4 51	0 49	2 38	1 22	22 42	0 27	0 46	0 43	17 41	1 40	8 41	12 18	7 25	7 17	12 24	18 1	4 52
F 11	23 4	2s17	2 35	23 42	0 45	12 1	2 19	4 39	0 47	2 37	1 22	22 42	0 27	0 46	0 43	17 42	1 40	8 41	12 18	7 25	7 18	12 22	18 1	4 52
S 12	23 8	6 32	3 32	24 2	0 54	12 22	2 19	4 28	0 46	2 35	1 21	22 41	0 27	0 46	0 43	17 42	1 40	8 41	12 18	7 26	7 19	12 21	18 2	4 52
S 13	23 12	10 25	4 16	24 19	1 3	12 44	2 19	4 16	0 44	2 34	1 21	22 41	0 27	0 46	0 43	17 42	1 40	8 42	12 18	7 29	7 20	12 20	18 2	4 52
M14	23 15	13 42	4 46	24 33	1 11	13 5	2 19	4 4	0 43	2 32	1 21	22 40	0 27	0 46	0 43	17 43	1 40	8 42	12 18	7 32	7 22	12 18	18 3	4 52
T 15	23 18	16 15	5 0	24 44	1 19	13 26	2 19	3 52	0 41	2 30	1 21	22 40	0 27	0 46	0 43	17 43	1 40	8 42	12 18	7 36	7 23	12 17	18 3	4 52
W16	23 21	17 57	4 59	24 53	1 26	13 46	2 19	3 40	0 40	2 28	1 21	22 39	0 27	0 46	0 43	17 44	1 40	8 42	12 18	7 41	7 24	12 16	18 3	4 52
T 17	23 23	18 44	4 42	24 58	1 32	14 7	2 18	3 28	0 39	2 27	1 20	22 39	0 27	0 46	0 43	17 44	1 40	8 42	12 18	7 46	7 25	12 14	18 4	4 52
F 18	23 25	18 36	4 13	25 1	1 38	14 27	2 18	3 15	0 37	2 25	1 20	22 39	0 26	0 47	0 43	17 45	1 40	8 42	12 18	7 50	7 26	12 13	18 4	4 52
S 19	23 26	17 36	3 32	25 1	1 42	14 47	2 17	3 3	0 36	2 23	1 20	22 38	0 26	0 47	0 43	17 45	1 40	8 43	12 18	7 53	7 28	12 11	18 4	4 53
S 20	23 27	15 49	2 43	24 59	1 47	15 6	2 16	2 50	0 35	2 21	1 20	22 38	0 26	0 47	0 43	17 46	1 40	8 43	12 18	7 56	7 29	12 10	18 4	4 53
M21	23 27	13 23	1 46	24 54	1 50	15 26	2 15	2 38	0 33	2 18	1 19	22 37	0 26	0 47	0 43	17 46	1 40	8 43	12 18	7 57	7 30	12 9	18 5	4 53
T 22	23 27	10 24	0 46	24 46	1 53	15 45	2 14	2 25	0 32	2 16	1 19	22 37	0 26	0 48	0 43	17 46	1 40	8 43	12 19	7 58	7 31	12 7	18 5	4 53
W23	23 27	7 0	0s17	24 36	1 54	16 4	2 13	2 12	0 31	2 14	1 19	22 36	0 26	0 48	0 43	17 47	1 40	8 43	12 19	7 58	7 32	12 6	18 5	4 53
T 24	23 26	3 19	1 20	24 24	1 56	16 22	2 12	2 0	0 29	2 12	1 19	22 36	0 26	0 48	0 43	17 47	1 40	8 43	12 19	7 58	7 34	12 4	18 6	4 53
F 25	23 25	0n33	2 20	24 10	1 56	16 40	2 11	1 47	0 28	2 9	1 19	22 35	0 26	0 48	0 43	17 48	1 40	8 43	12 19	7 58	7 35	12 3	18 6	4 54
S 26	23 23	4 28	3 14	23 54	1 56	16 58	2 10	1 34	0 27	2 7	1 18	22 34	0 26	0 49	0 43	17 48	1 40	8 44	12 19	7 58	7 36	12 2	18 6	4 54
S 27	23 21	8 18	4 1	23 36	1 55	17 15	2 8	1 21	0 26	2 4	1 18	22 34	0 26	0 49	0 43	17 48	1 41	8 44	12 19	8 0	7 37	12 0	18 6	4 54
M28	23 18	11 51	4 37	23 16	1 53	17 33	2 7	1 7	0 24	2 2	1 18	22 33	0 25	0 50	0 43	17 49	1 41	8 44	12 19	8 2	7 38	11 59	18 7	4 54
T 29	23 16	14 55	4 59	22 55	1 51	17 49	2 6	0 54	0 23	1 59	1 18	22 33	0 25	0 50	0 42	17 49	1 41	8 44	12 19	8 4	7 40	11 57	18 7	4 54
W30	23n12	17n14	5s 4	22n32	1n48	18n 6	2s 4	0n41	0n22	1n57	1n17	22n32	0s25	0s50	0n42	17n50	1s41	8n44	12s19	8n 8	7n41	11s56	18n 7	4s54

Julian Day Number = 2410058.5, Delta T = -4.27 sec
Ecliptic obliquity = 23°27'05, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°09'15, Lahiri = 22°16'15

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ASTRODIENST EPHEMERIS for the year 1886
geocentric

JULY 1886 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 35 53	9♋ 1'58	26♊27	28♋43	0♊57	29♍38	28♍11	11♋35	3♎46	26♉52	3♊24	9°R 2	10♍19	25♒ 0	19♊14	T 1
F 2	18 39 49	9°59'11	11♋ 4	0♌24	2° 6	0♎ 9	28°18	11°43	3°47	26°54	3°25	8♍53	10°16	25° 6	19°19	F 2
S 3	18 43 46	10°56'25	25°54	2° 2	3°16	0°40	28°24	11°51	3°48	26°55	3°26	8°46	10°13	25°13	19°24	S 3
S 4	18 47 42	11°53'38	10♌46	3°38	4°25	1°12	28°31	11°58	3°49	26°57	3°27	8°41	10°10	25°20	19°29	S 4
M 5	18 51 39	12°50'52	25°33	5°12	5°35	1°43	28°38	12° 6	3°50	26°59	3°29	8°38	10° 7	25°26	19°34	M 5
T 6	18 55 36	13°48'05	10♍10	6°44	6°45	2°15	28°45	12°14	3°51	27° 0	3°30	8°D38	10° 4	25°33	19°39	T 6
W 7	18 59 32	14°45'17	24°31	8°13	7°54	2°47	28°52	12°22	3°53	27° 2	3°31	8°38	10° 0	25°40	19°44	W 7
T 8	19 3 29	15°42'30	8♎34	9°41	9° 4	3°19	28°59	12°30	3°54	27° 4	3°32	8°39	9°57	25°46	19°49	T 8
F 9	19 7 25	16°39'43	22°20	11° 6	10°14	3°51	29° 6	12°37	3°56	27° 5	3°33	8°R39	9°54	25°53	19°54	F 9
S 10	19 11 22	17°36'55	5♏49	12°29	11°24	4°23	29°14	12°45	3°57	27° 7	3°34	8°38	9°51	26° 0	19°59	S 10
S 11	19 15 18	18°34'07	19° 2	13°49	12°34	4°56	29°21	12°53	3°59	27° 9	3°35	8°34	9°48	26° 6	20° 4	S 11
M12	19 19 15	19°31'20	2♐ 1	15° 7	13°45	5°29	29°29	13° 1	4° 0	27°10	3°36	8°28	9°44	26°13	20° 8	M12
T 13	19 23 11	20°28'32	14°46	16°23	14°55	6° 2	29°37	13° 9	4° 2	27°12	3°37	8°21	9°41	26°20	20°13	T 13
W14	19 27 8	21°25'45	27°19	17°37	16° 5	6°35	29°45	13°16	4° 3	27°13	3°38	8°13	9°38	26°26	20°18	W14
T 15	19 31 5	22°22'58	9♑41	18°47	17°16	7° 8	29°53	13°24	4° 5	27°15	3°39	8° 5	9°35	26°33	20°23	T 15
F 16	19 35 1	23°20'11	21°52	19°56	18°26	7°41	0♎ 1	13°32	4° 7	27°16	3°40	7°57	9°32	26°40	20°27	F 16
S 17	19 38 58	24°17'25	3♒55	21° 1	19°37	8°15	0° 9	13°40	4° 9	27°17	3°41	7°51	9°29	26°46	20°32	S 17
S 18	19 42 54	25°14'39	15°50	22° 4	20°47	8°48	0°18	13°47	4°11	27°19	3°42	7°47	9°25	26°53	20°37	S 18
M19	19 46 51	26°11'54	27°39	23° 4	21°58	9°22	0°26	13°55	4°13	27°20	3°42	7°44	9°22	27° 0	20°41	M19
T 20	19 50 47	27° 9'09	9♓26	24° 1	23° 9	9°56	0°35	14° 3	4°15	27°21	3°43	7°D44	9°19	27° 6	20°46	T 20
W21	19 54 44	28° 6'25	21°14	24°55	24°19	10°30	0°44	14°10	4°17	27°23	3°44	7°45	9°16	27°13	20°50	W21
T 22	19 58 40	29° 3'42	3♈ 7	25°46	25°30	11° 4	0°53	14°18	4°19	27°24	3°45	7°46	9°13	27°19	20°55	T 22
F 23	20 2 37	0♌ 1'00	15° 9	26°33	26°41	11°39	1° 1	14°25	4°21	27°25	3°46	7°48	9°10	27°26	20°59	F 23
S 24	20 6 34	0°58'18	27°26	27°17	27°52	12°13	1°11	14°33	4°23	27°27	3°47	7°R49	9° 6	27°33	21° 4	S 24
S 25	20 10 30	1°55'38	10♉ 2	27°57	29° 3	12°48	1°20	14°41	4°25	27°28	3°48	7°48	9° 3	27°39	21° 8	S 25
M26	20 14 27	2°52'58	23° 2	28°34	0♋15	13°23	1°29	14°48	4°27	27°29	3°48	7°47	9° 0	27°46	21°13	M26
T 27	20 18 23	3°50'20	6♊28	29° 6	1°26	13°58	1°38	14°56	4°29	27°30	3°49	7°44	8°57	27°53	21°17	T 27
W28	20 22 20	4°47'42	20°23	29°35	2°37	14°33	1°48	15° 3	4°32	27°31	3°50	7°40	8°54	27°59	21°21	W28
T 29	20 26 16	5°45'06	4♋44	29°59	3°48	15° 8	1°57	15°11	4°34	27°32	3°51	7°35	8°50	28° 6	21°25	T 29
F 30	20 30 13	6°42'31	19°28	0♍18	5° 0	15°44	2° 7	15°18	4°37	27°33	3°51	7°31	8°47	28°13	21°30	F 30
S 31	20 34 9	7♌39'56	4♌28	0♍33	6♋11	16♎19	2♎17	15♋26	4♎39	27♉34	3♊52	7♍27	8♍44	28♒19	21♊34	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23n 9	18n33	4s51	22n 8	1n45	18n22	2s 2	0n28	0n21	1n54	1n17	22n32	0s25	0s51	0n42	17n50	1s41	8n44	12s19	8n11	7n42	11s55	18n 7	4s55	
F 2	23 5	18 42	4 18	21 43	1 40	18 37	2 1	0 14	0 19	1 51	1 17	22 31	0 25	0 51	0 42	17 50	1 41	8 44	12 20	8 14	7 43	11 53	18 7	4 55	
S 3	23 0	17 34	3 28	21 16	1 36	18 52	1 59	0 1	0 18	1 49	1 17	22 30	0 25	0 52	0 42	17 51	1 41	8 44	12 20	8 17	7 44	11 52	18 8	4 55	
S 4	22 55	15 14	2 24	20 49	1 30	19 7	1 57	0s13	0 17	1 46	1 17	22 30	0 25	0 52	0 42	17 51	1 41	8 44	12 20	8 19	7 46	11 50	18 8	4 55	
M 5	22 50	11 55	1 10	20 21	1 25	19 21	1 55	0 26	0 16	1 43	1 16	22 29	0 25	0 53	0 42	17 51	1 41	8 44	12 20	8 20	7 47	11 49	18 8	4 56	
T 6	22 44	7 53	0n 8	19 52	1 18	19 35	1 53	0 40	0 15	1 40	1 16	22 29	0 25	0 53	0 42	17 52	1 41	8 44	12 20	8 20	7 48	11 48	18 8	4 56	
W 7	22 38	3 28	1 24	19 22	1 11	19 49	1 51	0 54	0 14	1 37	1 16	22 28	0 25	0 54	0 42	17 52	1 41	8 44	12 20	8 20	7 49	11 46	18 8	4 56	
T 8	22 32	1s 3	2 34	18 52	1 4	20 2	1 49	1 7	0 13	1 34	1 16	22 27	0 25	0 54	0 42	17 52	1 41	8 44	12 20	8 20	7 50	11 45	18 8	4 56	
F 9	22 25	5 24	3 33	18 21	0 56	20 14	1 47	1 21	0 11	1 31	1 16	22 27	0 25	0 55	0 42	17 53	1 41	8 45	12 20	8 20	7 52	11 43	18 8	4 56	
S 10	22 17	9 23	4 19	17 50	0 48	20 26	1 45	1 35	0 10	1 28	1 15	22 26	0 24	0 56	0 42	17 53	1 41	8 45	12 21	8 20	7 53	11 42	18 8	4 57	
S 11	22 10	12 50	4 50	17 19	0 39	20 37	1 42	1 49	0 9	1 24	1 15	22 25	0 24	0 56	0 42	17 53	1 41	8 45	12 21	8 22	7 54	11 40	18 9	4 57	
M12	22 2	15 35	5 6	16 47	0 30	20 48	1 40	2 3	0 8	1 21	1 15	22 25	0 24	0 57	0 42	17 54	1 41	8 45	12 21	8 24	7 55	11 39	18 9	4 57	
T 13	21 53	17 31	5 6	16 15	0 20	20 59	1 38	2 17	0 7	1 18	1 15	22 24	0 24	0 58	0 42	17 54	1 41	8 45	12 21	8 27	7 56	11 38	18 9	4 57	
W14	21 45	18 35	4 51	15 44	0 10	21 9	1 35	2 31	0 6	1 14	1 15	22 23	0 24	0 58	0 42	17 54	1 41	8 45	12 21	8 30	7 58	11 36	18 9	4 58	
T 15	21 36	18 44	4 23	15 12	0 0	21 18	1 33	2 45	0 5	1 11	1 14	22 23	0 24	0 59	0 42	17 55	1 41	8 45	12 21	8 33	7 59	11 35	18 9	4 58	
F 16	21 26	18 1	3 43	14 41	0s11	21 27	1 30	2 59	0 4	1 8	1 14	22 22	0 24	1 0	0 42	17 55	1 41	8 45	12 22	8 35	8 0	11 33	18 9	4 58	
S 17	21 16	16 29	2 53	14 9	0 22	21 35	1 28	3 14	0 3	1 4	1 14	22 21	0 24	1 1	0 42	17 55	1 41	8 45	12 22	8 38	8 1	11 32	18 9	4 59	
S 18	21 6	14 15	1 56	13 39	0 33	21 43	1 25	3 28	0 2	1 1	1 14	22 21	0 24	1 1	0 42	17 55	1 41	8 45	12 22	8 39	8 2	11 30	18 9	4 59	
M19	20 55	11 26	0 55	13 8	0 44	21 50	1 22	3 42	0 1	0 57	1 14	22 20	0 24	1 2	0 42	17 56	1 41	8 45	12 22	8 40	8 4	11 29	18 9	4 59	
T 20	20 44	8 11	0s 9	12 38	0 56	21 57	1 20	3 56	0s 0	0 54	1 14	22 19	0 24	1 3	0 42	17 56	1 41	8 45	12 22	8 40	8 5	11 27	18 9	4 59	
W21	20 33	4 36	1 13	12 9	1 8	22 3	1 17	4 11	0 1	0 50	1 13	22 18	0 24	1 4	0 42	17 56	1 41	8 45	12 22	8 40	8 6	11 26	18 9	5 0	
T 22	20 21	0 49	2 14	11 40	1 21	22 8	1 14	4 25	0 2	0 46	1 13	22 18	0 23	1 5	0 42	17 56	1 42	8 45	12 23	8 40	8 7	11 25	18 9	5 0	
F 23	20 9	3n 3	3 10	11 13	1 33	22 13	1 12	4 39	0 3	0 42	1 13	22 17	0 23	1 6	0 42	17 57	1 42	8 45	12 23	8 39	8 8	11 23	18 9	5 0	
S 24	19 57	6 51	3 59	10 46	1 46	22 17	1 9	4 54	0 4	0 39	1 13	22 16	0 23	1 6	0 41	17 57	1 42	8 45	12 23	8 39	8 10	11 22	18 9	5 1	
S 25	19 44	10 27	4 37	10 20	1 59	22 21	1 6	5 8	0 5	0 35	1 13	22 15	0 23	1 7	0 41	17 57	1 42	8 45	12 23	8 39	8 11	11 20	18 9	5 1	
M26	19 31	13 40	5 2	9 55	2 12	22 24	1 3	5 23	0 6	0 31	1 12	22 15	0 23	1 8	0 41	17 57	1 42	8 44	12 23	8 39	8 12	11 19	18 9	5 1	
T 27	19 18	16 16	5 13	9 32	2 24	22 26	1 0	5 37	0 7	0 27	1 12	22 14	0 23	1 9	0 41	17 58	1 42	8 44	12 23	8 41	8 13	11 17	18 9	5 2	
W28	19 5	18 2	5 5	9 10	2 37	22 28	0 57	5 52	0 8	0 23	1 12	22 13	0 23	1 10	0 41	17 58	1 42	8 44	12 24	8 42	8 14	11 16	18 9	5 2	
T 29	18 51	18 44	4 39	8 50	2 50	22 29	0 55	6 6	0 9	0 19	1 12	22 12	0 23	1 11	0 41	17 58	1 42	8 44	12 24	8 44	8 16	11 14	18 9	5 2	
F 30	18 36	18 12	3 53	8 31	3 3	22 30	0 52	6 21	0 10	0 15	1 12	22 12	0 23	1 12	0 41	17 58	1 42	8 44	12 24	8 45	8 17	11 13	18 9	5 3	
S 31	18n22	16n23	2s51	8n14	3s15	22n30	0s49	6s35	0s11	0n11	1n12	22n11	0s23	1s13	0n41	17n58	1s42	8n44	12s24	8n47	8n18	11s11	18n 8	5s 3	

Julian Day Number = 2410088.5, Delta T = -4.25 sec
Ecliptic obliquity = 23°27'05, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°09'19, Lahiri = 22°16'19

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ASTRODIENST EPHEMERIS for the year 1886
geocentric

AUGUST 1886 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 38 6	8♌37'23	19♌35	0♍43	7♋23	16♎55	2♎27	15♋33	4♎41	27♉35	3♊53	7°R25	8♍41	28♒26	21♊38	S 1
M 2	20 42 3	9°34'50	4♍41	0°R48	8°34	17°31	2°36	15°40	4°44	27°36	3°53	7°D24	8°38	28°33	21°42	M 2
T 3	20 45 59	10°32'18	19°36	0°48	9°46	18° 7	2°46	15°48	4°46	27°37	3°54	7♍24	8°35	28°39	21°46	T 3
W 4	20 49 56	11°29'47	4♎13	0°43	10°58	18°43	2°57	15°55	4°49	27°38	3°55	7°25	8°31	28°46	21°50	W 4
T 5	20 53 52	12°27'16	18°29	0°32	12°10	19°19	3° 7	16° 2	4°52	27°39	3°55	7°27	8°28	28°53	21°54	T 5
F 6	20 57 49	13°24'46	2♏22	0°16	13°21	19°55	3°17	16°10	4°54	27°40	3°56	7°28	8°25	28°59	21°58	F 6
S 7	21 1 45	14°22'17	15°52	29♌55	14°33	20°32	3°27	16°17	4°57	27°41	3°56	7°R28	8°22	29° 6	22° 2	S 7
S 8	21 5 42	15°19'49	29° 0	29°28	15°45	21° 8	3°38	16°24	5° 0	27°41	3°57	7°27	8°19	29°12	22° 5	S 8
M 9	21 9 38	16°17'22	11♐50	28°57	16°57	21°45	3°48	16°31	5° 3	27°42	3°57	7°26	8°16	29°19	22° 9	M 9
T 10	21 13 35	17°14'55	24°23	28°21	18° 9	22°22	3°59	16°38	5° 5	27°43	3°58	7°23	8°12	29°26	22°13	T 10
W11	21 17 32	18°12'30	6♑42	27°41	19°21	22°59	4°10	16°45	5° 8	27°44	3°58	7°21	8° 9	29°32	22°16	W11
T 12	21 21 28	19°10'05	18°51	26°57	20°34	23°36	4°20	16°52	5°11	27°44	3°59	7°18	8° 6	29°39	22°20	T 12
F 13	21 25 25	20° 7'42	0♒51	26°10	21°46	24°13	4°31	16°59	5°14	27°45	3°59	7°15	8° 3	29°46	22°23	F 13
S 14	21 29 21	21° 5'20	12°45	25°21	22°58	24°50	4°42	17° 6	5°17	27°46	4° 0	7°13	8° 0	29°52	22°27	S 14
S 15	21 33 18	22° 2'59	24°35	24°30	24°10	25°28	4°53	17°13	5°20	27°46	4° 0	7°12	7°56	29°59	22°30	S 15
M16	21 37 14	23° 0'39	6♓22	23°39	25°23	26° 5	5° 4	17°20	5°23	27°47	4° 1	7°D12	7°53	0♓ 6	22°34	M16
T 17	21 41 11	23°58'20	18°10	22°48	26°35	26°43	5°15	17°27	5°26	27°47	4° 1	7°12	7°50	0°12	22°37	T 17
W18	21 45 7	24°56'03	0♈ 1	21°59	27°48	27°21	5°26	17°34	5°29	27°48	4° 1	7°13	7°47	0°19	22°40	W18
T 19	21 49 4	25°53'48	11°58	21°13	29° 0	27°58	5°38	17°40	5°32	27°48	4° 2	7°14	7°44	0°26	22°43	T 19
F 20	21 53 0	26°51'34	24° 4	20°30	0♌13	28°36	5°49	17°47	5°35	27°48	4° 2	7°15	7°41	0°32	22°46	F 20
S 21	21 56 57	27°49'22	6♉23	19°51	1°26	29°14	6° 0	17°54	5°38	27°49	4° 2	7°16	7°37	0°39	22°49	S 21
S 22	22 0 54	28°47'11	18°59	19°18	2°38	29°53	6°12	18° 0	5°42	27°49	4° 3	7°16	7°34	0°46	22°52	S 22
M23	22 4 50	29°45'02	1♊56	18°51	3°51	0♏31	6°23	18° 7	5°45	27°49	4° 3	7°R16	7°31	0°52	22°55	M23
T 24	22 8 47	0♍42'55	15°16	18°30	5° 4	1° 9	6°35	18°13	5°48	27°50	4° 3	7°16	7°28	0°59	22°58	T 24
W25	22 12 43	1°40'50	29° 1	18°17	6°17	1°48	6°46	18°20	5°51	27°50	4° 3	7°16	7°25	1° 5	23° 1	W25
T 26	22 16 40	2°38'47	13♋14	18°D12	7°30	2°26	6°58	18°26	5°55	27°50	4° 3	7°15	7°21	1°12	23° 4	T 26
F 27	22 20 36	3°36'46	27°50	18°14	8°43	3° 5	7°10	18°32	5°58	27°50	4° 4	7°15	7°18	1°19	23° 7	F 27
S 28	22 24 33	4°34'46	12♌46	18°25	9°56	3°44	7°22	18°39	6° 1	27°50	4° 4	7°14	7°15	1°25	23° 9	S 28
S 29	22 28 29	5°32'48	27°54	18°44	11° 9	4°23	7°34	18°45	6° 5	27°50	4° 4	7°14	7°12	1°32	23°12	S 29
M30	22 32 26	6°30'51	13♍ 5	19°11	12°22	5° 2	7°45	18°51	6° 8	27°51	4° 4	7°D14	7° 9	1°39	23°14	M30
T 31	22 36 23	7♍28'57	28♍11	19♌47	13♌36	5♏41	7♎57	18♋57	6♎12	27°R51	4♊ 4	7°R14	7♍ 6	1♓45	23♊17	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	18n 7	13n26	1s36	8n 0	3s27	22n29	0s46	6s50	0s12	0n 7	1n12	22n10	0s23	1s14	0n41	17n59	1s42	8n44	12s24	8n48	8n19	11s10	18n 8	5s 3	
M 2	17 52	9 34	0 15	7 47	3 39	22 28	0 43	7 4	0 12	0 3	1 11	22 9	0 23	1 15	0 41	17 59	1 42	8 44	12 25	8 48	8 20	11 8	18 8	5 4	
T 3	17 36	5 9	1n 7	7 36	3 50	22 26	0 40	7 19	0 13	0s 1	1 11	22 9	0 23	1 16	0 41	17 59	1 42	8 44	12 25	8 48	8 22	11 7	18 8	5 4	
W 4	17 21	0 30	2 22	7 28	4 1	22 23	0 37	7 33	0 14	0 5	1 11	22 8	0 23	1 17	0 41	17 59	1 42	8 44	12 25	8 47	8 23	11 5	18 8	5 5	
T 5	17 5	4s 3	3 27	7 23	4 11	22 20	0 34	7 48	0 15	0 9	1 11	22 7	0 22	1 18	0 41	17 59	1 42	8 44	12 25	8 47	8 24	11 4	18 8	5 5	
F 6	16 48	8 15	4 18	7 20	4 20	22 16	0 31	8 2	0 16	0 13	1 11	22 6	0 22	1 19	0 41	17 59	1 42	8 44	12 25	8 46	8 25	11 2	18 8	5 5	
S 7	16 32	11 55	4 53	7 19	4 28	22 12	0 28	8 17	0 17	0 18	1 11	22 5	0 22	1 20	0 41	17 59	1 42	8 44	12 26	8 46	8 26	11 1	18 8	5 6	
S 8	16 15	14 52	5 12	7 22	4 35	22 6	0 25	8 32	0 18	0 22	1 11	22 5	0 22	1 22	0 41	18 0	1 42	8 43	12 26	8 47	8 27	10 59	18 7	5 6	
M 9	15 58	17 1	5 14	7 27	4 41	22 1	0 22	8 46	0 19	0 26	1 10	22 4	0 22	1 23	0 41	18 0	1 42	8 43	12 26	8 47	8 29	10 58	18 7	5 6	
T 10	15 40	18 18	5 2	7 36	4 45	21 54	0 19	9 1	0 19	0 31	1 10	22 3	0 22	1 24	0 41	18 0	1 42	8 43	12 26	8 48	8 30	10 56	18 7	5 7	
W11	15 23	18 42	4 35	7 47	4 48	21 47	0 16	9 15	0 20	0 35	1 10	22 2	0 22	1 25	0 41	18 0	1 43	8 43	12 27	8 49	8 31	10 55	18 7	5 7	
T 12	15 5	18 13	3 57	8 0	4 49	21 40	0 13	9 30	0 21	0 39	1 10	22 1	0 22	1 26	0 41	18 0	1 43	8 43	12 27	8 50	8 32	10 53	18 7	5 8	
F 13	14 47	16 55	3 8	8 16	4 48	21 31	0 10	9 44	0 22	0 44	1 10	22 1	0 22	1 27	0 41	18 0	1 43	8 43	12 27	8 51	8 33	10 52	18 6	5 8	
S 14	14 29	14 54	2 11	8 35	4 46	21 22	0 7	9 59	0 23	0 48	1 10	22 0	0 22	1 29	0 41	18 0	1 43	8 43	12 27	8 52	8 35	10 50	18 6	5 9	
S 15	14 10	12 15	1 9	8 56	4 42	21 13	0 5	10 13	0 24	0 53	1 10	21 59	0 22	1 30	0 41	18 0	1 43	8 42	12 27	8 52	8 36	10 49	18 6	5 9	
M16	13 51	9 6	0 5	9 18	4 35	21 3	0 2	10 27	0 24	0 57	1 9	21 58	0 22	1 31	0 41	18 0	1 43	8 42	12 28	8 52	8 37	10 47	18 6	5 9	
T 17	13 32	5 36	1s 1	9 42	4 27	20 52	0n 1	10 42	0 25	1 2	1 9	21 57	0 22	1 32	0 41	18 0	1 43	8 42	12 28	8 52	8 38	10 46	18 5	5 10	
W18	13 13	1 53	2 3	10 7	4 17	20 41	0 4	10 56	0 26	1 6	1 9	21 56	0 22	1 33	0 41	18 0	1 43	8 42	12 28	8 52	8 39	10 44	18 5	5 10	
T 19	12 54	1n57	3 1	10 33	4 6	20 29	0 7	11 10	0 27	1 11	1 9	21 56	0 22	1 35	0 41	18 0	1 43	8 42	12 28	8 52	8 41	10 43	18 5	5 11	
F 20	12 34	5 45	3 52	10 59	3 53	20 16	0 10	11 25	0 27	1 15	1 9	21 55	0 21	1 36	0 41	18 0	1 43	8 42	12 29	8 51	8 42	10 41	18 5	5 11	
S 21	12 14	9 21	4 33	11 25	3 38	20 3	0 12	11 39	0 28	1 20	1 9	21 54	0 21	1 37	0 41	18 1	1 43	8 42	12 29	8 51	8 43	10 40	18 4	5 12	
S 22	11 54	12 38	5 2	11 50	3 23	19 50	0 15	11 53	0 29	1 25	1 9	21 53	0 21	1 39	0 41	18 1	1 43	8 41	12 29	8 51	8 44	10 38	18 4	5 12	
M23	11 34	15 23	5 16	12 14	3 6	19 35	0 18	12 7	0 30	1 29	1 9	21 52	0 21	1 40	0 41	18 1	1 43	8 41	12 29	8 51	8 45	10 37	18 4	5 12	
T 24	11 14	17 25	5 15	12 37	2 48	19 21	0 21	12 21	0 30	1 34	1 9	21 52	0 21	1 41	0 41	18 1	1 43	8 41	12 29	8 51	8 46	10 35	18 3	5 13	
W25	10 53	18 32	4 55	12 58	2 31	19 5	0 23	12 36	0 31	1 39	1 8	21 51	0 21	1 42	0 40	18 1	1 43	8 41	12 30	8 51	8 48	10 34	18 3	5 13	
T 26	10 32	18 31	4 17	13 17	2 12	18 49	0 26	12 50	0 32	1 43	1 8	21 50	0 21	1 44	0 40	18 1	1 43	8 41	12 30	8 51	8 49	10 32	18 3	5 14	
F 27	10 11	17 18	3 22	13 34	1 54	18 33	0 28	13 4	0 33	1 48	1 8	21 49	0 21	1 45	0 40	18 1	1 43	8 40	12 30	8 51	8 50	10 31	18 2	5 14	
S 28	9 50	14 53	2 12	13 48	1 35	18 16	0 31	13 18	0 33	1 53	1 8	21 48	0 21	1 46	0 40	18 0	1 43	8 40	12 30	8 51	8 51	10 29	18 2	5 15	
S 29	9 29	11 24	0 52	14 0	1 17	17 58	0 33	13 31	0 34	1 58	1 8	21 48	0 21	1 48	0 40	18 0	1 44	8 40	12 31	8 51	8 52	10 28	18 2	5 15	
M30	9 8	7 9	0n33	14 8	0 59	17 40	0 36	13 45	0 35	2 2	1 8	21 47	0 21	1 49	0 40	18 0	1 44	8 40	12 31	8 51	8 54	10 26	18 1	5 16	
T 31	8n46	2n28	1n54	14n14	0s42	17n22	0n38	13s59	0s35	2s 7	1n 8	21n46	0s21	1s51	0n40	18n 0	1s44	8n40	12s31	8n51	8n55	10s24	18n 1	5s16	

Julian Day Number = 2410119.5, Delta T = -4.24 sec
Ecliptic obliquity = 23°27'06, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°09'23, Lahiri = 22°16'23

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ASTRODIENST EPHEMERIS for the year 1886
geocentric

SEPTEMBER 1886 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 40 19	8♍27'03	13♎ 1	20♌30	14♌49	6♏21	8♎ 9	19♋ 3	6♎15	27°R51	4♊ 4	7°R14	7♍ 2	1♓52	23♊19	W 1
T 2	22 44 16	9°25'11	27°30	21°21	16° 2	7° 0	8°22	19° 9	6°18	27♉51	4° 4	7♍14	6°59	1°59	23°21	T 2
F 3	22 48 12	10°23'21	11♏34	22°20	17°16	7°39	8°34	19°15	6°22	27°50	4°R 4	7°14	6°56	2° 5	23°24	F 3
S 4	22 52 9	11°21'32	25°12	23°25	18°29	8°19	8°46	19°21	6°25	27°50	4° 4	7°13	6°53	2°12	23°26	S 4
S 5	22 56 5	12°19'45	8♐23	24°37	19°42	8°59	8°58	19°26	6°29	27°50	4° 4	7°D13	6°50	2°19	23°28	S 5
M 6	23 0 2	13°17'59	21°11	25°55	20°56	9°38	9°10	19°32	6°33	27°50	4° 4	7°13	6°47	2°25	23°30	M 6
T 7	23 3 58	14°16'15	3♑39	27°19	22° 9	10°18	9°23	19°38	6°36	27°50	4° 4	7°14	6°43	2°32	23°32	T 7
W 8	23 7 55	15°14'32	15°52	28°48	23°23	10°58	9°35	19°43	6°40	27°50	4° 4	7°14	6°40	2°38	23°34	W 8
T 9	23 11 52	16°12'50	27°53	0♍21	24°37	11°38	9°47	19°49	6°43	27°49	4° 4	7°15	6°37	2°45	23°35	T 9
F 10	23 15 48	17°11'11	9♒46	1°58	25°50	12°19	10° 0	19°54	6°47	27°49	4° 4	7°16	6°34	2°52	23°37	F 10
S 11	23 19 45	18° 9'33	21°35	3°39	27° 4	12°59	10°12	19°59	6°51	27°49	4° 4	7°17	6°31	2°58	23°39	S 11
S 12	23 23 41	19° 7'56	3♓23	5°22	28°18	13°39	10°25	20° 5	6°54	27°48	4° 3	7°R17	6°27	3° 5	23°40	S 12
M13	23 27 38	20° 6'22	15°11	7° 8	29°32	14°20	10°37	20°10	6°58	27°48	4° 3	7°17	6°24	3°12	23°42	M13
T 14	23 31 34	21° 4'49	27° 4	8°56	0♍46	15° 0	10°50	20°15	7° 2	27°48	4° 3	7°16	6°21	3°18	23°43	T 14
W15	23 35 31	22° 3'18	9♈ 3	10°45	2° 0	15°41	11° 2	20°20	7° 5	27°47	4° 3	7°15	6°18	3°25	23°45	W15
T 16	23 39 27	23° 1'49	21° 9	12°35	3°13	16°22	11°15	20°25	7° 9	27°47	4° 2	7°13	6°15	3°32	23°46	T 16
F 17	23 43 24	24° 0'22	3♉25	14°26	4°27	17° 2	11°27	20°30	7°13	27°46	4° 2	7°10	6°12	3°38	23°47	F 17
S 18	23 47 21	24°58'58	15°53	16°18	5°42	17°43	11°40	20°34	7°16	27°46	4° 2	7° 8	6° 8	3°45	23°48	S 18
S 19	23 51 17	25°57'35	28°34	18°10	6°56	18°24	11°53	20°39	7°20	27°45	4° 2	7° 6	6° 5	3°52	23°49	S 19
M20	23 55 14	26°56'15	11♊33	20° 1	8°10	19° 5	12° 6	20°44	7°24	27°44	4° 1	7° 4	6° 2	3°58	23°50	M20
T 21	23 59 10	27°54'57	24°49	21°53	9°24	19°47	12°18	20°48	7°28	27°44	4° 1	7°D 3	5°59	4° 5	23°51	T 21
W22	0 3 7	28°53'41	8♋27	23°44	10°38	20°28	12°31	20°53	7°31	27°43	4° 1	7° 3	5°56	4°11	23°52	W22
T 23	0 7 3	29°52'28	22°26	25°35	11°52	21° 9	12°44	20°57	7°35	27°42	4° 0	7° 4	5°52	4°18	23°53	T 23
F 24	0 11 0	0♎51'17	6♌46	27°26	13° 7	21°51	12°57	21° 1	7°39	27°42	4° 0	7° 6	5°49	4°25	23°53	F 24
S 25	0 14 56	1°50'08	21°25	29°15	14°21	22°32	13°10	21° 6	7°43	27°41	3°59	7° 7	5°46	4°31	23°54	S 25
S 26	0 18 53	2°49'01	6♍18	1♎ 4	15°35	23°14	13°22	21°10	7°46	27°40	3°59	7°R 8	5°43	4°38	23°55	S 26
M27	0 22 49	3°47'56	21°20	2°52	16°50	23°56	13°35	21°14	7°50	27°39	3°58	7° 7	5°40	4°45	23°55	M27
T 28	0 26 46	4°46'54	6♎21	4°40	18° 4	24°38	13°48	21°18	7°54	27°38	3°58	7° 5	5°37	4°51	23°55	T 28
W29	0 30 43	5°45'53	21°13	6°26	19°19	25°19	14° 1	21°21	7°58	27°37	3°57	7° 2	5°33	4°58	23°56	W29
T 30	0 34 39	6♎44'55	5♏47	8♎12	20♍33	26♏ 1	14♎14	21♋25	8♎ 1	27♉36	3♊57	6♍58	5♍30	5♓ 5	23♊56	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n24	2s17	3n 6	14n16	0s25	17n 3	0n41	14s13	0s36	2s12	1n 8	21n45	0s21	1s52	0n40	18n 0	1s44	8n39	12s31	8n52	8n56	10s23	18n 1	5s17
T 2	8 3	6 47	4 5	14 15	0 9	16 43	0 43	14 26	0 37	2 17	1 8	21 45	0 21	1 53	0 40	18 0	1 44	8 39	12 32	8 52	8 57	10 21	18 0	5 17
F 3	7 41	10 46	4 47	14 10	0n 6	16 23	0 45	14 40	0 38	2 22	1 8	21 44	0 21	1 55	0 40	18 0	1 44	8 39	12 32	8 52	8 58	10 20	18 0	5 18
S 4	7 19	14 2	5 11	14 2	0 20	16 3	0 48	14 53	0 38	2 26	1 8	21 43	0 20	1 56	0 40	18 0	1 44	8 39	12 32	8 52	8 59	10 18	18 0	5 18
S 5	6 56	16 29	5 18	13 51	0 33	15 42	0 50	15 7	0 39	2 31	1 7	21 42	0 20	1 58	0 40	18 0	1 44	8 38	12 32	8 52	9 1	10 17	17 59	5 19
M 6	6 34	18 2	5 9	13 36	0 45	15 21	0 52	15 20	0 40	2 36	1 7	21 42	0 20	1 59	0 40	18 0	1 44	8 38	12 32	8 52	9 2	10 15	17 59	5 19
T 7	6 12	18 39	4 45	13 18	0 56	14 59	0 54	15 33	0 40	2 41	1 7	21 41	0 20	2 0	0 40	18 0	1 44	8 38	12 33	8 52	9 3	10 14	17 58	5 20
W 8	5 49	18 24	4 9	12 56	1 6	14 37	0 56	15 46	0 41	2 46	1 7	21 40	0 20	2 2	0 40	18 0	1 44	8 38	12 33	8 51	9 4	10 12	17 58	5 20
T 9	5 27	17 18	3 22	12 32	1 15	14 14	0 58	15 59	0 41	2 51	1 7	21 39	0 20	2 3	0 40	18 0	1 44	8 38	12 33	8 51	9 5	10 10	17 58	5 21
F 10	5 4	15 27	2 27	12 4	1 23	13 51	1 0	16 12	0 42	2 56	1 7	21 39	0 20	2 5	0 40	18 0	1 44	8 37	12 33	8 51	9 6	10 9	17 57	5 21
S 11	4 41	12 57	1 26	11 34	1 30	13 28	1 2	16 25	0 43	3 1	1 7	21 38	0 20	2 6	0 40	17 59	1 44	8 37	12 34	8 50	9 8	10 7	17 57	5 22
S 12	4 18	9 56	0 22	11 2	1 36	13 4	1 4	16 38	0 43	3 6	1 7	21 37	0 20	2 8	0 40	17 59	1 44	8 37	12 34	8 50	9 9	10 6	17 56	5 22
M13	3 55	6 31	0s44	10 27	1 40	12 40	1 5	16 51	0 44	3 11	1 7	21 37	0 20	2 9	0 40	17 59	1 44	8 37	12 34	8 50	9 10	10 4	17 56	5 23
T 14	3 32	2 49	1 48	9 50	1 44	12 15	1 7	17 3	0 45	3 16	1 7	21 36	0 20	2 11	0 40	17 59	1 44	8 36	12 34	8 51	9 11	10 3	17 55	5 23
W15	3 9	1n 2	2 47	9 11	1 47	11 50	1 9	17 16	0 45	3 21	1 7	21 35	0 20	2 12	0 40	17 59	1 44	8 36	12 34	8 51	9 12	10 1	17 55	5 24
T 16	2 46	4 52	3 40	8 31	1 49	11 25	1 10	17 28	0 46	3 26	1 7	21 34	0 20	2 13	0 40	17 59	1 44	8 36	12 35	8 52	9 14	9 59	17 54	5 24
F 17	2 23	8 32	4 23	7 49	1 50	11 0	1 12	17 40	0 46	3 31	1 7	21 34	0 20	2 15	0 40	17 58	1 45	8 35	12 35	8 53	9 15	9 58	17 54	5 25
S 18	2 0	11 54	4 54	7 6	1 50	10 34	1 13	17 53	0 47	3 36	1 7	21 33	0 20	2 16	0 40	17 58	1 45	8 35	12 35	8 54	9 16	9 56	17 54	5 25
S 19	1 36	14 46	5 12	6 22	1 49	10 8	1 15	18 5	0 48	3 41	1 7	21 32	0 20	2 18	0 40	17 58	1 45	8 35	12 35	8 55	9 17	9 55	17 53	5 26
M20	1 13	16 59	5 15	5 37	1 48	9 41	1 16	18 16	0 48	3 46	1 7	21 32	0 20	2 19	0 40	17 58	1 45	8 35	12 36	8 55	9 18	9 53	17 53	5 26
T 21	0 50	18 20	5 1	4 51	1 47	9 15	1 17	18 28	0 49	3 51	1 6	21 31	0 19	2 21	0 40	17 58	1 45	8 34	12 36	8 56	9 19	9 52	17 52	5 27
W22	0 26	18 42	4 30	4 5	1 44	8 48	1 18	18 40	0 49	3 56	1 6	21 31	0 19	2 22	0 40	17 58	1 45	8 34	12 36	8 55	9 21	9 50	17 52	5 27
T 23	0 3	17 56	3 42	3 18	1 41	8 20	1 20	18 51	0 50	4 1	1 6	21 30	0 19	2 24	0 40	17 57	1 45	8 34	12 36	8 55	9 22	9 48	17 51	5 28
F 24	0s20	16 1	2 40	2 32	1 38	7 53	1 21	19 3	0 50	4 6	1 6	21 29	0 19	2 25	0 40	17 57	1 45	8 34	12 36	8 55	9 23	9 47	17 51	5 28
S 25	0 44	13 1	1 26	1 44	1 34	7 25	1 22	19 14	0 51	4 11	1 6	21 29	0 19	2 27	0 40	17 57	1 45	8 33	12 37	8 54	9 24	9 45	17 50	5 29
S 26	1 7	9 8	0 5	0 57	1 30	6 57	1 23	19 25	0 51	4 16	1 6	21 28	0 19	2 28	0 40	17 57	1 45	8 33	12 37	8 54	9 25	9 44	17 50	5 29
M27	1 31	4 37	1n17	0 10	1 26	6 29	1 24	19 36	0 52	4 21	1 6	21 28	0 19	2 30	0 40	17 56	1 45	8 33	12 37	8 54	9 26	9 42	17 49	5 30
T 28	1 54	0s10	2 34	0s37	1 21	6 1	1 24	19 47	0 52	4 26	1 6	21 27	0 19	2 31	0 40	17 56	1 45	8 32	12 37	8 55	9 28	9 40	17 49	5 30
W29	2 17	4 54	3 39	1 24	1 16	5 32	1 25	19 58	0 53	4 31	1 6	21 27	0 19	2 33	0 40	17 56	1 45	8 32	12 37	8 56	9 29	9 39	17 48	5 31
T 30	2s41	9s14	4n28	2s11	1n10	5n 3	1n26	20s 8	0s53	4s36	1n 6	21n26	0s19	2s34	0n40	17n56	1s45	8n32	12s38	8n58	9n30	9s37	17n48	5s32

Julian Day Number = 2410150.5, Delta T = -4.22 sec
Ecliptic obliquity = 23°27'06, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°09'27, Lahiri = 22°16'28

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1886
geocentric

OCTOBER 1886 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 38 36	7♎43'58	19♏59	9♎57	21♍48	26♏44	14♎27	21♋29	8♎ 5	27°R36	3°R56	6°R53	5♍27	5♓11	23♊56	F 1
S 2	0 42 32	8°43'03	3♐43	11°41	23° 2	27°26	14°40	21°32	8° 9	27♉35	3♊56	6♍49	5°24	5°18	23°R56	S 2
S 3	0 46 29	9°42'10	17° 1	13°24	24°17	28° 8	14°53	21°36	8°13	27°34	3°55	6°45	5°21	5°25	23°56	S 3
M 4	0 50 25	10°41'19	29°52	15° 6	25°32	28°50	15° 6	21°39	8°17	27°33	3°54	6°43	5°18	5°31	23°56	M 4
T 5	0 54 22	11°40'30	12♑21	16°48	26°46	29°33	15°19	21°42	8°20	27°32	3°54	6°D43	5°14	5°38	23°56	T 5
W 6	0 58 18	12°39'42	24°33	18°29	28° 1	0♐15	15°32	21°46	8°24	27°30	3°53	6°43	5°11	5°45	23°55	W 6
T 7	1 2 15	13°38'56	6♒31	20° 8	29°16	0°58	15°45	21°49	8°28	27°29	3°53	6°45	5° 8	5°51	23°55	T 7
F 8	1 6 12	14°38'12	18°21	21°48	0♎30	1°41	15°58	21°52	8°32	27°28	3°52	6°47	5° 5	5°58	23°55	F 8
S 9	1 10 8	15°37'30	0♓ 9	23°26	1°45	2°23	16°11	21°54	8°36	27°27	3°51	6°48	5° 2	6° 4	23°54	S 9
S 10	1 14 5	16°36'49	11°57	25° 4	3° 0	3° 6	16°24	21°57	8°39	27°26	3°50	6°R48	4°58	6°11	23°54	S 10
M11	1 18 1	17°36'10	23°49	26°40	4°15	3°49	16°37	22° 0	8°43	27°25	3°50	6°46	4°55	6°18	23°53	M11
T 12	1 21 58	18°35'34	5♈50	28°17	5°30	4°32	16°50	22° 2	8°47	27°23	3°49	6°43	4°52	6°24	23°52	T 12
W13	1 25 54	19°34'59	17°59	29°52	6°45	5°15	17° 3	22° 5	8°51	27°22	3°48	6°37	4°49	6°31	23°51	W13
T 14	1 29 51	20°34'26	0♉20	1♏27	7°59	5°58	17°16	22° 7	8°54	27°21	3°47	6°30	4°46	6°38	23°50	T 14
F 15	1 33 47	21°33'56	12°52	3° 1	9°14	6°41	17°29	22°10	8°58	27°20	3°47	6°22	4°43	6°44	23°49	F 15
S 16	1 37 44	22°33'27	25°37	4°35	10°29	7°25	17°42	22°12	9° 2	27°18	3°46	6°14	4°39	6°51	23°48	S 16
S 17	1 41 41	23°33'01	8♊34	6° 8	11°44	8° 8	17°55	22°14	9° 5	27°17	3°45	6° 6	4°36	6°58	23°47	S 17
M18	1 45 37	24°32'37	21°43	7°40	12°59	8°52	18° 8	22°16	9° 9	27°16	3°44	6° 0	4°33	7° 4	23°46	M18
T 19	1 49 34	25°32'16	5♋ 6	9°11	14°14	9°35	18°21	22°17	9°13	27°14	3°43	5°56	4°30	7°11	23°45	T 19
W20	1 53 30	26°31'56	18°42	10°42	15°29	10°19	18°34	22°19	9°17	27°13	3°43	5°54	4°27	7°18	23°43	W20
T 21	1 57 27	27°31'39	2♌33	12°13	16°44	11° 2	18°47	22°21	9°20	27°12	3°42	5°D53	4°24	7°24	23°42	T 21
F 22	2 1 23	28°31'24	16°38	13°43	18° 0	11°46	19° 0	22°22	9°24	27°10	3°41	5°54	4°20	7°31	23°41	F 22
S 23	2 5 20	29°31'12	0♍57	15°12	19°15	12°30	19°13	22°24	9°27	27° 9	3°40	5°R55	4°17	7°37	23°39	S 23
S 24	2 9 16	0♏31'01	15°28	16°41	20°30	13°14	19°26	22°25	9°31	27° 7	3°39	5°55	4°14	7°44	23°37	S 24
M25	2 13 13	1°30'53	0♎ 7	18° 9	21°45	13°58	19°38	22°26	9°35	27° 6	3°38	5°52	4°11	7°51	23°36	M25
T 26	2 17 10	2°30'47	14°48	19°36	23° 0	14°42	19°51	22°27	9°38	27° 4	3°37	5°48	4° 8	7°57	23°34	T 26
W27	2 21 6	3°30'43	29°25	21° 3	24°15	15°26	20° 4	22°28	9°42	27° 3	3°36	5°40	4° 4	8° 4	23°32	W27
T 28	2 25 3	4°30'41	13♏51	22°29	25°31	16°10	20°17	22°29	9°45	27° 1	3°35	5°31	4° 1	8°11	23°30	T 28
F 29	2 28 59	5°30'41	27°59	23°54	26°46	16°54	20°30	22°30	9°49	27° 0	3°34	5°21	3°58	8°17	23°28	F 29
S 30	2 32 56	6°30'42	11♐43	25°19	28° 1	17°39	20°43	22°30	9°52	26°58	3°33	5°11	3°55	8°24	23°26	S 30
S 31	2 36 52	7♏30'46	25♐ 3	26♏43	29♎16	18♐23	20♎55	22♋31	9♎56	26♉56	3♊32	5♍ 2	3♍52	8♓31	23♊24	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	3s 4	12s56	5n 0	2s57	1n 5	4n35	1n26	20s18	0s54	4s41	1n 6	21n26	0s19	2s36	0n40	17n55	1s45	8n32	12s38	8n59	9n31	9s36	17n47	5s32
S 2	3 27	15 47	5 13	3 43	0 59	4 6	1 27	20 29	0 54	4 46	1 6	21 25	0 19	2 37	0 40	17 55	1 45	8 31	12 38	9 1	9 32	9 34	17 46	5 33
S 3	3 51	17 42	5 8	4 29	0 53	3 36	1 27	20 39	0 55	4 51	1 6	21 25	0 19	2 39	0 40	17 55	1 45	8 31	12 38	9 2	9 33	9 32	17 46	5 33
M 4	4 14	18 39	4 48	5 14	0 47	3 7	1 28	20 49	0 55	4 56	1 6	21 24	0 19	2 40	0 40	17 55	1 45	8 31	12 38	9 3	9 35	9 31	17 45	5 34
T 5	4 37	18 39	4 15	5 59	0 40	2 38	1 28	20 58	0 56	5 1	1 6	21 24	0 19	2 42	0 40	17 54	1 45	8 30	12 38	9 3	9 36	9 29	17 45	5 34
W 6	5 0	17 46	3 31	6 44	0 34	2 8	1 28	21 8	0 56	5 6	1 6	21 23	0 19	2 43	0 40	17 54	1 45	8 30	12 39	9 3	9 37	9 27	17 44	5 35
T 7	5 23	16 6	2 38	7 28	0 27	1 39	1 29	21 17	0 57	5 11	1 6	21 23	0 18	2 45	0 40	17 54	1 45	8 30	12 39	9 2	9 38	9 26	17 44	5 35
F 8	5 46	13 46	1 39	8 11	0 20	1 9	1 29	21 26	0 57	5 16	1 6	21 22	0 18	2 46	0 40	17 54	1 45	8 30	12 39	9 2	9 39	9 24	17 43	5 36
S 9	6 9	10 52	0 36	8 54	0 14	0 40	1 29	21 35	0 58	5 21	1 6	21 22	0 18	2 48	0 40	17 53	1 46	8 29	12 39	9 1	9 40	9 23	17 43	5 36
S 10	6 32	7 31	0s28	9 36	0 7	0 10	1 29	21 44	0 58	5 26	1 6	21 22	0 18	2 49	0 40	17 53	1 46	8 29	12 39	9 1	9 42	9 21	17 42	5 37
M11	6 55	3 51	1 31	10 18	0s 0	0s20	1 29	21 53	0 58	5 31	1 6	21 21	0 18	2 51	0 40	17 53	1 46	8 29	12 40	9 2	9 43	9 19	17 42	5 37
T 12	7 17	0n 0	2 31	10 59	0 7	0 50	1 28	22 1	0 59	5 36	1 6	21 21	0 18	2 52	0 40	17 52	1 46	8 28	12 40	9 3	9 44	9 18	17 41	5 38
W13	7 40	3 54	3 25	11 39	0 14	1 20	1 28	22 10	0 59	5 41	1 6	21 21	0 18	2 54	0 40	17 52	1 46	8 28	12 40	9 5	9 45	9 16	17 41	5 38
T 14	8 2	7 42	4 9	12 19	0 21	1 49	1 28	22 18	1 0	5 46	1 6	21 20	0 18	2 55	0 40	17 52	1 46	8 28	12 40	9 8	9 46	9 14	17 40	5 39
F 15	8 25	11 13	4 43	12 58	0 28	2 19	1 28	22 26	1 0	5 51	1 6	21 20	0 18	2 57	0 40	17 51	1 46	8 28	12 40	9 11	9 47	9 13	17 39	5 39
S 16	8 47	14 16	5 3	13 36	0 35	2 49	1 27	22 33	1 1	5 56	1 6	21 20	0 18	2 58	0 40	17 51	1 46	8 27	12 40	9 14	9 48	9 11	17 39	5 40
S 17	9 9	16 41	5 8	14 13	0 41	3 19	1 27	22 41	1 1	6 1	1 6	21 19	0 18	3 0	0 40	17 51	1 46	8 27	12 40	9 17	9 50	9 9	17 38	5 40
M18	9 31	18 16	4 57	14 50	0 48	3 48	1 26	22 48	1 1	6 6	1 6	21 19	0 18	3 1	0 40	17 50	1 46	8 27	12 41	9 19	9 51	9 8	17 38	5 41
T 19	9 53	18 52	4 29	15 26	0 55	4 18	1 26	22 55	1 2	6 11	1 6	21 19	0 18	3 2	0 40	17 50	1 46	8 26	12 41	9 21	9 52	9 6	17 37	5 41
W20	10 14	18 24	3 46	16 1	1 2	4 48	1 25	23 2	1 2	6 16	1 6	21 19	0 18	3 4	0 40	17 50	1 46	8 26	12 41	9 21	9 53	9 5	17 37	5 42
T 21	10 36	16 51	2 50	16 36	1 8	5 17	1 24	23 8	1 2	6 21	1 6	21 19	0 18	3 5	0 40	17 49	1 46	8 26	12 41	9 21	9 54	9 3	17 36	5 42
F 22	10 57	14 14	1 42	17 9	1 15	5 47	1 23	23 15	1 3	6 25	1 6	21 18	0 18	3 7	0 40	17 49	1 46	8 26	12 41	9 21	9 55	9 1	17 36	5 43
S 23	11 19	10 44	0 27	17 42	1 21	6 16	1 23	23 21	1 3	6 30	1 6	21 18	0 17	3 8	0 40	17 49	1 46	8 25	12 41	9 21	9 57	9 0	17 35	5 43
S 24	11 40	6 31	0n51	18 13	1 27	6 45	1 22	23 27	1 3	6 35	1 6	21 18	0 17	3 10	0 40	17 48	1 46	8 25	12 41	9 21	9 58	8 58	17 34	5 44
M25	12 0	1 53	2 6	18 44	1 33	7 14	1 21	23 33	1 4	6 40	1 6	21 18	0 17	3 11	0 40	17 48	1 46	8 25	12 41	9 22	9 59	8 56	17 34	5 44
T 26	12 21	2s52	3 13	19 14	1 39	7 43	1 20	23 38	1 4	6 45	1 6	21 18	0 17	3 12	0 40	17 48	1 46	8 25	12 42	9 23	10 0	8 55	17 33	5 45
W27	12 42	7 26	4 6	19 43	1 45	8 12	1 19	23 43	1 4	6 50	1 6	21 18	0 17	3 14	0 40	17 47	1 46	8 24	12 42	9 26	10 1	8 53	17 33	5 45
T 28	13 2	11 30	4 43	20 11	1 51	8 40	1 17	23 48	1 5	6 54	1 6	21 18	0 17	3 15	0 40	17 47	1 46	8 24	12 42	9 30	10 2	8 51	17 32	5 46
F 29	13 22	14 49	5 2	20 38	1 56	9 8	1 16	23 53	1 5	6 59	1 6	21 18	0 17	3 17	0 40	17 46	1 46	8 24	12 42	9 33	10 4	8 50	17 32	5 46
S 30	13 42	17 12	5 3	21 4	2 2	9 36	1 15	23 58	1 5	7 4	1 6	21 18	0 17	3 18	0 40	17 46	1 46	8 23	12 42	9 37	10 5	8 48	17 31	5 47
S 31	14s 1	18s35	4n46	21s29	2s 7	10s 4	1n14	24s 2	1s 6	7s 9	1n 6	21n18	0s17	3s19	0n40	17n46	1s46	8n23	12s42	9n40	10n 6	8s46	17n31	5s47

Julian Day Number = 2410180.5, Delta T = -4.21 sec
Ecliptic obliquity = 23°27'07, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°09'31, Lahiri = 22°16'32

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ASTRODIENST EPHEMERIS for the year 1886
geocentric

NOVEMBER 1886 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 40 49	8♏30'51	7♑57	28♏ 6	0♏31	19♐ 8	21♎ 8	22♋31	9♎59	26°R55	3°R31	4°R56	3♍49	8♓37	23°R22	M 1
T 2	2 44 45	9°30'57	20°28	29°28	1°47	19°52	21°21	22°31	10° 3	26♉53	3♊30	4♍52	3°45	8°44	23♊19	T 2
W 3	2 48 42	10°31'06	2♒41	0♐49	3° 2	20°37	21°33	22°32	10° 6	26°52	3°29	4°50	3°42	8°51	23°17	W 3
T 4	2 52 39	11°31'15	14°40	2°10	4°17	21°22	21°46	22°R32	10°10	26°50	3°28	4°D49	3°39	8°57	23°15	T 4
F 5	2 56 35	12°31'27	26°30	3°29	5°33	22° 6	21°59	22°32	10°13	26°48	3°27	4°50	3°36	9° 4	23°12	F 5
S 6	3 0 32	13°31'39	8♓17	4°46	6°48	22°51	22°11	22°31	10°16	26°47	3°26	4°R50	3°33	9°10	23°10	S 6
S 7	3 4 28	14°31'54	20° 7	6° 3	8° 3	23°36	22°24	22°31	10°20	26°45	3°25	4°49	3°29	9°17	23° 7	S 7
M 8	3 8 25	15°32'09	2♈ 3	7°18	9°19	24°21	22°36	22°31	10°23	26°43	3°24	4°46	3°26	9°24	23° 4	M 8
T 9	3 12 21	16°32'27	14°11	8°31	10°34	25° 6	22°49	22°30	10°26	26°42	3°23	4°39	3°23	9°30	23° 2	T 9
W10	3 16 18	17°32'45	26°32	9°42	11°49	25°51	23° 1	22°29	10°29	26°40	3°22	4°31	3°20	9°37	22°59	W10
T 11	3 20 14	18°33'06	9♉ 8	10°51	13° 5	26°36	23°14	22°29	10°32	26°38	3°21	4°19	3°17	9°44	22°56	T 11
F 12	3 24 11	19°33'28	22° 0	11°58	14°20	27°21	23°26	22°28	10°36	26°37	3°20	4° 7	3°14	9°50	22°53	F 12
S 13	3 28 7	20°33'52	5♊ 6	13° 2	15°35	28° 6	23°38	22°27	10°39	26°35	3°18	3°54	3°10	9°57	22°50	S 13
S 14	3 32 4	21°34'18	18°26	14° 3	16°51	28°52	23°51	22°26	10°42	26°33	3°17	3°42	3° 7	10° 4	22°47	S 14
M15	3 36 1	22°34'45	1♋57	15° 1	18° 6	29°37	24° 3	22°25	10°45	26°32	3°16	3°31	3° 4	10°10	22°44	M15
T 16	3 39 57	23°35'14	15°38	15°54	19°22	0♑22	24°15	22°23	10°48	26°30	3°15	3°24	3° 1	10°17	22°41	T 16
W17	3 43 54	24°35'45	29°25	16°44	20°37	1° 8	24°27	22°22	10°51	26°28	3°14	3°20	2°58	10°24	22°38	W17
T 18	3 47 50	25°36'18	13♌20	17°28	21°52	1°53	24°39	22°20	10°54	26°27	3°13	3°18	2°55	10°30	22°35	T 18
F 19	3 51 47	26°36'52	27°20	18° 7	23° 8	2°39	24°51	22°19	10°57	26°25	3°12	3°17	2°51	10°37	22°32	F 19
S 20	3 55 43	27°37'28	11♍26	18°39	24°23	3°24	25° 3	22°17	11° 0	26°23	3°11	3°17	2°48	10°44	22°29	S 20
S 21	3 59 40	28°38'06	25°37	19° 5	25°39	4°10	25°15	22°15	11° 3	26°22	3°10	3°16	2°45	10°50	22°25	S 21
M22	4 3 36	29°38'46	9♎51	19°22	26°54	4°56	25°27	22°13	11° 6	26°20	3° 8	3°12	2°42	10°57	22°22	M22
T 23	4 7 33	0♐39'27	24° 6	19°R31	28°10	5°42	25°39	22°11	11° 8	26°18	3° 7	3° 6	2°39	11° 3	22°19	T 23
W24	4 11 30	1°40'10	8♏18	19°31	29°25	6°28	25°50	22° 9	11°11	26°16	3° 6	2°57	2°35	11°10	22°15	W24
T 25	4 15 26	2°40'54	22°21	19°21	0♐40	7°13	26° 2	22° 7	11°14	26°15	3° 5	2°45	2°32	11°17	22°12	T 25
F 26	4 19 23	3°41'40	6♐11	19° 0	1°56	7°59	26°14	22° 4	11°17	26°13	3° 4	2°32	2°29	11°23	22° 8	F 26
S 27	4 23 19	4°42'27	19°43	18°29	3°11	8°45	26°25	22° 2	11°19	26°11	3° 3	2°19	2°26	11°30	22° 5	S 27
S 28	4 27 16	5°43'16	2♑55	17°46	4°27	9°31	26°37	21°59	11°22	26°10	3° 2	2° 7	2°23	11°37	22° 1	S 28
M29	4 31 12	6°44'05	15°46	16°53	5°42	10°18	26°48	21°57	11°24	26° 8	3° 0	1°57	2°20	11°43	21°57	M29
T 30	4 35 9	7♐44'56	28♑16	15♐50	6♐58	11♑ 4	26♎59	21♋54	11♎27	26♉ 6	2♊59	1♍51	2♍16	11♓50	21♊54	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s21	18s57	4n16	21s53	2s11	10s32	1n12	24s 6	1s 6	7s14	1n 6	21n18	0s17	3s21	0n40	17n45	1s46	8n23	12s42	9n42	10n 7	8s45	17n30	5s48
T 2	14 40	18 22	3 34	22 15	2 16	10 59	1 11	24 10	1 6	7 18	1 6	21 18	0 17	3 22	0 40	17 45	1 46	8 23	12 42	9 44	10 8	8 43	17 29	5 48
W 3	14 59	16 56	2 43	22 37	2 20	11 27	1 9	24 13	1 6	7 23	1 6	21 18	0 17	3 23	0 40	17 45	1 46	8 22	12 42	9 45	10 9	8 41	17 29	5 48
T 4	15 18	14 46	1 46	22 57	2 24	11 54	1 8	24 17	1 7	7 28	1 6	21 18	0 17	3 25	0 40	17 44	1 46	8 22	12 42	9 45	10 10	8 40	17 28	5 49
F 5	15 36	12 0	0 44	23 16	2 27	12 20	1 6	24 20	1 7	7 32	1 6	21 18	0 17	3 26	0 40	17 44	1 46	8 22	12 42	9 45	10 12	8 38	17 28	5 49
S 6	15 54	8 45	0s18	23 34	2 31	12 47	1 5	24 23	1 7	7 37	1 7	21 18	0 16	3 27	0 40	17 43	1 46	8 22	12 42	9 45	10 13	8 36	17 27	5 50
S 7	16 12	5 9	1 21	23 51	2 33	13 13	1 3	24 25	1 7	7 42	1 7	21 18	0 16	3 28	0 40	17 43	1 46	8 21	12 43	9 45	10 14	8 34	17 27	5 50
M 8	16 30	1 19	2 20	24 6	2 36	13 38	1 1	24 28	1 8	7 46	1 7	21 18	0 16	3 30	0 40	17 43	1 46	8 21	12 43	9 46	10 15	8 33	17 26	5 50
T 9	16 47	2n38	3 13	24 20	2 38	14 4	0 59	24 30	1 8	7 51	1 7	21 18	0 16	3 31	0 40	17 42	1 46	8 21	12 43	9 48	10 16	8 31	17 26	5 51
W10	17 5	6 32	3 58	24 32	2 39	14 29	0 58	24 31	1 8	7 55	1 7	21 18	0 16	3 32	0 40	17 42	1 46	8 21	12 43	9 52	10 17	8 29	17 25	5 51
T 11	17 21	10 14	4 33	24 44	2 40	14 53	0 56	24 33	1 8	8 0	1 7	21 19	0 16	3 33	0 40	17 41	1 46	8 21	12 43	9 56	10 18	8 28	17 25	5 52
F 12	17 38	13 32	4 54	24 53	2 40	15 17	0 54	24 34	1 9	8 4	1 7	21 19	0 16	3 35	0 40	17 41	1 46	8 20	12 43	10 0	10 20	8 26	17 24	5 52
S 13	17 54	16 14	5 1	25 1	2 40	15 41	0 52	24 35	1 9	8 9	1 7	21 19	0 16	3 36	0 40	17 41	1 46	8 20	12 43	10 5	10 21	8 24	17 24	5 52
S 14	18 10	18 7	4 51	25 8	2 39	16 5	0 50	24 36	1 9	8 13	1 7	21 19	0 16	3 37	0 40	17 40	1 46	8 20	12 43	10 10	10 22	8 23	17 23	5 53
M15	18 26	19 1	4 25	25 13	2 37	16 28	0 48	24 36	1 9	8 18	1 7	21 20	0 16	3 38	0 40	17 40	1 46	8 20	12 43	10 13	10 23	8 21	17 23	5 53
T 16	18 41	18 50	3 44	25 16	2 35	16 50	0 46	24 36	1 9	8 22	1 7	21 20	0 16	3 39	0 40	17 40	1 46	8 19	12 43	10 16	10 24	8 19	17 22	5 53
W17	18 56	17 32	2 49	25 18	2 31	17 13	0 44	24 36	1 10	8 26	1 7	21 20	0 16	3 41	0 40	17 39	1 46	8 19	12 43	10 17	10 25	8 18	17 22	5 54
T 18	19 10	15 10	1 44	25 17	2 26	17 34	0 42	24 36	1 10	8 31	1 7	21 21	0 16	3 42	0 40	17 39	1 46	8 19	12 43	10 18	10 27	8 16	17 21	5 54
F 19	19 25	11 55	0 31	25 15	2 21	17 56	0 40	24 35	1 10	8 35	1 7	21 21	0 16	3 43	0 40	17 38	1 46	8 19	12 43	10 18	10 28	8 14	17 21	5 54
S 20	19 38	7 57	0n43	25 12	2 14	18 16	0 37	24 34	1 10	8 39	1 7	21 21	0 15	3 44	0 40	17 38	1 46	8 19	12 43	10 18	10 29	8 12	17 20	5 55
S 21	19 52	3 30	1 55	25 6	2 6	18 37	0 35	24 33	1 10	8 44	1 7	21 22	0 15	3 45	0 40	17 38	1 46	8 18	12 43	10 19	10 30	8 11	17 20	5 55
M22	20 5	1s 8	3 0	24 58	1 57	18 56	0 33	24 32	1 10	8 48	1 8	21 22	0 15	3 46	0 41	17 37	1 46	8 18	12 43	10 20	10 31	8 9	17 19	5 55
T 23	20 18	5 43	3 54	24 48	1 46	19 16	0 31	24 30	1 10	8 52	1 8	21 22	0 15	3 47	0 41	17 37	1 46	8 18	12 43	10 22	10 32	8 7	17 19	5 56
W24	20 30	9 58	4 33	24 36	1 34	19 34	0 29	24 28	1 10	8 56	1 8	21 23	0 15	3 48	0 41	17 36	1 46	8 18	12 43	10 26	10 33	8 6	17 18	5 56
T 25	20 42	13 36	4 55	24 21	1 20	19 52	0 26	24 26	1 11	9 0	1 8	21 23	0 15	3 49	0 41	17 36	1 46	8 18	12 43	10 30	10 35	8 4	17 18	5 56
F 26	20 54	16 26	5 0	24 5	1 5	20 10	0 24	24 23	1 11	9 4	1 8	21 24	0 15	3 50	0 41	17 36	1 46	8 18	12 43	10 35	10 36	8 2	17 17	5 57
S 27	21 5	18 17	4 47	23 45	0 48	20 27	0 22	24 20	1 11	9 9	1 8	21 24	0 15	3 51	0 41	17 35	1 46	8 17	12 43	10 39	10 37	8 0	17 17	5 57
S 28	21 16	19 7	4 19	23 24	0 30	20 43	0 19	24 17	1 11	9 13	1 8	21 25	0 15	3 52	0 41	17 35	1 46	8 17	12 43	10 44	10 38	7 59	17 16	5 57
M29	21 27	18 55	3 38	23 0	0 11	20 59	0 17	24 14	1 11	9 17	1 8	21 25	0 15	3 53	0 41	17 35	1 46	8 17	12 43	10 47	10 39	7 57	17 16	5 57
T 30	21s37	17s47	2n47	22s33	0n 8	21s15	0n15	24s10	1s11	9s21	1n 8	21n26	0s15	3s54	0n41	17n34	1s46	8n17	12s43	10n49	10n40	7s55	17n15	5s58

Julian Day Number = 2410211.5, Delta T = -4.20 sec
Ecliptic obliquity = 23°27'06, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°09'36, Lahiri = 22°16'36

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ASTRODIENST EPHEMERIS for the year 1886
geocentric

DECEMBER 1886 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 39 6	8♐45'47	10♒29	14°R39	8♐13	11♑50	27♎11	21°R51	11♎29	26°R 5	2°R58	1°R47	2♍13	11♓57	21°R50	W 1
T 2	4 43 2	9°46'39	22°28	13♐21	9°29	12°36	27°22	21♋48	11°32	26♉ 3	2♊57	1♍45	2°10	12° 3	21♊47	T 2
F 3	4 46 59	10°47'32	4♓19	11°59	10°44	13°22	27°33	21°45	11°34	26° 2	2°56	1°45	2° 7	12°10	21°43	F 3
S 4	4 50 55	11°48'26	16° 7	10°37	12° 0	14° 9	27°44	21°42	11°36	26° 0	2°55	1°45	2° 4	12°17	21°39	S 4
S 5	4 54 52	12°49'20	27°57	9°15	13°15	14°55	27°55	21°39	11°39	25°58	2°54	1°44	2° 1	12°23	21°35	S 5
M 6	4 58 48	13°50'16	9♈55	7°58	14°31	15°41	28° 6	21°36	11°41	25°57	2°53	1°41	1°57	12°30	21°32	M 6
T 7	5 2 45	14°51'12	22° 5	6°47	15°46	16°28	28°17	21°32	11°43	25°55	2°51	1°36	1°54	12°37	21°28	T 7
W 8	5 6 41	15°52'08	4♉33	5°46	17° 2	17°14	28°28	21°29	11°45	25°54	2°50	1°28	1°51	12°43	21°24	W 8
T 9	5 10 38	16°53'06	17°20	4°54	18°17	18° 1	28°38	21°25	11°48	25°52	2°49	1°17	1°48	12°50	21°20	T 9
F 10	5 14 34	17°54'04	0♊27	4°13	19°33	18°47	28°49	21°22	11°50	25°50	2°48	1° 5	1°45	12°56	21°17	F 10
S 11	5 18 31	18°55'03	13°55	3°43	20°48	19°34	28°59	21°18	11°52	25°49	2°47	0°53	1°41	13° 3	21°13	S 11
S 12	5 22 28	19°56'03	27°39	3°24	22° 4	20°21	29°10	21°14	11°54	25°47	2°46	0°41	1°38	13°10	21° 9	S 12
M13	5 26 24	20°57'04	11♋37	3°D17	23°19	21° 7	29°20	21°10	11°56	25°46	2°45	0°31	1°35	13°16	21° 5	M13
T 14	5 30 21	21°58'05	25°44	3°19	24°35	21°54	29°30	21° 6	11°57	25°44	2°44	0°24	1°32	13°23	21° 2	T 14
W15	5 34 17	22°59'08	9♌55	3°31	25°50	22°41	29°40	21° 2	11°59	25°43	2°43	0°20	1°29	13°30	20°58	W15
T 16	5 38 14	24° 0'11	24° 7	3°52	27° 6	23°28	29°50	20°58	12° 1	25°41	2°42	0°D18	1°26	13°36	20°54	T 16
F 17	5 42 10	25° 1'15	8♍18	4°21	28°21	24°14	0♏ 0	20°54	12° 3	25°40	2°41	0°18	1°22	13°43	20°50	F 17
S 18	5 46 7	26° 2'20	22°25	4°56	29°36	25° 1	0°10	20°50	12° 4	25°39	2°40	0°R19	1°19	13°50	20°46	S 18
S 19	5 50 4	27° 3'26	6♎28	5°38	0♑52	25°48	0°20	20°46	12° 6	25°37	2°39	0°18	1°16	13°56	20°43	S 19
M20	5 54 0	28° 4'32	20°26	6°26	2° 7	26°35	0°29	20°41	12° 8	25°36	2°38	0°16	1°13	14° 3	20°39	M20
T 21	5 57 57	29° 5'40	4♏18	7°18	3°23	27°22	0°39	20°37	12° 9	25°34	2°37	0°12	1°10	14°10	20°35	T 21
W22	6 1 53	0♑ 6'48	18° 3	8°15	4°38	28° 9	0°48	20°32	12°11	25°33	2°36	0° 4	1° 7	14°16	20°31	W22
T 23	6 5 50	1° 7'57	1♐39	9°16	5°54	28°56	0°57	20°28	12°12	25°32	2°35	29♌55	1° 3	14°23	20°28	T 23
F 24	6 9 46	2° 9'06	15° 3	10°20	7° 9	29°43	1° 7	20°23	12°13	25°30	2°34	29°44	1° 0	14°30	20°24	F 24
S 25	6 13 43	3°10'16	28°13	11°27	8°25	0♒30	1°16	20°19	12°15	25°29	2°33	29°34	0°57	14°36	20°20	S 25
S 26	6 17 39	4°11'26	11♑ 8	12°37	9°40	1°17	1°25	20°14	12°16	25°28	2°32	29°24	0°54	14°43	20°16	S 26
M27	6 21 36	5°12'36	23°47	13°49	10°56	2° 4	1°33	20° 9	12°17	25°27	2°31	29°16	0°51	14°49	20°13	M27
T 28	6 25 33	6°13'47	6♒10	15° 3	12°11	2°51	1°42	20° 5	12°18	25°25	2°30	29°11	0°47	14°56	20° 9	T 28
W29	6 29 29	7°14'57	18°19	16°19	13°27	3°38	1°51	20° 0	12°19	25°24	2°29	29° 8	0°44	15° 3	20° 6	W29
T 30	6 33 26	8°16'07	0♓17	17°37	14°42	4°26	1°59	19°55	12°20	25°23	2°28	29°D 7	0°41	15° 9	20° 2	T 30
F 31	6 37 22	9♑17'17	12♓ 7	18♐56	15♑58	5♒13	2♏ 8	19♋50	12♎21	25♉22	2♊27	29♌ 8	0♍38	15♓16	19♊59	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	21s46	15s51	1n50	22s 5	0n29	21s29	0n12	24s 6	1s11	9s25	1n 8	21n26	0s15	3s55	0n41	17n34	1s46	8n17	12s42	10n51	10n41	7s53	17n15	5s58	
T 2	21 56	13 15	0 49	21 36	0 49	21 43	0 10	24 2	1 11	9 28	1 9	21 27	0 14	3 56	0 41	17 33	1 46	8 17	12 42	10 51	10 42	7 52	17 14	5 58	
F 3	22 4	10 9	0s14	21 6	1 9	21 57	0 8	23 58	1 11	9 32	1 9	21 27	0 14	3 57	0 41	17 33	1 46	8 17	12 42	10 51	10 44	7 50	17 14	5 58	
S 4	22 13	6 38	1 15	20 36	1 28	22 9	0 5	23 53	1 11	9 36	1 9	21 28	0 14	3 58	0 41	17 33	1 46	8 16	12 42	10 51	10 45	7 48	17 14	5 58	
S 5	22 21	2 52	2 14	20 7	1 46	22 21	0 3	23 48	1 11	9 40	1 9	21 29	0 14	3 59	0 41	17 32	1 46	8 16	12 42	10 52	10 46	7 47	17 13	5 59	
M 6	22 28	1n 3	3 8	19 39	2 1	22 33	0 0	23 43	1 11	9 44	1 9	21 29	0 14	4 0	0 41	17 32	1 46	8 16	12 42	10 53	10 47	7 45	17 13	5 59	
T 7	22 35	4 59	3 54	19 14	2 15	22 44	0s 2	23 37	1 11	9 48	1 9	21 30	0 14	4 1	0 41	17 32	1 46	8 16	12 42	10 55	10 48	7 43	17 12	5 59	
W 8	22 42	8 49	4 30	18 52	2 26	22 54	0 4	23 31	1 11	9 51	1 9	21 30	0 14	4 1	0 41	17 31	1 46	8 16	12 42	10 58	10 49	7 41	17 12	5 59	
T 9	22 48	12 20	4 53	18 34	2 35	23 3	0 7	23 25	1 11	9 55	1 9	21 31	0 14	4 2	0 41	17 31	1 46	8 16	12 42	11 1	10 50	7 40	17 12	5 59	
F 10	22 54	15 20	5 2	18 20	2 42	23 12	0 9	23 19	1 11	9 59	1 9	21 32	0 14	4 3	0 41	17 31	1 46	8 16	12 42	11 6	10 52	7 38	17 11	5 59	
S 11	22 59	17 37	4 54	18 10	2 47	23 20	0 12	23 12	1 11	10 2	1 10	21 32	0 14	4 4	0 41	17 30	1 46	8 16	12 42	11 10	10 53	7 36	17 11	5 59	
S 12	23 4	18 56	4 29	18 4	2 50	23 27	0 14	23 5	1 11	10 6	1 10	21 33	0 14	4 4	0 41	17 30	1 46	8 16	12 41	11 14	10 54	7 34	17 11	6 0	
M13	23 9	19 9	3 48	18 2	2 51	23 33	0 16	22 58	1 11	10 9	1 10	21 34	0 13	4 5	0 41	17 30	1 46	8 15	12 41	11 18	10 55	7 33	17 10	6 0	
T 14	23 12	18 11	2 53	18 3	2 50	23 39	0 19	22 51	1 11	10 13	1 10	21 34	0 13	4 6	0 41	17 29	1 46	8 15	12 41	11 20	10 56	7 31	17 10	6 0	
W15	23 16	16 4	1 46	18 7	2 48	23 44	0 21	22 43	1 11	10 16	1 10	21 35	0 13	4 7	0 41	17 29	1 46	8 15	12 41	11 22	10 57	7 29	17 10	6 0	
T 16	23 19	12 58	0 33	18 14	2 45	23 49	0 23	22 35	1 11	10 19	1 10	21 36	0 13	4 7	0 41	17 29	1 46	8 15	12 41	11 22	10 58	7 27	17 9	6 0	
F 17	23 21	9 7	0n43	18 24	2 40	23 52	0 26	22 27	1 11	10 23	1 10	21 37	0 13	4 8	0 41	17 28	1 46	8 15	12 41	11 22	11 0	7 25	17 9	6 0	
S 18	23 24	4 46	1 55	18 35	2 35	23 55	0 28	22 18	1 11	10 26	1 10	21 37	0 13	4 9	0 41	17 28	1 46	8 15	12 41	11 22	11 1	7 24	17 9	6 0	
S 19	23 25	0 12	3 0	18 48	2 30	23 57	0 30	22 10	1 11	10 29	1 11	21 38	0 13	4 9	0 41	17 28	1 46	8 15	12 41	11 22	11 2	7 22	17 8	6 0	
M20	23 26	4s22	3 55	19 3	2 23	23 59	0 32	22 1	1 11	10 33	1 11	21 39	0 13	4 10	0 41	17 28	1 46	8 15	12 40	11 23	11 3	7 20	17 8	6 0	
T 21	23 27	8 39	4 34	19 18	2 16	23 59	0 35	21 51	1 11	10 36	1 11	21 40	0 13	4 10	0 41	17 27	1 46	8 15	12 40	11 25	11 4	7 18	17 8	6 0	
W22	23 27	12 27	4 58	19 34	2 9	23 59	0 37	21 42	1 11	10 39	1 11	21 40	0 13	4 11	0 41	17 27	1 46	8 15	12 40	11 27	11 5	7 17	17 7	6 0	
T 23	23 27	15 32	5 4	19 51	2 1	23 58	0 39	21 32	1 11	10 42	1 11	21 41	0 12	4 11	0 41	17 27	1 46	8 15	12 40	11 30	11 6	7 15	17 7	6 0	
F 24	23 26	17 45	4 54	20 8	1 54	23 57	0 41	21 22	1 11	10 45	1 11	21 42	0 12	4 12	0 41	17 26	1 45	8 15	12 40	11 34	11 7	7 13	17 7	6 0	
S 25	23 25	18 59	4 28	20 25	1 46	23 54	0 43	21 12	1 10	10 48	1 11	21 43	0 12	4 12	0 41	17 26	1 45	8 15	12 40	11 38	11 9	7 11	17 7	6 0	
S 26	23 23	19 11	3 48	20 43	1 37	23 51	0 45	21 2	1 10	10 51	1 12	21 43	0 12	4 13	0 42	17 26	1 45	8 15	12 39	11 41	11 10	7 10	17 6	6 0	
M27	23 21	18 26	2 58	21 0	1 29	23 47	0 48	20 51	1 10	10 54	1 12	21 44	0 12	4 13	0 42	17 26	1 45	8 15	12 39	11 44	11 11	7 8	17 6	6 0	
T 28	23 18	16 48	2 0	21 17	1 21	23 43	0 50	20 40	1 10	10 57	1 12	21 45	0 12	4 14	0 42	17 25	1 45	8 15	12 39	11 46	11 12	7 6	17 6	6 0	
W29	23 15	14 26	0 58	21 33	1 12	23 38	0 52	20 29	1 10	11 0	1 12	21 46	0 12	4 14	0 42	17 25	1 45	8 15	12 39	11 47	11 13	7 4	17 6	6 0	
T 30	23 12	11 29	0s 6	21 49	1 4	23 32	0 54	20 18	1 10	11 2	1 12	21 47	0 12	4 14	0 42	17 25	1 45	8 15	12 39	11 47	11 14	7 2	17 6	6 0	
F 31	23s 8	8s 6	1s10	22s 4	0n56	23s25	0s55	20s 6	1s10	11s 5	1n12	21n47	0s12	4s15	0n42	17n25	1s45	8n15	12s39	11n47	11n15	7s 1	17n 5	6s 0	

Julian Day Number = 2410241.5, Delta T = -4.18 sec
Ecliptic obliquity = 23°27'06, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°09'40, Lahiri = 22°16'40

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ASTRODIENST EPHEMERIS for the year 1887
geocentric

JANUARY 1887 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 41 19	10♑18'27	23♓54	20♐16	17♑13	6♒ 0	2♏16	19°R46	12♎22	25°R21	2°R26	29♌ 9	0♍35	15♓23	19°R55	S 1
S 2	6 45 15	11°19'37	5♈44	21°38	18°28	6°47	2°24	19♋41	12°23	25♉20	2♊25	29°R11	0°32	15°29	19♊52	S 2
M 3	6 49 12	12°20'47	17°41	23° 0	19°44	7°35	2°32	19°36	12°24	25°19	2°25	29°11	0°28	15°36	19°48	M 3
T 4	6 53 8	13°21'56	29°50	24°24	20°59	8°22	2°40	19°31	12°25	25°18	2°24	29° 9	0°25	15°43	19°45	T 4
W 5	6 57 5	14°23'05	12♉18	25°48	22°15	9° 9	2°47	19°26	12°25	25°17	2°23	29° 5	0°22	15°49	19°41	W 5
T 6	7 1 2	15°24'13	25° 7	27°14	23°30	9°56	2°55	19°21	12°26	25°16	2°22	29° 0	0°19	15°56	19°38	T 6
F 7	7 4 58	16°25'21	8♊20	28°40	24°46	10°44	3° 3	19°16	12°27	25°15	2°21	28°53	0°16	16° 3	19°35	F 7
S 8	7 8 55	17°26'29	21°58	0♑ 6	26° 1	11°31	3°10	19°11	12°27	25°14	2°21	28°46	0°13	16° 9	19°32	S 8
S 9	7 12 51	18°27'36	5♋58	1°34	27°16	12°18	3°17	19° 6	12°28	25°13	2°20	28°39	0° 9	16°16	19°28	S 9
M10	7 16 48	19°28'43	20°18	3° 1	28°32	13° 6	3°24	19° 1	12°28	25°12	2°19	28°33	0° 6	16°23	19°25	M10
T 11	7 20 44	20°29'50	4♌51	4°30	29°47	13°53	3°31	18°56	12°28	25°11	2°18	28°29	0° 3	16°29	19°22	T 11
W12	7 24 41	21°30'56	19°30	5°59	1♒ 2	14°40	3°38	18°51	12°29	25°11	2°18	28°27	29♌59	16°36	19°19	W12
T 13	7 28 37	22°32'03	4♍10	7°29	2°18	15°28	3°44	18°46	12°29	25°10	2°17	28°D27	29°57	16°43	19°16	T 13
F 14	7 32 34	23°33'08	18°43	8°59	3°33	16°15	3°51	18°42	12°29	25° 9	2°16	28°28	29°53	16°49	19°13	F 14
S 15	7 36 31	24°34'14	3♎ 7	10°30	4°48	17° 2	3°57	18°37	12°29	25° 8	2°16	28°30	29°50	16°56	19°10	S 15
S 16	7 40 27	25°35'19	17°17	12° 2	6° 4	17°50	4° 3	18°32	12°29	25° 8	2°15	28°31	29°47	17° 2	19° 7	S 16
M17	7 44 24	26°36'25	1♏14	13°34	7°19	18°37	4° 9	18°27	12°R29	25° 7	2°14	28°R31	29°44	17° 9	19° 5	M17
T 18	7 48 20	27°37'30	14°55	15° 6	8°34	19°25	4°15	18°22	12°29	25° 7	2°14	28°30	29°41	17°16	19° 2	T 18
W19	7 52 17	28°38'34	28°23	16°39	9°49	20°12	4°21	18°17	12°29	25° 6	2°13	28°27	29°38	17°22	18°59	W19
T 20	7 56 13	29°39'39	11♐36	18°13	11° 5	20°59	4°26	18°12	12°29	25° 5	2°13	28°23	29°34	17°29	18°57	T 20
F 21	8 0 10	0♒40'43	24°36	19°47	12°20	21°47	4°32	18° 8	12°29	25° 5	2°12	28°18	29°31	17°36	18°54	F 21
S 22	8 4 6	1°41'46	7♑23	21°22	13°35	22°34	4°37	18° 3	12°29	25° 4	2°12	28°14	29°28	17°42	18°52	S 22
S 23	8 8 3	2°42'49	19°57	22°57	14°51	23°22	4°42	17°58	12°28	25° 4	2°11	28° 9	29°25	17°49	18°49	S 23
M24	8 12 0	3°43'51	2♒19	24°33	16° 6	24° 9	4°47	17°53	12°28	25° 4	2°11	28° 6	29°22	17°56	18°47	M24
T 25	8 15 56	4°44'52	14°30	26°10	17°21	24°57	4°52	17°49	12°28	25° 3	2°10	28° 4	29°19	18° 2	18°45	T 25
W26	8 19 53	5°45'52	26°31	27°47	18°36	25°44	4°56	17°44	12°27	25° 3	2°10	28°D 3	29°15	18° 9	18°42	W26
T 27	8 23 49	6°46'51	8♓25	29°25	19°51	26°31	5° 1	17°40	12°27	25° 3	2° 9	28° 4	29°12	18°16	18°40	T 27
F 28	8 27 46	7°47'49	20°14	1♒ 3	21° 7	27°19	5° 5	17°35	12°26	25° 2	2° 9	28° 5	29° 9	18°22	18°38	F 28
S 29	8 31 42	8°48'46	2♈ 1	2°43	22°22	28° 6	5° 9	17°31	12°25	25° 2	2° 9	28° 7	29° 6	18°29	18°36	S 29
S 30	8 35 39	9°49'41	13°50	4°23	23°37	28°54	5°13	17°26	12°25	25° 2	2° 8	28° 8	29° 3	18°36	18°34	S 30
M31	8 39 35	10♒50'36	25♈46	6♒ 3	24♒52	29♒41	5♏16	17♋22	12♎24	25♉ 2	2♊ 8	28♌10	28♌59	18♓42	18♊32	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 3	4s25	2s10	22s18	0n47	23s17	0s57	19s54	1s 9	11s 8	1n13	21n48	0s12	4s15	0n42	17n25	1s45	8n15	12s38	11n46	11n16	6s59	17n 5	6s 0
S 2	22 58	0 33	3 5	22 32	0 39	23 9	0 59	19 42	1 9	11 10	1 13	21 49	0 11	4 15	0 42	17 24	1 45	8 15	12 38	11 46	11 18	6 57	17 5	6 0
M 3	22 53	3n22	3 52	22 45	0 31	23 0	1 1	19 30	1 9	11 13	1 13	21 50	0 11	4 16	0 42	17 24	1 45	8 15	12 38	11 46	11 19	6 55	17 5	6 0
T 4	22 47	7 12	4 30	22 57	0 23	22 51	1 3	19 18	1 9	11 15	1 13	21 51	0 11	4 16	0 42	17 24	1 45	8 15	12 38	11 47	11 20	6 53	17 5	6 0
W 5	22 40	10 49	4 57	23 8	0 15	22 40	1 4	19 5	1 9	11 18	1 13	21 52	0 11	4 16	0 42	17 24	1 45	8 15	12 37	11 48	11 21	6 52	17 5	6 0
T 6	22 34	14 3	5 9	23 18	0 7	22 29	1 6	18 52	1 9	11 20	1 13	21 52	0 11	4 16	0 42	17 24	1 45	8 15	12 37	11 50	11 22	6 50	17 4	5 59
F 7	22 26	16 41	5 5	23 27	0s 0	22 18	1 8	18 39	1 8	11 23	1 14	21 53	0 11	4 17	0 42	17 23	1 45	8 15	12 37	11 52	11 23	6 48	17 4	5 59
S 8	22 19	18 28	4 45	23 35	0 8	22 5	1 9	18 26	1 8	11 25	1 14	21 54	0 11	4 17	0 42	17 23	1 45	8 16	12 37	11 55	11 24	6 46	17 4	5 59
S 9	22 11	19 12	4 7	23 42	0 15	21 52	1 11	18 12	1 8	11 27	1 14	21 55	0 11	4 17	0 42	17 23	1 45	8 16	12 37	11 57	11 25	6 44	17 4	5 59
M10	22 2	18 44	3 13	23 48	0 22	21 39	1 12	17 59	1 8	11 30	1 14	21 56	0 11	4 17	0 42	17 23	1 45	8 16	12 36	11 59	11 26	6 43	17 4	5 59
T 11	21 53	17 2	2 5	23 52	0 30	21 24	1 14	17 45	1 7	11 32	1 14	21 56	0 11	4 17	0 42	17 23	1 45	8 16	12 36	12 0	11 28	6 41	17 4	5 59
W12	21 44	14 12	0 49	23 55	0 36	21 10	1 15	17 31	1 7	11 34	1 15	21 57	0 10	4 17	0 42	17 23	1 45	8 16	12 36	12 1	11 29	6 39	17 4	5 59
T 13	21 34	10 28	0n31	23 57	0 43	20 54	1 16	17 16	1 7	11 36	1 15	21 58	0 10	4 17	0 42	17 23	1 44	8 16	12 36	12 1	11 30	6 37	17 4	5 58
F 14	21 24	6 8	1 49	23 58	0 50	20 38	1 18	17 2	1 7	11 38	1 15	21 59	0 10	4 17	0 42	17 22	1 44	8 16	12 35	12 1	11 31	6 35	17 4	5 58
S 15	21 13	1 29	2 58	23 58	0 56	20 21	1 19	16 48	1 6	11 40	1 15	22 0	0 10	4 17	0 42	17 22	1 44	8 16	12 35	12 0	11 32	6 34	17 4	5 58
S 16	21 2	3s 9	3 56	23 56	1 2	20 4	1 20	16 33	1 6	11 42	1 15	22 0	0 10	4 17	0 42	17 22	1 44	8 16	12 35	12 0	11 33	6 32	17 4	5 58
M17	20 51	7 33	4 39	23 53	1 8	19 46	1 21	16 18	1 6	11 44	1 16	22 1	0 10	4 17	0 42	17 22	1 44	8 17	12 35	12 0	11 34	6 30	17 4	5 58
T 18	20 39	11 28	5 5	23 49	1 13	19 27	1 22	16 3	1 6	11 45	1 16	22 2	0 10	4 17	0 42	17 22	1 44	8 17	12 34	12 0	11 35	6 28	17 4	5 57
W19	20 27	14 43	5 13	23 43	1 19	19 8	1 23	15 47	1 5	11 47	1 16	22 3	0 10	4 17	0 42	17 22	1 44	8 17	12 34	12 1	11 37	6 26	17 4	5 57
T 20	20 14	17 9	5 5	23 36	1 24	18 48	1 24	15 32	1 5	11 49	1 16	22 3	0 10	4 17	0 42	17 22	1 44	8 17	12 34	12 3	11 38	6 24	17 4	5 57
F 21	20 1	18 40	4 41	23 27	1 29	18 28	1 25	15 16	1 5	11 50	1 16	22 4	0 9	4 17	0 42	17 22	1 44	8 17	12 34	12 4	11 39	6 23	17 4	5 57
S 22	19 48	19 12	4 4	23 17	1 33	18 7	1 26	15 1	1 4	11 52	1 17	22 5	0 9	4 17	0 42	17 22	1 44	8 17	12 33	12 6	11 40	6 21	17 4	5 56
S 23	19 34	18 46	3 15	23 6	1 38	17 46	1 27	14 45	1 4	11 53	1 17	22 6	0 9	4 17	0 42	17 22	1 44	8 17	12 33	12 7	11 41	6 19	17 4	5 56
M24	19 20	17 26	2 17	22 53	1 42	17 24	1 27	14 29	1 4	11 55	1 17	22 6	0 9	4 17	0 43	17 22	1 44	8 18	12 33	12 8	11 42	6 17	17 4	5 56
T 25	19 5	15 19	1 14	22 39	1 46	17 2	1 28	14 13	1 3	11 56	1 17	22 7	0 9	4 16	0 43	17 22	1 44	8 18	12 33	12 9	11 43	6 15	17 4	5 56
W26	18 50	12 33	0 8	22 24	1 49	16 39	1 28	13 56	1 3	11 58	1 17	22 8	0 9	4 16	0 43	17 22	1 44	8 18	12 32	12 9	11 44	6 13	17 4	5 55
T 27	18 35	9 18	0s57	22 7	1 52	16 16	1 29	13 40	1 3	11 59	1 18	22 8	0 9	4 16	0 43	17 22	1 44	8 18	12 32	12 9	11 45	6 12	17 4	5 55
F 28	18 20	5 42	2 0	21 48	1 55	15 53	1 29	13 23	1 2	12 0	1 18	22 9	0 9	4 16	0 43	17 22	1 44	8 18	12 32	12 9	11 47	6 10	17 4	5 55
S 29	18 4	1 54	2 57	21 28	1 58	15 29	1 30	13 7	1 2	12 1	1 18	22 10	0 8	4 15	0 43	17 22	1 44	8 19	12 31	12 8	11 48	6 8	17 4	5 55
S 30	17 48	1n58	3 47	21 7	2 0	15 4	1 30	12 50	1 2	12 2	1 18	22 11	0 8	4 15	0 43	17 22	1 43	8 19	12 31	12 8	11 49	6 6	17 5	5 54
M31	17s31	5n48	4s28	20s44	2s 2	14s39	1s30	12s33	1s 1	12s 3	1n18	22n11	0s 8	4s15	0n43	17n22	1s43	8n19	12s31	12n 7	11n50	6s 4	17n 5	5s54

Julian Day Number = 2410272.5, Delta T = -4.17 sec
Ecliptic obliquity = 23°27'06, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°09'44, Lahiri = 22°16'45

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ASTRODIENST EPHEMERIS for the year 1887
geocentric

FEBRUARY 1887 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 43 32	11♒51'29	7♉53	7♒44	26♒ 7	0♓28	5♏20	17°R18	12°R23	25°R 2	2°R 8	28°R10	28♌56	18♓49	18°R31	T 1
W 2	8 47 29	12°52'21	20°17	9°26	27°22	1°16	5°23	17♋13	12♎22	25♉ 1	2♊ 7	28♌10	28°53	18°56	18♊29	W 2
T 3	8 51 25	13°53'11	3♊ 1	11° 9	28°37	2° 3	5°27	17° 9	12°21	25° 1	2° 7	28° 9	28°50	19° 2	18°27	T 3
F 4	8 55 22	14°54'00	16°10	12°53	29°52	2°50	5°30	17° 5	12°20	25°D 1	2° 7	28° 8	28°47	19° 9	18°26	F 4
S 5	8 59 18	15°54'48	29°45	14°37	1♓ 7	3°38	5°32	17° 1	12°19	25° 1	2° 7	28° 6	28°44	19°16	18°24	S 5
S 6	9 3 15	16°55'34	13♋47	16°22	2°22	4°25	5°35	16°57	12°18	25° 1	2° 6	28° 5	28°40	19°22	18°23	S 6
M 7	9 7 11	17°56'18	28°14	18° 8	3°37	5°12	5°37	16°53	12°17	25° 2	2° 6	28° 3	28°37	19°29	18°22	M 7
T 8	9 11 8	18°57'02	13♌ 0	19°54	4°52	6° 0	5°40	16°49	12°16	25° 2	2° 6	28° 3	28°34	19°36	18°20	T 8
W 9	9 15 4	19°57'44	28° 0	21°42	6° 7	6°47	5°42	16°46	12°15	25° 2	2° 6	28°D 2	28°31	19°42	18°19	W 9
T 10	9 19 1	20°58'24	13♍ 4	23°29	7°22	7°34	5°44	16°42	12°13	25° 2	2° 6	28° 3	28°28	19°49	18°18	T 10
F 11	9 22 58	21°59'03	28° 3	25°18	8°37	8°22	5°46	16°39	12°12	25° 2	2° 6	28° 3	28°24	19°55	18°17	F 11
S 12	9 26 54	22°59'41	12♎51	27° 7	9°52	9° 9	5°47	16°35	12°11	25° 2	2° 6	28° 4	28°21	20° 2	18°16	S 12
S 13	9 30 51	24° 0'18	27°20	28°57	11° 7	9°56	5°48	16°32	12° 9	25° 3	2° 6	28° 4	28°18	20° 9	18°15	S 13
M14	9 34 47	25° 0'54	11♏28	0♓47	12°21	10°43	5°50	16°28	12° 8	25° 3	2° 6	28° 4	28°15	20°15	18°15	M14
T 15	9 38 44	26° 1'29	25°13	2°38	13°36	11°30	5°51	16°25	12° 6	25° 3	2°D 6	28°R 4	28°12	20°22	18°14	T 15
W16	9 42 40	27° 2'02	8♐36	4°29	14°51	12°18	5°51	16°22	12° 5	25° 4	2° 6	28° 4	28° 9	20°29	18°13	W16
T 17	9 46 37	28° 2'35	21°39	6°21	16° 6	13° 5	5°52	16°19	12° 3	25° 4	2° 6	28°D 4	28° 5	20°35	18°13	T 17
F 18	9 50 33	29° 3'06	4♑24	8°12	17°20	13°52	5°52	16°16	12° 2	25° 5	2° 6	28° 4	28° 2	20°42	18°12	F 18
S 19	9 54 30	0♓ 3'35	16°53	10° 3	18°35	14°39	5°53	16°13	12° 0	25° 5	2° 6	28° 5	27°59	20°49	18°12	S 19
S 20	9 58 27	1° 4'03	29°10	11°53	19°50	15°26	5°R53	16°10	11°58	25° 6	2° 6	28° 5	27°56	20°55	18°12	S 20
M21	10 2 23	2° 4'30	11♒16	13°43	21° 4	16°13	5°53	16° 7	11°57	25° 6	2° 6	28° 5	27°53	21° 2	18°11	M21
T 22	10 6 20	3° 4'55	23°15	15°32	22°19	17° 0	5°52	16° 5	11°55	25° 7	2° 6	28°R 5	27°50	21° 9	18°11	T 22
W23	10 10 16	4° 5'19	5♓ 8	17°20	23°34	17°47	5°52	16° 2	11°53	25° 7	2° 6	28° 5	27°46	21°15	18°D11	W23
T 24	10 14 13	5° 5'41	16°58	19° 6	24°48	18°34	5°51	16° 0	11°51	25° 8	2° 6	28° 5	27°43	21°22	18°11	T 24
F 25	10 18 9	6° 6'01	28°46	20°49	26° 3	19°21	5°50	15°58	11°49	25° 9	2° 7	28° 4	27°40	21°29	18°11	F 25
S 26	10 22 6	7° 6'19	10♈34	22°30	27°17	20° 8	5°49	15°56	11°47	25°10	2° 7	28° 3	27°37	21°35	18°12	S 26
S 27	10 26 2	8° 6'35	22°26	24° 8	28°32	20°55	5°48	15°53	11°45	25°10	2° 7	28° 2	27°34	21°42	18°12	S 27
M28	10 29 59	9♓ 6'50	4♉25	25♓42	29♓46	21♓42	5♏46	15♋51	11♎43	25♉11	2♊ 7	28♌ 0	27♌30	21♓49	18♊12	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s15	9n27	4s57	20s19	2s 3	14s14	1s30	12s16	1s 1	12s 4	1n19	22n12	0s 8	4s14	0n43	17n22	1s43	8n19	12s31	12n 7	11n51	6s 2	17n 5	5s54
W 2	16 57	12 47	5 14	19 53	2 4	13 48	1 30	11 59	1 1	12 5	1 19	22 13	0 8	4 14	0 43	17 22	1 43	8 20	12 30	12 7	11 52	6 1	17 5	5 53
T 3	16 40	15 36	5 16	19 26	2 5	13 22	1 30	11 41	1 0	12 6	1 19	22 13	0 8	4 14	0 43	17 22	1 43	8 20	12 30	12 7	11 53	5 59	17 5	5 53
F 4	16 22	17 44	5 2	18 57	2 5	12 56	1 30	11 24	1 0	12 7	1 19	22 14	0 8	4 13	0 43	17 22	1 43	8 20	12 30	12 8	11 54	5 57	17 5	5 53
S 5	16 4	18 57	4 30	18 27	2 5	12 29	1 30	11 6	1 0	12 8	1 19	22 14	0 8	4 13	0 43	17 22	1 43	8 20	12 29	12 8	11 55	5 55	17 6	5 52
S 6	15 46	19 4	3 42	17 55	2 4	12 2	1 30	10 49	0 59	12 8	1 20	22 15	0 8	4 12	0 43	17 22	1 43	8 20	12 29	12 9	11 57	5 53	17 6	5 52
M 7	15 28	17 57	2 38	17 21	2 3	11 35	1 30	10 31	0 59	12 9	1 20	22 16	0 7	4 12	0 43	17 22	1 43	8 21	12 29	12 9	11 58	5 51	17 6	5 52
T 8	15 9	15 36	1 23	16 46	2 1	11 7	1 29	10 13	0 58	12 9	1 20	22 16	0 7	4 11	0 43	17 22	1 43	8 21	12 29	12 10	11 59	5 49	17 6	5 51
W 9	14 50	12 10	0 0	16 10	1 59	10 39	1 29	9 55	0 58	12 10	1 20	22 17	0 7	4 11	0 43	17 22	1 43	8 21	12 28	12 10	12 0	5 48	17 6	5 51
T 10	14 31	7 56	1n23	15 32	1 57	10 11	1 29	9 37	0 57	12 10	1 20	22 17	0 7	4 10	0 43	17 22	1 43	8 22	12 28	12 10	12 1	5 46	17 7	5 51
F 11	14 11	3 13	2 39	14 53	1 54	9 42	1 28	9 19	0 57	12 11	1 21	22 18	0 7	4 10	0 43	17 22	1 43	8 22	12 28	12 9	12 2	5 44	17 7	5 50
S 12	13 52	1s38	3 44	14 12	1 50	9 14	1 27	9 1	0 57	12 11	1 21	22 18	0 7	4 9	0 43	17 23	1 43	8 22	12 27	12 9	12 3	5 42	17 7	5 50
S 13	13 32	6 16	4 34	13 30	1 46	8 45	1 27	8 43	0 56	12 11	1 21	22 19	0 7	4 9	0 43	17 23	1 43	8 22	12 27	12 9	12 4	5 40	17 7	5 50
M14	13 11	10 27	5 5	12 46	1 41	8 15	1 26	8 25	0 56	12 11	1 21	22 20	0 7	4 8	0 43	17 23	1 43	8 23	12 27	12 9	12 5	5 38	17 8	5 49
T 15	12 51	13 56	5 18	12 2	1 36	7 46	1 25	8 6	0 55	12 12	1 22	22 20	0 7	4 8	0 43	17 23	1 42	8 23	12 27	12 9	12 6	5 36	17 8	5 49
W16	12 30	16 36	5 13	11 16	1 30	7 16	1 24	7 48	0 55	12 12	1 22	22 21	0 6	4 7	0 43	17 23	1 42	8 23	12 26	12 9	12 8	5 35	17 8	5 49
T 17	12 10	18 20	4 52	10 29	1 23	6 46	1 24	7 29	0 54	12 12	1 22	22 21	0 6	4 6	0 43	17 23	1 42	8 23	12 26	12 9	12 9	5 33	17 9	5 48
F 18	11 49	19 6	4 17	9 40	1 16	6 16	1 23	7 11	0 54	12 12	1 22	22 21	0 6	4 6	0 43	17 23	1 42	8 24	12 26	12 9	12 10	5 31	17 9	5 48
S 19	11 27	18 55	3 30	8 51	1 8	5 46	1 21	6 52	0 54	12 11	1 22	22 22	0 6	4 5	0 43	17 24	1 42	8 24	12 25	12 9	12 11	5 29	17 9	5 48
S 20	11 6	17 49	2 34	8 1	0 59	5 16	1 20	6 34	0 53	12 11	1 23	22 22	0 6	4 4	0 43	17 24	1 42	8 24	12 25	12 9	12 12	5 27	17 10	5 47
M21	10 44	15 56	1 32	7 10	0 50	4 45	1 19	6 15	0 53	12 11	1 23	22 23	0 6	4 4	0 43	17 24	1 42	8 25	12 25	12 9	12 13	5 25	17 10	5 47
T 22	10 23	13 21	0 27	6 19	0 40	4 15	1 18	5 56	0 52	12 11	1 23	22 23	0 6	4 3	0 43	17 24	1 42	8 25	12 24	12 9	12 14	5 23	17 10	5 47
W23	10 1	10 14	0s39	5 28	0 30	3 44	1 17	5 37	0 52	12 10	1 23	22 24	0 6	4 2	0 43	17 24	1 42	8 25	12 24	12 9	12 15	5 21	17 11	5 46
T 24	9 39	6 44	1 43	4 36	0 18	3 13	1 15	5 18	0 51	12 10	1 23	22 24	0 6	4 1	0 43	17 25	1 42	8 26	12 24	12 9	12 16	5 20	17 11	5 46
F 25	9 17	2 58	2 42	3 45	0 7	2 42	1 14	5 0	0 51	12 9	1 24	22 24	0 5	4 1	0 43	17 25	1 42	8 26	12 24	12 9	12 17	5 18	17 11	5 45
S 26	8 54	0n54	3 35	2 53	0n 6	2 11	1 12	4 41	0 50	12 9	1 24	22 25	0 5	4 0	0 43	17 25	1 42	8 26	12 23	12 9	12 18	5 16	17 12	5 45
S 27	8 32	4 44	4 18	2 3	0 18	1 40	1 11	4 22	0 50	12 8	1 24	22 25	0 5	3 59	0 43	17 25	1 42	8 27	12 23	12 10	12 20	5 14	17 12	5 45
M28	8s 9	8n26	4s51	1s14	0n32	1s 9	1s 9	4s 3	0s49	12s 8	1n24	22n26	0s 5	3s58	0n43	17n26	1s42	8n27	12s23	12n10	12n21	5s12	17n13	5s44

Julian Day Number = 2410303.5, Delta T = -4.15 sec
Ecliptic obliquity = 23°27'06, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°09'48, Lahiri = 22°16'49

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ASTRODIENST EPHEMERIS for the year 1887
geocentric

MARCH 1887 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 33 56	10♓ 7'02	16♉33	27♓12	1♈ 0	22♓29	5°R44	15°R50	11°R41	25♉12	2♊ 8	27°R59	27♌27	21♓55	18♊13	T 1
W 2	10 37 52	11° 7'12	28°55	28°37	2°15	23°16	5♏43	15♋48	11♎39	25°13	2° 8	27♌58	27°24	22° 2	18°13	W 2
T 3	10 41 49	12° 7'21	11♊34	29°56	3°29	24° 2	5°41	15°46	11°37	25°14	2° 8	27°D57	27°21	22° 9	18°14	T 3
F 4	10 45 45	13° 7'27	24°35	1♈ 9	4°43	24°49	5°38	15°45	11°35	25°15	2° 9	27°58	27°18	22°15	18°15	F 4
S 5	10 49 42	14° 7'31	8♋ 0	2°16	5°58	25°36	5°36	15°43	11°33	25°16	2° 9	27°59	27°15	22°22	18°15	S 5
S 6	10 53 38	15° 7'33	21°52	3°15	7°12	26°23	5°33	15°42	11°30	25°17	2° 9	28° 0	27°11	22°29	18°16	S 6
M 7	10 57 35	16° 7'33	6♌11	4° 7	8°26	27° 9	5°31	15°41	11°28	25°18	2°10	28° 1	27° 8	22°35	18°17	M 7
T 8	11 1 31	17° 7'31	20°54	4°51	9°40	27°56	5°28	15°39	11°26	25°19	2°10	28°R 2	27° 5	22°42	18°18	T 8
W 9	11 5 28	18° 7'26	5♍56	5°26	10°54	28°42	5°25	15°38	11°24	25°20	2°11	28° 2	27° 2	22°49	18°19	W 9
T 10	11 9 24	19° 7'20	21°10	5°53	12° 8	29°29	5°21	15°37	11°21	25°21	2°11	28° 1	26°59	22°55	18°21	T 10
F 11	11 13 21	20° 7'11	6♎25	6°11	13°22	0♈16	5°18	15°37	11°19	25°22	2°12	27°59	26°56	23° 2	18°22	F 11
S 12	11 17 18	21° 7'01	21°31	6°21	14°36	1° 2	5°14	15°36	11°17	25°23	2°12	27°56	26°52	23° 9	18°23	S 12
S 13	11 21 14	22° 6'49	6♏20	6°R22	15°50	1°49	5°10	15°35	11°14	25°24	2°13	27°52	26°49	23°15	18°25	S 13
M14	11 25 11	23° 6'35	20°44	6°14	17° 4	2°35	5° 6	15°35	11°12	25°25	2°13	27°49	26°46	23°22	18°26	M14
T 15	11 29 7	24° 6'20	4♐41	5°58	18°18	3°21	5° 2	15°35	11° 9	25°27	2°14	27°47	26°43	23°29	18°28	T 15
W16	11 33 4	25° 6'03	18°10	5°35	19°32	4° 8	4°58	15°34	11° 7	25°28	2°15	27°45	26°40	23°35	18°29	W16
T 17	11 37 0	26° 5'44	1♑13	5° 4	20°46	4°54	4°54	15°34	11° 4	25°29	2°15	27°D45	26°36	23°42	18°31	T 17
F 18	11 40 57	27° 5'24	13°53	4°27	21°59	5°40	4°49	15°D34	11° 2	25°31	2°16	27°46	26°33	23°48	18°33	F 18
S 19	11 44 53	28° 5'02	26°15	3°45	23°13	6°27	4°44	15°34	11° 0	25°32	2°17	27°48	26°30	23°55	18°35	S 19
S 20	11 48 50	29° 4'38	8♒22	2°58	24°27	7°13	4°39	15°34	10°57	25°33	2°17	27°50	26°27	24° 2	18°37	S 20
M21	11 52 47	0♈ 4'12	20°19	2° 8	25°40	7°59	4°34	15°35	10°54	25°35	2°18	27°51	26°24	24° 8	18°39	M21
T 22	11 56 43	1° 3'44	2♓10	1°16	26°54	8°45	4°29	15°35	10°52	25°36	2°19	27°R51	26°21	24°15	18°41	T 22
W23	12 0 40	2° 3'15	13°58	0°23	28° 7	9°31	4°24	15°36	10°49	25°38	2°19	27°50	26°17	24°22	18°43	W23
T 24	12 4 36	3° 2'43	25°45	29♓29	29°21	10°17	4°18	15°36	10°47	25°39	2°20	27°47	26°14	24°28	18°45	T 24
F 25	12 8 33	4° 2'09	7♈35	28°37	0♉34	11° 3	4°12	15°37	10°44	25°41	2°21	27°42	26°11	24°35	18°48	F 25
S 26	12 12 29	5° 1'34	19°28	27°47	1°48	11°49	4° 7	15°38	10°42	25°42	2°22	27°35	26° 8	24°42	18°50	S 26
S 27	12 16 26	6° 0'56	1♉27	27° 0	3° 1	12°35	4° 1	15°39	10°39	25°44	2°23	27°28	26° 5	24°48	18°52	S 27
M28	12 20 22	7° 0'16	13°32	26°16	4°14	13°21	3°55	15°40	10°37	25°46	2°23	27°21	26° 1	24°55	18°55	M28
T 29	12 24 19	7°59'34	25°48	25°37	5°27	14° 7	3°48	15°41	10°34	25°47	2°24	27°14	25°58	25° 2	18°58	T 29
W30	12 28 16	8°58'50	8♊14	25° 3	6°41	14°53	3°42	15°43	10°31	25°49	2°25	27° 9	25°55	25° 8	19° 0	W30
T 31	12 32 12	9♈58'03	20♊55	24♓34	7♉54	15♈38	3♏36	15♋44	10♎29	25♉50	2♊26	27♌ 5	25♌52	25♓15	19♊ 3	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s47	11n49	5s11	0s26	0n45	0s38	1s 7	3s44	0s49	12s 7	1n24	22n26	0s 5	3s57	0n43	17n26	1s42	8n27	12s22	12n11	12n22	5s10	17n13	5s44
W 2	7 24	14 46	5 17	0n21	0 59	0 7	1 6	3 25	0 48	12 6	1 25	22 26	0 5	3 57	0 44	17 26	1 42	8 28	12 22	12 11	12 23	5 8	17 13	5 44
T 3	7 1	17 6	5 8	1 5	1 13	0n25	1 4	3 6	0 48	12 5	1 25	22 26	0 5	3 56	0 44	17 26	1 42	8 28	12 22	12 11	12 24	5 6	17 14	5 43
F 4	6 38	18 37	4 44	1 47	1 27	0 56	1 2	2 47	0 47	12 4	1 25	22 27	0 5	3 55	0 44	17 27	1 41	8 28	12 22	12 11	12 25	5 4	17 14	5 43
S 5	6 15	19 10	4 3	2 27	1 41	1 27	1 0	2 28	0 47	12 3	1 25	22 27	0 5	3 54	0 44	17 27	1 41	8 29	12 21	12 11	12 26	5 3	17 15	5 42
S 6	5 52	18 36	3 7	3 3	1 55	1 58	0 58	2 9	0 46	12 2	1 25	22 27	0 4	3 53	0 44	17 27	1 41	8 29	12 21	12 11	12 27	5 1	17 15	5 42
M 7	5 29	16 50	1 58	3 36	2 9	2 29	0 56	1 50	0 45	12 1	1 26	22 28	0 4	3 52	0 44	17 27	1 41	8 29	12 21	12 10	12 28	4 59	17 16	5 42
T 8	5 5	13 55	0 39	4 6	2 22	3 0	0 54	1 31	0 45	12 0	1 26	22 28	0 4	3 51	0 44	17 28	1 41	8 30	12 20	12 10	12 29	4 57	17 16	5 41
W 9	4 42	10 1	0n44	4 31	2 34	3 31	0 52	1 12	0 44	11 59	1 26	22 28	0 4	3 50	0 44	17 28	1 41	8 30	12 20	12 10	12 30	4 55	17 17	5 41
T 10	4 18	5 25	2 4	4 53	2 46	4 2	0 50	0 53	0 44	11 58	1 26	22 28	0 4	3 50	0 44	17 28	1 41	8 31	12 20	12 10	12 32	4 53	17 17	5 41
F 11	3 55	0 27	3 16	5 10	2 57	4 33	0 48	0 34	0 43	11 56	1 26	22 28	0 4	3 49	0 44	17 29	1 41	8 31	12 20	12 11	12 33	4 51	17 18	5 40
S 12	3 31	4s28	4 14	5 22	3 6	5 4	0 45	0 15	0 43	11 55	1 27	22 29	0 4	3 48	0 44	17 29	1 41	8 31	12 19	12 12	12 34	4 49	17 18	5 40
S 13	3 8	9 1	4 53	5 30	3 15	5 34	0 43	0n 4	0 42	11 53	1 27	22 29	0 4	3 47	0 44	17 29	1 41	8 32	12 19	12 13	12 35	4 47	17 18	5 40
M14	2 44	12 55	5 12	5 34	3 22	6 5	0 41	0 23	0 42	11 52	1 27	22 29	0 4	3 46	0 44	17 30	1 41	8 32	12 19	12 14	12 36	4 45	17 19	5 39
T 15	2 21	15 58	5 13	5 33	3 27	6 35	0 38	0 42	0 41	11 50	1 27	22 29	0 3	3 45	0 44	17 30	1 41	8 32	12 18	12 15	12 37	4 43	17 19	5 39
W16	1 57	18 1	4 55	5 27	3 31	7 6	0 36	1 1	0 41	11 49	1 27	22 29	0 3	3 44	0 44	17 30	1 41	8 33	12 18	12 16	12 38	4 42	17 20	5 38
T 17	1 33	19 4	4 23	5 16	3 33	7 36	0 33	1 20	0 40	11 47	1 27	22 29	0 3	3 43	0 44	17 31	1 41	8 33	12 18	12 16	12 39	4 40	17 20	5 38
F 18	1 9	19 6	3 39	5 2	3 33	8 6	0 31	1 39	0 39	11 46	1 27	22 29	0 3	3 42	0 44	17 31	1 41	8 34	12 18	12 15	12 40	4 38	17 21	5 38
S 19	0 46	18 13	2 45	4 44	3 32	8 35	0 28	1 58	0 39	11 44	1 28	22 30	0 3	3 41	0 44	17 32	1 41	8 34	12 17	12 15	12 41	4 36	17 21	5 37
S 20	0 22	16 30	1 45	4 22	3 28	9 5	0 26	2 17	0 38	11 42	1 28	22 30	0 3	3 40	0 44	17 32	1 41	8 34	12 17	12 14	12 42	4 34	17 22	5 37
M21	0n 2	14 4	0 41	3 57	3 23	9 34	0 23	2 35	0 38	11 40	1 28	22 30	0 3	3 39	0 44	17 32	1 41	8 35	12 17	12 14	12 43	4 32	17 22	5 37
T 22	0 25	11 5	0s24	3 30	3 16	10 3	0 20	2 54	0 37	11 38	1 28	22 30	0 3	3 38	0 44	17 33	1 40	8 35	12 17	12 14	12 45	4 30	17 23	5 36
W23	0 49	7 39	1 27	3 0	3 7	10 32	0 18	3 13	0 37	11 36	1 28	22 30	0 3	3 37	0 44	17 33	1 40	8 36	12 16	12 14	12 46	4 28	17 24	5 36
T 24	1 13	3 56	2 27	2 29	2 56	11 1	0 15	3 31	0 36	11 34	1 28	22 30	0 2	3 36	0 44	17 33	1 40	8 36	12 16	12 15	12 47	4 26	17 24	5 36
F 25	1 36	0 3	3 20	1 58	2 45	11 29	0 12	3 50	0 35	11 32	1 28	22 30	0 2	3 35	0 44	17 34	1 40	8 36	12 16	12 17	12 48	4 24	17 25	5 35
S 26	2 0	3n51	4 5	1 26	2 32	11 57	0 9	4 9	0 35	11 30	1 29	22 30	0 2	3 34	0 44	17 34	1 40	8 37	12 16	12 19	12 49	4 22	17 25	5 35
S 27	2 23	7 37	4 39	0 55	2 18	12 25	0 7	4 27	0 34	11 28	1 29	22 30	0 2	3 33	0 44	17 35	1 40	8 37	12 15	12 21	12 50	4 20	17 26	5 35
M28	2 47	11 7	5 1	0 24	2 3	12 53	0 4	4 45	0 34	11 26	1 29	22 30	0 2	3 32	0 44	17 35	1 40	8 37	12 15	12 24	12 51	4 18	17 26	5 34
T 29	3 10	14 12	5 10	0s 6	1 48	13 20	0 1	5 4	0 33	11 24	1 29	22 30	0 2	3 31	0 44	17 36	1 40	8 38	12 15	12 26	12 52	4 16	17 27	5 34
W30	3 34	16 41	5 4	0 34	1 32	13 47	0n 2	5 22	0 32	11 22	1 29	22 30	0 2	3 30	0 44	17 36	1 40	8 38	12 15	12 28	12 53	4 15	17 27	5 34
T 31	3n57	18n25	4s44	1s 0	1n16	14n14	0n 5	5n40	0s32	11s20	1n29	22n30	0s 2	3s29	0n44	17n36	1s40	8n39	12s14	12n29	12n54	4s13	17n28	5s33

Julian Day Number = 2410331.5, Delta T = -4.14 sec
Ecliptic obliquity = 23°27'07, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°09'52, Lahiri = 22°16'53

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ASTRODIENST EPHEMERIS for the year 1887
geocentric

APRIL 1887 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 36 9	10♈57'14	3♋53	24°R10	9♉ 7	16♈24	3°R29	15♋46	10°R26	25♉52	2♊27	27°R 3	25♌49	25♓22	19♊ 6	F 1
S 2	12 40 5	11°56'23	17°11	23♓52	10°20	17°10	3♏23	15°47	10♎24	25°54	2°28	27°D 3	25°46	25°28	19° 9	S 2
S 3	12 44 2	12°55'30	0♌51	23°40	11°33	17°55	3°16	15°49	10°21	25°56	2°29	27♌ 4	25°42	25°35	19°12	S 3
M 4	12 47 58	13°54'34	14°55	23°33	12°46	18°41	3° 9	15°51	10°18	25°57	2°30	27° 5	25°39	25°42	19°15	M 4
T 5	12 51 55	14°53'36	29°24	23°D31	13°58	19°26	3° 2	15°53	10°16	25°59	2°31	27°R 5	25°36	25°48	19°18	T 5
W 6	12 55 51	15°52'35	14♍13	23°35	15°11	20°12	2°55	15°55	10°13	26° 1	2°32	27° 4	25°33	25°55	19°21	W 6
T 7	12 59 48	16°51'32	29°18	23°45	16°24	20°57	2°48	15°57	10°11	26° 3	2°32	27° 1	25°30	26° 2	19°24	T 7
F 8	13 3 44	17°50'28	14♎30	23°59	17°37	21°43	2°41	15°59	10° 8	26° 5	2°33	26°55	25°27	26° 8	19°28	F 8
S 9	13 7 41	18°49'21	29°39	24°19	18°49	22°28	2°34	16° 2	10° 6	26° 6	2°35	26°48	25°23	26°15	19°31	S 9
S 10	13 11 38	19°48'12	14♏35	24°43	20° 2	23°13	2°27	16° 4	10° 3	26° 8	2°36	26°40	25°20	26°22	19°34	S 10
M11	13 15 34	20°47'01	29° 9	25°11	21°14	23°58	2°19	16° 7	10° 0	26°10	2°37	26°32	25°17	26°28	19°38	M11
T 12	13 19 31	21°45'49	13♐16	25°44	22°27	24°44	2°12	16° 9	9°58	26°12	2°38	26°25	25°14	26°35	19°41	T 12
W13	13 23 27	22°44'35	26°53	26°21	23°39	25°29	2° 5	16°12	9°55	26°14	2°39	26°20	25°11	26°42	19°45	W13
T 14	13 27 24	23°43'19	10♑ 2	27° 1	24°51	26°14	1°57	16°15	9°53	26°16	2°40	26°17	25° 7	26°48	19°49	T 14
F 15	13 31 20	24°42'01	22°45	27°46	26° 4	26°59	1°50	16°18	9°50	26°18	2°41	26°D16	25° 4	26°55	19°52	F 15
S 16	13 35 17	25°40'42	5♒ 7	28°34	27°16	27°44	1°42	16°21	9°48	26°20	2°42	26°16	25° 1	27° 2	19°56	S 16
S 17	13 39 13	26°39'21	17°12	29°25	28°28	28°29	1°34	16°24	9°46	26°22	2°43	26°17	24°58	27° 8	20° 0	S 17
M18	13 43 10	27°37'58	29° 6	0♈19	29°40	29°14	1°27	16°27	9°43	26°24	2°44	26°R17	24°55	27°15	20° 4	M18
T 19	13 47 7	28°36'34	10♓54	1°17	0♊52	29°58	1°19	16°31	9°41	26°26	2°45	26°16	24°52	27°22	20° 8	T 19
W20	13 51 3	29°35'08	22°41	2°17	2° 4	0♉43	1°11	16°34	9°38	26°28	2°47	26°13	24°48	27°28	20°12	W20
T 21	13 55 0	0♉33'40	4♈29	3°20	3°16	1°28	1° 4	16°38	9°36	26°30	2°48	26° 7	24°45	27°35	20°16	T 21
F 22	13 58 56	1°32'10	16°23	4°26	4°28	2°13	0°56	16°41	9°34	26°32	2°49	25°58	24°42	27°42	20°20	F 22
S 23	14 2 53	2°30'39	28°23	5°34	5°39	2°57	0°48	16°45	9°31	26°34	2°50	25°47	24°39	27°48	20°24	S 23
S 24	14 6 49	3°29'05	10♉32	6°45	6°51	3°42	0°41	16°49	9°29	26°36	2°51	25°35	24°36	27°55	20°28	S 24
M25	14 10 46	4°27'30	22°51	7°58	8° 3	4°26	0°33	16°53	9°27	26°38	2°53	25°23	24°32	28° 2	20°32	M25
T 26	14 14 42	5°25'53	5♊19	9°14	9°14	5°11	0°25	16°57	9°24	26°41	2°54	25°11	24°29	28° 8	20°37	T 26
W27	14 18 39	6°24'14	17°59	10°31	10°26	5°55	0°18	17° 1	9°22	26°43	2°55	25° 1	24°26	28°15	20°41	W27
T 28	14 22 36	7°22'33	0♋50	11°51	11°37	6°40	0°10	17° 5	9°20	26°45	2°56	24°53	24°23	28°22	20°45	T 28
F 29	14 26 32	8°20'50	13°54	13°13	12°48	7°24	0° 3	17°10	9°18	26°47	2°57	24°49	24°20	28°28	20°50	F 29
S 30	14 30 29	9♉19'05	27♋13	14♈38	14♊ 0	8♉ 8	29♎55	17♋14	9♎16	26♉49	2♊59	24♌46	24♌17	28♓35	20♊54	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n20	19n15	4s 8	1s24	1n 0	14n40	0n 8	5n58	0s31	11s17	1n29	22n30	0s 2	3s28	0n44	17n37	1s40	8n39	12s14	12n30	12n55	4s11	17n28	5s33
S 2	4 43	19 3	3 19	1 45	0 44	15 6	0 11	6 16	0 31	11 15	1 29	22 30	0 2	3 27	0 44	17 37	1 40	8 39	12 14	12 30	12 56	4 9	17 29	5 33
S 3	5 6	17 45	2 17	2 5	0 29	15 31	0 14	6 34	0 30	11 13	1 29	22 29	0 1	3 26	0 44	17 38	1 40	8 40	12 14	12 30	12 57	4 7	17 29	5 32
M 4	5 29	15 20	1 5	2 21	0 14	15 56	0 17	6 52	0 29	11 10	1 29	22 29	0 1	3 25	0 44	17 38	1 40	8 40	12 13	12 29	12 59	4 5	17 30	5 32
T 5	5 52	11 53	0n12	2 35	0s 1	16 21	0 20	7 10	0 29	11 8	1 29	22 29	0 1	3 24	0 44	17 39	1 40	8 41	12 13	12 29	13 0	4 3	17 31	5 32
W 6	6 15	7 37	1 31	2 47	0 16	16 46	0 23	7 28	0 28	11 5	1 29	22 29	0 1	3 23	0 44	17 39	1 40	8 41	12 13	12 30	13 1	4 1	17 31	5 31
T 7	6 38	2 48	2 45	2 56	0 29	17 10	0 26	7 45	0 27	11 3	1 30	22 29	0 1	3 22	0 44	17 40	1 40	8 41	12 13	12 31	13 2	3 59	17 32	5 31
F 8	7 0	2s14	3 47	3 2	0 43	17 33	0 29	8 3	0 27	11 0	1 30	22 29	0 1	3 21	0 44	17 40	1 40	8 42	12 13	12 33	13 3	3 57	17 32	5 31
S 9	7 23	7 5	4 33	3 6	0 55	17 56	0 32	8 20	0 26	10 58	1 30	22 29	0 1	3 20	0 44	17 41	1 40	8 42	12 12	12 35	13 4	3 55	17 33	5 31
S 10	7 45	11 26	5 0	3 8	1 7	18 19	0 35	8 38	0 26	10 55	1 30	22 28	0 1	3 19	0 44	17 41	1 40	8 43	12 12	12 38	13 5	3 53	17 33	5 30
M11	8 7	15 0	5 6	3 7	1 18	18 41	0 37	8 55	0 25	10 53	1 30	22 28	0 1	3 18	0 44	17 41	1 40	8 43	12 12	12 41	13 6	3 51	17 34	5 30
T 12	8 29	17 33	4 54	3 4	1 29	19 3	0 40	9 12	0 24	10 50	1 30	22 28	0 1	3 17	0 44	17 42	1 40	8 43	12 12	12 43	13 7	3 49	17 34	5 30
W13	8 51	19 1	4 24	2 58	1 39	19 24	0 43	9 29	0 24	10 48	1 30	22 28	0 0	3 16	0 44	17 42	1 40	8 44	12 11	12 45	13 8	3 47	17 35	5 29
T 14	9 13	19 23	3 42	2 51	1 48	19 44	0 46	9 46	0 23	10 45	1 30	22 27	0 0	3 15	0 44	17 43	1 39	8 44	12 11	12 46	13 9	3 45	17 35	5 29
F 15	9 34	18 44	2 50	2 41	1 57	20 5	0 49	10 3	0 22	10 43	1 30	22 27	0 0	3 14	0 44	17 43	1 39	8 45	12 11	12 46	13 10	3 43	17 36	5 29
S 16	9 56	17 12	1 51	2 29	2 5	20 24	0 52	10 20	0 22	10 40	1 30	22 27	0 0	3 13	0 44	17 44	1 39	8 45	12 11	12 46	13 11	3 41	17 37	5 29
S 17	10 17	14 55	0 49	2 15	2 12	20 43	0 55	10 37	0 21	10 37	1 30	22 27	0 0	3 12	0 44	17 44	1 39	8 45	12 11	12 46	13 12	3 39	17 37	5 28
M18	10 38	12 2	0s15	2 0	2 19	21 2	0 58	10 53	0 21	10 35	1 30	22 26	0n 0	3 11	0 44	17 45	1 39	8 46	12 11	12 46	13 13	3 37	17 38	5 28
T 19	10 59	8 40	1 17	1 43	2 25	21 20	1 1	11 9	0 20	10 32	1 30	22 26	0 0	3 10	0 44	17 45	1 39	8 46	12 10	12 46	13 15	3 35	17 38	5 28
W20	11 20	4 59	2 16	1 24	2 30	21 38	1 4	11 26	0 19	10 30	1 30	22 26	0 0	3 9	0 43	17 46	1 39	8 46	12 10	12 47	13 16	3 33	17 39	5 28
T 21	11 40	1 6	3 9	1 3	2 35	21 55	1 7	11 42	0 19	10 27	1 30	22 25	0 0	3 8	0 43	17 46	1 39	8 47	12 10	12 49	13 17	3 32	17 39	5 27
F 22	12 1	2n51	3 54	0 41	2 39	22 11	1 9	11 58	0 18	10 24	1 30	22 25	0 0	3 7	0 43	17 47	1 39	8 47	12 10	12 52	13 18	3 30	17 40	5 27
S 23	12 21	6 43	4 29	0 17	2 43	22 27	1 12	12 14	0 17	10 22	1 30	22 25	0 0	3 7	0 43	17 47	1 39	8 48	12 10	12 56	13 19	3 28	17 40	5 27
S 24	12 41	10 22	4 52	0n 9	2 46	22 42	1 15	12 30	0 17	10 19	1 29	22 24	0 1	3 6	0 43	17 48	1 39	8 48	12 10	13 0	13 20	3 26	17 41	5 27
M25	13 1	13 37	5 2	0 35	2 48	22 56	1 18	12 45	0 16	10 16	1 29	22 24	0 1	3 5	0 43	17 48	1 39	8 48	12 9	13 4	13 21	3 24	17 41	5 26
T 26	13 20	16 19	4 57	1 4	2 50	23 10	1 20	13 1	0 15	10 14	1 29	22 23	0 1	3 4	0 43	17 49	1 39	8 49	12 9	13 8	13 22	3 22	17 42	5 26
W27	13 40	18 17	4 38	1 33	2 51	23 23	1 23	13 16	0 15	10 11	1 29	22 23	0 1	3 3	0 43	17 49	1 39	8 49	12 9	13 11	13 23	3 20	17 42	5 26
T 28	13 59	19 22	4 5	2 4	2 51	23 36	1 26	13 31	0 14	10 9	1 29	22 22	0 1	3 2	0 43	17 50	1 39	8 49	12 9	13 14	13 24	3 18	17 43	5 26
F 29	14 18	19 26	3 19	2 36	2 51	23 48	1 28	13 47	0 14	10 6	1 29	22 22	0 1	3 1	0 43	17 50	1 39	8 50	12 9	13 16	13 25	3 16	17 43	5 26
S 30	14n36	18n26	2s21	3n 9	2s50	24n 0	1n31	14n 1	0s13	10s 4	1n29	22n22	0n 1	3s 1	0n43	17n51	1s39	8n50	12s 9	13n16	13n26	3s14	17n44	5s25

Julian Day Number = 2410362.5, Delta T = -4.12 sec
Ecliptic obliquity = 23°27'07, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°09'56, Lahiri = 22°16'57

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ASTRODIENST EPHEMERIS for the year 1887
geocentric

MAY 1887 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 34 25	10♉17'18	10♌49	16♈ 4	15♊11	8♉53	29°R48	17♋18	9°R14	26♉51	3♊ 0	24°D46	24♌13	28♓42	20♊59	S 1
M 2	14 38 22	11°15'29	24°43	17°32	16°22	9°37	29♎40	17°23	9♎11	26°54	3° 1	24°R46	24°10	28°48	21° 3	M 2
T 3	14 42 18	12°13'38	8♍56	19° 2	17°33	10°21	29°33	17°27	9° 9	26°56	3° 3	24♌46	24° 7	28°55	21° 8	T 3
W 4	14 46 15	13°11'45	23°27	20°35	18°44	11° 5	29°26	17°32	9° 7	26°58	3° 4	24°43	24° 4	29° 2	21°13	W 4
T 5	14 50 11	14° 9'49	8♎12	22° 9	19°55	11°49	29°18	17°37	9° 5	27° 0	3° 5	24°38	24° 1	29° 8	21°17	T 5
F 6	14 54 8	15° 7'52	23° 6	23°45	21° 5	12°33	29°11	17°42	9° 3	27° 2	3° 6	24°31	23°58	29°15	21°22	F 6
S 7	14 58 5	16° 5'54	8♏ 0	25°23	22°16	13°17	29° 4	17°47	9° 2	27° 4	3° 8	24°21	23°54	29°22	21°27	S 7
S 8	15 2 1	17° 3'53	22°47	27° 3	23°27	14° 1	28°57	17°52	9° 0	27° 7	3° 9	24°10	23°51	29°28	21°32	S 8
M 9	15 5 58	18° 1'51	7♐16	28°45	24°37	14°45	28°50	17°57	8°58	27° 9	3°10	23°59	23°48	29°35	21°37	M 9
T 10	15 9 54	18°59'48	21°22	0♑29	25°48	15°28	28°43	18° 2	8°56	27°11	3°12	23°49	23°45	29°42	21°41	T 10
W11	15 13 51	19°57'43	5♑ 2	2°15	26°58	16°12	28°37	18° 7	8°54	27°13	3°13	23°41	23°42	29°48	21°46	W11
T 12	15 17 47	20°55'37	18°14	4° 3	28° 8	16°56	28°30	18°12	8°53	27°16	3°14	23°35	23°38	29°55	21°51	T 12
F 13	15 21 44	21°53'29	1♒ 0	5°53	29°18	17°39	28°23	18°18	8°51	27°18	3°16	23°32	23°35	0♈ 2	21°56	F 13
S 14	15 25 40	22°51'21	13°24	7°45	0♋28	18°23	28°17	18°23	8°49	27°20	3°17	23°31	23°32	0° 8	22° 1	S 14
S 15	15 29 37	23°49'11	25°32	9°39	1°38	19° 6	28°11	18°29	8°48	27°22	3°18	23°31	23°29	0°15	22° 6	S 15
M16	15 33 34	24°47'00	7♓27	11°35	2°48	19°50	28° 4	18°34	8°46	27°25	3°20	23°31	23°26	0°22	22°11	M16
T 17	15 37 30	25°44'47	19°17	13°33	3°58	20°33	27°58	18°40	8°45	27°27	3°21	23°29	23°23	0°28	22°17	T 17
W18	15 41 27	26°42'34	1♈ 5	15°32	5° 7	21°16	27°52	18°46	8°43	27°29	3°22	23°26	23°19	0°35	22°22	W18
T 19	15 45 23	27°40'19	12°56	17°34	6°17	22° 0	27°46	18°52	8°42	27°31	3°24	23°19	23°16	0°42	22°27	T 19
F 20	15 49 20	28°38'03	24°55	19°37	7°26	22°43	27°41	18°57	8°40	27°34	3°25	23°10	23°13	0°49	22°32	F 20
S 21	15 53 16	29°35'46	7♉ 4	21°42	8°36	23°26	27°35	19° 3	8°39	27°36	3°26	22°59	23°10	0°55	22°37	S 21
S 22	15 57 13	0♊33'28	19°25	23°48	9°45	24° 9	27°29	19° 9	8°38	27°38	3°28	22°46	23° 7	1° 2	22°43	S 22
M23	16 1 9	1°31'09	1♊58	25°56	10°54	24°52	27°24	19°15	8°37	27°40	3°29	22°33	23° 4	1° 9	22°48	M23
T 24	16 5 6	2°28'48	14°44	28° 5	12° 3	25°35	27°19	19°21	8°35	27°43	3°31	22°21	23° 0	1°15	22°53	T 24
W25	16 9 3	3°26'26	27°42	0♊15	13°12	26°18	27°14	19°28	8°34	27°45	3°32	22°10	22°57	1°22	22°58	W25
T 26	16 12 59	4°24'03	10♋51	2°26	14°21	27° 1	27° 9	19°34	8°33	27°47	3°33	22° 2	22°54	1°29	23° 4	T 26
F 27	16 16 56	5°21'39	24°12	4°38	15°29	27°44	27° 4	19°40	8°32	27°49	3°35	21°57	22°51	1°35	23° 9	F 27
S 28	16 20 52	6°19'13	7♌44	6°50	16°38	28°27	27° 0	19°46	8°31	27°52	3°36	21°55	22°48	1°42	23°15	S 28
S 29	16 24 49	7°16'46	21°26	9° 2	17°46	29°10	26°55	19°53	8°30	27°54	3°37	21°D54	22°44	1°49	23°20	S 29
M30	16 28 45	8°14'17	5♍20	11°14	18°54	29°53	26°51	19°59	8°29	27°56	3°39	21°R54	22°41	1°55	23°25	M30
T 31	16 32 42	9♊11'47	19♍26	13♊25	20♋ 3	0♊35	26♎47	20♋ 6	8♎28	27♉58	3♊40	21♌54	22♌38	2♈ 2	23♊31	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14n55	16n21	1s13	3n43	2s49	24n10	1n33	14n16	0s12	10s 1	1n29	22n21	0n 1	3s 0	0n43	17n51	1s39	8n51	12s 9	13n16	13n27	3s12	17n44	5s25
M 2	15 13	13 17	0 0	4 19	2 47	24 20	1 36	14 31	0 12	9 59	1 29	22 21	0 1	2 59	0 43	17 52	1 39	8 51	12 8	13 16	13 28	3 10	17 45	5 25
T 3	15 31	9 22	1n14	4 55	2 45	24 30	1 38	14 45	0 11	9 56	1 29	22 20	0 1	2 58	0 43	17 53	1 39	8 51	12 8	13 17	13 29	3 8	17 45	5 25
W 4	15 48	4 50	2 26	5 33	2 42	24 38	1 40	15 0	0 10	9 54	1 29	22 20	0 2	2 57	0 43	17 53	1 39	8 52	12 8	13 17	13 30	3 6	17 46	5 25
T 5	16 6	0s 4	3 28	6 11	2 38	24 46	1 43	15 14	0 10	9 51	1 28	22 19	0 2	2 57	0 43	17 54	1 39	8 52	12 8	13 19	13 31	3 4	17 46	5 24
F 6	16 23	5 0	4 17	6 50	2 34	24 54	1 45	15 28	0 9	9 49	1 28	22 19	0 2	2 56	0 43	17 54	1 39	8 52	12 8	13 21	13 33	3 2	17 47	5 24
S 7	16 40	9 37	4 49	7 30	2 29	25 0	1 47	15 42	0 8	9 46	1 28	22 18	0 2	2 55	0 43	17 55	1 39	8 53	12 8	13 25	13 34	3 0	17 47	5 24
S 8	16 56	13 37	5 1	8 11	2 24	25 6	1 49	15 56	0 8	9 44	1 28	22 17	0 2	2 54	0 43	17 55	1 39	8 53	12 8	13 28	13 35	2 58	17 48	5 24
M 9	17 13	16 43	4 53	8 53	2 19	25 12	1 51	16 9	0 7	9 42	1 28	22 17	0 2	2 54	0 43	17 56	1 39	8 53	12 8	13 32	13 36	2 56	17 48	5 24
T 10	17 29	18 44	4 27	9 35	2 13	25 16	1 53	16 23	0 6	9 39	1 28	22 16	0 2	2 53	0 43	17 56	1 39	8 54	12 7	13 35	13 37	2 54	17 48	5 24
W11	17 44	19 35	3 47	10 17	2 6	25 20	1 55	16 36	0 6	9 37	1 28	22 16	0 2	2 52	0 43	17 57	1 39	8 54	12 7	13 38	13 38	2 52	17 49	5 24
T 12	18 0	19 19	2 55	11 1	1 59	25 23	1 57	16 49	0 5	9 35	1 27	22 15	0 2	2 52	0 43	17 57	1 39	8 54	12 7	13 40	13 39	2 50	17 49	5 23
F 13	18 15	18 3	1 56	11 44	1 51	25 26	1 59	17 2	0 5	9 33	1 27	22 14	0 2	2 51	0 43	17 58	1 39	8 55	12 7	13 41	13 40	2 48	17 50	5 23
S 14	18 30	15 57	0 53	12 28	1 43	25 28	2 1	17 15	0 4	9 31	1 27	22 14	0 2	2 51	0 43	17 58	1 39	8 55	12 7	13 41	13 41	2 46	17 50	5 23
S 15	18 44	13 11	0s11	13 13	1 35	25 29	2 2	17 27	0 3	9 29	1 27	22 13	0 2	2 50	0 43	17 59	1 39	8 55	12 7	13 41	13 42	2 44	17 51	5 23
M16	18 58	9 55	1 13	13 57	1 26	25 29	2 4	17 40	0 3	9 27	1 27	22 12	0 3	2 49	0 43	17 59	1 39	8 56	12 7	13 41	13 43	2 42	17 51	5 23
T 17	19 12	6 16	2 12	14 41	1 17	25 29	2 5	17 52	0 2	9 25	1 27	22 12	0 3	2 49	0 43	18 0	1 39	8 56	12 7	13 42	13 44	2 40	17 51	5 23
W18	19 26	2 24	3 5	15 26	1 7	25 28	2 7	18 4	0 1	9 23	1 26	22 11	0 3	2 48	0 43	18 0	1 39	8 56	12 7	13 43	13 45	2 38	17 52	5 23
T 19	19 39	1n35	3 50	16 10	0 58	25 26	2 8	18 16	0 1	9 21	1 26	22 10	0 3	2 48	0 43	18 1	1 39	8 56	12 7	13 45	13 46	2 36	17 52	5 23
F 20	19 52	5 32	4 25	16 53	0 47	25 24	2 9	18 28	0 0	9 19	1 26	22 10	0 3	2 47	0 43	18 1	1 39	8 57	12 7	13 48	13 47	2 34	17 52	5 23
S 21	20 4	9 19	4 49	17 36	0 37	25 21	2 10	18 39	0n 1	9 17	1 26	22 9	0 3	2 47	0 43	18 2	1 39	8 57	12 7	13 52	13 48	2 32	17 53	5 22
S 22	20 17	12 47	5 0	18 18	0 27	25 17	2 12	18 50	0 1	9 15	1 26	22 8	0 3	2 46	0 43	18 2	1 39	8 57	12 7	13 56	13 49	2 30	17 53	5 22
M23	20 29	15 43	4 56	18 59	0 16	25 12	2 13	19 2	0 2	9 14	1 25	22 7	0 3	2 46	0 43	18 3	1 39	8 58	12 7	14 0	13 50	2 28	17 54	5 22
T 24	20 40	17 58	4 38	19 39	0 6	25 7	2 13	19 13	0 3	9 12	1 25	22 6	0 3	2 45	0 43	18 3	1 39	8 58	12 7	14 4	13 51	2 26	17 54	5 22
W25	20 51	19 21	4 5	20 18	0n 5	25 1	2 14	19 23	0 3	9 10	1 25	22 6	0 3	2 45	0 42	18 4	1 39	8 58	12 6	14 8	13 52	2 24	17 54	5 22
T 26	21 2	19 42	3 19	20 55	0 16	24 55	2 15	19 34	0 4	9 9	1 25	22 5	0 3	2 45	0 42	18 4	1 39	8 58	12 6	14 10	13 53	2 22	17 55	5 22
F 27	21 12	18 58	2 21	21 30	0 26	24 48	2 16	19 44	0 4	9 7	1 25	22 4	0 4	2 44	0 42	18 5	1 39	8 59	12 6	14 12	13 54	2 20	17 55	5 22
S 28	21 22	17 9	1 14	22 3	0 36	24 40	2 16	19 54	0 5	9 6	1 24	22 3	0 4	2 44	0 42	18 5	1 39	8 59	12 6	14 13	13 55	2 18	17 55	5 22
S 29	21 32	14 19	0 2	22 34	0 46	24 32	2 17	20 4	0 6	9 4	1 24	22 2	0 4	2 43	0 42	18 6	1 39	8 59	12 6	14 13	13 57	2 16	17 55	5 22
M30	21 42	10 39	1n11	23 3	0 55	24 23	2 17	20 14	0 6	9 3	1 24	22 2	0 4	2 43	0 42	18 6	1 39	8 59	12 6	14 13	13 58	2 14	17 56	5 22
T 31	21n50	6n20	2n21	23n29	1n 4	24n13	2n17	20n24	0n 7	9s 2	1n24	22n 1	0n 4	2s43	0n42	18n 7	1s39	9n 0	12s 6	14n13	13n59	2s12	17n56	5s22

Julian Day Number = 2410392.5, Delta T = -4.11 sec
Ecliptic obliquity = 23°27'07, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°10'01, Lahiri = 22°17'01

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ASTRODIENST EPHEMERIS for the year 1887
geocentric

JUNE 1887 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 36 38	10♊ 9'15	3♎42	15♊36	21♋11	1♊18	26°R43	20♋12	8°R27	28♉ 0	3♊41	21°R52	22♌35	2♈ 9	23♊36	W 1
T 2	16 40 35	11° 6'43	18° 7	17°45	22°18	2° 0	26♎39	20°19	8♎27	28° 3	3°43	21♌48	22°32	2°15	23°42	T 2
F 3	16 44 32	12° 4'09	2♏37	19°54	23°26	2°43	26°35	20°25	8°26	28° 5	3°44	21°41	22°29	2°22	23°47	F 3
S 4	16 48 28	13° 1'34	17° 7	22° 0	24°34	3°25	26°32	20°32	8°25	28° 7	3°45	21°32	22°25	2°29	23°53	S 4
S 5	16 52 25	13°58'57	1♐30	24° 6	25°41	4° 8	26°28	20°39	8°25	28° 9	3°47	21°22	22°22	2°35	23°58	S 5
M 6	16 56 21	14°56'20	15°41	26° 9	26°48	4°50	26°25	20°46	8°24	28°11	3°48	21°12	22°19	2°42	24° 4	M 6
T 7	17 0 18	15°53'43	29°33	28°11	27°55	5°32	26°22	20°52	8°24	28°14	3°49	21° 3	22°16	2°49	24° 9	T 7
W 8	17 4 14	16°51'04	13♑ 4	0♋10	29° 2	6°14	26°20	20°59	8°23	28°16	3°51	20°55	22°13	2°55	24°15	W 8
T 9	17 8 11	17°48'25	26°11	2° 7	0♌ 9	6°57	26°17	21° 6	8°23	28°18	3°52	20°50	22°10	3° 2	24°20	T 9
F 10	17 12 7	18°45'45	8♒56	4° 2	1°16	7°39	26°14	21°13	8°22	28°20	3°53	20°48	22° 6	3° 9	24°26	F 10
S 11	17 16 4	19°43'04	21°21	5°55	2°22	8°21	26°12	21°20	8°22	28°22	3°55	20°D47	22° 3	3°15	24°31	S 11
S 12	17 20 1	20°40'23	3♓30	7°45	3°28	9° 3	26°10	21°27	8°22	28°24	3°56	20°48	22° 0	3°22	24°37	S 12
M13	17 23 57	21°37'42	15°27	9°33	4°34	9°45	26° 8	21°34	8°22	28°26	3°57	20°48	21°57	3°29	24°43	M13
T 14	17 27 54	22°35'00	27°18	11°18	5°40	10°27	26° 6	21°41	8°22	28°28	3°59	20°R48	21°54	3°35	24°48	T 14
W15	17 31 50	23°32'18	9♈ 9	13° 1	6°46	11° 9	26° 5	21°48	8°22	28°31	4° 0	20°47	21°50	3°42	24°54	W15
T 16	17 35 47	24°29'35	21° 3	14°42	7°52	11°51	26° 3	21°56	8°D21	28°33	4° 1	20°44	21°47	3°49	24°59	T 16
F 17	17 39 43	25°26'52	3♉ 6	16°20	8°57	12°32	26° 2	22° 3	8°21	28°35	4° 3	20°38	21°44	3°55	25° 5	F 17
S 18	17 43 40	26°24'09	15°22	17°56	10° 2	13°14	26° 1	22°10	8°22	28°37	4° 4	20°31	21°41	4° 2	25°11	S 18
S 19	17 47 36	27°21'26	27°52	19°29	11° 7	13°56	26° 0	22°17	8°22	28°39	4° 5	20°22	21°38	4° 9	25°16	S 19
M20	17 51 33	28°18'42	10♊39	20°59	12°12	14°37	26° 0	22°25	8°22	28°41	4° 6	20°13	21°35	4°16	25°22	M20
T 21	17 55 30	29°15'58	23°42	22°27	13°16	15°19	25°59	22°32	8°22	28°43	4° 8	20° 4	21°31	4°22	25°27	T 21
W22	17 59 26	0♋13'14	7♋ 0	23°53	14°21	16° 0	25°59	22°39	8°22	28°45	4° 9	19°57	21°28	4°29	25°33	W22
T 23	18 3 23	1°10'29	20°33	25°15	15°25	16°42	25°D59	22°47	8°23	28°47	4°10	19°51	21°25	4°36	25°39	T 23
F 24	18 7 19	2° 7'44	4♌17	26°36	16°29	17°23	25°59	22°54	8°23	28°49	4°11	19°48	21°22	4°42	25°44	F 24
S 25	18 11 16	3° 4'58	18°10	27°53	17°32	18° 5	25°59	23° 2	8°24	28°51	4°13	19°D47	21°19	4°49	25°50	S 25
S 26	18 15 12	4° 2'12	2♍11	29° 8	18°36	18°46	25°59	23° 9	8°24	28°53	4°14	19°48	21°16	4°56	25°55	S 26
M27	18 19 9	4°59'25	16°16	0♌20	19°39	19°27	26° 0	23°17	8°25	28°55	4°15	19°49	21°12	5° 2	26° 1	M27
T 28	18 23 5	5°56'38	0♎25	1°29	20°42	20° 9	26° 1	23°24	8°25	28°56	4°16	19°R50	21° 9	5° 9	26° 6	T 28
W29	18 27 2	6°53'50	14°37	2°36	21°44	20°50	26° 2	23°32	8°26	28°58	4°17	19°50	21° 6	5°16	26°12	W29
T 30	18 30 59	7♋51'02	28♎48	3♌39	22♌46	21♊31	26♎ 3	23♋39	8♎27	29♉ 0	4♊19	19♌48	21♌ 3	5♈22	26♊18	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21n59	1n38	3n23	23n53	1n13	24n 3	2n17	20n33	0n 8	9s 1	1n23	22n 0	0n 4	2s43	0n42	18n 7	1s39	9n 0	12s 6	14n14	14n 0	2s10	17n56	5s22
T 2	22 7	3s13	4 12	24 14	1 21	23 52	2 18	20 43	0 8	8 59	1 23	21 59	0 4	2 42	0 42	18 8	1 39	9 0	12 6	14 15	14 1	2 7	17 57	5 22
F 3	22 15	7 54	4 46	24 32	1 28	23 40	2 17	20 52	0 9	8 58	1 23	21 58	0 4	2 42	0 42	18 8	1 39	9 0	12 6	14 17	14 2	2 5	17 57	5 22
S 4	22 22	12 8	5 2	24 47	1 35	23 28	2 17	21 0	0 10	8 57	1 23	21 57	0 4	2 42	0 42	18 9	1 39	9 1	12 6	14 20	14 3	2 3	17 57	5 22
S 5	22 29	15 36	4 58	25 0	1 41	23 16	2 17	21 9	0 10	8 56	1 22	21 56	0 4	2 42	0 42	18 9	1 39	9 1	12 6	14 23	14 4	2 1	17 57	5 22
M 6	22 36	18 7	4 36	25 10	1 46	23 2	2 17	21 17	0 11	8 55	1 22	21 55	0 4	2 41	0 42	18 10	1 39	9 1	12 6	14 26	14 5	1 59	17 58	5 22
T 7	22 42	19 29	3 58	25 17	1 51	22 49	2 16	21 26	0 11	8 55	1 22	21 54	0 4	2 41	0 42	18 10	1 39	9 1	12 6	14 29	14 6	1 57	17 58	5 22
W 8	22 48	19 43	3 7	25 22	1 55	22 34	2 16	21 34	0 12	8 54	1 22	21 53	0 5	2 41	0 42	18 11	1 39	9 2	12 6	14 32	14 7	1 55	17 58	5 22
T 9	22 54	18 50	2 7	25 24	1 58	22 19	2 15	21 41	0 13	8 53	1 21	21 52	0 5	2 41	0 42	18 11	1 39	9 2	12 6	14 33	14 8	1 53	17 58	5 22
F 10	22 59	17 1	1 3	25 23	2 0	22 4	2 14	21 49	0 13	8 52	1 21	21 51	0 5	2 41	0 42	18 11	1 39	9 2	12 6	14 34	14 9	1 51	17 58	5 22
S 11	23 3	14 26	0s 3	25 21	2 2	21 48	2 13	21 56	0 14	8 52	1 21	21 50	0 5	2 41	0 42	18 12	1 39	9 2	12 6	14 34	14 10	1 49	17 59	5 22
S 12	23 7	11 17	1 8	25 16	2 2	21 32	2 12	22 4	0 15	8 51	1 21	21 49	0 5	2 41	0 42	18 12	1 39	9 2	12 6	14 34	14 11	1 47	17 59	5 22
M13	23 11	7 42	2 8	25 9	2 2	21 15	2 11	22 10	0 15	8 51	1 20	21 48	0 5	2 41	0 42	18 13	1 39	9 3	12 7	14 34	14 12	1 45	17 59	5 22
T 14	23 15	3 52	3 3	25 0	2 2	20 57	2 9	22 17	0 16	8 51	1 20	21 47	0 5	2 41	0 42	18 13	1 39	9 3	12 7	14 34	14 13	1 43	17 59	5 22
W15	23 18	0n 7	3 49	24 49	2 0	20 39	2 8	22 24	0 16	8 50	1 20	21 46	0 5	2 41	0 42	18 14	1 39	9 3	12 7	14 34	14 14	1 41	17 59	5 22
T 16	23 20	4 6	4 26	24 36	1 58	20 21	2 6	22 30	0 17	8 50	1 20	21 45	0 5	2 41	0 42	18 14	1 39	9 3	12 7	14 35	14 15	1 39	17 59	5 22
F 17	23 22	7 59	4 52	24 22	1 55	20 2	2 5	22 36	0 18	8 50	1 19	21 44	0 5	2 41	0 42	18 15	1 39	9 3	12 7	14 37	14 16	1 37	17 59	5 22
S 18	23 24	11 35	5 5	24 6	1 52	19 43	2 3	22 42	0 18	8 50	1 19	21 43	0 5	2 41	0 41	18 15	1 39	9 3	12 7	14 40	14 17	1 35	18 0	5 22
S 19	23 26	14 46	5 3	23 49	1 48	19 23	2 1	22 48	0 19	8 50	1 19	21 42	0 5	2 41	0 41	18 15	1 39	9 4	12 7	14 42	14 18	1 33	18 0	5 23
M20	23 26	17 19	4 47	23 30	1 43	19 3	1 59	22 53	0 20	8 50	1 18	21 41	0 6	2 41	0 41	18 16	1 39	9 4	12 7	14 45	14 19	1 31	18 0	5 23
T 21	23 27	19 3	4 15	23 11	1 37	18 43	1 57	22 59	0 20	8 50	1 18	21 40	0 6	2 41	0 41	18 16	1 39	9 4	12 7	14 48	14 20	1 29	18 0	5 23
W22	23 27	19 47	3 30	22 50	1 31	18 22	1 54	23 4	0 21	8 50	1 18	21 38	0 6	2 41	0 41	18 17	1 39	9 4	12 7	14 50	14 21	1 27	18 0	5 23
T 23	23 27	19 23	2 31	22 29	1 25	18 0	1 52	23 9	0 21	8 50	1 18	21 37	0 6	2 42	0 41	18 17	1 39	9 4	12 7	14 52	14 22	1 25	18 0	5 23
F 24	23 26	17 51	1 23	22 7	1 17	17 39	1 49	23 13	0 22	8 50	1 17	21 36	0 6	2 42	0 41	18 17	1 39	9 4	12 7	14 53	14 23	1 23	18 0	5 23
S 25	23 25	15 15	0 9	21 44	1 9	17 17	1 47	23 18	0 23	8 51	1 17	21 35	0 6	2 42	0 41	18 18	1 39	9 4	12 7	14 53	14 24	1 20	18 0	5 23
S 26	23 23	11 44	1n 7	21 20	1 1	16 54	1 44	23 22	0 23	8 51	1 17	21 34	0 6	2 42	0 41	18 18	1 39	9 5	12 7	14 53	14 25	1 18	18 0	5 23
M27	23 21	7 33	2 18	20 56	0 52	16 32	1 41	23 26	0 24	8 52	1 17	21 33	0 6	2 42	0 41	18 19	1 39	9 5	12 7	14 53	14 26	1 16	18 0	5 23
T 28	23 19	2 55	3 22	20 31	0 42	16 9	1 38	23 30	0 24	8 52	1 16	21 31	0 6	2 43	0 41	18 19	1 39	9 5	12 8	14 53	14 27	1 14	18 0	5 24
W29	23 16	1s52	4 13	20 7	0 32	15 46	1 34	23 33	0 25	8 53	1 16	21 30	0 6	2 43	0 41	18 19	1 39	9 5	12 8	14 53	14 28	1 12	18 0	5 24
T 30	23n13	6s33	4n49	19n42	0n21	15n22	1n31	23n36	0n26	8s53	1n16	21n29	0n 6	2s43	0n41	18n20	1s39	9n 5	12s 8	14n53	14n29	1s10	18n 0	5s24

Julian Day Number = 2410423.5, Delta T = -4.09 sec
Ecliptic obliquity = 23°27'06, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°10'05, Lahiri = 22°17'05

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ASTRODIENST EPHEMERIS for the year 1887
geocentric

JULY 1887 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 34 55	8♋48'13	12♏58	4♌39	23♌48	22♊12	26♎ 4	23♋47	8♎27	29♉ 2	4♊20	19°R44	21♌ 0	5♈29	26♊23	F 1
S 2	18 38 52	9°45'24	27° 2	5°36	24°50	22°53	26° 6	23°55	8°28	29° 4	4°21	19♌39	20°56	5°36	26°29	S 2
S 3	18 42 48	10°42'35	10♐59	6°30	25°52	23°34	26° 7	24° 2	8°29	29° 6	4°22	19°33	20°53	5°42	26°34	S 3
M 4	18 46 45	11°39'46	24°43	7°20	26°53	24°15	26° 9	24°10	8°30	29° 7	4°23	19°27	20°50	5°49	26°40	M 4
T 5	18 50 41	12°36'56	8♑12	8° 7	27°53	24°56	26°11	24°17	8°31	29° 9	4°24	19°22	20°47	5°56	26°45	T 5
W 6	18 54 38	13°34'07	21°25	8°50	28°54	25°36	26°13	24°25	8°32	29°11	4°25	19°18	20°44	6° 2	26°51	W 6
T 7	18 58 34	14°31'18	4♒19	9°29	29°54	26°17	26°16	24°33	8°33	29°13	4°26	19°15	20°41	6° 9	26°56	T 7
F 8	19 2 31	15°28'29	16°56	10° 5	0♏54	26°58	26°18	24°41	8°34	29°14	4°28	19°D14	20°37	6°16	27° 1	F 8
S 9	19 6 28	16°25'40	29°16	10°36	1°53	27°39	26°21	24°48	8°35	29°16	4°29	19°15	20°34	6°23	27° 7	S 9
S 10	19 10 24	17°22'52	11♓24	11° 4	2°52	28°19	26°24	24°56	8°36	29°18	4°30	19°16	20°31	6°29	27°12	S 10
M11	19 14 21	18°20'04	23°21	11°27	3°51	29° 0	26°27	25° 4	8°38	29°19	4°31	19°18	20°28	6°36	27°18	M11
T 12	19 18 17	19°17'16	5♈13	11°45	4°49	29°40	26°30	25°11	8°39	29°21	4°32	19°19	20°25	6°43	27°23	T 12
W13	19 22 14	20°14'29	17° 4	11°59	5°47	0♋21	26°33	25°19	8°40	29°22	4°33	19°R20	20°22	6°49	27°28	W13
T 14	19 26 10	21°11'43	29° 0	12° 8	6°44	1° 1	26°37	25°27	8°42	29°24	4°34	19°20	20°18	6°56	27°34	T 14
F 15	19 30 7	22° 8'57	11♉ 5	12°R13	7°41	1°42	26°40	25°35	8°43	29°25	4°35	19°18	20°15	7° 3	27°39	F 15
S 16	19 34 3	23° 6'12	23°23	12°13	8°37	2°22	26°44	25°42	8°45	29°27	4°36	19°16	20°12	7° 9	27°44	S 16
S 17	19 38 0	24° 3'28	5♊57	12° 8	9°33	3° 2	26°48	25°50	8°46	29°28	4°37	19°13	20° 9	7°16	27°49	S 17
M18	19 41 57	25° 0'44	18°52	11°58	10°29	3°43	26°53	25°58	8°48	29°30	4°38	19° 9	20° 6	7°23	27°55	M18
T 19	19 45 53	25°58'01	2♋ 7	11°43	11°24	4°23	26°57	26° 6	8°50	29°31	4°38	19° 5	20° 2	7°29	28° 0	T 19
W20	19 49 50	26°55'18	15°42	11°23	12°19	5° 3	27° 1	26°14	8°51	29°33	4°39	19° 3	19°59	7°36	28° 5	W20
T 21	19 53 46	27°52'36	29°36	10°59	13°13	5°43	27° 6	26°21	8°53	29°34	4°40	19° 1	19°56	7°43	28°10	T 21
F 22	19 57 43	28°49'55	13♌45	10°31	14° 6	6°23	27°11	26°29	8°55	29°35	4°41	19°D 0	19°53	7°49	28°15	F 22
S 23	20 1 39	29°47'14	28° 4	9°59	14°59	7° 3	27°16	26°37	8°57	29°37	4°42	19° 0	19°50	7°56	28°20	S 23
S 24	20 5 36	0♌44'34	12♍30	9°23	15°51	7°43	27°21	26°45	8°59	29°38	4°43	19° 1	19°47	8° 3	28°25	S 24
M25	20 9 32	1°41'54	26°56	8°45	16°43	8°23	27°26	26°52	9° 1	29°39	4°44	19° 2	19°43	8°10	28°30	M25
T 26	20 13 29	2°39'14	11♎20	8° 4	17°34	9° 3	27°32	27° 0	9° 3	29°41	4°44	19° 3	19°40	8°16	28°35	T 26
W27	20 17 26	3°36'35	25°37	7°21	18°25	9°43	27°37	27° 8	9° 5	29°42	4°45	19° 4	19°37	8°23	28°40	W27
T 28	20 21 22	4°33'56	9♏46	6°37	19°14	10°22	27°43	27°16	9° 7	29°43	4°46	19°R 4	19°34	8°30	28°45	T 28
F 29	20 25 19	5°31'18	23°43	5°53	20° 3	11° 2	27°49	27°23	9° 9	29°44	4°47	19° 3	19°31	8°36	28°50	F 29
S 30	20 29 15	6°28'40	7♐29	5° 9	20°52	11°42	27°55	27°31	9°11	29°45	4°48	19° 2	19°28	8°43	28°55	S 30
S 31	20 33 12	7♌26'03	21♐ 1	4♌26	21♍39	12♋22	28♎ 1	27♋39	9♎13	29♉46	4♊48	19♌ 1	19♌24	8♈50	29♊ 0	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n10	10s51	5n 8	19n17	0n10	14n58	1n28	23n40	0n26	8s54	1n15	21n28	0n 6	2s44	0n41	18n20	1s39	9n 5	12s 8	14n54	14n30	1s 8	18n 0	5s24
S 2	23 6	14 31	5 7	18 52	0s 1	14 34	1 24	23 42	0 27	8 55	1 15	21 27	0 7	2 44	0 41	18 20	1 39	9 5	12 8	14 56	14 31	1 6	18 0	5 24
S 3	23 1	17 20	4 49	18 27	0 13	14 10	1 20	23 45	0 28	8 56	1 15	21 25	0 7	2 44	0 41	18 21	1 40	9 5	12 8	14 58	14 32	1 4	18 0	5 24
M 4	22 56	19 7	4 14	18 2	0 26	13 45	1 16	23 48	0 28	8 57	1 15	21 24	0 7	2 45	0 41	18 21	1 40	9 5	12 8	15 0	14 33	1 2	18 0	5 25
T 5	22 51	19 47	3 25	17 38	0 39	13 20	1 12	23 50	0 29	8 58	1 14	21 23	0 7	2 45	0 41	18 22	1 40	9 5	12 8	15 1	14 34	1 0	18 0	5 25
W 6	22 46	19 21	2 26	17 14	0 52	12 55	1 8	23 52	0 29	8 59	1 14	21 22	0 7	2 46	0 41	18 22	1 40	9 5	12 8	15 3	14 35	0 58	18 0	5 25
T 7	22 40	17 53	1 21	16 50	1 5	12 30	1 3	23 54	0 30	9 0	1 14	21 20	0 7	2 46	0 41	18 22	1 40	9 6	12 9	15 3	14 36	0 56	18 0	5 25
F 8	22 33	15 34	0 13	16 27	1 19	12 5	0 59	23 56	0 31	9 1	1 14	21 19	0 7	2 47	0 41	18 23	1 40	9 6	12 9	15 4	14 37	0 54	18 0	5 25
S 9	22 26	12 35	0s55	16 5	1 33	11 39	0 54	23 57	0 31	9 2	1 13	21 18	0 7	2 47	0 41	18 23	1 40	9 6	12 9	15 4	14 38	0 52	18 0	5 26
S 10	22 19	9 7	1 58	15 44	1 48	11 13	0 49	23 58	0 32	9 3	1 13	21 16	0 7	2 48	0 41	18 23	1 40	9 6	12 9	15 3	14 39	0 50	18 0	5 26
M11	22 12	5 20	2 56	15 24	2 2	10 47	0 44	23 59	0 32	9 5	1 13	21 15	0 7	2 48	0 41	18 23	1 40	9 6	12 9	15 3	14 40	0 47	17 59	5 26
T 12	22 4	1 23	3 46	15 5	2 17	10 21	0 39	24 0	0 33	9 6	1 12	21 14	0 7	2 49	0 40	18 24	1 40	9 6	12 9	15 2	14 42	0 45	17 59	5 26
W13	21 56	2n37	4 26	14 47	2 31	9 55	0 34	24 1	0 33	9 8	1 12	21 12	0 7	2 49	0 40	18 24	1 40	9 6	12 9	15 2	14 43	0 43	17 59	5 27
T 14	21 47	6 32	4 54	14 31	2 46	9 29	0 28	24 1	0 34	9 9	1 12	21 11	0 8	2 50	0 40	18 24	1 40	9 6	12 10	15 2	14 44	0 41	17 59	5 27
F 15	21 38	10 14	5 11	14 16	3 0	9 3	0 23	24 1	0 35	9 11	1 12	21 10	0 8	2 51	0 40	18 25	1 40	9 6	12 10	15 2	14 45	0 39	17 59	5 27
S 16	21 28	13 34	5 13	14 2	3 14	8 36	0 17	24 1	0 35	9 12	1 11	21 8	0 8	2 51	0 40	18 25	1 40	9 6	12 10	15 3	14 46	0 37	17 59	5 27
S 17	21 19	16 23	5 1	13 51	3 28	8 10	0 11	24 1	0 36	9 14	1 11	21 7	0 8	2 52	0 40	18 25	1 40	9 6	12 10	15 4	14 47	0 35	17 59	5 28
M18	21 8	18 27	4 33	13 41	3 41	7 43	0 5	24 0	0 36	9 16	1 11	21 6	0 8	2 52	0 40	18 25	1 40	9 6	12 10	15 5	14 48	0 33	17 58	5 28
T 19	20 58	19 36	3 50	13 32	3 53	7 17	0s 1	24 0	0 37	9 18	1 11	21 4	0 8	2 53	0 40	18 26	1 40	9 6	12 10	15 6	14 49	0 31	17 58	5 28
W20	20 47	19 40	2 53	13 26	4 5	6 50	0 7	23 59	0 38	9 19	1 10	21 3	0 8	2 54	0 40	18 26	1 40	9 6	12 11	15 7	14 50	0 29	17 58	5 28
T 21	20 36	18 32	1 45	13 22	4 16	6 23	0 14	23 58	0 38	9 21	1 10	21 2	0 8	2 55	0 40	18 26	1 40	9 6	12 11	15 8	14 51	0 27	17 58	5 29
F 22	20 24	16 15	0 29	13 20	4 26	5 57	0 21	23 57	0 39	9 23	1 10	21 0	0 8	2 55	0 40	18 26	1 40	9 6	12 11	15 8	14 52	0 25	17 58	5 29
S 23	20 12	12 56	0n50	13 20	4 35	5 30	0 27	23 55	0 39	9 25	1 10	20 59	0 8	2 56	0 40	18 27	1 40	9 6	12 11	15 8	14 53	0 22	17 57	5 29
S 24	20 0	8 49	2 6	13 22	4 43	5 3	0 34	23 53	0 40	9 27	1 9	20 57	0 8	2 57	0 40	18 27	1 40	9 6	12 11	15 8	14 54	0 20	17 57	5 29
M25	19 48	4 12	3 15	13 26	4 49	4 37	0 41	23 52	0 40	9 30	1 9	20 56	0 9	2 58	0 40	18 27	1 40	9 6	12 11	15 8	14 55	0 18	17 57	5 30
T 26	19 35	0s39	4 10	13 32	4 53	4 10	0 49	23 50	0 41	9 32	1 9	20 55	0 9	2 59	0 40	18 27	1 40	9 6	12 12	15 7	14 56	0 16	17 57	5 30
W27	19 21	5 24	4 50	13 40	4 56	3 44	0 56	23 47	0 42	9 34	1 9	20 53	0 9	2 59	0 40	18 28	1 40	9 6	12 12	15 7	14 57	0 14	17 56	5 30
T 28	19 8	9 48	5 12	13 50	4 57	3 17	1 4	23 45	0 42	9 36	1 8	20 52	0 9	3 0	0 40	18 28	1 41	9 6	12 12	15 7	14 58	0 12	17 56	5 31
F 29	18 54	13 37	5 15	14 1	4 57	2 51	1 11	23 42	0 43	9 39	1 8	20 50	0 9	3 1	0 40	18 28	1 41	9 5	12 12	15 7	14 59	0 10	17 56	5 31
S 30	18 40	16 38	5 0	14 14	4 54	2 25	1 19	23 39	0 43	9 41	1 8	20 49	0 9	3 2	0 40	18 28	1 41	9 5	12 12	15 7	15 0	0 8	17 55	5 31
S 31	18n25	18s41	4n28	14n28	4s50	1n58	1s27	23n36	0n44	9s43	1n 8	20n47	0n 9	3s 3	0n40	18n28	1s41	9n 5	12s12	15n 8	15n 1	0s 6	17n55	5s32

Julian Day Number = 2410453.5, Delta T = -4.08 sec
Ecliptic obliquity = 23°27'06, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°10'09, Lahiri = 22°17'09

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ASTRODIENST EPHEMERIS for the year 1887
geocentric

AUGUST 1887 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 37 8	8♌23'27	4♉20	3°R46	22♍26	13♋ 1	28♎ 7	27♋46	9♎16	29♉47	4♊49	18°R59	19♌21	8♈56	29♊ 4	M 1
T 2	20 41 5	9°20'51	17°25	3♌ 8	23°12	13°41	28°14	27°54	9°18	29°48	4°50	18♌58	19°18	9° 3	29° 9	T 2
W 3	20 45 2	10°18'16	0♒15	2°34	23°57	14°20	28°20	28° 2	9°20	29°49	4°50	18°57	19°15	9°10	29°14	W 3
T 4	20 48 58	11°15'42	12°52	2° 5	24°41	15° 0	28°27	28° 9	9°23	29°50	4°51	18°D57	19°12	9°16	29°18	T 4
F 5	20 52 55	12°13'09	25°16	1°40	25°24	15°39	28°34	28°17	9°25	29°51	4°52	18°57	19° 8	9°23	29°23	F 5
S 6	20 56 51	13°10'37	7♓28	1°21	26° 6	16°18	28°41	28°25	9°27	29°52	4°52	18°57	19° 5	9°30	29°28	S 6
S 7	21 0 48	14° 8'07	19°30	1° 7	26°47	16°58	28°48	28°32	9°30	29°53	4°53	18°58	19° 2	9°36	29°32	S 7
M 8	21 4 44	15° 5'37	1♈26	1° 0	27°28	17°37	28°55	28°40	9°33	29°54	4°53	18°58	18°59	9°43	29°37	M 8
T 9	21 8 41	16° 3'09	13°17	1°D 0	28° 7	18°16	29° 3	28°47	9°35	29°55	4°54	18°58	18°56	9°50	29°41	T 9
W10	21 12 37	17° 0'42	25° 8	1° 6	28°45	18°55	29°10	28°55	9°38	29°56	4°54	18°59	18°53	9°57	29°45	W10
T 11	21 16 34	17°58'16	7♉ 3	1°20	29°21	19°34	29°18	29° 2	9°40	29°57	4°55	18°59	18°49	10° 3	29°50	T 11
F 12	21 20 30	18°55'52	19° 7	1°40	29°57	20°14	29°26	29°10	9°43	29°57	4°55	18°59	18°46	10°10	29°54	F 12
S 13	21 24 27	19°53'29	1♊23	2° 8	0♎31	20°53	29°33	29°17	9°46	29°58	4°56	18°59	18°43	10°17	29°58	S 13
S 14	21 28 24	20°51'08	13°57	2°42	1° 5	21°32	29°41	29°25	9°49	29°59	4°56	18°59	18°40	10°23	0♋ 2	S 14
M15	21 32 20	21°48'49	26°52	3°24	1°36	22°11	29°49	29°32	9°51	29°59	4°57	18°59	18°37	10°30	0° 7	M15
T 16	21 36 17	22°46'31	10♋10	4°13	2° 7	22°49	29°58	29°40	9°54	29°59	4°57	18°59	18°33	10°37	0°11	T 16
W17	21 40 13	23°44'14	23°53	5° 8	2°35	23°28	0♏ 6	29°47	9°57	0♊ 0	4°58	19° 0	18°30	10°43	0°15	W17
T 18	21 44 10	24°41'59	8♌ 0	6°10	3° 3	24° 7	0°15	29°54	10° 0	0° 1	4°58	19° 0	18°27	10°50	0°19	T 18
F 19	21 48 6	25°39'46	22°27	7°18	3°29	24°46	0°23	0♌ 1	10° 3	0° 2	4°58	19°R 0	18°24	10°57	0°23	F 19
S 20	21 52 3	26°37'34	7♍10	8°32	3°53	25°25	0°32	0° 9	10° 6	0° 2	4°59	19° 0	18°21	11° 3	0°27	S 20
S 21	21 55 59	27°35'23	22° 1	9°52	4°15	26° 3	0°41	0°16	10° 9	0° 2	4°59	18°59	18°18	11°10	0°30	S 21
M22	21 59 56	28°33'13	6♎53	11°18	4°36	26°42	0°50	0°23	10°12	0° 3	4°59	18°58	18°14	11°17	0°34	M22
T 23	22 3 53	29°31'05	21°38	12°48	4°55	27°21	0°59	0°30	10°15	0° 3	5° 0	18°57	18°11	11°24	0°38	T 23
W24	22 7 49	0♍28'58	6♏10	14°23	5°12	27°59	1° 8	0°37	10°18	0° 4	5° 0	18°56	18° 8	11°30	0°41	W24
T 25	22 11 46	1°26'52	20°26	16° 2	5°27	28°38	1°17	0°44	10°21	0° 4	5° 0	18°55	18° 5	11°37	0°45	T 25
F 26	22 15 42	2°24'47	4♐22	17°45	5°41	29°16	1°26	0°52	10°24	0° 4	5° 0	18°D55	18° 2	11°44	0°49	F 26
S 27	22 19 39	3°22'44	17°58	19°31	5°52	29°55	1°36	0°59	10°28	0° 4	5° 1	18°56	17°59	11°50	0°52	S 27
S 28	22 23 35	4°20'42	1♑15	21°20	6° 1	0♌33	1°45	1° 5	10°31	0° 5	5° 1	18°56	17°55	11°57	0°55	S 28
M29	22 27 32	5°18'41	14°15	23°11	6° 8	1°11	1°55	1°12	10°34	0° 5	5° 1	18°58	17°52	12° 4	0°59	M29
T 30	22 31 28	6°16'42	26°59	25° 3	6°12	1°50	2° 5	1°19	10°37	0° 5	5° 1	18°59	17°49	12°10	1° 2	T 30
W31	22 35 25	7♍14'44	9♒30	26♌58	6♎15	2♌28	2♏15	1♌26	10♎41	0♊ 5	5♊ 1	19♌ 0	17♌46	12♈17	1♋ 5	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	18n11	19s40	3n43	14n43	4s44	1n33	1s36	23n33	0n44	9s46	1n 7	20n46	0n 9	3s 4	0n40	18n29	1s41	9n 5	12s13	15n 8	15n 2	0s 4	17n55	5s32
T 2	17 55	19 34	2 46	14 59	4 36	1 7	1 44	23 30	0 45	9 48	1 7	20 45	0 9	3 5	0 40	18 29	1 41	9 5	12 13	15 9	15 3	0 2	17 55	5 32
W 3	17 40	18 27	1 42	15 15	4 27	0 41	1 52	23 26	0 46	9 51	1 7	20 43	0 9	3 6	0 40	18 29	1 41	9 5	12 13	15 9	15 4	0n 1	17 54	5 33
T 4	17 24	16 25	0 34	15 32	4 16	0 16	2 1	23 22	0 46	9 53	1 7	20 42	0 9	3 7	0 40	18 29	1 41	9 5	12 13	15 9	15 4	0 3	17 54	5 33
F 5	17 9	13 39	0s35	15 49	4 4	0s 9	2 10	23 18	0 47	9 56	1 6	20 40	0 10	3 8	0 40	18 29	1 41	9 5	12 13	15 9	15 5	0 5	17 53	5 34
S 6	16 52	10 20	1 41	16 6	3 51	0 34	2 19	23 14	0 47	9 59	1 6	20 39	0 10	3 9	0 40	18 29	1 41	9 5	12 14	15 9	15 6	0 7	17 53	5 34
S 7	16 36	6 38	2 42	16 23	3 37	0 59	2 28	23 10	0 48	10 2	1 6	20 37	0 10	3 10	0 40	18 30	1 41	9 5	12 14	15 9	15 7	0 9	17 53	5 34
M 8	16 19	2 43	3 35	16 39	3 22	1 24	2 37	23 5	0 48	10 4	1 6	20 36	0 10	3 11	0 39	18 30	1 41	9 5	12 14	15 9	15 8	0 11	17 52	5 35
T 9	16 2	1n17	4 18	16 55	3 6	1 48	2 47	23 1	0 49	10 7	1 6	20 34	0 10	3 12	0 39	18 30	1 41	9 5	12 14	15 9	15 9	0 13	17 52	5 35
W10	15 45	5 13	4 50	17 10	2 50	2 12	2 56	22 56	0 49	10 10	1 5	20 33	0 10	3 13	0 39	18 30	1 41	9 4	12 15	15 9	15 10	0 15	17 52	5 35
T 11	15 27	8 59	5 11	17 23	2 33	2 35	3 6	22 51	0 50	10 13	1 5	20 32	0 10	3 14	0 39	18 30	1 41	9 4	12 15	15 9	15 11	0 17	17 51	5 36
F 12	15 9	12 25	5 17	17 35	2 16	2 58	3 16	22 46	0 51	10 16	1 5	20 30	0 10	3 15	0 39	18 30	1 41	9 4	12 15	15 9	15 12	0 19	17 51	5 36
S 13	14 51	15 23	5 10	17 46	1 59	3 21	3 26	22 40	0 51	10 19	1 5	20 29	0 10	3 16	0 39	18 30	1 41	9 4	12 15	15 9	15 13	0 22	17 50	5 37
S 14	14 33	17 43	4 48	17 54	1 42	3 43	3 36	22 35	0 52	10 22	1 4	20 27	0 10	3 17	0 39	18 30	1 41	9 4	12 15	15 8	15 14	0 24	17 50	5 37
M15	14 15	19 14	4 11	18 1	1 25	4 5	3 46	22 29	0 52	10 25	1 4	20 26	0 10	3 18	0 39	18 30	1 41	9 4	12 16	15 8	15 15	0 26	17 50	5 38
T 16	13 56	19 45	3 19	18 6	1 9	4 27	3 56	22 23	0 53	10 28	1 4	20 24	0 11	3 19	0 39	18 30	1 41	9 4	12 16	15 8	15 16	0 28	17 49	5 38
W17	13 37	19 7	2 15	18 9	0 53	4 48	4 7	22 17	0 53	10 31	1 4	20 23	0 11	3 21	0 39	18 31	1 42	9 3	12 16	15 8	15 17	0 30	17 49	5 38
T 18	13 18	17 18	1 1	18 9	0 37	5 9	4 17	22 11	0 54	10 34	1 4	20 21	0 11	3 22	0 39	18 31	1 42	9 3	12 16	15 8	15 18	0 32	17 48	5 39
F 19	12 58	14 20	0n19	18 7	0 21	5 29	4 28	22 5	0 54	10 37	1 3	20 20	0 11	3 23	0 39	18 31	1 42	9 3	12 16	15 8	15 19	0 34	17 48	5 39
S 20	12 39	10 25	1 39	18 2	0 7	5 48	4 38	21 58	0 55	10 41	1 3	20 18	0 11	3 24	0 39	18 31	1 42	9 3	12 17	15 8	15 20	0 36	17 47	5 40
S 21	12 19	5 49	2 53	17 54	0n 7	6 7	4 49	21 51	0 56	10 44	1 3	20 17	0 11	3 25	0 39	18 31	1 42	9 3	12 17	15 8	15 21	0 39	17 47	5 40
M22	11 59	0 52	3 55	17 43	0 20	6 25	5 0	21 45	0 56	10 47	1 3	20 16	0 11	3 27	0 39	18 31	1 42	9 3	12 17	15 9	15 22	0 41	17 46	5 41
T 23	11 39	4s 5	4 41	17 30	0 32	6 43	5 11	21 38	0 57	10 51	1 3	20 14	0 11	3 28	0 39	18 31	1 42	9 2	12 17	15 9	15 23	0 43	17 46	5 41
W24	11 18	8 43	5 9	17 13	0 44	6 59	5 22	21 31	0 57	10 54	1 2	20 13	0 11	3 29	0 39	18 31	1 42	9 2	12 18	15 9	15 24	0 45	17 45	5 42
T 25	10 58	12 47	5 16	16 54	0 54	7 15	5 33	21 23	0 58	10 57	1 2	20 11	0 11	3 30	0 39	18 31	1 42	9 2	12 18	15 10	15 25	0 47	17 45	5 42
F 26	10 37	16 1	5 5	16 32	1 4	7 31	5 44	21 16	0 58	11 1	1 2	20 10	0 11	3 32	0 39	18 31	1 42	9 2	12 18	15 10	15 26	0 49	17 44	5 43
S 27	10 16	18 19	4 37	16 7	1 12	7 45	5 55	21 8	0 59	11 4	1 2	20 8	0 12	3 33	0 39	18 31	1 42	9 2	12 18	15 10	15 27	0 51	17 44	5 43
S 28	9 55	19 32	3 54	15 40	1 20	7 59	6 6	21 1	0 59	11 8	1 2	20 7	0 12	3 34	0 39	18 31	1 42	9 2	12 18	15 9	15 28	0 53	17 43	5 43
M29	9 34	19 42	3 1	15 10	1 26	8 11	6 16	20 53	1 0	11 11	1 1	20 6	0 12	3 35	0 39	18 31	1 42	9 1	12 19	15 9	15 29	0 55	17 43	5 44
T 30	9 13	18 50	1 59	14 37	1 32	8 23	6 27	20 45	1 0	11 15	1 1	20 4	0 12	3 37	0 39	18 31	1 42	9 1	12 19	15 8	15 30	0 58	17 42	5 44
W31	8n51	17s 3	0n52	14n 3	1n37	8s34	6s38	20n37	1n 1	11s18	1n 1	20n 3	0n12	3s38	0n39	18n31	1s42	9n 1	12s19	15n 8	15n31	1n 0	17n42	5s45

Julian Day Number = 2410484.5, Delta T = -4.06 sec
Ecliptic obliquity = 23°27'07, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°10'13, Lahiri = 22°17'14

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ASTRODIENST EPHEMERIS for the year 1887
geocentric

SEPTEMBER 1887 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 39 22	8♍12'48	21♒49	28♌53	6°R15	3♌ 6	2♏25	1♌33	10♎44	0♊ 5	5♊ 1	19°R 0	17♌43	12♈24	1♋ 8	T 1
F 2	22 43 18	9°10'53	4♓ 0	0♍49	6♎12	3°44	2°35	1°40	10°47	0° 5	5° 1	18♌59	17°39	12°31	1°11	F 2
S 3	22 47 15	10° 9'00	16° 2	2°46	6° 8	4°22	2°45	1°46	10°51	0°R 5	5° 1	18°58	17°36	12°37	1°15	S 3
S 4	22 51 11	11° 7'08	27°59	4°42	6° 1	5° 0	2°55	1°53	10°54	0° 5	5°R 1	18°55	17°33	12°44	1°17	S 4
M 5	22 55 8	12° 5'19	9♈51	6°39	5°51	5°38	3° 5	1°59	10°57	0° 5	5° 1	18°51	17°30	12°51	1°20	M 5
T 6	22 59 4	13° 3'31	21°42	8°35	5°39	6°16	3°16	2° 6	11° 1	0° 5	5° 1	18°47	17°27	12°57	1°23	T 6
W 7	23 3 1	14° 1'45	3♉33	10°31	5°25	6°54	3°26	2°12	11° 4	0° 5	5° 1	18°43	17°24	13° 4	1°26	W 7
T 8	23 6 57	15° 0'01	15°29	12°26	5° 8	7°32	3°37	2°19	11° 8	0° 5	5° 1	18°40	17°20	13°11	1°29	T 8
F 9	23 10 54	15°58'20	27°31	14°21	4°50	8°10	3°47	2°25	11°11	0° 5	5° 1	18°37	17°17	13°17	1°31	F 9
S 10	23 14 51	16°56'40	9♊45	16°15	4°29	8°48	3°58	2°32	11°15	0° 4	5° 1	18°36	17°14	13°24	1°34	S 10
S 11	23 18 47	17°55'02	22°15	18° 7	4° 5	9°25	4° 9	2°38	11°18	0° 4	5° 1	18°D35	17°11	13°31	1°36	S 11
M12	23 22 44	18°53'27	5♋ 4	19°59	3°40	10° 3	4°20	2°44	11°22	0° 4	5° 1	18°36	17° 8	13°38	1°39	M12
T 13	23 26 40	19°51'54	18°18	21°50	3°13	10°41	4°31	2°50	11°25	0° 4	5° 1	18°38	17° 5	13°44	1°41	T 13
W14	23 30 37	20°50'23	1♌57	23°40	2°44	11°18	4°42	2°56	11°29	0° 3	5° 0	18°39	17° 1	13°51	1°43	W14
T 15	23 34 33	21°48'54	16° 4	25°29	2°13	11°56	4°53	3° 2	11°33	0° 3	5° 0	18°R40	16°58	13°58	1°45	T 15
F 16	23 38 30	22°47'27	0♍37	27°17	1°41	12°33	5° 4	3° 8	11°36	0° 2	5° 0	18°40	16°55	14° 4	1°48	F 16
S 17	23 42 26	23°46'02	15°32	29° 4	1° 7	13°11	5°15	3°14	11°40	0° 2	5° 0	18°38	16°52	14°11	1°50	S 17
S 18	23 46 23	24°44'39	0♎40	0♎49	0°33	13°48	5°27	3°20	11°44	0° 2	4°59	18°34	16°49	14°18	1°51	S 18
M19	23 50 19	25°43'18	15°52	2°34	29♍57	14°25	5°38	3°26	11°47	0° 1	4°59	18°29	16°45	14°24	1°53	M19
T 20	23 54 16	26°41'58	0♏59	4°18	29°21	15° 3	5°50	3°31	11°51	0° 0	4°59	18°23	16°42	14°31	1°55	T 20
W21	23 58 13	27°40'41	15°50	6° 1	28°44	15°40	6° 1	3°37	11°55	29♉59	4°58	18°18	16°39	14°38	1°57	W21
T 22	0 2 9	28°39'25	0♐20	7°42	28° 7	16°17	6°13	3°43	11°58	29°59	4°58	18°13	16°36	14°45	1°59	T 22
F 23	0 6 6	29°38'11	14°23	9°23	27°31	16°54	6°24	3°48	12° 2	29°59	4°58	18°11	16°33	14°51	2° 0	F 23
S 24	0 10 2	0♎36'59	28° 0	11° 3	26°54	17°31	6°36	3°53	12° 6	29°58	4°57	18°D 9	16°30	14°58	2° 2	S 24
S 25	0 13 59	1°35'49	11♑12	12°42	26°18	18° 9	6°48	3°59	12°10	29°57	4°57	18°10	16°26	15° 5	2° 3	S 25
M26	0 17 55	2°34'40	24° 2	14°19	25°42	18°46	7° 0	4° 4	12°13	29°57	4°56	18°11	16°23	15°11	2° 4	M26
T 27	0 21 52	3°33'33	6♒34	15°56	25° 8	19°22	7°12	4° 9	12°17	29°56	4°56	18°12	16°20	15°18	2° 6	T 27
W28	0 25 48	4°32'27	18°52	17°33	24°35	19°59	7°24	4°14	12°21	29°55	4°56	18°R13	16°17	15°25	2° 7	W28
T 29	0 29 45	5°31'24	0♓59	19° 8	24° 3	20°36	7°36	4°19	12°25	29°54	4°55	18°12	16°14	15°31	2° 8	T 29
F 30	0 33 42	6♎30'22	12♓58	20♎42	23♍32	21♌13	7♏48	4♌24	12♎28	29♉53	4♊55	18♌ 9	16♌10	15♈38	2♋ 9	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	8n30	14s29	0s16	13n26	1n41	8s43	6s48	20n28	1n 1	11s22	1n 1	20n 1	0n12	3s39	0n39	18n31	1s42	9n 1	12s19	15n 8	15n32	1n 2	17n41	5s45	T 1
F 2	8 8	11 19	1 22	12 48	1 43	8 52	6 58	20 20	1 2	11 25	1 1	20 0	0 12	3 41	0 39	18 31	1 42	9 1	12 20	15 8	15 33	1 4	17 41	5 46	F 2
S 3	7 46	7 43	2 24	12 8	1 46	8 59	7 8	20 11	1 2	11 29	1 1	19 59	0 12	3 42	0 39	18 31	1 42	9 0	12 20	15 9	15 34	1 6	17 40	5 47	S 3
S 4	7 24	3 50	3 18	11 27	1 47	9 5	7 18	20 3	1 3	11 33	1 0	19 57	0 12	3 43	0 39	18 31	1 43	9 0	12 20	15 10	15 35	1 8	17 40	5 47	S 4
M 5	7 2	0n10	4 4	10 44	1 47	9 10	7 27	19 54	1 4	11 36	1 0	19 56	0 12	3 45	0 39	18 30	1 43	9 0	12 20	15 11	15 36	1 10	17 39	5 48	M 5
T 6	6 40	4 8	4 39	10 1	1 47	9 13	7 36	19 45	1 4	11 40	1 0	19 54	0 13	3 46	0 39	18 30	1 43	9 0	12 20	15 12	15 37	1 12	17 39	5 48	T 6
W 7	6 17	7 58	5 3	9 16	1 46	9 16	7 45	19 36	1 5	11 44	1 0	19 53	0 13	3 47	0 39	18 30	1 43	8 59	12 21	15 13	15 38	1 15	17 38	5 49	W 7
T 8	5 55	11 29	5 13	8 31	1 45	9 17	7 53	19 27	1 5	11 47	1 0	19 52	0 13	3 49	0 39	18 30	1 43	8 59	12 21	15 14	15 39	1 17	17 38	5 49	T 8
F 9	5 32	14 35	5 10	7 45	1 43	9 16	8 1	19 18	1 6	11 51	1 0	19 50	0 13	3 50	0 39	18 30	1 43	8 59	12 21	15 15	15 40	1 19	17 37	5 50	F 9
S 10	5 9	17 6	4 52	6 58	1 40	9 14	8 8	19 8	1 6	11 55	0 59	19 49	0 13	3 52	0 39	18 30	1 43	8 59	12 21	15 16	15 41	1 21	17 36	5 50	S 10
S 11	4 47	18 53	4 21	6 11	1 37	9 11	8 15	18 59	1 7	11 59	0 59	19 48	0 13	3 53	0 39	18 30	1 43	8 58	12 22	15 16	15 42	1 23	17 36	5 51	S 11
M12	4 24	19 45	3 36	5 24	1 33	9 6	8 20	18 49	1 7	12 3	0 59	19 46	0 13	3 54	0 39	18 30	1 43	8 58	12 22	15 15	15 43	1 25	17 35	5 51	M12
T 13	4 1	19 35	2 39	4 37	1 30	9 0	8 25	18 39	1 8	12 6	0 59	19 45	0 13	3 56	0 39	18 30	1 43	8 58	12 22	15 15	15 44	1 27	17 35	5 52	T 13
W14	3 38	18 16	1 30	3 49	1 25	8 53	8 30	18 29	1 8	12 10	0 59	19 44	0 13	3 57	0 39	18 30	1 43	8 58	12 22	15 15	15 45	1 30	17 34	5 52	W14
T 15	3 15	15 48	0 14	3 2	1 20	8 44	8 33	18 19	1 9	12 14	0 59	19 43	0 14	3 59	0 39	18 29	1 43	8 58	12 22	15 14	15 46	1 32	17 33	5 53	T 15
F 16	2 52	12 16	1n 5	2 14	1 15	8 33	8 36	18 9	1 9	12 18	0 58	19 41	0 14	4 0	0 39	18 29	1 43	8 57	12 23	15 14	15 46	1 34	17 33	5 54	F 16
S 17	2 29	7 53	2 21	1 27	1 10	8 22	8 38	17 59	1 10	12 22	0 58	19 40	0 14	4 2	0 39	18 29	1 43	8 57	12 23	15 15	15 47	1 36	17 32	5 54	S 17
S 18	2 5	2 56	3 29	0 40	1 5	8 9	8 39	17 49	1 10	12 26	0 58	19 39	0 14	4 3	0 38	18 29	1 43	8 57	12 23	15 16	15 48	1 38	17 32	5 55	S 18
M19	1 42	2s13	4 22	0s 7	0 59	7 55	8 39	17 39	1 11	12 30	0 58	19 38	0 14	4 4	0 38	18 29	1 43	8 56	12 23	15 18	15 49	1 40	17 31	5 55	M19
T 20	1 19	7 11	4 56	0 54	0 53	7 40	8 38	17 28	1 11	12 34	0 58	19 36	0 14	4 6	0 38	18 29	1 43	8 56	12 24	15 20	15 50	1 42	17 31	5 56	T 20
W21	0 55	11 38	5 10	1 41	0 46	7 24	8 37	17 18	1 12	12 38	0 58	19 35	0 14	4 7	0 38	18 29	1 43	8 56	12 24	15 21	15 51	1 45	17 30	5 56	W21
T 22	0 32	15 17	5 3	2 27	0 40	7 7	8 34	17 7	1 12	12 42	0 58	19 34	0 14	4 9	0 38	18 28	1 43	8 56	12 24	15 23	15 52	1 47	17 29	5 57	T 22
F 23	0 9	17 55	4 39	3 12	0 34	6 49	8 30	16 56	1 13	12 46	0 57	19 33	0 14	4 10	0 38	18 28	1 44	8 55	12 24	15 23	15 53	1 49	17 29	5 58	F 23
S 24	0s15	19 28	3 59	3 58	0 27	6 30	8 26	16 45	1 13	12 50	0 57	19 32	0 15	4 12	0 38	18 28	1 44	8 55	12 24	15 24	15 54	1 51	17 28	5 58	S 24
S 25	0 38	19 52	3 7	4 43	0 20	6 11	8 20	16 34	1 14	12 54	0 57	19 30	0 15	4 13	0 38	18 28	1 44	8 55	12 25	15 24	15 55	1 53	17 28	5 59	S 25
M26	1 2	19 14	2 7	5 27	0 13	5 51	8 14	16 23	1 14	12 58	0 57	19 29	0 15	4 15	0 38	18 28	1 44	8 55	12 25	15 23	15 56	1 55	17 27	5 59	M26
T 27	1 25	17 38	1 3	6 11	0 6	5 31	8 7	16 12	1 15	13 2	0 57	19 28	0 15	4 16	0 38	18 27	1 44	8 54	12 25	15 23	15 57	1 57	17 26	6 0	T 27
W28	1 48	15 14	0s 3	6 54	0s 1	5 10	7 59	16 1	1 15	13 6	0 57	19 27	0 15	4 18	0 38	18 27	1 44	8 54	12 25	15 23	15 58	2 0	17 26	6 0	W28
T 29	2 12	12 12	1 8	7 37	0 8	4 50	7 50	15 50	1 16	13 10	0 57	19 26	0 15	4 19	0 38	18 27	1 44	8 54	12 25	15 23	15 59	2 2	17 25	6 1	T 29
F 30	2s35	8s41	2s 9	8s19	0s15	4s29	7s41	15n39	1n17	13s14	0n57	19n25	0n15	4s21	0n38	18n27	1s44	8n54	12s26	15n24	16n 0	2n 4	17n25	6s 2	F 30

Julian Day Number = 2410515.5, Delta T = -4.05 sec
Ecliptic obliquity = 23°27'08, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°10'17, Lahiri = 22°17'18

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ASTRODIENST EPHEMERIS for the year 1887
geocentric

OCTOBER 1887 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 37 38	7♎29'22	24♓53	22♎16	23°R 4	21♌50	8♏ 0	4♌29	12♎32	29°R53	4°R54	18°R 4	16♌ 7	15♈45	2♋10	S 1
S 2	0 41 35	8°28'25	6♈45	23°48	22♍37	22°26	8°12	4°34	12°36	29♉52	4♊53	17♌56	16° 4	15°52	2°11	S 2
M 3	0 45 31	9°27'29	18°37	25°20	22°12	23° 3	8°24	4°39	12°40	29°51	4°53	17°47	16° 1	15°58	2°11	M 3
T 4	0 49 28	10°26'35	0♉29	26°51	21°50	23°40	8°37	4°43	12°43	29°50	4°52	17°37	15°58	16° 5	2°12	T 4
W 5	0 53 24	11°25'44	12°23	28°21	21°29	24°16	8°49	4°48	12°47	29°49	4°52	17°26	15°55	16°12	2°13	W 5
T 6	0 57 21	12°24'54	24°22	29°51	21°11	24°53	9° 1	4°52	12°51	29°48	4°51	17°17	15°51	16°18	2°13	T 6
F 7	1 1 17	13°24'07	6♊27	1♏19	20°56	25°29	9°14	4°57	12°55	29°47	4°50	17° 9	15°48	16°25	2°14	F 7
S 8	1 5 14	14°23'23	18°41	2°47	20°43	26° 5	9°26	5° 1	12°59	29°46	4°50	17° 3	15°45	16°32	2°14	S 8
S 9	1 9 11	15°22'40	1♋ 9	4°14	20°32	26°42	9°39	5° 5	13° 2	29°45	4°49	17° 0	15°42	16°38	2°14	S 9
M10	1 13 7	16°22'00	13°54	5°40	20°24	27°18	9°51	5° 9	13° 6	29°43	4°48	16°D59	15°39	16°45	2°14	M10
T 11	1 17 4	17°21'23	27° 0	7° 5	20°18	27°54	10° 4	5°14	13°10	29°42	4°48	16°59	15°36	16°52	2°14	T 11
W12	1 21 0	18°20'47	10♌30	8°29	20°15	28°30	10°17	5°17	13°14	29°41	4°47	17°R 0	15°32	16°59	2°R15	W12
T 13	1 24 57	19°20'14	24°27	9°53	20°D14	29° 7	10°29	5°21	13°17	29°40	4°46	17° 0	15°29	17° 5	2°14	T 13
F 14	1 28 53	20°19'43	8♍52	11°15	20°15	29°43	10°42	5°25	13°21	29°39	4°46	16°58	15°26	17°12	2°14	F 14
S 15	1 32 50	21°19'15	23°42	12°37	20°19	0♍19	10°55	5°29	13°25	29°38	4°45	16°54	15°23	17°19	2°14	S 15
S 16	1 36 46	22°18'48	8♎50	13°57	20°25	0°55	11° 8	5°32	13°29	29°36	4°44	16°47	15°20	17°25	2°14	S 16
M17	1 40 43	23°18'24	24° 9	15°16	20°34	1°30	11°20	5°36	13°33	29°35	4°43	16°38	15°16	17°32	2°13	M17
T 18	1 44 39	24°18'02	9♏26	16°34	20°44	2° 6	11°33	5°39	13°36	29°34	4°42	16°27	15°13	17°39	2°13	T 18
W19	1 48 36	25°17'41	24°31	17°51	20°57	2°42	11°46	5°42	13°40	29°32	4°42	16°17	15°10	17°46	2°12	W19
T 20	1 52 33	26°17'23	9♐14	19° 6	21°12	3°18	11°59	5°46	13°44	29°31	4°41	16° 8	15° 7	17°52	2°12	T 20
F 21	1 56 29	27°17'06	23°28	20°20	21°29	3°53	12°12	5°49	13°47	29°30	4°40	16° 2	15° 4	17°59	2°11	F 21
S 22	2 0 26	28°16'52	7♑13	21°33	21°48	4°29	12°25	5°52	13°51	29°28	4°39	15°58	15° 1	18° 6	2°10	S 22
S 23	2 4 22	29°16'39	20°29	22°43	22° 8	5° 4	12°38	5°55	13°55	29°27	4°38	15°56	14°57	18°12	2° 9	S 23
M24	2 8 19	0♏16'27	3♒19	23°52	22°31	5°40	12°51	5°57	13°59	29°25	4°37	15°D56	14°54	18°19	2° 8	M24
T 25	2 12 15	1°16'17	15°47	24°59	22°55	6°15	13° 4	6° 0	14° 2	29°24	4°36	15°R56	14°51	18°26	2° 7	T 25
W26	2 16 12	2°16'09	27°59	26° 3	23°22	6°50	13°17	6° 3	14° 6	29°23	4°35	15°55	14°48	18°32	2° 6	W26
T 27	2 20 8	3°16'03	10♓ 0	27° 4	23°49	7°26	13°30	6° 5	14°10	29°21	4°34	15°53	14°45	18°39	2° 5	T 27
F 28	2 24 5	4°15'58	21°54	28° 3	24°19	8° 1	13°43	6° 7	14°13	29°20	4°33	15°48	14°41	18°46	2° 3	F 28
S 29	2 28 2	5°15'55	3♈45	28°59	24°50	8°36	13°56	6°10	14°17	29°18	4°32	15°40	14°38	18°53	2° 2	S 29
S 30	2 31 58	6°15'53	15°35	29°51	25°22	9°11	14°10	6°12	14°20	29°17	4°31	15°30	14°35	18°59	2° 1	S 30
M31	2 35 55	7♏15'54	27♈28	0♐39	25♍56	9♍46	14♏23	6♌14	14♎24	29♉15	4♊30	15♌16	14♌32	19♈ 6	1♋59	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2s58	4s51	3s 4	9s 1	0s22	4s 9	7s31	15n27	1n17	13s18	0n56	19n24	0n15	4s22	0n38	18n27	1s44	8n53	12s26	15n26	16n 1	2n 6	17n24	6s 2
S 2	3 22	0 51	3 51	9 42	0 30	3 48	7 20	15 16	1 18	13 22	0 56	19 23	0 15	4 23	0 38	18 26	1 44	8 53	12 26	15 28	16 2	2 8	17 23	6 3
M 3	3 45	3n11	4 27	10 23	0 37	3 29	7 9	15 4	1 18	13 26	0 56	19 22	0 16	4 25	0 38	18 26	1 44	8 53	12 26	15 31	16 3	2 10	17 23	6 3
T 4	4 8	7 5	4 52	11 2	0 44	3 9	6 57	14 53	1 19	13 30	0 56	19 21	0 16	4 26	0 38	18 26	1 44	8 52	12 26	15 34	16 4	2 12	17 22	6 4
W 5	4 31	10 44	5 4	11 42	0 51	2 50	6 45	14 41	1 19	13 34	0 56	19 20	0 16	4 28	0 38	18 26	1 44	8 52	12 26	15 37	16 5	2 15	17 22	6 5
T 6	4 55	13 58	5 3	12 20	0 58	2 32	6 33	14 29	1 20	13 38	0 56	19 19	0 16	4 29	0 38	18 25	1 44	8 52	12 27	15 40	16 6	2 17	17 21	6 5
F 7	5 18	16 40	4 48	12 58	1 5	2 14	6 20	14 17	1 20	13 42	0 56	19 18	0 16	4 31	0 38	18 25	1 44	8 52	12 27	15 42	16 6	2 19	17 20	6 6
S 8	5 41	18 39	4 20	13 35	1 12	1 57	6 8	14 6	1 21	13 46	0 56	19 17	0 16	4 32	0 38	18 25	1 44	8 51	12 27	15 44	16 7	2 21	17 20	6 6
S 9	6 3	19 47	3 40	14 11	1 19	1 41	5 55	13 54	1 21	13 50	0 55	19 16	0 16	4 34	0 38	18 25	1 44	8 51	12 27	15 45	16 8	2 23	17 19	6 7
M10	6 26	19 57	2 47	14 46	1 26	1 25	5 41	13 42	1 22	13 54	0 55	19 15	0 16	4 35	0 38	18 24	1 44	8 51	12 27	15 45	16 9	2 25	17 19	6 8
T 11	6 49	19 3	1 45	15 21	1 33	1 11	5 28	13 30	1 22	13 58	0 55	19 14	0 17	4 37	0 38	18 24	1 44	8 50	12 28	15 45	16 10	2 27	17 18	6 8
W12	7 12	17 4	0 35	15 55	1 39	0 57	5 15	13 17	1 23	14 2	0 55	19 13	0 17	4 38	0 38	18 24	1 44	8 50	12 28	15 45	16 11	2 30	17 17	6 9
T 13	7 34	14 0	0n40	16 28	1 46	0 45	5 1	13 5	1 23	14 6	0 55	19 13	0 17	4 40	0 38	18 23	1 44	8 50	12 28	15 45	16 12	2 32	17 17	6 9
F 14	7 57	10 1	1 54	17 0	1 52	0 33	4 48	12 53	1 24	14 10	0 55	19 12	0 17	4 41	0 38	18 23	1 44	8 50	12 28	15 46	16 13	2 34	17 16	6 10
S 15	8 19	5 18	3 2	17 31	1 58	0 22	4 35	12 41	1 24	14 14	0 55	19 11	0 17	4 43	0 38	18 23	1 44	8 49	12 28	15 47	16 14	2 36	17 16	6 10
S 16	8 41	0 10	3 59	18 1	2 4	0 13	4 21	12 29	1 25	14 18	0 55	19 10	0 17	4 44	0 38	18 23	1 44	8 49	12 28	15 49	16 15	2 38	17 15	6 11
M17	9 4	5s 2	4 40	18 30	2 10	0 4	4 8	12 16	1 25	14 22	0 55	19 10	0 17	4 46	0 38	18 22	1 44	8 49	12 28	15 52	16 16	2 40	17 14	6 12
T 18	9 26	9 54	5 0	18 58	2 16	0n 4	3 55	12 4	1 26	14 26	0 55	19 9	0 17	4 47	0 38	18 22	1 45	8 49	12 29	15 55	16 17	2 43	17 14	6 12
W19	9 47	14 4	4 59	19 25	2 21	0 11	3 42	11 52	1 26	14 31	0 55	19 8	0 17	4 48	0 38	18 22	1 45	8 48	12 29	15 58	16 18	2 45	17 13	6 13
T 20	10 9	17 15	4 39	19 51	2 26	0 17	3 30	11 39	1 27	14 35	0 54	19 8	0 18	4 50	0 38	18 21	1 45	8 48	12 29	16 0	16 19	2 47	17 13	6 13
F 21	10 31	19 17	4 1	20 16	2 31	0 22	3 17	11 27	1 27	14 39	0 54	19 7	0 18	4 51	0 38	18 21	1 45	8 48	12 29	16 2	16 20	2 49	17 12	6 14
S 22	10 52	20 5	3 10	20 39	2 35	0 26	3 5	11 14	1 28	14 43	0 54	19 6	0 18	4 53	0 38	18 21	1 45	8 47	12 29	16 4	16 21	2 51	17 12	6 15
S 23	11 13	19 44	2 11	21 2	2 39	0 29	2 52	11 2	1 28	14 47	0 54	19 6	0 18	4 54	0 38	18 20	1 45	8 47	12 29	16 4	16 21	2 53	17 11	6 15
M24	11 34	18 21	1 7	21 23	2 43	0 31	2 40	10 49	1 29	14 51	0 54	19 5	0 18	4 56	0 38	18 20	1 45	8 47	12 29	16 4	16 22	2 56	17 10	6 16
T 25	11 55	16 6	0 1	21 43	2 46	0 32	2 29	10 36	1 29	14 55	0 54	19 5	0 18	4 57	0 38	18 20	1 45	8 47	12 29	16 4	16 23	2 58	17 10	6 16
W26	12 16	13 10	1s 4	22 1	2 49	0 32	2 17	10 24	1 30	14 59	0 54	19 4	0 18	4 58	0 38	18 19	1 45	8 46	12 30	16 4	16 24	3 0	17 9	6 17
T 27	12 37	9 44	2 4	22 18	2 52	0 32	2 6	10 11	1 30	15 3	0 54	19 4	0 19	5 0	0 38	18 19	1 45	8 46	12 30	16 5	16 25	3 2	17 9	6 17
F 28	12 57	5 56	2 58	22 33	2 53	0 30	1 55	9 58	1 31	15 7	0 54	19 3	0 19	5 1	0 38	18 19	1 45	8 46	12 30	16 6	16 26	3 4	17 8	6 18
S 29	13 17	1 56	3 44	22 47	2 55	0 28	1 44	9 46	1 31	15 11	0 54	19 3	0 19	5 3	0 38	18 18	1 45	8 46	12 30	16 9	16 27	3 6	17 8	6 19
S 30	13 37	2n 8	4 20	22 59	2 55	0 25	1 33	9 33	1 32	15 15	0 54	19 2	0 19	5 4	0 38	18 18	1 45	8 45	12 30	16 12	16 28	3 9	17 7	6 19
M31	13s57	6n 8	4s45	23s 9	2s55	0n21	1s23	9n20	1n32	15s19	0n54	19n 2	0n19	5s 5	0n38	18n18	1s45	8n45	12s30	16n16	16n29	3n11	17n 7	6s20

Julian Day Number = 2410545.5, Delta T = -4.04 sec
Ecliptic obliquity = 23°27'08, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°10'22, Lahiri = 22°17'22

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ASTRODIENST EPHEMERIS for the year 1887
geocentric

NOVEMBER 1887 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 39 51	8♏15'56	9♉24	1♐23	26♍32	10♍21	14♏36	6♌16	14♎27	29°R13	4°R29	15°R 2	14♌29	19♈13	1°R57	T 1
W 2	2 43 48	9°16'01	21°25	2° 2	27° 8	10°56	14°49	6°18	14°31	29♉12	4♊28	14♌47	14°26	19°19	1♋56	W 2
T 3	2 47 44	10°16'07	3♊32	2°36	27°46	11°30	15° 2	6°19	14°35	29°10	4°27	14°34	14°22	19°26	1°54	T 3
F 4	2 51 41	11°16'15	15°46	3° 3	28°26	12° 5	15°15	6°21	14°38	29° 9	4°26	14°22	14°19	19°33	1°52	F 4
S 5	2 55 37	12°16'25	28° 9	3°24	29° 6	12°40	15°29	6°23	14°42	29° 7	4°25	14°14	14°16	19°40	1°50	S 5
S 6	2 59 34	13°16'37	10♋42	3°37	29°48	13°14	15°42	6°24	14°45	29° 6	4°24	14° 8	14°13	19°46	1°48	S 6
M 7	3 3 31	14°16'52	23°29	3°R43	0♎31	13°49	15°55	6°25	14°48	29° 4	4°23	14° 5	14°10	19°53	1°46	M 7
T 8	3 7 27	15°17'08	6♌32	3°40	1°15	14°23	16° 8	6°26	14°52	29° 2	4°22	14° 4	14° 7	20° 0	1°44	T 8
W 9	3 11 24	16°17'26	19°55	3°28	2° 0	14°57	16°21	6°28	14°55	29° 1	4°21	14° 4	14° 3	20° 6	1°42	W 9
T 10	3 15 20	17°17'46	3♍41	3° 5	2°46	15°32	16°35	6°29	14°59	28°59	4°20	14° 4	14° 0	20°13	1°39	T 10
F 11	3 19 17	18°18'09	17°51	2°33	3°32	16° 6	16°48	6°29	15° 2	28°57	4°19	14° 1	13°57	20°20	1°37	F 11
S 12	3 23 13	19°18'33	2♎24	1°51	4°20	16°40	17° 1	6°30	15° 5	28°56	4°18	13°56	13°54	20°27	1°35	S 12
S 13	3 27 10	20°18'59	17°18	0°59	5° 9	17°14	17°14	6°31	15° 9	28°54	4°17	13°49	13°51	20°33	1°32	S 13
M14	3 31 6	21°19'27	2♏24	29♏58	5°58	17°48	17°28	6°31	15°12	28°52	4°16	13°39	13°47	20°40	1°30	M14
T 15	3 35 3	22°19'56	17°33	28°48	6°49	18°22	17°41	6°32	15°15	28°51	4°15	13°27	13°44	20°47	1°27	T 15
W16	3 39 0	23°20'28	2♐35	27°33	7°40	18°55	17°54	6°32	15°18	28°49	4°14	13°16	13°41	20°53	1°24	W16
T 17	3 42 56	24°21'01	17°20	26°13	8°32	19°29	18° 7	6°32	15°21	28°47	4°12	13° 5	13°38	21° 0	1°21	T 17
F 18	3 46 53	25°21'35	1♑41	24°52	9°25	20° 2	18°20	6°R32	15°25	28°46	4°11	12°57	13°35	21° 7	1°19	F 18
S 19	3 50 49	26°22'11	15°32	23°32	10°18	20°36	18°34	6°32	15°28	28°44	4°10	12°52	13°32	21°14	1°16	S 19
S 20	3 54 46	27°22'47	28°55	22°15	11°12	21° 9	18°47	6°32	15°31	28°42	4° 9	12°49	13°28	21°20	1°13	S 20
M21	3 58 42	28°23'26	11♒50	21° 5	12° 7	21°42	19° 0	6°32	15°34	28°40	4° 8	12°D49	13°25	21°27	1°10	M21
T 22	4 2 39	29°24'05	24°22	20° 3	13° 2	22°16	19°13	6°31	15°37	28°39	4° 7	12°R49	13°22	21°34	1° 7	T 22
W23	4 6 35	0♐24'45	6♓35	19°10	13°58	22°49	19°26	6°31	15°40	28°37	4° 6	12°49	13°19	21°40	1° 4	W23
T 24	4 10 32	1°25'26	18°36	18°29	14°54	23°22	19°39	6°30	15°43	28°35	4° 5	12°47	13°16	21°47	1° 0	T 24
F 25	4 14 29	2°26'09	0♈29	17°59	15°51	23°54	19°52	6°29	15°46	28°34	4° 3	12°43	13°13	21°54	0°57	F 25
S 26	4 18 25	3°26'52	12°19	17°41	16°49	24°27	20° 6	6°29	15°48	28°32	4° 2	12°37	13° 9	22° 1	0°54	S 26
S 27	4 22 22	4°27'37	24°10	17°D35	17°47	25° 0	20°19	6°28	15°51	28°30	4° 1	12°28	13° 6	22° 7	0°51	S 27
M28	4 26 18	5°28'23	6♉ 6	17°39	18°46	25°32	20°32	6°26	15°54	28°29	4° 0	12°17	13° 3	22°14	0°47	M28
T 29	4 30 15	6°29'10	18° 8	17°53	19°45	26° 5	20°45	6°25	15°57	28°27	3°59	12° 4	13° 0	22°21	0°44	T 29
W30	4 34 11	7♐29'58	0♊18	18♏16	20♎45	26♍37	20♏58	6♌24	16♎ 0	28♉25	3♊58	11♌51	12♌57	22♈27	0♋40	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s16	9n55	4s58	23s17	2s54	0n16	1s13	9n 8	1n33	15s22	0n54	19n 2	0n19	5s 7	0n38	18n17	1s45	8n45	12s30	16n20	16n30	3n13	17n 6	6s20
W 2	14 35	13 20	4 57	23 23	2 52	0 11	1 3	8 55	1 33	15 26	0 53	19 1	0 19	5 8	0 38	18 17	1 45	8 45	12 30	16 24	16 31	3 15	17 6	6 21
T 3	14 54	16 14	4 44	23 27	2 49	0 5	0 53	8 42	1 34	15 30	0 53	19 1	0 19	5 9	0 38	18 17	1 45	8 44	12 30	16 28	16 32	3 17	17 5	6 21
F 4	15 13	18 26	4 16	23 29	2 45	0s 2	0 43	8 29	1 35	15 34	0 53	19 1	0 20	5 11	0 38	18 16	1 45	8 44	12 30	16 32	16 33	3 19	17 5	6 22
S 5	15 32	19 49	3 37	23 28	2 40	0 10	0 34	8 16	1 35	15 38	0 53	19 0	0 20	5 12	0 38	18 16	1 45	8 44	12 30	16 34	16 33	3 22	17 4	6 22
S 6	15 50	20 15	2 46	23 24	2 34	0 18	0 25	8 4	1 36	15 42	0 53	19 0	0 20	5 13	0 38	18 16	1 45	8 44	12 31	16 36	16 34	3 24	17 4	6 23
M 7	16 8	19 40	1 46	23 18	2 26	0 27	0 17	7 51	1 36	15 46	0 53	19 0	0 20	5 15	0 38	18 15	1 45	8 43	12 31	16 37	16 35	3 26	17 3	6 23
T 8	16 26	18 0	0 40	23 8	2 17	0 37	0 8	7 38	1 37	15 50	0 53	19 0	0 20	5 16	0 38	18 15	1 45	8 43	12 31	16 37	16 36	3 28	17 3	6 24
W 9	16 43	15 20	0n31	22 55	2 6	0 47	0n 0	7 25	1 37	15 53	0 53	19 0	0 20	5 17	0 38	18 14	1 45	8 43	12 31	16 37	16 37	3 30	17 2	6 24
T 10	17 0	11 44	1 42	22 39	1 54	0 58	0 8	7 13	1 38	15 57	0 53	19 0	0 20	5 19	0 38	18 14	1 45	8 43	12 31	16 37	16 38	3 32	17 2	6 25
F 11	17 17	7 23	2 48	22 19	1 40	1 10	0 16	7 0	1 38	16 1	0 53	19 0	0 21	5 20	0 39	18 14	1 45	8 42	12 31	16 38	16 39	3 35	17 1	6 25
S 12	17 34	2 30	3 46	21 55	1 25	1 22	0 24	6 47	1 39	16 5	0 53	18 59	0 21	5 21	0 39	18 13	1 45	8 42	12 31	16 39	16 40	3 37	17 1	6 26
S 13	17 50	2s39	4 29	21 28	1 8	1 34	0 31	6 34	1 39	16 9	0 53	18 59	0 21	5 22	0 39	18 13	1 45	8 42	12 31	16 41	16 41	3 39	17 0	6 26
M14	18 6	7 42	4 55	20 57	0 49	1 47	0 38	6 21	1 40	16 12	0 53	18 59	0 21	5 24	0 39	18 13	1 45	8 42	12 31	16 44	16 42	3 41	17 0	6 27
T 15	18 22	12 17	5 0	20 23	0 30	2 1	0 45	6 9	1 40	16 16	0 53	18 59	0 21	5 25	0 39	18 12	1 45	8 42	12 31	16 48	16 43	3 43	17 0	6 27
W16	18 37	16 3	4 44	19 47	0 9	2 15	0 52	5 56	1 41	16 20	0 53	19 0	0 21	5 26	0 39	18 12	1 45	8 41	12 31	16 51	16 44	3 45	16 59	6 28
T 17	18 52	18 43	4 9	19 8	0n11	2 30	0 58	5 43	1 41	16 24	0 53	19 0	0 21	5 27	0 39	18 11	1 45	8 41	12 31	16 54	16 44	3 48	16 59	6 28
F 18	19 7	20 7	3 19	18 29	0 32	2 45	1 4	5 30	1 42	16 27	0 53	19 0	0 21	5 29	0 39	18 11	1 45	8 41	12 31	16 56	16 45	3 50	16 58	6 29
S 19	19 21	20 15	2 19	17 50	0 52	3 0	1 11	5 18	1 42	16 31	0 53	19 0	0 22	5 30	0 39	18 11	1 45	8 41	12 31	16 58	16 46	3 52	16 58	6 29
S 20	19 35	19 12	1 13	17 12	1 10	3 16	1 16	5 5	1 43	16 35	0 53	19 0	0 22	5 31	0 39	18 10	1 45	8 41	12 31	16 58	16 47	3 54	16 57	6 29
M21	19 49	17 10	0 5	16 38	1 28	3 32	1 22	4 53	1 43	16 38	0 53	19 0	0 22	5 32	0 39	18 10	1 45	8 40	12 31	16 59	16 48	3 56	16 57	6 30
T 22	20 2	14 22	1s 1	16 6	1 43	3 48	1 27	4 40	1 44	16 42	0 52	19 1	0 22	5 33	0 39	18 10	1 45	8 40	12 31	16 58	16 49	3 58	16 57	6 30
W23	20 15	11 0	2 3	15 39	1 57	4 5	1 33	4 27	1 45	16 45	0 52	19 1	0 22	5 34	0 39	18 9	1 45	8 40	12 31	16 59	16 50	4 1	16 56	6 31
T 24	20 27	7 14	2 58	15 17	2 8	4 22	1 38	4 15	1 45	16 49	0 52	19 1	0 22	5 35	0 39	18 9	1 45	8 40	12 31	16 59	16 51	4 3	16 56	6 31
F 25	20 40	3 14	3 45	15 0	2 17	4 40	1 42	4 2	1 46	16 53	0 52	19 1	0 22	5 37	0 39	18 9	1 45	8 40	12 31	17 0	16 52	4 5	16 56	6 31
S 26	20 51	0n51	4 21	14 48	2 25	4 58	1 47	3 50	1 46	16 56	0 52	19 2	0 23	5 38	0 39	18 8	1 45	8 39	12 31	17 2	16 53	4 7	16 55	6 32
S 27	21 3	4 56	4 47	14 41	2 30	5 16	1 52	3 37	1 47	17 0	0 52	19 2	0 23	5 39	0 39	18 8	1 45	8 39	12 31	17 4	16 54	4 9	16 55	6 32
M28	21 14	8 50	5 0	14 39	2 34	5 34	1 56	3 25	1 47	17 3	0 52	19 2	0 23	5 40	0 39	18 7	1 45	8 39	12 31	17 7	16 54	4 12	16 55	6 32
T 29	21 24	12 25	5 0	14 41	2 35	5 53	2 0	3 12	1 48	17 6	0 52	19 3	0 23	5 41	0 39	18 7	1 45	8 39	12 31	17 11	16 55	4 14	16 54	6 33
W30	21s34	15n33	4s47	14s47	2n36	6s12	2n 4	3n 0	1n48	17s10	0n52	19n 3	0n23	5s42	0n39	18n 7	1s45	8n39	12s31	17n15	16n56	4n16	16n54	6s33

Julian Day Number = 2410576.5, Delta T = -4.02 sec
Ecliptic obliquity = 23°27'08, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°10'26, Lahiri = 22°17'26

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ASTRODIENST EPHEMERIS for the year 1887
geocentric

DECEMBER 1887 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 38 8	8♐30'47	12♊37	18♏48	21♎45	27♍ 9	21♏11	6°R23	16♎ 2	28°R24	3°R57	11°R39	12♌53	22♈34	0°R37	T 1
F 2	4 42 4	9°31'37	25° 5	19°28	22°45	27°41	21°24	6♌21	16° 5	28♉22	3♊55	11♌29	12°50	22°41	0♋33	F 2
S 3	4 46 1	10°32'29	7♋44	20°14	23°46	28°13	21°36	6°20	16° 7	28°20	3°54	11°22	12°47	22°48	0°30	S 3
S 4	4 49 58	11°33'22	20°33	21° 6	24°48	28°45	21°49	6°18	16°10	28°19	3°53	11°17	12°44	22°54	0°26	S 4
M 5	4 53 54	12°34'16	3♌33	22° 3	25°50	29°17	22° 2	6°16	16°12	28°17	3°52	11°15	12°41	23° 1	0°23	M 5
T 6	4 57 51	13°35'11	16°45	23° 4	26°52	29°49	22°15	6°14	16°15	28°15	3°51	11°D15	12°38	23° 8	0°19	T 6
W 7	5 1 47	14°36'08	0♍12	24°10	27°54	0♎20	22°28	6°12	16°17	28°14	3°50	11°16	12°34	23°14	0°15	W 7
T 8	5 5 44	15°37'05	13°55	25°19	28°57	0°52	22°40	6°10	16°20	28°12	3°49	11°R16	12°31	23°21	0°11	T 8
F 9	5 9 40	16°38'04	27°54	26°31	0♏ 1	1°23	22°53	6° 8	16°22	28°11	3°48	11°16	12°28	23°28	0° 8	F 9
S 10	5 13 37	17°39'04	12♎11	27°45	1° 4	1°54	23° 6	6° 5	16°24	28° 9	3°47	11°13	12°25	23°35	0° 4	S 10
S 11	5 17 33	18°40'05	26°41	29° 2	2° 8	2°25	23°18	6° 3	16°27	28° 7	3°45	11° 8	12°22	23°41	0° 0	S 11
M12	5 21 30	19°41'08	11♏23	0♐21	3°13	2°56	23°31	6° 0	16°29	28° 6	3°44	11° 1	12°19	23°48	29♊56	M12
T 13	5 25 27	20°42'11	26° 8	1°41	4°17	3°27	23°44	5°58	16°31	28° 4	3°43	10°53	12°15	23°55	29°52	T 13
W14	5 29 23	21°43'16	10♐50	3° 3	5°22	3°57	23°56	5°55	16°33	28° 3	3°42	10°45	12°12	24° 1	29°48	W14
T 15	5 33 20	22°44'21	25°20	4°26	6°27	4°28	24° 9	5°52	16°35	28° 1	3°41	10°37	12° 9	24° 8	29°45	T 15
F 16	5 37 16	23°45'26	9♑31	5°50	7°33	4°58	24°21	5°49	16°37	28° 0	3°40	10°32	12° 6	24°15	29°41	F 16
S 17	5 41 13	24°46'33	23°20	7°15	8°39	5°28	24°33	5°46	16°39	27°58	3°39	10°28	12° 3	24°22	29°37	S 17
S 18	5 45 9	25°47'40	6♒43	8°41	9°45	5°58	24°46	5°43	16°41	27°57	3°38	10°D27	11°59	24°28	29°33	S 18
M19	5 49 6	26°48'47	19°42	10° 8	10°51	6°28	24°58	5°40	16°43	27°55	3°37	10°27	11°56	24°35	29°29	M19
T 20	5 53 3	27°49'54	2♓18	11°35	11°57	6°58	25°10	5°37	16°45	27°54	3°36	10°28	11°53	24°42	29°25	T 20
W21	5 56 59	28°51'01	14°36	13° 3	13° 4	7°27	25°22	5°33	16°47	27°52	3°35	10°30	11°50	24°48	29°21	W21
T 22	6 0 56	29°52'09	26°40	14°32	14°11	7°56	25°34	5°30	16°48	27°51	3°34	10°R31	11°47	24°55	29°17	T 22
F 23	6 4 52	0♈53'17	8♈35	16° 1	15°18	8°26	25°46	5°26	16°50	27°50	3°33	10°30	11°44	25° 2	29°13	F 23
S 24	6 8 49	1°54'25	20°27	17°30	16°25	8°55	25°58	5°23	16°52	27°48	3°32	10°28	11°40	25° 9	29° 9	S 24
S 25	6 12 45	2°55'33	2♉19	19° 0	17°33	9°23	26°10	5°19	16°53	27°47	3°31	10°25	11°37	25°15	29° 5	S 25
M26	6 16 42	3°56'41	14°17	20°30	18°41	9°52	26°22	5°15	16°55	27°46	3°30	10°19	11°34	25°22	29° 1	M26
T 27	6 20 38	4°57'49	26°23	22° 1	19°49	10°20	26°34	5°11	16°56	27°44	3°29	10°13	11°31	25°29	28°57	T 27
W28	6 24 35	5°58'57	8♊41	23°32	20°57	10°49	26°45	5° 7	16°58	27°43	3°28	10° 7	11°28	25°35	28°53	W28
T 29	6 28 32	7° 0'06	21°12	25° 3	22° 5	11°17	26°57	5° 3	16°59	27°42	3°27	10° 0	11°25	25°42	28°49	T 29
F 30	6 32 28	8° 1'14	3♋57	26°35	23°14	11°45	27° 9	4°59	17° 0	27°41	3°26	9°55	11°21	25°49	28°45	F 30
S 31	6 36 25	9♑ 2'23	16♋55	28♐ 7	24♏22	12♎12	27♏20	4♌55	17♎ 1	27♉40	3♊25	9♌52	11♌18	25♈56	28♊41	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s44	18n 2	4s20	14s56	2n35	6s31	2n 7	2n48	1n49	17s13	0n52	19n 4	0n23	5s43	0n39	18n 6	1s45	8n39	12s31	17n18	16n57	4n18	16n54	6s33
F 2	21 53	19 42	3 40	15 9	2 33	6 50	2 11	2 36	1 49	17 17	0 52	19 4	0 23	5 44	0 39	18 6	1 45	8 39	12 31	17 21	16 58	4 20	16 53	6 34
S 3	22 2	20 25	2 49	15 24	2 30	7 9	2 14	2 23	1 50	17 20	0 52	19 5	0 24	5 45	0 39	18 6	1 45	8 38	12 31	17 23	16 59	4 22	16 53	6 34
S 4	22 11	20 6	1 48	15 41	2 26	7 29	2 17	2 11	1 51	17 23	0 52	19 5	0 24	5 46	0 39	18 5	1 45	8 38	12 30	17 24	17 0	4 25	16 53	6 34
M 5	22 19	18 42	0 41	16 0	2 22	7 48	2 20	1 59	1 51	17 27	0 52	19 6	0 24	5 47	0 39	18 5	1 45	8 38	12 30	17 25	17 1	4 27	16 52	6 35
T 6	22 27	16 17	0n29	16 21	2 16	8 8	2 23	1 47	1 52	17 30	0 52	19 7	0 24	5 48	0 39	18 5	1 45	8 38	12 30	17 25	17 2	4 29	16 52	6 35
W 7	22 34	12 58	1 40	16 43	2 11	8 28	2 26	1 35	1 52	17 33	0 52	19 7	0 24	5 49	0 39	18 4	1 45	8 38	12 30	17 24	17 3	4 31	16 52	6 35
T 8	22 41	8 53	2 46	17 5	2 5	8 48	2 28	1 23	1 53	17 36	0 52	19 8	0 24	5 49	0 39	18 4	1 45	8 38	12 30	17 24	17 3	4 33	16 52	6 35
F 9	22 47	4 15	3 43	17 28	1 58	9 8	2 30	1 11	1 53	17 40	0 52	19 9	0 24	5 50	0 39	18 4	1 45	8 38	12 30	17 24	17 4	4 36	16 51	6 36
S 10	22 53	0s42	4 28	17 52	1 51	9 28	2 32	0 59	1 54	17 43	0 52	19 9	0 25	5 51	0 39	18 3	1 45	8 38	12 30	17 25	17 5	4 38	16 51	6 36
S 11	22 58	5 41	4 57	18 15	1 44	9 48	2 34	0 47	1 54	17 46	0 52	19 10	0 25	5 52	0 39	18 3	1 45	8 38	12 30	17 27	17 6	4 40	16 51	6 36
M12	23 3	10 24	5 6	18 39	1 37	10 8	2 36	0 36	1 55	17 49	0 52	19 11	0 25	5 53	0 39	18 3	1 45	8 37	12 30	17 28	17 7	4 42	16 51	6 36
T 13	23 8	14 30	4 56	19 3	1 30	10 29	2 38	0 24	1 56	17 52	0 52	19 12	0 25	5 54	0 39	18 2	1 45	8 37	12 30	17 31	17 8	4 44	16 51	6 37
W14	23 12	17 42	4 26	19 26	1 22	10 49	2 39	0 12	1 56	17 55	0 52	19 13	0 25	5 54	0 39	18 2	1 45	8 37	12 30	17 33	17 9	4 46	16 50	6 37
T 15	23 15	19 44	3 39	19 49	1 15	11 9	2 41	0 1	1 57	17 58	0 52	19 13	0 25	5 55	0 39	18 2	1 45	8 37	12 29	17 35	17 10	4 49	16 50	6 37
F 16	23 18	20 28	2 39	20 12	1 7	11 29	2 42	0s11	1 57	18 1	0 52	19 14	0 25	5 56	0 39	18 1	1 45	8 37	12 29	17 36	17 11	4 51	16 50	6 37
S 17	23 21	19 56	1 31	20 34	0 59	11 49	2 43	0 22	1 58	18 4	0 52	19 15	0 26	5 57	0 39	18 1	1 45	8 37	12 29	17 37	17 11	4 53	16 50	6 37
S 18	23 23	18 17	0 20	20 55	0 51	12 9	2 44	0 34	1 58	18 7	0 52	19 16	0 26	5 57	0 39	18 1	1 45	8 37	12 29	17 38	17 12	4 55	16 50	6 37
M19	23 25	15 42	0s50	21 16	0 44	12 29	2 44	0 45	1 59	18 10	0 52	19 17	0 26	5 58	0 39	18 1	1 44	8 37	12 29	17 38	17 13	4 57	16 50	6 37
T 20	23 26	12 27	1 56	21 35	0 36	12 49	2 45	0 56	2 0	18 13	0 52	19 18	0 26	5 59	0 39	18 0	1 44	8 37	12 29	17 37	17 14	5 0	16 49	6 38
W21	23 27	8 45	2 55	21 54	0 28	13 8	2 46	1 7	2 0	18 16	0 52	19 19	0 26	5 59	0 39	18 0	1 44	8 37	12 29	17 37	17 15	5 2	16 49	6 38
T 22	23 27	4 45	3 44	22 13	0 21	13 28	2 46	1 18	2 1	18 19	0 52	19 20	0 26	6 0	0 39	18 0	1 44	8 37	12 28	17 37	17 16	5 4	16 49	6 38
F 23	23 27	0 38	4 24	22 30	0 13	13 47	2 46	1 29	2 1	18 22	0 52	19 21	0 26	6 1	0 39	18 0	1 44	8 37	12 28	17 37	17 17	5 6	16 49	6 38
S 24	23 26	3n29	4 52	22 46	0 6	14 6	2 46	1 40	2 2	18 25	0 52	19 22	0 26	6 1	0 39	17 59	1 44	8 37	12 28	17 37	17 18	5 8	16 49	6 38
S 25	23 25	7 28	5 8	23 1	0s 1	14 25	2 46	1 51	2 3	18 27	0 52	19 23	0 27	6 2	0 40	17 59	1 44	8 37	12 28	17 38	17 19	5 11	16 49	6 38
M26	23 24	11 12	5 10	23 15	0 8	14 44	2 46	2 1	2 3	18 30	0 52	19 24	0 27	6 2	0 40	17 59	1 44	8 37	12 28	17 40	17 19	5 13	16 49	6 38
T 27	23 22	14 31	4 58	23 28	0 15	15 3	2 45	2 12	2 4	18 33	0 52	19 25	0 27	6 3	0 40	17 58	1 44	8 37	12 28	17 41	17 20	5 15	16 49	6 38
W28	23 19	17 16	4 33	23 40	0 22	15 21	2 45	2 23	2 4	18 35	0 52	19 26	0 27	6 3	0 40	17 58	1 44	8 37	12 27	17 43	17 21	5 17	16 49	6 38
T 29	23 16	19 16	3 55	23 51	0 29	15 39	2 44	2 33	2 5	18 38	0 52	19 27	0 27	6 4	0 40	17 58	1 44	8 37	12 27	17 45	17 22	5 19	16 49	6 38
F 30	23 13	20 20	3 4	24 0	0 36	15 57	2 44	2 43	2 5	18 41	0 52	19 28	0 27	6 4	0 40	17 58	1 44	8 37	12 27	17 46	17 23	5 21	16 49	6 38
S 31	23s 9	20n22	2s 2	24s 9	0s42	16s14	2n43	2s54	2n 6	18s43	0n53	19n29	0n27	6s 5	0n40	17n58	1s44	8n37	12s27	17n47	17n24	5n24	16n49	6s38

Julian Day Number = 2410606.5, Delta T = -4.01 sec
Ecliptic obliquity = 23°27'07, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°10'30, Lahiri = 22°17'30

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1888
geocentric

JANUARY 1888 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 40 21	10♑ 3'32	0♌ 6	29♐39	25♏31	12♎40	27♏31	4°R51	17♎ 3	27°R38	3°R24	9°R50	11♌15	26♈ 2	28°R38	S 1
M 2	6 44 18	11° 4'40	13°30	1♑12	26°40	13° 7	27°43	4♌47	17° 4	27♉37	3♊23	9°D50	11°12	26° 9	28♊34	M 2
T 3	6 48 14	12° 5'49	27° 5	2°45	27°49	13°34	27°54	4°42	17° 5	27°36	3°23	9♌50	11° 9	26°16	28°30	T 3
W 4	6 52 11	13° 6'58	10♍50	4°18	28°59	14° 1	28° 5	4°38	17° 6	27°35	3°22	9°52	11° 5	26°22	28°26	W 4
T 5	6 56 7	14° 8'07	24°44	5°52	0♐ 8	14°28	28°16	4°34	17° 7	27°34	3°21	9°53	11° 2	26°29	28°22	T 5
F 6	7 0 4	15° 9'17	8♎46	7°26	1°18	14°54	28°27	4°29	17° 8	27°33	3°20	9°R54	10°59	26°36	28°19	F 6
S 7	7 4 1	16°10'26	22°55	9° 1	2°28	15°21	28°38	4°25	17° 9	27°32	3°19	9°54	10°56	26°43	28°15	S 7
S 8	7 7 57	17°11'36	7♏ 9	10°35	3°37	15°47	28°49	4°20	17° 9	27°31	3°19	9°53	10°53	26°49	28°11	S 8
M 9	7 11 54	18°12'45	21°26	12°11	4°47	16°12	29° 0	4°15	17°10	27°30	3°18	9°51	10°50	26°56	28° 7	M 9
T 10	7 15 50	19°13'55	5♐43	13°47	5°58	16°38	29°11	4°11	17°11	27°29	3°17	9°48	10°46	27° 3	28° 4	T 10
W11	7 19 47	20°15'05	19°54	15°23	7° 8	17° 3	29°21	4° 6	17°12	27°28	3°16	9°45	10°43	27°10	28° 0	W11
T 12	7 23 43	21°16'15	3♑56	17° 0	8°18	17°28	29°32	4° 1	17°12	27°27	3°16	9°43	10°40	27°16	27°57	T 12
F 13	7 27 40	22°17'24	17°45	18°37	9°29	17°53	29°42	3°57	17°13	27°26	3°15	9°41	10°37	27°23	27°53	F 13
S 14	7 31 36	23°18'33	1♒17	20°14	10°39	18°17	29°53	3°52	17°13	27°26	3°14	9°40	10°34	27°30	27°50	S 14
S 15	7 35 33	24°19'41	14°30	21°53	11°50	18°41	0♐ 3	3°47	17°14	27°25	3°13	9°D40	10°31	27°36	27°46	S 15
M16	7 39 30	25°20'49	27°24	23°31	13° 1	19° 5	0°13	3°42	17°14	27°24	3°13	9°40	10°27	27°43	27°43	M16
T 17	7 43 26	26°21'56	10♓ 0	25°10	14°12	19°29	0°23	3°37	17°14	27°23	3°12	9°41	10°24	27°50	27°40	T 17
W18	7 47 23	27°23'02	22°19	26°50	15°23	19°52	0°33	3°32	17°14	27°23	3°12	9°43	10°21	27°57	27°36	W18
T 19	7 51 19	28°24'07	4♈26	28°30	16°34	20°15	0°43	3°28	17°15	27°22	3°11	9°44	10°18	28° 3	27°33	T 19
F 20	7 55 16	29°25'11	16°23	0♒11	17°45	20°38	0°52	3°23	17°15	27°21	3°10	9°45	10°15	28°10	27°30	F 20
S 21	7 59 12	0♒26'15	28°16	1°53	18°56	21° 1	1° 2	3°18	17°15	27°21	3°10	9°R45	10°11	28°17	27°27	S 21
S 22	8 3 9	1°27'17	10♉ 8	3°35	20° 7	21°23	1°11	3°13	17°R15	27°20	3° 9	9°45	10° 8	28°23	27°24	S 22
M23	8 7 5	2°28'19	22° 6	5°17	21°19	21°44	1°21	3° 8	17°15	27°20	3° 9	9°44	10° 5	28°30	27°21	M23
T 24	8 11 2	3°29'19	4♊14	7° 0	22°30	22° 6	1°30	3° 3	17°15	27°19	3° 8	9°44	10° 2	28°37	27°18	T 24
W25	8 14 59	4°30'19	16°34	8°44	23°42	22°27	1°39	2°58	17°15	27°19	3° 8	9°43	9°59	28°44	27°15	W25
T 26	8 18 55	5°31'17	29°11	10°28	24°53	22°48	1°48	2°53	17°14	27°18	3° 7	9°42	9°56	28°50	27°12	T 26
F 27	8 22 52	6°32'14	12♋ 7	12°13	26° 5	23° 8	1°57	2°48	17°14	27°18	3° 7	9°42	9°52	28°57	27° 9	F 27
S 28	8 26 48	7°33'11	25°22	13°58	27°17	23°28	2° 6	2°43	17°14	27°18	3° 7	9°42	9°49	29° 4	27° 7	S 28
S 29	8 30 45	8°34'06	8♌56	15°43	28°29	23°48	2°15	2°38	17°13	27°17	3° 6	9°D42	9°46	29°11	27° 4	S 29
M30	8 34 41	9°35'00	22°46	17°29	29°40	24° 7	2°23	2°33	17°13	27°17	3° 6	9°R42	9°43	29°17	27° 1	M30
T 31	8 38 38	10♒35'53	6♍50	19♒15	0♑52	24♎26	2♐32	2♌29	17♎13	27♉17	3♊ 5	9♌42	9♌40	29♈24	26♊59	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 4	19n16	0s53	24s16	0s49	16s32	2n42	3s 4	2n 7	18s46	0n53	19n30	0n28	6s 5	0n40	17n57	1s44	8n37	12s27	17n48	17n25	5n26	16n49	6s38
M 2	22 59	17 6	0n20	24 21	0 55	16 49	2 41	3 14	2 7	18 48	0 53	19 32	0 28	6 6	0 40	17 57	1 44	8 37	12 26	17 48	17 26	5 28	16 49	6 38
T 3	22 54	13 57	1 33	24 26	1 1	17 5	2 40	3 24	2 8	18 51	0 53	19 33	0 28	6 6	0 40	17 57	1 44	8 37	12 26	17 48	17 26	5 30	16 49	6 38
W 4	22 48	10 0	2 42	24 29	1 6	17 22	2 39	3 34	2 8	18 53	0 53	19 34	0 28	6 6	0 40	17 57	1 44	8 37	12 26	17 47	17 27	5 32	16 49	6 38
T 5	22 42	5 30	3 42	24 31	1 12	17 38	2 37	3 43	2 9	18 56	0 53	19 35	0 28	6 7	0 40	17 57	1 44	8 37	12 26	17 47	17 28	5 35	16 49	6 38
F 6	22 35	0 39	4 29	24 32	1 17	17 53	2 36	3 53	2 10	18 58	0 53	19 36	0 28	6 7	0 40	17 56	1 44	8 37	12 26	17 47	17 29	5 37	16 49	6 38
S 7	22 28	4s15	5 1	24 31	1 22	18 8	2 34	4 2	2 10	19 1	0 53	19 38	0 28	6 7	0 40	17 56	1 44	8 37	12 25	17 47	17 30	5 39	16 49	6 38
S 8	22 21	8 57	5 14	24 29	1 27	18 23	2 33	4 12	2 11	19 3	0 53	19 39	0 28	6 8	0 40	17 56	1 44	8 37	12 25	17 47	17 31	5 41	16 49	6 38
M 9	22 13	13 10	5 8	24 25	1 32	18 38	2 31	4 21	2 12	19 5	0 53	19 40	0 29	6 8	0 40	17 56	1 44	8 37	12 25	17 47	17 32	5 43	16 49	6 38
T 10	22 4	16 37	4 43	24 20	1 36	18 52	2 29	4 30	2 12	19 7	0 53	19 41	0 29	6 8	0 40	17 56	1 44	8 38	12 25	17 48	17 32	5 46	16 49	6 37
W11	21 55	19 4	4 1	24 13	1 40	19 6	2 27	4 39	2 13	19 10	0 53	19 42	0 29	6 8	0 40	17 56	1 43	8 38	12 25	17 49	17 33	5 48	16 49	6 37
T 12	21 46	20 19	3 5	24 6	1 44	19 19	2 25	4 48	2 13	19 12	0 53	19 44	0 29	6 9	0 40	17 55	1 43	8 38	12 24	17 50	17 34	5 50	16 49	6 37
F 13	21 36	20 19	1 58	23 56	1 48	19 31	2 23	4 57	2 14	19 14	0 53	19 45	0 29	6 9	0 40	17 55	1 43	8 38	12 24	17 50	17 35	5 52	16 49	6 37
S 14	21 26	19 8	0 46	23 45	1 51	19 44	2 21	5 6	2 15	19 16	0 53	19 46	0 29	6 9	0 40	17 55	1 43	8 38	12 24	17 50	17 36	5 54	16 49	6 37
S 15	21 16	16 55	0s27	23 33	1 54	19 56	2 19	5 15	2 15	19 18	0 53	19 47	0 29	6 9	0 40	17 55	1 43	8 38	12 24	17 50	17 37	5 56	16 49	6 37
M16	21 5	13 53	1 37	23 19	1 57	20 7	2 16	5 23	2 16	19 20	0 53	19 49	0 29	6 9	0 40	17 55	1 43	8 38	12 23	17 50	17 38	5 59	16 49	6 36
T 17	20 53	10 18	2 40	23 4	1 59	20 18	2 14	5 31	2 16	19 22	0 53	19 50	0 29	6 9	0 40	17 55	1 43	8 38	12 23	17 50	17 39	6 1	16 50	6 36
W18	20 42	6 20	3 35	22 47	2 1	20 28	2 12	5 40	2 17	19 24	0 53	19 51	0 30	6 9	0 40	17 55	1 43	8 38	12 23	17 50	17 39	6 3	16 50	6 36
T 19	20 30	2 12	4 19	22 28	2 3	20 38	2 9	5 48	2 18	19 26	0 53	19 52	0 30	6 9	0 40	17 55	1 43	8 39	12 23	17 49	17 40	6 5	16 50	6 36
F 20	20 17	1n58	4 51	22 8	2 4	20 47	2 6	5 56	2 18	19 28	0 53	19 54	0 30	6 9	0 40	17 55	1 43	8 39	12 22	17 49	17 41	6 7	16 50	6 36
S 21	20 4	6 1	5 11	21 47	2 5	20 56	2 4	6 3	2 19	19 30	0 53	19 55	0 30	6 9	0 40	17 54	1 43	8 39	12 22	17 49	17 42	6 10	16 50	6 35
S 22	19 51	9 51	5 17	21 23	2 5	21 4	2 1	6 11	2 20	19 32	0 54	19 56	0 30	6 9	0 40	17 54	1 43	8 39	12 22	17 49	17 43	6 12	16 50	6 35
M23	19 37	13 19	5 10	20 59	2 5	21 12	1 58	6 19	2 20	19 34	0 54	19 57	0 30	6 9	0 40	17 54	1 43	8 39	12 22	17 49	17 44	6 14	16 51	6 35
T 24	19 23	16 16	4 49	20 32	2 5	21 19	1 56	6 26	2 21	19 36	0 54	19 59	0 30	6 9	0 40	17 54	1 43	8 39	12 21	17 49	17 45	6 16	16 51	6 35
W25	19 9	18 34	4 14	20 5	2 4	21 26	1 53	6 33	2 21	19 38	0 54	20 0	0 30	6 9	0 41	17 54	1 43	8 40	12 21	17 50	17 45	6 18	16 51	6 34
T 26	18 54	20 1	3 26	19 35	2 3	21 31	1 50	6 40	2 22	19 39	0 54	20 1	0 30	6 9	0 41	17 54	1 43	8 40	12 21	17 50	17 46	6 21	16 51	6 34
F 27	18 39	20 27	2 27	19 4	2 1	21 37	1 47	6 47	2 23	19 41	0 54	20 2	0 31	6 9	0 41	17 54	1 43	8 40	12 21	17 50	17 47	6 23	16 51	6 34
S 28	18 24	19 47	1 19	18 32	1 58	21 42	1 44	6 54	2 23	19 43	0 54	20 4	0 31	6 9	0 41	17 54	1 42	8 40	12 20	17 50	17 48	6 25	16 52	6 34
S 29	18 8	17 58	0 4	17 58	1 55	21 46	1 41	7 1	2 24	19 44	0 54	20 5	0 31	6 9	0 41	17 54	1 42	8 40	12 20	17 50	17 49	6 27	16 52	6 33
M30	17 52	15 4	1n12	17 23	1 52	21 49	1 38	7 7	2 24	19 46	0 54	20 6	0 31	6 8	0 41	17 54	1 42	8 41	12 20	17 50	17 50	6 29	16 52	6 33
T 31	17s35	11n15	2n25	16s46	1s48	21s52	1n35	7s14	2n25	19s48	0n54	20n 7	0n31	6s 8	0n41	17n54	1s42	8n41	12s19	17n50	17n50	6n31	16n52	6s33

Julian Day Number = 2410637.5, Delta T = -4.00 sec
Ecliptic obliquity = 23°27'07, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°10'34, Lahiri = 22°17'35

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ASTRODIENST EPHEMERIS for the year 1888
geocentric

FEBRUARY 1888 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 42 34	11♒36'46	21♍ 3	21♒ 1	2♉ 4	24♎45	2♐40	2°R24	17°R12	27°R17	3°R 5	9°R41	9♌37	29♈31	26°R57	W 1
T 2	8 46 31	12°37'37	5♎22	22°47	3°16	25° 3	2°48	2♌19	17♎11	27♉16	3♊ 5	9♌41	9°33	29°37	26♊54	T 2
F 3	8 50 28	13°38'27	19°41	24°33	4°29	25°21	2°56	2°14	17°11	27°16	3° 4	9°41	9°30	29°44	26°52	F 3
S 4	8 54 24	14°39'17	3♏59	26°18	5°41	25°38	3° 4	2° 9	17°10	27°16	3° 4	9°41	9°27	29°51	26°50	S 4
S 5	8 58 21	15°40'06	18°10	28° 3	6°53	25°55	3°12	2° 5	17° 9	27°16	3° 4	9°D40	9°24	29°58	26°48	S 5
M 6	9 2 17	16°40'54	2♐14	29°47	8° 5	26°12	3°20	2° 0	17° 9	27°16	3° 4	9°41	9°21	0♉ 4	26°45	M 6
T 7	9 6 14	17°41'41	16° 9	1♓30	9°18	26°28	3°27	1°55	17° 8	27°D16	3° 3	9°41	9°17	0°11	26°43	T 7
W 8	9 10 10	18°42'27	29°53	3°12	10°30	26°43	3°35	1°51	17° 7	27°16	3° 3	9°42	9°14	0°18	26°42	W 8
T 9	9 14 7	19°43'12	13♑26	4°51	11°42	26°58	3°42	1°46	17° 6	27°16	3° 3	9°43	9°11	0°24	26°40	T 9
F 10	9 18 3	20°43'56	26°47	6°29	12°55	27°13	3°49	1°42	17° 5	27°16	3° 3	9°44	9° 8	0°31	26°38	F 10
S 11	9 22 0	21°44'38	9♒55	8° 3	14° 8	27°27	3°56	1°37	17° 4	27°16	3° 3	9°R44	9° 5	0°38	26°36	S 11
S 12	9 25 57	22°45'19	22°49	9°34	15°20	27°41	4° 3	1°33	17° 3	27°17	3° 3	9°44	9° 2	0°45	26°35	S 12
M13	9 29 53	23°45'59	5♓30	11° 0	16°33	27°54	4°10	1°28	17° 1	27°17	3° 3	9°42	8°58	0°51	26°33	M13
T 14	9 33 50	24°46'37	17°57	12°23	17°45	28° 6	4°16	1°24	17° 0	27°17	3° 3	9°41	8°55	0°58	26°32	T 14
W15	9 37 46	25°47'14	0♈12	13°39	18°58	28°19	4°23	1°20	16°59	27°17	3° 3	9°38	8°52	1° 5	26°30	W15
T 16	9 41 43	26°47'49	12°17	14°50	20°11	28°30	4°29	1°15	16°58	27°18	3°D 3	9°35	8°49	1°11	26°29	T 16
F 17	9 45 39	27°48'22	24°14	15°54	21°23	28°41	4°35	1°11	16°56	27°18	3° 3	9°33	8°46	1°18	26°28	F 17
S 18	9 49 36	28°48'53	6♉ 7	16°51	22°36	28°51	4°41	1° 7	16°55	27°18	3° 3	9°30	8°42	1°25	26°27	S 18
S 19	9 53 32	29°49'23	17°59	17°39	23°49	29° 1	4°47	1° 3	16°53	27°19	3° 3	9°29	8°39	1°32	26°26	S 19
M20	9 57 29	0♓49'51	29°55	18°19	25° 2	29°10	4°52	0°59	16°52	27°19	3° 3	9°D28	8°36	1°38	26°25	M20
T 21	10 1 26	1°50'17	12♊ 0	18°49	26°15	29°19	4°58	0°55	16°50	27°20	3° 3	9°29	8°33	1°45	26°24	T 21
W22	10 5 22	2°50'41	24°18	19°10	27°28	29°27	5° 3	0°51	16°49	27°20	3° 3	9°30	8°30	1°52	26°23	W22
T 23	10 9 19	3°51'03	6♋55	19°21	28°40	29°35	5° 8	0°48	16°47	27°21	3° 3	9°32	8°27	1°59	26°22	T 23
F 24	10 13 15	4°51'23	19°53	19°R23	29°53	29°41	5°13	0°44	16°46	27°21	3° 3	9°33	8°23	2° 5	26°22	F 24
S 25	10 17 12	5°51'42	3♌14	19°14	1♒ 6	29°48	5°18	0°41	16°44	27°22	3° 3	9°R34	8°20	2°12	26°21	S 25
S 26	10 21 8	6°51'58	17° 1	18°56	2°19	29°53	5°23	0°37	16°42	27°22	3° 4	9°34	8°17	2°19	26°21	S 26
M27	10 25 5	7°52'13	1♍11	18°29	3°32	29°58	5°27	0°34	16°40	27°23	3° 4	9°33	8°14	2°25	26°21	M27
T 28	10 29 1	8°52'25	15°40	17°53	4°45	0♏ 2	5°32	0°30	16°38	27°24	3° 4	9°30	8°11	2°32	26°20	T 28
W29	10 32 58	9♓52'36	0♎23	17♓10	5♒58	0♏ 6	5♐36	0♌27	16♎37	27♉25	3♊ 4	9♌26	8♌ 8	2♉39	26♊20	W29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s19	6n46	3n30	16s 8	1s43	21s55	1n31	7s20	2n26	19s49	0n54	20n 8	0n31	6s 8	0n41	17n54	1s42	8n41	12s19	17n50	17n51	6n34	16n53	6s32
T 2	17 2	1 53	4 22	15 28	1 38	21 57	1 28	7 26	2 26	19 51	0 54	20 10	0 31	6 8	0 41	17 54	1 42	8 41	12 19	17 50	17 52	6 36	16 53	6 32
F 3	16 44	3s 6	4 58	14 47	1 32	21 58	1 25	7 32	2 27	19 52	0 54	20 11	0 31	6 7	0 41	17 54	1 42	8 41	12 19	17 50	17 53	6 38	16 53	6 32
S 4	16 27	7 54	5 16	14 5	1 25	21 58	1 22	7 37	2 28	19 54	0 54	20 12	0 31	6 7	0 41	17 54	1 42	8 42	12 18	17 50	17 54	6 40	16 54	6 31
S 5	16 9	12 13	5 14	13 22	1 18	21 58	1 18	7 43	2 28	19 55	0 55	20 13	0 31	6 7	0 41	17 54	1 42	8 42	12 18	17 50	17 55	6 42	16 54	6 31
M 6	15 51	15 50	4 53	12 38	1 10	21 57	1 15	7 48	2 29	19 56	0 55	20 14	0 31	6 6	0 41	17 54	1 42	8 42	12 18	17 50	17 56	6 45	16 54	6 31
T 7	15 32	18 30	4 15	11 53	1 1	21 56	1 12	7 54	2 29	19 58	0 55	20 15	0 32	6 6	0 41	17 54	1 42	8 42	12 17	17 50	17 56	6 47	16 54	6 30
W 8	15 14	20 4	3 23	11 8	0 51	21 54	1 8	7 59	2 30	19 59	0 55	20 16	0 32	6 6	0 41	17 54	1 42	8 43	12 17	17 50	17 57	6 49	16 55	6 30
T 9	14 55	20 27	2 21	10 22	0 41	21 51	1 5	8 4	2 30	20 0	0 55	20 18	0 32	6 5	0 41	17 54	1 42	8 43	12 17	17 50	17 58	6 51	16 55	6 30
F 10	14 35	19 39	1 11	9 36	0 30	21 48	1 2	8 8	2 31	20 2	0 55	20 19	0 32	6 5	0 41	17 55	1 42	8 43	12 17	17 49	17 59	6 53	16 55	6 29
S 11	14 16	17 47	0s 1	8 50	0 18	21 44	0 58	8 13	2 32	20 3	0 55	20 20	0 32	6 4	0 41	17 55	1 42	8 43	12 16	17 49	18 0	6 56	16 56	6 29
S 12	13 56	15 3	1 12	8 4	0 6	21 40	0 55	8 17	2 32	20 4	0 55	20 21	0 32	6 4	0 41	17 55	1 42	8 44	12 16	17 49	18 1	6 58	16 56	6 28
M13	13 36	11 38	2 18	7 19	0n 8	21 34	0 52	8 21	2 33	20 5	0 55	20 22	0 32	6 4	0 41	17 55	1 42	8 44	12 16	17 50	18 1	7 0	16 57	6 28
T 14	13 16	7 46	3 16	6 36	0 21	21 29	0 48	8 25	2 33	20 6	0 55	20 23	0 32	6 3	0 41	17 55	1 41	8 44	12 15	17 50	18 2	7 2	16 57	6 28
W15	12 56	3 39	4 4	5 53	0 36	21 22	0 45	8 29	2 34	20 7	0 55	20 24	0 32	6 3	0 41	17 55	1 41	8 44	12 15	17 51	18 3	7 4	16 57	6 27
T 16	12 35	0n33	4 40	5 12	0 50	21 15	0 41	8 33	2 34	20 8	0 55	20 25	0 32	6 2	0 41	17 55	1 41	8 45	12 15	17 52	18 4	7 7	16 58	6 27
F 17	12 15	4 41	5 4	4 33	1 6	21 7	0 38	8 36	2 35	20 9	0 56	20 26	0 32	6 1	0 41	17 55	1 41	8 45	12 15	17 52	18 5	7 9	16 58	6 26
S 18	11 54	8 37	5 15	3 57	1 21	20 59	0 35	8 39	2 35	20 10	0 56	20 27	0 32	6 1	0 41	17 56	1 41	8 45	12 14	17 53	18 6	7 11	16 58	6 26
S 19	11 32	12 12	5 12	3 24	1 36	20 50	0 31	8 42	2 36	20 11	0 56	20 28	0 33	6 0	0 41	17 56	1 41	8 46	12 14	17 53	18 6	7 13	16 59	6 26
M20	11 11	15 20	4 55	2 55	1 52	20 41	0 28	8 45	2 36	20 12	0 56	20 29	0 33	6 0	0 41	17 56	1 41	8 46	12 14	17 54	18 7	7 15	16 59	6 25
T 21	10 50	17 51	4 26	2 29	2 7	20 31	0 25	8 48	2 37	20 13	0 56	20 30	0 33	5 59	0 41	17 56	1 41	8 46	12 13	17 53	18 8	7 17	17 0	6 25
W22	10 28	19 36	3 44	2 7	2 22	20 20	0 21	8 50	2 37	20 14	0 56	20 31	0 33	5 58	0 41	17 56	1 41	8 47	12 13	17 53	18 9	7 20	17 0	6 24
T 23	10 6	20 27	2 50	1 49	2 36	20 9	0 18	8 52	2 38	20 15	0 56	20 31	0 33	5 58	0 41	17 56	1 41	8 47	12 13	17 53	18 10	7 22	17 0	6 24
F 24	9 44	20 14	1 46	1 37	2 49	19 57	0 15	8 54	2 38	20 16	0 56	20 32	0 33	5 57	0 41	17 57	1 41	8 47	12 12	17 52	18 11	7 24	17 1	6 23
S 25	9 22	18 53	0 35	1 29	3 2	19 44	0 11	8 56	2 38	20 16	0 56	20 33	0 33	5 57	0 41	17 57	1 41	8 48	12 12	17 52	18 11	7 26	17 1	6 23
S 26	9 0	16 23	0n41	1 26	3 13	19 31	0 8	8 57	2 39	20 17	0 56	20 34	0 33	5 56	0 41	17 57	1 41	8 48	12 12	17 52	18 12	7 28	17 2	6 23
M27	8 37	12 52	1 56	1 27	3 22	19 18	0 5	8 59	2 39	20 18	0 56	20 35	0 33	5 55	0 41	17 57	1 41	8 48	12 12	17 52	18 13	7 31	17 2	6 22
T 28	8 15	8 29	3 5	1 34	3 30	19 3	0 2	9 0	2 40	20 19	0 57	20 36	0 33	5 54	0 41	17 57	1 41	8 49	12 11	17 53	18 14	7 33	17 3	6 22
W29	7s52	3n34	4n 3	1s45	3n36	18s49	0s 1	9s 1	2n40	20s19	0n57	20n36	0n33	5s54	0n41	17n58	1s41	8n49	12s11	17n54	18n15	7n35	17n 3	6s21

Julian Day Number = 2410668.5, Delta T = -3.98 sec
Ecliptic obliquity = 23°27'08, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°10'39, Lahiri = 22°17'39

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ASTRODIENST EPHEMERIS for the year 1888
geocentric

MARCH 1888 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 36 55	10♓52'45	15♎11	16°R21	7♒11	0♏ 9	5♐40	0°R24	16°R35	27♉25	3♊ 5	9°R21	8♌ 4	2♉46	26°D20	T 1
F 2	10 40 51	11°52'53	29°57	15♓26	8°25	0°11	5°43	0♌21	16♎33	27°26	3° 5	9♌17	8° 1	2°52	26♊20	F 2
S 3	10 44 48	12°52'59	14♏34	14°28	9°38	0°12	5°47	0°18	16°31	27°27	3° 5	9°13	7°58	2°59	26°20	S 3
S 4	10 48 44	13°53'03	28°57	13°27	10°51	0°R13	5°51	0°15	16°29	27°28	3° 6	9°10	7°55	3° 6	26°20	S 4
M 5	10 52 41	14°53'06	13♐ 2	12°26	12° 4	0°13	5°54	0°12	16°27	27°29	3° 6	9°D 9	7°52	3°13	26°21	M 5
T 6	10 56 37	15°53'08	26°49	11°25	13°17	0°12	5°57	0° 9	16°25	27°30	3° 6	9°10	7°48	3°19	26°21	T 6
W 7	11 0 34	16°53'08	10♑18	10°27	14°30	0°11	6° 0	0° 7	16°23	27°31	3° 7	9°11	7°45	3°26	26°21	W 7
T 8	11 4 30	17°53'06	23°31	9°31	15°44	0° 8	6° 3	0° 4	16°20	27°32	3° 7	9°13	7°42	3°33	26°22	T 8
F 9	11 8 27	18°53'02	6♒29	8°39	16°57	0° 5	6° 5	0° 2	16°18	27°33	3° 8	9°R13	7°39	3°39	26°23	F 9
S 10	11 12 24	19°52'57	19°14	7°53	18°10	0° 1	6° 8	29♋59	16°16	27°34	3° 8	9°13	7°36	3°46	26°23	S 10
S 11	11 16 20	20°52'50	1♓48	7°12	19°23	29♎57	6°10	29°57	16°14	27°35	3° 9	9°11	7°33	3°53	26°24	S 11
M12	11 20 17	21°52'41	14°12	6°36	20°37	29°51	6°12	29°55	16°12	27°36	3° 9	9° 6	7°29	4° 0	26°25	M12
T 13	11 24 13	22°52'30	26°27	6° 7	21°50	29°45	6°14	29°53	16° 9	27°37	3°10	8°59	7°26	4° 6	26°26	T 13
W14	11 28 10	23°52'17	8♈34	5°45	23° 3	29°38	6°15	29°51	16° 7	27°38	3°10	8°51	7°23	4°13	26°27	W14
T 15	11 32 6	24°52'02	20°34	5°28	24°17	29°31	6°17	29°50	16° 5	27°39	3°11	8°42	7°20	4°20	26°28	T 15
F 16	11 36 3	25°51'45	2♉29	5°19	25°30	29°22	6°18	29°48	16° 2	27°41	3°12	8°33	7°17	4°26	26°29	F 16
S 17	11 39 59	26°51'26	14°20	5°D15	26°43	29°13	6°19	29°46	16° 0	27°42	3°12	8°25	7°14	4°33	26°30	S 17
S 18	11 43 56	27°51'04	26°12	5°17	27°57	29° 3	6°20	29°45	15°57	27°43	3°13	8°18	7°10	4°40	26°32	S 18
M19	11 47 52	28°50'40	8♊ 6	5°25	29°10	28°52	6°21	29°43	15°55	27°45	3°13	8°14	7° 7	4°47	26°33	M19
T 20	11 51 49	29°50'15	20° 9	5°39	0♓23	28°41	6°21	29°42	15°53	27°46	3°14	8°11	7° 4	4°53	26°35	T 20
W21	11 55 46	0♈49'46	2♋23	5°57	1°37	28°28	6°21	29°41	15°50	27°47	3°15	8°D11	7° 1	5° 0	26°36	W21
T 22	11 59 42	1°49'16	14°54	6°21	2°50	28°15	6°R22	29°40	15°48	27°49	3°16	8°11	6°58	5° 7	26°38	T 22
F 23	12 3 39	2°48'43	27°47	6°49	4° 3	28° 2	6°22	29°39	15°45	27°50	3°16	8°12	6°54	5°14	26°40	F 23
S 24	12 7 35	3°48'08	11♌ 6	7°22	5°17	27°47	6°21	29°38	15°43	27°52	3°17	8°R13	6°51	5°20	26°42	S 24
S 25	12 11 32	4°47'31	24°54	7°59	6°30	27°32	6°21	29°37	15°40	27°53	3°18	8°11	6°48	5°27	26°44	S 25
M26	12 15 28	5°46'51	9♍10	8°40	7°44	27°16	6°20	29°37	15°38	27°55	3°19	8° 8	6°45	5°34	26°46	M26
T 27	12 19 25	6°46'09	23°51	9°25	8°57	27° 0	6°20	29°36	15°35	27°56	3°19	8° 2	6°42	5°40	26°48	T 27
W28	12 23 21	7°45'25	8♎52	10°13	10°10	26°43	6°19	29°36	15°33	27°58	3°20	7°54	6°39	5°47	26°50	W28
T 29	12 27 18	8°44'39	24° 3	11° 4	11°24	26°25	6°17	29°36	15°30	27°59	3°21	7°45	6°35	5°54	26°52	T 29
F 30	12 31 15	9°43'50	9♏13	11°59	12°37	26° 7	6°16	29°35	15°27	28° 1	3°22	7°36	6°32	6° 1	26°55	F 30
S 31	12 35 11	10♈43'01	24♏13	12♓56	13♓51	25♎48	6♐15	29°D35	15♎25	28♉ 3	3♊23	7♌28	6♌29	6♉ 7	26♊57	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s29	1s36	4n45	2s 1	3n40	18s34	0s 5	9s 2	2n40	20s20	0n57	20n37	0n33	5s53	0n41	17n58	1s40	8n49	12s11	17n55	18n16	7n37	17n 3	6s21
F 2	7 7	6 39	5 8	2 20	3 42	18 18	0 8	9 2	2 40	20 20	0 57	20 38	0 33	5 52	0 41	17 58	1 40	8 50	12 10	17 57	18 16	7 39	17 4	6 20
S 3	6 44	11 16	5 10	2 43	3 42	18 1	0 11	9 2	2 41	20 21	0 57	20 39	0 33	5 51	0 42	17 58	1 40	8 50	12 10	17 58	18 17	7 41	17 4	6 20
S 4	6 21	15 9	4 54	3 8	3 39	17 45	0 14	9 2	2 41	20 21	0 57	20 39	0 33	5 51	0 42	17 59	1 40	8 50	12 10	17 58	18 18	7 44	17 5	6 19
M 5	5 57	18 5	4 19	3 35	3 35	17 27	0 17	9 2	2 41	20 22	0 57	20 40	0 34	5 50	0 42	17 59	1 40	8 51	12 10	17 59	18 19	7 46	17 5	6 19
T 6	5 34	19 55	3 30	4 4	3 28	17 9	0 20	9 2	2 41	20 22	0 57	20 40	0 34	5 49	0 42	17 59	1 40	8 51	12 9	17 58	18 20	7 48	17 6	6 19
W 7	5 11	20 33	2 31	4 34	3 20	16 51	0 23	9 1	2 41	20 23	0 57	20 41	0 34	5 48	0 42	17 59	1 40	8 51	12 9	17 58	18 20	7 50	17 6	6 18
T 8	4 47	20 1	1 24	5 4	3 10	16 32	0 26	9 0	2 42	20 23	0 57	20 42	0 34	5 47	0 42	18 0	1 40	8 52	12 9	17 58	18 21	7 52	17 7	6 18
F 9	4 24	18 25	0 15	5 33	2 59	16 13	0 29	8 59	2 42	20 23	0 58	20 42	0 34	5 46	0 42	18 0	1 40	8 52	12 8	17 57	18 22	7 55	17 7	6 17
S 10	4 1	15 55	0s54	6 2	2 47	15 53	0 31	8 58	2 42	20 24	0 58	20 43	0 34	5 46	0 42	18 0	1 40	8 52	12 8	17 58	18 23	7 57	17 8	6 17
S 11	3 37	12 42	1 59	6 30	2 34	15 33	0 34	8 56	2 42	20 24	0 58	20 43	0 34	5 45	0 42	18 1	1 40	8 53	12 8	17 58	18 24	7 59	17 8	6 16
M12	3 13	8 57	2 58	6 55	2 20	15 13	0 37	8 54	2 42	20 24	0 58	20 44	0 34	5 44	0 42	18 1	1 40	8 53	12 8	17 59	18 25	8 1	17 9	6 16
T 13	2 50	4 53	3 47	7 19	2 6	14 52	0 39	8 52	2 41	20 25	0 58	20 44	0 34	5 43	0 42	18 1	1 40	8 53	12 7	18 1	18 25	8 3	17 9	6 15
W14	2 26	0 40	4 26	7 41	1 51	14 30	0 42	8 50	2 41	20 25	0 58	20 45	0 34	5 42	0 42	18 1	1 40	8 54	12 7	18 3	18 26	8 5	17 10	6 15
T 15	2 2	3n31	4 52	8 1	1 36	14 8	0 45	8 48	2 41	20 25	0 58	20 45	0 34	5 41	0 42	18 2	1 40	8 54	12 7	18 6	18 27	8 8	17 10	6 14
F 16	1 39	7 33	5 5	8 19	1 21	13 46	0 47	8 45	2 41	20 25	0 58	20 46	0 34	5 40	0 42	18 2	1 40	8 55	12 7	18 8	18 28	8 10	17 10	6 14
S 17	1 15	11 17	5 5	8 34	1 7	13 23	0 50	8 42	2 41	20 25	0 58	20 46	0 34	5 39	0 42	18 2	1 40	8 55	12 6	18 10	18 29	8 12	17 11	6 14
S 18	0 51	14 34	4 52	8 46	0 52	13 0	0 52	8 39	2 40	20 25	0 58	20 46	0 34	5 38	0 42	18 3	1 39	8 55	12 6	18 12	18 29	8 14	17 11	6 13
M19	0 28	17 17	4 27	8 57	0 38	12 37	0 54	8 35	2 40	20 25	0 58	20 47	0 34	5 37	0 42	18 3	1 39	8 56	12 6	18 13	18 30	8 16	17 12	6 13
T 20	0 4	19 17	3 49	9 5	0 24	12 13	0 57	8 31	2 39	20 25	0 59	20 47	0 34	5 37	0 42	18 4	1 39	8 56	12 5	18 14	18 31	8 19	17 12	6 12
W21	0n20	20 26	3 0	9 10	0 10	11 49	0 59	8 28	2 39	20 25	0 59	20 47	0 34	5 36	0 42	18 4	1 39	8 56	12 5	18 14	18 32	8 21	17 13	6 12
T 22	0 43	20 36	2 2	9 14	0s 3	11 25	1 1	8 24	2 38	20 25	0 59	20 47	0 34	5 35	0 42	18 4	1 39	8 57	12 5	18 14	18 33	8 23	17 13	6 11
F 23	1 7	19 42	0 56	9 15	0 15	11 0	1 3	8 19	2 38	20 25	0 59	20 48	0 34	5 34	0 42	18 5	1 39	8 57	12 5	18 13	18 33	8 25	17 14	6 11
S 24	1 31	17 42	0n16	9 14	0 27	10 35	1 5	8 15	2 37	20 25	0 59	20 48	0 34	5 33	0 42	18 5	1 39	8 58	12 4	18 13	18 34	8 27	17 14	6 10
S 25	1 54	14 37	1 28	9 11	0 39	10 10	1 7	8 10	2 36	20 25	0 59	20 48	0 34	5 32	0 42	18 5	1 39	8 58	12 4	18 14	18 35	8 29	17 15	6 10
M26	2 18	10 34	2 38	9 6	0 50	9 44	1 9	8 5	2 36	20 25	0 59	20 48	0 34	5 31	0 42	18 6	1 39	8 58	12 4	18 15	18 36	8 32	17 15	6 10
T 27	2 41	5 47	3 39	8 59	1 0	9 19	1 11	8 0	2 35	20 24	0 59	20 48	0 35	5 30	0 42	18 6	1 39	8 59	12 4	18 16	18 37	8 34	17 16	6 9
W28	3 5	0 34	4 26	8 50	1 10	8 53	1 13	7 55	2 34	20 24	0 59	20 49	0 35	5 29	0 42	18 7	1 39	8 59	12 3	18 18	18 37	8 36	17 16	6 9
T 29	3 28	4s45	4 55	8 39	1 20	8 26	1 14	7 49	2 33	20 24	0 59	20 49	0 35	5 28	0 42	18 7	1 39	9 0	12 3	18 21	18 38	8 38	17 17	6 8
F 30	3 51	9 46	5 4	8 26	1 29	8 0	1 16	7 44	2 32	20 23	0 59	20 49	0 35	5 27	0 42	18 7	1 39	9 0	12 3	18 23	18 39	8 40	17 17	6 8
S 31	4n15	14s 8	4n51	8s12	1s37	7s33	1s17	7s38	2n31	20s23	0n59	20n49	0n35	5s26	0n42	18n 8	1s39	9n 0	12s 3	18n25	18n40	8n42	17n18	6s 7

Julian Day Number = 2410697.5, Delta T = -3.97 sec
Ecliptic obliquity = 23°27'09, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°10'43, Lahiri = 22°17'43

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ASTRODIENST EPHEMERIS for the year 1888
geocentric

APRIL 1888 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 39 8	11♈42'09	8♐53	13♓57	15♓ 4	25°R29	6°R13	29♋35	15°R22	28♉ 4	3♊24	7°R21	6♌26	6♉14	27♊ 0	S 1
M 2	12 43 4	12°41'15	23°11	15° 0	16°18	25♎ 9	6♐11	29°36	15♎20	28° 6	3°25	7♌18	6°23	6°21	27° 2	M 2
T 3	12 47 1	13°40'20	7♑ 2	16° 5	17°31	24°49	6° 9	29°36	15°17	28° 8	3°25	7°16	6°19	6°27	27° 5	T 3
W 4	12 50 57	14°39'23	20°29	17°13	18°44	24°28	6° 7	29°36	15°15	28° 9	3°26	7°D16	6°16	6°34	27° 8	W 4
T 5	12 54 54	15°38'25	3♒34	18°24	19°58	24° 7	6° 4	29°37	15°12	28°11	3°27	7°R16	6°13	6°41	27°10	T 5
F 6	12 58 50	16°37'24	16°20	19°36	21°11	23°45	6° 2	29°37	15° 9	28°13	3°28	7°16	6°10	6°48	27°13	F 6
S 7	13 2 47	17°36'22	28°50	20°51	22°25	23°23	5°59	29°38	15° 7	28°15	3°29	7°14	6° 7	6°54	27°16	S 7
S 8	13 6 44	18°35'18	11♓10	22° 8	23°38	23° 1	5°56	29°39	15° 4	28°16	3°30	7° 9	6° 4	7° 1	27°19	S 8
M 9	13 10 40	19°34'12	23°20	23°26	24°52	22°39	5°53	29°40	15° 2	28°18	3°31	7° 2	6° 0	7° 8	27°22	M 9
T 10	13 14 37	20°33'04	5♈23	24°47	26° 5	22°16	5°49	29°41	14°59	28°20	3°32	6°52	5°57	7°15	27°26	T 10
W11	13 18 33	21°31'54	17°22	26°10	27°19	21°53	5°46	29°42	14°57	28°22	3°33	6°39	5°54	7°21	27°29	W11
T 12	13 22 30	22°30'42	29°17	27°34	28°32	21°30	5°42	29°43	14°54	28°24	3°34	6°25	5°51	7°28	27°32	T 12
F 13	13 26 26	23°29'28	11♉ 9	29° 0	29°46	21° 7	5°38	29°44	14°51	28°26	3°36	6°12	5°48	7°35	27°35	F 13
S 14	13 30 23	24°28'13	23° 1	0♈28	0♈59	20°45	5°34	29°46	14°49	28°28	3°37	5°59	5°45	7°41	27°39	S 14
S 15	13 34 19	25°26'55	4♊53	1°58	2°13	20°22	5°30	29°47	14°46	28°30	3°38	5°48	5°41	7°48	27°42	S 15
M16	13 38 16	26°25'35	16°49	3°30	3°26	19°59	5°26	29°49	14°44	28°32	3°39	5°39	5°38	7°55	27°46	M16
T 17	13 42 12	27°24'13	28°52	5° 3	4°39	19°36	5°21	29°51	14°41	28°34	3°40	5°34	5°35	8° 2	27°50	T 17
W18	13 46 9	28°22'48	11♋ 5	6°38	5°53	19°14	5°16	29°53	14°39	28°36	3°41	5°31	5°32	8° 8	27°53	W18
T 19	13 50 6	29°21'22	23°33	8°14	7° 6	18°51	5°12	29°55	14°36	28°38	3°42	5°30	5°29	8°15	27°57	T 19
F 20	13 54 2	0♉19'53	6♌21	9°53	8°20	18°29	5° 7	29°57	14°34	28°40	3°43	5°30	5°25	8°22	28° 1	F 20
S 21	13 57 59	1°18'22	19°34	11°33	9°33	18° 8	5° 2	29°59	14°31	28°42	3°45	5°30	5°22	8°28	28° 5	S 21
S 22	14 1 55	2°16'49	3♍14	13°14	10°47	17°46	4°56	0♌ 1	14°29	28°44	3°46	5°28	5°19	8°35	28° 9	S 22
M23	14 5 52	3°15'14	17°24	14°58	12° 0	17°25	4°51	0° 4	14°27	28°46	3°47	5°24	5°16	8°42	28°13	M23
T 24	14 9 48	4°13'36	2♎ 2	16°43	13°14	17° 5	4°45	0° 6	14°24	28°48	3°48	5°17	5°13	8°49	28°17	T 24
W25	14 13 45	5°11'57	17° 4	18°30	14°27	16°44	4°40	0° 9	14°22	28°50	3°49	5° 8	5°10	8°55	28°21	W25
T 26	14 17 41	6°10'16	2♏21	20°18	15°41	16°25	4°34	0°12	14°19	28°52	3°51	4°57	5° 6	9° 2	28°25	T 26
F 27	14 21 38	7° 8'33	17°42	22° 9	16°54	16° 6	4°28	0°14	14°17	28°54	3°52	4°46	5° 3	9° 9	28°29	F 27
S 28	14 25 35	8° 6'48	2♐56	24° 1	18° 7	15°47	4°22	0°17	14°15	28°56	3°53	4°36	5° 0	9°16	28°34	S 28
S 29	14 29 31	9° 5'01	17°51	25°55	19°21	15°29	4°16	0°20	14°13	28°58	3°54	4°28	4°57	9°22	28°38	S 29
M30	14 33 28	10♉ 3'13	2♑22	27♈50	20♈34	15♎12	4♐10	0♌23	14♎10	29♉ 0	3♊56	4♌23	4♌54	9♉29	28♊43	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n38	17s31	4n19	7s56	1s45	7s 6	1s19	7s32	2n29	20s23	1n 0	20n49	0n35	5s25	0n42	18n 8	1s39	9n 1	12s 2	18n27	18n41	8n45	17n18	6s 7
M 2	5 1	19 45	3 32	7 38	1 52	6 39	1 20	7 26	2 28	20 22	1 0	20 49	0 35	5 24	0 42	18 9	1 39	9 1	12 2	18 28	18 41	8 47	17 19	6 7
T 3	5 24	20 43	2 34	7 19	1 59	6 11	1 22	7 20	2 27	20 22	1 0	20 49	0 35	5 23	0 42	18 9	1 39	9 1	12 2	18 28	18 42	8 49	17 19	6 6
W 4	5 47	20 26	1 28	6 58	2 5	5 44	1 23	7 14	2 25	20 22	1 0	20 49	0 35	5 22	0 42	18 9	1 39	9 2	12 2	18 28	18 43	8 51	17 20	6 6
T 5	6 10	19 3	0 20	6 35	2 10	5 16	1 24	7 8	2 24	20 21	1 0	20 49	0 35	5 21	0 42	18 10	1 39	9 2	12 2	18 28	18 44	8 53	17 20	6 5
F 6	6 32	16 43	0s48	6 12	2 15	4 48	1 25	7 1	2 22	20 21	1 0	20 49	0 35	5 20	0 42	18 10	1 39	9 3	12 1	18 28	18 44	8 55	17 21	6 5
S 7	6 55	13 38	1 52	5 46	2 20	4 20	1 27	6 55	2 21	20 20	1 0	20 48	0 35	5 19	0 42	18 11	1 39	9 3	12 1	18 28	18 45	8 58	17 21	6 5
S 8	7 17	10 0	2 49	5 20	2 24	3 52	1 28	6 48	2 19	20 19	1 0	20 48	0 35	5 18	0 42	18 11	1 39	9 3	12 1	18 30	18 46	9 0	17 21	6 4
M 9	7 40	5 59	3 38	4 52	2 27	3 24	1 29	6 41	2 17	20 19	1 0	20 48	0 35	5 17	0 42	18 12	1 38	9 4	12 1	18 31	18 47	9 2	17 22	6 4
T 10	8 2	1 47	4 17	4 22	2 30	2 55	1 29	6 35	2 15	20 18	1 0	20 48	0 35	5 16	0 42	18 12	1 38	9 4	12 1	18 34	18 48	9 4	17 22	6 3
W11	8 24	2n27	4 44	3 52	2 32	2 27	1 30	6 28	2 14	20 17	1 0	20 48	0 35	5 15	0 42	18 12	1 38	9 5	12 0	18 37	18 48	9 6	17 23	6 3
T 12	8 46	6 35	4 58	3 20	2 34	1 58	1 31	6 21	2 12	20 17	1 0	20 48	0 35	5 14	0 42	18 13	1 38	9 5	12 0	18 41	18 49	9 9	17 23	6 3
F 13	9 8	10 26	4 59	2 47	2 36	1 30	1 32	6 15	2 10	20 16	1 0	20 47	0 35	5 13	0 42	18 13	1 38	9 5	12 0	18 44	18 50	9 11	17 24	6 2
S 14	9 29	13 54	4 47	2 12	2 36	1 1	1 32	6 8	2 7	20 15	1 0	20 47	0 35	5 12	0 42	18 14	1 38	9 6	12 0	18 47	18 51	9 13	17 24	6 2
S 15	9 51	16 49	4 23	1 37	2 37	0 32	1 33	6 1	2 5	20 15	1 0	20 47	0 35	5 11	0 42	18 14	1 38	9 6	12 0	18 50	18 52	9 15	17 25	6 1
M16	10 12	19 2	3 47	1 0	2 36	0 4	1 33	5 55	2 3	20 14	1 0	20 46	0 35	5 10	0 42	18 15	1 38	9 6	11 59	18 52	18 52	9 17	17 25	6 1
T 17	10 33	20 26	3 1	0 22	2 36	0n25	1 34	5 48	2 1	20 13	1 0	20 46	0 35	5 9	0 42	18 15	1 38	9 7	11 59	18 53	18 53	9 19	17 25	6 1
W18	10 54	20 55	2 5	0n16	2 34	0 54	1 34	5 42	1 59	20 12	1 0	20 46	0 35	5 8	0 42	18 16	1 38	9 7	11 59	18 54	18 54	9 21	17 26	6 0
T 19	11 15	20 22	1 3	0 56	2 32	1 23	1 34	5 36	1 56	20 11	1 1	20 45	0 35	5 7	0 42	18 16	1 38	9 8	11 59	18 54	18 55	9 24	17 26	6 0
F 20	11 36	18 46	0n 4	1 37	2 30	1 52	1 34	5 30	1 54	20 10	1 1	20 45	0 35	5 6	0 42	18 17	1 38	9 8	11 59	18 54	18 55	9 26	17 27	6 0
S 21	11 56	16 7	1 14	2 19	2 27	2 21	1 34	5 24	1 52	20 9	1 1	20 44	0 35	5 5	0 42	18 17	1 38	9 8	11 58	18 54	18 56	9 28	17 27	5 59
S 22	12 16	12 31	2 21	3 1	2 24	2 49	1 34	5 18	1 49	20 8	1 1	20 44	0 35	5 4	0 42	18 18	1 38	9 9	11 58	18 55	18 57	9 30	17 27	5 59
M23	12 36	8 5	3 22	3 45	2 20	3 18	1 34	5 12	1 47	20 7	1 1	20 43	0 35	5 4	0 42	18 18	1 38	9 9	11 58	18 56	18 58	9 32	17 28	5 59
T 24	12 56	3 2	4 12	4 29	2 15	3 47	1 34	5 7	1 44	20 6	1 1	20 43	0 35	5 3	0 41	18 18	1 38	9 9	11 58	18 58	18 59	9 34	17 28	5 58
W25	13 16	2s19	4 46	5 15	2 10	4 15	1 34	5 1	1 41	20 5	1 1	20 42	0 35	5 2	0 41	18 19	1 38	9 10	11 58	19 0	18 59	9 37	17 29	5 58
T 26	13 35	7 36	5 0	6 1	2 5	4 44	1 34	4 56	1 39	20 4	1 1	20 42	0 35	5 1	0 41	18 19	1 38	9 10	11 58	19 2	19 0	9 39	17 29	5 58
F 27	13 54	12 26	4 53	6 47	1 59	5 12	1 33	4 51	1 36	20 3	1 1	20 41	0 36	5 0	0 41	18 20	1 38	9 11	11 57	19 5	19 1	9 41	17 29	5 57
S 28	14 13	16 26	4 25	7 35	1 53	5 41	1 33	4 46	1 34	20 2	1 1	20 41	0 36	4 59	0 41	18 20	1 38	9 11	11 57	19 7	19 2	9 43	17 30	5 57
S 29	14 32	19 16	3 39	8 22	1 46	6 9	1 33	4 42	1 31	20 1	1 1	20 40	0 36	4 58	0 41	18 21	1 38	9 11	11 57	19 9	19 2	9 45	17 30	5 57
M30	14n50	20s46	2n40	9n11	1s38	6n37	1s32	4s38	1n28	20s 0	1n 1	20n39	0n36	4s57	0n41	18n21	1s38	9n12	11s57	19n10	19n 3	9n47	17n30	5s56

Julian Day Number = 2410728.5, Delta T = -3.96 sec
Ecliptic obliquity = 23°27'09, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°10'47, Lahiri = 22°17'47

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ASTRODIENST EPHEMERIS for the year 1888
geocentric

MAY 1888 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 37 24	11♉ 1'24	16♋24	29♈47	21♈48	14°R55	4°R 3	0♌26	14°R 8	29♉ 3	3♊57	4°R21	4♌51	9♉36	28♊47	T 1
W 2	14 41 21	11°59'33	29°57	1♉46	23° 1	14♎39	3♐57	0°30	14♎ 6	29° 5	3°58	4°D20	4°47	9°42	28°51	W 2
T 3	14 45 17	12°57'41	13♒ 4	3°47	24°15	14°23	3°50	0°33	14° 4	29° 7	3°59	4°R20	4°44	9°49	28°56	T 3
F 4	14 49 14	13°55'47	25°48	5°49	25°28	14° 9	3°43	0°37	14° 2	29° 9	4° 1	4♌19	4°41	9°56	29° 1	F 4
S 5	14 53 10	14°53'52	8♓15	7°53	26°42	13°55	3°37	0°40	14° 0	29°11	4° 2	4°17	4°38	10° 3	29° 5	S 5
S 6	14 57 7	15°51'55	20°27	9°58	27°55	13°41	3°30	0°44	13°57	29°14	4° 3	4°13	4°35	10° 9	29°10	S 6
M 7	15 1 4	16°49'57	2♈30	12° 4	29° 9	13°29	3°23	0°48	13°55	29°16	4° 4	4° 6	4°31	10°16	29°15	M 7
T 8	15 5 0	17°47'58	14°27	14°12	0♉22	13°17	3°16	0°51	13°53	29°18	4° 6	3°56	4°28	10°23	29°20	T 8
W 9	15 8 57	18°45'57	26°20	16°21	1°36	13° 6	3° 9	0°55	13°51	29°20	4° 7	3°44	4°25	10°30	29°24	W 9
T 10	15 12 53	19°43'54	8♉12	18°31	2°49	12°56	3° 1	0°59	13°49	29°22	4° 8	3°31	4°22	10°36	29°29	T 10
F 11	15 16 50	20°41'50	20° 4	20°41	4° 2	12°46	2°54	1° 3	13°48	29°25	4°10	3°18	4°19	10°43	29°34	F 11
S 12	15 20 46	21°39'45	1♊58	22°52	5°16	12°38	2°47	1° 8	13°46	29°27	4°11	3° 5	4°16	10°50	29°39	S 12
S 13	15 24 43	22°37'38	13°54	25° 3	6°29	12°30	2°39	1°12	13°44	29°29	4°12	2°55	4°12	10°56	29°44	S 13
M14	15 28 39	23°35'30	25°56	27°14	7°43	12°23	2°32	1°16	13°42	29°31	4°14	2°47	4° 9	11° 3	29°49	M14
T 15	15 32 36	24°33'20	8♋ 5	29°25	8°56	12°17	2°25	1°21	13°40	29°34	4°15	2°42	4° 6	11°10	29°55	T 15
W16	15 36 33	25°31'08	20°23	1♊35	10°10	12°11	2°17	1°25	13°39	29°36	4°16	2°39	4° 3	11°17	29°59	W16
T 17	15 40 29	26°28'55	2♌55	3°44	11°23	12° 7	2° 9	1°30	13°37	29°38	4°18	2°D38	4° 0	11°23	0♋ 5	T 17
F 18	15 44 26	27°26'40	15°43	5°52	12°37	12° 3	2° 2	1°34	13°35	29°40	4°19	2°39	3°56	11°30	0°10	F 18
S 19	15 48 22	28°24'23	28°53	7°58	13°50	12° 0	1°54	1°39	13°34	29°43	4°21	2°R39	3°53	11°37	0°15	S 19
S 20	15 52 19	29°22'05	12♍26	10° 3	15° 4	11°58	1°47	1°44	13°32	29°45	4°22	2°38	3°50	11°43	0°21	S 20
M21	15 56 15	0♊19'45	26°26	12° 6	16°17	11°57	1°39	1°49	13°31	29°47	4°23	2°36	3°47	11°50	0°26	M21
T 22	16 0 12	1°17'23	10♎53	14° 7	17°30	11°D56	1°31	1°54	13°29	29°49	4°25	2°31	3°44	11°57	0°31	T 22
W23	16 4 8	2°15'00	25°42	16° 5	18°44	11°56	1°24	1°59	13°28	29°52	4°26	2°24	3°41	12° 4	0°37	W23
T 24	16 8 5	3°12'36	10♏49	18° 1	19°57	11°57	1°16	2° 4	13°26	29°54	4°27	2°15	3°37	12°10	0°42	T 24
F 25	16 12 2	4°10'10	26° 3	19°55	21°11	11°59	1° 8	2° 9	13°25	29°56	4°29	2° 7	3°34	12°17	0°48	F 25
S 26	16 15 58	5° 7'43	11♐14	21°46	22°24	12° 2	1° 1	2°15	13°24	29°58	4°30	1°59	3°31	12°24	0°53	S 26
S 27	16 19 55	6° 5'16	26°12	23°34	23°38	12° 5	0°53	2°20	13°22	0♊ 1	4°31	1°53	3°28	12°31	0°59	S 27
M28	16 23 51	7° 2'47	10♋48	25°20	24°51	12° 9	0°46	2°25	13°21	0° 3	4°33	1°49	3°25	12°37	1° 4	M28
T 29	16 27 48	8° 0'17	24°57	27° 2	26° 5	12°14	0°38	2°31	13°20	0° 5	4°34	1°47	3°22	12°44	1°10	T 29
W30	16 31 44	8°57'46	8♒37	28°42	27°18	12°19	0°31	2°36	13°19	0° 7	4°36	1°D47	3°18	12°51	1°16	W30
T 31	16 35 41	9♊55'14	21♒51	0♋19	28♉32	12♎25	0♐23	2♌42	13♎18	0♊ 9	4♊37	1♌48	3♌15	12♉57	1♋21	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	15n 9	20s54	1n33	10n 0	1s30	7n 5	1s31	4s34	1n26	19s59	1n 1	20n39	0n36	4s57	0n41	18n22	1s38	9n12	11s57	19n11	19n 4	9n50	17n31	5s56	T 1
W 2	15 27	19 48	0 23	10 49	1 22	7 33	1 31	4 30	1 23	19 57	1 1	20 38	0 36	4 56	0 41	18 22	1 38	9 12	11 57	19 11	19 5	9 52	17 31	5 56	W 2
T 3	15 44	17 38	0s46	11 38	1 14	8 1	1 30	4 26	1 20	19 56	1 1	20 37	0 36	4 55	0 41	18 23	1 38	9 13	11 57	19 11	19 5	9 54	17 31	5 56	T 3
F 4	16 2	14 40	1 51	12 27	1 4	8 28	1 29	4 23	1 18	19 55	1 1	20 37	0 36	4 54	0 41	18 23	1 38	9 13	11 57	19 11	19 6	9 56	17 32	5 55	F 4
S 5	16 19	11 6	2 49	13 17	0 55	8 55	1 28	4 20	1 15	19 54	1 1	20 36	0 36	4 53	0 41	18 24	1 38	9 13	11 56	19 12	19 7	9 58	17 32	5 55	S 5
S 6	16 36	7 8	3 38	14 6	0 45	9 23	1 28	4 18	1 12	19 52	1 1	20 35	0 36	4 53	0 41	18 24	1 38	9 14	11 56	19 13	19 8	10 0	17 32	5 55	S 6
M 7	16 52	2 56	4 17	14 54	0 35	9 50	1 27	4 15	1 10	19 51	1 0	20 34	0 36	4 52	0 41	18 25	1 38	9 14	11 56	19 15	19 8	10 2	17 32	5 55	M 7
T 8	17 9	1n20	4 44	15 43	0 25	10 16	1 26	4 13	1 7	19 50	1 0	20 34	0 36	4 51	0 41	18 25	1 38	9 14	11 56	19 17	19 9	10 5	17 33	5 54	T 8
W 9	17 25	5 32	4 58	16 30	0 15	10 43	1 24	4 11	1 4	19 49	1 0	20 33	0 36	4 50	0 41	18 26	1 38	9 15	11 56	19 20	19 10	10 7	17 33	5 54	W 9
T 10	17 41	9 31	5 0	17 17	0 4	11 9	1 23	4 10	1 2	19 47	1 0	20 32	0 36	4 50	0 41	18 26	1 38	9 15	11 56	19 23	19 11	10 9	17 33	5 54	T 10
F 11	17 56	13 8	4 48	18 2	0n 6	11 35	1 22	4 8	0 59	19 46	1 0	20 31	0 36	4 49	0 41	18 27	1 38	9 15	11 56	19 26	19 11	10 11	17 33	5 54	F 11
S 12	18 11	16 15	4 24	18 46	0 17	12 1	1 21	4 7	0 57	19 45	1 0	20 30	0 36	4 48	0 41	18 27	1 38	9 16	11 56	19 29	19 12	10 13	17 34	5 53	S 12
S 13	18 26	18 42	3 48	19 29	0 27	12 26	1 20	4 7	0 54	19 43	1 0	20 29	0 36	4 47	0 41	18 28	1 38	9 16	11 56	19 31	19 13	10 15	17 34	5 53	S 13
M14	18 41	20 22	3 2	20 10	0 38	12 51	1 18	4 6	0 51	19 42	1 0	20 28	0 36	4 47	0 41	18 28	1 38	9 16	11 56	19 33	19 14	10 17	17 34	5 53	M14
T 15	18 55	21 6	2 7	20 49	0 48	13 16	1 17	4 6	0 49	19 40	1 0	20 27	0 36	4 46	0 41	18 29	1 38	9 17	11 55	19 34	19 15	10 20	17 34	5 53	T 15
W16	19 9	20 50	1 5	21 26	0 57	13 41	1 15	4 7	0 46	19 39	1 0	20 26	0 36	4 45	0 41	18 29	1 38	9 17	11 55	19 35	19 15	10 22	17 35	5 53	W16
T 17	19 23	19 33	0n 1	22 0	1 7	14 5	1 14	4 7	0 44	19 38	1 0	20 25	0 36	4 45	0 41	18 30	1 38	9 17	11 55	19 35	19 16	10 24	17 35	5 52	T 17
F 18	19 36	17 14	1 9	22 32	1 16	14 29	1 12	4 8	0 41	19 36	1 0	20 24	0 36	4 44	0 41	18 30	1 38	9 17	11 55	19 35	19 17	10 26	17 35	5 52	F 18
S 19	19 49	13 59	2 15	23 2	1 24	14 53	1 11	4 9	0 39	19 35	1 0	20 23	0 36	4 44	0 41	18 31	1 38	9 18	11 55	19 35	19 18	10 28	17 35	5 52	S 19
S 20	20 2	9 54	3 16	23 29	1 32	15 16	1 9	4 10	0 36	19 33	1 0	20 22	0 36	4 43	0 41	18 31	1 38	9 18	11 55	19 35	19 18	10 30	17 35	5 52	S 20
M21	20 14	5 11	4 6	23 53	1 39	15 39	1 7	4 12	0 34	19 32	1 0	20 21	0 36	4 43	0 41	18 32	1 38	9 18	11 55	19 35	19 19	10 32	17 35	5 52	M21
T 22	20 26	0 2	4 43	24 15	1 46	16 1	1 5	4 14	0 32	19 30	0 59	20 20	0 36	4 42	0 41	18 32	1 38	9 19	11 55	19 37	19 20	10 35	17 36	5 51	T 22
W23	20 37	5s15	5 2	24 34	1 51	16 23	1 4	4 16	0 29	19 29	0 59	20 19	0 36	4 41	0 41	18 33	1 38	9 19	11 55	19 38	19 20	10 37	17 36	5 51	W23
T 24	20 49	10 18	5 1	24 51	1 57	16 45	1 2	4 19	0 27	19 28	0 59	20 18	0 36	4 41	0 41	18 33	1 38	9 19	11 55	19 40	19 21	10 39	17 36	5 51	T 24
F 25	20 59	14 46	4 38	25 5	2 1	17 6	1 0	4 22	0 25	19 26	0 59	20 17	0 36	4 40	0 41	18 33	1 38	9 19	11 55	19 42	19 22	10 41	17 36	5 51	F 25
S 26	21 10	18 14	3 56	25 16	2 4	17 27	0 58	4 25	0 23	19 25	0 59	20 16	0 36	4 40	0 41	18 34	1 38	9 20	11 55	19 44	19 23	10 43	17 36	5 51	S 26
S 27	21 20	20 25	2 59	25 25	2 7	17 47	0 56	4 28	0 20	19 23	0 59	20 15	0 36	4 40	0 41	18 34	1 38	9 20	11 55	19 45	19 23	10 45	17 36	5 51	S 27
M28	21 30	21 11	1 50	25 31	2 9	18 7	0 54	4 32	0 18	19 22	0 59	20 13	0 36	4 39	0 41	18 35	1 38	9 20	11 55	19 46	19 24	10 47	17 36	5 51	M28
T 29	21 39	20 33	0 37	25 36	2 11	18 27	0 52	4 35	0 16	19 20	0 59	20 12	0 37	4 39	0 40	18 35	1 38	9 20	11 55	19 46	19 25	10 50	17 36	5 51	T 29
W30	21 48	18 42	0s37	25 38	2 11	18 45	0 50	4 40	0 14	19 19	0 59	20 11	0 37	4 38	0 40	18 36	1 38	9 21	11 55	19 46	19 26	10 52	17 36	5 50	W30
T 31	21n57	15s54	1s46	25n38	2n11	19n 4	0s48	4s44	0n12	19s17	0n58	20n10	0n37	4s38	0n40	18n36	1s38	9n21	11s55	19n46	19n26	10n54	17n36	5s50	T 31

Julian Day Number = 2410758.5, Delta T = -3.95 sec
Ecliptic obliquity = 23°27'08, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°10'51, Lahiri = 22°17'51

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1888
geocentric

JUNE 1888 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 39 37	10♊52'42	4♓39	1♋53	29♉45	12♎32	0°R16	2♌48	13°R17	0♊12	4♊38	1♌49	3♌12	13♉ 4	1♋27	F 1
S 2	16 43 34	11°50'09	17° 8	3°25	0♊59	12°40	0♐ 8	2°53	13♎16	0°14	4°40	1°R49	3° 9	13°11	1°33	S 2
S 3	16 47 31	12°47'35	29°20	4°53	2°12	12°48	0° 1	2°59	13°15	0°16	4°41	1°47	3° 6	13°18	1°38	S 3
M 4	16 51 27	13°45'01	11♈22	6°18	3°26	12°57	29♏54	3° 5	13°14	0°18	4°42	1°44	3° 2	13°24	1°44	M 4
T 5	16 55 24	14°42'26	23°17	7°40	4°39	13° 6	29°47	3°11	13°13	0°20	4°44	1°38	2°59	13°31	1°50	T 5
W 6	16 59 20	15°39'50	5♉ 8	9° 0	5°53	13°16	29°39	3°17	13°13	0°23	4°45	1°31	2°56	13°38	1°55	W 6
T 7	17 3 17	16°37'13	17° 0	10°16	7° 6	13°27	29°32	3°23	13°12	0°25	4°46	1°23	2°53	13°44	2° 1	T 7
F 8	17 7 13	17°34'36	28°54	11°29	8°20	13°39	29°25	3°29	13°11	0°27	4°48	1°15	2°50	13°51	2° 7	F 8
S 9	17 11 10	18°31'59	10♊52	12°38	9°33	13°51	29°19	3°35	13°11	0°29	4°49	1° 7	2°47	13°58	2°13	S 9
S 10	17 15 6	19°29'20	22°57	13°45	10°47	14° 3	29°12	3°42	13°10	0°31	4°50	1° 1	2°43	14° 5	2°19	S 10
M11	17 19 3	20°26'41	5♋ 9	14°48	12° 0	14°17	29° 5	3°48	13°10	0°33	4°52	0°56	2°40	14°11	2°25	M11
T 12	17 23 0	21°24'01	17°29	15°48	13°14	14°30	28°58	3°54	13° 9	0°36	4°53	0°53	2°37	14°18	2°31	T 12
W13	17 26 56	22°21'21	0♌ 1	16°44	14°27	14°45	28°52	4° 1	13° 9	0°38	4°54	0°D52	2°34	14°25	2°36	W13
T 14	17 30 53	23°18'39	12°44	17°36	15°41	15° 0	28°45	4° 7	13° 8	0°40	4°56	0°53	2°31	14°32	2°42	T 14
F 15	17 34 49	24°15'57	25°43	18°25	16°55	15°15	28°39	4°14	13° 8	0°42	4°57	0°54	2°28	14°38	2°48	F 15
S 16	17 38 46	25°13'14	8♍58	19°10	18° 8	15°31	28°33	4°20	13° 8	0°44	4°58	0°56	2°24	14°45	2°54	S 16
S 17	17 42 42	26°10'29	22°32	19°52	19°22	15°48	28°27	4°27	13° 8	0°46	4°59	0°R57	2°21	14°52	3° 0	S 17
M18	17 46 39	27° 7'45	6♎26	20°29	20°35	16° 5	28°21	4°33	13° 7	0°48	5° 1	0°56	2°18	14°58	3° 6	M18
T 19	17 50 35	28° 4'59	20°40	21° 2	21°49	16°23	28°15	4°40	13° 7	0°50	5° 2	0°55	2°15	15° 5	3°12	T 19
W20	17 54 32	29° 2'13	5♏12	21°31	23° 3	16°41	28° 9	4°47	13°D 7	0°52	5° 3	0°52	2°12	15°12	3°18	W20
T 21	17 58 29	29°59'26	19°59	21°56	24°16	17° 0	28° 4	4°54	13° 7	0°54	5° 5	0°48	2° 8	15°19	3°24	T 21
F 22	18 2 25	0♋56'38	4♐52	22°16	25°30	17°19	27°58	5° 0	13° 7	0°56	5° 6	0°44	2° 5	15°25	3°30	F 22
S 23	18 6 22	1°53'50	19°45	22°32	26°43	17°38	27°53	5° 7	13° 7	0°58	5° 7	0°40	2° 2	15°32	3°36	S 23
S 24	18 10 18	2°51'02	4♑29	22°43	27°57	17°58	27°48	5°14	13° 8	1° 0	5° 8	0°37	1°59	15°39	3°42	S 24
M25	18 14 15	3°48'13	18°57	22°50	29°11	18°19	27°43	5°21	13° 8	1° 2	5°10	0°35	1°56	15°45	3°48	M25
T 26	18 18 11	4°45'25	3♒ 4	22°R52	0♋24	18°40	27°38	5°28	13° 8	1° 4	5°11	0°D35	1°53	15°52	3°54	T 26
W27	18 22 8	5°42'36	16°45	22°49	1°38	19° 1	27°33	5°35	13° 8	1° 6	5°12	0°36	1°49	15°59	4° 0	W27
T 28	18 26 5	6°39'47	0♓ 2	22°42	2°52	19°23	27°29	5°42	13° 9	1° 8	5°13	0°37	1°46	16° 6	4° 6	T 28
F 29	18 30 1	7°36'58	12°55	22°31	4° 5	19°45	27°25	5°49	13° 9	1°10	5°14	0°38	1°43	16°12	4°12	F 29
S 30	18 33 58	8♋34'09	25♓27	22♋15	5♋19	20♎ 8	27♏20	5♌57	13♎10	1♊12	5♊15	0♌40	1♌40	16♉19	4♋18	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 5	12s24	2s47	25n36	2n10	19n22	0s46	4s48	0n10	19s16	0n58	20n 8	0n37	4s38	0n40	18n37	1s38	9n21	11s55	19n46	19n27	10n56	17n37	5s50
S 2	22 13	8 27	3 39	25 32	2 8	19 39	0 44	4 53	0 8	19 15	0 58	20 7	0 37	4 37	0 40	18 37	1 38	9 21	11 55	19 46	19 28	10 58	17 37	5 50
S 3	22 21	4 14	4 20	25 27	2 5	19 56	0 41	4 58	0 5	19 13	0 58	20 6	0 37	4 37	0 40	18 38	1 38	9 22	11 55	19 46	19 29	11 0	17 37	5 50
M 4	22 28	0n 4	4 49	25 19	2 1	20 13	0 39	5 4	0 4	19 12	0 58	20 4	0 37	4 37	0 40	18 38	1 38	9 22	11 55	19 47	19 29	11 2	17 37	5 50
T 5	22 34	4 20	5 4	25 11	1 57	20 29	0 37	5 9	0 2	19 10	0 58	20 3	0 37	4 36	0 40	18 39	1 38	9 22	11 55	19 48	19 30	11 4	17 37	5 50
W 6	22 41	8 25	5 7	25 1	1 52	20 44	0 35	5 15	0s 0	19 9	0 57	20 2	0 37	4 36	0 40	18 39	1 38	9 22	11 55	19 50	19 31	11 7	17 37	5 50
T 7	22 47	12 11	4 56	24 49	1 46	20 59	0 32	5 21	0 2	19 8	0 57	20 0	0 37	4 36	0 40	18 39	1 38	9 23	11 55	19 52	19 32	11 9	17 37	5 50
F 8	22 52	15 29	4 33	24 37	1 40	21 13	0 30	5 27	0 4	19 6	0 57	19 59	0 37	4 36	0 40	18 40	1 38	9 23	11 55	19 53	19 32	11 11	17 36	5 50
S 9	22 57	18 10	3 57	24 23	1 33	21 26	0 28	5 33	0 6	19 5	0 57	19 58	0 37	4 35	0 40	18 40	1 38	9 23	11 55	19 55	19 33	11 13	17 36	5 50
S 10	23 2	20 5	3 11	24 9	1 25	21 39	0 25	5 40	0 8	19 4	0 57	19 56	0 37	4 35	0 40	18 41	1 38	9 23	11 55	19 57	19 34	11 15	17 36	5 50
M11	23 6	21 6	2 15	23 53	1 16	21 52	0 23	5 47	0 10	19 3	0 57	19 55	0 37	4 35	0 40	18 41	1 38	9 23	11 55	19 58	19 34	11 17	17 36	5 50
T 12	23 10	21 7	1 12	23 37	1 7	22 3	0 21	5 54	0 11	19 1	0 56	19 53	0 37	4 35	0 40	18 42	1 38	9 24	11 55	19 58	19 35	11 19	17 36	5 50
W13	23 14	20 5	0 5	23 20	0 57	22 15	0 18	6 1	0 13	19 0	0 56	19 52	0 37	4 35	0 40	18 42	1 38	9 24	11 55	19 58	19 36	11 21	17 36	5 49
T 14	23 17	18 1	1n 4	23 3	0 46	22 25	0 16	6 8	0 15	18 59	0 56	19 50	0 37	4 35	0 40	18 42	1 38	9 24	11 55	19 58	19 37	11 23	17 36	5 49
F 15	23 20	15 1	2 11	22 45	0 35	22 35	0 14	6 16	0 16	18 58	0 56	19 49	0 37	4 35	0 40	18 43	1 38	9 24	11 55	19 58	19 37	11 26	17 36	5 49
S 16	23 22	11 11	3 13	22 27	0 23	22 44	0 11	6 24	0 18	18 56	0 56	19 47	0 37	4 35	0 40	18 43	1 38	9 24	11 55	19 58	19 38	11 28	17 36	5 49
S 17	23 24	6 43	4 5	22 9	0 10	22 53	0 9	6 31	0 20	18 55	0 56	19 46	0 37	4 35	0 40	18 44	1 38	9 24	11 55	19 58	19 39	11 30	17 36	5 49
M18	23 25	1 48	4 44	21 50	0s 3	23 1	0 6	6 40	0 21	18 54	0 55	19 44	0 37	4 34	0 40	18 44	1 38	9 25	11 55	19 58	19 39	11 32	17 36	5 49
T 19	23 26	3s20	5 7	21 32	0 17	23 8	0 4	6 48	0 23	18 53	0 55	19 43	0 37	4 34	0 40	18 44	1 38	9 25	11 55	19 58	19 40	11 34	17 35	5 50
W20	23 27	8 22	5 11	21 13	0 31	23 15	0 2	6 56	0 24	18 52	0 55	19 41	0 37	4 35	0 40	18 45	1 38	9 25	11 55	19 59	19 41	11 36	17 35	5 50
T 21	23 27	13 0	4 55	20 55	0 46	23 20	0n 1	7 5	0 26	18 51	0 55	19 40	0 37	4 35	0 40	18 45	1 38	9 25	11 55	19 59	19 42	11 38	17 35	5 50
F 22	23 27	16 53	4 19	20 37	1 1	23 26	0 3	7 13	0 27	18 50	0 55	19 38	0 38	4 35	0 40	18 46	1 38	9 25	11 55	20 0	19 42	11 40	17 35	5 50
S 23	23 26	19 39	3 25	20 19	1 16	23 30	0 6	7 22	0 29	18 49	0 54	19 36	0 38	4 35	0 39	18 46	1 38	9 25	11 55	20 1	19 43	11 42	17 35	5 50
S 24	23 25	21 4	2 18	20 2	1 32	23 34	0 8	7 31	0 30	18 48	0 54	19 35	0 38	4 35	0 39	18 46	1 38	9 25	11 56	20 2	19 44	11 45	17 34	5 50
M25	23 24	21 4	1 3	19 45	1 48	23 37	0 10	7 40	0 32	18 47	0 54	19 33	0 38	4 35	0 39	18 47	1 38	9 26	11 56	20 2	19 44	11 47	17 34	5 50
T 26	23 22	19 42	0s14	19 29	2 4	23 40	0 13	7 50	0 33	18 46	0 54	19 31	0 38	4 35	0 39	18 47	1 38	9 26	11 56	20 2	19 45	11 49	17 34	5 50
W27	23 20	17 13	1 28	19 13	2 20	23 42	0 15	7 59	0 35	18 45	0 53	19 30	0 38	4 35	0 39	18 48	1 38	9 26	11 56	20 2	19 46	11 51	17 34	5 50
T 28	23 17	13 53	2 35	18 59	2 36	23 43	0 17	8 9	0 36	18 45	0 53	19 28	0 38	4 35	0 39	18 48	1 38	9 26	11 56	20 2	19 47	11 53	17 33	5 50
F 29	23 14	9 59	3 32	18 45	2 51	23 43	0 20	8 18	0 37	18 44	0 53	19 26	0 38	4 36	0 39	18 48	1 38	9 26	11 56	20 1	19 47	11 55	17 33	5 50
S 30	23n10	5s45	4s18	18n33	3s 7	23n43	0n22	8s28	0s39	18s43	0n53	19n25	0n38	4s36	0n39	18n49	1s38	9n26	11s56	20n 1	19n48	11n57	17n33	5s50

Julian Day Number = 2410789.5, Delta T = -3.94 sec
Ecliptic obliquity = 23°27'08, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°10'55, Lahiri = 22°17'56

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ASTRODIENST EPHEMERIS for the year 1888
geocentric

JULY 1888 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 37 54	9♋31'21	7♈43	21°R55	6♋33	20♎31	27°R16	6♌ 4	13♎10	1♊14	5♊17	0°R40	1♌37	16♉26	4♋24	S 1
M 2	18 41 51	10°28'33	19°46	21♋31	7°46	20°54	27♏12	6°11	13°11	1°16	5°18	0♌40	1°34	16°32	4°30	M 2
T 3	18 45 47	11°25'44	1♉42	21° 4	9° 0	21°18	27° 9	6°18	13°12	1°17	5°19	0°39	1°30	16°39	4°36	T 3
W 4	18 49 44	12°22'57	13°34	20°33	10°14	21°42	27° 5	6°25	13°12	1°19	5°20	0°37	1°27	16°46	4°42	W 4
T 5	18 53 40	13°20'09	25°27	20° 0	11°27	22° 7	27° 2	6°33	13°13	1°21	5°21	0°34	1°24	16°53	4°48	T 5
F 6	18 57 37	14°17'22	7♊24	19°24	12°41	22°31	26°58	6°40	13°14	1°23	5°22	0°32	1°21	16°59	4°54	F 6
S 7	19 1 34	15°14'35	19°29	18°47	13°55	22°57	26°55	6°47	13°15	1°24	5°23	0°30	1°18	17° 6	5° 0	S 7
S 8	19 5 30	16°11'48	1♋42	18° 9	15° 9	23°22	26°52	6°55	13°16	1°26	5°24	0°28	1°14	17°13	5° 6	S 8
M 9	19 9 27	17° 9'02	14° 7	17°31	16°23	23°48	26°50	7° 2	13°16	1°28	5°26	0°26	1°11	17°20	5°11	M 9
T 10	19 13 23	18° 6'16	26°44	16°53	17°36	24°15	26°47	7°10	13°17	1°30	5°27	0°D26	1° 8	17°26	5°17	T 10
W11	19 17 20	19° 3'30	9♌35	16°16	18°50	24°41	26°45	7°17	13°19	1°31	5°28	0°26	1° 5	17°33	5°23	W11
T 12	19 21 16	20° 0'44	22°38	15°40	20° 4	25° 8	26°42	7°25	13°20	1°33	5°29	0°27	1° 2	17°40	5°29	T 12
F 13	19 25 13	20°57'58	5♍56	15° 7	21°18	25°36	26°40	7°32	13°21	1°35	5°30	0°27	0°59	17°46	5°35	F 13
S 14	19 29 9	21°55'13	19°27	14°36	22°32	26° 3	26°39	7°40	13°22	1°36	5°31	0°28	0°55	17°53	5°41	S 14
S 15	19 33 6	22°52'27	3♎11	14° 9	23°46	26°31	26°37	7°47	13°23	1°38	5°32	0°29	0°52	18° 0	5°47	S 15
M16	19 37 3	23°49'42	17° 8	13°46	24°59	27° 0	26°35	7°55	13°25	1°39	5°33	0°29	0°49	18° 7	5°53	M16
T 17	19 40 59	24°46'56	1♏17	13°27	26°13	27°28	26°34	8° 2	13°26	1°41	5°34	0°R29	0°46	18°13	5°58	T 17
W18	19 44 56	25°44'11	15°36	13°13	27°27	27°57	26°33	8°10	13°27	1°42	5°35	0°29	0°43	18°20	6° 4	W18
T 19	19 48 52	26°41'26	0♐ 1	13° 4	28°41	28°26	26°32	8°17	13°29	1°44	5°35	0°29	0°40	18°27	6°10	T 19
F 20	19 52 49	27°38'42	14°29	13°D 0	29°55	28°56	26°31	8°25	13°30	1°45	5°36	0°28	0°36	18°33	6°16	F 20
S 21	19 56 45	28°35'58	28°56	13° 2	1♌ 9	29°25	26°31	8°33	13°32	1°47	5°37	0°28	0°33	18°40	6°21	S 21
S 22	20 0 42	29°33'14	13♑16	13°10	2°23	29°55	26°30	8°40	13°34	1°48	5°38	0°28	0°30	18°47	6°27	S 22
M23	20 4 38	0♌30'31	27°23	13°23	3°37	0♏26	26°30	8°48	13°35	1°49	5°39	0°28	0°27	18°54	6°33	M23
T 24	20 8 35	1°27'48	11♒15	13°43	4°51	0°56	26°D30	8°56	13°37	1°51	5°40	0°28	0°24	19° 0	6°39	T 24
W25	20 12 32	2°25'06	24°48	14° 8	6° 5	1°27	26°30	9° 3	13°39	1°52	5°41	0°28	0°20	19° 7	6°44	W25
T 26	20 16 28	3°22'25	8♓ 1	14°40	7°18	1°58	26°31	9°11	13°40	1°53	5°42	0°28	0°17	19°14	6°50	T 26
F 27	20 20 25	4°19'45	20°53	15°17	8°32	2°29	26°31	9°19	13°42	1°55	5°42	0°27	0°14	19°20	6°55	F 27
S 28	20 24 21	5°17'05	3♈26	16° 0	9°46	3° 1	26°32	9°27	13°44	1°56	5°43	0°27	0°11	19°27	7° 1	S 28
S 29	20 28 18	6°14'27	15°44	16°50	11° 0	3°32	26°33	9°34	13°46	1°57	5°44	0°26	0° 8	19°34	7° 6	S 29
M30	20 32 14	7°11'50	27°48	17°45	12°14	4° 4	26°34	9°42	13°48	1°58	5°45	0°26	0° 5	19°41	7°12	M30
T 31	20 36 11	8♌ 9'14	9♉45	18♋46	13♌28	4♏37	26♏35	9♌50	13♎50	1♊59	5♊45	0°D26	0♌ 1	19♉47	7♋17	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 7	1s23	4s50	18n21	3s21	23n42	0n24	8s38	0s40	18s42	0n53	19n23	0n38	4s36	0n39	18n49	1s38	9n26	11s56	20n 1	19n49	11n59	17n33	5s50
M 2	23 2	2n58	5 9	18 11	3 36	23 40	0 27	8 48	0 41	18 42	0 52	19 21	0 38	4 36	0 39	18 49	1 38	9 26	11 56	20 1	19 49	12 1	17 32	5 50
T 3	22 58	7 9	5 15	18 2	3 49	23 38	0 29	8 58	0 42	18 41	0 52	19 19	0 38	4 37	0 39	18 50	1 38	9 26	11 56	20 1	19 50	12 3	17 32	5 51
W 4	22 53	11 2	5 7	17 54	4 2	23 34	0 31	9 8	0 44	18 40	0 52	19 18	0 38	4 37	0 39	18 50	1 38	9 26	11 57	20 2	19 51	12 6	17 32	5 51
T 5	22 47	14 30	4 46	17 47	4 13	23 31	0 33	9 19	0 45	18 40	0 52	19 16	0 38	4 37	0 39	18 50	1 38	9 26	11 57	20 2	19 52	12 8	17 31	5 51
F 6	22 41	17 24	4 12	17 42	4 23	23 26	0 35	9 29	0 46	18 39	0 51	19 14	0 38	4 38	0 39	18 51	1 38	9 27	11 57	20 3	19 52	12 10	17 31	5 51
S 7	22 35	19 35	3 27	17 38	4 32	23 21	0 38	9 39	0 47	18 39	0 51	19 12	0 38	4 38	0 39	18 51	1 38	9 27	11 57	20 3	19 53	12 12	17 31	5 51
S 8	22 28	20 54	2 32	17 36	4 40	23 15	0 40	9 50	0 48	18 38	0 51	19 10	0 38	4 38	0 39	18 51	1 38	9 27	11 57	20 4	19 54	12 14	17 30	5 51
M 9	22 21	21 14	1 29	17 35	4 46	23 8	0 42	10 1	0 50	18 38	0 51	19 9	0 38	4 39	0 39	18 52	1 38	9 27	11 57	20 4	19 54	12 16	17 30	5 51
T 10	22 14	20 29	0 20	17 35	4 50	23 1	0 44	10 11	0 51	18 38	0 51	19 7	0 39	4 39	0 39	18 52	1 38	9 27	11 57	20 4	19 55	12 18	17 30	5 52
W11	22 6	18 40	0n50	17 37	4 53	22 53	0 46	10 22	0 52	18 37	0 50	19 5	0 39	4 40	0 39	18 52	1 38	9 27	11 57	20 4	19 56	12 20	17 29	5 52
T 12	21 58	15 52	2 0	17 40	4 54	22 44	0 48	10 33	0 53	18 37	0 50	19 3	0 39	4 40	0 39	18 52	1 38	9 27	11 58	20 4	19 56	12 22	17 29	5 52
F 13	21 49	12 12	3 4	17 44	4 53	22 35	0 50	10 44	0 54	18 37	0 50	19 1	0 39	4 41	0 39	18 53	1 39	9 27	11 58	20 4	19 57	12 24	17 28	5 52
S 14	21 40	7 51	3 59	17 50	4 51	22 25	0 52	10 55	0 55	18 37	0 50	18 59	0 39	4 41	0 39	18 53	1 39	9 27	11 58	20 4	19 58	12 26	17 28	5 52
S 15	21 31	3 3	4 42	17 56	4 47	22 14	0 54	11 6	0 56	18 37	0 49	18 58	0 39	4 42	0 39	18 53	1 39	9 27	11 58	20 4	19 58	12 28	17 27	5 52
M16	21 21	1s59	5 8	18 4	4 42	22 3	0 55	11 18	0 57	18 36	0 49	18 56	0 39	4 42	0 39	18 54	1 39	9 27	11 58	20 3	19 59	12 31	17 27	5 53
T 17	21 11	6 58	5 17	18 12	4 35	21 51	0 57	11 29	0 58	18 36	0 49	18 54	0 39	4 43	0 39	18 54	1 39	9 27	11 58	20 3	20 0	12 33	17 27	5 53
W18	21 1	11 38	5 6	18 22	4 27	21 39	0 59	11 40	0 59	18 36	0 49	18 52	0 39	4 43	0 38	18 54	1 39	9 27	11 58	20 4	20 1	12 35	17 26	5 53
T 19	20 50	15 40	4 36	18 32	4 18	21 25	1 1	11 51	1 0	18 36	0 48	18 50	0 39	4 44	0 38	18 54	1 39	9 27	11 59	20 4	20 1	12 37	17 26	5 53
F 20	20 39	18 46	3 48	18 42	4 8	21 12	1 2	12 3	1 1	18 36	0 48	18 48	0 39	4 45	0 38	18 55	1 39	9 27	11 59	20 4	20 2	12 39	17 25	5 54
S 21	20 27	20 41	2 46	18 54	3 56	20 57	1 4	12 14	1 2	18 37	0 48	18 46	0 39	4 45	0 38	18 55	1 39	9 27	11 59	20 4	20 3	12 41	17 25	5 54
S 22	20 15	21 14	1 34	19 5	3 44	20 42	1 5	12 26	1 3	18 37	0 48	18 44	0 39	4 46	0 38	18 55	1 39	9 27	11 59	20 4	20 3	12 43	17 24	5 54
M23	20 3	20 25	0 17	19 17	3 31	20 26	1 7	12 37	1 4	18 37	0 47	18 42	0 39	4 47	0 38	18 55	1 39	9 27	11 59	20 4	20 4	12 45	17 24	5 54
T 24	19 51	18 22	0s59	19 28	3 17	20 10	1 8	12 49	1 5	18 37	0 47	18 40	0 39	4 47	0 38	18 56	1 39	9 27	11 59	20 4	20 5	12 47	17 23	5 55
W25	19 38	15 19	2 11	19 40	3 3	19 53	1 10	13 0	1 5	18 37	0 47	18 38	0 40	4 48	0 38	18 56	1 39	9 27	12 0	20 4	20 5	12 49	17 22	5 55
T 26	19 25	11 34	3 13	19 51	2 48	19 36	1 11	13 12	1 6	18 38	0 47	18 36	0 40	4 49	0 38	18 56	1 39	9 27	12 0	20 4	20 6	12 51	17 22	5 55
F 27	19 11	7 22	4 4	20 2	2 33	19 18	1 12	13 24	1 7	18 38	0 46	18 34	0 40	4 49	0 38	18 56	1 39	9 27	12 0	20 4	20 7	12 53	17 21	5 55
S 28	18 57	2 57	4 42	20 12	2 18	19 0	1 14	13 35	1 8	18 38	0 46	18 32	0 40	4 50	0 38	18 56	1 39	9 27	12 0	20 4	20 7	12 55	17 21	5 56
S 29	18 43	1n29	5 6	20 22	2 3	18 41	1 15	13 47	1 9	18 39	0 46	18 30	0 40	4 51	0 38	18 57	1 39	9 27	12 0	20 4	20 8	12 57	17 20	5 56
M30	18 29	5 46	5 16	20 30	1 47	18 21	1 16	13 59	1 10	18 39	0 46	18 28	0 40	4 52	0 38	18 57	1 39	9 27	12 1	20 4	20 9	12 59	17 20	5 56
T 31	18n14	9n48	5s13	20n37	1s32	18n 1	1n17	14s10	1s10	18s40	0n46	18n26	0n40	4s53	0n38	18n57	1s39	9n26	12s 1	20n 4	20n 9	13n 2	17n19	5s57

Julian Day Number = 2410819.5, Delta T = -3.93 sec
Ecliptic obliquity = 23°27'08, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°10'59, Lahiri = 22°18'00

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ASTRODIENST EPHEMERIS for the year 1888
geocentric

AUGUST 1888 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 40 7	9♌ 6'39	21♉38	19♋52	14♌42	5♏ 9	26♏36	9♌57	13♎52	2♊ 0	5♊46	0♌26	29♋58	19♉54	7♋23	W 1
T 2	20 44 4	10° 4'05	3♊32	21° 4	15°56	5°42	26°38	10° 5	13°54	2° 1	5°47	0°27	29°55	20° 1	7°28	T 2
F 3	20 48 1	11° 1'33	15°31	22°21	17°10	6°15	26°40	10°13	13°56	2° 3	5°47	0°27	29°52	20° 7	7°34	F 3
S 4	20 51 57	11°59'01	27°40	23°44	18°24	6°48	26°42	10°21	13°59	2° 4	5°48	0°29	29°49	20°14	7°39	S 4
S 5	20 55 54	12°56'31	10♋ 1	25°11	19°39	7°21	26°44	10°28	14° 1	2° 5	5°49	0°29	29°46	20°21	7°44	S 5
M 6	20 59 50	13°54'03	22°38	26°43	20°53	7°55	26°46	10°36	14° 3	2° 6	5°49	0°30	29°42	20°28	7°50	M 6
T 7	21 3 47	14°51'35	5♌32	28°19	22° 7	8°29	26°49	10°44	14° 5	2° 6	5°50	0°R30	29°39	20°34	7°55	T 7
W 8	21 7 43	15°49'08	18°43	29°59	23°21	9° 3	26°52	10°51	14° 8	2° 7	5°50	0°30	29°36	20°41	8° 0	W 8
T 9	21 11 40	16°46'43	2♍12	1♌44	24°35	9°37	26°54	10°59	14°10	2° 8	5°51	0°28	29°33	20°48	8° 5	T 9
F 10	21 15 36	17°44'18	15°55	3°32	25°49	10°12	26°57	11° 7	14°13	2° 9	5°52	0°26	29°30	20°54	8°10	F 10
S 11	21 19 33	18°41'55	29°50	5°22	27° 3	10°46	27° 1	11°14	14°15	2°10	5°52	0°24	29°26	21° 1	8°15	S 11
S 12	21 23 30	19°39'32	13♎55	7°15	28°17	11°21	27° 4	11°22	14°18	2°11	5°53	0°21	29°23	21° 8	8°20	S 12
M13	21 27 26	20°37'11	28° 6	9°11	29°31	11°56	27° 8	11°30	14°20	2°11	5°53	0°19	29°20	21°15	8°25	M13
T 14	21 31 23	21°34'51	12♏20	11° 8	0♍45	12°32	27°11	11°37	14°23	2°12	5°54	0°18	29°17	21°21	8°30	T 14
W15	21 35 19	22°32'31	26°33	13° 7	2° 0	13° 7	27°15	11°45	14°26	2°13	5°54	0°D18	29°14	21°28	8°35	W15
T 16	21 39 16	23°30'13	10♐45	15° 7	3°14	13°43	27°19	11°53	14°28	2°14	5°54	0°19	29°11	21°35	8°40	T 16
F 17	21 43 12	24°27'55	24°51	17° 7	4°28	14°18	27°23	12° 0	14°31	2°14	5°55	0°20	29° 7	21°41	8°45	F 17
S 18	21 47 9	25°25'39	8♑52	19° 8	5°42	14°54	27°28	12° 8	14°34	2°15	5°55	0°22	29° 4	21°48	8°50	S 18
S 19	21 51 5	26°23'24	22°44	21° 9	6°56	15°31	27°32	12°15	14°37	2°15	5°56	0°22	29° 1	21°55	8°54	S 19
M20	21 55 2	27°21'10	6♒26	23°10	8°10	16° 7	27°37	12°23	14°39	2°16	5°56	0°R23	28°58	22° 2	8°59	M20
T 21	21 58 59	28°18'58	19°55	25°11	9°24	16°44	27°42	12°31	14°42	2°16	5°56	0°21	28°55	22° 8	9° 4	T 21
W22	22 2 55	29°16'46	3♓11	27°11	10°38	17°20	27°47	12°38	14°45	2°17	5°57	0°19	28°51	22°15	9° 8	W22
T 23	22 6 52	0♍14'37	16°11	29°10	11°53	17°57	27°52	12°46	14°48	2°17	5°57	0°15	28°48	22°22	9°13	T 23
F 24	22 10 48	1°12'28	28°55	1♍ 9	13° 7	18°34	27°57	12°53	14°51	2°18	5°57	0°10	28°45	22°28	9°17	F 24
S 25	22 14 45	2°10'22	11♈25	3° 6	14°21	19°11	28° 3	13° 1	14°54	2°18	5°57	0° 4	28°42	22°35	9°21	S 25
S 26	22 18 41	3° 8'17	23°40	5° 3	15°35	19°49	28° 9	13° 8	14°57	2°18	5°58	29♋59	28°39	22°42	9°26	S 26
M27	22 22 38	4° 6'14	5♉44	6°58	16°49	20°26	28°14	13°15	15° 0	2°19	5°58	29°55	28°36	22°49	9°30	M27
T 28	22 26 34	5° 4'13	17°40	8°53	18° 3	21° 4	28°20	13°23	15° 3	2°19	5°58	29°52	28°32	22°55	9°34	T 28
W29	22 30 31	6° 2'13	29°32	10°46	19°18	21°42	28°26	13°30	15° 6	2°19	5°58	29°50	28°29	23° 2	9°38	W29
T 30	22 34 27	7° 0'16	11♊25	12°38	20°32	22°20	28°33	13°37	15° 9	2°19	5°58	29°D50	28°26	23° 9	9°43	T 30
F 31	22 38 24	7♍58'21	23♊24	14♍28	21♍46	22♏58	28♏39	13♌45	15♎13	2♊20	5♊58	29♋51	28♋23	23♉15	9♋47	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	17n59	13n25	4s55	20n43	1s17	17n41	1n18	14s22	1s11	18s40	0n45	18n24	0n40	4s53	0n38	18n57	1s39	9n26	12s 1	20n 4	20n10	13n 4	17n18	5s57	W 1
T 2	17 44	16 31	4 26	20 47	1 2	17 20	1 19	14 34	1 12	18 41	0 45	18 22	0 40	4 54	0 38	18 57	1 39	9 26	12 1	20 4	20 11	13 6	17 18	5 57	T 2
F 3	17 28	18 57	3 44	20 50	0 47	16 58	1 20	14 45	1 13	18 42	0 45	18 20	0 40	4 55	0 38	18 57	1 39	9 26	12 1	20 4	20 11	13 8	17 17	5 58	F 3
S 4	17 12	20 34	2 52	20 50	0 32	16 36	1 21	14 57	1 13	18 42	0 45	18 18	0 40	4 56	0 38	18 58	1 39	9 26	12 1	20 4	20 12	13 10	17 17	5 58	S 4
S 5	16 56	21 14	1 51	20 49	0 18	16 14	1 22	15 8	1 14	18 43	0 44	18 16	0 40	4 57	0 38	18 58	1 40	9 26	12 2	20 3	20 13	13 12	17 16	5 58	S 5
M 6	16 40	20 50	0 43	20 45	0 5	15 51	1 22	15 20	1 15	18 44	0 44	18 14	0 41	4 58	0 38	18 58	1 40	9 26	12 2	20 3	20 13	13 14	17 15	5 59	M 6
T 7	16 23	19 21	0n28	20 38	0n 8	15 27	1 23	15 32	1 15	18 45	0 44	18 12	0 41	4 59	0 38	18 58	1 40	9 26	12 2	20 3	20 14	13 16	17 15	5 59	T 7
W 8	16 6	16 47	1 39	20 30	0 20	15 4	1 24	15 43	1 16	18 45	0 44	18 10	0 41	5 0	0 38	18 58	1 40	9 26	12 2	20 3	20 15	13 18	17 14	5 59	W 8
T 9	15 49	13 17	2 46	20 18	0 32	14 40	1 24	15 55	1 17	18 46	0 43	18 8	0 41	5 1	0 38	18 58	1 40	9 26	12 2	20 4	20 15	13 20	17 13	6 0	T 9
F 10	15 31	9 1	3 45	20 4	0 43	14 15	1 25	16 6	1 17	18 47	0 43	18 6	0 41	5 2	0 38	18 58	1 40	9 26	12 3	20 4	20 16	13 22	17 13	6 0	F 10
S 11	15 14	4 13	4 31	19 47	0 53	13 50	1 25	16 18	1 18	18 48	0 43	18 4	0 41	5 3	0 38	18 59	1 40	9 25	12 3	20 5	20 17	13 24	17 12	6 0	S 11
S 12	14 56	0s51	5 2	19 28	1 2	13 25	1 26	16 30	1 19	18 49	0 43	18 2	0 41	5 4	0 38	18 59	1 40	9 25	12 3	20 5	20 17	13 26	17 11	6 1	S 12
M13	14 38	5 54	5 14	19 6	1 10	12 59	1 26	16 41	1 19	18 50	0 43	18 0	0 41	5 5	0 38	18 59	1 40	9 25	12 3	20 6	20 18	13 28	17 11	6 1	M13
T 14	14 19	10 39	5 8	18 41	1 18	12 33	1 26	16 52	1 20	18 51	0 42	17 58	0 41	5 6	0 38	18 59	1 40	9 25	12 3	20 6	20 19	13 30	17 10	6 2	T 14
W15	14 0	14 49	4 42	18 14	1 24	12 7	1 26	17 4	1 20	18 52	0 42	17 56	0 41	5 7	0 37	18 59	1 40	9 25	12 4	20 6	20 19	13 32	17 9	6 2	W15
T 16	13 42	18 7	4 0	17 45	1 30	11 40	1 26	17 15	1 21	18 54	0 42	17 54	0 41	5 8	0 37	18 59	1 40	9 25	12 4	20 6	20 20	13 34	17 9	6 2	T 16
F 17	13 22	20 18	3 3	17 13	1 34	11 13	1 26	17 26	1 22	18 55	0 42	17 52	0 42	5 9	0 37	18 59	1 40	9 25	12 4	20 5	20 21	13 36	17 8	6 3	F 17
S 18	13 3	21 14	1 55	16 39	1 38	10 46	1 26	17 38	1 22	18 56	0 41	17 50	0 42	5 10	0 37	18 59	1 40	9 24	12 4	20 5	20 21	13 38	17 7	6 3	S 18
S 19	12 44	20 51	0 42	16 3	1 41	10 18	1 26	17 49	1 23	18 57	0 41	17 48	0 42	5 11	0 37	18 59	1 40	9 24	12 5	20 5	20 22	13 40	17 6	6 4	S 19
M20	12 24	19 13	0s33	15 26	1 44	9 50	1 26	18 0	1 23	18 58	0 41	17 46	0 42	5 12	0 37	18 59	1 40	9 24	12 5	20 5	20 23	13 42	17 6	6 4	M20
T 21	12 4	16 31	1 45	14 47	1 45	9 22	1 26	18 11	1 24	19 0	0 41	17 44	0 42	5 13	0 37	18 59	1 40	9 24	12 5	20 5	20 23	13 44	17 5	6 5	T 21
W22	11 44	12 59	2 50	14 7	1 46	8 54	1 25	18 22	1 24	19 1	0 41	17 42	0 42	5 15	0 37	18 59	1 40	9 24	12 5	20 6	20 24	13 46	17 4	6 5	W22
T 23	11 24	8 54	3 45	13 25	1 46	8 25	1 25	18 33	1 25	19 2	0 40	17 40	0 42	5 16	0 37	18 59	1 40	9 24	12 5	20 7	20 25	13 48	17 3	6 5	T 23
F 24	11 3	4 30	4 27	12 43	1 45	7 57	1 25	18 44	1 25	19 4	0 40	17 38	0 42	5 17	0 37	18 59	1 40	9 23	12 6	20 8	20 25	13 50	17 3	6 6	F 24
S 25	10 42	0 1	4 55	11 59	1 44	7 27	1 24	18 54	1 26	19 5	0 40	17 36	0 42	5 18	0 37	18 59	1 41	9 23	12 6	20 9	20 26	13 52	17 2	6 6	S 25
S 26	10 22	4n24	5 10	11 15	1 42	6 58	1 24	19 5	1 26	19 7	0 40	17 34	0 42	5 19	0 37	18 59	1 41	9 23	12 6	20 10	20 27	13 54	17 1	6 7	S 26
M27	10 1	8 34	5 10	10 30	1 40	6 29	1 23	19 16	1 27	19 8	0 40	17 32	0 43	5 21	0 37	18 59	1 41	9 23	12 6	20 11	20 27	13 56	17 0	6 7	M27
T 28	9 39	12 22	4 57	9 45	1 37	5 59	1 22	19 26	1 27	19 10	0 39	17 30	0 43	5 22	0 37	18 59	1 41	9 23	12 7	20 11	20 28	13 58	17 0	6 8	T 28
W29	9 18	15 39	4 31	8 59	1 34	5 29	1 21	19 36	1 28	19 11	0 39	17 28	0 43	5 23	0 37	18 59	1 41	9 23	12 7	20 12	20 29	14 0	16 59	6 8	W29
T 30	8 57	18 19	3 53	8 12	1 30	4 59	1 21	19 47	1 28	19 13	0 39	17 26	0 43	5 24	0 37	18 59	1 41	9 22	12 7	20 12	20 29	14 2	16 58	6 9	T 30
F 31	8n35	20n12	3s 5	7n26	1n26	4n29	1n20	19s57	1s28	19s14	0n39	17n24	0n43	5s25	0n37	18n59	1s41	9n22	12s 7	20n12	20n30	14n 4	16n57	6s 9	F 31

Julian Day Number = 2410850.5, Delta T = -3.92 sec
Ecliptic obliquity = 23°27'09, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°11'04, Lahiri = 22°18'04

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1888
geocentric

SEPTEMBER 1888 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 42 21	8♍56'27	5♋33	16♍18	23♍ 0	23♏36	28♏46	13♌52	15♎16	2♊20	5♊58	29♋53	28♋20	23♉22	9♋51	S 1
S 2	22 46 17	9°54'36	17°58	18° 6	24°14	24°15	28°52	13°59	15°19	2°20	5°58	29°54	28°17	23°29	9°55	S 2
M 3	22 50 14	10°52'46	0♌41	19°53	25°28	24°53	28°59	14° 6	15°22	2°20	5°58	29°R55	28°13	23°35	9°58	M 3
T 4	22 54 10	11°50'58	13°47	21°39	26°43	25°32	29° 6	14°14	15°26	2°20	5°59	29°54	28°10	23°42	10° 2	T 4
W 5	22 58 7	12°49'12	27°15	23°24	27°57	26°11	29°13	14°21	15°29	2°R20	5°R59	29°51	28° 7	23°49	10° 6	W 5
T 6	23 2 3	13°47'28	11♍ 6	25° 7	29°11	26°50	29°20	14°28	15°32	2°20	5°59	29°46	28° 4	23°56	10°10	T 6
F 7	23 6 0	14°45'46	25°16	26°50	0♎25	27°29	29°28	14°35	15°36	2°20	5°58	29°40	28° 1	24° 2	10°13	F 7
S 8	23 9 56	15°44'05	9♎40	28°31	1°39	28° 8	29°35	14°42	15°39	2°20	5°58	29°33	27°57	24° 9	10°17	S 8
S 9	23 13 53	16°42'27	24°12	0♎11	2°54	28°48	29°43	14°49	15°42	2°20	5°58	29°25	27°54	24°16	10°20	S 9
M10	23 17 50	17°40'49	8♏45	1°50	4° 8	29°28	29°51	14°56	15°46	2°19	5°58	29°19	27°51	24°22	10°24	M10
T 11	23 21 46	18°39'14	23°14	3°28	5°22	0♐ 7	29°59	15° 3	15°49	2°19	5°58	29°15	27°48	24°29	10°27	T 11
W12	23 25 43	19°37'40	7♐33	5° 4	6°36	0°47	0♐ 7	15° 9	15°53	2°19	5°58	29°12	27°45	24°36	10°30	W12
T 13	23 29 39	20°36'07	21°41	6°40	7°50	1°27	0°15	15°16	15°56	2°19	5°58	29°D12	27°42	24°43	10°34	T 13
F 14	23 33 36	21°34'37	5♑36	8°15	9° 5	2° 7	0°23	15°23	16° 0	2°18	5°58	29°12	27°38	24°49	10°37	F 14
S 15	23 37 32	22°33'08	19°18	9°48	10°19	2°48	0°31	15°30	16° 3	2°18	5°57	29°13	27°35	24°56	10°40	S 15
S 16	23 41 29	23°31'40	2♒48	11°21	11°33	3°28	0°40	15°36	16° 7	2°18	5°57	29°R13	27°32	25° 3	10°43	S 16
M17	23 45 25	24°30'14	16° 5	12°52	12°47	4° 9	0°49	15°43	16°11	2°17	5°57	29°12	27°29	25° 9	10°46	M17
T 18	23 49 22	25°28'50	29°11	14°22	14° 1	4°49	0°57	15°50	16°14	2°17	5°57	29° 8	27°26	25°16	10°49	T 18
W19	23 53 19	26°27'28	12♓ 6	15°52	15°15	5°30	1° 6	15°56	16°18	2°16	5°56	29° 2	27°23	25°23	10°51	W19
T 20	23 57 15	27°26'07	24°49	17°20	16°29	6°11	1°15	16° 3	16°21	2°16	5°56	28°54	27°19	25°30	10°54	T 20
F 21	0 1 12	28°24'49	7♈21	18°47	17°44	6°52	1°24	16° 9	16°25	2°15	5°56	28°43	27°16	25°36	10°57	F 21
S 22	0 5 8	29°23'32	19°41	20°13	18°58	7°33	1°34	16°15	16°29	2°15	5°55	28°32	27°13	25°43	10°59	S 22
S 23	0 9 5	0♎22'18	1♉50	21°38	20°12	8°14	1°43	16°22	16°32	2°14	5°55	28°21	27°10	25°50	11° 2	S 23
M24	0 13 1	1°21'05	13°51	23° 2	21°26	8°56	1°52	16°28	16°36	2°14	5°55	28°11	27° 7	25°56	11° 4	M24
T 25	0 16 58	2°19'55	25°45	24°25	22°40	9°37	2° 2	16°34	16°40	2°13	5°54	28° 3	27° 3	26° 3	11° 6	T 25
W26	0 20 54	3°18'48	7♊35	25°47	23°54	10°19	2°12	16°40	16°43	2°12	5°54	27°57	27° 0	26°10	11° 8	W26
T 27	0 24 51	4°17'42	19°25	27° 7	25° 8	11° 0	2°21	16°46	16°47	2°12	5°53	27°54	26°57	26°16	11°11	T 27
F 28	0 28 47	5°16'39	1♋22	28°26	26°22	11°42	2°31	16°52	16°51	2°11	5°53	27°D52	26°54	26°23	11°13	F 28
S 29	0 32 44	6°15'38	13°28	29°44	27°37	12°24	2°41	16°58	16°54	2°10	5°52	27°52	26°51	26°30	11°15	S 29
S 30	0 36 41	7♎14'39	25♋51	1♏ 1	28♎51	13♐ 6	2♐51	17♌ 4	16♎58	2♊ 9	5♊52	27°R53	26♋48	26♉37	11♋17	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n13	21n12	2s 8	6n39	1n21	3n59	1n19	20s 7	1s29	19s16	0n38	17n22	0n43	5s27	0n37	18n59	1s41	9n22	12s 7	20n11	20n30	14n 6	16n56	6s10
S 2	7 51	21 11	1 4	5 52	1 16	3 29	1 18	20 17	1 29	19 18	0 38	17 20	0 43	5 28	0 37	18 59	1 41	9 22	12 8	20 11	20 31	14 8	16 56	6 10
M 3	7 29	20 5	0n 4	5 5	1 11	2 58	1 17	20 27	1 29	19 19	0 38	17 18	0 43	5 29	0 37	18 59	1 41	9 21	12 8	20 11	20 32	14 10	16 55	6 11
T 4	7 7	17 53	1 15	4 19	1 5	2 28	1 16	20 37	1 30	19 21	0 38	17 16	0 43	5 31	0 37	18 59	1 41	9 21	12 8	20 11	20 32	14 12	16 54	6 11
W 5	6 45	14 40	2 23	3 32	0 59	1 57	1 14	20 46	1 30	19 23	0 38	17 14	0 44	5 32	0 37	18 59	1 41	9 21	12 8	20 12	20 33	14 14	16 53	6 12
T 6	6 23	10 33	3 24	2 45	0 53	1 27	1 13	20 56	1 30	19 25	0 38	17 12	0 44	5 33	0 37	18 59	1 41	9 21	12 9	20 13	20 34	14 16	16 52	6 12
F 7	6 0	5 46	4 14	1 59	0 47	0 56	1 12	21 5	1 31	19 26	0 37	17 10	0 44	5 34	0 37	18 59	1 41	9 21	12 9	20 14	20 34	14 18	16 52	6 13
S 8	5 38	0 36	4 49	1 13	0 40	0 25	1 10	21 14	1 31	19 28	0 37	17 8	0 44	5 36	0 37	18 59	1 41	9 20	12 9	20 15	20 35	14 20	16 51	6 13
S 9	5 15	4s38	5 6	0 27	0 34	0s 6	1 9	21 23	1 31	19 30	0 37	17 6	0 44	5 37	0 37	18 59	1 41	9 20	12 9	20 17	20 36	14 22	16 50	6 14
M10	4 52	9 38	5 3	0s19	0 27	0 37	1 7	21 32	1 32	19 32	0 37	17 4	0 44	5 38	0 37	18 59	1 41	9 20	12 9	20 18	20 36	14 24	16 49	6 15
T 11	4 29	14 3	4 41	1 4	0 20	1 8	1 6	21 41	1 32	19 34	0 37	17 2	0 44	5 40	0 37	18 59	1 41	9 20	12 10	20 19	20 37	14 26	16 48	6 15
W12	4 7	17 37	4 2	1 49	0 13	1 38	1 4	21 50	1 32	19 36	0 36	17 0	0 44	5 41	0 37	18 59	1 42	9 19	12 10	20 20	20 37	14 28	16 48	6 16
T 13	3 44	20 4	3 8	2 34	0 5	2 9	1 3	21 58	1 33	19 37	0 36	16 59	0 45	5 43	0 37	18 59	1 42	9 19	12 10	20 20	20 38	14 30	16 47	6 16
F 14	3 21	21 17	2 3	3 18	0s 2	2 40	1 1	22 7	1 33	19 39	0 36	16 57	0 45	5 44	0 37	18 58	1 42	9 19	12 10	20 20	20 39	14 32	16 46	6 17
S 15	2 57	21 11	0 53	4 2	0 9	3 11	0 59	22 15	1 33	19 41	0 36	16 55	0 45	5 45	0 37	18 58	1 42	9 19	12 10	20 20	20 39	14 34	16 45	6 17
S 16	2 34	19 51	0s19	4 45	0 17	3 42	0 57	22 23	1 33	19 43	0 36	16 53	0 45	5 47	0 37	18 58	1 42	9 18	12 11	20 19	20 40	14 36	16 44	6 18
M17	2 11	17 26	1 29	5 28	0 24	4 12	0 55	22 31	1 34	19 45	0 35	16 51	0 45	5 48	0 37	18 58	1 42	9 18	12 11	20 20	20 41	14 38	16 44	6 19
T 18	1 48	14 9	2 33	6 10	0 32	4 43	0 53	22 39	1 34	19 47	0 35	16 49	0 45	5 49	0 37	18 58	1 42	9 18	12 11	20 21	20 41	14 40	16 43	6 19
W19	1 25	10 14	3 28	6 51	0 40	5 13	0 51	22 46	1 34	19 49	0 35	16 47	0 45	5 51	0 37	18 58	1 42	9 18	12 11	20 22	20 42	14 42	16 42	6 20
T 20	1 1	5 55	4 12	7 32	0 47	5 44	0 49	22 54	1 34	19 51	0 35	16 46	0 45	5 52	0 37	18 58	1 42	9 17	12 12	20 24	20 42	14 44	16 41	6 20
F 21	0 38	1 25	4 43	8 13	0 55	6 14	0 47	23 1	1 34	19 53	0 35	16 44	0 46	5 54	0 37	18 58	1 42	9 17	12 12	20 26	20 43	14 46	16 40	6 21
S 22	0 15	3n 5	5 0	8 52	1 3	6 44	0 45	23 8	1 34	19 55	0 35	16 42	0 46	5 55	0 37	18 57	1 42	9 17	12 12	20 28	20 44	14 48	16 40	6 22
S 23	0s 9	7 23	5 3	9 31	1 10	7 14	0 43	23 15	1 35	19 57	0 34	16 40	0 46	5 57	0 37	18 57	1 42	9 17	12 12	20 30	20 44	14 50	16 39	6 22
M24	0 32	11 21	4 52	10 10	1 18	7 44	0 41	23 22	1 35	19 59	0 34	16 39	0 46	5 58	0 37	18 57	1 42	9 16	12 12	20 32	20 45	14 52	16 38	6 23
T 25	0 56	14 51	4 29	10 47	1 25	8 14	0 38	23 28	1 35	20 1	0 34	16 37	0 46	5 59	0 37	18 57	1 42	9 16	12 13	20 34	20 46	14 54	16 37	6 23
W26	1 19	17 44	3 54	11 24	1 33	8 43	0 36	23 34	1 35	20 4	0 34	16 35	0 46	6 1	0 37	18 57	1 42	9 16	12 13	20 35	20 46	14 56	16 36	6 24
T 27	1 42	19 53	3 10	12 0	1 40	9 13	0 34	23 41	1 35	20 6	0 34	16 33	0 46	6 2	0 37	18 56	1 42	9 16	12 13	20 36	20 47	14 58	16 36	6 25
F 28	2 6	21 11	2 16	12 36	1 47	9 42	0 31	23 47	1 35	20 8	0 34	16 32	0 47	6 4	0 37	18 56	1 42	9 15	12 13	20 36	20 47	15 0	16 35	6 25
S 29	2 29	21 31	1 16	13 10	1 54	10 11	0 29	23 52	1 35	20 10	0 33	16 30	0 47	6 5	0 36	18 56	1 42	9 15	12 13	20 36	20 48	15 2	16 34	6 26
S 30	2s53	20n49	0s11	13s44	2s 1	10s39	0n27	23s58	1s35	20s12	0n33	16n28	0n47	6s 7	0n36	18n56	1s42	9n15	12s14	20n36	20n49	15n 4	16n33	6s27

Julian Day Number = 2410881.5, Delta T = -3.91 sec
Ecliptic obliquity = 23°27'10, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°11'08, Lahiri = 22°18'08

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ASTRODIENST EPHEMERIS for the year 1888
geocentric

OCTOBER 1888 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 40 37	8♎13'43	8♌34	2♏16	0♏ 5	13♐48	3♐ 2	17♌10	17♎ 2	2°R 8	5°R51	27°R52	26♋44	26♉43	11♋18	M 1
T 2	0 44 34	9°12'49	21°42	3°30	1°19	14°30	3°12	17°16	17° 6	2♊ 8	5♊51	27♋50	26°41	26°50	11°20	T 2
W 3	0 48 30	10°11'57	5♍18	4°42	2°33	15°13	3°22	17°21	17° 9	2° 7	5°50	27°45	26°38	26°57	11°22	W 3
T 4	0 52 27	11°11'08	19°21	5°52	3°47	15°55	3°33	17°27	17°13	2° 6	5°50	27°38	26°35	27° 3	11°23	T 4
F 5	0 56 23	12°10'20	3♎49	7° 0	5° 1	16°38	3°43	17°32	17°17	2° 5	5°49	27°28	26°32	27°10	11°25	F 5
S 6	1 0 20	13° 9'35	18°37	8° 7	6°15	17°20	3°54	17°38	17°21	2° 4	5°48	27°17	26°28	27°17	11°26	S 6
S 7	1 4 16	14° 8'51	3♏34	9°11	7°29	18° 3	4° 5	17°43	17°25	2° 3	5°48	27° 6	26°25	27°23	11°28	S 7
M 8	1 8 13	15° 8'10	18°33	10°13	8°43	18°46	4°16	17°49	17°28	2° 2	5°47	26°56	26°22	27°30	11°29	M 8
T 9	1 12 10	16° 7'31	3♐24	11°12	9°57	19°29	4°26	17°54	17°32	2° 1	5°47	26°49	26°19	27°37	11°30	T 9
W10	1 16 6	17° 6'53	17°59	12° 9	11°11	20°12	4°37	17°59	17°36	2° 0	5°46	26°44	26°16	27°44	11°31	W10
T 11	1 20 3	18° 6'17	2♑16	13° 3	12°26	20°55	4°49	18° 4	17°40	1°59	5°45	26°41	26°13	27°50	11°32	T 11
F 12	1 23 59	19° 5'43	16°11	13°53	13°40	21°38	5° 0	18° 9	17°44	1°58	5°44	26°41	26° 9	27°57	11°33	F 12
S 13	1 27 56	20° 5'11	29°47	14°39	14°54	22°22	5°11	18°14	17°47	1°56	5°44	26°41	26° 6	28° 4	11°34	S 13
S 14	1 31 52	21° 4'41	13♒ 4	15°22	16° 8	23° 5	5°22	18°19	17°51	1°55	5°43	26°40	26° 3	28°10	11°34	S 14
M15	1 35 49	22° 4'12	26° 5	16° 0	17°22	23°49	5°34	18°24	17°55	1°54	5°42	26°37	26° 0	28°17	11°35	M15
T 16	1 39 45	23° 3'45	8♓52	16°33	18°36	24°32	5°45	18°28	17°59	1°53	5°41	26°32	25°57	28°24	11°35	T 16
W17	1 43 42	24° 3'19	21°29	17° 1	19°50	25°16	5°57	18°33	18° 2	1°52	5°41	26°24	25°54	28°31	11°36	W17
T 18	1 47 39	25° 2'56	3♈55	17°23	21° 4	26° 0	6° 8	18°38	18° 6	1°50	5°40	26°13	25°50	28°37	11°36	T 18
F 19	1 51 35	26° 2'34	16°12	17°39	22°17	26°43	6°20	18°42	18°10	1°49	5°39	26° 0	25°47	28°44	11°36	F 19
S 20	1 55 32	27° 2'15	28°21	17°47	23°31	27°27	6°32	18°46	18°14	1°48	5°38	25°45	25°44	28°51	11°37	S 20
S 21	1 59 28	28° 1'57	10♉23	17°R49	24°45	28°11	6°44	18°51	18°17	1°46	5°37	25°31	25°41	28°57	11°R37	S 21
M22	2 3 25	29° 1'42	22°19	17°42	25°59	28°55	6°56	18°55	18°21	1°45	5°36	25°18	25°38	29° 4	11°37	M22
T 23	2 7 21	0♏ 1'29	4♊10	17°26	27°13	29°40	7° 8	18°59	18°25	1°44	5°35	25° 7	25°34	29°11	11°37	T 23
W24	2 11 18	1° 1'18	15°59	17° 2	28°27	0♑24	7°20	19° 3	18°29	1°42	5°35	24°59	25°31	29°17	11°36	W24
T 25	2 15 14	2° 1'09	27°49	16°28	29°41	1° 8	7°32	19° 7	18°32	1°41	5°34	24°54	25°28	29°24	11°36	T 25
F 26	2 19 11	3° 1'02	9♋43	15°45	0♐55	1°52	7°44	19°11	18°36	1°39	5°33	24°51	25°25	29°31	11°36	F 26
S 27	2 23 8	4° 0'57	21°47	14°54	2° 9	2°37	7°56	19°15	18°40	1°38	5°32	24°D50	25°22	29°37	11°35	S 27
S 28	2 27 4	5° 0'55	4♌ 6	13°54	3°23	3°21	8° 9	19°18	18°43	1°36	5°31	24°R50	25°19	29°44	11°35	S 28
M29	2 31 1	6° 0'54	16°44	12°47	4°36	4° 6	8°21	19°22	18°47	1°35	5°30	24°50	25°15	29°51	11°34	M29
T 30	2 34 57	7° 0'56	29°47	11°35	5°50	4°51	8°33	19°25	18°51	1°33	5°29	24°48	25°12	29°58	11°33	T 30
W31	2 38 54	8♏ 1'00	13♍19	10♏18	7♐ 4	5♑35	8♐46	19♌29	18♎54	1♊32	5♊28	24♋44	25♋ 9	0♊ 4	11♋33	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s16	19n 2	0n56	14s16	2s 8	11s 8	0n24	24s 3	1s36	20s14	0n33	16n27	0n47	6s 8	0n36	18n56	1s42	9n15	12s14	20n36	20n49	15n 6	16n32	6s27
T 2	3 39	16 13	2 3	14 48	2 15	11 36	0 22	24 8	1 36	20 16	0 33	16 25	0 47	6 9	0 36	18 55	1 42	9 14	12 14	20 36	20 50	15 8	16 32	6 28
W 3	4 2	12 26	3 5	15 19	2 21	12 4	0 19	24 13	1 36	20 18	0 33	16 24	0 47	6 11	0 36	18 55	1 43	9 14	12 14	20 37	20 50	15 9	16 31	6 28
T 4	4 26	7 51	3 57	15 48	2 28	12 32	0 17	24 18	1 36	20 20	0 33	16 22	0 47	6 12	0 36	18 55	1 43	9 14	12 14	20 39	20 51	15 11	16 30	6 29
F 5	4 49	2 42	4 36	16 17	2 34	12 59	0 14	24 22	1 36	20 23	0 32	16 20	0 48	6 14	0 36	18 55	1 43	9 14	12 14	20 41	20 52	15 13	16 29	6 30
S 6	5 12	2s42	4 58	16 44	2 39	13 26	0 11	24 26	1 36	20 25	0 32	16 19	0 48	6 15	0 36	18 55	1 43	9 13	12 15	20 43	20 52	15 15	16 29	6 30
S 7	5 35	8 1	4 59	17 10	2 45	13 53	0 9	24 30	1 36	20 27	0 32	16 17	0 48	6 17	0 36	18 54	1 43	9 13	12 15	20 45	20 53	15 17	16 28	6 31
M 8	5 58	12 52	4 40	17 35	2 50	14 19	0 6	24 34	1 36	20 29	0 32	16 16	0 48	6 18	0 36	18 54	1 43	9 13	12 15	20 47	20 53	15 19	16 27	6 32
T 9	6 21	16 53	4 2	17 58	2 55	14 45	0 3	24 38	1 36	20 31	0 32	16 14	0 48	6 20	0 36	18 54	1 43	9 12	12 15	20 48	20 54	15 21	16 26	6 32
W10	6 44	19 46	3 9	18 20	2 59	15 11	0 1	24 41	1 36	20 33	0 32	16 13	0 48	6 21	0 36	18 54	1 43	9 12	12 15	20 49	20 55	15 23	16 26	6 33
T 11	7 6	21 21	2 5	18 40	3 3	15 36	0s 2	24 44	1 36	20 36	0 32	16 12	0 49	6 22	0 36	18 53	1 43	9 12	12 15	20 50	20 55	15 25	16 25	6 34
F 12	7 29	21 33	0 55	18 58	3 6	16 1	0 5	24 47	1 36	20 38	0 31	16 10	0 49	6 24	0 36	18 53	1 43	9 12	12 16	20 50	20 56	15 27	16 24	6 34
S 13	7 51	20 29	0s16	19 15	3 9	16 26	0 8	24 50	1 36	20 40	0 31	16 9	0 49	6 25	0 36	18 53	1 43	9 11	12 16	20 50	20 56	15 29	16 23	6 35
S 14	8 14	18 16	1 25	19 30	3 11	16 50	0 10	24 52	1 36	20 42	0 31	16 7	0 49	6 27	0 36	18 53	1 43	9 11	12 16	20 50	20 57	15 31	16 23	6 36
M15	8 36	15 10	2 29	19 42	3 12	17 14	0 13	24 54	1 36	20 44	0 31	16 6	0 49	6 28	0 36	18 52	1 43	9 11	12 16	20 51	20 58	15 33	16 22	6 36
T 16	8 58	11 23	3 23	19 53	3 13	17 37	0 16	24 56	1 36	20 46	0 31	16 5	0 49	6 30	0 36	18 52	1 43	9 11	12 16	20 52	20 58	15 34	16 21	6 37
W17	9 20	7 9	4 6	20 1	3 13	18 0	0 19	24 58	1 36	20 48	0 31	16 4	0 50	6 31	0 36	18 52	1 43	9 10	12 16	20 53	20 59	15 36	16 21	6 38
T 18	9 42	2 41	4 37	20 6	3 12	18 23	0 21	24 59	1 35	20 51	0 31	16 2	0 50	6 33	0 36	18 51	1 43	9 10	12 16	20 55	20 59	15 38	16 20	6 38
F 19	10 4	1n50	4 55	20 8	3 10	18 45	0 24	25 0	1 35	20 53	0 30	16 1	0 50	6 34	0 36	18 51	1 43	9 10	12 17	20 58	21 0	15 40	16 19	6 39
S 20	10 25	6 14	4 59	20 7	3 6	19 6	0 27	25 1	1 35	20 55	0 30	16 0	0 50	6 35	0 36	18 51	1 43	9 9	12 17	21 0	21 1	15 42	16 19	6 40
S 21	10 47	10 21	4 50	20 3	3 2	19 27	0 30	25 2	1 35	20 57	0 30	15 59	0 50	6 37	0 36	18 51	1 43	9 9	12 17	21 3	21 1	15 44	16 18	6 40
M22	11 8	14 3	4 27	19 55	2 55	19 47	0 33	25 2	1 35	20 59	0 30	15 58	0 50	6 38	0 36	18 50	1 43	9 9	12 17	21 5	21 2	15 46	16 17	6 41
T 23	11 29	17 10	3 54	19 44	2 48	20 7	0 35	25 2	1 35	21 1	0 30	15 56	0 51	6 40	0 36	18 50	1 43	9 9	12 17	21 7	21 2	15 48	16 17	6 41
W24	11 50	19 34	3 10	19 28	2 39	20 27	0 38	25 2	1 35	21 3	0 30	15 55	0 51	6 41	0 36	18 50	1 43	9 8	12 17	21 9	21 3	15 50	16 16	6 42
T 25	12 11	21 8	2 18	19 8	2 28	20 46	0 41	25 1	1 35	21 6	0 30	15 54	0 51	6 43	0 36	18 49	1 43	9 8	12 17	21 10	21 3	15 52	16 15	6 43
F 26	12 31	21 47	1 19	18 43	2 15	21 4	0 44	25 1	1 34	21 8	0 29	15 53	0 51	6 44	0 36	18 49	1 43	9 8	12 17	21 10	21 4	15 53	16 15	6 43
S 27	12 52	21 25	0 16	18 14	2 1	21 21	0 46	25 0	1 34	21 10	0 29	15 52	0 51	6 45	0 36	18 49	1 43	9 8	12 18	21 10	21 5	15 55	16 14	6 44
S 28	13 12	20 2	0n49	17 41	1 45	21 39	0 49	24 59	1 34	21 12	0 29	15 51	0 51	6 47	0 36	18 48	1 43	9 7	12 18	21 10	21 5	15 57	16 14	6 45
M29	13 32	17 38	1 53	17 4	1 27	21 55	0 52	24 57	1 34	21 14	0 29	15 50	0 52	6 48	0 36	18 48	1 43	9 7	12 18	21 10	21 6	15 59	16 13	6 45
T 30	13 52	14 16	2 54	16 24	1 8	22 11	0 54	24 55	1 34	21 16	0 29	15 49	0 52	6 50	0 36	18 48	1 43	9 7	12 18	21 11	21 6	16 1	16 12	6 46
W31	14s11	10n 3	3n47	15s41	0s48	22s26	0s57	24s53	1s34	21s18	0n29	15n49	0n52	6s51	0n36	18n47	1s43	9n 7	12s18	21n12	21n 7	16n 3	16n12	6s47

Julian Day Number = 2410911.5, Delta T = -3.90 sec
Ecliptic obliquity = 23°27'10, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°11'12, Lahiri = 22°18'12

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ASTRODIENST EPHEMERIS for the year 1888
geocentric

NOVEMBER 1888 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 42 50	9♏ 1'07	27♍22	9°R 0	8♐18	6♑20	8♐58	19♌32	18♎58	1°R30	5°R27	24°R37	25♋ 6	0♊11	11°R32	T 1
F 2	2 46 47	10° 1'15	11♎53	7♏43	9°32	7° 5	9°11	19°35	19° 2	1♊29	5♊26	24♋28	25° 3	0°18	11♋31	F 2
S 3	2 50 43	11° 1'25	26°49	6°28	10°46	7°50	9°24	19°38	19° 5	1°27	5°25	24°17	25° 0	0°24	11°30	S 3
S 4	2 54 40	12° 1'37	12♏ 0	5°20	11°59	8°35	9°36	19°41	19° 9	1°26	5°24	24° 6	24°56	0°31	11°29	S 4
M 5	2 58 37	13° 1'51	27°17	4°19	13°13	9°20	9°49	19°44	19°12	1°24	5°23	23°56	24°53	0°38	11°27	M 5
T 6	3 2 33	14° 2'07	12♐27	3°28	14°27	10° 5	10° 2	19°47	19°16	1°23	5°22	23°48	24°50	0°44	11°26	T 6
W 7	3 6 30	15° 2'24	27°22	2°47	15°41	10°50	10°15	19°49	19°19	1°21	5°21	23°43	24°47	0°51	11°25	W 7
T 8	3 10 26	16° 2'43	11♑54	2°17	16°54	11°36	10°28	19°52	19°23	1°19	5°20	23°41	24°44	0°58	11°23	T 8
F 9	3 14 23	17° 3'04	26° 1	2° 0	18° 8	12°21	10°40	19°54	19°26	1°18	5°19	23°D40	24°40	1° 5	11°21	F 9
S 10	3 18 19	18° 3'25	9♒42	1°D53	19°22	13° 6	10°53	19°57	19°30	1°16	5°18	23°41	24°37	1°11	11°20	S 10
S 11	3 22 16	19° 3'48	22°59	1°58	20°36	13°52	11° 6	19°59	19°33	1°14	5°16	23°R41	24°34	1°18	11°18	S 11
M12	3 26 12	20° 4'13	5♓55	2°14	21°49	14°37	11°19	20° 1	19°37	1°13	5°15	23°40	24°31	1°25	11°16	M12
T 13	3 30 9	21° 4'39	18°33	2°39	23° 3	15°23	11°33	20° 3	19°40	1°11	5°14	23°36	24°28	1°31	11°14	T 13
W14	3 34 6	22° 5'06	0♈58	3°14	24°17	16° 8	11°46	20° 5	19°43	1° 9	5°13	23°30	24°25	1°38	11°12	W14
T 15	3 38 2	23° 5'34	13°12	3°56	25°30	16°54	11°59	20° 7	19°47	1° 8	5°12	23°21	24°21	1°45	11°10	T 15
F 16	3 41 59	24° 6'04	25°18	4°46	26°44	17°40	12°12	20° 9	19°50	1° 6	5°11	23°11	24°18	1°51	11° 8	F 16
S 17	3 45 55	25° 6'35	7♉17	5°41	27°57	18°26	12°25	20°10	19°53	1° 4	5°10	22°59	24°15	1°58	11° 6	S 17
S 18	3 49 52	26° 7'08	19°13	6°43	29°11	19°11	12°38	20°12	19°57	1° 3	5° 9	22°47	24°12	2° 5	11° 4	S 18
M19	3 53 48	27° 7'43	1♊ 4	7°49	0♑24	19°57	12°52	20°13	20° 0	1° 1	5° 8	22°37	24° 9	2°12	11° 1	M19
T 20	3 57 45	28° 8'19	12°55	8°59	1°38	20°43	13° 5	20°14	20° 3	0°59	5° 6	22°28	24° 5	2°18	10°59	T 20
W21	4 1 41	29° 8'56	24°45	10°13	2°51	21°29	13°18	20°16	20° 6	0°58	5° 5	22°22	24° 2	2°25	10°56	W21
T 22	4 5 38	0♐ 9'35	6♋38	11°29	4° 5	22°15	13°32	20°17	20° 9	0°56	5° 4	22°18	23°59	2°32	10°54	T 22
F 23	4 9 35	1°10'15	18°35	12°49	5°18	23° 1	13°45	20°18	20°12	0°54	5° 3	22°D16	23°56	2°38	10°51	F 23
S 24	4 13 31	2°10'57	0♌42	14°10	6°31	23°47	13°59	20°18	20°15	0°53	5° 2	22°17	23°53	2°45	10°48	S 24
S 25	4 17 28	3°11'41	13° 1	15°34	7°45	24°33	14°12	20°19	20°19	0°51	5° 1	22°18	23°50	2°52	10°45	S 25
M26	4 21 24	4°12'26	25°37	16°59	8°58	25°19	14°25	20°20	20°22	0°49	5° 0	22°19	23°46	2°58	10°43	M26
T 27	4 25 21	5°13'13	8♍35	18°25	10°11	26° 5	14°39	20°20	20°24	0°47	4°59	22°R19	23°43	3° 5	10°40	T 27
W28	4 29 17	6°14'01	21°58	19°52	11°25	26°52	14°52	20°21	20°27	0°46	4°57	22°18	23°40	3°12	10°37	W28
T 29	4 33 14	7°14'51	5♎50	21°21	12°38	27°38	15° 6	20°21	20°30	0°44	4°56	22°15	23°37	3°18	10°33	T 29
F 30	4 37 10	8♐15'42	20♎10	22♏50	13♑51	28♑24	15♐19	20♌21	20♎33	0♊42	4♊55	22♋10	23♋34	3♊25	10♋30	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s31	5n 9	4n29	14s56	0s28	22s41	1s 0	24s51	1s33	21s20	0n29	15n48	0n52	6s52	0n36	18n47	1s43	9n 6	12s18	21n13	21n 8	16n 5	16n11	6s47
F 2	14 50	0s11	4 54	14 12	0 7	22 55	1 2	24 49	1 33	21 22	0 29	15 47	0 52	6 54	0 36	18 47	1 43	9 6	12 18	21 14	21 8	16 7	16 11	6 48
S 3	15 9	5 39	5 1	13 28	0n14	23 8	1 5	24 46	1 33	21 24	0 28	15 46	0 52	6 55	0 36	18 46	1 43	9 6	12 18	21 16	21 9	16 8	16 10	6 49
S 4	15 27	10 53	4 47	12 47	0 33	23 21	1 7	24 43	1 33	21 26	0 28	15 45	0 53	6 56	0 36	18 46	1 43	9 6	12 18	21 18	21 9	16 10	16 10	6 49
M 5	15 46	15 28	4 13	12 9	0 52	23 33	1 10	24 40	1 32	21 28	0 28	15 45	0 53	6 58	0 36	18 46	1 43	9 5	12 18	21 20	21 10	16 12	16 9	6 50
T 6	16 4	18 59	3 20	11 36	1 9	23 45	1 12	24 36	1 32	21 30	0 28	15 44	0 53	6 59	0 36	18 45	1 44	9 5	12 18	21 21	21 10	16 14	16 9	6 50
W 7	16 21	21 11	2 15	11 7	1 24	23 55	1 15	24 32	1 32	21 32	0 28	15 43	0 53	7 0	0 36	18 45	1 44	9 5	12 18	21 22	21 11	16 16	16 8	6 51
T 8	16 39	21 53	1 2	10 44	1 38	24 5	1 17	24 28	1 32	21 34	0 28	15 43	0 53	7 2	0 36	18 45	1 44	9 5	12 19	21 23	21 12	16 18	16 8	6 52
F 9	16 56	21 10	0s13	10 27	1 50	24 15	1 20	24 24	1 31	21 36	0 28	15 42	0 54	7 3	0 36	18 44	1 44	9 4	12 19	21 23	21 12	16 20	16 7	6 52
S 10	17 13	19 11	1 24	10 16	2 0	24 23	1 22	24 19	1 31	21 38	0 28	15 41	0 54	7 4	0 36	18 44	1 44	9 4	12 19	21 23	21 13	16 21	16 7	6 53
S 11	17 30	16 13	2 29	10 10	2 7	24 31	1 24	24 14	1 31	21 40	0 28	15 41	0 54	7 6	0 36	18 44	1 44	9 4	12 19	21 23	21 13	16 23	16 6	6 53
M12	17 46	12 32	3 25	10 10	2 14	24 38	1 26	24 9	1 30	21 42	0 27	15 40	0 54	7 7	0 37	18 43	1 44	9 4	12 19	21 23	21 14	16 25	16 6	6 54
T 13	18 2	8 21	4 9	10 14	2 18	24 45	1 29	24 3	1 30	21 44	0 27	15 40	0 54	7 8	0 37	18 43	1 44	9 4	12 19	21 23	21 14	16 27	16 5	6 55
W14	18 18	3 55	4 41	10 23	2 21	24 50	1 31	23 58	1 30	21 46	0 27	15 39	0 55	7 9	0 37	18 43	1 44	9 3	12 19	21 24	21 15	16 29	16 5	6 55
T 15	18 33	0n37	4 59	10 36	2 23	24 55	1 33	23 52	1 29	21 47	0 27	15 39	0 55	7 11	0 37	18 42	1 44	9 3	12 19	21 26	21 15	16 31	16 5	6 56
F 16	18 48	5 5	5 4	10 52	2 23	25 0	1 35	23 46	1 29	21 49	0 27	15 39	0 55	7 12	0 37	18 42	1 44	9 3	12 19	21 28	21 16	16 33	16 4	6 56
S 17	19 3	9 18	4 55	11 11	2 22	25 3	1 37	23 39	1 29	21 51	0 27	15 38	0 55	7 13	0 37	18 42	1 44	9 3	12 19	21 30	21 17	16 34	16 4	6 57
S 18	19 18	13 10	4 33	11 33	2 20	25 6	1 39	23 32	1 28	21 53	0 27	15 38	0 55	7 14	0 37	18 41	1 44	9 3	12 19	21 32	21 17	16 36	16 4	6 57
M19	19 32	16 29	3 59	11 57	2 18	25 8	1 41	23 25	1 28	21 55	0 27	15 38	0 55	7 15	0 37	18 41	1 44	9 2	12 19	21 33	21 18	16 38	16 3	6 58
T 20	19 45	19 8	3 15	12 22	2 15	25 9	1 42	23 18	1 28	21 57	0 27	15 38	0 56	7 17	0 37	18 41	1 44	9 2	12 19	21 35	21 18	16 40	16 3	6 58
W21	19 59	20 59	2 22	12 49	2 11	25 10	1 44	23 10	1 27	21 58	0 26	15 37	0 56	7 18	0 37	18 40	1 44	9 2	12 19	21 36	21 19	16 42	16 3	6 59
T 22	20 12	21 54	1 23	13 17	2 6	25 9	1 46	23 3	1 27	22 0	0 26	15 37	0 56	7 19	0 37	18 40	1 44	9 2	12 19	21 36	21 19	16 44	16 2	6 59
F 23	20 24	21 50	0 20	13 46	2 1	25 8	1 48	22 55	1 27	22 2	0 26	15 37	0 56	7 20	0 37	18 40	1 44	9 2	12 19	21 37	21 20	16 45	16 2	7 0
S 24	20 37	20 45	0n45	14 16	1 55	25 6	1 49	22 46	1 26	22 3	0 26	15 37	0 56	7 21	0 37	18 39	1 44	9 2	12 19	21 37	21 20	16 47	16 2	7 0
S 25	20 48	18 40	1 50	14 46	1 50	25 4	1 51	22 38	1 26	22 5	0 26	15 37	0 57	7 22	0 37	18 39	1 44	9 1	12 19	21 36	21 21	16 49	16 1	7 1
M26	21 0	15 40	2 50	15 16	1 43	25 1	1 52	22 29	1 25	22 7	0 26	15 37	0 57	7 24	0 37	18 39	1 44	9 1	12 19	21 36	21 22	16 51	16 1	7 1
T 27	21 11	11 49	3 44	15 46	1 37	24 57	1 53	22 20	1 25	22 8	0 26	15 37	0 57	7 25	0 37	18 38	1 44	9 1	12 19	21 36	21 22	16 53	16 1	7 2
W28	21 22	7 17	4 27	16 16	1 30	24 52	1 55	22 11	1 25	22 10	0 26	15 37	0 57	7 26	0 37	18 38	1 44	9 1	12 19	21 36	21 23	16 54	16 1	7 2
T 29	21 32	2 14	4 57	16 46	1 24	24 46	1 56	22 1	1 24	22 12	0 26	15 37	0 57	7 27	0 37	18 38	1 44	9 1	12 19	21 37	21 23	16 56	16 0	7 3
F 30	21s42	3s 7	5n 9	17s15	1n17	24s40	1s57	21s51	1s24	22s13	0n26	15n37	0n58	7s28	0n37	18n37	1s44	9n 1	12s19	21n38	21n24	16n58	16n 0	7s 3

Julian Day Number = 2410942.5, Delta T = -3.90 sec
Ecliptic obliquity = 23°27'10, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°11'16, Lahiri = 22°18'17

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ASTRODIENST EPHEMERIS for the year 1888
geocentric

DECEMBER 1888 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 41 7	9♐16'35	4♏56	24♏20	15♑ 4	29♑11	15♐33	20°R21	20♎36	0°R41	4°R54	22°R 3	23♋31	3♊32	10°R27	S 1
S 2	4 45 4	10°17'28	20° 2	25°50	16°17	29°57	15°47	20♌21	20°39	0♊39	4♊53	21♋57	23°27	3°39	10♋24	S 2
M 3	4 49 0	11°18'24	5♐18	27°21	17°31	0♒43	16° 0	20°21	20°42	0°37	4°52	21°50	23°24	3°45	10°21	M 3
T 4	4 52 57	12°19'20	20°34	28°52	18°44	1°30	16°14	20°20	20°44	0°36	4°51	21°46	23°21	3°52	10°17	T 4
W 5	4 56 53	13°20'17	5♑40	0♐23	19°57	2°16	16°27	20°20	20°47	0°34	4°49	21°43	23°18	3°59	10°14	W 5
T 6	5 0 50	14°21'16	20°26	1°55	21°10	3° 3	16°41	20°20	20°50	0°32	4°48	21°D42	23°15	4° 5	10°10	T 6
F 7	5 4 46	15°22'15	4♒47	3°27	22°23	3°49	16°54	20°19	20°52	0°31	4°47	21°42	23°11	4°12	10° 7	F 7
S 8	5 8 43	16°23'14	18°40	4°59	23°36	4°36	17° 8	20°18	20°55	0°29	4°46	21°44	23° 8	4°19	10° 3	S 8
S 9	5 12 39	17°24'15	2♓ 6	6°32	24°48	5°22	17°22	20°17	20°57	0°28	4°45	21°45	23° 5	4°25	10° 0	S 9
M10	5 16 36	18°25'15	15° 6	8° 4	26° 1	6° 9	17°35	20°16	21° 0	0°26	4°44	21°R46	23° 2	4°32	9°56	M10
T 11	5 20 33	19°26'16	27°46	9°37	27°14	6°56	17°49	20°15	21° 2	0°24	4°43	21°46	22°59	4°39	9°52	T 11
W12	5 24 29	20°27'18	10♈ 8	11°10	28°27	7°42	18° 2	20°14	21° 4	0°23	4°42	21°44	22°56	4°45	9°48	W12
T 13	5 28 26	21°28'20	22°17	12°43	29°39	8°29	18°16	20°13	21° 7	0°21	4°41	21°41	22°52	4°52	9°45	T 13
F 14	5 32 22	22°29'23	4♉16	14°16	0♒52	9°15	18°30	20°11	21° 9	0°20	4°40	21°36	22°49	4°59	9°41	F 14
S 15	5 36 19	23°30'26	16°10	15°49	2° 5	10° 2	18°43	20°10	21°11	0°18	4°38	21°31	22°46	5° 5	9°37	S 15
S 16	5 40 15	24°31'30	28° 1	17°22	3°17	10°49	18°57	20° 8	21°14	0°17	4°37	21°26	22°43	5°12	9°33	S 16
M17	5 44 12	25°32'34	9♊51	18°55	4°29	11°36	19°10	20° 6	21°16	0°15	4°36	21°21	22°40	5°19	9°29	M17
T 18	5 48 8	26°33'39	21°43	20°29	5°42	12°22	19°24	20° 5	21°18	0°14	4°35	21°18	22°37	5°26	9°25	T 18
W19	5 52 5	27°34'45	3♋38	22° 3	6°54	13° 9	19°38	20° 3	21°20	0°12	4°34	21°15	22°33	5°32	9°21	W19
T 20	5 56 2	28°35'50	15°39	23°37	8° 6	13°56	19°51	20° 1	21°22	0°11	4°33	21°D14	22°30	5°39	9°17	T 20
F 21	5 59 58	29°36'57	27°47	25°11	9°18	14°43	20° 5	19°59	21°24	0° 9	4°32	21°14	22°27	5°46	9°13	F 21
S 22	6 3 55	0♑38'04	10♌ 3	26°45	10°31	15°29	20°18	19°56	21°26	0° 8	4°31	21°15	22°24	5°52	9° 9	S 22
S 23	6 7 51	1°39'11	22°32	28°20	11°43	16°16	20°32	19°54	21°28	0° 6	4°30	21°16	22°21	5°59	9° 5	S 23
M24	6 11 48	2°40'19	5♍15	29°54	12°54	17° 3	20°45	19°52	21°29	0° 5	4°29	21°18	22°17	6° 6	9° 1	M24
T 25	6 15 44	3°41'28	18°15	1♑29	14° 6	17°50	20°59	19°49	21°31	0° 4	4°28	21°19	22°14	6°12	8°57	T 25
W26	6 19 41	4°42'37	1♎35	3° 5	15°18	18°37	21°12	19°46	21°33	0° 2	4°27	21°R20	22°11	6°19	8°53	W26
T 27	6 23 37	5°43'46	15°17	4°40	16°30	19°23	21°25	19°44	21°35	0° 1	4°26	21°20	22° 8	6°26	8°49	T 27
F 28	6 27 34	6°44'56	29°21	6°16	17°41	20°10	21°39	19°41	21°36	29♉59	4°25	21°19	22° 5	6°32	8°45	F 28
S 29	6 31 31	7°46'07	13♏48	7°52	18°53	20°57	21°52	19°38	21°38	29°58	4°24	21°17	22° 2	6°39	8°40	S 29
S 30	6 35 27	8°47'18	28°33	9°29	20° 4	21°44	22° 6	19°35	21°39	29°57	4°23	21°16	21°58	6°46	8°36	S 30
M31	6 39 24	9♑48'29	13♐30	11♑ 6	21♒16	22♒31	22♐19	19♌32	21♎41	29♉56	4♊23	21♋14	21♋55	6♊52	8♋32	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	21s51	8s26	5n 2	17s44	1n10	24s33	1s58	21s41	1s23	22s15	0n26	15n38	0n58	7s29	0n37	18n37	1s44	9n 0	12s18	21n39	21n24	17n 0	16n 0	7s 4	S 1
S 2	22 0	13 22	4 33	18 13	1 2	24 26	1 59	21 31	1 23	22 16	0 25	15 38	0 58	7 30	0 37	18 37	1 43	9 0	12 18	21 40	21 25	17 2	16 0	7 4	S 2
M 3	22 9	17 30	3 45	18 41	0 55	24 17	2 0	21 21	1 22	22 18	0 25	15 38	0 58	7 31	0 37	18 36	1 43	9 0	12 18	21 41	21 25	17 3	16 0	7 5	M 3
T 4	22 17	20 26	2 41	19 8	0 48	24 8	2 1	21 10	1 22	22 19	0 25	15 38	0 58	7 32	0 37	18 36	1 43	9 0	12 18	21 42	21 26	17 5	16 0	7 5	T 4
W 5	22 25	21 54	1 26	19 35	0 41	23 58	2 1	20 59	1 21	22 21	0 25	15 39	0 59	7 33	0 37	18 36	1 43	9 0	12 18	21 42	21 26	17 7	15 59	7 5	W 5
T 6	22 32	21 47	0 7	20 1	0 34	23 48	2 2	20 48	1 21	22 22	0 25	15 39	0 59	7 34	0 37	18 35	1 43	9 0	12 18	21 42	21 27	17 9	15 59	7 6	T 6
F 7	22 39	20 14	1s11	20 26	0 26	23 37	2 3	20 37	1 20	22 24	0 25	15 39	0 59	7 35	0 37	18 35	1 43	9 0	12 18	21 42	21 28	17 11	15 59	7 6	F 7
S 8	22 45	17 29	2 22	20 50	0 19	23 25	2 3	20 25	1 20	22 25	0 25	15 40	0 59	7 36	0 37	18 35	1 43	9 0	12 18	21 42	21 28	17 12	15 59	7 6	S 8
S 9	22 51	13 53	3 23	21 13	0 12	23 12	2 4	20 13	1 19	22 26	0 25	15 40	0 59	7 37	0 37	18 34	1 43	9 0	12 18	21 42	21 29	17 14	15 59	7 7	S 9
M10	22 57	9 44	4 11	21 35	0 5	22 59	2 4	20 1	1 19	22 28	0 25	15 41	1 0	7 38	0 37	18 34	1 43	8 59	12 18	21 42	21 29	17 16	15 59	7 7	M10
T 11	23 2	5 16	4 46	21 56	0s 2	22 45	2 4	19 49	1 18	22 29	0 25	15 41	1 0	7 38	0 37	18 34	1 43	8 59	12 18	21 42	21 30	17 18	15 59	7 7	T 11
W12	23 7	0 41	5 6	22 17	0 9	22 31	2 4	19 36	1 18	22 30	0 25	15 42	1 0	7 39	0 37	18 33	1 43	8 59	12 18	21 42	21 30	17 19	15 59	7 8	W12
T 13	23 11	3n50	5 13	22 36	0 16	22 15	2 4	19 24	1 17	22 32	0 24	15 42	1 0	7 40	0 37	18 33	1 43	8 59	12 17	21 42	21 31	17 21	15 59	7 8	T 13
F 14	23 14	8 9	5 5	22 54	0 23	22 0	2 4	19 11	1 17	22 33	0 24	15 43	1 0	7 41	0 37	18 33	1 43	8 59	12 17	21 43	21 31	17 23	15 59	7 8	F 14
S 15	23 18	12 8	4 45	23 11	0 29	21 43	2 4	18 58	1 16	22 34	0 24	15 44	1 1	7 42	0 37	18 33	1 43	8 59	12 17	21 44	21 32	17 25	15 59	7 9	S 15
S 16	23 20	15 38	4 12	23 27	0 36	21 26	2 4	18 45	1 16	22 35	0 24	15 44	1 1	7 43	0 37	18 32	1 43	8 59	12 17	21 45	21 32	17 26	15 59	7 9	S 16
M17	23 23	18 31	3 28	23 41	0 42	21 9	2 3	18 31	1 15	22 37	0 24	15 45	1 1	7 43	0 37	18 32	1 43	8 59	12 17	21 45	21 33	17 28	15 59	7 9	M17
T 18	23 24	20 37	2 35	23 55	0 48	20 51	2 3	18 18	1 15	22 38	0 24	15 46	1 1	7 44	0 37	18 32	1 43	8 59	12 17	21 46	21 33	17 30	15 59	7 9	T 18
W19	23 26	21 49	1 35	24 7	0 54	20 32	2 2	18 4	1 14	22 39	0 24	15 47	1 1	7 45	0 37	18 31	1 43	8 59	12 17	21 46	21 34	17 32	15 59	7 10	W19
T 20	23 27	22 2	0 31	24 18	1 0	20 12	2 2	17 50	1 13	22 40	0 24	15 47	1 2	7 46	0 37	18 31	1 43	8 59	12 17	21 47	21 34	17 33	15 59	7 10	T 20
F 21	23 27	21 12	0n36	24 28	1 6	19 53	2 1	17 36	1 13	22 41	0 24	15 48	1 2	7 46	0 37	18 31	1 43	8 59	12 16	21 47	21 35	17 35	15 59	7 10	F 21
S 22	23 27	19 22	1 42	24 36	1 11	19 32	2 0	17 21	1 12	22 42	0 24	15 49	1 2	7 47	0 37	18 31	1 43	8 59	12 16	21 46	21 35	17 37	15 59	7 10	S 22
S 23	23 27	16 36	2 44	24 43	1 17	19 11	1 59	17 7	1 12	22 43	0 24	15 50	1 2	7 48	0 37	18 30	1 43	8 59	12 16	21 46	21 36	17 39	15 59	7 10	S 23
M24	23 26	13 0	3 40	24 49	1 22	18 50	1 58	16 52	1 11	22 44	0 24	15 51	1 2	7 48	0 37	18 30	1 43	8 59	12 16	21 46	21 36	17 40	15 59	7 11	M24
T 25	23 24	8 43	4 25	24 53	1 27	18 28	1 57	16 37	1 11	22 45	0 24	15 52	1 2	7 49	0 37	18 30	1 43	8 59	12 16	21 46	21 37	17 42	15 59	7 11	T 25
W26	23 22	3 56	4 58	24 56	1 31	18 6	1 56	16 22	1 10	22 46	0 23	15 53	1 3	7 50	0 37	18 30	1 43	8 59	12 16	21 46	21 37	17 44	15 59	7 11	W26
T 27	23 20	1s11	5 15	24 58	1 36	17 43	1 54	16 7	1 9	22 47	0 23	15 54	1 3	7 50	0 37	18 29	1 43	8 59	12 15	21 46	21 38	17 46	16 0	7 11	T 27
F 28	23 17	6 22	5 13	24 58	1 40	17 20	1 53	15 51	1 9	22 48	0 23	15 55	1 3	7 51	0 37	18 29	1 43	8 59	12 15	21 46	21 39	17 47	16 0	7 11	F 28
S 29	23 13	11 20	4 53	24 57	1 44	16 56	1 51	15 36	1 8	22 49	0 23	15 56	1 3	7 51	0 37	18 29	1 43	8 59	12 15	21 46	21 39	17 49	16 0	7 11	S 29
S 30	23 10	15 45	4 12	24 54	1 48	16 32	1 50	15 20	1 8	22 50	0 23	15 57	1 3	7 52	0 38	18 29	1 43	8 59	12 15	21 46	21 40	17 51	16 0	7 11	S 30
M31	23s 5	19s13	3n14	24s50	1s51	16s 7	1s48	15s 4	1s 7	22s51	0n23	15n59	1n 4	7s52	0n38	18n29	1s43	8n59	12s15	21n47	21n40	17n52	16n 0	7s11	M31

Julian Day Number = 2410972.5, Delta T = -3.89 sec
Ecliptic obliquity = 23°27'09, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°11'20, Lahiri = 22°18'21

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ASTRODIENST EPHEMERIS for the year 1889
geocentric

JANUARY 1889 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 43 20	10♑49'41	28♐32	12♑43	22♒27	23♒18	22♐32	19°R28	21♎42	29°R55	4°R22	21°R13	21♋52	6♊59	8°R28	T 1
W 2	6 47 17	11°50'53	13♑30	14°20	23°38	24° 4	22°46	19♌25	21°44	29♉54	4♊21	21♋12	21°49	7° 6	8♋24	W 2
T 3	6 51 13	12°52'04	28°16	15°58	24°49	24°51	22°59	19°22	21°45	29°52	4°20	21°D12	21°46	7°13	8°20	T 3
F 4	6 55 10	13°53'16	12♒42	17°36	26° 0	25°38	23°12	19°18	21°46	29°51	4°19	21°13	21°43	7°19	8°16	F 4
S 5	6 59 7	14°54'27	26°43	19°15	27°11	26°25	23°25	19°15	21°47	29°50	4°18	21°13	21°39	7°26	8°12	S 5
S 6	7 3 3	15°55'38	10♓19	20°54	28°22	27°12	23°38	19°11	21°48	29°49	4°17	21°14	21°36	7°33	8° 7	S 6
M 7	7 7 0	16°56'48	23°29	22°33	29°33	27°59	23°51	19° 8	21°49	29°48	4°17	21°14	21°33	7°39	8° 3	M 7
T 8	7 10 56	17°57'58	6♈14	24°13	0♓43	28°46	24° 4	19° 4	21°50	29°47	4°16	21°15	21°30	7°46	7°59	T 8
W 9	7 14 53	18°59'07	18°40	25°53	1°53	29°32	24°18	19° 0	21°51	29°46	4°15	21°R15	21°27	7°53	7°55	W 9
T 10	7 18 49	20° 0'15	0♉50	27°33	3° 4	0♓19	24°30	18°56	21°52	29°45	4°14	21°15	21°23	7°59	7°51	T 10
F 11	7 22 46	21° 1'24	12°48	29°14	4°14	1° 6	24°43	18°52	21°53	29°44	4°14	21°D15	21°20	8° 6	7°47	F 11
S 12	7 26 42	22° 2'31	24°40	0♒54	5°24	1°53	24°56	18°48	21°54	29°43	4°13	21°15	21°17	8°13	7°43	S 12
S 13	7 30 39	23° 3'38	6♊29	2°35	6°34	2°40	25° 9	18°44	21°55	29°42	4°12	21°15	21°14	8°19	7°39	S 13
M14	7 34 36	24° 4'44	18°20	4°16	7°43	3°26	25°22	18°40	21°55	29°41	4°11	21°15	21°11	8°26	7°35	M14
T 15	7 38 32	25° 5'50	0♋15	5°57	8°53	4°13	25°35	18°35	21°56	29°41	4°11	21°16	21° 8	8°33	7°31	T 15
W16	7 42 29	26° 6'55	12°18	7°38	10° 2	5° 0	25°47	18°31	21°57	29°40	4°10	21°16	21° 4	8°39	7°28	W16
T 17	7 46 25	27° 7'59	24°30	9°19	11°12	5°47	26° 0	18°27	21°57	29°39	4° 9	21°R16	21° 1	8°46	7°24	T 17
F 18	7 50 22	28° 9'03	6♌52	10°59	12°21	6°33	26°13	18°22	21°58	29°38	4° 9	21°16	20°58	8°53	7°20	F 18
S 19	7 54 18	29°10'06	19°27	12°39	13°30	7°20	26°25	18°18	21°58	29°38	4° 8	21°15	20°55	8°59	7°16	S 19
S 20	7 58 15	0♒11'08	2♍14	14°17	14°38	8° 7	26°38	18°14	21°58	29°37	4° 8	21°14	20°52	9° 6	7°13	S 20
M21	8 2 11	1°12'10	15°15	15°55	15°47	8°53	26°50	18° 9	21°59	29°36	4° 7	21°13	20°49	9°13	7° 9	M21
T 22	8 6 8	2°13'11	28°29	17°32	16°55	9°40	27° 3	18° 4	21°59	29°36	4° 7	21°11	20°45	9°19	7° 5	T 22
W23	8 10 5	3°14'12	11♎58	19° 6	18° 3	10°27	27°15	18° 0	21°59	29°35	4° 6	21°10	20°42	9°26	7° 2	W23
T 24	8 14 1	4°15'12	25°41	20°39	19°11	11°13	27°27	17°55	21°59	29°35	4° 6	21° 9	20°39	9°33	6°58	T 24
F 25	8 17 58	5°16'12	9♏38	22° 9	20°19	12° 0	27°39	17°50	21°59	29°34	4° 5	21°D 9	20°36	9°40	6°55	F 25
S 26	8 21 54	6°17'11	23°48	23°36	21°27	12°47	27°51	17°46	21°R59	29°34	4° 5	21°10	20°33	9°46	6°51	S 26
S 27	8 25 51	7°18'10	8♐10	24°59	22°34	13°33	28° 3	17°41	21°59	29°33	4° 4	21°11	20°29	9°53	6°48	S 27
M28	8 29 47	8°19'08	22°41	26°18	23°41	14°20	28°15	17°36	21°59	29°33	4° 4	21°12	20°26	10° 0	6°45	M28
T 29	8 33 44	9°20'05	7♑15	27°32	24°48	15° 6	28°27	17°31	21°59	29°32	4° 3	21°13	20°23	10° 6	6°41	T 29
W30	8 37 40	10°21'01	21°50	28°40	25°55	15°53	28°39	17°27	21°59	29°32	4° 3	21°R14	20°20	10°13	6°38	W30
T 31	8 41 37	11♒21'57	6♒17	29♒41	27♓ 2	16♓39	28♐51	17♌22	21♎59	29♉32	4♊ 3	21♋13	20♋17	10♊20	6♋35	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23s 1	21s24	2n 3	24s44	1s54	15s42	1s46	14s48	1s 6	22s52	0n23	16n 0	1n 4	7s53	0n38	18n28	1s43	8n59	12s15	21n47	21n41	17n54	16n 0	7s11	T 1
W 2	22 55	22 4	0 43	24 37	1 57	15 17	1 44	14 32	1 6	22 52	0 23	16 1	1 4	7 53	0 38	18 28	1 43	8 59	12 14	21 47	21 41	17 56	16 1	7 11	W 2
T 3	22 50	21 10	0s39	24 29	2 0	14 51	1 42	14 16	1 5	22 53	0 23	16 2	1 4	7 54	0 38	18 28	1 43	8 59	12 14	21 47	21 42	17 58	16 1	7 11	T 3
F 4	22 44	18 52	1 57	24 18	2 2	14 25	1 40	14 0	1 4	22 54	0 23	16 3	1 4	7 54	0 38	18 28	1 42	8 59	12 14	21 47	21 42	17 59	16 1	7 11	F 4
S 5	22 37	15 30	3 5	24 7	2 4	13 59	1 37	13 43	1 4	22 55	0 23	16 5	1 4	7 55	0 38	18 28	1 42	8 59	12 14	21 47	21 43	18 1	16 1	7 11	S 5
S 6	22 30	11 25	4 0	23 53	2 5	13 32	1 35	13 26	1 3	22 55	0 23	16 6	1 5	7 55	0 38	18 27	1 42	8 59	12 14	21 47	21 43	18 3	16 1	7 11	S 6
M 7	22 23	6 54	4 41	23 38	2 6	13 5	1 32	13 10	1 3	22 56	0 23	16 7	1 5	7 56	0 38	18 27	1 42	8 59	12 13	21 46	21 44	18 4	16 2	7 11	M 7
T 8	22 15	2 13	5 7	23 22	2 7	12 37	1 30	12 53	1 2	22 57	0 23	16 9	1 5	7 56	0 38	18 27	1 42	8 59	12 13	21 46	21 44	18 6	16 2	7 11	T 8
W 9	22 6	2n25	5 17	23 4	2 7	12 10	1 27	12 36	1 1	22 57	0 22	16 10	1 5	7 56	0 38	18 27	1 42	8 59	12 13	21 46	21 45	18 8	16 2	7 11	W 9
T 10	21 58	6 52	5 13	22 44	2 7	11 42	1 24	12 19	1 1	22 58	0 22	16 11	1 5	7 57	0 38	18 27	1 42	8 59	12 13	21 46	21 45	18 9	16 3	7 11	T 10
F 11	21 48	10 59	4 56	22 23	2 6	11 14	1 21	12 1	1 0	22 59	0 22	16 13	1 5	7 57	0 38	18 27	1 42	9 0	12 12	21 46	21 46	18 11	16 3	7 11	F 11
S 12	21 39	14 39	4 25	22 0	2 5	10 45	1 18	11 44	0 59	22 59	0 22	16 14	1 6	7 57	0 38	18 26	1 42	9 0	12 12	21 46	21 46	18 13	16 3	7 11	S 12
S 13	21 29	17 43	3 44	21 36	2 3	10 16	1 15	11 27	0 59	23 0	0 22	16 16	1 6	7 57	0 38	18 26	1 42	9 0	12 12	21 46	21 47	18 14	16 4	7 11	S 13
M14	21 18	20 4	2 53	21 10	2 1	9 47	1 12	11 9	0 58	23 0	0 22	16 17	1 6	7 58	0 38	18 26	1 42	9 0	12 12	21 46	21 47	18 16	16 4	7 11	M14
T 15	21 8	21 33	1 54	20 42	1 58	9 18	1 9	10 51	0 57	23 1	0 22	16 18	1 6	7 58	0 38	18 26	1 42	9 0	12 12	21 46	21 48	18 18	16 4	7 11	T 15
W16	20 56	22 4	0 50	20 13	1 55	8 49	1 5	10 34	0 57	23 1	0 22	16 20	1 6	7 58	0 38	18 26	1 42	9 0	12 11	21 46	21 48	18 19	16 5	7 11	W16
T 17	20 45	21 32	0n18	19 43	1 51	8 19	1 2	10 16	0 56	23 2	0 22	16 21	1 6	7 58	0 38	18 26	1 42	9 0	12 11	21 46	21 49	18 21	16 5	7 11	T 17
F 18	20 33	19 57	1 26	19 11	1 46	7 50	0 58	9 58	0 55	23 2	0 22	16 23	1 6	7 58	0 38	18 26	1 42	9 0	12 11	21 46	21 49	18 23	16 5	7 10	F 18
S 19	20 20	17 22	2 30	18 38	1 41	7 20	0 54	9 40	0 55	23 2	0 22	16 24	1 7	7 58	0 38	18 26	1 42	9 0	12 11	21 46	21 49	18 24	16 6	7 10	S 19
S 20	20 7	13 55	3 28	18 4	1 35	6 50	0 50	9 22	0 54	23 3	0 22	16 26	1 7	7 58	0 38	18 26	1 42	9 1	12 10	21 47	21 50	18 26	16 6	7 10	S 20
M21	19 54	9 45	4 17	17 28	1 28	6 19	0 46	9 4	0 53	23 3	0 22	16 28	1 7	7 59	0 38	18 25	1 42	9 1	12 10	21 47	21 50	18 28	16 6	7 10	M21
T 22	19 41	5 4	4 52	16 52	1 20	5 49	0 42	8 45	0 52	23 3	0 22	16 29	1 7	7 59	0 38	18 25	1 42	9 1	12 10	21 47	21 51	18 29	16 7	7 10	T 22
W23	19 27	0 4	5 13	16 15	1 12	5 19	0 38	8 27	0 52	23 4	0 22	16 31	1 7	7 59	0 38	18 25	1 41	9 1	12 10	21 47	21 51	18 31	16 7	7 9	W23
T 24	19 12	5s 2	5 16	15 37	1 3	4 48	0 34	8 9	0 51	23 4	0 22	16 32	1 7	7 59	0 38	18 25	1 41	9 1	12 9	21 47	21 52	18 33	16 8	7 9	T 24
F 25	18 58	9 57	5 0	14 58	0 53	4 18	0 30	7 50	0 50	23 4	0 22	16 34	1 7	7 59	0 38	18 25	1 41	9 1	12 9	21 47	21 52	18 34	16 8	7 9	F 25
S 26	18 43	14 25	4 27	14 19	0 42	3 47	0 25	7 32	0 50	23 5	0 21	16 35	1 8	7 59	0 38	18 25	1 41	9 2	12 9	21 47	21 53	18 36	16 8	7 9	S 26
S 27	18 27	18 7	3 36	13 40	0 30	3 16	0 21	7 13	0 49	23 5	0 21	16 37	1 8	7 59	0 38	18 25	1 41	9 2	12 9	21 47	21 53	18 38	16 9	7 8	S 27
M28	18 12	20 44	2 31	13 2	0 18	2 45	0 16	6 55	0 48	23 5	0 21	16 38	1 8	7 59	0 38	18 25	1 41	9 2	12 8	21 47	21 54	18 39	16 9	7 8	M28
T 29	17 56	21 59	1 16	12 24	0 4	2 14	0 11	6 36	0 48	23 5	0 21	16 40	1 8	7 59	0 38	18 25	1 41	9 2	12 8	21 47	21 54	18 41	16 10	7 8	T 29
W30	17 39	21 44	0s 3	11 47	0n10	1 44	0 7	6 18	0 47	23 6	0 21	16 42	1 8	7 58	0 38	18 25	1 41	9 2	12 8	21 47	21 55	18 42	16 10	7 7	W30
T 31	17s23	20s 2	1s22	11s12	0n25	1s13	0s 2	5s59	0s46	23s 6	0n21	16n43	1n 8	7s58	0n38	18n25	1s41	9n 3	12s 7	21n47	21n55	18n44	16n11	7s 7	T 31

Julian Day Number = 2411003.5, Delta T = -3.89 sec
Ecliptic obliquity = 23°27'09, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°11'25, Lahiri = 22°18'25

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1889
geocentric

FEBRUARY 1889 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 45 34	12♒22'51	20♒32	0♓36	28♓ 8	17♓26	29♐ 3	17°R17	21°R58	29°R32	4°R 2	21°R11	20♋14	10♊26	6°R32	F 1
S 2	8 49 30	13°23'44	4♓29	1°21	29°14	18°12	29°14	17♌12	21♎58	29♉31	4♊ 2	21♋ 8	20°10	10°33	6♋29	S 2
S 3	8 53 27	14°24'36	18° 5	1°58	0♈20	18°58	29°26	17° 7	21°58	29°31	4° 2	21° 5	20° 7	10°40	6°26	S 3
M 4	8 57 23	15°25'26	1♈18	2°26	1°25	19°45	29°37	17° 2	21°57	29°31	4° 1	21° 1	20° 4	10°46	6°23	M 4
T 5	9 1 20	16°26'15	14° 8	2°43	2°31	20°31	29°49	16°57	21°56	29°31	4° 1	20°58	20° 1	10°53	6°20	T 5
W 6	9 5 16	17°27'03	26°38	2°R49	3°36	21°18	0♑ 0	16°52	21°56	29°31	4° 1	20°55	19°58	11° 0	6°17	W 6
T 7	9 9 13	18°27'49	8♉51	2°45	4°40	22° 4	0°11	16°47	21°55	29°31	4° 1	20°53	19°55	11° 6	6°15	T 7
F 8	9 13 9	19°28'33	20°51	2°30	5°45	22°50	0°22	16°43	21°55	29°D31	4° 0	20°D52	19°51	11°13	6°12	F 8
S 9	9 17 6	20°29'16	2♊43	2° 4	6°49	23°36	0°33	16°38	21°54	29°31	4° 0	20°53	19°48	11°20	6°10	S 9
S 10	9 21 3	21°29'57	14°33	1°28	7°53	24°22	0°44	16°33	21°53	29°31	4° 0	20°55	19°45	11°26	6° 7	S 10
M11	9 24 59	22°30'37	26°24	0°43	8°56	25° 9	0°55	16°28	21°52	29°31	4° 0	20°57	19°42	11°33	6° 5	M11
T 12	9 28 56	23°31'15	8♋22	29♒50	9°59	25°55	1° 6	16°23	21°51	29°31	4° 0	20°58	19°39	11°40	6° 3	T 12
W13	9 32 52	24°31'51	20°30	28°51	11° 2	26°41	1°17	16°18	21°50	29°31	4° 0	20°R59	19°35	11°46	6° 0	W13
T 14	9 36 49	25°32'26	2♌52	27°47	12° 4	27°27	1°27	16°13	21°49	29°31	4° 0	20°58	19°32	11°53	5°58	T 14
F 15	9 40 45	26°32'59	15°30	26°40	13° 6	28°13	1°38	16° 9	21°48	29°31	4° 0	20°56	19°29	12° 0	5°56	F 15
S 16	9 44 42	27°33'31	28°25	25°31	14° 8	28°59	1°48	16° 4	21°47	29°32	4°D 0	20°52	19°26	12° 6	5°54	S 16
S 17	9 48 38	28°34'01	11♍36	24°23	15° 9	29°45	1°59	15°59	21°46	29°32	4° 0	20°46	19°23	12°13	5°52	S 17
M18	9 52 35	29°34'29	25° 3	23°18	16°10	0♈31	2° 9	15°54	21°45	29°32	4° 0	20°39	19°20	12°20	5°51	M18
T 19	9 56 32	0♓34'56	8♎42	22°16	17°10	1°17	2°19	15°50	21°43	29°33	4° 0	20°33	19°16	12°26	5°49	T 19
W20	10 0 28	1°35'22	22°32	21°18	18°10	2° 3	2°29	15°45	21°42	29°33	4° 0	20°27	19°13	12°33	5°47	W20
T 21	10 4 25	2°35'46	6♏30	20°27	19° 9	2°48	2°39	15°41	21°41	29°33	4° 0	20°22	19°10	12°40	5°46	T 21
F 22	10 8 21	3°36'09	20°33	19°42	20° 8	3°34	2°49	15°36	21°39	29°34	4° 0	20°19	19° 7	12°46	5°44	F 22
S 23	10 12 18	4°36'30	4♐39	19° 4	21° 7	4°20	2°58	15°32	21°38	29°34	4° 0	20°D18	19° 4	12°53	5°43	S 23
S 24	10 16 14	5°36'50	18°48	18°34	22° 5	5° 6	3° 8	15°27	21°36	29°35	4° 0	20°19	19° 1	13° 0	5°41	S 24
M25	10 20 11	6°37'09	2♑57	18°10	23° 2	5°51	3°17	15°23	21°35	29°35	4° 0	20°20	18°57	13° 6	5°40	M25
T 26	10 24 7	7°37'26	17° 6	17°54	23°59	6°37	3°27	15°18	21°33	29°36	4° 1	20°R21	18°54	13°13	5°39	T 26
W27	10 28 4	8°37'42	1♒11	17°45	24°55	7°22	3°36	15°14	21°32	29°37	4° 1	20°21	18°51	13°20	5°38	W27
T 28	10 32 1	9♓37'56	15♒11	17°D43	25♈51	8♈ 8	3♑45	15♌10	21♎30	29♉37	4♊ 1	20♋18	18♋48	13♊26	5♋37	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s 6	17s 6	2s35	10s38	0n40	0s42	0n 3	5s40	0s45	23s 6	0n21	16n45	1n 8	7s58	0n38	18n25	1s41	9n 3	12s 7	21n47	21n56	18n46	16n11	7s 7
S 2	16 49	13 14	3 36	10 7	0 57	0 11	0 8	5 21	0 45	23 6	0 21	16 46	1 8	7 58	0 39	18 25	1 41	9 3	12 7	21 47	21 56	18 47	16 12	7 7
S 3	16 31	8 46	4 24	9 38	1 13	0n20	0 13	5 2	0 44	23 6	0 21	16 48	1 8	7 58	0 39	18 25	1 41	9 3	12 7	21 48	21 57	18 49	16 12	7 6
M 4	16 13	4 1	4 56	9 13	1 30	0 51	0 18	4 44	0 43	23 6	0 21	16 50	1 9	7 58	0 39	18 25	1 41	9 4	12 6	21 49	21 57	18 50	16 13	7 6
T 5	15 55	0n47	5 12	8 51	1 47	1 22	0 24	4 25	0 43	23 6	0 21	16 51	1 9	7 57	0 39	18 25	1 41	9 4	12 6	21 49	21 58	18 52	16 13	7 5
W 6	15 37	5 25	5 13	8 33	2 4	1 53	0 29	4 6	0 42	23 6	0 21	16 53	1 9	7 57	0 39	18 25	1 41	9 4	12 6	21 50	21 58	18 54	16 14	7 5
T 7	15 18	9 44	4 59	8 19	2 20	2 23	0 35	3 47	0 41	23 6	0 21	16 54	1 9	7 57	0 39	18 25	1 41	9 4	12 5	21 50	21 59	18 55	16 14	7 5
F 8	14 59	13 36	4 32	8 10	2 36	2 54	0 40	3 28	0 40	23 6	0 21	16 56	1 9	7 57	0 39	18 25	1 40	9 4	12 5	21 50	21 59	18 57	16 15	7 4
S 9	14 40	16 53	3 54	8 6	2 50	3 24	0 46	3 9	0 40	23 6	0 21	16 58	1 9	7 56	0 39	18 25	1 40	9 5	12 5	21 50	21 59	18 58	16 15	7 4
S 10	14 21	19 28	3 7	8 6	3 4	3 55	0 51	2 50	0 39	23 6	0 21	16 59	1 9	7 56	0 39	18 25	1 40	9 5	12 5	21 50	22 0	19 0	16 16	7 4
M11	14 1	21 14	2 11	8 10	3 16	4 25	0 57	2 31	0 38	23 6	0 21	17 1	1 9	7 56	0 39	18 25	1 40	9 5	12 4	21 49	22 0	19 2	16 16	7 3
T 12	13 41	22 3	1 9	8 19	3 26	4 55	1 3	2 12	0 38	23 6	0 21	17 2	1 9	7 55	0 39	18 26	1 40	9 5	12 4	21 49	22 1	19 3	16 17	7 3
W13	13 21	21 51	0 3	8 33	3 34	5 25	1 9	1 53	0 37	23 6	0 20	17 4	1 9	7 55	0 39	18 26	1 40	9 6	12 4	21 49	22 1	19 5	16 17	7 2
T 14	13 1	20 34	1n 5	8 49	3 39	5 55	1 15	1 34	0 36	23 6	0 20	17 5	1 9	7 54	0 39	18 26	1 40	9 6	12 3	21 49	22 2	19 6	16 18	7 2
F 15	12 40	18 16	2 10	9 9	3 43	6 25	1 21	1 15	0 35	23 6	0 20	17 7	1 9	7 54	0 39	18 26	1 40	9 6	12 3	21 49	22 2	19 8	16 18	7 1
S 16	12 20	15 0	3 10	9 30	3 44	6 55	1 27	0 56	0 35	23 6	0 20	17 8	1 10	7 54	0 39	18 26	1 40	9 7	12 3	21 50	22 3	19 9	16 19	7 1
S 17	11 59	10 55	4 1	9 54	3 43	7 24	1 33	0 37	0 34	23 6	0 20	17 10	1 10	7 53	0 39	18 26	1 40	9 7	12 3	21 51	22 3	19 11	16 19	7 1
M18	11 38	6 15	4 40	10 19	3 39	7 53	1 39	0 18	0 33	23 6	0 20	17 11	1 10	7 53	0 39	18 26	1 40	9 7	12 2	21 52	22 4	19 13	16 20	7 0
T 19	11 16	1 12	5 3	10 44	3 34	8 22	1 45	0n 1	0 32	23 6	0 20	17 13	1 10	7 52	0 39	18 26	1 40	9 7	12 2	21 53	22 4	19 14	16 20	7 0
W20	10 55	3s59	5 9	11 9	3 26	8 51	1 52	0 20	0 32	23 6	0 20	17 14	1 10	7 52	0 39	18 27	1 40	9 8	12 2	21 54	22 4	19 16	16 21	6 59
T 21	10 33	9 0	4 58	11 33	3 17	9 19	1 58	0 39	0 31	23 6	0 20	17 15	1 10	7 51	0 39	18 27	1 40	9 8	12 1	21 54	22 5	19 17	16 21	6 59
F 22	10 12	13 35	4 28	11 57	3 7	9 48	2 4	0 57	0 30	23 5	0 20	17 17	1 10	7 51	0 39	18 27	1 40	9 8	12 1	21 55	22 5	19 19	16 22	6 58
S 23	9 50	17 27	3 42	12 19	2 56	10 16	2 11	1 16	0 30	23 5	0 20	17 18	1 10	7 50	0 39	18 27	1 40	9 9	12 1	21 55	22 6	19 20	16 22	6 58
S 24	9 27	20 17	2 42	12 40	2 44	10 44	2 17	1 35	0 29	23 5	0 20	17 20	1 10	7 49	0 39	18 27	1 40	9 9	12 1	21 55	22 6	19 22	16 23	6 57
M25	9 5	21 52	1 33	12 59	2 31	11 11	2 24	1 54	0 28	23 5	0 20	17 21	1 10	7 49	0 39	18 27	1 39	9 9	12 0	21 55	22 7	19 23	16 24	6 57
T 26	8 43	22 4	0 18	13 17	2 18	11 38	2 30	2 13	0 27	23 5	0 20	17 22	1 10	7 48	0 39	18 28	1 39	9 10	12 0	21 55	22 7	19 25	16 24	6 56
W27	8 20	20 51	0s58	13 32	2 5	12 5	2 37	2 31	0 27	23 4	0 20	17 24	1 10	7 48	0 39	18 28	1 39	9 10	12 0	21 55	22 8	19 26	16 25	6 56
T 28	7s58	18s21	2s10	13s46	1n51	12n32	2n44	2n50	0s26	23s 4	0n20	17n25	1n10	7s47	0n39	18n28	1s39	9n10	11s59	21n55	22n 8	19n28	16n25	6s55

Julian Day Number = 2411034.5, Delta T = -3.88 sec
Ecliptic obliquity = 23°27'10, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°11'29, Lahiri = 22°18'29

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ASTRODIENST EPHEMERIS for the year 1889
geocentric

MARCH 1889 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 35 57	10♓38'09	29♒ 2	17♒47	26♈47	8♈54	3♑54	15°R 6	21°R28	29♉38	4♊ 1	20°R13	18♋45	13♊33	5°R36	F 1
S 2	10 39 54	11°38'19	12♓41	17°58	27°41	9°39	4° 3	15♌ 1	21♎27	29°39	4° 2	20♋ 6	18°41	13°40	5♋35	S 2
S 3	10 43 50	12°38'28	26° 4	18°14	28°35	10°24	4°11	14°57	21°25	29°40	4° 2	19°57	18°38	13°46	5°35	S 3
M 4	10 47 47	13°38'35	9♈ 9	18°35	29°29	11°10	4°20	14°53	21°23	29°40	4° 2	19°47	18°35	13°53	5°34	M 4
T 5	10 51 43	14°38'39	21°57	19° 2	0♉21	11°55	4°28	14°50	21°21	29°41	4° 3	19°37	18°32	14° 0	5°34	T 5
W 6	10 55 40	15°38'42	4♉26	19°34	1°13	12°40	4°37	14°46	21°19	29°42	4° 3	19°29	18°29	14° 6	5°33	W 6
T 7	10 59 36	16°38'43	16°39	20°10	2° 5	13°26	4°45	14°42	21°17	29°43	4° 3	19°22	18°26	14°13	5°33	T 7
F 8	11 3 33	17°38'41	28°40	20°50	2°55	14°11	4°53	14°38	21°15	29°44	4° 4	19°18	18°22	14°20	5°33	F 8
S 9	11 7 29	18°38'38	10♊32	21°34	3°45	14°56	5° 1	14°35	21°13	29°45	4° 4	19°16	18°19	14°26	5°33	S 9
S 10	11 11 26	19°38'32	22°21	22°21	4°34	15°41	5° 9	14°31	21°11	29°46	4° 5	19°D15	18°16	14°33	5°D33	S 10
M11	11 15 23	20°38'24	4♋12	23°12	5°22	16°26	5°16	14°27	21° 9	29°47	4° 5	19°16	18°13	14°40	5°33	M11
T 12	11 19 19	21°38'14	16°11	24° 6	6° 9	17°11	5°24	14°24	21° 7	29°48	4° 6	19°R17	18°10	14°46	5°33	T 12
W13	11 23 16	22°38'02	28°21	25° 3	6°55	17°56	5°31	14°21	21° 5	29°49	4° 6	19°16	18° 6	14°53	5°33	W13
T 14	11 27 12	23°37'47	10♌49	26° 3	7°40	18°41	5°39	14°18	21° 3	29°50	4° 7	19°14	18° 3	15° 0	5°33	T 14
F 15	11 31 9	24°37'30	23°38	27° 5	8°24	19°26	5°46	14°14	21° 1	29°51	4° 7	19° 9	18° 0	15° 7	5°34	F 15
S 16	11 35 5	25°37'11	6♍48	28°10	9° 7	20°11	5°53	14°11	20°58	29°52	4° 8	19° 2	17°57	15°13	5°34	S 16
S 17	11 39 2	26°36'50	20°20	29°18	9°49	20°56	6° 0	14° 8	20°56	29°54	4° 9	18°52	17°54	15°20	5°35	S 17
M18	11 42 58	27°36'27	4♎12	0♓27	10°30	21°41	6° 6	14° 6	20°54	29°55	4° 9	18°41	17°51	15°27	5°36	M18
T 19	11 46 55	28°36'02	18°19	1°39	11°10	22°25	6°13	14° 3	20°52	29°56	4°10	18°30	17°47	15°33	5°36	T 19
W20	11 50 52	29°35'35	2♏37	2°52	11°49	23°10	6°19	14° 0	20°49	29°57	4°10	18°20	17°44	15°40	5°37	W20
T 21	11 54 48	0♈35'06	16°59	4° 8	12°26	23°55	6°25	13°57	20°47	29°59	4°11	18°12	17°41	15°46	5°38	T 21
F 22	11 58 45	1°34'35	1♐21	5°25	13° 2	24°39	6°31	13°55	20°45	29°59	4°12	18° 6	17°38	15°53	5°39	F 22
S 23	12 2 41	2°34'03	15°38	6°44	13°37	25°24	6°37	13°53	20°42	0♊ 1	4°13	18° 3	17°35	16° 0	5°40	S 23
S 24	12 6 38	3°33'28	29°48	8° 5	14°10	26° 8	6°43	13°50	20°40	0° 3	4°13	18°D 2	17°32	16° 6	5°42	S 24
M25	12 10 34	4°32'53	13♑49	9°28	14°42	26°53	6°49	13°48	20°37	0° 4	4°14	18°R 2	17°28	16°13	5°43	M25
T 26	12 14 31	5°32'15	27°42	10°52	15°13	27°37	6°54	13°46	20°35	0° 6	4°15	18° 2	17°25	16°20	5°44	T 26
W27	12 18 27	6°31'36	11♒25	12°18	15°41	28°21	6°59	13°44	20°32	0° 7	4°16	18° 0	17°22	16°26	5°46	W27
T 28	12 22 24	7°30'55	25° 0	13°45	16° 9	29° 6	7° 5	13°42	20°30	0° 8	4°16	17°56	17°19	16°33	5°48	T 28
F 29	12 26 21	8°30'11	8♓26	15°14	16°34	29°50	7°10	13°40	20°27	0°10	4°17	17°49	17°16	16°40	5°49	F 29
S 30	12 30 17	9°29'26	21°40	16°45	16°58	0♉34	7°14	13°38	20°25	0°12	4°18	17°38	17°12	16°46	5°51	S 30
S 31	12 34 14	10♈28'39	4♈43	18♓17	17♉20	1♉18	7♑19	13♌37	20♎22	0♊13	4♊19	17♋26	17♋ 9	16♊53	5♋53	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s35	14s50	3s13	13s58	1n37	12n58	2n50	3n 8	0s25	23s 4	0n20	17n26	1n10	7s46	0n39	18n28	1s39	9n11	11s59	21n56	22n 8	19n29	16n26	6s55
S 2	7 12	10 33	4 4	14 8	1 24	13 24	2 57	3 27	0 25	23 4	0 20	17 27	1 10	7 46	0 39	18 28	1 39	9 11	11 59	21 57	22 9	19 31	16 26	6 54
S 3	6 49	5 51	4 40	14 15	1 10	13 50	3 4	3 46	0 24	23 4	0 20	17 29	1 10	7 45	0 39	18 29	1 39	9 11	11 59	21 58	22 9	19 32	16 27	6 54
M 4	6 26	0 58	5 0	14 21	0 57	14 16	3 10	4 4	0 23	23 3	0 20	17 30	1 10	7 44	0 39	18 29	1 39	9 12	11 58	22 0	22 10	19 34	16 27	6 53
T 5	6 3	3n50	5 5	14 25	0 44	14 41	3 17	4 22	0 22	23 3	0 19	17 31	1 10	7 44	0 39	18 29	1 39	9 12	11 58	22 1	22 10	19 35	16 28	6 53
W 6	5 40	8 22	4 55	14 27	0 32	15 5	3 24	4 41	0 22	23 3	0 19	17 32	1 10	7 43	0 39	18 29	1 39	9 12	11 58	22 2	22 11	19 37	16 29	6 52
T 7	5 16	12 28	4 32	14 28	0 20	15 29	3 30	4 59	0 21	23 3	0 19	17 33	1 10	7 42	0 39	18 29	1 39	9 13	11 57	22 3	22 11	19 38	16 29	6 51
F 8	4 53	16 1	3 57	14 26	0 8	15 53	3 37	5 17	0 20	23 2	0 19	17 34	1 10	7 41	0 39	18 30	1 39	9 13	11 57	22 4	22 12	19 40	16 30	6 51
S 9	4 30	18 52	3 12	14 23	0s 4	16 17	3 44	5 35	0 19	23 2	0 19	17 36	1 10	7 41	0 39	18 30	1 39	9 13	11 57	22 4	22 12	19 41	16 30	6 50
S 10	4 6	20 55	2 19	14 18	0 15	16 40	3 51	5 53	0 19	23 2	0 19	17 37	1 10	7 40	0 39	18 30	1 39	9 14	11 57	22 4	22 12	19 43	16 31	6 50
M11	3 43	22 3	1 20	14 12	0 25	17 3	3 57	6 11	0 18	23 2	0 19	17 38	1 10	7 39	0 39	18 31	1 39	9 14	11 56	22 4	22 13	19 44	16 31	6 49
T 12	3 19	22 12	0 17	14 3	0 36	17 25	4 4	6 29	0 17	23 1	0 19	17 39	1 10	7 38	0 39	18 31	1 39	9 14	11 56	22 4	22 13	19 46	16 32	6 49
W13	2 55	21 17	0n48	13 53	0 45	17 47	4 11	6 47	0 17	23 1	0 19	17 40	1 10	7 37	0 39	18 31	1 38	9 15	11 56	22 4	22 14	19 47	16 32	6 48
T 14	2 32	19 20	1 52	13 42	0 55	18 8	4 18	7 5	0 16	23 1	0 19	17 41	1 11	7 37	0 39	18 31	1 38	9 15	11 55	22 4	22 14	19 49	16 33	6 48
F 15	2 8	16 22	2 52	13 29	1 4	18 29	4 24	7 23	0 15	23 1	0 19	17 41	1 11	7 36	0 39	18 32	1 38	9 16	11 55	22 5	22 14	19 50	16 33	6 47
S 16	1 45	12 30	3 45	13 15	1 12	18 49	4 31	7 40	0 14	23 0	0 19	17 42	1 11	7 35	0 39	18 32	1 38	9 16	11 55	22 6	22 15	19 52	16 34	6 47
S 17	1 21	7 54	4 26	12 59	1 20	19 9	4 37	7 58	0 14	23 0	0 19	17 43	1 11	7 34	0 39	18 32	1 38	9 16	11 55	22 7	22 15	19 53	16 34	6 46
M18	0 57	2 48	4 53	12 41	1 28	19 28	4 44	8 15	0 13	23 0	0 19	17 44	1 11	7 33	0 39	18 33	1 38	9 17	11 54	22 9	22 16	19 55	16 35	6 45
T 19	0 33	2s32	5 2	12 22	1 35	19 47	4 50	8 32	0 12	23 0	0 19	17 45	1 11	7 32	0 39	18 33	1 38	9 17	11 54	22 10	22 16	19 56	16 35	6 45
W20	0 10	7 48	4 53	12 2	1 41	20 5	4 57	8 50	0 12	22 59	0 19	17 46	1 11	7 31	0 39	18 33	1 38	9 17	11 54	22 12	22 17	19 58	16 36	6 44
T 21	0n14	12 41	4 25	11 40	1 48	20 23	5 3	9 7	0 11	22 59	0 19	17 46	1 10	7 31	0 39	18 34	1 38	9 18	11 54	22 13	22 17	19 59	16 36	6 44
F 22	0 38	16 50	3 41	11 17	1 53	20 40	5 9	9 24	0 10	22 59	0 19	17 47	1 10	7 30	0 39	18 34	1 38	9 18	11 53	22 14	22 17	20 0	16 37	6 43
S 23	1 1	19 59	2 43	10 53	1 59	20 56	5 15	9 41	0 10	22 59	0 19	17 48	1 10	7 29	0 39	18 34	1 38	9 18	11 53	22 14	22 18	20 2	16 37	6 43
S 24	1 25	21 52	1 35	10 27	2 3	21 12	5 21	9 58	0 9	22 58	0 19	17 48	1 10	7 28	0 39	18 35	1 38	9 19	11 53	22 14	22 18	20 3	16 38	6 42
M25	1 49	22 22	0 22	10 0	2 8	21 28	5 27	10 14	0 8	22 58	0 18	17 49	1 10	7 27	0 39	18 35	1 38	9 19	11 53	22 14	22 19	20 5	16 38	6 42
T 26	2 12	21 28	0s51	9 31	2 12	21 42	5 33	10 31	0 7	22 58	0 18	17 50	1 10	7 26	0 39	18 35	1 38	9 20	11 52	22 14	22 19	20 6	16 39	6 41
W27	2 36	19 18	2 0	9 2	2 15	21 56	5 39	10 47	0 7	22 58	0 18	17 50	1 10	7 25	0 39	18 36	1 38	9 20	11 52	22 15	22 19	20 8	16 39	6 41
T 28	2 59	16 3	3 2	8 31	2 18	22 10	5 44	11 4	0 6	22 58	0 18	17 51	1 10	7 24	0 39	18 36	1 38	9 20	11 52	22 15	22 20	20 9	16 40	6 40
F 29	3 22	12 1	3 53	7 59	2 20	22 22	5 49	11 20	0 5	22 57	0 18	17 51	1 10	7 23	0 39	18 36	1 38	9 21	11 52	22 16	22 20	20 10	16 40	6 39
S 30	3 46	7 27	4 30	7 25	2 22	22 34	5 55	11 36	0 5	22 57	0 18	17 52	1 10	7 22	0 39	18 37	1 38	9 21	11 51	22 17	22 21	20 12	16 41	6 39
S 31	4n 9	2s36	4s53	6s51	2s24	22n45	6n 0	11n52	0s 4	22s57	0n18	17n52	1n10	7s21	0n39	18n37	1s38	9n22	11s51	22n19	22n21	20n13	16n41	6s38

Julian Day Number = 2411062.5, Delta T = -3.88 sec
Ecliptic obliquity = 23°27'11, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°11'33, Lahiri = 22°18'33

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ASTRODIENST EPHEMERIS for the year 1889
geocentric

APRIL 1889 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 38 10	11♈27'50	17♈32	19♓50	17♉40	2♉ 2	7♊23	13°R35	20°R20	0♊15	4♊20	17°R13	17♋ 6	17♊ 0	5♋55	M 1
T 2	12 42 7	12°26'59	0♉ 8	21°25	17°58	2°47	7°28	13♌34	20♎17	0°16	4°21	16♋59	17° 3	17° 6	5°57	T 2
W 3	12 46 3	13°26'06	12°29	23° 1	18°15	3°31	7°32	13°33	20°15	0°18	4°22	16°47	17° 0	17°13	5°59	W 3
T 4	12 50 0	14°25'10	24°38	24°39	18°29	4°14	7°36	13°31	20°12	0°20	4°22	16°37	16°57	17°20	6° 1	T 4
F 5	12 53 56	15°24'13	6♊36	26°19	18°41	4°58	7°39	13°30	20°10	0°21	4°23	16°30	16°53	17°26	6° 3	F 5
S 6	12 57 53	16°23'13	18°27	28° 0	18°51	5°42	7°43	13°29	20° 7	0°23	4°24	16°25	16°50	17°33	6° 6	S 6
S 7	13 1 49	17°22'11	0♋14	29°42	18°59	6°26	7°46	13°28	20° 5	0°25	4°25	16°23	16°47	17°40	6° 8	S 7
M 8	13 5 46	18°21'07	12° 4	1♈26	19° 4	7°10	7°50	13°28	20° 2	0°27	4°26	16°22	16°44	17°46	6°11	M 8
T 9	13 9 43	19°20'00	24° 2	3°11	19° 7	7°54	7°53	13°27	19°59	0°28	4°27	16°22	16°41	17°53	6°13	T 9
W10	13 13 39	20°18'51	6♌12	4°58	19°R 8	8°37	7°55	13°27	19°57	0°30	4°28	16°22	16°38	18° 0	6°16	W10
T 11	13 17 36	21°17'40	18°40	6°46	19° 6	9°21	7°58	13°26	19°54	0°32	4°29	16°19	16°34	18° 6	6°19	T 11
F 12	13 21 32	22°16'27	1♍31	8°36	19° 2	10° 4	8° 1	13°26	19°52	0°34	4°30	16°15	16°31	18°13	6°22	F 12
S 13	13 25 29	23°15'11	14°48	10°27	18°55	10°48	8° 3	13°26	19°49	0°36	4°31	16° 8	16°28	18°20	6°25	S 13
S 14	13 29 25	24°13'53	28°31	12°20	18°46	11°31	8° 5	13°25	19°46	0°38	4°33	15°58	16°25	18°26	6°28	S 14
M15	13 33 22	25°12'33	12♎40	14°15	18°34	12°15	8° 7	13°D25	19°44	0°39	4°34	15°47	16°22	18°33	6°31	M15
T 16	13 37 18	26°11'11	27° 9	16°11	18°20	12°58	8° 9	13°26	19°41	0°41	4°35	15°35	16°18	18°40	6°34	T 16
W17	13 41 15	27° 9'47	11♏51	18° 8	18° 4	13°41	8°10	13°26	19°39	0°43	4°36	15°25	16°15	18°46	6°37	W17
T 18	13 45 12	28° 8'21	26°40	20° 7	17°45	14°25	8°12	13°26	19°36	0°45	4°37	15°16	16°12	18°53	6°41	T 18
F 19	13 49 8	29° 6'54	11♐26	22° 8	17°24	15° 8	8°13	13°27	19°34	0°47	4°38	15°10	16° 9	19° 0	6°44	F 19
S 20	13 53 5	0♉ 5'25	26° 2	24°10	17° 0	15°51	8°14	13°27	19°31	0°49	4°39	15° 7	16° 6	19° 6	6°47	S 20
S 21	13 57 1	1° 3'54	10♑25	26°13	16°35	16°34	8°15	13°28	19°29	0°51	4°40	15°D 5	16° 3	19°13	6°51	S 21
M22	14 0 58	2° 2'22	24°32	28°17	16° 7	17°17	8°16	13°28	19°26	0°53	4°42	15° 6	15°59	19°20	6°55	M22
T 23	14 4 54	3° 0'48	8♒23	0♉23	15°38	18° 0	8°16	13°29	19°24	0°55	4°43	15°R 6	15°56	19°26	6°58	T 23
W24	14 8 51	3°59'12	21°57	2°30	15° 6	18°43	8°16	13°30	19°21	0°57	4°44	15° 4	15°53	19°33	7° 2	W24
T 25	14 12 47	4°57'35	5♓17	4°38	14°34	19°26	8°R16	13°31	19°19	0°59	4°45	15° 1	15°50	19°40	7° 6	T 25
F 26	14 16 44	5°55'56	18°23	6°46	13°59	20° 9	8°16	13°33	19°16	1° 1	4°46	14°55	15°47	19°46	7°10	F 26
S 27	14 20 41	6°54'16	1♈17	8°55	13°24	20°52	8°16	13°34	19°14	1° 3	4°47	14°46	15°43	19°53	7°14	S 27
S 28	14 24 37	7°52'34	13°59	11° 4	12°48	21°35	8°15	13°35	19°12	1° 5	4°49	14°35	15°40	20° 0	7°18	S 28
M29	14 28 34	8°50'50	26°30	13°13	12°11	22°17	8°15	13°37	19° 9	1° 8	4°50	14°24	15°37	20° 6	7°22	M29
T 30	14 32 30	9♉49'04	8♉50	15♉22	11♉33	23♉ 0	8♊14	13♌38	19♎ 7	1♊10	4♊51	14♋12	15♋34	20♊13	7♋26	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	4n32	2n16	5s 0	6s15	2s25	22n56	6n 4	12n 8	0s 3	22s57	0n18	17n53	1n10	7s20	0n39	18n37	1s38	9n22	11s51	22n21	22n22	20n15	16n42	6s38
T 2	4 55	6 57	4 52	5 38	2 26	23 5	6 9	12 24	0 3	22 57	0 18	17 53	1 10	7 19	0 39	18 38	1 37	9 22	11 51	22 22	22 22	20 16	16 42	6 37
W 3	5 18	11 17	4 31	5 0	2 26	23 14	6 13	12 40	0 2	22 56	0 18	17 53	1 10	7 18	0 39	18 38	1 37	9 23	11 50	22 24	22 22	20 17	16 43	6 37
T 4	5 41	15 6	3 57	4 21	2 25	23 22	6 17	12 55	0 1	22 56	0 18	17 54	1 10	7 17	0 39	18 39	1 37	9 23	11 50	22 25	22 23	20 19	16 43	6 36
F 5	6 4	18 14	3 14	3 41	2 24	23 29	6 21	13 11	0 1	22 56	0 18	17 54	1 10	7 17	0 39	18 39	1 37	9 23	11 50	22 26	22 23	20 20	16 43	6 36
S 6	6 27	20 35	2 22	2 59	2 23	23 35	6 24	13 26	0 0	22 56	0 18	17 54	1 10	7 16	0 39	18 39	1 37	9 24	11 50	22 27	22 24	20 22	16 44	6 35
S 7	6 49	22 3	1 24	2 17	2 21	23 40	6 27	13 41	0n 1	22 56	0 18	17 54	1 10	7 15	0 39	18 40	1 37	9 24	11 50	22 27	22 24	20 23	16 44	6 35
M 8	7 12	22 32	0 23	1 33	2 19	23 44	6 30	13 56	0 1	22 56	0 18	17 55	1 10	7 14	0 39	18 40	1 37	9 25	11 49	22 27	22 24	20 24	16 45	6 34
T 9	7 34	21 59	0n40	0 49	2 16	23 48	6 32	14 11	0 2	22 56	0 18	17 55	1 10	7 13	0 39	18 41	1 37	9 25	11 49	22 27	22 25	20 26	16 45	6 34
W10	7 57	20 24	1 43	0 3	2 12	23 50	6 34	14 26	0 3	22 55	0 18	17 55	1 10	7 12	0 39	18 41	1 37	9 25	11 49	22 27	22 25	20 27	16 46	6 33
T 11	8 19	17 48	2 42	0n43	2 9	23 51	6 36	14 40	0 3	22 55	0 17	17 55	1 10	7 11	0 39	18 41	1 37	9 26	11 49	22 27	22 25	20 28	16 46	6 33
F 12	8 41	14 17	3 35	1 31	2 4	23 50	6 37	14 55	0 4	22 55	0 17	17 55	1 10	7 10	0 39	18 42	1 37	9 26	11 48	22 28	22 26	20 30	16 46	6 32
S 13	9 2	9 57	4 18	2 19	1 59	23 49	6 37	15 9	0 5	22 55	0 17	17 55	1 10	7 9	0 39	18 42	1 37	9 26	11 48	22 29	22 26	20 31	16 47	6 32
S 14	9 24	4 59	4 47	3 8	1 54	23 46	6 37	15 23	0 5	22 55	0 17	17 55	1 10	7 8	0 39	18 43	1 37	9 27	11 48	22 30	22 27	20 32	16 47	6 31
M15	9 46	0s24	5 0	3 58	1 48	23 42	6 37	15 37	0 6	22 55	0 17	17 55	1 10	7 7	0 39	18 43	1 37	9 27	11 48	22 31	22 27	20 34	16 47	6 31
T 16	10 7	5 52	4 55	4 48	1 41	23 37	6 35	15 51	0 7	22 55	0 17	17 55	1 10	7 6	0 39	18 44	1 37	9 28	11 48	22 33	22 27	20 35	16 48	6 30
W17	10 28	11 7	4 30	5 40	1 34	23 31	6 34	16 4	0 7	22 55	0 17	17 55	1 10	7 5	0 39	18 44	1 37	9 28	11 47	22 34	22 28	20 36	16 48	6 30
T 18	10 49	15 45	3 47	6 31	1 27	23 23	6 31	16 18	0 8	22 55	0 17	17 55	1 10	7 4	0 39	18 44	1 37	9 28	11 47	22 35	22 28	20 38	16 48	6 29
F 19	11 10	19 23	2 48	7 24	1 19	23 14	6 28	16 31	0 8	22 55	0 17	17 55	1 10	7 3	0 39	18 45	1 37	9 29	11 47	22 35	22 29	20 39	16 49	6 29
S 20	11 31	21 44	1 39	8 16	1 11	23 3	6 24	16 44	0 9	22 55	0 17	17 54	1 10	7 2	0 39	18 45	1 37	9 29	11 47	22 36	22 29	20 40	16 49	6 28
S 21	11 51	22 38	0 25	9 10	1 2	22 51	6 20	16 57	0 10	22 55	0 17	17 54	1 10	7 1	0 39	18 46	1 37	9 29	11 47	22 36	22 29	20 42	16 49	6 28
M22	12 11	22 3	0s50	10 3	0 53	22 38	6 14	17 10	0 10	22 55	0 17	17 54	1 10	7 0	0 39	18 46	1 37	9 30	11 47	22 36	22 30	20 43	16 49	6 27
T 23	12 31	20 7	2 0	10 56	0 44	22 24	6 8	17 23	0 11	22 55	0 17	17 54	1 10	6 59	0 39	18 47	1 37	9 30	11 46	22 36	22 30	20 44	16 50	6 27
W24	12 51	17 5	3 2	11 49	0 34	22 8	6 2	17 35	0 12	22 55	0 17	17 53	1 10	6 58	0 39	18 47	1 37	9 31	11 46	22 36	22 30	20 46	16 50	6 26
T 25	13 11	13 12	3 53	12 42	0 24	21 51	5 54	17 48	0 12	22 55	0 17	17 53	1 10	6 57	0 39	18 48	1 37	9 31	11 46	22 36	22 31	20 47	16 50	6 26
F 26	13 30	8 45	4 31	13 34	0 13	21 33	5 46	18 0	0 13	22 55	0 16	17 53	1 9	6 57	0 39	18 48	1 37	9 31	11 46	22 37	22 31	20 48	16 50	6 26
S 27	13 50	3 59	4 54	14 26	0 3	21 13	5 37	18 12	0 13	22 55	0 16	17 52	1 9	6 56	0 39	18 48	1 37	9 32	11 46	22 38	22 32	20 50	16 51	6 25
S 28	14 9	0n52	5 2	15 17	0n 8	20 53	5 28	18 24	0 14	22 55	0 16	17 52	1 9	6 55	0 39	18 49	1 37	9 32	11 46	22 39	22 32	20 51	16 51	6 25
M29	14 27	5 38	4 56	16 7	0 18	20 32	5 17	18 35	0 15	22 56	0 16	17 51	1 9	6 54	0 39	18 49	1 37	9 32	11 46	22 41	22 32	20 52	16 51	6 24
T 30	14n46	10n 6	4s35	16n55	0n29	20n10	5n 7	18n47	0n15	22s56	0n16	17n51	1n 9	6s53	0n39	18n50	1s36	9n33	11s45	22n42	22n33	20n53	16n51	6s24

Julian Day Number = 2411093.5, Delta T = -3.87 sec
Ecliptic obliquity = 23°27'11, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°11'37, Lahiri = 22°18'37

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ASTRODIENST EPHEMERIS for the year 1889
geocentric

MAY 1889 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 36 27	10♉47'17	21♉ 0	17♉31	10°R56	23♉43	8°R13	13♌40	19°R 4	1♊12	4♊52	14°R 1	15♋31	20♊20	7♋30	W 1
T 2	14 40 23	11°45'29	3♊ 1	19°38	10♉18	24°25	8♑12	13°42	19♎ 2	1°14	4°54	13♋52	15°28	20°26	7°35	T 2
F 3	14 44 20	12°43'38	14°54	21°45	9°40	25° 8	8°10	13°44	19° 0	1°16	4°55	13°46	15°24	20°33	7°39	F 3
S 4	14 48 16	13°41'45	26°42	23°50	9° 3	25°50	8° 9	13°46	18°58	1°18	4°56	13°42	15°21	20°40	7°43	S 4
S 5	14 52 13	14°39'51	8♋29	25°53	8°27	26°33	8° 7	13°48	18°55	1°20	4°58	13°D40	15°18	20°46	7°48	S 5
M 6	14 56 10	15°37'55	20°18	27°54	7°52	27°15	8° 5	13°50	18°53	1°23	4°59	13°40	15°15	20°53	7°52	M 6
T 7	15 0 6	16°35'57	2♌15	29°53	7°18	27°58	8° 3	13°52	18°51	1°25	5° 0	13°41	15°12	21° 0	7°57	T 7
W 8	15 4 3	17°33'57	14°24	1♊50	6°45	28°40	8° 0	13°55	18°49	1°27	5° 1	13°R42	15° 9	21° 6	8° 2	W 8
T 9	15 7 59	18°31'55	26°50	3°44	6°13	29°22	7°58	13°57	18°47	1°29	5° 3	13°41	15° 5	21°13	8° 6	T 9
F 10	15 11 56	19°29'52	9♍39	5°35	5°44	0♊ 4	7°55	14° 0	18°44	1°31	5° 4	13°39	15° 2	21°20	8°11	F 10
S 11	15 15 52	20°27'46	22°54	7°23	5°16	0°47	7°52	14° 3	18°42	1°34	5° 5	13°35	14°59	21°26	8°16	S 11
S 12	15 19 49	21°25'39	6♎38	9° 8	4°50	1°29	7°49	14° 6	18°40	1°36	5° 7	13°29	14°56	21°33	8°21	S 12
M13	15 23 45	22°23'30	20°50	10°50	4°27	2°11	7°46	14° 9	18°38	1°38	5° 8	13°22	14°53	21°40	8°26	M13
T 14	15 27 42	23°21'19	5♏27	12°29	4° 6	2°53	7°42	14°12	18°36	1°40	5° 9	13°14	14°49	21°46	8°31	T 14
W15	15 31 39	24°19'07	20°23	14° 4	3°46	3°35	7°39	14°15	18°34	1°42	5°11	13° 7	14°46	21°53	8°36	W15
T 16	15 35 35	25°16'53	5♐29	15°36	3°30	4°17	7°35	14°18	18°33	1°45	5°12	13° 1	14°43	22° 0	8°41	T 16
F 17	15 39 32	26°14'38	20°34	17° 4	3°15	4°58	7°31	14°21	18°31	1°47	5°13	12°57	14°40	22° 6	8°46	F 17
S 18	15 43 28	27°12'22	5♑32	18°29	3° 3	5°40	7°27	14°24	18°29	1°49	5°15	12°55	14°37	22°13	8°51	S 18
S 19	15 47 25	28°10'05	20°13	19°50	2°54	6°22	7°23	14°28	18°27	1°51	5°16	12°D55	14°34	22°19	8°56	S 19
M20	15 51 21	29° 7'46	4♒34	21° 8	2°47	7° 4	7°18	14°32	18°25	1°54	5°17	12°56	14°30	22°26	9° 2	M20
T 21	15 55 18	0♊ 5'27	18°33	22°22	2°42	7°45	7°14	14°35	18°24	1°56	5°19	12°58	14°27	22°33	9° 7	T 21
W22	15 59 14	1° 3'06	2♓ 9	23°32	2°D40	8°27	7° 9	14°39	18°22	1°58	5°20	12°R58	14°24	22°39	9°12	W22
T 23	16 3 11	2° 0'45	15°25	24°39	2°40	9° 9	7° 4	14°43	18°20	2° 0	5°22	12°57	14°21	22°46	9°18	T 23
F 24	16 7 8	2°58'22	28°22	25°41	2°43	9°50	6°59	14°47	18°19	2° 3	5°23	12°55	14°18	22°53	9°23	F 24
S 25	16 11 4	3°55'59	11♈ 3	26°40	2°48	10°32	6°54	14°51	18°17	2° 5	5°24	12°50	14°15	22°59	9°29	S 25
S 26	16 15 1	4°53'35	23°31	27°35	2°55	11°13	6°49	14°55	18°16	2° 7	5°26	12°45	14°11	23° 6	9°34	S 26
M27	16 18 57	5°51'09	5♉47	28°25	3° 4	11°55	6°43	14°59	18°14	2° 9	5°27	12°38	14° 8	23°13	9°40	M27
T 28	16 22 54	6°48'43	17°54	29°12	3°15	12°36	6°38	15° 3	18°13	2°12	5°28	12°32	14° 5	23°19	9°46	T 28
W29	16 26 50	7°46'16	29°53	29°54	3°29	13°17	6°32	15° 7	18°11	2°14	5°30	12°26	14° 2	23°26	9°51	W29
T 30	16 30 47	8°43'47	11♊46	0♋33	3°44	13°59	6°26	15°12	18°10	2°16	5°31	12°21	13°59	23°33	9°57	T 30
F 31	16 34 43	9♊41'18	23♊34	1♋ 6	4♉ 1	14♊40	6♑20	15♌16	18♎ 9	2♊18	5♊32	12♋18	13♋55	23♊39	10♋ 3	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	15n 4	14n 7	4s 3	17n42	0n40	19n47	4n55	18n58	0n16	22s56	0n16	17n50	1n 9	6s52	0n39	18n50	1s36	9n33	11s45	22n43	22n33	20n55	16n52	6s23
T 2	15 22	17 31	3 19	18 27	0 50	19 23	4 43	19 9	0 17	22 56	0 16	17 50	1 9	6 51	0 39	18 51	1 36	9 33	11 45	22 44	22 33	20 56	16 52	6 23
F 3	15 40	20 9	2 28	19 11	1 0	19 0	4 31	19 20	0 17	22 56	0 16	17 49	1 9	6 50	0 39	18 51	1 36	9 34	11 45	22 44	22 34	20 57	16 52	6 23
S 4	15 58	21 55	1 30	19 52	1 10	18 35	4 18	19 31	0 18	22 56	0 16	17 48	1 9	6 50	0 39	18 52	1 36	9 34	11 45	22 45	22 34	20 58	16 52	6 22
S 5	16 15	22 43	0 28	20 31	1 19	18 11	4 4	19 41	0 18	22 57	0 16	17 48	1 9	6 49	0 39	18 52	1 36	9 34	11 45	22 45	22 34	21 0	16 52	6 22
M 6	16 32	22 30	0n36	21 8	1 28	17 46	3 51	19 52	0 19	22 57	0 16	17 47	1 9	6 48	0 39	18 53	1 36	9 35	11 45	22 45	22 35	21 1	16 52	6 22
T 7	16 48	21 16	1 38	21 43	1 37	17 22	3 37	20 2	0 20	22 57	0 16	17 46	1 9	6 47	0 39	18 53	1 36	9 35	11 44	22 45	22 35	21 2	16 52	6 21
W 8	17 5	19 2	2 37	22 15	1 44	16 58	3 23	20 12	0 20	22 57	0 16	17 46	1 9	6 46	0 39	18 53	1 36	9 35	11 44	22 45	22 36	21 4	16 52	6 21
T 9	17 21	15 52	3 31	22 44	1 52	16 34	3 8	20 22	0 21	22 57	0 15	17 45	1 9	6 46	0 39	18 54	1 36	9 36	11 44	22 45	22 36	21 5	16 53	6 20
F 10	17 37	11 53	4 15	23 11	1 58	16 10	2 54	20 31	0 21	22 58	0 15	17 44	1 9	6 45	0 39	18 54	1 36	9 36	11 44	22 45	22 36	21 6	16 53	6 20
S 11	17 53	7 13	4 48	23 36	2 4	15 47	2 40	20 41	0 22	22 58	0 15	17 43	1 9	6 44	0 39	18 55	1 36	9 36	11 44	22 46	22 37	21 7	16 53	6 20
S 12	18 8	2 2	5 5	23 57	2 9	15 25	2 25	20 50	0 22	22 58	0 15	17 42	1 9	6 43	0 39	18 55	1 36	9 37	11 44	22 46	22 37	21 8	16 53	6 19
M13	18 23	3s26	5 5	24 17	2 13	15 4	2 11	20 59	0 23	22 58	0 15	17 42	1 9	6 43	0 39	18 56	1 36	9 37	11 44	22 47	22 37	21 10	16 53	6 19
T 14	18 37	8 52	4 45	24 34	2 17	14 43	1 57	21 8	0 24	22 59	0 15	17 41	1 9	6 42	0 39	18 56	1 36	9 37	11 44	22 48	22 38	21 11	16 53	6 19
W15	18 52	13 55	4 5	24 48	2 19	14 23	1 42	21 17	0 24	22 59	0 15	17 40	1 9	6 41	0 39	18 57	1 36	9 38	11 44	22 48	22 38	21 12	16 53	6 18
T 16	19 6	18 9	3 8	25 1	2 21	14 5	1 29	21 25	0 25	22 59	0 15	17 39	1 9	6 40	0 39	18 57	1 36	9 38	11 44	22 49	22 38	21 13	16 53	6 18
F 17	19 19	21 10	1 58	25 11	2 22	13 47	1 15	21 33	0 25	23 0	0 15	17 38	1 9	6 40	0 39	18 58	1 36	9 38	11 44	22 49	22 39	21 15	16 53	6 18
S 18	19 33	22 40	0 40	25 19	2 22	13 30	1 1	21 41	0 26	23 0	0 15	17 37	1 9	6 39	0 39	18 58	1 36	9 38	11 43	22 49	22 39	21 16	16 53	6 17
S 19	19 46	22 35	0s39	25 24	2 21	13 15	0 48	21 49	0 26	23 0	0 15	17 36	1 9	6 38	0 39	18 58	1 36	9 39	11 43	22 49	22 39	21 17	16 53	6 17
M20	19 59	20 59	1 55	25 28	2 19	13 0	0 36	21 57	0 27	23 1	0 14	17 35	1 9	6 38	0 39	18 59	1 36	9 39	11 43	22 49	22 40	21 18	16 53	6 17
T 21	20 11	18 9	3 1	25 30	2 17	12 47	0 23	22 4	0 27	23 1	0 14	17 33	1 9	6 37	0 39	18 59	1 36	9 39	11 43	22 49	22 40	21 19	16 53	6 16
W22	20 23	14 22	3 55	25 31	2 13	12 35	0 11	22 11	0 28	23 1	0 14	17 32	1 8	6 36	0 39	19 0	1 36	9 40	11 43	22 49	22 40	21 20	16 53	6 16
T 23	20 35	9 59	4 35	25 29	2 9	12 24	0s 1	22 18	0 29	23 2	0 14	17 31	1 8	6 36	0 39	19 0	1 36	9 40	11 43	22 49	22 41	21 22	16 53	6 16
F 24	20 46	5 15	5 1	25 26	2 4	12 14	0 12	22 25	0 29	23 2	0 14	17 30	1 8	6 35	0 39	19 1	1 36	9 40	11 43	22 50	22 41	21 23	16 52	6 16
S 25	20 57	0 23	5 10	25 22	1 57	12 5	0 23	22 32	0 30	23 2	0 14	17 29	1 8	6 35	0 39	19 1	1 36	9 40	11 43	22 50	22 41	21 24	16 52	6 15
S 26	21 7	4n25	5 5	25 16	1 50	11 57	0 34	22 38	0 30	23 3	0 14	17 28	1 8	6 34	0 38	19 2	1 36	9 41	11 43	22 51	22 42	21 25	16 52	6 15
M27	21 18	8 58	4 46	25 9	1 43	11 51	0 44	22 44	0 31	23 3	0 14	17 26	1 8	6 34	0 38	19 2	1 36	9 41	11 43	22 51	22 42	21 26	16 52	6 15
T 28	21 28	13 7	4 14	25 1	1 34	11 45	0 54	22 50	0 31	23 4	0 14	17 25	1 8	6 33	0 38	19 2	1 36	9 41	11 43	22 52	22 42	21 28	16 52	6 15
W29	21 37	16 42	3 31	24 51	1 24	11 41	1 4	22 56	0 32	23 4	0 13	17 24	1 8	6 33	0 38	19 3	1 36	9 41	11 43	22 52	22 43	21 29	16 52	6 14
T 30	21 46	19 35	2 39	24 41	1 14	11 37	1 13	23 2	0 32	23 4	0 13	17 22	1 8	6 32	0 38	19 3	1 36	9 42	11 43	22 53	22 43	21 30	16 52	6 14
F 31	21n55	21n37	1s41	24n29	1n 2	11n35	1s22	23n 7	0n33	23s 5	0n13	17n21	1n 8	6s32	0n38	19n 4	1s36	9n42	11s43	22n53	22n43	21n31	16n51	6s14

Julian Day Number = 2411123.5, Delta T = -3.87 sec
Ecliptic obliquity = 23°27'11, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°11'41, Lahiri = 22°18'42

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ASTRODIENST EPHEMERIS for the year 1889
geocentric

JUNE 1889 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 38 40	10♊38'47	5♋21	1♋36	4♉20	15♊21	6°R14	15♌21	18°R 7	2♊21	5♊34	12°R16	13♋52	23♊46	10♋ 8	S 1
S 2	16 42 37	11°36'16	17° 9	2° 1	4°41	16° 2	6♑ 8	15°26	18♎ 6	2°23	5°35	12°D16	13°49	23°53	10°14	S 2
M 3	16 46 33	12°33'43	29° 0	2°21	5° 4	16°43	6° 1	15°30	18° 5	2°25	5°37	12♋17	13°46	23°59	10°20	M 3
T 4	16 50 30	13°31'10	10♌59	2°37	5°28	17°24	5°55	15°35	18° 4	2°27	5°38	12°19	13°43	24° 6	10°26	T 4
W 5	16 54 26	14°28'35	23°10	2°48	5°54	18° 6	5°48	15°40	18° 3	2°29	5°39	12°20	13°40	24°13	10°32	W 5
T 6	16 58 23	15°25'59	5♍36	2°54	6°22	18°46	5°42	15°45	18° 2	2°32	5°41	12°22	13°36	24°19	10°38	T 6
F 7	17 2 19	16°23'21	18°22	2°R56	6°51	19°27	5°35	15°50	18° 1	2°34	5°42	12°R22	13°33	24°26	10°44	F 7
S 8	17 6 16	17°20'43	1♎33	2°54	7°21	20° 8	5°28	15°55	18° 0	2°36	5°43	12°21	13°30	24°33	10°50	S 8
S 9	17 10 12	18°18'04	15°11	2°47	7°53	20°49	5°21	16° 0	17°59	2°38	5°45	12°20	13°27	24°39	10°56	S 9
M10	17 14 9	19°15'23	29°16	2°36	8°26	21°30	5°14	16° 6	17°58	2°40	5°46	12°17	13°24	24°46	11° 2	M10
T 11	17 18 6	20°12'42	13♏48	2°20	9° 1	22°11	5° 7	16°11	17°57	2°43	5°47	12°14	13°21	24°53	11° 8	T 11
W12	17 22 2	21°10'00	28°41	2° 1	9°37	22°51	5° 0	16°16	17°57	2°45	5°49	12°11	13°17	24°59	11°14	W12
T 13	17 25 59	22° 7'17	13♐49	1°39	10°14	23°32	4°52	16°22	17°56	2°47	5°50	12° 9	13°14	25° 6	11°20	T 13
F 14	17 29 55	23° 4'33	29° 2	1°13	10°52	24°13	4°45	16°27	17°55	2°49	5°51	12° 8	13°11	25°12	11°26	F 14
S 15	17 33 52	24° 1'49	14♑11	0°45	11°31	24°53	4°38	16°33	17°55	2°51	5°53	12°D 8	13° 8	25°19	11°33	S 15
S 16	17 37 48	24°59'05	29° 7	0°14	12°11	25°34	4°30	16°39	17°54	2°53	5°54	12° 8	13° 5	25°26	11°39	S 16
M17	17 41 45	25°56'20	13♒42	29♊41	12°53	26°15	4°23	16°44	17°54	2°55	5°55	12° 9	13° 1	25°32	11°45	M17
T 18	17 45 42	26°53'35	27°53	29° 7	13°35	26°55	4°15	16°50	17°54	2°58	5°56	12°10	12°58	25°39	11°51	T 18
W19	17 49 38	27°50'49	11♓38	28°33	14°18	27°35	4° 8	16°56	17°53	3° 0	5°58	12°11	12°55	25°46	11°58	W19
T 20	17 53 35	28°48'03	24°58	27°58	15° 3	28°16	4° 0	17° 2	17°53	3° 2	5°59	12°R12	12°52	25°52	12° 4	T 20
F 21	17 57 31	29°45'18	7♈55	27°24	15°48	28°56	3°53	17° 8	17°53	3° 4	6° 0	12°12	12°49	25°59	12°10	F 21
S 22	18 1 28	0♋42'32	20°32	26°52	16°34	29°37	3°45	17°14	17°52	3° 6	6° 2	12°11	12°46	26° 6	12°16	S 22
S 23	18 5 24	1°39'46	2♉52	26°20	17°20	0♋17	3°37	17°20	17°52	3° 8	6° 3	12°10	12°42	26°12	12°23	S 23
M24	18 9 21	2°37'00	15° 0	25°51	18° 8	0°57	3°30	17°26	17°52	3°10	6° 4	12° 9	12°39	26°19	12°29	M24
T 25	18 13 17	3°34'14	26°58	25°25	18°56	1°37	3°22	17°32	17°D52	3°12	6° 5	12° 7	12°36	26°26	12°35	T 25
W26	18 17 14	4°31'27	8♊49	25° 2	19°45	2°18	3°14	17°39	17°52	3°14	6° 7	12° 6	12°33	26°32	12°42	W26
T 27	18 21 11	5°28'41	20°38	24°42	20°35	2°58	3° 6	17°45	17°52	3°16	6° 8	12° 5	12°30	26°39	12°48	T 27
F 28	18 25 7	6°25'55	2♋25	24°27	21°26	3°38	2°59	17°51	17°52	3°18	6° 9	12° 5	12°27	26°46	12°55	F 28
S 29	18 29 4	7°23'08	14°13	24°15	22°17	4°18	2°51	17°58	17°52	3°20	6°10	12°D 5	12°23	26°52	13° 1	S 29
S 30	18 33 0	8♋20'22	26♋ 6	24♊ 8	23♉ 8	4♋58	2♑44	18♌ 4	17♎53	3♊22	6♊11	12♋ 5	12♋20	26♊59	13♋ 7	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 3	22n43	0s38	24n17	0n50	11n33	1s30	23n12	0n33	23s 5	0n13	17n20	1n 8	6s31	0n38	19n 4	1s36	9n42	11s43	22n53	22n44	21n32	16n51	6s14
S 2	22 11	22 48	0n27	24 4	0 37	11 33	1 38	23 17	0 34	23 6	0 13	17 18	1 8	6 31	0 38	19 5	1 36	9 42	11 43	22 53	22 44	21 33	16 51	6 14
M 3	22 19	21 51	1 31	23 50	0 24	11 33	1 46	23 22	0 34	23 6	0 13	17 17	1 8	6 30	0 38	19 5	1 36	9 43	11 43	22 53	22 44	21 34	16 51	6 13
T 4	22 26	19 54	2 31	23 35	0 9	11 34	1 53	23 26	0 35	23 6	0 13	17 15	1 8	6 30	0 38	19 6	1 36	9 43	11 43	22 53	22 45	21 36	16 51	6 13
W 5	22 33	17 3	3 26	23 20	0s 5	11 36	2 0	23 30	0 35	23 7	0 13	17 14	1 8	6 30	0 38	19 6	1 36	9 43	11 43	22 53	22 45	21 37	16 50	6 13
T 6	22 39	13 22	4 13	23 4	0 21	11 39	2 7	23 34	0 36	23 7	0 13	17 12	1 8	6 29	0 38	19 6	1 36	9 43	11 43	22 53	22 45	21 38	16 50	6 13
F 7	22 45	9 1	4 48	22 48	0 37	11 42	2 13	23 38	0 36	23 8	0 12	17 11	1 8	6 29	0 38	19 7	1 36	9 43	11 43	22 53	22 46	21 39	16 50	6 13
S 8	22 51	4 7	5 9	22 32	0 53	11 46	2 20	23 42	0 37	23 8	0 12	17 9	1 8	6 29	0 38	19 7	1 36	9 44	11 43	22 53	22 46	21 40	16 49	6 12
S 9	22 56	1s 9	5 15	22 15	1 10	11 51	2 25	23 45	0 37	23 9	0 12	17 8	1 8	6 28	0 38	19 8	1 36	9 44	11 43	22 53	22 46	21 41	16 49	6 12
M10	23 1	6 31	5 1	21 59	1 27	11 57	2 31	23 49	0 38	23 9	0 12	17 6	1 8	6 28	0 38	19 8	1 36	9 44	11 43	22 53	22 47	21 42	16 49	6 12
T 11	23 6	11 43	4 29	21 42	1 44	12 3	2 36	23 52	0 38	23 9	0 12	17 5	1 8	6 28	0 38	19 8	1 36	9 44	11 43	22 53	22 47	21 43	16 48	6 12
W12	23 10	16 21	3 37	21 25	2 1	12 9	2 41	23 54	0 39	23 10	0 12	17 3	1 8	6 28	0 38	19 9	1 36	9 44	11 43	22 54	22 47	21 44	16 48	6 12
T 13	23 13	19 59	2 30	21 9	2 18	12 17	2 45	23 57	0 39	23 10	0 12	17 1	1 8	6 27	0 38	19 9	1 36	9 45	11 43	22 54	22 48	21 45	16 48	6 12
F 14	23 16	22 15	1 12	20 52	2 34	12 24	2 50	23 59	0 40	23 11	0 12	17 0	1 8	6 27	0 38	19 10	1 36	9 45	11 43	22 54	22 48	21 47	16 47	6 12
S 15	23 19	22 53	0s11	20 37	2 50	12 33	2 54	24 1	0 40	23 11	0 11	16 58	1 8	6 27	0 38	19 10	1 36	9 45	11 43	22 54	22 48	21 48	16 47	6 11
S 16	23 21	21 51	1 33	20 21	3 6	12 41	2 57	24 3	0 41	23 11	0 11	16 56	1 8	6 27	0 38	19 10	1 36	9 45	11 43	22 54	22 49	21 49	16 47	6 11
M17	23 23	19 22	2 46	20 7	3 20	12 50	3 1	24 5	0 41	23 12	0 11	16 54	1 8	6 27	0 38	19 11	1 36	9 45	11 43	22 54	22 49	21 50	16 46	6 11
T 18	23 25	15 46	3 47	19 53	3 34	13 0	3 4	24 7	0 42	23 12	0 11	16 53	1 8	6 27	0 38	19 11	1 36	9 46	11 43	22 54	22 49	21 51	16 46	6 11
W19	23 26	11 24	4 33	19 40	3 47	13 10	3 7	24 8	0 42	23 12	0 11	16 51	1 8	6 26	0 38	19 12	1 36	9 46	11 43	22 54	22 50	21 52	16 45	6 11
T 20	23 27	6 38	5 3	19 28	3 58	13 20	3 10	24 9	0 43	23 13	0 11	16 49	1 8	6 26	0 38	19 12	1 36	9 46	11 43	22 54	22 50	21 53	16 45	6 11
F 21	23 27	1 42	5 16	19 18	4 8	13 30	3 12	24 10	0 43	23 13	0 11	16 47	1 8	6 26	0 38	19 12	1 36	9 46	11 43	22 54	22 50	21 54	16 44	6 11
S 22	23 27	3n11	5 14	19 8	4 17	13 41	3 15	24 11	0 44	23 14	0 10	16 45	1 8	6 26	0 38	19 13	1 36	9 46	11 43	22 54	22 50	21 55	16 44	6 11
S 23	23 27	7 50	4 57	19 0	4 24	13 52	3 17	24 11	0 44	23 14	0 10	16 44	1 8	6 26	0 37	19 13	1 36	9 46	11 44	22 54	22 51	21 56	16 43	6 11
M24	23 26	12 6	4 27	18 53	4 30	14 4	3 19	24 11	0 44	23 14	0 10	16 42	1 8	6 26	0 37	19 13	1 36	9 46	11 44	22 54	22 51	21 57	16 43	6 11
T 25	23 24	15 50	3 45	18 48	4 34	14 15	3 20	24 11	0 45	23 15	0 10	16 40	1 8	6 26	0 37	19 14	1 36	9 46	11 44	22 54	22 51	21 58	16 42	6 11
W26	23 23	18 55	2 54	18 44	4 37	14 27	3 22	24 11	0 45	23 15	0 10	16 38	1 8	6 26	0 37	19 14	1 36	9 47	11 44	22 54	22 52	21 59	16 42	6 11
T 27	23 20	21 11	1 56	18 42	4 39	14 39	3 23	24 11	0 46	23 15	0 10	16 36	1 8	6 26	0 37	19 15	1 37	9 47	11 44	22 54	22 52	22 0	16 41	6 11
F 28	23 18	22 32	0 53	18 42	4 39	14 51	3 24	24 10	0 46	23 16	0 10	16 34	1 8	6 26	0 37	19 15	1 37	9 47	11 44	22 54	22 52	22 1	16 41	6 11
S 29	23 15	22 53	0n12	18 43	4 37	15 3	3 25	24 10	0 47	23 16	0 10	16 32	1 8	6 27	0 37	19 15	1 37	9 47	11 44	22 54	22 53	22 2	16 40	6 11
S 30	23n11	22n12	1n17	18n45	4s35	15n15	3s26	24n 9	0n47	23s16	0n 9	16n30	1n 8	6s27	0n37	19n16	1s37	9n47	11s44	22n54	22n53	22n 3	16n39	6s11

Julian Day Number = 2411154.5, Delta T = -3.87 sec
Ecliptic obliquity = 23°27'11, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°11'45, Lahiri = 22°18'46

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1889
geocentric

JULY 1889 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 36 57	9♋17'35	8♌ 4	24°D 6	24♉ 1	5♋38	2°R36	18♌11	17♎53	3♊24	6♊13	12♋ 5	12♋17	27♊ 6	13♋14	M 1
T 2	18 40 53	10°14'48	20°10	24♊ 8	24°53	6°18	2♉28	18°17	17°53	3°25	6°14	12° 6	12°14	27°12	13°20	T 2
W 3	18 44 50	11°12'00	2♍28	24°16	25°47	6°58	2°21	18°24	17°54	3°27	6°15	12° 6	12°11	27°19	13°27	W 3
T 4	18 48 46	12° 9'13	15° 0	24°28	26°41	7°38	2°13	18°30	17°54	3°29	6°16	12°R 6	12° 7	27°26	13°33	T 4
F 5	18 52 43	13° 6'25	27°49	24°46	27°35	8°18	2° 6	18°37	17°54	3°31	6°17	12° 6	12° 4	27°32	13°40	F 5
S 6	18 56 40	14° 3'37	10♎58	25° 8	28°30	8°57	1°58	18°44	17°55	3°33	6°18	12°D 6	12° 1	27°39	13°46	S 6
S 7	19 0 36	15° 0'49	24°29	25°36	29°26	9°37	1°51	18°51	17°56	3°35	6°19	12° 6	11°58	27°45	13°52	S 7
M 8	19 4 33	15°58'01	8♏24	26° 9	0♊22	10°17	1°44	18°57	17°56	3°36	6°20	12° 6	11°55	27°52	13°59	M 8
T 9	19 8 29	16°55'13	22°43	26°47	1°18	10°57	1°37	19° 4	17°57	3°38	6°22	12° 6	11°52	27°59	14° 5	T 9
W10	19 12 26	17°52'24	7♐22	27°29	2°15	11°36	1°30	19°11	17°58	3°40	6°23	12° 7	11°48	28° 5	14°12	W10
T 11	19 16 22	18°49'36	22°18	28°17	3°12	12°16	1°22	19°18	17°58	3°42	6°24	12° 7	11°45	28°12	14°18	T 11
F 12	19 20 19	19°46'48	7♑23	29°10	4°10	12°55	1°16	19°25	17°59	3°43	6°25	12°R 8	11°42	28°19	14°25	F 12
S 13	19 24 15	20°44'00	22°29	0♋ 8	5° 8	13°35	1° 9	19°32	18° 0	3°45	6°26	12° 7	11°39	28°25	14°31	S 13
S 14	19 28 12	21°41'12	7♒27	1°10	6° 6	14°15	1° 2	19°39	18° 1	3°47	6°27	12° 7	11°36	28°32	14°38	S 14
M15	19 32 9	22°38'25	22° 9	2°17	7° 5	14°54	0°55	19°46	18° 2	3°48	6°28	12° 6	11°33	28°39	14°44	M15
T 16	19 36 5	23°35'38	6♓28	3°29	8° 4	15°34	0°49	19°53	18° 3	3°50	6°29	12° 5	11°29	28°45	14°50	T 16
W17	19 40 2	24°32'52	20°22	4°45	9° 4	16°13	0°42	20° 1	18° 4	3°51	6°30	12° 3	11°26	28°52	14°57	W17
T 18	19 43 58	25°30'07	3♈48	6° 6	10° 4	16°52	0°36	20° 8	18° 5	3°53	6°31	12° 2	11°23	28°59	15° 3	T 18
F 19	19 47 55	26°27'22	16°49	7°31	11° 4	17°32	0°29	20°15	18° 7	3°55	6°32	12° 1	11°20	29° 5	15°10	F 19
S 20	19 51 51	27°24'38	29°27	9° 1	12° 5	18°11	0°23	20°22	18° 8	3°56	6°33	12°D 1	11°17	29°12	15°16	S 20
S 21	19 55 48	28°21'55	11♉46	10°35	13° 6	18°50	0°17	20°29	18° 9	3°57	6°34	12° 1	11°13	29°19	15°22	S 21
M22	19 59 44	29°19'13	23°51	12°12	14° 7	19°30	0°11	20°37	18°10	3°59	6°34	12° 2	11°10	29°25	15°29	M22
T 23	20 3 41	0♌16'32	5♊45	13°54	15° 9	20° 9	0° 6	20°44	18°12	4° 0	6°35	12° 4	11° 7	29°32	15°35	T 23
W24	20 7 38	1°13'52	17°34	15°39	16°10	20°48	0° 0	20°51	18°13	4° 2	6°36	12° 5	11° 4	29°39	15°41	W24
T 25	20 11 34	2°11'12	29°20	17°27	17°13	21°27	29♐55	20°59	18°15	4° 3	6°37	12° 7	11° 1	29°45	15°48	T 25
F 26	20 15 31	3° 8'33	11♋ 9	19°19	18°15	22° 7	29°49	21° 6	18°16	4° 5	6°38	12°R 7	10°58	29°52	15°54	F 26
S 27	20 19 27	4° 5'56	23° 3	21°13	19°18	22°46	29°44	21°14	18°18	4° 6	6°39	12° 7	10°54	29°58	16° 0	S 27
S 28	20 23 24	5° 3'19	5♌ 3	23°10	20°20	23°25	29°39	21°21	18°20	4° 7	6°39	12° 5	10°51	0♋ 5	16° 7	S 28
M29	20 27 20	6° 0'42	17°13	25° 9	21°24	24° 4	29°34	21°29	18°21	4° 8	6°40	12° 2	10°48	0°12	16°13	M29
T 30	20 31 17	6°58'07	29°33	27°10	22°27	24°43	29°29	21°36	18°23	4°10	6°41	11°59	10°45	0°18	16°19	T 30
W31	20 35 13	7♌55'32	12♍ 5	29♋12	23♊31	25♋22	29♐25	21♌44	18♎25	4♊11	6♊42	11♋55	10♋42	0♋25	16♋25	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 8	20n30	2n19	18n49	4s31	15n27	3s26	24n 7	0n48	23s16	0n 9	16n28	1n 8	6s27	0n37	19n16	1s37	9n47	11s44	22n54	22n53	22n 4	16n39	6s11
T 2	23 3	17 52	3 16	18 54	4 25	15 39	3 27	24 6	0 48	23 17	0 9	16 26	1 8	6 27	0 37	19 16	1 37	9 47	11 44	22 54	22 53	22 5	16 38	6 11
W 3	22 59	14 25	4 5	19 1	4 19	15 52	3 27	24 4	0 48	23 17	0 9	16 24	1 8	6 27	0 37	19 17	1 37	9 47	11 44	22 54	22 54	22 6	16 38	6 11
T 4	22 54	10 16	4 43	19 9	4 12	16 4	3 27	24 3	0 49	23 17	0 9	16 22	1 8	6 27	0 37	19 17	1 37	9 47	11 44	22 54	22 54	22 7	16 37	6 11
F 5	22 48	5 35	5 8	19 18	4 3	16 17	3 27	24 1	0 49	23 18	0 9	16 20	1 8	6 28	0 37	19 17	1 37	9 47	11 45	22 54	22 54	22 8	16 36	6 11
S 6	22 43	0 32	5 18	19 28	3 54	16 29	3 26	23 59	0 50	23 18	0 9	16 18	1 8	6 28	0 37	19 17	1 37	9 48	11 45	22 54	22 55	22 9	16 36	6 11
S 7	22 36	4s41	5 10	19 39	3 44	16 41	3 26	23 56	0 50	23 18	0 8	16 16	1 8	6 28	0 37	19 18	1 37	9 48	11 45	22 54	22 55	22 10	16 35	6 11
M 8	22 30	9 49	4 45	19 51	3 33	16 53	3 25	23 54	0 50	23 18	0 8	16 13	1 8	6 28	0 37	19 18	1 37	9 48	11 45	22 54	22 55	22 11	16 34	6 11
T 9	22 23	14 34	4 2	20 3	3 22	17 5	3 25	23 51	0 51	23 19	0 8	16 11	1 8	6 29	0 37	19 18	1 37	9 48	11 45	22 54	22 55	22 12	16 33	6 11
W10	22 16	18 34	3 1	20 16	3 10	17 17	3 24	23 48	0 51	23 19	0 8	16 9	1 8	6 29	0 37	19 19	1 37	9 48	11 45	22 54	22 56	22 13	16 33	6 11
T 11	22 8	21 26	1 48	20 29	2 58	17 29	3 23	23 45	0 52	23 19	0 8	16 7	1 8	6 29	0 37	19 19	1 37	9 48	11 45	22 54	22 56	22 14	16 32	6 11
F 12	22 0	22 49	0 26	20 42	2 45	17 41	3 22	23 41	0 52	23 19	0 8	16 5	1 8	6 30	0 37	19 19	1 37	9 48	11 45	22 54	22 56	22 15	16 31	6 11
S 13	21 51	22 31	0s57	20 55	2 32	17 53	3 20	23 38	0 52	23 19	0 7	16 3	1 8	6 30	0 37	19 20	1 37	9 48	11 46	22 54	22 57	22 16	16 30	6 11
S 14	21 42	20 37	2 16	21 9	2 18	18 4	3 19	23 34	0 53	23 20	0 7	16 0	1 8	6 30	0 37	19 20	1 37	9 48	11 46	22 54	22 57	22 17	16 30	6 11
M15	21 33	17 21	3 24	21 21	2 5	18 15	3 18	23 30	0 53	23 20	0 7	15 58	1 8	6 31	0 37	19 20	1 37	9 48	11 46	22 54	22 57	22 18	16 29	6 12
T 16	21 23	13 8	4 18	21 34	1 51	18 26	3 16	23 26	0 54	23 20	0 7	15 56	1 8	6 31	0 37	19 20	1 37	9 48	11 46	22 54	22 57	22 19	16 28	6 12
W17	21 13	8 20	4 55	21 45	1 37	18 37	3 14	23 22	0 54	23 20	0 7	15 54	1 8	6 32	0 37	19 21	1 37	9 48	11 46	22 54	22 58	22 20	16 27	6 12
T 18	21 3	3 17	5 14	21 56	1 23	18 48	3 12	23 17	0 54	23 20	0 7	15 52	1 8	6 32	0 36	19 21	1 37	9 48	11 46	22 54	22 58	22 20	16 27	6 12
F 19	20 52	1n45	5 16	22 5	1 9	18 58	3 11	23 13	0 55	23 21	0 7	15 49	1 8	6 33	0 36	19 21	1 37	9 48	11 46	22 55	22 58	22 21	16 26	6 12
S 20	20 41	6 34	5 2	22 13	0 55	19 8	3 8	23 8	0 55	23 21	0 6	15 47	1 8	6 33	0 36	19 21	1 37	9 48	11 47	22 55	22 58	22 22	16 25	6 12
S 21	20 30	11 0	4 35	22 20	0 42	19 18	3 6	23 3	0 56	23 21	0 6	15 45	1 8	6 34	0 36	19 22	1 37	9 48	11 47	22 55	22 59	22 23	16 24	6 12
M22	20 18	14 55	3 56	22 25	0 29	19 28	3 4	22 57	0 56	23 21	0 6	15 42	1 8	6 34	0 36	19 22	1 37	9 48	11 47	22 54	22 59	22 24	16 23	6 13
T 23	20 6	18 12	3 8	22 28	0 16	19 37	3 2	22 52	0 56	23 21	0 6	15 40	1 8	6 35	0 36	19 22	1 37	9 48	11 47	22 54	22 59	22 25	16 22	6 13
W24	19 54	20 41	2 12	22 29	0 3	19 46	2 59	22 47	0 57	23 21	0 6	15 38	1 8	6 35	0 36	19 22	1 37	9 48	11 47	22 54	23 0	22 26	16 21	6 13
T 25	19 41	22 17	1 10	22 28	0n 9	19 54	2 57	22 41	0 57	23 21	0 6	15 35	1 8	6 36	0 36	19 22	1 37	9 48	11 47	22 54	23 0	22 27	16 20	6 13
F 26	19 28	22 54	0 5	22 24	0 21	20 2	2 54	22 35	0 57	23 22	0 6	15 33	1 8	6 37	0 36	19 23	1 37	9 48	11 48	22 54	23 0	22 28	16 20	6 13
S 27	19 15	22 28	1n 0	22 18	0 32	20 10	2 52	22 29	0 58	23 22	0 5	15 31	1 8	6 37	0 36	19 23	1 38	9 48	11 48	22 54	23 0	22 28	16 19	6 13
S 28	19 1	21 0	2 3	22 9	0 42	20 18	2 49	22 23	0 58	23 22	0 5	15 28	1 8	6 38	0 36	19 23	1 38	9 48	11 48	22 54	23 1	22 29	16 18	6 14
M29	18 47	18 34	3 1	21 58	0 52	20 25	2 46	22 16	0 58	23 22	0 5	15 26	1 9	6 39	0 36	19 23	1 38	9 48	11 48	22 54	23 1	22 30	16 17	6 14
T 30	18 32	15 15	3 52	21 44	1 1	20 32	2 43	22 10	0 59	23 22	0 5	15 24	1 9	6 39	0 36	19 23	1 38	9 48	11 48	22 55	23 1	22 31	16 16	6 14
W31	18n18	11n13	4n32	21n27	1n 9	20n38	2s40	22n 3	0n59	23s22	0n 5	15n21	1n 9	6s40	0n36	19n24	1s38	9n48	11s48	22n55	23n 1	22n32	16n15	6s14

Julian Day Number = 2411184.5, Delta T = -3.87 sec
Ecliptic obliquity = 23°27'11, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°11'50, Lahiri = 22°18'50

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ASTRODIENST EPHEMERIS for the year 1889
geocentric

AUGUST 1889 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 39 10	8♌52'58	24♍50	1♌16	24♊35	26♋ 1	29°R20	21♌51	18♎27	4♊12	6♊43	11°R51	10♋38	0♋32	16♋31	T 1
F 2	20 43 7	9°50'24	7♎50	3°20	25°39	26°40	29♐16	21°59	18°29	4°13	6°43	11♋47	10°35	0°38	16°37	F 2
S 3	20 47 3	10°47'52	21° 4	5°25	26°43	27°19	29°12	22° 6	18°30	4°14	6°44	11°44	10°32	0°45	16°44	S 3
S 4	20 51 0	11°45'20	4♏36	7°30	27°48	27°58	29° 8	22°14	18°32	4°15	6°45	11°43	10°29	0°52	16°50	S 4
M 5	20 54 56	12°42'49	18°24	9°34	28°52	28°36	29° 4	22°21	18°34	4°17	6°45	11°D43	10°26	0°58	16°56	M 5
T 6	20 58 53	13°40'18	2♐29	11°39	29°57	29°15	29° 0	22°29	18°37	4°18	6°46	11°44	10°23	1° 5	17° 2	T 6
W 7	21 2 49	14°37'49	16°51	13°43	1♋ 2	29°54	28°57	22°37	18°39	4°19	6°47	11°45	10°19	1°12	17° 8	W 7
T 8	21 6 46	15°35'20	1♑27	15°46	2° 8	0♌33	28°54	22°44	18°41	4°20	6°47	11°47	10°16	1°18	17°14	T 8
F 9	21 10 42	16°32'52	16°12	17°48	3°13	1°12	28°51	22°52	18°43	4°21	6°48	11°R47	10°13	1°25	17°20	F 9
S 10	21 14 39	17°30'25	1♒ 1	19°49	4°19	1°50	28°48	22°59	18°45	4°22	6°48	11°46	10°10	1°32	17°26	S 10
S 11	21 18 36	18°27'59	15°46	21°49	5°25	2°29	28°45	23° 7	18°47	4°22	6°49	11°43	10° 7	1°38	17°32	S 11
M12	21 22 32	19°25'34	0♓21	23°48	6°31	3° 8	28°43	23°15	18°50	4°23	6°49	11°38	10° 4	1°45	17°38	M12
T 13	21 26 29	20°23'11	14°39	25°46	7°38	3°46	28°40	23°22	18°52	4°24	6°50	11°32	10° 0	1°51	17°43	T 13
W14	21 30 25	21°20'48	28°34	27°42	8°44	4°25	28°38	23°30	18°55	4°25	6°50	11°26	9°57	1°58	17°49	W14
T 15	21 34 22	22°18'28	12♈ 3	29°37	9°51	5° 3	28°36	23°38	18°57	4°26	6°51	11°20	9°54	2° 5	17°55	T 15
F 16	21 38 18	23°16'08	25° 7	1♍30	10°58	5°42	28°34	23°45	18°59	4°26	6°51	11°16	9°51	2°11	18° 1	F 16
S 17	21 42 15	24°13'51	7♉48	3°23	12° 5	6°21	28°32	23°53	19° 2	4°27	6°52	11°12	9°48	2°18	18° 6	S 17
S 18	21 46 11	25°11'35	20° 8	5°13	13°12	6°59	28°31	24° 1	19° 5	4°28	6°52	11°D11	9°44	2°25	18°12	S 18
M19	21 50 8	26° 9'20	2♊13	7° 3	14°19	7°38	28°30	24° 8	19° 7	4°28	6°52	11°11	9°41	2°31	18°18	M19
T 20	21 54 5	27° 7'08	14° 6	8°50	15°27	8°16	28°29	24°16	19°10	4°29	6°53	11°12	9°38	2°38	18°23	T 20
W21	21 58 1	28° 4'57	25°55	10°37	16°35	8°54	28°28	24°24	19°12	4°30	6°53	11°13	9°35	2°45	18°29	W21
T 22	22 1 58	29° 2'47	7♋43	12°22	17°42	9°33	28°27	24°31	19°15	4°30	6°54	11°R14	9°32	2°51	18°34	T 22
F 23	22 5 54	0♍ 0'40	19°34	14° 6	18°50	10°11	28°27	24°39	19°18	4°31	6°54	11°14	9°29	2°58	18°40	F 23
S 24	22 9 51	0°58'34	1♌34	15°48	19°59	10°50	28°26	24°47	19°21	4°31	6°54	11°12	9°25	3° 5	18°45	S 24
S 25	22 13 47	1°56'30	13°44	17°30	21° 7	11°28	28°D26	24°54	19°24	4°32	6°54	11° 7	9°22	3°11	18°50	S 25
M26	22 17 44	2°54'27	26° 8	19° 9	22°15	12° 6	28°26	25° 2	19°26	4°32	6°55	11° 1	9°19	3°18	18°56	M26
T 27	22 21 40	3°52'26	8♍46	20°48	23°24	12°44	28°26	25° 9	19°29	4°32	6°55	10°53	9°16	3°24	19° 1	T 27
W28	22 25 37	4°50'26	21°38	22°25	24°33	13°23	28°27	25°17	19°32	4°33	6°55	10°43	9°13	3°31	19° 6	W28
T 29	22 29 34	5°48'28	4♎44	24° 1	25°41	14° 1	28°27	25°25	19°35	4°33	6°55	10°34	9°10	3°38	19°11	T 29
F 30	22 33 30	6°46'31	18° 2	25°36	26°50	14°39	28°28	25°32	19°38	4°33	6°55	10°25	9° 6	3°44	19°16	F 30
S 31	22 37 27	7♍44'36	1♏32	27♍ 9	28♋ 0	15♌17	28♐29	25♌40	19♎41	4♊34	6♊56	10♋18	9♋ 3	3♋51	19♋21	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 3	6n38	5n 0	21n 8	1n16	20n44	2s37	21n56	1n 0	23s22	0n 5	15n19	1n 9	6s41	0n36	19n24	1s38	9n47	11s49	22n55	23n 2	22n33	16n14	6s15
F 2	17 48	1 41	5 13	20 46	1 23	20 49	2 34	21 49	1 0	23 23	0 5	15 16	1 9	6 42	0 36	19 24	1 38	9 47	11 49	22 56	23 2	22 34	16 13	6 15
S 3	17 32	3s27	5 9	20 21	1 28	20 54	2 31	21 42	1 0	23 23	0 4	15 14	1 9	6 42	0 36	19 24	1 38	9 47	11 49	22 56	23 2	22 34	16 12	6 15
S 4	17 16	8 31	4 49	19 55	1 33	20 59	2 28	21 34	1 1	23 23	0 4	15 12	1 9	6 43	0 36	19 24	1 38	9 47	11 49	22 56	23 2	22 35	16 11	6 15
M 5	17 0	13 17	4 12	19 26	1 37	21 3	2 24	21 27	1 1	23 23	0 4	15 9	1 9	6 44	0 36	19 24	1 38	9 47	11 49	22 56	23 3	22 36	16 10	6 16
T 6	16 44	17 25	3 19	18 55	1 40	21 6	2 21	21 19	1 1	23 23	0 4	15 7	1 9	6 45	0 36	19 25	1 38	9 47	11 50	22 56	23 3	22 37	16 9	6 16
W 7	16 27	20 37	2 12	18 22	1 43	21 9	2 18	21 11	1 2	23 23	0 4	15 4	1 9	6 46	0 36	19 25	1 38	9 47	11 50	22 56	23 3	22 38	16 8	6 16
T 8	16 10	22 30	0 56	17 47	1 45	21 12	2 14	21 3	1 2	23 23	0 4	15 2	1 9	6 46	0 36	19 25	1 38	9 47	11 50	22 56	23 3	22 39	16 7	6 16
F 9	15 53	22 52	0s24	17 11	1 46	21 14	2 11	20 55	1 2	23 23	0 4	14 59	1 9	6 47	0 36	19 25	1 38	9 47	11 50	22 56	23 4	22 39	16 6	6 17
S 10	15 36	21 37	1 43	16 33	1 46	21 16	2 7	20 47	1 3	23 23	0 3	14 57	1 9	6 48	0 36	19 25	1 38	9 47	11 50	22 56	23 4	22 40	16 5	6 17
S 11	15 18	18 54	2 55	15 54	1 46	21 17	2 4	20 38	1 3	23 24	0 3	14 55	1 9	6 49	0 36	19 25	1 38	9 47	11 51	22 56	23 4	22 41	16 4	6 17
M12	15 0	15 0	3 54	15 14	1 44	21 18	2 0	20 30	1 3	23 24	0 3	14 52	1 9	6 50	0 36	19 25	1 38	9 46	11 51	22 57	23 4	22 42	16 3	6 18
T 13	14 42	10 18	4 37	14 33	1 43	21 18	1 56	20 21	1 4	23 24	0 3	14 50	1 9	6 51	0 36	19 25	1 38	9 46	11 51	22 57	23 5	22 43	16 2	6 18
W14	14 24	5 12	5 3	13 51	1 41	21 17	1 53	20 12	1 4	23 24	0 3	14 47	1 9	6 52	0 35	19 26	1 38	9 46	11 51	22 58	23 5	22 43	16 1	6 18
T 15	14 5	0n 0	5 10	13 9	1 38	21 17	1 49	20 3	1 4	23 24	0 3	14 45	1 10	6 53	0 35	19 26	1 38	9 46	11 51	22 58	23 5	22 44	16 0	6 19
F 16	13 46	5 3	5 1	12 25	1 35	21 15	1 45	19 54	1 4	23 24	0 3	14 42	1 10	6 54	0 35	19 26	1 38	9 46	11 52	22 59	23 5	22 45	15 59	6 19
S 17	13 27	9 44	4 38	11 41	1 31	21 13	1 42	19 45	1 5	23 24	0 2	14 40	1 10	6 55	0 35	19 26	1 39	9 46	11 52	22 59	23 5	22 46	15 58	6 19
S 18	13 8	13 54	4 2	10 57	1 27	21 11	1 38	19 35	1 5	23 24	0 2	14 37	1 10	6 56	0 35	19 26	1 39	9 46	11 52	22 59	23 6	22 46	15 56	6 20
M19	12 48	17 25	3 16	10 12	1 22	21 8	1 34	19 26	1 5	23 25	0 2	14 35	1 10	6 57	0 35	19 26	1 39	9 45	11 52	22 59	23 6	22 47	15 55	6 20
T 20	12 29	20 10	2 22	9 27	1 17	21 4	1 30	19 16	1 6	23 25	0 2	14 32	1 10	6 58	0 35	19 26	1 39	9 45	11 52	22 59	23 6	22 48	15 54	6 21
W21	12 9	22 1	1 22	8 42	1 12	21 0	1 26	19 6	1 6	23 25	0 2	14 30	1 10	6 59	0 35	19 26	1 39	9 45	11 53	22 59	23 6	22 49	15 53	6 21
T 22	11 49	22 55	0 19	7 57	1 7	20 55	1 23	18 56	1 6	23 25	0 2	14 27	1 10	7 0	0 35	19 26	1 39	9 45	11 53	22 59	23 7	22 49	15 52	6 21
F 23	11 28	22 46	0n45	7 12	1 1	20 50	1 19	18 46	1 7	23 25	0 2	14 25	1 10	7 1	0 35	19 26	1 39	9 45	11 53	22 59	23 7	22 50	15 51	6 22
S 24	11 8	21 34	1 47	6 26	0 54	20 44	1 15	18 36	1 7	23 25	0 2	14 22	1 10	7 2	0 35	19 26	1 39	9 45	11 53	22 59	23 7	22 51	15 50	6 22
S 25	10 47	19 22	2 46	5 41	0 48	20 37	1 11	18 26	1 7	23 25	0 1	14 20	1 10	7 3	0 35	19 26	1 39	9 45	11 53	22 59	23 7	22 52	15 49	6 23
M26	10 27	16 13	3 38	4 56	0 41	20 31	1 7	18 15	1 7	23 25	0 1	14 17	1 10	7 4	0 35	19 26	1 39	9 44	11 54	23 0	23 8	22 52	15 48	6 23
T 27	10 6	12 18	4 19	4 11	0 34	20 23	1 3	18 5	1 8	23 26	0 1	14 15	1 10	7 5	0 35	19 26	1 39	9 44	11 54	23 0	23 8	22 53	15 46	6 23
W28	9 45	7 45	4 49	3 26	0 27	20 15	1 0	17 54	1 8	23 26	0 1	14 13	1 11	7 6	0 35	19 26	1 39	9 44	11 54	23 1	23 8	22 54	15 45	6 24
T 29	9 23	2 46	5 4	2 41	0 20	20 6	0 56	17 43	1 8	23 26	0 1	14 10	1 11	7 8	0 35	19 26	1 39	9 44	11 54	23 2	23 8	22 54	15 44	6 24
F 30	9 2	2s25	5 3	1 57	0 12	19 57	0 52	17 32	1 9	23 26	0 1	14 8	1 11	7 9	0 35	19 26	1 39	9 44	11 55	23 3	23 8	22 55	15 43	6 25
S 31	8n40	7s33	4n45	1n12	0n 5	19n47	0s48	17n21	1n 9	23s26	0n 1	14n 5	1n11	7s10	0n35	19n26	1s39	9n43	11s55	23n 3	23n 9	22n56	15n42	6s25

Julian Day Number = 2411215.5, Delta T = -3.88 sec
Ecliptic obliquity = 23°27'11, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°11'54, Lahiri = 22°18'54

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ASTRODIENST EPHEMERIS for the year 1889
geocentric

SEPTEMBER 1889 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 41 23	8♍42'42	15♏13	28♍41	29♋ 9	15♌55	28♐30	25♌47	19♎44	4♊34	6♊56	10°R13	9♋ 0	3♋58	19♋26	S 1
M 2	22 45 20	9°40'50	29° 4	0♎12	0♌18	16°34	28°32	25°55	19°47	4°34	6°56	10♋11	8°57	4° 4	19°31	M 2
T 3	22 49 16	10°38'59	13♐ 4	1°41	1°28	17°12	28°33	26° 2	19°50	4°34	6°56	10°D11	8°54	4°11	19°36	T 3
W 4	22 53 13	11°37'10	27°12	3°10	2°37	17°50	28°35	26°10	19°54	4°34	6°56	10°11	8°50	4°18	19°41	W 4
T 5	22 57 9	12°35'22	11♑29	4°37	3°47	18°28	28°37	26°17	19°57	4°34	6°56	10°R12	8°47	4°24	19°46	T 5
F 6	23 1 6	13°33'36	25°51	6° 2	4°57	19° 6	28°39	26°25	20° 0	4°34	6°R56	10°11	8°44	4°31	19°51	F 6
S 7	23 5 3	14°31'51	10♒15	7°27	6° 7	19°44	28°42	26°32	20° 3	4°R34	6°56	10° 8	8°41	4°38	19°55	S 7
S 8	23 8 59	15°30'07	24°38	8°49	7°17	20°22	28°44	26°39	20° 6	4°34	6°56	10° 2	8°38	4°44	20° 0	S 8
M 9	23 12 56	16°28'26	8♓53	10°11	8°27	21° 0	28°47	26°47	20°10	4°34	6°56	9°53	8°35	4°51	20° 4	M 9
T 10	23 16 52	17°26'46	22°56	11°31	9°37	21°38	28°50	26°54	20°13	4°34	6°56	9°43	8°31	4°58	20° 9	T 10
W11	23 20 49	18°25'07	6♈41	12°50	10°48	22°16	28°53	27° 1	20°16	4°34	6°56	9°32	8°28	5° 4	20°13	W11
T 12	23 24 45	19°23'31	20° 5	14° 7	11°58	22°53	28°56	27° 9	20°20	4°34	6°56	9°21	8°25	5°11	20°18	T 12
F 13	23 28 42	20°21'57	3♉ 6	15°23	13° 9	23°31	28°59	27°16	20°23	4°34	6°55	9°12	8°22	5°17	20°22	F 13
S 14	23 32 38	21°20'25	15°46	16°37	14°20	24° 9	29° 3	27°23	20°27	4°34	6°55	9° 5	8°19	5°24	20°26	S 14
S 15	23 36 35	22°18'55	28° 7	17°49	15°31	24°47	29° 7	27°30	20°30	4°33	6°55	9° 0	8°16	5°31	20°30	S 15
M16	23 40 31	23°17'27	10♊11	19° 0	16°42	25°25	29°11	27°38	20°33	4°33	6°55	8°57	8°12	5°37	20°34	M16
T 17	23 44 28	24°16'02	22° 5	20° 9	17°53	26° 3	29°15	27°45	20°37	4°33	6°55	8°D56	8° 9	5°44	20°38	T 17
W18	23 48 25	25°14'38	3♋54	21°15	19° 4	26°40	29°19	27°52	20°40	4°32	6°54	8°R57	8° 6	5°51	20°42	W18
T 19	23 52 21	26°13'17	15°43	22°20	20°15	27°18	29°23	27°59	20°44	4°32	6°54	8°56	8° 3	5°57	20°46	T 19
F 20	23 56 18	27°11'58	27°37	23°22	21°27	27°56	29°28	28° 6	20°47	4°32	6°54	8°55	8° 0	6° 4	20°50	F 20
S 21	0 0 14	28°10'42	9♌41	24°22	22°38	28°33	29°33	28°13	20°51	4°31	6°54	8°52	7°56	6°11	20°54	S 21
S 22	0 4 11	29° 9'27	22° 0	25°19	23°50	29°11	29°38	28°20	20°55	4°31	6°53	8°46	7°53	6°17	20°57	S 22
M23	0 8 7	0♎ 8'15	4♍35	26°14	25° 1	29°49	29°43	28°27	20°58	4°30	6°53	8°37	7°50	6°24	21° 1	M23
T 24	0 12 4	1° 7'04	17°30	27° 5	26°13	0♍26	29°48	28°34	21° 2	4°30	6°53	8°26	7°47	6°31	21° 5	T 24
W25	0 16 0	2° 5'56	0♎42	27°54	27°25	1° 4	29°54	28°41	21° 5	4°29	6°52	8°13	7°44	6°37	21° 8	W25
T 26	0 19 57	3° 4'49	14°12	28°38	28°37	1°41	29°59	28°47	21° 9	4°29	6°52	8° 0	7°41	6°44	21°11	T 26
F 27	0 23 54	4° 3'45	27°56	29°19	29°49	2°19	0♑ 5	28°54	21°13	4°28	6°51	7°48	7°37	6°50	21°15	F 27
S 28	0 27 50	5° 2'43	11♏50	29°56	1♍ 1	2°57	0°11	29° 1	21°16	4°27	6°51	7°39	7°34	6°57	21°18	S 28
S 29	0 31 47	6° 1'42	25°51	0♏28	2°13	3°34	0°17	29° 8	21°20	4°27	6°50	7°32	7°31	7° 4	21°21	S 29
M30	0 35 43	7♎ 0'43	9♐55	0♏55	3♍26	4♍11	0♑23	29♌14	21♎24	4♊26	6♊50	7♋28	7♋28	7♋10	21♋24	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n18	12s25	4n11	0n29	0s 3	19n37	0s44	17n10	1n 9	23s26	0n 0	14n 3	1n11	7s11	0n35	19n26	1s39	9n43	11s55	23n 4	23n 9	22n56	15n41	6s26
M 2	7 57	16 41	3 22	0s15	0 11	19 26	0 40	16 59	1 9	23 26	0 0	14 0	1 11	7 12	0 35	19 26	1 39	9 43	11 55	23 4	23 9	22 57	15 40	6 26
T 3	7 35	20 4	2 20	0 58	0 19	19 15	0 37	16 48	1 10	23 27	0 0	13 58	1 11	7 13	0 35	19 26	1 39	9 43	11 55	23 4	23 9	22 58	15 38	6 27
W 4	7 13	22 17	1 9	1 40	0 27	19 3	0 33	16 36	1 10	23 27	0 0	13 55	1 11	7 15	0 35	19 26	1 39	9 43	11 56	23 4	23 10	22 58	15 37	6 27
T 5	6 50	23 4	0s 7	2 22	0 35	18 51	0 29	16 25	1 10	23 27	0s 0	13 53	1 11	7 16	0 35	19 26	1 39	9 42	11 56	23 4	23 10	22 59	15 36	6 28
F 6	6 28	22 20	1 23	3 4	0 43	18 38	0 25	16 13	1 11	23 27	0 0	13 50	1 11	7 17	0 35	19 26	1 40	9 42	11 56	23 4	23 10	23 0	15 35	6 28
S 7	6 6	20 8	2 33	3 45	0 52	18 24	0 22	16 2	1 11	23 27	0 0	13 48	1 12	7 18	0 35	19 26	1 40	9 42	11 56	23 4	23 10	23 0	15 34	6 29
S 8	5 43	16 40	3 34	4 25	1 0	18 10	0 18	15 50	1 11	23 27	0 0	13 46	1 12	7 20	0 35	19 26	1 40	9 42	11 57	23 4	23 10	23 1	15 33	6 29
M 9	5 20	12 15	4 20	5 5	1 8	17 56	0 14	15 38	1 11	23 27	0 1	13 43	1 12	7 21	0 35	19 26	1 40	9 42	11 57	23 5	23 11	23 2	15 32	6 30
T 10	4 58	7 15	4 50	5 44	1 17	17 41	0 11	15 26	1 12	23 28	0 1	13 41	1 12	7 22	0 35	19 26	1 40	9 41	11 57	23 6	23 11	23 2	15 30	6 30
W11	4 35	1 58	5 2	6 22	1 25	17 25	0 7	15 14	1 12	23 28	0 1	13 38	1 12	7 23	0 35	19 26	1 40	9 41	11 57	23 7	23 11	23 3	15 29	6 31
T 12	4 12	3n16	4 57	7 0	1 33	17 9	0 4	15 2	1 12	23 28	0 1	13 36	1 12	7 25	0 35	19 26	1 40	9 41	11 57	23 7	23 11	23 4	15 28	6 31
F 13	3 49	8 13	4 37	7 37	1 41	16 53	0 0	14 49	1 12	23 28	0 1	13 34	1 12	7 26	0 35	19 26	1 40	9 41	11 58	23 8	23 11	23 4	15 27	6 32
S 14	3 26	12 41	4 3	8 13	1 49	16 36	0n 3	14 37	1 13	23 28	0 1	13 31	1 12	7 27	0 35	19 26	1 40	9 40	11 58	23 9	23 12	23 5	15 26	6 32
S 15	3 3	16 31	3 19	8 48	1 57	16 18	0 7	14 25	1 13	23 28	0 1	13 29	1 13	7 29	0 35	19 25	1 40	9 40	11 58	23 9	23 12	23 5	15 25	6 33
M16	2 40	19 34	2 27	9 23	2 5	16 0	0 10	14 12	1 13	23 28	0 1	13 26	1 13	7 30	0 35	19 25	1 40	9 40	11 58	23 9	23 12	23 6	15 24	6 33
T 17	2 17	21 45	1 28	9 56	2 13	15 42	0 13	14 0	1 13	23 29	0 1	13 24	1 13	7 31	0 35	19 25	1 40	9 40	11 58	23 9	23 12	23 7	15 22	6 34
W18	1 53	22 57	0 27	10 28	2 21	15 23	0 17	13 47	1 14	23 29	0 2	13 22	1 13	7 33	0 35	19 25	1 40	9 39	11 59	23 9	23 12	23 7	15 21	6 35
T 19	1 30	23 7	0n36	11 0	2 28	15 3	0 20	13 34	1 14	23 29	0 2	13 19	1 13	7 34	0 35	19 25	1 40	9 39	11 59	23 9	23 13	23 8	15 20	6 35
F 20	1 7	22 15	1 37	11 30	2 36	14 44	0 23	13 21	1 14	23 29	0 2	13 17	1 13	7 35	0 35	19 25	1 40	9 39	11 59	23 9	23 13	23 8	15 19	6 36
S 21	0 43	20 20	2 35	11 58	2 43	14 23	0 26	13 9	1 14	23 29	0 2	13 15	1 13	7 37	0 35	19 25	1 40	9 39	11 59	23 9	23 13	23 9	15 18	6 36
S 22	0 20	17 27	3 27	12 26	2 50	14 3	0 29	12 56	1 14	23 29	0 2	13 12	1 13	7 38	0 35	19 25	1 40	9 38	11 59	23 10	23 13	23 10	15 17	6 37
M23	0s 3	13 42	4 10	12 52	2 56	13 42	0 32	12 43	1 15	23 29	0 2	13 10	1 14	7 39	0 35	19 25	1 40	9 38	12 0	23 10	23 13	23 10	15 16	6 38
T 24	0 27	9 15	4 41	13 17	3 2	13 20	0 35	12 30	1 15	23 29	0 2	13 8	1 14	7 41	0 34	19 24	1 40	9 38	12 0	23 11	23 13	23 11	15 14	6 38
W25	0 50	4 16	4 58	13 39	3 8	12 59	0 38	12 16	1 15	23 30	0 2	13 6	1 14	7 42	0 34	19 24	1 40	9 38	12 0	23 12	23 14	23 11	15 13	6 39
T 26	1 14	1s 1	4 59	14 1	3 14	12 36	0 41	12 3	1 15	23 30	0 2	13 3	1 14	7 43	0 34	19 24	1 41	9 37	12 0	23 13	23 14	23 12	15 12	6 39
F 27	1 37	6 21	4 42	14 20	3 19	12 14	0 44	11 50	1 16	23 30	0 3	13 1	1 14	7 45	0 34	19 24	1 41	9 37	12 0	23 13	23 14	23 12	15 11	6 40
S 28	2 0	11 26	4 9	14 37	3 23	11 51	0 47	11 37	1 16	23 30	0 3	12 59	1 14	7 46	0 34	19 24	1 41	9 37	12 1	23 14	23 14	23 13	15 10	6 41
S 29	2 24	15 59	3 21	14 52	3 27	11 28	0 49	11 23	1 16	23 30	0 3	12 57	1 14	7 48	0 34	19 24	1 41	9 37	12 1	23 14	23 14	23 13	15 9	6 41
M30	2s47	19s39	2n20	15s 4	3s30	11n 4	0n52	11n10	1n16	23s30	0s 3	12n55	1n15	7s49	0n34	19n23	1s41	9n36	12s 1	23n15	23n15	23n14	15n 8	6s42

Julian Day Number = 2411246.5, Delta T = -3.88 sec
Ecliptic obliquity = 23°27'12, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°11'58, Lahiri = 22°18'59

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ASTRODIENST EPHEMERIS for the year 1889
geocentric

OCTOBER 1889 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 39 40	7♎59'47	24♐ 2	1♏16	4♍38	4♍49	0♑30	29♌21	21♎27	4°R25	6°R49	7°R27	7♋25	7♋17	21♋27	T 1
W 2	0 43 36	8°58'51	8♑ 8	1°32	5°50	5°26	0°36	29°27	21°31	4♊24	6♊49	7♋26	7°21	7°24	21°30	W 2
T 3	0 47 33	9°57'58	22°14	1°42	7° 3	6° 4	0°43	29°34	21°35	4°24	6°48	7°26	7°18	7°30	21°33	T 3
F 4	0 51 29	10°57'06	6♒18	1°R45	8°16	6°41	0°50	29°40	21°38	4°23	6°48	7°25	7°15	7°37	21°36	F 4
S 5	0 55 26	11°56'16	20°19	1°41	9°28	7°18	0°57	29°47	21°42	4°22	6°47	7°21	7°12	7°44	21°38	S 5
S 6	0 59 23	12°55'28	4♓16	1°30	10°41	7°56	1° 4	29°53	21°46	4°21	6°47	7°14	7° 9	7°50	21°41	S 6
M 7	1 3 19	13°54'42	18° 5	1°10	11°54	8°33	1°11	29°59	21°50	4°20	6°46	7° 4	7° 6	7°57	21°43	M 7
T 8	1 7 16	14°53'57	1♈44	0°43	13° 7	9°10	1°19	0♍ 5	21°53	4°19	6°45	6°53	7° 2	8° 4	21°46	T 8
W 9	1 11 12	15°53'14	15° 9	0° 7	14°20	9°48	1°26	0°11	21°57	4°18	6°45	6°40	6°59	8°10	21°48	W 9
T 10	1 15 9	16°52'34	28°18	29♎23	15°33	10°25	1°34	0°17	22° 1	4°17	6°44	6°28	6°56	8°17	21°50	T 10
F 11	1 19 5	17°51'56	11♉ 9	28°31	16°46	11° 2	1°42	0°23	22° 5	4°16	6°43	6°16	6°53	8°23	21°52	F 11
S 12	1 23 2	18°51'19	23°43	27°33	17°59	11°39	1°50	0°29	22° 8	4°15	6°43	6° 7	6°50	8°30	21°54	S 12
S 13	1 26 58	19°50'45	5♊59	26°28	19°12	12°16	1°58	0°35	22°12	4°14	6°42	6° 1	6°47	8°37	21°56	S 13
M14	1 30 55	20°50'14	18° 2	25°19	20°26	12°53	2° 6	0°41	22°16	4°13	6°41	5°58	6°43	8°43	21°58	M14
T 15	1 34 52	21°49'44	29°56	24° 6	21°39	13°31	2°15	0°47	22°20	4°12	6°40	5°56	6°40	8°50	22° 0	T 15
W16	1 38 48	22°49'17	11♋44	22°52	22°52	14° 8	2°23	0°53	22°24	4°10	6°40	5°D56	6°37	8°57	22° 2	W16
T 17	1 42 45	23°48'52	23°32	21°40	24° 6	14°45	2°32	0°58	22°27	4° 9	6°39	5°R56	6°34	9° 3	22° 3	T 17
F 18	1 46 41	24°48'30	5♌26	20°30	25°20	15°22	2°41	1° 4	22°31	4° 8	6°38	5°56	6°31	9°10	22° 5	F 18
S 19	1 50 38	25°48'10	17°31	19°25	26°33	15°59	2°50	1° 9	22°35	4° 7	6°37	5°54	6°27	9°17	22° 6	S 19
S 20	1 54 34	26°47'51	29°53	18°28	27°47	16°36	2°59	1°15	22°39	4° 6	6°36	5°49	6°24	9°23	22° 7	S 20
M21	1 58 31	27°47'36	12♍34	17°39	29° 1	17°13	3° 8	1°20	22°43	4° 4	6°36	5°42	6°21	9°30	22° 9	M21
T 22	2 2 27	28°47'22	25°38	17° 0	0♎15	17°50	3°17	1°25	22°46	4° 3	6°35	5°33	6°18	9°37	22°10	T 22
W23	2 6 24	29°47'10	9♎ 6	16°32	1°28	18°27	3°27	1°31	22°50	4° 2	6°34	5°22	6°15	9°43	22°11	W23
T 24	2 10 20	0♏47'01	22°55	16°15	2°42	19° 3	3°36	1°36	22°54	4° 0	6°33	5°11	6°12	9°50	22°12	T 24
F 25	2 14 17	1°46'53	7♏ 3	16°D10	3°56	19°40	3°46	1°41	22°58	3°59	6°32	5° 0	6° 8	9°56	22°13	F 25
S 26	2 18 14	2°46'48	21°23	16°16	5°10	20°17	3°55	1°46	23° 1	3°58	6°31	4°52	6° 5	10° 3	22°13	S 26
S 27	2 22 10	3°46'44	5♐51	16°32	6°25	20°54	4° 5	1°51	23° 5	3°56	6°30	4°46	6° 2	10°10	22°14	S 27
M28	2 26 7	4°46'42	20°19	16°59	7°39	21°31	4°15	1°55	23° 9	3°55	6°29	4°43	5°59	10°16	22°15	M28
T 29	2 30 3	5°46'42	4♑44	17°35	8°53	22° 7	4°25	2° 0	23°13	3°53	6°28	4°D42	5°56	10°23	22°15	T 29
W30	2 34 0	6°46'44	19° 2	18°20	10° 7	22°44	4°36	2° 5	23°16	3°52	6°27	4°43	5°53	10°30	22°16	W30
T 31	2 37 56	7♏46'47	3♒10	19♎12	11♎21	23♍21	4♑46	2♍ 9	23♎20	3♊50	6♊26	4°R44	5♋49	10♋36	22♋16	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s10	22s 9	1n10	15s14	3s32	10n40	0n55	10n56	1n16	23s30	0s 3	12n52	1n15	7s50	0n34	19n23	1s41	9n36	12s 1	23n15	23n15	23n14	15n 7	6s43
W 2	3 34	23 16	0s 4	15 21	3 34	10 16	0 57	10 43	1 17	23 30	0 3	12 50	1 15	7 52	0 34	19 23	1 41	9 36	12 1	23 15	23 15	23 15	15 6	6 43
T 3	3 57	22 53	1 17	15 25	3 34	9 51	1 0	10 29	1 17	23 30	0 3	12 48	1 15	7 53	0 34	19 23	1 41	9 36	12 2	23 15	23 15	23 16	15 5	6 44
F 4	4 20	21 4	2 26	15 26	3 34	9 26	1 2	10 15	1 17	23 30	0 3	12 46	1 15	7 55	0 34	19 23	1 41	9 35	12 2	23 15	23 15	23 16	15 4	6 44
S 5	4 43	17 58	3 26	15 23	3 32	9 1	1 4	10 2	1 17	23 30	0 3	12 44	1 15	7 56	0 34	19 22	1 41	9 35	12 2	23 15	23 15	23 17	15 3	6 45
S 6	5 6	13 52	4 13	15 16	3 29	8 35	1 7	9 48	1 18	23 30	0 3	12 42	1 15	7 57	0 34	19 22	1 41	9 35	12 2	23 15	23 16	23 17	15 2	6 46
M 7	5 29	9 4	4 44	15 4	3 24	8 10	1 9	9 34	1 18	23 30	0 4	12 40	1 16	7 59	0 34	19 22	1 41	9 35	12 2	23 16	23 16	23 18	15 1	6 46
T 8	5 52	3 53	4 59	14 49	3 18	7 44	1 11	9 20	1 18	23 31	0 4	12 38	1 16	8 0	0 34	19 22	1 41	9 34	12 2	23 16	23 16	23 18	14 59	6 47
W 9	6 15	1n24	4 57	14 29	3 10	7 18	1 13	9 6	1 18	23 31	0 4	12 36	1 16	8 2	0 34	19 22	1 41	9 34	12 3	23 17	23 16	23 18	14 58	6 48
T 10	6 38	6 31	4 39	14 4	3 0	6 51	1 15	8 53	1 18	23 31	0 4	12 34	1 16	8 3	0 34	19 21	1 41	9 34	12 3	23 18	23 16	23 19	14 57	6 48
F 11	7 1	11 16	4 7	13 35	2 49	6 24	1 17	8 39	1 19	23 31	0 4	12 32	1 16	8 4	0 34	19 21	1 41	9 33	12 3	23 18	23 16	23 19	14 56	6 49
S 12	7 23	15 25	3 24	13 2	2 36	5 57	1 18	8 25	1 19	23 31	0 4	12 30	1 16	8 6	0 34	19 21	1 41	9 33	12 3	23 19	23 17	23 20	14 55	6 50
S 13	7 46	18 50	2 32	12 24	2 20	5 30	1 20	8 11	1 19	23 31	0 4	12 28	1 17	8 7	0 34	19 21	1 41	9 33	12 3	23 19	23 17	23 20	14 55	6 50
M14	8 8	21 22	1 34	11 43	2 4	5 3	1 22	7 56	1 19	23 30	0 4	12 26	1 17	8 9	0 34	19 20	1 41	9 33	12 3	23 19	23 17	23 21	14 54	6 51
T 15	8 31	22 55	0 32	10 59	1 45	4 35	1 23	7 42	1 19	23 30	0 4	12 24	1 17	8 10	0 34	19 20	1 41	9 32	12 4	23 19	23 17	23 21	14 53	6 52
W16	8 53	23 27	0n31	10 14	1 26	4 8	1 25	7 28	1 19	23 30	0 4	12 22	1 17	8 11	0 34	19 20	1 41	9 32	12 4	23 19	23 17	23 22	14 52	6 53
T 17	9 15	22 55	1 32	9 28	1 6	3 40	1 26	7 14	1 20	23 30	0 5	12 20	1 17	8 13	0 34	19 20	1 41	9 32	12 4	23 19	23 17	23 22	14 51	6 53
F 18	9 37	21 21	2 30	8 42	0 45	3 12	1 28	7 0	1 20	23 30	0 5	12 19	1 18	8 14	0 34	19 19	1 41	9 32	12 4	23 19	23 18	23 22	14 50	6 54
S 19	9 59	18 48	3 22	7 59	0 24	2 44	1 29	6 46	1 20	23 30	0 5	12 17	1 18	8 16	0 34	19 19	1 41	9 31	12 4	23 19	23 18	23 23	14 49	6 55
S 20	10 20	15 22	4 6	7 18	0 4	2 16	1 30	6 31	1 20	23 30	0 5	12 15	1 18	8 17	0 34	19 19	1 41	9 31	12 4	23 20	23 18	23 23	14 48	6 55
M21	10 42	11 9	4 39	6 42	0n15	1 47	1 31	6 17	1 20	23 30	0 5	12 13	1 18	8 19	0 34	19 19	1 42	9 31	12 4	23 20	23 18	23 24	14 47	6 56
T 22	11 3	6 18	4 59	6 10	0 34	1 19	1 32	6 3	1 21	23 30	0 5	12 12	1 18	8 20	0 34	19 18	1 42	9 31	12 5	23 20	23 18	23 24	14 46	6 57
W23	11 24	1 2	5 3	5 43	0 51	0 50	1 33	5 49	1 21	23 30	0 5	12 10	1 18	8 21	0 34	19 18	1 42	9 30	12 5	23 21	23 18	23 25	14 45	6 57
T 24	11 45	4s26	4 49	5 23	1 6	0 22	1 34	5 34	1 21	23 29	0 5	12 8	1 19	8 23	0 34	19 18	1 42	9 30	12 5	23 21	23 19	23 25	14 45	6 58
F 25	12 6	9 49	4 18	5 8	1 20	0s 7	1 35	5 20	1 21	23 29	0 5	12 7	1 19	8 24	0 34	19 18	1 42	9 30	12 5	23 22	23 19	23 25	14 44	6 59
S 26	12 27	14 45	3 30	4 59	1 32	0 36	1 36	5 6	1 21	23 29	0 5	12 5	1 19	8 25	0 34	19 17	1 42	9 30	12 5	23 22	23 19	23 26	14 43	7 0
S 27	12 47	18 52	2 28	4 56	1 42	1 4	1 36	4 51	1 21	23 29	0 6	12 3	1 19	8 27	0 34	19 17	1 42	9 29	12 5	23 22	23 19	23 26	14 42	7 0
M28	13 7	21 50	1 16	4 58	1 51	1 33	1 37	4 37	1 21	23 29	0 6	12 2	1 19	8 28	0 34	19 17	1 42	9 29	12 5	23 22	23 19	23 26	14 41	7 1
T 29	13 27	23 22	0s 0	5 5	1 58	2 2	1 37	4 23	1 22	23 28	0 6	12 0	1 20	8 30	0 34	19 16	1 42	9 29	12 5	23 22	23 19	23 27	14 41	7 2
W30	13 47	23 21	1 16	5 17	2 3	2 31	1 38	4 8	1 22	23 28	0 6	11 59	1 20	8 31	0 34	19 16	1 42	9 29	12 5	23 22	23 19	23 27	14 40	7 2
T 31	14s 7	21s50	2s26	5s33	2n 7	2s59	1n38	3n54	1n22	23s28	0s 6	11n57	1n20	8s32	0n34	19n16	1s42	9n28	12s 5	23n22	23n20	23n27	14n39	7s 3

Julian Day Number = 2411276.5, Delta T = -3.88 sec
Ecliptic obliquity = 23°27'12, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°12'02, Lahiri = 22°19'03

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ASTRODIENST EPHEMERIS for the year 1889
geocentric

NOVEMBER 1889 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 41 53	8♏46'52	17♒ 8	20♎11	12♎36	23♍57	4♑56	2♍14	23♎24	3°R49	6°R25	4°R43	5♋46	10♋43	22♋16	F 1
S 2	2 45 50	9°46'58	0♓55	21°16	13°50	24°34	5° 7	2°18	23°27	3♊47	6♊25	4♋41	5°43	10°50	22°R16	S 2
S 3	2 49 46	10°47'05	14°32	22°26	15° 4	25°11	5°18	2°23	23°31	3°46	6°23	4°37	5°40	10°56	22°16	S 3
M 4	2 53 43	11°47'15	27°57	23°40	16°19	25°47	5°28	2°27	23°35	3°44	6°22	4°30	5°37	11° 3	22°16	M 4
T 5	2 57 39	12°47'25	11♈11	24°58	17°33	26°24	5°39	2°31	23°38	3°43	6°21	4°22	5°33	11°10	22°16	T 5
W 6	3 1 36	13°47'38	24°13	26°20	18°48	27° 0	5°50	2°35	23°42	3°41	6°20	4°12	5°30	11°16	22°16	W 6
T 7	3 5 32	14°47'52	7♉ 1	27°44	20° 2	27°37	6° 1	2°39	23°45	3°40	6°19	4° 3	5°27	11°23	22°15	T 7
F 8	3 9 29	15°48'08	19°36	29°10	21°17	28°13	6°12	2°43	23°49	3°38	6°18	3°55	5°24	11°30	22°15	F 8
S 9	3 13 25	16°48'25	1♊57	0♏39	22°32	28°49	6°23	2°47	23°53	3°36	6°17	3°48	5°21	11°36	22°14	S 9
S 10	3 17 22	17°48'45	14° 6	2° 8	23°46	29°26	6°35	2°50	23°56	3°35	6°16	3°44	5°18	11°43	22°13	S 10
M11	3 21 18	18°49'06	26° 4	3°40	25° 1	0♎ 2	6°46	2°54	24° 0	3°33	6°15	3°42	5°14	11°49	22°13	M11
T 12	3 25 15	19°49'29	7♋55	5°12	26°16	0°39	6°57	2°57	24° 3	3°31	6°14	3°D42	5°11	11°56	22°12	T 12
W13	3 29 12	20°49'54	19°42	6°45	27°30	1°15	7° 9	3° 1	24° 7	3°30	6°13	3°43	5° 8	12° 3	22°11	W13
T 14	3 33 8	21°50'21	1♌30	8°18	28°45	1°51	7°21	3° 4	24°10	3°28	6°12	3°44	5° 5	12° 9	22°10	T 14
F 15	3 37 5	22°50'50	13°23	9°52	0♏ 0	2°27	7°32	3° 7	24°14	3°27	6°11	3°46	5° 2	12°16	22° 9	F 15
S 16	3 41 1	23°51'20	25°26	11°27	1°15	3° 3	7°44	3°10	24°17	3°25	6°10	3°R46	4°58	12°23	22° 8	S 16
S 17	3 44 58	24°51'52	7♍45	13° 1	2°30	3°40	7°56	3°13	24°20	3°23	6° 9	3°45	4°55	12°29	22° 6	S 17
M18	3 48 54	25°52'26	20°25	14°36	3°45	4°16	8° 8	3°16	24°24	3°22	6° 7	3°43	4°52	12°36	22° 5	M18
T 19	3 52 51	26°53'02	3♎29	16°11	5° 0	4°52	8°20	3°19	24°27	3°20	6° 6	3°38	4°49	12°43	22° 3	T 19
W20	3 56 47	27°53'40	16°59	17°46	6°15	5°28	8°32	3°22	24°30	3°18	6° 5	3°33	4°46	12°49	22° 2	W20
T 21	4 0 44	28°54'19	0♏56	19°21	7°30	6° 4	8°44	3°25	24°34	3°16	6° 4	3°27	4°43	12°56	22° 0	T 21
F 22	4 4 41	29°55'00	15°17	20°56	8°45	6°40	8°57	3°27	24°37	3°15	6° 3	3°22	4°39	13° 3	21°58	F 22
S 23	4 8 37	0♐55'42	29°56	22°31	10° 0	7°16	9° 9	3°29	24°40	3°13	6° 2	3°18	4°36	13° 9	21°56	S 23
S 24	4 12 34	1°56'26	14♐47	24° 6	11°15	7°52	9°21	3°32	24°44	3°11	6° 1	3°15	4°33	13°16	21°54	S 24
M25	4 16 30	2°57'11	29°42	25°41	12°30	8°28	9°34	3°34	24°47	3°10	6° 0	3°D14	4°30	13°22	21°52	M25
T 26	4 20 27	3°57'57	14♑32	27°16	13°45	9° 3	9°46	3°36	24°50	3° 8	5°58	3°14	4°27	13°29	21°50	T 26
W27	4 24 23	4°58'44	29°11	28°51	15° 0	9°39	9°59	3°38	24°53	3° 6	5°57	3°15	4°24	13°36	21°48	W27
T 28	4 28 20	5°59'33	13♒35	0♐25	16°15	10°15	10°12	3°40	24°56	3° 5	5°56	3°17	4°20	13°42	21°46	T 28
F 29	4 32 17	7° 0'22	27°41	2° 0	17°30	10°50	10°24	3°42	24°59	3° 3	5°55	3°18	4°17	13°49	21°43	F 29
S 30	4 36 13	8♐ 1'12	11♓27	3♐34	18♏46	11♎26	10♑37	3♍43	25♎ 2	3♊ 1	5♊54	3°R18	4♋14	13♋56	21♋41	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s26	19s 0	3s27	5s53	2n10	3s28	1n39	3n39	1n22	23s28	0s 6	11n56	1n20	8s34	0n34	19n16	1s42	9n28	12s 6	23n22	23n20	23n28	14n38	7s 4
S 2	14 45	15 8	4 15	6 16	2 12	3 57	1 39	3 25	1 22	23 27	0 6	11 55	1 20	8 35	0 34	19 15	1 42	9 28	12 6	23 22	23 20	23 28	14 38	7 4
S 3	15 4	10 31	4 48	6 41	2 12	4 25	1 39	3 11	1 22	23 27	0 6	11 53	1 21	8 36	0 34	19 15	1 42	9 28	12 6	23 22	23 20	23 29	14 37	7 5
M 4	15 23	5 28	5 4	7 9	2 12	4 54	1 39	2 56	1 23	23 27	0 6	11 52	1 21	8 38	0 34	19 15	1 42	9 27	12 6	23 23	23 20	23 29	14 36	7 6
T 5	15 41	0 14	5 4	7 39	2 10	5 22	1 39	2 42	1 23	23 26	0 6	11 51	1 21	8 39	0 34	19 14	1 42	9 27	12 6	23 23	23 20	23 29	14 36	7 7
W 6	15 59	4n55	4 48	8 11	2 8	5 51	1 39	2 28	1 23	23 26	0 6	11 49	1 21	8 40	0 34	19 14	1 42	9 27	12 6	23 23	23 20	23 29	14 35	7 7
T 7	16 17	9 48	4 18	8 43	2 5	6 19	1 38	2 13	1 23	23 25	0 7	11 48	1 21	8 42	0 34	19 14	1 42	9 27	12 6	23 23	23 20	23 30	14 34	7 8
F 8	16 35	14 11	3 35	9 17	2 2	6 47	1 38	1 59	1 23	23 25	0 7	11 47	1 22	8 43	0 34	19 13	1 42	9 26	12 6	23 24	23 21	23 30	14 34	7 9
S 9	16 52	17 54	2 43	9 52	1 58	7 15	1 38	1 44	1 23	23 25	0 7	11 46	1 22	8 44	0 34	19 13	1 42	9 26	12 6	23 24	23 21	23 30	14 33	7 9
S 10	17 9	20 47	1 44	10 27	1 53	7 43	1 37	1 30	1 23	23 24	0 7	11 45	1 22	8 46	0 34	19 13	1 42	9 26	12 6	23 24	23 21	23 31	14 33	7 10
M11	17 26	22 42	0 41	11 3	1 48	8 11	1 37	1 16	1 23	23 24	0 7	11 44	1 22	8 47	0 34	19 12	1 42	9 26	12 6	23 24	23 21	23 31	14 32	7 11
T 12	17 42	23 36	0n23	11 39	1 43	8 39	1 36	1 1	1 24	23 23	0 7	11 43	1 23	8 48	0 34	19 12	1 42	9 26	12 6	23 24	23 21	23 31	14 32	7 11
W13	17 58	23 25	1 26	12 15	1 37	9 6	1 36	0 47	1 24	23 23	0 7	11 41	1 23	8 50	0 34	19 12	1 42	9 25	12 6	23 24	23 21	23 32	14 31	7 12
T 14	18 14	22 12	2 25	12 50	1 31	9 33	1 35	0 33	1 24	23 22	0 7	11 41	1 23	8 51	0 34	19 11	1 42	9 25	12 6	23 24	23 21	23 32	14 31	7 13
F 15	18 30	20 0	3 19	13 26	1 25	10 0	1 34	0 18	1 24	23 22	0 7	11 40	1 23	8 52	0 34	19 11	1 42	9 25	12 6	23 24	23 21	23 32	14 30	7 13
S 16	18 45	16 53	4 5	14 1	1 19	10 27	1 33	0 4	1 24	23 21	0 7	11 39	1 23	8 53	0 34	19 11	1 42	9 25	12 6	23 24	23 22	23 32	14 30	7 14
S 17	19 0	13 0	4 40	14 36	1 13	10 54	1 33	0s10	1 24	23 20	0 7	11 38	1 24	8 55	0 34	19 11	1 42	9 25	12 6	23 24	23 22	23 33	14 29	7 15
M18	19 14	8 27	5 3	15 11	1 6	11 20	1 32	0 24	1 24	23 20	0 7	11 37	1 24	8 56	0 34	19 10	1 42	9 24	12 6	23 24	23 22	23 33	14 29	7 15
T 19	19 28	3 23	5 12	15 45	0 59	11 46	1 31	0 39	1 24	23 19	0 8	11 36	1 24	8 57	0 34	19 10	1 42	9 24	12 6	23 24	23 22	23 33	14 28	7 16
W20	19 42	2s 0	5 3	16 18	0 52	12 12	1 29	0 53	1 25	23 18	0 8	11 35	1 24	8 58	0 34	19 10	1 42	9 24	12 6	23 24	23 22	23 33	14 28	7 17
T 21	19 56	7 29	4 37	16 51	0 46	12 38	1 28	1 7	1 25	23 18	0 8	11 35	1 25	8 59	0 34	19 9	1 42	9 24	12 6	23 24	23 22	23 34	14 28	7 17
F 22	20 9	12 43	3 53	17 23	0 39	13 3	1 27	1 21	1 25	23 17	0 8	11 34	1 25	9 1	0 34	19 9	1 42	9 24	12 6	23 25	23 22	23 34	14 27	7 18
S 23	20 21	17 21	2 52	17 54	0 32	13 28	1 26	1 35	1 25	23 16	0 8	11 33	1 25	9 2	0 34	19 9	1 42	9 24	12 6	23 25	23 22	23 34	14 27	7 18
S 24	20 34	20 56	1 39	18 25	0 25	13 52	1 24	1 49	1 25	23 15	0 8	11 33	1 25	9 3	0 34	19 8	1 42	9 23	12 6	23 25	23 22	23 34	14 27	7 19
M25	20 46	23 8	0 19	18 54	0 18	14 17	1 23	2 3	1 25	23 15	0 8	11 32	1 26	9 4	0 34	19 8	1 42	9 23	12 6	23 25	23 23	23 34	14 26	7 20
T 26	20 57	23 41	1s 2	19 23	0 11	14 41	1 22	2 17	1 25	23 14	0 8	11 31	1 26	9 5	0 34	19 8	1 42	9 23	12 6	23 25	23 23	23 35	14 26	7 20
W27	21 8	22 35	2 18	19 51	0 4	15 4	1 20	2 31	1 25	23 13	0 8	11 31	1 26	9 6	0 34	19 7	1 42	9 23	12 6	23 25	23 23	23 35	14 26	7 21
T 28	21 19	20 1	3 24	20 18	0s 3	15 27	1 19	2 45	1 25	23 12	0 8	11 31	1 26	9 8	0 34	19 7	1 42	9 23	12 6	23 25	23 23	23 35	14 25	7 21
F 29	21 30	16 17	4 16	20 44	0 10	15 50	1 17	2 59	1 25	23 11	0 8	11 30	1 26	9 9	0 34	19 7	1 42	9 23	12 6	23 25	23 23	23 35	14 25	7 22
S 30	21s40	11s46	4s52	21s 9	0s16	16s12	1n15	3s13	1n25	23s10	0s 9	11n30	1n27	9s10	0n34	19n 6	1s42	9n22	12s 6	23n25	23n23	23n35	14n25	7s23

Julian Day Number = 2411307.5, Delta T = -3.89 sec
Ecliptic obliquity = 23°27'12, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°12'06, Lahiri = 22°19'07

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1889
geocentric

DECEMBER 1889 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 40 10	9♐ 2'02	24♓56	5♐ 9	20♏ 1	12♎ 2	10♑50	3♍45	25♎ 5	2°R59	5°R53	3°R17	4♋11	14♋ 2	21°R38	S 1
M 2	4 44 6	10° 2'54	8♈ 7	6°43	21°16	12°37	11° 3	3°46	25° 8	2♊58	5♊52	3♋15	4° 8	14° 9	21♋36	M 2
T 3	4 48 3	11° 3'47	21° 2	8°17	22°31	13°13	11°16	3°48	25°11	2°56	5°50	3°12	4° 4	14°16	21°33	T 3
W 4	4 51 59	12° 4'40	3♉43	9°51	23°46	13°48	11°29	3°49	25°14	2°54	5°49	3° 9	4° 1	14°22	21°30	W 4
T 5	4 55 56	13° 5'34	16°11	11°26	25° 2	14°24	11°42	3°50	25°17	2°53	5°48	3° 5	3°58	14°29	21°28	T 5
F 6	4 59 52	14° 6'29	28°28	13° 0	26°17	14°59	11°55	3°51	25°20	2°51	5°47	3° 2	3°55	14°36	21°25	F 6
S 7	5 3 49	15° 7'25	10♊36	14°34	27°32	15°34	12° 8	3°52	25°22	2°49	5°46	3° 0	3°52	14°42	21°22	S 7
S 8	5 7 46	16° 8'22	22°35	16° 8	28°47	16°10	12°22	3°53	25°25	2°48	5°45	2°59	3°49	14°49	21°19	S 8
M 9	5 11 42	17° 9'20	4♋28	17°43	0♐ 3	16°45	12°35	3°53	25°28	2°46	5°44	2°D58	3°45	14°56	21°16	M 9
T 10	5 15 39	18°10'19	16°17	19°17	1°18	17°20	12°48	3°54	25°31	2°45	5°43	2°59	3°42	15° 2	21°12	T 10
W11	5 19 35	19°11'19	28° 4	20°51	2°33	17°55	13° 1	3°54	25°33	2°43	5°41	3° 0	3°39	15° 9	21° 9	W11
T 12	5 23 32	20°12'20	9♌52	22°26	3°49	18°30	13°15	3°55	25°36	2°41	5°40	3° 1	3°36	15°16	21° 6	T 12
F 13	5 27 28	21°13'22	21°46	24° 0	5° 4	19° 5	13°28	3°55	25°38	2°40	5°39	3° 3	3°33	15°22	21° 2	F 13
S 14	5 31 25	22°14'24	3♍49	25°35	6°19	19°40	13°42	3°R55	25°41	2°38	5°38	3° 4	3°30	15°29	20°59	S 14
S 15	5 35 21	23°15'28	16° 5	27°10	7°35	20°15	13°55	3°55	25°43	2°37	5°37	3° 4	3°26	15°35	20°55	S 15
M16	5 39 18	24°16'32	28°40	28°45	8°50	20°50	14° 9	3°55	25°46	2°35	5°36	3°R 4	3°23	15°42	20°52	M16
T 17	5 43 15	25°17'38	11♎37	0♑20	10° 5	21°25	14°22	3°54	25°48	2°33	5°35	3° 4	3°20	15°49	20°48	T 17
W18	5 47 11	26°18'44	25° 0	1°56	11°21	22° 0	14°36	3°54	25°50	2°32	5°34	3° 3	3°17	15°55	20°45	W18
T 19	5 51 8	27°19'51	8♏50	3°31	12°36	22°34	14°50	3°54	25°53	2°30	5°33	3° 2	3°14	16° 2	20°41	T 19
F 20	5 55 4	28°20'59	23° 7	5° 7	13°52	23° 9	15° 3	3°53	25°55	2°29	5°32	3° 2	3°10	16° 9	20°37	F 20
S 21	5 59 1	29°22'07	7♐49	6°42	15° 7	23°43	15°17	3°52	25°57	2°27	5°31	3° 1	3° 7	16°15	20°33	S 21
S 22	6 2 57	0♑23'17	22°49	8°18	16°22	24°18	15°31	3°52	25°59	2°26	5°30	3° 1	3° 4	16°22	20°29	S 22
M23	6 6 54	1°24'26	7♑59	9°54	17°38	24°52	15°45	3°51	26° 1	2°25	5°29	3°D 1	3° 1	16°29	20°26	M23
T 24	6 10 50	2°25'36	23° 9	11°31	18°53	25°27	15°59	3°50	26° 3	2°23	5°28	3° 1	2°58	16°35	20°22	T 24
W25	6 14 47	3°26'47	8♒11	13° 7	20° 9	26° 1	16°12	3°49	26° 5	2°22	5°27	3°R 1	2°55	16°42	20°18	W25
T 26	6 18 44	4°27'57	22°57	14°43	21°24	26°35	16°26	3°47	26° 7	2°20	5°26	3° 1	2°51	16°49	20°14	T 26
F 27	6 22 40	5°29'07	7♓20	16°20	22°40	27°10	16°40	3°46	26° 9	2°19	5°25	3° 1	2°48	16°55	20° 9	F 27
S 28	6 26 37	6°30'17	21°17	17°56	23°55	27°44	16°54	3°45	26°11	2°18	5°24	3° 1	2°45	17° 2	20° 5	S 28
S 29	6 30 33	7°31'27	4♈50	19°32	25°10	28°18	17° 8	3°43	26°13	2°16	5°23	3°D 1	2°42	17° 9	20° 1	S 29
M30	6 34 30	8°32'37	17°58	21° 9	26°26	28°52	17°22	3°41	26°15	2°15	5°22	3° 1	2°39	17°15	19°57	M30
T 31	6 38 26	9♑33'46	0♉45	22♑44	27♐41	29♎26	17♑36	3♍40	26♎16	2♊14	5♊21	3♋ 1	2♋36	17♋22	19♋53	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s49	6s47	5s12	21s33	0s23	16s34	1n14	3s27	1n26	23s 9	0s 9	11n29	1n27	9s11	0n34	19n 6	1s42	9n22	12s 6	23n25	23n23	23n35	14n25	7s23
M 2	21 58	1 35	5 14	21 56	0 29	16 56	1 12	3 41	1 26	23 8	0 9	11 29	1 27	9 12	0 35	19 6	1 42	9 22	12 6	23 25	23 23	23 36	14 25	7 24
T 3	22 7	3n34	5 0	22 17	0 36	17 17	1 10	3 54	1 26	23 7	0 9	11 29	1 27	9 13	0 35	19 5	1 42	9 22	12 6	23 25	23 23	23 36	14 25	7 24
W 4	22 15	8 30	4 31	22 38	0 42	17 38	1 8	4 8	1 26	23 6	0 9	11 29	1 28	9 14	0 35	19 5	1 42	9 22	12 6	23 25	23 24	23 36	14 25	7 25
T 5	22 23	13 0	3 51	22 58	0 48	17 58	1 6	4 22	1 26	23 5	0 9	11 28	1 28	9 15	0 35	19 5	1 42	9 22	12 6	23 25	23 24	23 36	14 24	7 25
F 6	22 30	16 55	2 59	23 16	0 54	18 17	1 4	4 35	1 26	23 4	0 9	11 28	1 28	9 16	0 35	19 5	1 42	9 22	12 6	23 25	23 24	23 36	14 24	7 26
S 7	22 37	20 3	2 1	23 33	1 0	18 37	1 2	4 49	1 26	23 3	0 9	11 28	1 28	9 17	0 35	19 4	1 42	9 22	12 6	23 25	23 24	23 36	14 24	7 26
S 8	22 44	22 18	0 57	23 50	1 6	18 55	1 0	5 2	1 26	23 2	0 9	11 28	1 29	9 18	0 35	19 4	1 42	9 21	12 6	23 25	23 24	23 36	14 24	7 27
M 9	22 50	23 31	0n 8	24 4	1 12	19 13	0 58	5 16	1 26	23 1	0 9	11 28	1 29	9 19	0 35	19 4	1 42	9 21	12 6	23 25	23 24	23 37	14 24	7 27
T 10	22 56	23 40	1 13	24 18	1 17	19 31	0 56	5 29	1 26	23 0	0 9	11 28	1 29	9 20	0 35	19 3	1 42	9 21	12 6	23 25	23 24	23 37	14 24	7 28
W11	23 1	22 46	2 15	24 30	1 22	19 48	0 54	5 42	1 26	22 58	0 9	11 28	1 29	9 21	0 35	19 3	1 42	9 21	12 5	23 25	23 24	23 37	14 24	7 28
T 12	23 5	20 51	3 11	24 41	1 27	20 5	0 52	5 56	1 26	22 57	0 10	11 28	1 30	9 22	0 35	19 3	1 42	9 21	12 5	23 25	23 24	23 37	14 24	7 29
F 13	23 10	18 2	3 59	24 51	1 32	20 21	0 50	6 9	1 26	22 56	0 10	11 28	1 30	9 23	0 35	19 2	1 42	9 21	12 5	23 25	23 24	23 37	14 24	7 29
S 14	23 14	14 25	4 37	24 59	1 37	20 36	0 47	6 22	1 26	22 55	0 10	11 29	1 30	9 24	0 35	19 2	1 42	9 21	12 5	23 25	23 24	23 37	14 24	7 30
S 15	23 17	10 9	5 4	25 6	1 41	20 51	0 45	6 35	1 26	22 53	0 10	11 29	1 30	9 24	0 35	19 2	1 42	9 21	12 5	23 25	23 25	23 37	14 25	7 30
M16	23 20	5 22	5 17	25 12	1 45	21 5	0 43	6 48	1 26	22 52	0 10	11 29	1 31	9 25	0 35	19 2	1 42	9 21	12 5	23 25	23 25	23 37	14 25	7 30
T 17	23 22	0 14	5 14	25 16	1 49	21 19	0 40	7 1	1 26	22 51	0 10	11 29	1 31	9 26	0 35	19 1	1 42	9 21	12 5	23 25	23 25	23 37	14 25	7 31
W18	23 24	5s 6	4 55	25 19	1 53	21 31	0 38	7 14	1 26	22 49	0 10	11 30	1 31	9 27	0 35	19 1	1 42	9 21	12 5	23 25	23 25	23 37	14 25	7 31
T 19	23 26	10 22	4 18	25 20	1 56	21 44	0 36	7 27	1 26	22 48	0 10	11 30	1 31	9 28	0 35	19 1	1 42	9 21	12 4	23 25	23 25	23 38	14 25	7 32
F 20	23 27	15 16	3 24	25 20	1 59	21 55	0 33	7 40	1 26	22 46	0 10	11 31	1 32	9 29	0 35	19 1	1 42	9 21	12 4	23 25	23 25	23 38	14 25	7 32
S 21	23 27	19 24	2 16	25 19	2 2	22 7	0 31	7 53	1 26	22 45	0 10	11 31	1 32	9 29	0 35	19 0	1 42	9 21	12 4	23 25	23 25	23 38	14 26	7 32
S 22	23 27	22 19	0 57	25 15	2 4	22 17	0 29	8 5	1 26	22 43	0 10	11 32	1 32	9 30	0 35	19 0	1 41	9 21	12 4	23 25	23 25	23 38	14 26	7 33
M23	23 27	23 40	0s28	25 11	2 6	22 27	0 26	8 18	1 26	22 42	0 11	11 32	1 32	9 31	0 35	19 0	1 41	9 21	12 4	23 25	23 25	23 38	14 26	7 33
T 24	23 26	23 16	1 50	25 5	2 8	22 36	0 24	8 30	1 26	22 40	0 11	11 33	1 32	9 32	0 35	19 0	1 41	9 21	12 4	23 25	23 25	23 38	14 26	7 33
W25	23 25	21 11	3 4	24 57	2 9	22 44	0 21	8 43	1 26	22 39	0 11	11 33	1 33	9 32	0 35	18 59	1 41	9 21	12 4	23 25	23 25	23 38	14 27	7 33
T 26	23 23	17 43	4 4	24 48	2 10	22 52	0 19	8 55	1 26	22 37	0 11	11 34	1 33	9 33	0 35	18 59	1 41	9 21	12 3	23 25	23 25	23 38	14 27	7 34
F 27	23 20	13 15	4 47	24 37	2 10	22 59	0 16	9 7	1 26	22 36	0 11	11 35	1 33	9 34	0 35	18 59	1 41	9 21	12 3	23 25	23 25	23 38	14 27	7 34
S 28	23 18	8 13	5 11	24 24	2 10	23 5	0 14	9 20	1 26	22 34	0 11	11 35	1 33	9 34	0 35	18 59	1 41	9 21	12 3	23 25	23 25	23 38	14 28	7 34
S 29	23 14	2 57	5 18	24 10	2 10	23 10	0 11	9 32	1 26	22 32	0 11	11 36	1 34	9 35	0 35	18 58	1 41	9 21	12 3	23 25	23 26	23 38	14 28	7 34
M30	23 11	2n19	5 7	23 55	2 9	23 15	0 9	9 44	1 26	22 31	0 11	11 37	1 34	9 36	0 35	18 58	1 41	9 21	12 3	23 25	23 26	23 38	14 28	7 35
T 31	23s 7	7n20	4s42	23s38	2s 8	23s19	0n 6	9s56	1n26	22s29	0s11	11n38	1n34	9s36	0n35	18n58	1s41	9n21	12s 3	23n25	23n26	23n38	14n29	7s35

Julian Day Number = 2411337.5, Delta T = -3.89 sec
Ecliptic obliquity = 23°27'12, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°12'11, Lahiri = 22°19'11

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ASTRODIENST EPHEMERIS for the year 1890
geocentric

JANUARY 1890 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 42 23	10♑34'55	13♉14	24♑20	28♐57	29♎59	17♑50	3°R38	26♎18	2°R12	5°R20	3♋ 2	2♋32	17♋28	19°R49	W 1
T 2	6 46 19	11°36'05	25°29	25°55	0♑12	0♏33	18° 4	3♍36	26°20	2♊11	5♊19	3° 3	2°29	17°35	19♋44	T 2
F 3	6 50 16	12°37'14	7♊33	27°29	1°27	1° 7	18°18	3°34	26°21	2°10	5°18	3° 4	2°26	17°42	19°40	F 3
S 4	6 54 13	13°38'22	19°30	29° 3	2°43	1°40	18°32	3°32	26°23	2° 9	5°17	3° 4	2°23	17°48	19°36	S 4
S 5	6 58 9	14°39'31	1♋21	0♒36	3°58	2°14	18°46	3°29	26°24	2° 8	5°17	3°R 5	2°20	17°55	19°32	S 5
M 6	7 2 6	15°40'39	13° 9	2° 7	5°14	2°47	19° 0	3°27	26°26	2° 6	5°16	3° 4	2°16	18° 2	19°27	M 6
T 7	7 6 2	16°41'48	24°57	3°36	6°29	3°21	19°14	3°24	26°27	2° 5	5°15	3° 4	2°13	18° 8	19°23	T 7
W 8	7 9 59	17°42'56	6♌47	5° 4	7°45	3°54	19°28	3°22	26°28	2° 4	5°14	3° 2	2°10	18°15	19°19	W 8
T 9	7 13 55	18°44'03	18°40	6°29	9° 0	4°27	19°42	3°19	26°29	2° 3	5°13	2°59	2° 7	18°22	19°14	T 9
F 10	7 17 52	19°45'11	0♍40	7°51	10°15	5° 0	19°56	3°16	26°31	2° 2	5°13	2°57	2° 4	18°28	19°10	F 10
S 11	7 21 49	20°46'18	12°47	9°10	11°31	5°33	20°10	3°14	26°32	2° 1	5°12	2°54	2° 1	18°35	19° 6	S 11
S 12	7 25 45	21°47'26	25° 6	10°25	12°46	6° 6	20°24	3°11	26°33	2° 0	5°11	2°52	1°57	18°42	19° 2	S 12
M13	7 29 42	22°48'33	7♎40	11°35	14° 2	6°39	20°38	3° 8	26°34	1°59	5°10	2°50	1°54	18°48	18°57	M13
T 14	7 33 38	23°49'40	20°32	12°40	15°17	7°12	20°52	3° 4	26°35	1°58	5°10	2°D49	1°51	18°55	18°53	T 14
W15	7 37 35	24°50'46	3♏46	13°39	16°32	7°44	21° 6	3° 1	26°36	1°57	5° 9	2°49	1°48	19° 2	18°49	W15
T 16	7 41 31	25°51'53	17°23	14°31	17°48	8°17	21°20	2°58	26°37	1°57	5° 8	2°50	1°45	19° 8	18°44	T 16
F 17	7 45 28	26°52'59	1♐26	15°14	19° 3	8°49	21°34	2°55	26°37	1°56	5° 8	2°52	1°42	19°15	18°40	F 17
S 18	7 49 24	27°54'05	15°54	15°49	20°19	9°22	21°48	2°51	26°38	1°55	5° 7	2°53	1°38	19°22	18°36	S 18
S 19	7 53 21	28°55'11	0♑44	16°14	21°34	9°54	22° 2	2°48	26°39	1°54	5° 6	2°R54	1°35	19°28	18°32	S 19
M20	7 57 18	29°56'16	15°50	16°29	22°49	10°26	22°16	2°44	26°39	1°53	5° 6	2°53	1°32	19°35	18°27	M20
T 21	8 1 14	0♒57'21	1♒ 4	16°R33	24° 5	10°58	22°30	2°40	26°40	1°53	5° 5	2°51	1°29	19°42	18°23	T 21
W22	8 5 11	1°58'25	16°15	16°25	25°20	11°30	22°44	2°37	26°41	1°52	5° 5	2°48	1°26	19°48	18°19	W22
T 23	8 9 7	2°59'28	1♓15	16° 6	26°36	12° 2	22°58	2°33	26°41	1°51	5° 4	2°44	1°22	19°55	18°15	T 23
F 24	8 13 4	4° 0'30	15°53	15°36	27°51	12°34	23°12	2°29	26°41	1°51	5° 3	2°39	1°19	20° 1	18°11	F 24
S 25	8 17 0	5° 1'30	0♈ 6	14°54	29° 6	13° 5	23°26	2°25	26°42	1°50	5° 3	2°35	1°16	20° 8	18° 7	S 25
S 26	8 20 57	6° 2'30	13°49	14° 3	0♒22	13°37	23°40	2°21	26°42	1°50	5° 2	2°31	1°13	20°15	18° 3	S 26
M27	8 24 53	7° 3'28	27° 4	13° 3	1°37	14° 8	23°54	2°17	26°42	1°49	5° 2	2°29	1°10	20°21	17°59	M27
T 28	8 28 50	8° 4'26	9♉53	11°57	2°52	14°39	24° 8	2°13	26°42	1°49	5° 2	2°D29	1° 7	20°28	17°55	T 28
W29	8 32 47	9° 5'22	22°20	10°46	4° 8	15°10	24°22	2° 8	26°43	1°48	5° 1	2°29	1° 3	20°35	17°51	W29
T 30	8 36 43	10° 6'17	4♊30	9°32	5°23	15°41	24°35	2° 4	26°43	1°48	5° 1	2°31	1° 0	20°41	17°47	T 30
F 31	8 40 40	11♒ 7'10	16♊28	8♒17	6♒38	16♏12	24♑49	2♍ 0	26°R43	1♊47	5♊ 0	2♋33	0♋57	20♋48	17♋43	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 2	11n57	4s 3	23s19	2s 5	23s23	0n 4	10s 8	1n26	22s27	0s11	11n39	1n34	9s37	0n35	18n58	1s41	9n21	12s 2	23n25	23n26	23n38	14n29	7s35
T 2	22 57	16 0	3 14	22 59	2 3	23 26	0 2	10 19	1 26	22 25	0 11	11 40	1 35	9 37	0 35	18 58	1 41	9 21	12 2	23 25	23 26	23 38	14 29	7 35
F 3	22 51	19 20	2 17	22 38	2 0	23 28	0s 1	10 31	1 26	22 24	0 12	11 41	1 35	9 38	0 35	18 57	1 41	9 21	12 2	23 25	23 26	23 38	14 30	7 35
S 4	22 45	21 48	1 15	22 15	1 56	23 29	0 3	10 43	1 26	22 22	0 12	11 42	1 35	9 38	0 35	18 57	1 41	9 21	12 2	23 25	23 26	23 38	14 30	7 35
S 5	22 39	23 17	0 10	21 50	1 51	23 29	0 6	10 54	1 26	22 20	0 12	11 43	1 35	9 39	0 35	18 57	1 41	9 21	12 2	23 25	23 26	23 38	14 31	7 36
M 6	22 32	23 44	0n56	21 25	1 45	23 29	0 8	11 6	1 26	22 18	0 12	11 44	1 35	9 39	0 35	18 57	1 41	9 21	12 1	23 25	23 26	23 38	14 31	7 36
T 7	22 25	23 6	1 58	20 58	1 39	23 28	0 11	11 17	1 26	22 16	0 12	11 45	1 36	9 40	0 35	18 57	1 41	9 21	12 1	23 25	23 26	23 38	14 32	7 36
W 8	22 17	21 26	2 56	20 30	1 32	23 27	0 13	11 29	1 26	22 14	0 12	11 46	1 36	9 40	0 35	18 56	1 41	9 21	12 1	23 25	23 26	23 37	14 32	7 36
T 9	22 9	18 49	3 47	20 1	1 24	23 24	0 15	11 40	1 26	22 12	0 12	11 47	1 36	9 41	0 35	18 56	1 41	9 21	12 1	23 25	23 26	23 37	14 33	7 36
F 10	22 0	15 25	4 27	19 32	1 16	23 21	0 18	11 51	1 26	22 10	0 12	11 48	1 36	9 41	0 35	18 56	1 41	9 21	12 1	23 25	23 26	23 37	14 33	7 36
S 11	21 51	11 20	4 57	19 2	1 6	23 17	0 20	12 2	1 26	22 8	0 12	11 50	1 37	9 41	0 35	18 56	1 41	9 21	12 0	23 25	23 26	23 37	14 34	7 36
S 12	21 41	6 44	5 13	18 31	0 55	23 13	0 23	12 13	1 26	22 6	0 12	11 51	1 37	9 42	0 35	18 56	1 41	9 21	12 0	23 25	23 26	23 37	14 34	7 36
M13	21 31	1 46	5 15	18 1	0 44	23 8	0 25	12 24	1 26	22 4	0 12	11 52	1 37	9 42	0 35	18 56	1 41	9 21	12 0	23 25	23 26	23 37	14 35	7 36
T 14	21 21	3s23	5 1	17 31	0 31	23 2	0 27	12 35	1 25	22 2	0 13	11 54	1 37	9 42	0 35	18 56	1 40	9 22	12 0	23 25	23 26	23 37	14 35	7 36
W15	21 10	8 31	4 31	17 1	0 17	22 55	0 29	12 45	1 25	22 0	0 13	11 55	1 37	9 43	0 35	18 55	1 40	9 22	11 59	23 25	23 26	23 37	14 36	7 36
T 16	20 59	13 26	3 45	16 32	0 3	22 48	0 32	12 56	1 25	21 58	0 13	11 56	1 38	9 43	0 36	18 55	1 40	9 22	11 59	23 25	23 27	23 37	14 37	7 36
F 17	20 48	17 46	2 45	16 4	0n13	22 40	0 34	13 6	1 25	21 56	0 13	11 58	1 38	9 43	0 36	18 55	1 40	9 22	11 59	23 25	23 27	23 37	14 37	7 36
S 18	20 36	21 11	1 32	15 38	0 29	22 31	0 36	13 17	1 25	21 54	0 13	11 59	1 38	9 44	0 36	18 55	1 40	9 22	11 59	23 25	23 27	23 37	14 38	7 36
S 19	20 23	23 15	0 12	15 15	0 46	22 21	0 38	13 27	1 25	21 52	0 13	12 1	1 38	9 44	0 36	18 55	1 40	9 22	11 59	23 25	23 27	23 36	14 39	7 36
M20	20 11	23 41	1s11	14 53	1 4	22 11	0 40	13 37	1 25	21 50	0 13	12 2	1 38	9 44	0 36	18 55	1 40	9 22	11 58	23 25	23 27	23 36	14 39	7 36
T 21	19 57	22 21	2 29	14 35	1 22	22 0	0 43	13 47	1 25	21 48	0 13	12 4	1 39	9 44	0 36	18 55	1 40	9 23	11 58	23 25	23 27	23 36	14 40	7 36
W22	19 44	19 24	3 36	14 20	1 40	21 49	0 45	13 57	1 24	21 45	0 13	12 5	1 39	9 44	0 36	18 55	1 40	9 23	11 58	23 25	23 27	23 36	14 41	7 35
T 23	19 30	15 12	4 27	14 9	1 58	21 37	0 47	14 7	1 24	21 43	0 13	12 7	1 39	9 44	0 36	18 55	1 40	9 23	11 58	23 26	23 27	23 36	14 41	7 35
F 24	19 16	10 10	5 0	14 1	2 15	21 24	0 49	14 17	1 24	21 41	0 14	12 8	1 39	9 45	0 36	18 55	1 40	9 23	11 57	23 26	23 27	23 36	14 42	7 35
S 25	19 1	4 44	5 13	13 57	2 32	21 10	0 51	14 27	1 24	21 39	0 14	12 10	1 39	9 45	0 36	18 55	1 40	9 23	11 57	23 26	23 27	23 36	14 43	7 35
S 26	18 46	0n44	5 7	13 57	2 48	20 56	0 52	14 36	1 24	21 36	0 14	12 11	1 39	9 45	0 36	18 55	1 40	9 23	11 57	23 26	23 27	23 35	14 43	7 35
M27	18 31	6 0	4 45	14 0	3 2	20 42	0 54	14 46	1 23	21 34	0 14	12 13	1 40	9 45	0 36	18 54	1 40	9 24	11 56	23 26	23 27	23 35	14 44	7 35
T 28	18 16	10 51	4 9	14 7	3 14	20 26	0 56	14 55	1 23	21 32	0 14	12 15	1 40	9 45	0 36	18 54	1 40	9 24	11 56	23 26	23 27	23 35	14 45	7 34
W29	18 0	15 6	3 22	14 17	3 23	20 10	0 58	15 4	1 23	21 29	0 14	12 16	1 40	9 45	0 36	18 54	1 40	9 24	11 56	23 26	23 27	23 35	14 45	7 34
T 30	17 43	18 38	2 27	14 29	3 31	19 54	1 0	15 13	1 23	21 27	0 14	12 18	1 40	9 45	0 36	18 54	1 40	9 24	11 56	23 26	23 27	23 35	14 46	7 34
F 31	17s27	21n20	1s27	14s43	3n36	19s37	1s 1	15s22	1n23	21s25	0s14	12n20	1n40	9s45	0n36	18n54	1s40	9n24	11s55	23n26	23n27	23n34	14n47	7s34

Julian Day Number = 2411368.5, Delta T = -3.90 sec
Ecliptic obliquity = 23°27'12, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°12'15, Lahiri = 22°19'15

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ASTRODIENST EPHEMERIS for the year 1890
geocentric

FEBRUARY 1890 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 44 36	12♒ 8'02	28♊18	7°R 5	7♒54	16♏43	25♑ 3	1°R55	26°R43	1°R47	5°R 0	2°R34	0♋54	20♋55	17°R39	S 1
S 2	8 48 33	13° 8'53	10♋ 5	5♒55	9° 9	17°13	25°17	1♍51	26♎43	1♊47	5♊ 0	2♋34	0°51	21° 1	17♋35	S 2
M 3	8 52 29	14° 9'43	21°52	4°51	10°24	17°44	25°30	1°46	26°42	1°46	4°59	2°31	0°48	21° 8	17°32	M 3
T 4	8 56 26	15°10'31	3♌43	3°53	11°40	18°14	25°44	1°42	26°42	1°46	4°59	2°27	0°44	21°15	17°28	T 4
W 5	9 0 22	16°11'19	15°38	3° 3	12°55	18°44	25°58	1°37	26°42	1°46	4°59	2°21	0°41	21°21	17°25	W 5
T 6	9 4 19	17°12'04	27°40	2°20	14°10	19°14	26°11	1°33	26°42	1°46	4°58	2°13	0°38	21°28	17°21	T 6
F 7	9 8 16	18°12'49	9♍50	1°46	15°25	19°44	26°25	1°28	26°41	1°46	4°58	2° 4	0°35	21°35	17°18	F 7
S 8	9 12 12	19°13'32	22°10	1°19	16°41	20°14	26°39	1°24	26°41	1°45	4°58	1°55	0°32	21°41	17°14	S 8
S 9	9 16 9	20°14'14	4♎40	1° 1	17°56	20°43	26°52	1°19	26°40	1°45	4°58	1°47	0°28	21°48	17°11	S 9
M10	9 20 5	21°14'55	17°22	0°51	19°11	21°12	27° 6	1°14	26°40	1°45	4°58	1°40	0°25	21°55	17° 7	M10
T 11	9 24 2	22°15'35	0♏18	0°D48	20°26	21°42	27°19	1° 9	26°39	1°D45	4°57	1°35	0°22	22° 1	17° 4	T 11
W12	9 27 58	23°16'14	13°29	0°53	21°41	22°11	27°32	1° 5	26°38	1°45	4°57	1°33	0°19	22° 8	17° 1	W12
T 13	9 31 55	24°16'52	26°59	1° 4	22°57	22°40	27°46	1° 0	26°38	1°45	4°57	1°D32	0°16	22°15	16°58	T 13
F 14	9 35 51	25°17'28	10♐48	1°22	24°12	23° 8	27°59	0°55	26°37	1°45	4°57	1°33	0°13	22°21	16°55	F 14
S 15	9 39 48	26°18'04	24°58	1°45	25°27	23°37	28°12	0°50	26°36	1°46	4°57	1°R34	0° 9	22°28	16°52	S 15
S 16	9 43 45	27°18'38	9♑28	2°14	26°42	24° 5	28°26	0°45	26°35	1°46	4°57	1°34	0° 6	22°35	16°49	S 16
M17	9 47 41	28°19'11	24°15	2°47	27°57	24°33	28°39	0°40	26°34	1°46	4°D57	1°32	0° 3	22°41	16°46	M17
T 18	9 51 38	29°19'43	9♒13	3°25	29°12	25° 1	28°52	0°36	26°34	1°46	4°57	1°27	29♊59	22°48	16°44	T 18
W19	9 55 34	0♓20'13	24°15	4° 8	0♓28	25°29	29° 5	0°31	26°33	1°46	4°57	1°20	29°57	22°55	16°41	W19
T 20	9 59 31	1°20'41	9♓10	4°54	1°43	25°56	29°18	0°26	26°31	1°47	4°57	1°11	29°54	23° 1	16°39	T 20
F 21	10 3 27	2°21'08	23°51	5°44	2°58	26°24	29°31	0°21	26°30	1°47	4°57	1° 1	29°50	23° 8	16°36	F 21
S 22	10 7 24	3°21'33	8♈ 8	6°37	4°13	26°51	29°44	0°16	26°29	1°47	4°57	0°51	29°47	23°14	16°34	S 22
S 23	10 11 20	4°21'56	21°59	7°33	5°28	27°18	29°57	0°11	26°28	1°48	4°57	0°43	29°44	23°21	16°31	S 23
M24	10 15 17	5°22'17	5♉21	8°32	6°43	27°44	0♒ 9	0° 7	26°27	1°48	4°57	0°36	29°41	23°28	16°29	M24
T 25	10 19 13	6°22'36	18°16	9°34	7°58	28°11	0°22	0° 2	26°25	1°49	4°58	0°32	29°38	23°34	16°27	T 25
W26	10 23 10	7°22'53	0♊46	10°38	9°13	28°37	0°35	29♌57	26°24	1°49	4°58	0°31	29°34	23°41	16°25	W26
T 27	10 27 7	8°23'09	12°58	11°45	10°28	29° 3	0°47	29°52	26°23	1°50	4°58	0°D31	29°31	23°48	16°23	T 27
F 28	10 31 3	9♓23'22	24♊56	12♒53	11♓43	29♏29	1♒ 0	29♌47	26♎21	1♊50	4♊58	0°R31	29♊28	23♋54	16♋21	F 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s10	23n 3	0s23	14s59	3n38	19s19	1s 3	15s31	1n22	21s22	0s14	12n22	1n40	9s45	0n36	18n54	1s39	9n24	11s55	23n26	23n27	23n34	14n48	7s33
S 2	16 53	23 45	0n41	15 16	3 39	19 1	1 5	15 40	1 22	21 20	0 15	12 23	1 41	9 45	0 36	18 54	1 39	9 25	11 55	23 26	23 27	23 34	14 48	7 33
M 3	16 35	23 22	1 43	15 34	3 36	18 42	1 6	15 49	1 22	21 17	0 15	12 25	1 41	9 45	0 36	18 54	1 39	9 25	11 55	23 26	23 27	23 34	14 49	7 33
T 4	16 18	21 56	2 41	15 51	3 32	18 23	1 8	15 58	1 22	21 15	0 15	12 27	1 41	9 45	0 36	18 54	1 39	9 25	11 54	23 26	23 27	23 34	14 50	7 32
W 5	16 0	19 32	3 32	16 8	3 26	18 3	1 9	16 6	1 21	21 13	0 15	12 29	1 41	9 44	0 36	18 54	1 39	9 25	11 54	23 26	23 27	23 33	14 51	7 32
T 6	15 41	16 16	4 14	16 25	3 19	17 43	1 10	16 15	1 21	21 10	0 15	12 30	1 41	9 44	0 36	18 54	1 39	9 26	11 54	23 26	23 27	23 33	14 51	7 32
F 7	15 23	12 17	4 45	16 42	3 10	17 22	1 12	16 23	1 21	21 8	0 15	12 32	1 41	9 44	0 36	18 54	1 39	9 26	11 54	23 26	23 27	23 33	14 52	7 31
S 8	15 4	7 45	5 3	16 57	3 0	17 1	1 13	16 31	1 21	21 5	0 15	12 34	1 41	9 44	0 36	18 54	1 39	9 26	11 53	23 26	23 27	23 33	14 53	7 31
S 9	14 45	2 51	5 7	17 11	2 49	16 39	1 14	16 39	1 20	21 3	0 15	12 36	1 41	9 44	0 36	18 55	1 39	9 26	11 53	23 27	23 27	23 32	14 54	7 31
M10	14 26	2s16	4 56	17 24	2 38	16 16	1 15	16 47	1 20	21 0	0 15	12 37	1 42	9 44	0 36	18 55	1 39	9 27	11 53	23 27	23 27	23 32	14 54	7 30
T 11	14 6	7 22	4 30	17 37	2 26	15 54	1 17	16 55	1 20	20 58	0 16	12 39	1 42	9 43	0 36	18 55	1 39	9 27	11 52	23 27	23 27	23 32	14 55	7 30
W12	13 46	12 15	3 49	17 47	2 14	15 31	1 18	17 3	1 19	20 55	0 16	12 41	1 42	9 43	0 36	18 55	1 39	9 27	11 52	23 27	23 27	23 32	14 56	7 30
T 13	13 26	16 39	2 55	17 57	2 2	15 7	1 19	17 11	1 19	20 53	0 16	12 43	1 42	9 43	0 36	18 55	1 39	9 27	11 52	23 27	23 27	23 31	14 57	7 29
F 14	13 6	20 17	1 49	18 5	1 50	14 43	1 20	17 18	1 18	20 50	0 16	12 45	1 42	9 42	0 36	18 55	1 39	9 28	11 52	23 27	23 27	23 31	14 58	7 29
S 15	12 45	22 46	0 35	18 12	1 37	14 18	1 20	17 26	1 18	20 48	0 16	12 47	1 42	9 42	0 36	18 55	1 39	9 28	11 51	23 27	23 27	23 31	14 58	7 28
S 16	12 25	23 49	0s42	18 18	1 25	13 54	1 21	17 33	1 18	20 45	0 16	12 48	1 42	9 42	0 36	18 55	1 39	9 28	11 51	23 27	23 27	23 30	14 59	7 28
M17	12 4	23 13	1 59	18 22	1 13	13 28	1 22	17 40	1 17	20 43	0 16	12 50	1 42	9 41	0 36	18 55	1 39	9 28	11 51	23 27	23 27	23 30	15 0	7 27
T 18	11 43	20 58	3 7	18 25	1 1	13 3	1 23	17 47	1 17	20 40	0 16	12 52	1 42	9 41	0 36	18 55	1 38	9 29	11 50	23 27	23 27	23 30	15 1	7 27
W19	11 22	17 16	4 3	18 26	0 49	12 37	1 23	17 54	1 16	20 37	0 16	12 54	1 43	9 41	0 36	18 55	1 38	9 29	11 50	23 27	23 27	23 29	15 1	7 26
T 20	11 0	12 30	4 42	18 26	0 38	12 11	1 24	18 1	1 16	20 35	0 17	12 56	1 43	9 40	0 36	18 55	1 38	9 29	11 50	23 27	23 27	23 29	15 2	7 26
F 21	10 39	7 4	5 2	18 25	0 27	11 44	1 24	18 8	1 16	20 32	0 17	12 57	1 43	9 40	0 36	18 56	1 38	9 30	11 50	23 27	23 27	23 29	15 3	7 25
S 22	10 17	1 23	5 2	18 22	0 16	11 17	1 25	18 15	1 15	20 30	0 17	12 59	1 43	9 39	0 36	18 56	1 38	9 30	11 49	23 27	23 27	23 28	15 4	7 25
S 23	9 55	4n11	4 44	18 18	0 6	10 50	1 25	18 21	1 15	20 27	0 17	13 1	1 43	9 39	0 36	18 56	1 38	9 30	11 49	23 27	23 27	23 28	15 5	7 24
M24	9 33	9 22	4 11	18 13	0s 5	10 23	1 26	18 28	1 14	20 24	0 17	13 3	1 43	9 39	0 36	18 56	1 38	9 30	11 49	23 27	23 27	23 28	15 5	7 24
T 25	9 11	13 59	3 25	18 6	0 14	9 55	1 26	18 34	1 14	20 22	0 17	13 4	1 43	9 38	0 37	18 56	1 38	9 31	11 48	23 27	23 27	23 27	15 6	7 23
W26	8 48	17 51	2 32	17 58	0 24	9 27	1 26	18 41	1 13	20 19	0 17	13 6	1 43	9 38	0 37	18 56	1 38	9 31	11 48	23 27	23 27	23 27	15 7	7 23
T 27	8 26	20 51	1 32	17 48	0 33	8 59	1 26	18 47	1 13	20 17	0 17	13 8	1 43	9 37	0 37	18 56	1 38	9 31	11 48	23 27	23 27	23 27	15 8	7 22
F 28	8s 3	22n52	0s30	17s37	0s42	8s30	1s26	18s53	1n12	20s14	0s18	13n10	1n43	9s36	0n37	18n57	1s38	9n32	11s48	23n27	23n27	23n26	15n 8	7s22

Julian Day Number = 2411399.5, Delta T = -3.91 sec
Ecliptic obliquity = 23°27'13, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°12'19, Lahiri = 22°19'20

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ASTRODIENST EPHEMERIS for the year 1890
geocentric

MARCH 1890 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 35 0	10♓23'33	6♋45	14♒ 4	12♓58	29♏54	1♒12	29°R43	26°R20	1♊51	4♊58	0°R31	29♊25	24♋ 1	16°R19	S 1
S 2	10 38 56	11°23'42	18°32	15°17	14°13	0♐19	1°25	29♌38	26♎18	1°52	4°59	0♋29	29°22	24° 8	16♋18	S 2
M 3	10 42 53	12°23'49	0♌20	16°31	15°28	0°44	1°37	29°33	26°17	1°52	4°59	0°25	29°19	24°14	16°16	M 3
T 4	10 46 49	13°23'54	12°14	17°47	16°43	1° 9	1°49	29°29	26°15	1°53	4°59	0°19	29°15	24°21	16°14	T 4
W 5	10 50 46	14°23'57	24°16	19° 5	17°58	1°34	2° 2	29°24	26°13	1°54	5° 0	0° 9	29°12	24°28	16°13	W 5
T 6	10 54 42	15°23'58	6♍29	20°24	19°13	1°58	2°14	29°19	26°12	1°55	5° 0	29♊57	29° 9	24°34	16°12	T 6
F 7	10 58 39	16°23'57	18°54	21°45	20°27	2°22	2°26	29°15	26°10	1°55	5° 0	29°44	29° 6	24°41	16°10	F 7
S 8	11 2 36	17°23'54	1♎30	23° 8	21°42	2°45	2°38	29°10	26° 8	1°56	5° 1	29°31	29° 3	24°48	16° 9	S 8
S 9	11 6 32	18°23'49	14°18	24°32	22°57	3° 9	2°49	29° 6	26° 6	1°57	5° 1	29°18	28°59	24°54	16° 8	S 9
M10	11 10 29	19°23'43	27°18	25°57	24°12	3°32	3° 1	29° 2	26° 4	1°58	5° 2	29° 8	28°56	25° 1	16° 7	M10
T 11	11 14 25	20°23'35	10♏29	27°24	25°27	3°54	3°13	28°57	26° 3	1°59	5° 2	29° 0	28°53	25° 8	16° 6	T 11
W12	11 18 22	21°23'25	23°51	28°52	26°41	4°17	3°25	28°53	26° 1	2° 0	5° 2	28°55	28°50	25°14	16° 6	W12
T 13	11 22 18	22°23'13	7♐25	0♓21	27°56	4°39	3°36	28°49	25°59	2° 1	5° 3	28°52	28°47	25°21	16° 5	T 13
F 14	11 26 15	23°23'00	21°11	1°52	29°11	5° 1	3°48	28°44	25°57	2° 2	5° 3	28°52	28°44	25°28	16° 4	F 14
S 15	11 30 11	24°22'45	5♑11	3°23	0♈26	5°22	3°59	28°40	25°55	2° 3	5° 4	28°52	28°40	25°34	16° 4	S 15
S 16	11 34 8	25°22'28	19°24	4°57	1°40	5°43	4°10	28°36	25°53	2° 4	5° 5	28°51	28°37	25°41	16° 3	S 16
M17	11 38 5	26°22'10	3♒49	6°31	2°55	6° 4	4°22	28°32	25°50	2° 5	5° 5	28°48	28°34	25°48	16° 3	M17
T 18	11 42 1	27°21'50	18°23	8° 7	4°10	6°24	4°33	28°28	25°48	2° 6	5° 6	28°42	28°31	25°54	16° 3	T 18
W19	11 45 58	28°21'28	3♓ 1	9°44	5°24	6°44	4°44	28°24	25°46	2° 8	5° 6	28°34	28°28	26° 1	16° 3	W19
T 20	11 49 54	29°21'04	17°35	11°22	6°39	7° 4	4°55	28°21	25°44	2° 9	5° 7	28°23	28°25	26° 8	16°D 3	T 20
F 21	11 53 51	0♈20'38	2♈ 0	13° 2	7°54	7°23	5° 6	28°17	25°42	2°10	5° 8	28°11	28°21	26°14	16° 3	F 21
S 22	11 57 47	1°20'10	16° 7	14°42	9° 8	7°42	5°16	28°13	25°40	2°11	5° 8	27°58	28°18	26°21	16° 3	S 22
S 23	12 1 44	2°19'40	29°52	16°25	10°23	8° 0	5°27	28°10	25°37	2°13	5° 9	27°48	28°15	26°28	16° 3	S 23
M24	12 5 40	3°19'08	13♉13	18° 8	11°37	8°18	5°37	28° 6	25°35	2°14	5°10	27°39	28°12	26°34	16° 4	M24
T 25	12 9 37	4°18'34	26° 9	19°53	12°52	8°36	5°48	28° 3	25°33	2°15	5°10	27°33	28° 9	26°41	16° 4	T 25
W26	12 13 34	5°17'57	8♊42	21°39	14° 6	8°53	5°58	27°59	25°30	2°17	5°11	27°30	28° 5	26°48	16° 5	W26
T 27	12 17 30	6°17'18	20°56	23°26	15°21	9°10	6° 8	27°56	25°28	2°18	5°12	27°29	28° 2	26°54	16° 6	T 27
F 28	12 21 27	7°16'37	2♋57	25°15	16°35	9°26	6°19	27°53	25°26	2°19	5°13	27°29	27°59	27° 1	16° 6	F 28
S 29	12 25 23	8°15'53	14°48	27° 5	17°50	9°42	6°29	27°50	25°23	2°21	5°14	27°29	27°56	27° 8	16° 7	S 29
S 30	12 29 20	9°15'08	26°36	28°56	19° 4	9°57	6°38	27°47	25°21	2°22	5°14	27°28	27°53	27°14	16° 8	S 30
M31	12 33 16	10♈14'19	8♌27	0♈49	20♈18	10♐12	6♒48	27♌44	25♎18	2♊24	5♊15	27♊24	27♊50	27♋21	16♋ 9	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s41	23n50	0n33	17s25	0s50	8s 1	1s26	18s59	1n11	20s11	0s18	13n11	1n43	9s36	0n37	18n57	1s38	9n32	11s47	23n27	23n27	23n26	15n 9	7s21
S 2	7 18	23 44	1 34	17 12	0 58	7 32	1 26	19 5	1 11	20 9	0 18	13 13	1 43	9 35	0 37	18 57	1 38	9 32	11 47	23 27	23 27	23 26	15 10	7 21
M 3	6 55	22 33	2 31	16 57	1 6	7 3	1 26	19 10	1 10	20 6	0 18	13 15	1 43	9 35	0 37	18 57	1 38	9 33	11 47	23 27	23 27	23 25	15 11	7 20
T 4	6 32	20 22	3 22	16 41	1 13	6 34	1 26	19 16	1 10	20 4	0 18	13 16	1 43	9 34	0 37	18 57	1 38	9 33	11 46	23 27	23 27	23 25	15 11	7 20
W 5	6 9	17 17	4 5	16 23	1 20	6 5	1 26	19 22	1 9	20 1	0 18	13 18	1 43	9 34	0 37	18 58	1 38	9 33	11 46	23 27	23 27	23 24	15 12	7 19
T 6	5 45	13 25	4 36	16 4	1 27	5 35	1 25	19 27	1 8	19 58	0 18	13 20	1 43	9 33	0 37	18 58	1 37	9 34	11 46	23 27	23 27	23 24	15 13	7 18
F 7	5 22	8 55	4 55	15 44	1 33	5 5	1 25	19 33	1 8	19 56	0 18	13 21	1 43	9 32	0 37	18 58	1 37	9 34	11 46	23 27	23 27	23 24	15 14	7 18
S 8	4 59	4 0	5 0	15 23	1 39	4 35	1 25	19 38	1 7	19 53	0 19	13 23	1 43	9 32	0 37	18 58	1 37	9 34	11 45	23 27	23 27	23 23	15 14	7 17
S 9	4 35	1s11	4 50	15 0	1 44	4 5	1 24	19 43	1 6	19 51	0 19	13 25	1 43	9 31	0 37	18 59	1 37	9 35	11 45	23 27	23 27	23 23	15 15	7 17
M10	4 12	6 23	4 26	14 36	1 50	3 35	1 23	19 48	1 5	19 48	0 19	13 26	1 43	9 30	0 37	18 59	1 37	9 35	11 45	23 27	23 27	23 22	15 16	7 16
T 11	3 49	11 24	3 46	14 10	1 54	3 5	1 23	19 53	1 5	19 45	0 19	13 28	1 43	9 30	0 37	18 59	1 37	9 35	11 44	23 27	23 27	23 22	15 17	7 15
W12	3 25	15 56	2 54	13 44	1 58	2 34	1 22	19 58	1 4	19 43	0 19	13 29	1 43	9 29	0 37	18 59	1 37	9 36	11 44	23 27	23 27	23 21	15 17	7 15
T 13	3 1	19 44	1 51	13 16	2 2	2 4	1 21	20 3	1 3	19 40	0 19	13 31	1 43	9 28	0 37	18 59	1 37	9 36	11 44	23 27	23 27	23 21	15 18	7 14
F 14	2 38	22 29	0 41	12 46	2 6	1 33	1 21	20 8	1 2	19 38	0 19	13 32	1 43	9 27	0 37	19 0	1 37	9 36	11 44	23 27	23 27	23 20	15 19	7 13
S 15	2 14	23 54	0s33	12 16	2 9	1 3	1 20	20 12	1 1	19 35	0 20	13 34	1 43	9 27	0 37	19 0	1 37	9 37	11 43	23 27	23 27	23 20	15 19	7 13
S 16	1 50	23 48	1 46	11 44	2 11	0 32	1 19	20 17	1 0	19 33	0 20	13 35	1 43	9 26	0 37	19 0	1 37	9 37	11 43	23 27	23 27	23 19	15 20	7 12
M17	1 27	22 7	2 53	11 11	2 13	0 2	1 18	20 21	0 59	19 30	0 20	13 36	1 43	9 25	0 37	19 1	1 37	9 38	11 43	23 27	23 27	23 19	15 21	7 12
T 18	1 3	18 58	3 50	10 37	2 15	0n29	1 17	20 26	0 59	19 28	0 20	13 38	1 43	9 24	0 37	19 1	1 37	9 38	11 43	23 27	23 27	23 19	15 21	7 11
W19	0 39	14 37	4 31	10 2	2 16	1 0	1 16	20 30	0 58	19 25	0 20	13 39	1 43	9 24	0 37	19 1	1 37	9 38	11 42	23 27	23 27	23 18	15 22	7 10
T 20	0 15	9 26	4 55	9 25	2 17	1 30	1 14	20 34	0 57	19 23	0 20	13 40	1 43	9 23	0 37	19 1	1 37	9 39	11 42	23 27	23 27	23 18	15 23	7 10
F 21	0n 8	3 47	5 0	8 47	2 18	2 1	1 13	20 39	0 56	19 20	0 20	13 42	1 43	9 22	0 37	19 2	1 37	9 39	11 42	23 26	23 27	23 17	15 23	7 9
S 22	0 32	1n57	4 46	8 8	2 17	2 31	1 12	20 43	0 54	19 18	0 21	13 43	1 43	9 21	0 37	19 2	1 37	9 39	11 41	23 26	23 27	23 17	15 24	7 8
S 23	0 56	7 27	4 15	7 28	2 17	3 2	1 10	20 47	0 53	19 15	0 21	13 44	1 43	9 20	0 37	19 2	1 37	9 40	11 41	23 26	23 27	23 16	15 24	7 8
M24	1 19	12 27	3 31	6 47	2 16	3 32	1 9	20 51	0 52	19 13	0 21	13 45	1 43	9 19	0 37	19 3	1 36	9 40	11 41	23 26	23 26	23 15	15 25	7 7
T 25	1 43	16 45	2 38	6 4	2 14	4 3	1 8	20 54	0 51	19 10	0 21	13 46	1 43	9 19	0 37	19 3	1 36	9 40	11 41	23 26	23 26	23 15	15 26	7 6
W26	2 6	20 9	1 38	5 20	2 12	4 33	1 6	20 58	0 50	19 8	0 21	13 48	1 43	9 18	0 37	19 3	1 36	9 41	11 40	23 26	23 26	23 14	15 26	7 6
T 27	2 30	22 34	0 35	4 36	2 10	5 3	1 5	21 2	0 49	19 6	0 21	13 49	1 43	9 17	0 37	19 4	1 36	9 41	11 40	23 26	23 26	23 14	15 27	7 5
F 28	2 53	23 54	0n29	3 50	2 7	5 33	1 3	21 6	0 48	19 3	0 21	13 50	1 43	9 16	0 37	19 4	1 36	9 42	11 40	23 26	23 26	23 13	15 27	7 4
S 29	3 17	24 8	1 31	3 3	2 3	6 3	1 1	21 9	0 46	19 1	0 22	13 51	1 43	9 15	0 37	19 4	1 36	9 42	11 40	23 26	23 26	23 13	15 28	7 4
S 30	3 40	23 16	2 28	2 15	1 59	6 33	1 0	21 13	0 45	18 59	0 22	13 52	1 43	9 14	0 37	19 5	1 36	9 42	11 39	23 26	23 26	23 12	15 28	7 3
M31	4n 3	21n22	3n19	1s26	1s55	7n 3	0s58	21s16	0n44	18s56	0s22	13n53	1n43	9s13	0n37	19n 5	1s36	9n43	11s39	23n26	23n26	23n12	15n29	7s 3

Julian Day Number = 2411427.5, Delta T = -3.92 sec
Ecliptic obliquity = 23°27'13, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°12'23, Lahiri = 22°19'23

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ASTRODIENST EPHEMERIS for the year 1890
geocentric

APRIL 1890 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 37 13	11♈13'29	20♌24	2♈44	21♈33	10♐26	6♒58	27°R41	25°R16	2♊25	5♊16	27°R19	27♊46	27♋28	16♋11	T 1
W 2	12 41 9	12°12'36	2♍32	4°39	22°47	10°40	7° 7	27♌38	25♎13	2°27	5°17	27♊10	27°43	27°34	16°12	W 2
T 3	12 45 6	13°11'41	14°54	6°36	24° 1	10°53	7°17	27°35	25°11	2°29	5°18	27° 0	27°40	27°41	16°13	T 3
F 4	12 49 3	14°10'44	27°32	8°34	25°15	11° 6	7°26	27°33	25° 8	2°30	5°19	26°47	27°37	27°48	16°15	F 4
S 5	12 52 59	15° 9'45	10♎25	10°34	26°30	11°18	7°35	27°30	25° 6	2°32	5°20	26°35	27°34	27°54	16°16	S 5
S 6	12 56 56	16° 8'43	23°34	12°34	27°44	11°30	7°44	27°28	25° 3	2°33	5°21	26°23	27°31	28° 1	16°18	S 6
M 7	13 0 52	17° 7'40	6♏57	14°36	28°58	11°41	7°53	27°26	25° 1	2°35	5°22	26°14	27°27	28° 8	16°19	M 7
T 8	13 4 49	18° 6'34	20°30	16°39	0♑12	11°52	8° 2	27°24	24°58	2°37	5°22	26° 6	27°24	28°14	16°21	T 8
W 9	13 8 45	19° 5'27	4♐14	18°43	1°26	12° 2	8°11	27°21	24°56	2°39	5°23	26° 2	27°21	28°21	16°23	W 9
T 10	13 12 42	20° 4'19	18° 5	20°48	2°40	12°11	8°19	27°19	24°53	2°40	5°24	26° 0	27°18	28°28	16°25	T 10
F 11	13 16 38	21° 3'08	2♑ 2	22°54	3°55	12°20	8°28	27°18	24°51	2°42	5°25	26°D 0	27°15	28°34	16°27	F 11
S 12	13 20 35	22° 1'56	16° 5	25° 0	5° 9	12°28	8°36	27°16	24°48	2°44	5°26	26°R 1	27°11	28°41	16°30	S 12
S 13	13 24 32	23° 0'42	0♒12	27° 7	6°23	12°36	8°44	27°14	24°46	2°46	5°28	26° 1	27° 8	28°48	16°32	S 13
M14	13 28 28	23°59'26	14°23	29°13	7°37	12°42	8°52	27°12	24°43	2°47	5°29	25°59	27° 5	28°54	16°34	M14
T 15	13 32 25	24°58'09	28°36	1♉19	8°51	12°49	9° 0	27°11	24°40	2°49	5°30	25°55	27° 2	29° 1	16°37	T 15
W16	13 36 21	25°56'50	12♓48	3°25	10° 5	12°54	9° 8	27° 9	24°38	2°51	5°31	25°48	26°59	29° 8	16°39	W16
T 17	13 40 18	26°55'29	26°55	5°30	11°19	12°59	9°16	27° 8	24°35	2°53	5°32	25°40	26°56	29°14	16°42	T 17
F 18	13 44 14	27°54'06	10♈53	7°34	12°33	13° 3	9°23	27° 7	24°33	2°55	5°33	25°30	26°52	29°21	16°45	F 18
S 19	13 48 11	28°52'42	24°38	9°37	13°46	13° 7	9°31	27° 6	24°30	2°57	5°34	25°21	26°49	29°28	16°47	S 19
S 20	13 52 7	29°51'16	8♉ 6	11°38	15° 0	13°10	9°38	27° 5	24°28	2°59	5°35	25°12	26°46	29°34	16°50	S 20
M21	13 56 4	0♉49'47	21°14	13°36	16°14	13°12	9°45	27° 4	24°25	3° 1	5°36	25° 6	26°43	29°41	16°53	M21
T 22	14 0 0	1°48'17	4♊ 2	15°33	17°28	13°13	9°52	27° 3	24°22	3° 3	5°37	25° 1	26°40	29°48	16°56	T 22
W23	14 3 57	2°46'45	16°32	17°27	18°42	13°R14	9°58	27° 3	24°20	3° 5	5°39	24°59	26°36	29°54	16°59	W23
T 24	14 7 54	3°45'11	28°45	19°17	19°55	13°14	10° 5	27° 2	24°17	3° 7	5°40	24°D59	26°33	0♌ 1	17° 3	T 24
F 25	14 11 50	4°43'34	10♋46	21° 5	21° 9	13°13	10°12	27° 2	24°15	3° 9	5°41	25° 0	26°30	0° 8	17° 6	F 25
S 26	14 15 47	5°41'56	22°39	22°49	22°23	13°11	10°18	27° 1	24°12	3°11	5°42	25° 1	26°27	0°14	17° 9	S 26
S 27	14 19 43	6°40'15	4♌28	24°30	23°37	13° 9	10°24	27° 1	24°10	3°13	5°43	25°R 2	26°24	0°21	17°13	S 27
M28	14 23 40	7°38'33	16°20	26° 6	24°50	13° 6	10°30	27° 1	24° 7	3°15	5°45	25° 1	26°21	0°28	17°16	M28
T 29	14 27 36	8°36'48	28°19	27°39	26° 4	13° 2	10°36	27°D 1	24° 5	3°17	5°46	24°59	26°17	0°34	17°20	T 29
W30	14 31 33	9♉35'01	10♍31	29♉ 8	27♉17	12♐58	10♒41	27♌ 1	24♎ 2	3♊19	5♊47	24♊55	26♊14	0♌41	17♋24	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n27	18n31	4n 2	0s36	1s50	7n32	0s56	21s20	0n42	18s54	0s22	13n54	1n43	9s12	0n37	19n 5	1s36	9n43	11s39	23n26	23n26	23n11	15n29	7s 2
W 2	4 50	14 50	4 34	0n15	1 44	8 2	0 54	21 23	0 41	18 52	0 22	13 55	1 43	9 12	0 37	19 6	1 36	9 43	11 39	23 25	23 26	23 10	15 30	7 1
T 3	5 13	10 29	4 55	1 7	1 38	8 31	0 52	21 26	0 39	18 49	0 22	13 55	1 43	9 11	0 37	19 6	1 36	9 44	11 39	23 25	23 26	23 10	15 30	7 1
F 4	5 36	5 35	5 1	2 0	1 32	9 0	0 50	21 30	0 38	18 47	0 23	13 56	1 43	9 10	0 37	19 6	1 36	9 44	11 38	23 25	23 26	23 9	15 31	7 0
S 5	5 59	0 22	4 53	2 53	1 25	9 29	0 48	21 33	0 36	18 45	0 23	13 57	1 43	9 9	0 37	19 7	1 36	9 45	11 38	23 25	23 26	23 9	15 31	6 59
S 6	6 21	5s 0	4 29	3 47	1 17	9 57	0 46	21 36	0 35	18 43	0 23	13 58	1 43	9 8	0 37	19 7	1 36	9 45	11 38	23 24	23 26	23 8	15 32	6 59
M 7	6 44	10 13	3 50	4 42	1 9	10 25	0 44	21 39	0 33	18 41	0 23	13 59	1 42	9 7	0 37	19 7	1 36	9 45	11 38	23 24	23 26	23 7	15 32	6 58
T 8	7 6	15 3	2 57	5 37	1 1	10 54	0 42	21 42	0 32	18 39	0 23	13 59	1 42	9 6	0 37	19 8	1 36	9 46	11 37	23 24	23 26	23 7	15 33	6 57
W 9	7 29	19 9	1 53	6 32	0 52	11 21	0 40	21 45	0 30	18 37	0 23	14 0	1 42	9 5	0 37	19 8	1 36	9 46	11 37	23 24	23 26	23 6	15 33	6 57
T 10	7 51	22 13	0 42	7 28	0 42	11 49	0 38	21 48	0 28	18 34	0 24	14 1	1 42	9 4	0 37	19 9	1 36	9 46	11 37	23 24	23 26	23 6	15 33	6 56
F 11	8 13	23 58	0s32	8 24	0 33	12 16	0 36	21 51	0 27	18 32	0 24	14 1	1 42	9 3	0 37	19 9	1 36	9 47	11 37	23 24	23 26	23 5	15 34	6 56
S 12	8 35	24 13	1 45	9 20	0 23	12 43	0 33	21 54	0 25	18 30	0 24	14 2	1 42	9 2	0 37	19 9	1 36	9 47	11 37	23 24	23 25	23 4	15 34	6 55
S 13	8 57	22 55	2 52	10 16	0 12	13 10	0 31	21 57	0 23	18 28	0 24	14 2	1 42	9 1	0 37	19 10	1 36	9 48	11 36	23 24	23 25	23 4	15 35	6 54
M14	9 19	20 10	3 48	11 11	0 2	13 36	0 29	21 59	0 21	18 27	0 24	14 3	1 42	9 0	0 37	19 10	1 36	9 48	11 36	23 24	23 25	23 3	15 35	6 54
T 15	9 40	16 12	4 31	12 5	0n 9	14 2	0 27	22 2	0 19	18 25	0 25	14 3	1 42	8 59	0 37	19 10	1 35	9 48	11 36	23 23	23 25	23 2	15 35	6 53
W16	10 2	11 19	4 57	12 59	0 20	14 28	0 24	22 5	0 17	18 23	0 25	14 3	1 42	8 59	0 37	19 11	1 35	9 49	11 36	23 23	23 25	23 2	15 36	6 52
T 17	10 23	5 53	5 4	13 51	0 31	14 53	0 22	22 7	0 15	18 21	0 25	14 4	1 42	8 58	0 37	19 11	1 35	9 49	11 36	23 23	23 25	23 1	15 36	6 52
F 18	10 44	0 12	4 54	14 43	0 42	15 18	0 19	22 10	0 13	18 19	0 25	14 4	1 42	8 57	0 37	19 12	1 35	9 49	11 35	23 23	23 25	23 0	15 36	6 51
S 19	11 5	5n25	4 26	15 32	0 53	15 43	0 17	22 12	0 11	18 17	0 25	14 4	1 42	8 56	0 37	19 12	1 35	9 50	11 35	23 22	23 25	23 0	15 36	6 51
S 20	11 26	10 41	3 44	16 20	1 4	16 7	0 14	22 15	0 9	18 16	0 25	14 5	1 41	8 55	0 37	19 12	1 35	9 50	11 35	23 22	23 25	22 59	15 37	6 50
M21	11 46	15 20	2 51	17 7	1 14	16 31	0 12	22 17	0 6	18 14	0 26	14 5	1 41	8 54	0 37	19 13	1 35	9 50	11 35	23 22	23 25	22 58	15 37	6 49
T 22	12 7	19 10	1 50	17 51	1 24	16 54	0 10	22 20	0 4	18 12	0 26	14 5	1 41	8 53	0 37	19 13	1 35	9 51	11 35	23 22	23 25	22 58	15 37	6 49
W23	12 27	22 1	0 45	18 33	1 34	17 17	0 7	22 22	0 2	18 11	0 26	14 5	1 41	8 52	0 37	19 14	1 35	9 51	11 35	23 22	23 25	22 57	15 37	6 48
T 24	12 47	23 47	0n20	19 13	1 43	17 40	0 5	22 25	0s 1	18 9	0 26	14 5	1 41	8 51	0 37	19 14	1 35	9 52	11 34	23 21	23 25	22 56	15 38	6 48
F 25	13 6	24 25	1 24	19 50	1 51	18 2	0 2	22 27	0 3	18 7	0 26	14 5	1 41	8 50	0 37	19 15	1 35	9 52	11 34	23 22	23 24	22 55	15 38	6 47
S 26	13 26	23 55	2 24	20 25	1 59	18 23	0n 1	22 29	0 5	18 6	0 27	14 5	1 41	8 49	0 37	19 15	1 35	9 52	11 34	23 22	23 24	22 55	15 38	6 46
S 27	13 45	22 20	3 17	20 57	2 7	18 44	0 3	22 31	0 8	18 4	0 27	14 5	1 41	8 48	0 37	19 15	1 35	9 53	11 34	23 22	23 24	22 54	15 38	6 46
M28	14 4	19 47	4 2	21 27	2 13	19 5	0 6	22 34	0 11	18 3	0 27	14 5	1 41	8 47	0 37	19 16	1 35	9 53	11 34	23 22	23 24	22 53	15 38	6 45
T 29	14 23	16 23	4 36	21 54	2 19	19 25	0 8	22 36	0 13	18 2	0 27	14 5	1 41	8 47	0 37	19 16	1 35	9 53	11 34	23 22	23 24	22 52	15 38	6 45
W30	14n41	12n15	4n59	22n19	2n24	19n44	0n11	22s38	0s16	18s 0	0s27	14n 5	1n40	8s46	0n37	19n17	1s35	9n54	11s33	23n21	23n24	22n52	15n38	6s44

Julian Day Number = 2411458.5, Delta T = -3.94 sec
Ecliptic obliquity = 23°27'14, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°12'27, Lahiri = 22°19'28

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1890
geocentric

MAY 1890 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 35 29	10♉33'12	22♍57	0♊33	28♉31	12°R52	10♒47	27♌ 1	24°R 0	3♊21	5♊48	24°R49	26♊11	0♌48	17♋28	T 1
F 2	14 39 26	11°31'22	5♎43	1°53	29°45	12♐46	10°52	27° 1	23♎58	3°23	5°50	24♊42	26° 8	0°54	17°31	F 2
S 3	14 43 23	12°29'29	18°49	3°10	0♊58	12°40	10°57	27° 2	23°55	3°25	5°51	24°35	26° 5	1° 1	17°35	S 3
S 4	14 47 19	13°27'35	2♏14	4°22	2°12	12°32	11° 2	27° 2	23°53	3°27	5°52	24°28	26° 2	1° 8	17°39	S 4
M 5	14 51 16	14°25'39	15°57	5°29	3°25	12°24	11° 7	27° 3	23°50	3°30	5°53	24°23	25°58	1°14	17°44	M 5
T 6	14 55 12	15°23'41	29°56	6°32	4°38	12°15	11°12	27° 4	23°48	3°32	5°55	24°19	25°55	1°21	17°48	T 6
W 7	14 59 9	16°21'42	14♐ 5	7°30	5°52	12° 5	11°16	27° 5	23°46	3°34	5°56	24°17	25°52	1°28	17°52	W 7
T 8	15 3 5	17°19'41	28°21	8°24	7° 5	11°54	11°21	27° 5	23°43	3°36	5°57	24°D16	25°49	1°34	17°56	T 8
F 9	15 7 2	18°17'39	12♑40	9°13	8°18	11°43	11°25	27° 6	23°41	3°38	5°59	24°17	25°46	1°41	18° 1	F 9
S 10	15 10 58	19°15'36	26°58	9°57	9°32	11°31	11°29	27° 8	23°39	3°40	6° 0	24°19	25°42	1°48	18° 5	S 10
S 11	15 14 55	20°13'31	11♒13	10°36	10°45	11°18	11°33	27° 9	23°37	3°43	6° 1	24°20	25°39	1°54	18°10	S 11
M12	15 18 52	21°11'25	25°23	11°11	11°58	11° 5	11°36	27°10	23°35	3°45	6° 3	24°R20	25°36	2° 1	18°14	M12
T 13	15 22 48	22° 9'18	9♓25	11°40	13°11	10°51	11°40	27°12	23°32	3°47	6° 4	24°19	25°33	2° 8	18°19	T 13
W14	15 26 45	23° 7'10	23°18	12° 5	14°25	10°36	11°43	27°13	23°30	3°49	6° 5	24°16	25°30	2°14	18°24	W14
T 15	15 30 41	24° 5'00	7♈ 2	12°25	15°38	10°21	11°46	27°15	23°28	3°51	6° 7	24°13	25°27	2°21	18°28	T 15
F 16	15 34 38	25° 2'49	20°33	12°39	16°51	10° 5	11°49	27°17	23°26	3°54	6° 8	24° 8	25°23	2°28	18°33	F 16
S 17	15 38 34	26° 0'37	3♉52	12°49	18° 4	9°48	11°52	27°18	23°24	3°56	6° 9	24° 4	25°20	2°34	18°38	S 17
S 18	15 42 31	26°58'24	16°56	12°54	19°17	9°31	11°54	27°20	23°22	3°58	6°11	24° 0	25°17	2°41	18°43	S 18
M19	15 46 27	27°56'09	29°45	12°R54	20°30	9°14	11°57	27°23	23°20	4° 0	6°12	23°57	25°14	2°48	18°48	M19
T 20	15 50 24	28°53'53	12♊19	12°50	21°43	8°56	11°59	27°25	23°18	4° 3	6°13	23°55	25°11	2°54	18°53	T 20
W21	15 54 21	29°51'36	24°38	12°41	22°56	8°37	12° 1	27°27	23°16	4° 5	6°15	23°D55	25° 8	3° 1	18°58	W21
T 22	15 58 17	0♊49'17	6♋46	12°27	24° 9	8°18	12° 2	27°29	23°14	4° 7	6°16	23°55	25° 4	3° 8	19° 4	T 22
F 23	16 2 14	1°46'57	18°44	12°10	25°22	7°59	12° 4	27°32	23°13	4° 9	6°17	23°56	25° 1	3°14	19° 9	F 23
S 24	16 6 10	2°44'35	0♌36	11°49	26°35	7°40	12° 5	27°34	23°11	4°12	6°19	23°58	24°58	3°21	19°14	S 24
S 25	16 10 7	3°42'12	12°26	11°25	27°48	7°20	12° 7	27°37	23° 9	4°14	6°20	24° 0	24°55	3°28	19°20	S 25
M26	16 14 3	4°39'48	24°18	10°58	29° 1	7° 0	12° 8	27°40	23° 7	4°16	6°21	24° 1	24°52	3°34	19°25	M26
T 27	16 18 0	5°37'22	6♍17	10°28	0♋13	6°39	12° 9	27°43	23° 6	4°18	6°23	24°R 1	24°48	3°41	19°31	T 27
W28	16 21 56	6°34'55	18°28	9°57	1°26	6°19	12° 9	27°46	23° 4	4°21	6°24	24° 0	24°45	3°48	19°36	W28
T 29	16 25 53	7°32'26	0♎55	9°24	2°39	5°58	12°10	27°49	23° 2	4°23	6°26	23°59	24°42	3°54	19°42	T 29
F 30	16 29 50	8°29'56	13°42	8°51	3°52	5°38	12°10	27°52	23° 1	4°25	6°27	23°58	24°39	4° 1	19°47	F 30
S 31	16 33 46	9♊27'24	26♎52	8♊17	5♋ 4	5♐17	12°R10	27♌55	22♎59	4♊27	6♊28	23♊56	24♊36	4♌ 8	19♋53	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 0	7n31	5n 9	22n42	2n28	20n 4	0n13	22s40	0s19	17s59	0s28	14n 5	1n40	8s45	0n37	19n17	1s35	9n54	11s33	23n21	23n24	22n51	15n38	6s44
F 2	15 18	2 22	5 3	23 2	2 31	20 22	0 16	22 42	0 21	17 58	0 28	14 5	1 40	8 44	0 37	19 17	1 35	9 54	11 33	23 21	23 24	22 50	15 39	6 43
S 3	15 36	3s 1	4 42	23 19	2 34	20 40	0 19	22 44	0 24	17 56	0 28	14 5	1 40	8 43	0 37	19 18	1 35	9 55	11 33	23 21	23 24	22 49	15 39	6 42
S 4	15 53	8 25	4 5	23 34	2 35	20 57	0 21	22 45	0 27	17 55	0 28	14 4	1 40	8 42	0 37	19 18	1 35	9 55	11 33	23 20	23 24	22 49	15 39	6 42
M 5	16 11	13 33	3 13	23 47	2 36	21 14	0 24	22 47	0 30	17 54	0 28	14 4	1 40	8 41	0 37	19 19	1 35	9 55	11 33	23 20	23 24	22 48	15 39	6 41
T 6	16 28	18 3	2 8	23 58	2 35	21 30	0 26	22 49	0 33	17 53	0 29	14 4	1 40	8 41	0 37	19 19	1 35	9 56	11 33	23 20	23 23	22 47	15 39	6 41
W 7	16 44	21 35	0 55	24 6	2 34	21 46	0 29	22 51	0 36	17 52	0 29	14 3	1 40	8 40	0 37	19 20	1 35	9 56	11 33	23 20	23 23	22 46	15 39	6 40
T 8	17 1	23 49	0s22	24 12	2 31	22 1	0 31	22 52	0 39	17 51	0 29	14 3	1 40	8 39	0 37	19 20	1 35	9 56	11 32	23 20	23 23	22 45	15 39	6 40
F 9	17 17	24 29	1 39	24 16	2 27	22 16	0 34	22 54	0 42	17 50	0 29	14 2	1 39	8 38	0 37	19 20	1 35	9 57	11 32	23 20	23 23	22 45	15 39	6 39
S 10	17 33	23 32	2 49	24 18	2 23	22 29	0 36	22 55	0 45	17 49	0 29	14 2	1 39	8 37	0 37	19 21	1 35	9 57	11 32	23 20	23 23	22 44	15 38	6 39
S 11	17 49	21 5	3 48	24 19	2 17	22 43	0 39	22 57	0 48	17 48	0 30	14 1	1 39	8 36	0 37	19 21	1 35	9 57	11 32	23 20	23 23	22 43	15 38	6 38
M12	18 4	17 22	4 34	24 17	2 10	22 55	0 41	22 58	0 51	17 47	0 30	14 1	1 39	8 36	0 37	19 22	1 35	9 58	11 32	23 20	23 23	22 42	15 38	6 38
T 13	18 19	12 42	5 2	24 13	2 3	23 7	0 44	22 59	0 55	17 47	0 30	14 0	1 39	8 35	0 36	19 22	1 35	9 58	11 32	23 20	23 23	22 41	15 38	6 37
W14	18 34	7 26	5 12	24 8	1 54	23 18	0 46	23 0	0 58	17 46	0 30	14 0	1 39	8 34	0 36	19 23	1 35	9 58	11 32	23 20	23 23	22 41	15 38	6 37
T 15	18 48	1 52	5 5	24 1	1 44	23 29	0 49	23 1	1 1	17 45	0 30	13 59	1 39	8 33	0 36	19 23	1 35	9 58	11 32	23 20	23 23	22 40	15 38	6 36
F 16	19 2	3n42	4 40	23 52	1 33	23 39	0 51	23 2	1 4	17 45	0 31	13 58	1 39	8 33	0 36	19 23	1 35	9 59	11 32	23 19	23 22	22 39	15 38	6 36
S 17	19 16	9 2	4 1	23 41	1 21	23 48	0 53	23 3	1 8	17 44	0 31	13 57	1 39	8 32	0 36	19 24	1 35	9 59	11 32	23 19	23 22	22 38	15 38	6 35
S 18	19 30	13 53	3 9	23 29	1 8	23 57	0 56	23 4	1 11	17 44	0 31	13 57	1 39	8 31	0 36	19 24	1 35	9 59	11 31	23 19	23 22	22 37	15 37	6 35
M19	19 43	18 0	2 9	23 16	0 54	24 5	0 58	23 4	1 14	17 43	0 31	13 56	1 38	8 30	0 36	19 25	1 35	10 0	11 31	23 19	23 22	22 36	15 37	6 35
T 20	19 56	21 14	1 3	23 0	0 40	24 12	1 0	23 5	1 18	17 43	0 31	13 55	1 38	8 30	0 36	19 25	1 35	10 0	11 31	23 19	23 22	22 35	15 37	6 34
W21	20 8	23 25	0n 4	22 44	0 24	24 18	1 3	23 5	1 21	17 42	0 32	13 54	1 38	8 29	0 36	19 26	1 35	10 0	11 31	23 19	23 22	22 34	15 37	6 34
T 22	20 20	24 27	1 10	22 27	0 8	24 24	1 5	23 5	1 24	17 42	0 32	13 53	1 38	8 28	0 36	19 26	1 35	10 1	11 31	23 19	23 22	22 34	15 36	6 33
F 23	20 32	24 20	2 13	22 8	0s 8	24 29	1 7	23 6	1 28	17 42	0 32	13 52	1 38	8 28	0 36	19 26	1 35	10 1	11 31	23 19	23 22	22 33	15 36	6 33
S 24	20 43	23 6	3 9	21 48	0 25	24 34	1 9	23 6	1 31	17 42	0 32	13 51	1 38	8 27	0 36	19 27	1 35	10 1	11 31	23 19	23 21	22 32	15 36	6 32
S 25	20 54	20 52	3 57	21 28	0 42	24 37	1 11	23 6	1 34	17 42	0 33	13 50	1 38	8 27	0 36	19 27	1 35	10 1	11 31	23 19	23 21	22 31	15 35	6 32
M26	21 5	17 44	4 35	21 7	1 0	24 40	1 13	23 6	1 37	17 42	0 33	13 49	1 38	8 26	0 36	19 28	1 35	10 2	11 31	23 19	23 21	22 30	15 35	6 32
T 27	21 15	13 52	5 1	20 45	1 17	24 42	1 15	23 5	1 41	17 42	0 33	13 48	1 38	8 25	0 36	19 28	1 35	10 2	11 31	23 19	23 21	22 29	15 35	6 31
W28	21 25	9 23	5 14	20 24	1 35	24 44	1 17	23 5	1 44	17 42	0 33	13 47	1 38	8 25	0 36	19 28	1 35	10 2	11 31	23 19	23 21	22 28	15 34	6 31
T 29	21 35	4 26	5 14	20 2	1 52	24 45	1 19	23 5	1 47	17 42	0 33	13 46	1 37	8 24	0 36	19 29	1 35	10 2	11 31	23 19	23 21	22 27	15 34	6 30
F 30	21 44	0s50	4 57	19 40	2 9	24 45	1 21	23 4	1 50	17 42	0 34	13 45	1 37	8 24	0 36	19 29	1 35	10 3	11 31	23 19	23 21	22 26	15 34	6 30
S 31	21n53	6s14	4n25	19n19	2s25	24n44	1n23	23s 3	1s54	17s42	0s34	13n44	1n37	8s23	0n36	19n30	1s35	10n 3	11s31	23n19	23n21	22n25	15n33	6s30

Julian Day Number = 2411488.5, Delta T = -3.95 sec
Ecliptic obliquity = 23°27'14, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°12'31, Lahiri = 22°19'32

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ASTRODIENST EPHEMERIS for the year 1890
geocentric

JUNE 1890 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 37 43	10♊24'52	10♏25	7°R44	6♋17	4°R57	12°R10	27♌58	22°R58	4♊30	6♊30	23°R54	24♊33	4♌14	19♋59	S 1
M 2	16 41 39	11°22'18	24°21	7♊11	7°29	4♐36	12♒10	28° 2	22♎56	4°32	6°31	23♊52	24°29	4°21	20° 5	M 2
T 3	16 45 36	12°19'43	8♐38	6°41	8°42	4°16	12° 9	28° 5	22°55	4°34	6°32	23°51	24°26	4°28	20°10	T 3
W 4	16 49 32	13°17'08	23°10	6°12	9°55	3°56	12° 8	28° 9	22°54	4°36	6°34	23°D51	24°23	4°34	20°16	W 4
T 5	16 53 29	14°14'32	7♑52	5°45	11° 7	3°36	12° 8	28°12	22°52	4°39	6°35	23°51	24°20	4°41	20°22	T 5
F 6	16 57 26	15°11'54	22°37	5°22	12°19	3°16	12° 7	28°16	22°51	4°41	6°36	23°52	24°17	4°48	20°28	F 6
S 7	17 1 22	16° 9'17	7♒18	5° 2	13°32	2°56	12° 5	28°20	22°50	4°43	6°38	23°53	24°14	4°55	20°34	S 7
S 8	17 5 19	17° 6'38	21°50	4°46	14°44	2°37	12° 4	28°24	22°49	4°45	6°39	23°53	24°10	5° 1	20°40	S 8
M 9	17 9 15	18° 3'59	6♓ 9	4°33	15°57	2°19	12° 2	28°28	22°48	4°47	6°40	23°54	24° 7	5° 8	20°46	M 9
T 10	17 13 12	19° 1'20	20°12	4°25	17° 9	2° 0	12° 0	28°32	22°47	4°50	6°42	23°R54	24° 4	5°15	20°53	T 10
W11	17 17 8	19°58'40	3♈57	4°D21	18°21	1°42	11°58	28°36	22°46	4°52	6°43	23°54	24° 1	5°21	20°59	W11
T 12	17 21 5	20°55'59	17°26	4°21	19°33	1°25	11°56	28°40	22°45	4°54	6°45	23°53	23°58	5°28	21° 5	T 12
F 13	17 25 1	21°53'18	0♉37	4°26	20°45	1° 8	11°54	28°45	22°44	4°56	6°46	23°53	23°54	5°35	21°11	F 13
S 14	17 28 58	22°50'37	13°34	4°36	21°58	0°52	11°51	28°49	22°43	4°58	6°47	23°53	23°51	5°41	21°18	S 14
S 15	17 32 55	23°47'56	26°16	4°50	23°10	0°36	11°49	28°54	22°42	5° 0	6°48	23°D53	23°48	5°48	21°24	S 15
M16	17 36 51	24°45'14	8♊45	5° 9	24°22	0°21	11°46	28°58	22°41	5° 3	6°50	23°53	23°45	5°55	21°30	M16
T 17	17 40 48	25°42'32	21° 3	5°32	25°34	0° 6	11°42	29° 3	22°40	5° 5	6°51	23°R53	23°42	6° 1	21°37	T 17
W18	17 44 44	26°39'49	3♋11	6° 0	26°46	29♏52	11°39	29° 8	22°40	5° 7	6°52	23°53	23°39	6° 8	21°43	W18
T 19	17 48 41	27°37'05	15°11	6°32	27°58	29°39	11°36	29°12	22°39	5° 9	6°54	23°53	23°35	6°15	21°50	T 19
F 20	17 52 37	28°34'21	27° 5	7° 8	29°10	29°27	11°32	29°17	22°39	5°11	6°55	23°52	23°32	6°21	21°56	F 20
S 21	17 56 34	29°31'37	8♌55	7°49	0♌22	29°15	11°28	29°22	22°38	5°13	6°56	23°52	23°29	6°28	22° 3	S 21
S 22	18 0 30	0♋28'52	20°44	8°35	1°33	29° 5	11°24	29°27	22°38	5°15	6°58	23°51	23°26	6°35	22° 9	S 22
M23	18 4 27	1°26'06	2♍37	9°24	2°45	28°55	11°20	29°32	22°37	5°17	6°59	23°50	23°23	6°41	22°16	M23
T 24	18 8 24	2°23'20	14°35	10°18	3°57	28°45	11°16	29°38	22°37	5°19	7° 0	23°49	23°20	6°48	22°22	T 24
W25	18 12 20	3°20'33	26°45	11°15	5° 9	28°37	11°11	29°43	22°36	5°21	7° 1	23°49	23°16	6°55	22°29	W25
T 26	18 16 17	4°17'46	9♎ 9	12°17	6°20	28°30	11° 7	29°48	22°36	5°23	7° 3	23°D49	23°13	7° 1	22°36	T 26
F 27	18 20 13	5°14'58	21°53	13°23	7°32	28°23	11° 2	29°53	22°36	5°25	7° 4	23°49	23°10	7° 8	22°42	F 27
S 28	18 24 10	6°12'10	4♏59	14°32	8°43	28°17	10°57	29°59	22°36	5°27	7° 5	23°50	23° 7	7°15	22°49	S 28
S 29	18 28 6	7° 9'21	18°31	15°46	9°55	28°12	10°52	0♍ 4	22°36	5°29	7° 6	23°51	23° 4	7°21	22°56	S 29
M30	18 32 3	8♋ 6'32	2♐29	17♊ 3	11♌ 6	28♏ 8	10♒46	0♍10	22♎36	5♊31	7♊ 7	23♊52	23♊ 0	7♌28	23♋ 2	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 1	11s30	3n38	18n59	2s40	24n43	1n25	23s 3	1s57	17s42	0s34	13n42	1n37	8s23	0n36	19n30	1s35	10n 3	11s31	23n19	23n20	22n24	15n33	6s29
M 2	22 9	16 21	2 36	18 39	2 54	24 41	1 26	23 2	2 0	17 43	0 34	13 41	1 37	8 22	0 36	19 31	1 35	10 3	11 31	23 19	23 20	22 23	15 32	6 29
T 3	22 17	20 23	1 23	18 21	3 8	24 38	1 28	23 1	2 3	17 43	0 35	13 40	1 37	8 22	0 36	19 31	1 35	10 4	11 31	23 19	23 20	22 22	15 32	6 29
W 4	22 24	23 13	0 4	18 4	3 20	24 34	1 30	23 0	2 6	17 43	0 35	13 38	1 37	8 21	0 36	19 31	1 35	10 4	11 31	23 19	23 20	22 21	15 31	6 28
T 5	22 31	24 30	1s17	17 49	3 31	24 30	1 31	22 59	2 9	17 44	0 35	13 37	1 37	8 21	0 36	19 32	1 35	10 4	11 31	23 19	23 20	22 20	15 31	6 28
F 6	22 38	24 4	2 33	17 35	3 41	24 25	1 33	22 58	2 12	17 44	0 35	13 36	1 37	8 20	0 36	19 32	1 35	10 4	11 31	23 19	23 20	22 19	15 30	6 28
S 7	22 44	21 58	3 38	17 23	3 50	24 19	1 34	22 57	2 14	17 45	0 35	13 34	1 37	8 20	0 36	19 33	1 35	10 4	11 31	23 19	23 20	22 18	15 30	6 27
S 8	22 50	18 29	4 29	17 13	3 57	24 13	1 35	22 56	2 17	17 45	0 36	13 33	1 36	8 19	0 36	19 33	1 35	10 5	11 31	23 19	23 20	22 17	15 29	6 27
M 9	22 55	13 56	5 2	17 5	4 3	24 6	1 37	22 55	2 20	17 46	0 36	13 31	1 36	8 19	0 36	19 33	1 35	10 5	11 31	23 19	23 19	22 16	15 28	6 27
T 10	23 0	8 44	5 17	16 58	4 8	23 58	1 38	22 54	2 23	17 47	0 36	13 30	1 36	8 19	0 36	19 34	1 35	10 5	11 31	23 19	23 19	22 15	15 28	6 26
W11	23 4	3 12	5 12	16 54	4 12	23 50	1 39	22 53	2 25	17 48	0 36	13 28	1 36	8 18	0 36	19 34	1 35	10 5	11 31	23 19	23 19	22 14	15 27	6 26
T 12	23 9	2n22	4 51	16 52	4 14	23 41	1 40	22 52	2 28	17 48	0 37	13 27	1 36	8 18	0 36	19 34	1 35	10 5	11 31	23 19	23 19	22 13	15 27	6 26
F 13	23 12	7 43	4 14	16 52	4 15	23 31	1 41	22 51	2 30	17 49	0 37	13 25	1 36	8 18	0 36	19 35	1 35	10 6	11 31	23 19	23 19	22 12	15 26	6 26
S 14	23 16	12 39	3 26	16 54	4 15	23 21	1 42	22 50	2 32	17 50	0 37	13 23	1 36	8 17	0 36	19 35	1 35	10 6	11 31	23 19	23 19	22 11	15 25	6 25
S 15	23 18	16 56	2 27	16 57	4 13	23 10	1 43	22 48	2 35	17 51	0 37	13 22	1 36	8 17	0 35	19 36	1 35	10 6	11 31	23 19	23 19	22 10	15 24	6 25
M16	23 21	20 24	1 23	17 3	4 11	22 58	1 44	22 47	2 37	17 52	0 38	13 20	1 36	8 17	0 35	19 36	1 35	10 6	11 31	23 19	23 18	22 9	15 24	6 25
T 17	23 23	22 53	0 16	17 10	4 8	22 45	1 45	22 46	2 39	17 53	0 38	13 18	1 36	8 17	0 35	19 36	1 35	10 6	11 31	23 19	23 18	22 8	15 23	6 25
W18	23 25	24 16	0n51	17 19	4 4	22 32	1 45	22 45	2 41	17 55	0 38	13 17	1 36	8 16	0 35	19 37	1 35	10 6	11 31	23 19	23 18	22 7	15 22	6 24
T 19	23 26	24 30	1 55	17 30	3 58	22 19	1 46	22 45	2 43	17 56	0 38	13 15	1 36	8 16	0 35	19 37	1 35	10 7	11 31	23 19	23 18	22 6	15 22	6 24
F 20	23 27	23 36	2 54	17 42	3 53	22 5	1 47	22 44	2 45	17 57	0 38	13 13	1 35	8 16	0 35	19 37	1 35	10 7	11 31	23 19	23 18	22 5	15 21	6 24
S 21	23 27	21 39	3 45	17 55	3 46	21 50	1 47	22 43	2 47	17 58	0 39	13 11	1 35	8 16	0 35	19 38	1 35	10 7	11 31	23 19	23 18	22 4	15 20	6 24
S 22	23 27	18 47	4 26	18 9	3 38	21 34	1 47	22 42	2 49	18 0	0 39	13 9	1 35	8 16	0 35	19 38	1 35	10 7	11 31	23 19	23 17	22 3	15 19	6 24
M23	23 27	15 8	4 55	18 25	3 30	21 18	1 48	22 42	2 50	18 1	0 39	13 8	1 35	8 16	0 35	19 38	1 35	10 7	11 31	23 19	23 17	22 2	15 18	6 23
T 24	23 26	10 53	5 13	18 41	3 21	21 2	1 48	22 41	2 52	18 2	0 39	13 6	1 35	8 16	0 35	19 39	1 35	10 7	11 31	23 19	23 17	22 1	15 17	6 23
W25	23 25	6 8	5 16	18 59	3 12	20 44	1 48	22 41	2 53	18 4	0 40	13 4	1 35	8 15	0 35	19 39	1 35	10 7	11 31	23 19	23 17	22 0	15 17	6 23
T 26	23 23	1 3	5 6	19 17	3 2	20 27	1 48	22 41	2 55	18 5	0 40	13 2	1 35	8 15	0 35	19 39	1 35	10 8	11 31	23 19	23 17	21 59	15 16	6 23
F 27	23 21	4s12	4 40	19 35	2 51	20 8	1 48	22 40	2 56	18 7	0 40	13 0	1 35	8 15	0 35	19 40	1 35	10 8	11 32	23 19	23 17	21 57	15 15	6 23
S 28	23 19	9 26	3 59	19 54	2 40	19 50	1 48	22 40	2 58	18 8	0 40	12 58	1 35	8 15	0 35	19 40	1 35	10 8	11 32	23 19	23 16	21 56	15 14	6 23
S 29	23 16	14 24	3 3	20 13	2 29	19 30	1 48	22 41	2 59	18 10	0 40	12 56	1 35	8 15	0 35	19 40	1 35	10 8	11 32	23 19	23 16	21 55	15 13	6 22
M30	23n12	18s47	1n56	20n33	2s17	19n10	1n48	22s41	3s 0	18s12	0s41	12n54	1n35	8s15	0n35	19n41	1s35	10n 8	11s32	23n19	23n16	21n54	15n12	6s22

Julian Day Number = 2411519.5, Delta T = -3.96 sec
Ecliptic obliquity = 23°27'13, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°12'36, Lahiri = 22°19'36

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ASTRODIENST EPHEMERIS for the year 1890
geocentric

JULY 1890 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 35 59	9♋ 3'43	16♐53	18♊24	12♌18	28°R 4	10°R41	0♍16	22°D36	5♊33	7♊ 9	23°R53	22♊57	7♌35	23♋ 9	T 1
W 2	18 39 56	10° 0'54	1♑37	19°49	13°29	28♏ 2	10♒36	0°21	22♎36	5°35	7°10	23♊53	22°54	7°42	23°16	W 2
T 3	18 43 53	10°58'05	16°37	21°17	14°40	28° 0	10°30	0°27	22°36	5°37	7°11	23°52	22°51	7°48	23°23	T 3
F 4	18 47 49	11°55'15	1♒43	22°49	15°51	27°59	10°24	0°33	22°36	5°39	7°12	23°50	22°48	7°55	23°30	F 4
S 5	18 51 46	12°52'26	16°47	24°25	17° 2	27°D59	10°18	0°39	22°36	5°41	7°13	23°48	22°45	8° 2	23°36	S 5
S 6	18 55 42	13°49'37	1♓39	26° 4	18°14	28° 0	10°12	0°45	22°36	5°43	7°14	23°45	22°41	8° 8	23°43	S 6
M 7	18 59 39	14°46'48	16°13	27°47	19°25	28° 1	10° 6	0°51	22°37	5°45	7°16	23°43	22°38	8°15	23°50	M 7
T 8	19 3 35	15°44'00	0♈25	29°32	20°36	28° 4	9°59	0°57	22°37	5°46	7°17	23°42	22°35	8°22	23°57	T 8
W 9	19 7 32	16°41'12	14°13	1♋21	21°46	28° 7	9°53	1° 3	22°37	5°48	7°18	23°D41	22°32	8°28	24° 4	W 9
T 10	19 11 28	17°38'24	27°36	3°13	22°57	28°11	9°46	1° 9	22°38	5°50	7°19	23°41	22°29	8°35	24°11	T 10
F 11	19 15 25	18°35'37	10♉38	5° 8	24° 8	28°16	9°40	1°15	22°38	5°52	7°20	23°42	22°26	8°42	24°18	F 11
S 12	19 19 22	19°32'51	23°20	7° 5	25°19	28°22	9°33	1°21	22°39	5°54	7°21	23°44	22°22	8°48	24°25	S 12
S 13	19 23 18	20°30'05	5♊47	9° 5	26°30	28°28	9°26	1°28	22°40	5°55	7°22	23°45	22°19	8°55	24°32	S 13
M14	19 27 15	21°27'20	18° 1	11° 7	27°40	28°35	9°19	1°34	22°40	5°57	7°23	23°R46	22°16	9° 2	24°39	M14
T 15	19 31 11	22°24'35	0♋ 6	13°10	28°51	28°43	9°12	1°41	22°41	5°59	7°24	23°46	22°13	9° 8	24°45	T 15
W16	19 35 8	23°21'51	12° 4	15°15	0♍ 1	28°52	9° 5	1°47	22°42	6° 0	7°25	23°45	22°10	9°15	24°52	W16
T 17	19 39 4	24°19'07	23°57	17°21	1°12	29° 1	8°58	1°54	22°43	6° 2	7°26	23°42	22° 6	9°22	24°59	T 17
F 18	19 43 1	25°16'24	5♌47	19°29	2°22	29°11	8°50	2° 0	22°44	6° 4	7°27	23°38	22° 3	9°29	25° 6	F 18
S 19	19 46 57	26°13'41	17°37	21°36	3°32	29°22	8°43	2° 7	22°44	6° 5	7°28	23°32	22° 0	9°35	25°13	S 19
S 20	19 50 54	27°10'58	29°27	23°44	4°43	29°34	8°35	2°13	22°45	6° 7	7°29	23°26	21°57	9°42	25°20	S 20
M21	19 54 51	28° 8'16	11♍22	25°52	5°53	29°46	8°28	2°20	22°46	6° 8	7°30	23°21	21°54	9°49	25°27	M21
T 22	19 58 47	29° 5'34	23°23	28° 0	7° 3	29°59	8°20	2°27	22°48	6°10	7°31	23°15	21°51	9°55	25°34	T 22
W23	20 2 44	0♌ 2'52	5♎33	0♌ 7	8°13	0♐13	8°13	2°34	22°49	6°11	7°32	23°11	21°47	10° 2	25°41	W23
T 24	20 6 40	1° 0'11	17°56	2°13	9°23	0°27	8° 5	2°40	22°50	6°13	7°33	23° 9	21°44	10° 9	25°48	T 24
F 25	20 10 37	1°57'31	0♏36	4°19	10°33	0°42	7°57	2°47	22°51	6°14	7°34	23°D 8	21°41	10°15	25°55	F 25
S 26	20 14 33	2°54'50	13°37	6°23	11°42	0°58	7°50	2°54	22°52	6°16	7°34	23° 8	21°38	10°22	26° 2	S 26
S 27	20 18 30	3°52'11	27° 1	8°26	12°52	1°14	7°42	3° 1	22°54	6°17	7°35	23°10	21°35	10°29	26° 9	S 27
M28	20 22 26	4°49'32	10♐52	10°28	14° 2	1°31	7°34	3° 8	22°55	6°18	7°36	23°11	21°32	10°35	26°16	M28
T 29	20 26 23	5°46'53	25°11	12°29	15°11	1°49	7°26	3°15	22°57	6°20	7°37	23°R11	21°28	10°42	26°23	T 29
W30	20 30 20	6°44'15	9♑54	14°28	16°20	2° 7	7°19	3°22	22°58	6°21	7°38	23°10	21°25	10°49	26°30	W30
T 31	20 34 16	7♌41'38	24♑57	16♌25	17♍30	2♐26	7♒11	3♍29	23♎ 0	6♊22	7♊38	23♊ 7	21♊22	10♌56	26♋37	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 9	22s10	0n39	20n52	2s 5	18n50	1n47	22s41	3s 1	18s13	0s41	12n52	1n35	8s15	0n35	19n41	1s35	10n 8	11s32	23n19	23n16	21n53	15n11	6s22
W 2	23 5	24 9	0s43	21 11	1 53	18 29	1 47	22 42	3 2	18 15	0 41	12 50	1 35	8 15	0 35	19 41	1 35	10 8	11 32	23 19	23 16	21 52	15 10	6 22
T 3	23 0	24 27	2 2	21 29	1 41	18 8	1 46	22 42	3 3	18 17	0 41	12 48	1 35	8 15	0 35	19 42	1 35	10 8	11 32	23 19	23 16	21 51	15 9	6 22
F 4	22 55	22 56	3 14	21 47	1 28	17 46	1 46	22 43	3 4	18 18	0 41	12 46	1 35	8 16	0 35	19 42	1 35	10 8	11 32	23 19	23 15	21 50	15 8	6 22
S 5	22 50	19 49	4 12	22 5	1 16	17 24	1 45	22 44	3 5	18 20	0 42	12 43	1 35	8 16	0 35	19 42	1 35	10 8	11 32	23 19	23 15	21 48	15 7	6 22
S 6	22 44	15 26	4 52	22 21	1 3	17 2	1 44	22 45	3 6	18 22	0 42	12 41	1 34	8 16	0 35	19 43	1 35	10 8	11 32	23 18	23 15	21 47	15 6	6 22
M 7	22 38	10 14	5 12	22 36	0 50	16 38	1 43	22 46	3 7	18 24	0 42	12 39	1 34	8 16	0 35	19 43	1 35	10 9	11 33	23 18	23 15	21 46	15 5	6 22
T 8	22 32	4 37	5 13	22 49	0 38	16 15	1 42	22 47	3 8	18 26	0 42	12 37	1 34	8 16	0 35	19 43	1 35	10 9	11 33	23 18	23 15	21 45	15 4	6 21
W 9	22 25	1n 4	4 55	23 1	0 25	15 51	1 41	22 49	3 8	18 28	0 42	12 35	1 34	8 16	0 35	19 44	1 35	10 9	11 33	23 18	23 15	21 44	15 3	6 21
T 10	22 17	6 33	4 22	23 12	0 13	15 27	1 40	22 50	3 9	18 30	0 43	12 32	1 34	8 17	0 35	19 44	1 35	10 9	11 33	23 18	23 14	21 42	15 2	6 21
F 11	22 10	11 36	3 35	23 20	0 1	15 2	1 39	22 52	3 9	18 32	0 43	12 30	1 34	8 17	0 34	19 44	1 35	10 9	11 33	23 18	23 14	21 41	15 1	6 21
S 12	22 2	16 3	2 40	23 26	0n10	14 37	1 37	22 54	3 10	18 34	0 43	12 28	1 34	8 17	0 34	19 44	1 35	10 9	11 33	23 18	23 14	21 40	15 0	6 21
S 13	21 53	19 41	1 37	23 30	0 21	14 12	1 36	22 55	3 11	18 36	0 43	12 26	1 34	8 17	0 34	19 45	1 35	10 9	11 33	23 18	23 14	21 39	14 58	6 21
M14	21 45	22 23	0 32	23 31	0 32	13 46	1 35	22 58	3 11	18 38	0 43	12 23	1 34	8 18	0 34	19 45	1 35	10 9	11 33	23 18	23 14	21 38	14 57	6 21
T 15	21 35	24 2	0n35	23 30	0 42	13 20	1 33	23 0	3 11	18 40	0 44	12 21	1 34	8 18	0 34	19 45	1 35	10 9	11 33	23 18	23 13	21 36	14 56	6 21
W16	21 26	24 33	1 39	23 26	0 51	12 54	1 31	23 2	3 12	18 42	0 44	12 19	1 34	8 18	0 34	19 45	1 35	10 9	11 34	23 18	23 13	21 35	14 55	6 21
T 17	21 16	23 55	2 38	23 19	1 0	12 27	1 29	23 4	3 12	18 44	0 44	12 16	1 34	8 19	0 34	19 46	1 35	10 9	11 34	23 18	23 13	21 34	14 54	6 21
F 18	21 6	22 13	3 30	23 10	1 8	12 0	1 28	23 7	3 12	18 46	0 44	12 14	1 34	8 19	0 34	19 46	1 35	10 9	11 34	23 18	23 13	21 33	14 52	6 21
S 19	20 55	19 34	4 12	22 58	1 16	11 33	1 26	23 10	3 12	18 48	0 44	12 11	1 34	8 19	0 34	19 46	1 36	10 9	11 34	23 18	23 13	21 31	14 51	6 21
S 20	20 44	16 6	4 44	22 43	1 22	11 5	1 24	23 12	3 13	18 50	0 44	12 9	1 34	8 20	0 34	19 46	1 36	10 9	11 34	23 17	23 13	21 30	14 50	6 21
M21	20 33	11 59	5 4	22 25	1 28	10 37	1 21	23 15	3 13	18 52	0 45	12 7	1 34	8 20	0 34	19 47	1 36	10 9	11 34	23 17	23 12	21 29	14 49	6 21
T 22	20 21	7 23	5 11	22 6	1 33	10 9	1 19	23 18	3 13	18 55	0 45	12 4	1 34	8 21	0 34	19 47	1 36	10 9	11 35	23 17	23 12	21 28	14 47	6 21
W23	20 9	2 26	5 4	21 43	1 37	9 41	1 17	23 21	3 13	18 57	0 45	12 2	1 34	8 21	0 34	19 47	1 36	10 9	11 35	23 17	23 12	21 26	14 46	6 21
T 24	19 57	2s41	4 42	21 19	1 41	9 13	1 15	23 24	3 13	18 59	0 45	11 59	1 34	8 21	0 34	19 47	1 36	10 9	11 35	23 17	23 12	21 25	14 45	6 21
F 25	19 44	7 50	4 7	20 52	1 43	8 44	1 12	23 27	3 13	19 1	0 45	11 57	1 34	8 22	0 34	19 47	1 36	10 9	11 35	23 17	23 12	21 24	14 44	6 21
S 26	19 31	12 47	3 18	20 23	1 45	8 15	1 10	23 31	3 13	19 3	0 45	11 54	1 34	8 22	0 34	19 48	1 36	10 9	11 35	23 17	23 11	21 23	14 42	6 21
S 27	19 18	17 17	2 17	19 53	1 46	7 46	1 7	23 34	3 13	19 5	0 45	11 52	1 34	8 23	0 34	19 48	1 36	10 9	11 35	23 17	23 11	21 21	14 41	6 22
M28	19 4	21 0	1 6	19 20	1 47	7 16	1 4	23 38	3 13	19 7	0 46	11 49	1 34	8 24	0 34	19 48	1 36	10 9	11 35	23 17	23 11	21 20	14 40	6 22
T 29	18 50	23 33	0s11	18 47	1 47	6 47	1 1	23 41	3 13	19 10	0 46	11 47	1 34	8 24	0 34	19 48	1 36	10 9	11 36	23 17	23 11	21 19	14 38	6 22
W30	18 36	24 34	1 29	18 12	1 46	6 17	0 58	23 45	3 13	19 12	0 46	11 44	1 34	8 25	0 34	19 48	1 36	10 9	11 36	23 17	23 11	21 17	14 37	6 22
T 31	18n21	23s50	2s43	17n35	1n45	5n48	0n55	23s48	3s13	19s14	0s46	11n41	1n34	8s25	0n34	19n49	1s36	10n 9	11s36	23n17	23n10	21n16	14n36	6s22

Julian Day Number = 2411549.5, Delta T = -3.98 sec
Ecliptic obliquity = 23°27'13, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°12'40, Lahiri = 22°19'40

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ASTRODIENST EPHEMERIS for the year 1890
geocentric

AUGUST 1890 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	20 38 13	8♌39'01	10♒12	18♌21	18♍39	2♐45	7°R 3	3♍36	23♎ 1	6♊24	7♊39	23°R 2	21♊19	11♌ 2	26♋43	F 1
S 2	20 42 9	9°36'26	25°28	20°16	19°48	3° 5	6♒55	3°43	23° 3	6°25	7°40	22♊56	21°16	11° 9	26°50	S 2
S 3	20 46 6	10°33'51	10♓36	22° 8	20°57	3°25	6°47	3°51	23° 5	6°26	7°41	22°49	21°12	11°16	26°57	S 3
M 4	20 50 2	11°31'17	25°25	24° 0	22° 6	3°46	6°40	3°58	23° 6	6°27	7°41	22°42	21° 9	11°22	27° 4	M 4
T 5	20 53 59	12°28'45	9♈48	25°49	23°15	4° 8	6°32	4° 5	23° 8	6°28	7°42	22°37	21° 6	11°29	27°11	T 5
W 6	20 57 55	13°26'14	23°43	27°37	24°24	4°30	6°24	4°12	23°10	6°30	7°43	22°33	21° 3	11°36	27°18	W 6
T 7	21 1 52	14°23'44	7♉10	29°24	25°32	4°52	6°17	4°20	23°12	6°31	7°43	22°31	21° 0	11°42	27°25	T 7
F 8	21 5 49	15°21'15	20°10	1♍ 9	26°41	5°15	6° 9	4°27	23°14	6°32	7°44	22°D31	20°57	11°49	27°31	F 8
S 9	21 9 45	16°18'49	2♊47	2°52	27°49	5°38	6° 1	4°34	23°16	6°33	7°45	22°32	20°53	11°56	27°38	S 9
S 10	21 13 42	17°16'23	15° 7	4°34	28°58	6° 2	5°54	4°42	23°18	6°34	7°45	22°33	20°50	12° 2	27°45	S 10
M11	21 17 38	18°13'59	27°13	6°15	0♎ 6	6°27	5°46	4°49	23°20	6°35	7°46	22°R33	20°47	12° 9	27°52	M11
T 12	21 21 35	19°11'36	9♋10	7°54	1°14	6°52	5°39	4°56	23°22	6°36	7°46	22°32	20°44	12°16	27°58	T 12
W13	21 25 31	20° 9'15	21° 1	9°31	2°22	7°17	5°32	5° 4	23°24	6°37	7°47	22°28	20°41	12°22	28° 5	W13
T 14	21 29 28	21° 6'55	2♌50	11° 7	3°30	7°43	5°24	5°11	23°26	6°37	7°47	22°22	20°38	12°29	28°12	T 14
F 15	21 33 25	22° 4'36	14°40	12°41	4°38	8° 9	5°17	5°19	23°28	6°38	7°48	22°13	20°34	12°36	28°18	F 15
S 16	21 37 21	23° 2'19	26°32	14°14	5°45	8°35	5°10	5°26	23°31	6°39	7°48	22° 2	20°31	12°43	28°25	S 16
S 17	21 41 18	24° 0'03	8♍27	15°45	6°53	9° 3	5° 3	5°34	23°33	6°40	7°49	21°51	20°28	12°49	28°31	S 17
M18	21 45 14	24°57'48	20°28	17°15	8° 0	9°30	4°56	5°41	23°35	6°41	7°49	21°39	20°25	12°56	28°38	M18
T 19	21 49 11	25°55'34	2♎36	18°44	9° 7	9°58	4°49	5°49	23°38	6°41	7°50	21°28	20°22	13° 3	28°45	T 19
W20	21 53 7	26°53'22	14°52	20°10	10°14	10°26	4°43	5°56	23°40	6°42	7°50	21°20	20°18	13° 9	28°51	W20
T 21	21 57 4	27°51'11	27°19	21°36	11°21	10°55	4°36	6° 4	23°43	6°43	7°50	21°13	20°15	13°16	28°58	T 21
F 22	22 1 0	28°49'01	10♏ 0	22°59	12°28	11°24	4°29	6°11	23°45	6°43	7°51	21° 9	20°12	13°23	29° 4	F 22
S 23	22 4 57	29°46'52	22°58	24°21	13°35	11°53	4°23	6°19	23°48	6°44	7°51	21° 8	20° 9	13°29	29°10	S 23
S 24	22 8 53	0♍44'45	6♐17	25°42	14°42	12°23	4°17	6°26	23°50	6°45	7°51	21°D 8	20° 6	13°36	29°17	S 24
M25	22 12 50	1°42'39	19°58	27° 1	15°48	12°53	4°11	6°34	23°53	6°45	7°52	21°R 8	20° 3	13°43	29°23	M25
T 26	22 16 47	2°40'34	4♑ 4	28°18	16°54	13°24	4° 5	6°41	23°56	6°46	7°52	21° 8	19°59	13°50	29°29	T 26
W27	22 20 43	3°38'30	18°35	29°33	18° 0	13°54	3°59	6°49	23°58	6°46	7°52	21° 5	19°56	13°56	29°36	W27
T 28	22 24 40	4°36'28	3♒28	0♎47	19° 6	14°25	3°53	6°56	24° 1	6°47	7°52	21° 0	19°53	14° 3	29°42	T 28
F 29	22 28 36	5°34'27	18°35	1°58	20°12	14°57	3°48	7° 4	24° 4	6°47	7°53	20°53	19°50	14°10	29°48	F 29
S 30	22 32 33	6°32'27	3♓49	3° 8	21°17	15°29	3°42	7°12	24° 7	6°47	7°53	20°43	19°47	14°16	29°54	S 30
S 31	22 36 29	7♍30'29	18♓58	4♎15	22♎23	16♐ 1	3♒37	7♍19	24♎ 9	6♊48	7♊53	20♊33	19♊43	14♌23	0♌ 0	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	18n 7	21s20	3s46	16n58	1n43	5n18	0n52	23s52	3s13	19s16	0s46	11n39	1n34	8s26	0n34	19n49	1s36	10n 9	11s36	23n16	23n10	21n15	14n34	6s22
S 2	17 51	17 19	4 33	16 19	1 40	4 48	0 49	23 56	3 12	19 18	0 46	11 36	1 34	8 27	0 34	19 49	1 36	10 8	11 36	23 16	23 10	21 13	14 33	6 22
S 3	17 36	12 14	5 1	15 40	1 37	4 18	0 46	24 0	3 12	19 20	0 46	11 34	1 34	8 27	0 34	19 49	1 36	10 8	11 37	23 16	23 10	21 12	14 31	6 22
M 4	17 20	6 31	5 7	15 0	1 33	3 47	0 43	24 3	3 12	19 22	0 47	11 31	1 34	8 28	0 34	19 49	1 36	10 8	11 37	23 15	23 10	21 11	14 30	6 23
T 5	17 4	0 37	4 54	14 19	1 29	3 17	0 39	24 7	3 12	19 24	0 47	11 28	1 34	8 29	0 34	19 49	1 36	10 8	11 37	23 15	23 9	21 9	14 29	6 23
W 6	16 48	5n 8	4 24	13 38	1 25	2 47	0 36	24 11	3 11	19 26	0 47	11 26	1 34	8 29	0 34	19 50	1 36	10 8	11 37	23 15	23 9	21 8	14 27	6 23
T 7	16 31	10 27	3 39	12 56	1 20	2 16	0 32	24 15	3 11	19 28	0 47	11 23	1 34	8 30	0 33	19 50	1 36	10 8	11 37	23 15	23 9	21 7	14 26	6 23
F 8	16 15	15 9	2 45	12 14	1 14	1 46	0 29	24 19	3 11	19 30	0 47	11 20	1 34	8 31	0 33	19 50	1 36	10 8	11 37	23 15	23 9	21 5	14 24	6 23
S 9	15 57	19 2	1 44	11 31	1 9	1 15	0 25	24 23	3 10	19 32	0 47	11 18	1 34	8 32	0 33	19 50	1 36	10 8	11 38	23 15	23 8	21 4	14 23	6 23
S 10	15 40	21 58	0 40	10 49	1 3	0 44	0 21	24 27	3 10	19 34	0 47	11 15	1 34	8 32	0 33	19 50	1 36	10 8	11 38	23 15	23 8	21 3	14 21	6 24
M11	15 22	23 50	0n25	10 6	0 56	0 14	0 17	24 31	3 10	19 36	0 47	11 12	1 34	8 33	0 33	19 50	1 36	10 8	11 38	23 15	23 8	21 1	14 20	6 24
T 12	15 5	24 36	1 28	9 23	0 50	0s17	0 13	24 34	3 9	19 38	0 47	11 10	1 34	8 34	0 33	19 50	1 37	10 8	11 38	23 15	23 8	21 0	14 18	6 24
W13	14 46	24 13	2 26	8 40	0 43	0 48	0 10	24 38	3 9	19 40	0 47	11 7	1 34	8 35	0 33	19 50	1 37	10 7	11 38	23 14	23 8	20 59	14 17	6 24
T 14	14 28	22 45	3 18	7 57	0 35	1 18	0 5	24 42	3 8	19 42	0 47	11 4	1 34	8 36	0 33	19 51	1 37	10 7	11 39	23 14	23 7	20 57	14 15	6 24
F 15	14 10	20 17	4 1	7 14	0 28	1 49	0 1	24 46	3 8	19 44	0 48	11 2	1 34	8 36	0 33	19 51	1 37	10 7	11 39	23 14	23 7	20 56	14 14	6 25
S 16	13 51	16 58	4 34	6 31	0 20	2 20	0s 3	24 50	3 7	19 45	0 48	10 59	1 34	8 37	0 33	19 51	1 37	10 7	11 39	23 13	23 7	20 54	14 12	6 25
S 17	13 32	12 57	4 55	5 48	0 12	2 50	0 7	24 54	3 7	19 47	0 48	10 56	1 34	8 38	0 33	19 51	1 37	10 7	11 39	23 12	23 7	20 53	14 11	6 25
M18	13 13	8 25	5 3	5 6	0 4	3 21	0 11	24 57	3 6	19 49	0 48	10 53	1 34	8 39	0 33	19 51	1 37	10 7	11 39	23 11	23 6	20 51	14 9	6 25
T 19	12 53	3 31	4 57	4 24	0s 4	3 51	0 16	25 1	3 6	19 51	0 48	10 51	1 34	8 40	0 33	19 51	1 37	10 7	11 40	23 11	23 6	20 50	14 8	6 26
W20	12 33	1s35	4 38	3 42	0 13	4 22	0 20	25 5	3 5	19 52	0 48	10 48	1 34	8 41	0 33	19 51	1 37	10 7	11 40	23 10	23 6	20 49	14 6	6 26
T 21	12 14	6 42	4 5	3 0	0 21	4 52	0 25	25 8	3 5	19 54	0 48	10 45	1 34	8 42	0 33	19 51	1 37	10 6	11 40	23 10	23 6	20 47	14 5	6 26
F 22	11 54	11 39	3 20	2 19	0 30	5 23	0 29	25 12	3 4	19 56	0 48	10 42	1 34	8 43	0 33	19 51	1 37	10 6	11 40	23 10	23 6	20 46	14 3	6 27
S 23	11 33	16 13	2 24	1 39	0 39	5 53	0 34	25 15	3 3	19 57	0 48	10 40	1 34	8 44	0 33	19 51	1 37	10 6	11 40	23 9	23 5	20 44	14 1	6 27
S 24	11 13	20 5	1 18	0 59	0 48	6 23	0 38	25 19	3 3	19 59	0 48	10 37	1 34	8 45	0 33	19 51	1 37	10 6	11 41	23 9	23 5	20 43	14 0	6 27
M25	10 52	22 58	0 6	0 19	0 57	6 53	0 43	25 22	3 2	20 0	0 48	10 34	1 34	8 46	0 33	19 51	1 37	10 6	11 41	23 9	23 5	20 41	13 58	6 27
T 26	10 32	24 32	1s 8	0s20	1 6	7 23	0 48	25 25	3 2	20 2	0 48	10 31	1 34	8 47	0 33	19 51	1 37	10 6	11 41	23 9	23 5	20 40	13 57	6 28
W27	10 11	24 29	2 20	0 58	1 15	7 52	0 52	25 29	3 1	20 3	0 48	10 29	1 34	8 48	0 33	19 51	1 37	10 5	11 41	23 9	23 4	20 38	13 55	6 28
T 28	9 50	22 42	3 24	1 36	1 25	8 22	0 57	25 32	3 0	20 5	0 48	10 26	1 35	8 49	0 33	19 51	1 37	10 5	11 42	23 9	23 4	20 37	13 54	6 28
F 29	9 28	19 18	4 15	2 13	1 34	8 51	1 2	25 35	3 0	20 6	0 48	10 23	1 35	8 50	0 33	19 51	1 37	10 5	11 42	23 8	23 4	20 35	13 52	6 29
S 30	9 7	14 35	4 48	2 49	1 43	9 21	1 7	25 38	2 59	20 7	0 48	10 20	1 35	8 51	0 33	19 51	1 37	10 5	11 42	23 8	23 4	20 34	13 50	6 29
S 31	8n45	8s59	5s 1	3s24	1s52	9s50	1s12	25s40	2s58	20s 8	0s48	10n18	1n35	8s52	0n33	19n51	1s37	10n 5	11s42	23n 7	23n 3	20n33	13n49	6s30

Julian Day Number = 2411580.5, Delta T = -3.99 sec
Ecliptic obliquity = 23°27'14, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°12'44, Lahiri = 22°19'45

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ASTRODIENST EPHEMERIS for the year 1890
geocentric

SEPTEMBER 1890 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	22 40 26	8♍28'33	3♈52	5♎20	23♎28	16♐33	3°R32	7♍27	24♎12	6♊48	7♊53	20°R22	19♊40	14♌30	0♌ 6	M 1
T 2	22 44 22	9°26'39	18°23	6°23	24°33	17° 6	3♒27	7°34	24°15	6°48	7°53	20♊13	19°37	14°36	0°12	T 2
W 3	22 48 19	10°24'46	2♉25	7°24	25°38	17°39	3°22	7°42	24°18	6°48	7°53	20° 6	19°34	14°43	0°18	W 3
T 4	22 52 16	11°22'56	15°57	8°22	26°42	18°12	3°17	7°50	24°21	6°49	7°53	20° 2	19°31	14°50	0°24	T 4
F 5	22 56 12	12°21'07	29° 0	9°17	27°47	18°46	3°13	7°57	24°24	6°49	7°53	20° 0	19°28	14°56	0°30	F 5
S 6	23 0 9	13°19'21	11♊39	10°10	28°51	19°19	3° 8	8° 5	24°27	6°49	7°54	19°59	19°24	15° 3	0°36	S 6
S 7	23 4 5	14°17'36	23°58	10°59	29°55	19°53	3° 4	8°12	24°30	6°49	7°R54	19°59	19°21	15°10	0°42	S 7
M 8	23 8 2	15°15'54	6♋ 2	11°45	0♏58	20°28	3° 0	8°20	24°33	6°49	7°54	19°59	19°18	15°17	0°47	M 8
T 9	23 11 58	16°14'14	17°57	12°27	2° 2	21° 2	2°57	8°27	24°37	6°49	7°54	19°56	19°15	15°23	0°53	T 9
W10	23 15 55	17°12'36	29°46	13° 6	3° 5	21°37	2°53	8°35	24°40	6°R49	7°53	19°51	19°12	15°30	0°59	W10
T 11	23 19 51	18°11'00	11♌35	13°40	4° 8	22°12	2°49	8°42	24°43	6°49	7°53	19°44	19° 9	15°37	1° 4	T 11
F 12	23 23 48	19° 9'25	23°27	14°10	5°11	22°48	2°46	8°50	24°46	6°49	7°53	19°33	19° 5	15°43	1°10	F 12
S 13	23 27 45	20° 7'53	5♍23	14°36	6°14	23°23	2°43	8°57	24°49	6°49	7°53	19°20	19° 2	15°50	1°15	S 13
S 14	23 31 41	21° 6'23	17°26	14°56	7°16	23°59	2°40	9° 5	24°53	6°49	7°53	19° 7	18°59	15°57	1°21	S 14
M15	23 35 38	22° 4'54	29°37	15°11	8°18	24°35	2°37	9°12	24°56	6°49	7°53	18°52	18°56	16° 3	1°26	M15
T 16	23 39 34	23° 3'27	11♎57	15°20	9°20	25°12	2°35	9°20	24°59	6°48	7°53	18°39	18°53	16°10	1°31	T 16
W17	23 43 31	24° 2'03	24°26	15°R24	10°21	25°48	2°33	9°27	25° 3	6°48	7°53	18°29	18°49	16°17	1°37	W17
T 18	23 47 27	25° 0'40	7♏ 6	15°20	11°22	26°25	2°30	9°35	25° 6	6°48	7°52	18°20	18°46	16°24	1°42	T 18
F 19	23 51 24	25°59'18	19°56	15°10	12°23	27° 2	2°28	9°42	25° 9	6°48	7°52	18°15	18°43	16°30	1°47	F 19
S 20	23 55 20	26°57'59	3♐ 0	14°53	13°23	27°39	2°27	9°49	25°13	6°47	7°52	18°13	18°40	16°37	1°52	S 20
S 21	23 59 17	27°56'41	16°20	14°29	14°24	28°16	2°25	9°57	25°16	6°47	7°52	18°D12	18°37	16°44	1°57	S 21
M22	0 3 14	28°55'25	29°56	13°58	15°23	28°54	2°24	10° 4	25°20	6°47	7°51	18°R12	18°34	16°50	2° 2	M22
T 23	0 7 10	29°54'11	13♑53	13°20	16°23	29°32	2°23	10°11	25°23	6°46	7°51	18°12	18°30	16°57	2° 7	T 23
W24	0 11 7	0♎52'58	28° 8	12°34	17°22	0♑10	2°22	10°19	25°27	6°46	7°51	18° 9	18°27	17° 4	2°11	W24
T 25	0 15 3	1°51'47	12♒42	11°42	18°21	0°48	2°21	10°26	25°30	6°45	7°50	18° 5	18°24	17°11	2°16	T 25
F 26	0 19 0	2°50'38	27°30	10°45	19°19	1°26	2°20	10°33	25°34	6°45	7°50	17°57	18°21	17°17	2°21	F 26
S 27	0 22 56	3°49'30	12♓26	9°43	20°17	2° 5	2°20	10°40	25°37	6°44	7°49	17°48	18°18	17°24	2°25	S 27
S 28	0 26 53	4°48'25	27°20	8°37	21°14	2°44	2°D20	10°48	25°41	6°44	7°49	17°37	18°15	17°31	2°30	S 28
M29	0 30 49	5°47'21	12♈ 4	7°29	22°11	3°23	2°20	10°55	25°44	6°43	7°49	17°26	18°11	17°37	2°34	M29
T 30	0 34 46	6♎46'19	26♈29	6♎21	23♏ 8	4♑ 2	2♒20	11♍ 2	25♎48	6♊42	7♊48	17♊17	18♊ 8	17♌44	2♌39	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	8n24	2s56	4s53	3s59	2s 1	10s19	1s17	25s43	2s58	20s10	0s48	10n15	1n35	8s53	0n33	19n51	1s38	10n 5	11s42	23n 6	23n 3	20n31	13n47	6s30
T 2	8 2	3n 6	4 26	4 32	2 10	10 47	1 22	25 46	2 57	20 11	0 48	10 12	1 35	8 54	0 33	19 51	1 38	10 4	11 43	23 6	23 3	20 29	13 46	6 30
W 3	7 40	8 49	3 44	5 4	2 19	11 16	1 27	25 48	2 56	20 12	0 48	10 9	1 35	8 55	0 33	19 51	1 38	10 4	11 43	23 5	23 3	20 28	13 44	6 31
T 4	7 18	13 55	2 50	5 35	2 28	11 44	1 32	25 50	2 55	20 13	0 48	10 6	1 35	8 56	0 33	19 51	1 38	10 4	11 43	23 5	23 2	20 26	13 42	6 31
F 5	6 56	18 11	1 49	6 5	2 37	12 12	1 37	25 53	2 55	20 14	0 48	10 4	1 35	8 58	0 33	19 51	1 38	10 4	11 43	23 5	23 2	20 25	13 41	6 31
S 6	6 34	21 28	0 44	6 34	2 46	12 40	1 42	25 55	2 54	20 15	0 48	10 1	1 35	8 59	0 33	19 51	1 38	10 4	11 43	23 5	23 2	20 23	13 39	6 32
S 7	6 11	23 40	0n21	7 1	2 54	13 7	1 47	25 57	2 53	20 16	0 48	9 58	1 35	9 0	0 33	19 51	1 38	10 3	11 44	23 5	23 2	20 22	13 38	6 32
M 8	5 49	24 43	1 24	7 26	3 2	13 35	1 52	25 59	2 52	20 17	0 48	9 55	1 35	9 1	0 33	19 51	1 38	10 3	11 44	23 5	23 1	20 20	13 36	6 33
T 9	5 26	24 36	2 22	7 50	3 10	14 2	1 58	26 0	2 52	20 18	0 48	9 53	1 35	9 2	0 33	19 51	1 38	10 3	11 44	23 4	23 1	20 19	13 34	6 33
W10	5 3	23 22	3 14	8 12	3 17	14 28	2 3	26 2	2 51	20 19	0 48	9 50	1 35	9 3	0 32	19 51	1 38	10 3	11 44	23 4	23 1	20 17	13 33	6 34
T 11	4 41	21 6	3 57	8 32	3 24	14 55	2 8	26 3	2 50	20 20	0 48	9 47	1 35	9 5	0 32	19 51	1 38	10 2	11 44	23 3	23 1	20 16	13 31	6 34
F 12	4 18	17 57	4 30	8 50	3 31	15 21	2 13	26 4	2 49	20 20	0 48	9 44	1 36	9 6	0 32	19 51	1 38	10 2	11 45	23 3	23 0	20 14	13 29	6 34
S 13	3 55	14 3	4 51	9 5	3 37	15 47	2 18	26 5	2 48	20 21	0 48	9 42	1 36	9 7	0 32	19 51	1 38	10 2	11 45	23 2	23 0	20 13	13 28	6 35
S 14	3 32	9 33	4 59	9 18	3 43	16 12	2 23	26 6	2 47	20 22	0 48	9 39	1 36	9 8	0 32	19 51	1 38	10 2	11 45	23 0	23 0	20 11	13 26	6 35
M15	3 9	4 39	4 54	9 29	3 47	16 37	2 29	26 7	2 47	20 22	0 48	9 36	1 36	9 9	0 32	19 51	1 38	10 2	11 45	22 59	23 0	20 9	13 25	6 36
T 16	2 45	0s30	4 36	9 36	3 51	17 2	2 34	26 8	2 46	20 23	0 48	9 33	1 36	9 11	0 32	19 51	1 38	10 1	11 46	22 58	22 59	20 8	13 23	6 36
W17	2 22	5 42	4 3	9 40	3 54	17 27	2 39	26 8	2 45	20 23	0 48	9 31	1 36	9 12	0 32	19 51	1 38	10 1	11 46	22 57	22 59	20 6	13 22	6 37
T 18	1 59	10 45	3 19	9 41	3 56	17 51	2 44	26 8	2 44	20 24	0 48	9 28	1 36	9 13	0 32	19 51	1 38	10 1	11 46	22 57	22 59	20 5	13 20	6 37
F 19	1 36	15 26	2 23	9 38	3 57	18 15	2 49	26 8	2 43	20 24	0 48	9 25	1 36	9 14	0 32	19 50	1 38	10 1	11 46	22 56	22 58	20 3	13 18	6 38
S 20	1 12	19 28	1 19	9 31	3 57	18 38	2 54	26 8	2 42	20 25	0 48	9 23	1 36	9 16	0 32	19 50	1 38	10 0	11 46	22 56	22 58	20 1	13 17	6 38
S 21	0 49	22 35	0 10	9 20	3 55	19 1	2 59	26 8	2 41	20 25	0 48	9 20	1 36	9 17	0 32	19 50	1 39	10 0	11 47	22 56	22 58	20 0	13 15	6 39
M22	0 26	24 29	1s 2	9 4	3 52	19 24	3 5	26 7	2 40	20 25	0 48	9 17	1 37	9 18	0 32	19 50	1 39	10 0	11 47	22 56	22 58	19 58	13 14	6 39
T 23	0 2	24 55	2 11	8 45	3 47	19 46	3 10	26 7	2 39	20 25	0 48	9 15	1 37	9 19	0 32	19 50	1 39	10 0	11 47	22 56	22 57	19 57	13 12	6 40
W24	0s21	23 43	3 15	8 21	3 40	20 8	3 15	26 6	2 39	20 26	0 48	9 12	1 37	9 21	0 32	19 50	1 39	9 59	11 47	22 56	22 57	19 55	13 10	6 40
T 25	0 44	20 56	4 6	7 52	3 31	20 30	3 20	26 5	2 38	20 26	0 48	9 9	1 37	9 22	0 32	19 50	1 39	9 59	11 47	22 55	22 57	19 53	13 9	6 41
F 26	1 8	16 46	4 43	7 20	3 21	20 51	3 25	26 3	2 37	20 26	0 48	9 7	1 37	9 23	0 32	19 50	1 39	9 59	11 48	22 54	22 57	19 52	13 7	6 42
S 27	1 31	11 31	5 0	6 44	3 8	21 11	3 29	26 2	2 36	20 26	0 48	9 4	1 37	9 25	0 32	19 49	1 39	9 59	11 48	22 54	22 56	19 50	13 6	6 42
S 28	1 55	5 36	4 57	6 5	2 54	21 31	3 34	26 0	2 35	20 26	0 48	9 1	1 37	9 26	0 32	19 49	1 39	9 58	11 48	22 53	22 56	19 48	13 4	6 43
M29	2 18	0n34	4 34	5 23	2 38	21 51	3 39	25 58	2 34	20 26	0 48	8 59	1 37	9 27	0 32	19 49	1 39	9 58	11 48	22 52	22 56	19 47	13 3	6 43
T 30	2s41	6n35	3s54	4s40	2s20	22s10	3s44	25s56	2s33	20s26	0s48	8n56	1n38	9s29	0n32	19n49	1s39	9n58	11s48	22n51	22n55	19n45	13n 1	6s44

Julian Day Number = 2411611.5, Delta T = -4.01 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°12'48, Lahiri = 22°19'49

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1890
geocentric

OCTOBER 1890 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	0 38 42	7♎45'20	10♉30	5°R14	24♏ 4	4♑41	2♒20	11♍ 9	25♎52	6°R42	7°R48	17°R10	18♊ 5	17♌51	2♌43	W 1
T 2	0 42 39	8°44'22	24° 4	4♎10	24°59	5°20	2°21	11°16	25°55	6♊41	7♊47	17♊ 5	18° 2	17°57	2°47	T 2
F 3	0 46 36	9°43'28	7♊10	3°12	25°54	6° 0	2°22	11°23	25°59	6°40	7°47	17° 3	17°59	18° 4	2°51	F 3
S 4	0 50 32	10°42'35	19°53	2°20	26°49	6°39	2°23	11°30	26° 3	6°39	7°46	17°D 3	17°55	18°11	2°56	S 4
S 5	0 54 29	11°41'45	2♋14	1°36	27°43	7°19	2°24	11°37	26° 6	6°39	7°46	17° 3	17°52	18°18	3° 0	S 5
M 6	0 58 25	12°40'57	14°20	1° 1	28°36	7°59	2°25	11°44	26°10	6°38	7°45	17°R 3	17°49	18°24	3° 3	M 6
T 7	1 2 22	13°40'11	26°16	0°37	29°29	8°39	2°27	11°51	26°14	6°37	7°44	17° 2	17°46	18°31	3° 7	T 7
W 8	1 6 18	14°39'28	8♌ 7	0°22	0♐21	9°20	2°29	11°57	26°17	6°36	7°44	17° 0	17°43	18°38	3°11	W 8
T 9	1 10 15	15°38'46	19°57	0°D19	1°13	10° 0	2°31	12° 4	26°21	6°35	7°43	16°54	17°40	18°44	3°15	T 9
F 10	1 14 11	16°38'07	1♍52	0°27	2° 4	10°41	2°33	12°11	26°25	6°34	7°42	16°47	17°36	18°51	3°18	F 10
S 11	1 18 8	17°37'31	13°53	0°45	2°54	11°21	2°35	12°18	26°29	6°33	7°42	16°37	17°33	18°58	3°22	S 11
S 12	1 22 5	18°36'56	26° 5	1°13	3°43	12° 2	2°38	12°24	26°32	6°32	7°41	16°26	17°30	19° 4	3°25	S 12
M13	1 26 1	19°36'24	8♎28	1°50	4°32	12°43	2°40	12°31	26°36	6°31	7°40	16°15	17°27	19°11	3°29	M13
T 14	1 29 58	20°35'53	21° 3	2°37	5°20	13°24	2°43	12°37	26°40	6°30	7°40	16° 5	17°24	19°18	3°32	T 14
W15	1 33 54	21°35'25	3♏50	3°31	6° 7	14° 6	2°46	12°44	26°44	6°29	7°39	15°56	17°20	19°25	3°35	W15
T 16	1 37 51	22°34'59	16°48	4°32	6°53	14°47	2°50	12°50	26°47	6°28	7°38	15°50	17°17	19°31	3°38	T 16
F 17	1 41 47	23°34'35	29°58	5°40	7°39	15°28	2°53	12°57	26°51	6°27	7°37	15°47	17°14	19°38	3°41	F 17
S 18	1 45 44	24°34'12	13♐19	6°53	8°23	16°10	2°57	13° 3	26°55	6°26	7°37	15°D46	17°11	19°45	3°44	S 18
S 19	1 49 40	25°33'52	26°51	8°11	9° 7	16°52	3° 1	13° 9	26°59	6°25	7°36	15°46	17° 8	19°51	3°47	S 19
M20	1 53 37	26°33'33	10♑35	9°34	9°50	17°34	3° 5	13°15	27° 3	6°23	7°35	15°47	17° 5	19°58	3°50	M20
T 21	1 57 34	27°33'16	24°30	10°59	10°31	18°16	3° 9	13°22	27° 6	6°22	7°34	15°R48	17° 1	20° 5	3°52	T 21
W22	2 1 30	28°33'00	8♒37	12°28	11°12	18°58	3°13	13°28	27°10	6°21	7°33	15°47	16°58	20°12	3°55	W22
T 23	2 5 27	29°32'46	22°55	13°59	11°51	19°40	3°18	13°34	27°14	6°20	7°33	15°45	16°55	20°18	3°57	T 23
F 24	2 9 23	0♏32'34	7♓20	15°33	12°29	20°22	3°23	13°40	27°18	6°18	7°32	15°41	16°52	20°25	4° 0	F 24
S 25	2 13 20	1°32'23	21°49	17° 7	13° 6	21° 4	3°28	13°46	27°21	6°17	7°31	15°35	16°49	20°32	4° 2	S 25
S 26	2 17 16	2°32'15	6♈16	18°43	13°42	21°47	3°33	13°52	27°25	6°16	7°30	15°28	16°46	20°38	4° 4	S 26
M27	2 21 13	3°32'07	20°36	20°20	14°16	22°29	3°38	13°57	27°29	6°14	7°29	15°21	16°42	20°45	4° 6	M27
T 28	2 25 9	4°32'02	4♉42	21°58	14°49	23°12	3°44	14° 3	27°33	6°13	7°28	15°15	16°39	20°52	4° 8	T 28
W29	2 29 6	5°31'59	18°29	23°37	15°20	23°55	3°49	14° 9	27°36	6°12	7°27	15°11	16°36	20°58	4°10	W29
T 30	2 33 3	6°31'58	1♊55	25°15	15°50	24°38	3°55	14°14	27°40	6°10	7°26	15° 8	16°33	21° 5	4°12	T 30
F 31	2 36 59	7♏31'59	14♊59	26♎54	16♐19	25♑20	4♒ 1	14♍20	27♎44	6♊ 9	7♊25	15°D 7	16♊30	21♌12	4♌13	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	3s 5	12n 7	3s 1	3s56	2s 1	22s29	3s49	25s54	2s32	20s26	0s48	8n54	1n38	9s30	0n32	19n49	1s39	9n58	11s48	22n50	22n55	19n43	13n 0	6s44
T 2	3 28	16 53	1 59	3 13	1 42	22 48	3 53	25 51	2 31	20 26	0 48	8 51	1 38	9 31	0 32	19 49	1 39	9 57	11 49	22 50	22 55	19 42	12 58	6 45
F 3	3 51	20 40	0 52	2 31	1 21	23 5	3 58	25 49	2 30	20 25	0 48	8 49	1 38	9 33	0 32	19 49	1 39	9 57	11 49	22 49	22 55	19 40	12 57	6 46
S 4	4 15	23 19	0n15	1 51	1 1	23 23	4 2	25 46	2 29	20 25	0 48	8 46	1 38	9 34	0 32	19 48	1 39	9 57	11 49	22 49	22 54	19 38	12 55	6 46
S 5	4 38	24 46	1 20	1 15	0 40	23 40	4 7	25 43	2 28	20 25	0 48	8 44	1 38	9 35	0 32	19 48	1 39	9 57	11 49	22 49	22 54	19 37	12 54	6 47
M 6	5 1	25 0	2 20	0 43	0 21	23 56	4 11	25 39	2 27	20 24	0 48	8 41	1 38	9 37	0 32	19 48	1 39	9 56	11 49	22 49	22 54	19 35	12 52	6 47
T 7	5 24	24 4	3 13	0 16	0 2	24 12	4 15	25 36	2 26	20 24	0 48	8 39	1 39	9 38	0 32	19 48	1 39	9 56	11 50	22 49	22 53	19 33	12 51	6 48
W 8	5 47	22 4	3 57	0n 6	0n16	24 27	4 19	25 32	2 25	20 24	0 48	8 36	1 39	9 39	0 32	19 48	1 39	9 56	11 50	22 49	22 53	19 32	12 49	6 49
T 9	6 10	19 8	4 31	0 23	0 33	24 42	4 23	25 28	2 24	20 23	0 48	8 34	1 39	9 41	0 32	19 47	1 39	9 56	11 50	22 49	22 53	19 30	12 48	6 49
F 10	6 33	15 23	4 54	0 34	0 49	24 57	4 27	25 24	2 23	20 23	0 48	8 31	1 39	9 42	0 32	19 47	1 39	9 55	11 50	22 48	22 53	19 28	12 47	6 50
S 11	6 55	11 0	5 4	0 40	1 3	25 11	4 31	25 19	2 22	20 22	0 48	8 29	1 39	9 44	0 32	19 47	1 39	9 55	11 50	22 47	22 52	19 26	12 45	6 51
S 12	7 18	6 8	5 0	0 40	1 15	25 24	4 35	25 15	2 21	20 21	0 47	8 26	1 39	9 45	0 32	19 47	1 39	9 55	11 50	22 46	22 52	19 25	12 44	6 51
M13	7 41	0 58	4 42	0 35	1 26	25 37	4 38	25 10	2 20	20 21	0 47	8 24	1 39	9 46	0 32	19 47	1 39	9 55	11 51	22 45	22 52	19 23	12 42	6 52
T 14	8 3	4s21	4 10	0 25	1 35	25 49	4 42	25 4	2 18	20 20	0 47	8 22	1 40	9 48	0 32	19 46	1 39	9 54	11 51	22 44	22 51	19 21	12 41	6 53
W15	8 25	9 35	3 25	0 11	1 43	26 1	4 45	24 59	2 17	20 19	0 47	8 19	1 40	9 49	0 32	19 46	1 40	9 54	11 51	22 43	22 51	19 19	12 40	6 53
T 16	8 48	14 29	2 29	0s 8	1 50	26 12	4 48	24 54	2 16	20 18	0 47	8 17	1 40	9 50	0 32	19 46	1 40	9 54	11 51	22 42	22 51	19 18	12 38	6 54
F 17	9 10	18 47	1 24	0 30	1 55	26 23	4 51	24 48	2 15	20 18	0 47	8 15	1 40	9 52	0 32	19 46	1 40	9 54	11 51	22 42	22 50	19 16	12 37	6 55
S 18	9 32	22 12	0 13	0 55	1 59	26 33	4 54	24 42	2 14	20 17	0 47	8 12	1 40	9 53	0 32	19 46	1 40	9 53	11 51	22 42	22 50	19 14	12 36	6 55
S 19	9 53	24 24	0s59	1 24	2 1	26 43	4 57	24 35	2 13	20 16	0 47	8 10	1 40	9 54	0 32	19 45	1 40	9 53	11 51	22 42	22 50	19 12	12 34	6 56
M20	10 15	25 11	2 10	1 54	2 3	26 52	4 59	24 29	2 12	20 15	0 47	8 8	1 41	9 56	0 32	19 45	1 40	9 53	11 52	22 42	22 50	19 11	12 33	6 57
T 21	10 37	24 24	3 13	2 27	2 4	27 1	5 2	24 22	2 11	20 14	0 47	8 6	1 41	9 57	0 32	19 45	1 40	9 53	11 52	22 42	22 49	19 9	12 32	6 57
W22	10 58	22 4	4 6	3 2	2 3	27 9	5 4	24 15	2 10	20 13	0 47	8 3	1 41	9 59	0 32	19 45	1 40	9 52	11 52	22 42	22 49	19 7	12 31	6 58
T 23	11 19	18 22	4 44	3 39	2 2	27 16	5 6	24 8	2 9	20 11	0 47	8 1	1 41	10 0	0 32	19 44	1 40	9 52	11 52	22 42	22 49	19 5	12 29	6 59
F 24	11 40	13 32	5 5	4 16	2 0	27 23	5 7	24 1	2 8	20 10	0 47	7 59	1 41	10 1	0 32	19 44	1 40	9 52	11 52	22 41	22 48	19 3	12 28	6 59
S 25	12 1	7 56	5 7	4 55	1 58	27 29	5 9	23 53	2 7	20 9	0 47	7 57	1 42	10 3	0 32	19 44	1 40	9 52	11 52	22 40	22 48	19 2	12 27	7 0
S 26	12 22	1 55	4 48	5 34	1 55	27 35	5 10	23 45	2 5	20 8	0 47	7 55	1 42	10 4	0 32	19 44	1 40	9 51	11 52	22 40	22 48	19 0	12 26	7 1
M27	12 42	4n 9	4 12	6 14	1 51	27 41	5 11	23 37	2 4	20 7	0 47	7 53	1 42	10 5	0 32	19 43	1 40	9 51	11 52	22 39	22 47	18 58	12 25	7 1
T 28	13 2	9 56	3 21	6 54	1 47	27 45	5 12	23 29	2 3	20 5	0 47	7 51	1 42	10 7	0 32	19 43	1 40	9 51	11 52	22 38	22 47	18 56	12 24	7 2
W29	13 22	15 6	2 20	7 35	1 43	27 49	5 12	23 20	2 2	20 4	0 47	7 49	1 42	10 8	0 32	19 43	1 40	9 51	11 53	22 38	22 47	18 54	12 22	7 3
T 30	13 42	19 24	1 11	8 15	1 38	27 53	5 13	23 12	2 1	20 2	0 47	7 47	1 42	10 9	0 32	19 43	1 40	9 50	11 53	22 37	22 46	18 53	12 21	7 4
F 31	14s 2	22n36	0s 1	8s56	1n33	27s56	5s13	23s 3	2s 0	20s 1	0s47	7n45	1n43	10s11	0n32	19n42	1s40	9n50	11s53	22n37	22n46	18n51	12n20	7s 4

Julian Day Number = 2411641.5, Delta T = -4.03 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°12'52, Lahiri = 22°19'53

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ASTRODIENST EPHEMERIS for the year 1890
geocentric

NOVEMBER 1890 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 40 56	8♏32'02	27♊41	28♎33	16♐46	26♑ 3	4♒ 7	14♍25	27♎48	6°R 7	7°R24	15♊ 8	16♊26	21♌19	4♌15	S 1
S 2	2 44 52	9°32'07	10♋ 5	0♏12	17°11	26°46	4°14	14°31	27°51	6♊ 6	7♊23	15° 9	16°23	21°25	4°16	S 2
M 3	2 48 49	10°32'14	22°13	1°51	17°34	27°30	4°20	14°36	27°55	6° 4	7°22	15°11	16°20	21°32	4°18	M 3
T 4	2 52 45	11°32'23	4♌11	3°30	17°56	28°13	4°27	14°41	27°59	6° 3	7°21	15°12	16°17	21°39	4°19	T 4
W 5	2 56 42	12°32'34	16° 4	5° 9	18°16	28°56	4°34	14°47	28° 3	6° 1	7°20	15°R13	16°14	21°45	4°20	W 5
T 6	3 0 38	13°32'47	27°56	6°47	18°34	29°39	4°40	14°52	28° 6	6° 0	7°19	15°11	16°11	21°52	4°21	T 6
F 7	3 4 35	14°33'02	9♍52	8°26	18°50	0♒23	4°48	14°57	28°10	5°58	7°18	15° 9	16° 7	21°59	4°22	F 7
S 8	3 8 32	15°33'19	21°56	10° 3	19° 3	1° 6	4°55	15° 2	28°14	5°57	7°17	15° 5	16° 4	22° 6	4°23	S 8
S 9	3 12 28	16°33'38	4♎13	11°41	19°15	1°50	5° 2	15° 7	28°17	5°55	7°16	15° 0	16° 1	22°12	4°24	S 9
M10	3 16 25	17°33'59	16°44	13°18	19°25	2°33	5°10	15°11	28°21	5°53	7°15	14°56	15°58	22°19	4°25	M10
T 11	3 20 21	18°34'22	29°32	14°55	19°32	3°17	5°18	15°16	28°24	5°52	7°14	14°51	15°55	22°26	4°25	T 11
W12	3 24 18	19°34'47	12♏36	16°32	19°37	4° 1	5°25	15°21	28°28	5°50	7°13	14°47	15°52	22°32	4°26	W12
T 13	3 28 14	20°35'13	25°57	18° 9	19°40	4°45	5°33	15°25	28°32	5°49	7°12	14°45	15°48	22°39	4°26	T 13
F 14	3 32 11	21°35'41	9♐32	19°45	19°R41	5°29	5°42	15°30	28°35	5°47	7°11	14°D44	15°45	22°46	4°26	F 14
S 15	3 36 7	22°36'11	23°19	21°21	19°39	6°13	5°50	15°34	28°39	5°45	7°10	14°44	15°42	22°53	4°27	S 15
S 16	3 40 4	23°36'42	7♑16	22°56	19°34	6°57	5°58	15°39	28°42	5°44	7° 9	14°45	15°39	22°59	4°R27	S 16
M17	3 44 1	24°37'15	21°19	24°32	19°28	7°41	6° 7	15°43	28°46	5°42	7° 7	14°46	15°36	23° 6	4°27	M17
T 18	3 47 57	25°37'48	5♒28	26° 7	19°18	8°25	6°16	15°47	28°49	5°40	7° 6	14°48	15°32	23°13	4°27	T 18
W19	3 51 54	26°38'23	19°39	27°42	19° 6	9° 9	6°25	15°51	28°53	5°39	7° 5	14°48	15°29	23°19	4°26	W19
T 20	3 55 50	27°38'59	3♓50	29°16	18°52	9°53	6°34	15°55	28°56	5°37	7° 4	14°R48	15°26	23°26	4°26	T 20
F 21	3 59 47	28°39'36	17°59	0♐51	18°36	10°37	6°43	15°59	29° 0	5°35	7° 3	14°48	15°23	23°33	4°26	F 21
S 22	4 3 43	29°40'14	2♈ 5	2°25	18°17	11°22	6°52	16° 3	29° 3	5°34	7° 2	14°46	15°20	23°40	4°25	S 22
S 23	4 7 40	0♐40'53	16° 4	3°59	17°55	12° 6	7° 1	16° 6	29° 6	5°32	7° 1	14°44	15°17	23°46	4°24	S 23
M24	4 11 36	1°41'34	29°53	5°33	17°32	12°50	7°11	16°10	29°10	5°30	7° 0	14°42	15°13	23°53	4°24	M24
T 25	4 15 33	2°42'16	13♉31	7° 7	17° 6	13°35	7°21	16°13	29°13	5°29	6°58	14°41	15°10	24° 0	4°23	T 25
W26	4 19 30	3°42'58	26°55	8°41	16°38	14°19	7°30	16°17	29°16	5°27	6°57	14°40	15° 7	24° 6	4°22	W26
T 27	4 23 26	4°43'43	10♊ 4	10°14	16° 9	15° 4	7°40	16°20	29°20	5°25	6°56	14°D39	15° 4	24°13	4°21	T 27
F 28	4 27 23	5°44'28	22°55	11°48	15°38	15°48	7°50	16°23	29°23	5°24	6°55	14°39	15° 1	24°20	4°20	F 28
S 29	4 31 19	6°45'15	5♋31	13°21	15° 5	16°33	8° 0	16°26	29°26	5°22	6°54	14°40	14°58	24°27	4°18	S 29
S 30	4 35 16	7♐46'04	17♋52	14♐54	14♐32	17♒17	8♒11	16♍29	29♎29	5♊20	6♊53	14♊41	14♊54	24♌33	4♌17	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s21	24n34	1n 8	9s36	1n27	27s58	5s12	22s54	1s59	19s59	0s46	7n43	1n43	10s12	0n32	19n42	1s40	9n50	11s53	22n37	22n46	18n49	12n19	7s 5
S 2	14 41	25 16	2 12	10 17	1 22	28 0	5 11	22 44	1 58	19 58	0 46	7 41	1 43	10 13	0 32	19 42	1 40	9 50	11 53	22 38	22 45	18 47	12 18	7 6
M 3	15 0	24 43	3 9	10 57	1 16	28 1	5 10	22 35	1 56	19 56	0 46	7 39	1 43	10 15	0 32	19 41	1 40	9 49	11 53	22 38	22 45	18 45	12 17	7 6
T 4	15 18	23 3	3 56	11 36	1 9	28 2	5 9	22 25	1 55	19 55	0 46	7 37	1 43	10 16	0 32	19 41	1 40	9 49	11 53	22 38	22 45	18 43	12 16	7 7
W 5	15 37	20 22	4 33	12 15	1 3	28 2	5 7	22 15	1 54	19 53	0 46	7 36	1 44	10 17	0 32	19 41	1 40	9 49	11 53	22 38	22 44	18 42	12 15	7 8
T 6	15 55	16 52	4 59	12 54	0 57	28 1	5 5	22 5	1 53	19 51	0 46	7 34	1 44	10 19	0 32	19 41	1 40	9 49	11 53	22 38	22 44	18 40	12 14	7 9
F 7	16 13	12 41	5 11	13 32	0 50	28 0	5 2	21 54	1 52	19 50	0 46	7 32	1 44	10 20	0 32	19 40	1 40	9 48	11 53	22 38	22 44	18 38	12 13	7 9
S 8	16 30	7 57	5 10	14 9	0 44	27 58	4 59	21 43	1 51	19 48	0 46	7 30	1 44	10 21	0 32	19 40	1 40	9 48	11 53	22 37	22 44	18 36	12 12	7 10
S 9	16 48	2 51	4 55	14 46	0 37	27 56	4 56	21 33	1 50	19 46	0 46	7 29	1 45	10 23	0 32	19 40	1 40	9 48	11 53	22 37	22 43	18 34	12 12	7 11
M10	17 5	2s29	4 26	15 22	0 30	27 53	4 52	21 22	1 48	19 44	0 46	7 27	1 45	10 24	0 32	19 39	1 40	9 48	11 53	22 36	22 43	18 32	12 11	7 11
T 11	17 22	7 50	3 43	15 57	0 23	27 49	4 47	21 10	1 47	19 42	0 46	7 25	1 45	10 25	0 32	19 39	1 40	9 48	11 54	22 36	22 43	18 30	12 10	7 12
W12	17 38	12 58	2 47	16 32	0 17	27 45	4 43	20 59	1 46	19 40	0 46	7 24	1 45	10 26	0 32	19 39	1 40	9 47	11 54	22 35	22 42	18 28	12 9	7 13
T 13	17 55	17 37	1 41	17 5	0 10	27 39	4 37	20 47	1 45	19 38	0 46	7 22	1 45	10 28	0 32	19 39	1 40	9 47	11 54	22 35	22 42	18 26	12 8	7 14
F 14	18 10	21 25	0 29	17 38	0 3	27 34	4 31	20 35	1 44	19 36	0 46	7 21	1 46	10 29	0 32	19 38	1 40	9 47	11 54	22 35	22 41	18 25	12 7	7 14
S 15	18 26	24 4	0s47	18 10	0s 4	27 27	4 25	20 23	1 43	19 34	0 46	7 19	1 46	10 30	0 32	19 38	1 40	9 47	11 54	22 35	22 41	18 23	12 7	7 15
S 16	18 41	25 16	2 1	18 41	0 10	27 20	4 18	20 11	1 41	19 32	0 46	7 18	1 46	10 31	0 32	19 38	1 40	9 47	11 54	22 35	22 41	18 21	12 6	7 16
M17	18 56	24 52	3 8	19 11	0 17	27 11	4 10	19 59	1 40	19 30	0 46	7 16	1 46	10 33	0 32	19 37	1 40	9 46	11 54	22 35	22 40	18 19	12 5	7 16
T 18	19 11	22 52	4 4	19 41	0 24	27 2	4 2	19 46	1 39	19 27	0 46	7 15	1 47	10 34	0 32	19 37	1 40	9 46	11 54	22 35	22 40	18 17	12 5	7 17
W19	19 25	19 27	4 46	20 9	0 30	26 53	3 53	19 33	1 38	19 25	0 46	7 13	1 47	10 35	0 32	19 37	1 40	9 46	11 54	22 35	22 40	18 15	12 4	7 18
T 20	19 39	14 55	5 10	20 36	0 37	26 42	3 44	19 20	1 37	19 23	0 46	7 12	1 47	10 36	0 32	19 37	1 40	9 46	11 54	22 35	22 39	18 13	12 3	7 19
F 21	19 52	9 35	5 15	21 2	0 43	26 31	3 34	19 7	1 36	19 21	0 46	7 11	1 47	10 38	0 32	19 36	1 40	9 46	11 54	22 35	22 39	18 11	12 3	7 19
S 22	20 6	3 47	5 1	21 28	0 49	26 19	3 23	18 54	1 35	19 18	0 46	7 10	1 48	10 39	0 32	19 36	1 40	9 45	11 54	22 35	22 39	18 9	12 2	7 20
S 23	20 18	2n10	4 30	21 52	0 55	26 6	3 12	18 40	1 33	19 16	0 46	7 8	1 48	10 40	0 32	19 36	1 40	9 45	11 54	22 35	22 38	18 7	12 2	7 21
M24	20 31	7 58	3 43	22 15	1 1	25 52	3 0	18 27	1 32	19 13	0 46	7 7	1 48	10 41	0 32	19 35	1 40	9 45	11 54	22 35	22 38	18 5	12 1	7 21
T 25	20 43	13 18	2 44	22 37	1 7	25 37	2 48	18 13	1 31	19 11	0 46	7 6	1 48	10 42	0 32	19 35	1 40	9 45	11 54	22 34	22 38	18 3	12 1	7 22
W26	20 54	17 55	1 37	22 58	1 13	25 21	2 35	17 59	1 30	19 8	0 45	7 5	1 49	10 43	0 32	19 35	1 40	9 45	11 54	22 34	22 37	18 1	12 0	7 23
T 27	21 6	21 33	0 25	23 17	1 18	25 5	2 22	17 44	1 29	19 6	0 45	7 4	1 49	10 45	0 32	19 34	1 40	9 45	11 54	22 34	22 37	17 59	12 0	7 23
F 28	21 17	24 1	0n46	23 36	1 24	24 48	2 8	17 30	1 28	19 3	0 45	7 3	1 49	10 46	0 32	19 34	1 40	9 45	11 54	22 34	22 37	17 57	12 0	7 24
S 29	21 27	25 13	1 53	23 53	1 29	24 30	1 54	17 16	1 26	19 0	0 45	7 2	1 49	10 47	0 32	19 34	1 40	9 44	11 54	22 34	22 36	17 55	11 59	7 25
S 30	21s37	25n 8	2n54	24s 9	1s34	24s12	1s39	17s 1	1s25	18s58	0s45	7n 1	1n50	10s48	0n32	19n34	1s40	9n44	11s54	22n34	22n36	17n53	11n59	7s25

Julian Day Number = 2411672.5, Delta T = -4.05 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°12'57, Lahiri = 22°19'57

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ASTRODIENST EPHEMERIS for the year 1890
geocentric

DECEMBER 1890 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	4 39 12	8♐46'53	29♋59	16♐28	13°R57	18♒ 2	8♒21	16♍32	29♎32	5°R18	6°R52	14♊41	14♊51	24♌40	4°R16	M 1
T 2	4 43 9	9°47'44	11♌59	18° 1	13♐21	18°46	8°31	16°35	29°35	5♊17	6♊51	14°42	14°48	24°47	4♌14	T 2
W 3	4 47 5	10°48'36	23°52	19°34	12°45	19°31	8°42	16°38	29°39	5°15	6°49	14°42	14°45	24°53	4°12	W 3
T 4	4 51 2	11°49'30	5♍44	21° 7	12° 9	20°16	8°53	16°41	29°42	5°13	6°48	14°43	14°42	25° 0	4°11	T 4
F 5	4 54 59	12°50'25	17°39	22°40	11°32	21° 0	9° 3	16°43	29°45	5°12	6°47	14°R43	14°38	25° 7	4° 9	F 5
S 6	4 58 55	13°51'21	29°43	24°13	10°56	21°45	9°14	16°45	29°48	5°10	6°46	14°42	14°35	25°14	4° 7	S 6
S 7	5 2 52	14°52'18	11♎59	25°46	10°20	22°30	9°25	16°48	29°51	5° 8	6°45	14°D42	14°32	25°20	4° 5	S 7
M 8	5 6 48	15°53'17	24°32	27°19	9°45	23°14	9°36	16°50	29°53	5° 7	6°44	14°43	14°29	25°27	4° 3	M 8
T 9	5 10 45	16°54'16	7♏25	28°52	9°11	23°59	9°48	16°52	29°56	5° 5	6°43	14°43	14°26	25°34	4° 1	T 9
W10	5 14 41	17°55'17	20°39	0♑25	8°38	24°44	9°59	16°54	29°59	5° 3	6°41	14°43	14°23	25°40	3°58	W10
T 11	5 18 38	18°56'19	4♐16	1°57	8° 7	25°29	10°10	16°56	0♏ 2	5° 2	6°40	14°43	14°19	25°47	3°56	T 11
F 12	5 22 34	19°57'22	18°13	3°30	7°37	26°14	10°22	16°58	0° 5	5° 0	6°39	14°R43	14°16	25°54	3°54	F 12
S 13	5 26 31	20°58'25	2♑27	5° 2	7° 8	26°59	10°33	16°59	0° 8	4°58	6°38	14°43	14°13	26° 1	3°51	S 13
S 14	5 30 28	21°59'30	16°54	6°33	6°42	27°43	10°45	17° 1	0°10	4°57	6°37	14°43	14°10	26° 7	3°48	S 14
M15	5 34 24	23° 0'35	1♒27	8° 4	6°18	28°28	10°57	17° 2	0°13	4°55	6°36	14°42	14° 7	26°14	3°46	M15
T 16	5 38 21	24° 1'40	16° 0	9°35	5°56	29°13	11° 9	17° 4	0°15	4°54	6°35	14°40	14° 4	26°21	3°43	T 16
W17	5 42 17	25° 2'45	0♓29	11° 5	5°36	29°58	11°21	17° 5	0°18	4°52	6°34	14°39	14° 0	26°27	3°40	W17
T 18	5 46 14	26° 3'51	14°48	12°35	5°18	0♓43	11°33	17° 6	0°21	4°50	6°33	14°39	13°57	26°34	3°37	T 18
F 19	5 50 10	27° 4'57	28°55	14° 3	5° 3	1°28	11°45	17° 7	0°23	4°49	6°32	14°D39	13°54	26°41	3°34	F 19
S 20	5 54 7	28° 6'04	12♈49	15°30	4°50	2°13	11°57	17° 8	0°26	4°47	6°31	14°39	13°51	26°48	3°31	S 20
S 21	5 58 4	29° 7'10	26°28	16°56	4°40	2°58	12° 9	17° 9	0°28	4°46	6°30	14°40	13°48	26°54	3°28	S 21
M22	6 2 0	0♑ 8'17	9♉53	18°20	4°32	3°43	12°22	17° 9	0°30	4°44	6°29	14°41	13°44	27° 1	3°24	M22
T 23	6 5 57	1° 9'24	23° 4	19°43	4°27	4°28	12°34	17°10	0°33	4°43	6°28	14°42	13°41	27° 8	3°21	T 23
W24	6 9 53	2°10'31	6♊ 2	21° 3	4°24	5°12	12°47	17°10	0°35	4°41	6°26	14°43	13°38	27°14	3°18	W24
T 25	6 13 50	3°11'38	18°48	22°20	4°D23	5°57	12°59	17°11	0°37	4°40	6°25	14°R43	13°35	27°21	3°14	T 25
F 26	6 17 46	4°12'46	1♋23	23°34	4°25	6°42	13°12	17°11	0°39	4°39	6°24	14°43	13°32	27°28	3°11	F 26
S 27	6 21 43	5°13'54	13°46	24°45	4°30	7°27	13°25	17°11	0°41	4°37	6°24	14°41	13°29	27°35	3° 7	S 27
S 28	6 25 39	6°15'02	25°59	25°51	4°37	8°12	13°37	17°R11	0°44	4°36	6°23	14°38	13°25	27°41	3° 3	S 28
M29	6 29 36	7°16'10	8♌ 3	26°52	4°46	8°57	13°50	17°11	0°46	4°34	6°22	14°34	13°22	27°48	3° 0	M29
T 30	6 33 33	8°17'19	20° 0	27°47	4°57	9°42	14° 3	17°11	0°48	4°33	6°21	14°30	13°19	27°55	2°56	T 30
W31	6 37 29	9♑18'28	1♍53	28♑35	5♐11	10♓27	14♒16	17♍11	0♏50	4♊32	6♊20	14♊26	13♊16	28♌ 2	2♌52	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21s47	23n50	3n46	24s24	1s39	23s53	1s25	16s46	1s24	18s55	0s45	7n 0	1n50	10s49	0n32	19n33	1s40	9n44	11s54	22n34	22n36	17n51	11n58	7s26
T 2	21 56	21 29	4 27	24 38	1 43	23 34	1 9	16 31	1 23	18 52	0 45	6 59	1 50	10 50	0 32	19 33	1 40	9 44	11 53	22 35	22 35	17 49	11 58	7 27
W 3	22 5	18 14	4 57	24 50	1 48	23 14	0 54	16 16	1 22	18 50	0 45	6 58	1 50	10 51	0 32	19 33	1 40	9 44	11 53	22 35	22 35	17 47	11 58	7 27
T 4	22 13	14 16	5 13	25 1	1 52	22 54	0 39	16 1	1 21	18 47	0 45	6 58	1 51	10 52	0 32	19 32	1 40	9 44	11 53	22 35	22 35	17 45	11 58	7 28
F 5	22 21	9 44	5 17	25 10	1 55	22 34	0 23	15 46	1 19	18 44	0 45	6 57	1 51	10 53	0 32	19 32	1 40	9 44	11 53	22 35	22 34	17 43	11 58	7 29
S 6	22 29	4 48	5 6	25 19	1 59	22 13	0 7	15 30	1 18	18 41	0 45	6 56	1 51	10 54	0 32	19 32	1 40	9 44	11 53	22 35	22 34	17 41	11 57	7 29
S 7	22 36	0s25	4 42	25 25	2 2	21 53	0n 8	15 14	1 17	18 38	0 45	6 56	1 51	10 55	0 32	19 32	1 40	9 43	11 53	22 35	22 33	17 39	11 57	7 30
M 8	22 42	5 44	4 4	25 31	2 5	21 32	0 24	14 59	1 16	18 35	0 45	6 55	1 52	10 56	0 32	19 31	1 40	9 43	11 53	22 35	22 33	17 37	11 57	7 30
T 9	22 49	10 57	3 13	25 35	2 8	21 12	0 39	14 43	1 15	18 32	0 45	6 54	1 52	10 57	0 32	19 31	1 40	9 43	11 53	22 35	22 33	17 35	11 57	7 31
W10	22 54	15 51	2 10	25 38	2 10	20 52	0 54	14 27	1 14	18 29	0 45	6 54	1 52	10 58	0 32	19 31	1 40	9 43	11 53	22 35	22 32	17 33	11 57	7 32
T 11	23 0	20 4	0 58	25 39	2 12	20 32	1 9	14 10	1 13	18 26	0 45	6 53	1 52	10 59	0 32	19 31	1 40	9 43	11 53	22 35	22 32	17 31	11 57	7 32
F 12	23 4	23 15	0s19	25 38	2 14	20 13	1 23	13 54	1 11	18 23	0 45	6 53	1 53	11 0	0 32	19 30	1 40	9 43	11 53	22 35	22 32	17 29	11 57	7 33
S 13	23 9	25 3	1 37	25 36	2 15	19 55	1 37	13 38	1 10	18 19	0 45	6 52	1 53	11 1	0 32	19 30	1 40	9 43	11 53	22 35	22 31	17 27	11 57	7 33
S 14	23 13	25 11	2 49	25 33	2 16	19 37	1 51	13 21	1 9	18 16	0 45	6 52	1 53	11 2	0 32	19 30	1 40	9 43	11 53	22 35	22 31	17 25	11 57	7 34
M15	23 16	23 36	3 51	25 28	2 16	19 20	2 4	13 5	1 8	18 13	0 45	6 52	1 53	11 3	0 32	19 29	1 40	9 43	11 52	22 35	22 30	17 23	11 57	7 35
T 16	23 19	20 28	4 38	25 22	2 16	19 4	2 17	12 48	1 7	18 10	0 45	6 51	1 54	11 4	0 32	19 29	1 40	9 43	11 52	22 34	22 30	17 21	11 57	7 35
W17	23 22	16 5	5 7	25 14	2 15	18 48	2 29	12 31	1 6	18 6	0 45	6 51	1 54	11 5	0 32	19 29	1 40	9 43	11 52	22 34	22 30	17 19	11 57	7 36
T 18	23 24	10 51	5 16	25 4	2 14	18 34	2 41	12 14	1 5	18 3	0 45	6 51	1 54	11 6	0 32	19 29	1 40	9 43	11 52	22 34	22 29	17 17	11 57	7 36
F 19	23 25	5 7	5 7	24 54	2 12	18 20	2 52	11 57	1 4	18 0	0 45	6 51	1 55	11 7	0 32	19 28	1 40	9 43	11 52	22 34	22 29	17 15	11 58	7 37
S 20	23 26	0n47	4 39	24 41	2 9	18 7	3 2	11 40	1 2	17 56	0 45	6 51	1 55	11 7	0 32	19 28	1 40	9 42	11 52	22 34	22 29	17 13	11 58	7 37
S 21	23 27	6 33	3 56	24 28	2 6	17 56	3 13	11 23	1 1	17 53	0 45	6 51	1 55	11 8	0 32	19 28	1 40	9 42	11 52	22 34	22 28	17 10	11 58	7 38
M22	23 27	11 55	3 1	24 13	2 2	17 45	3 22	11 5	1 0	17 49	0 45	6 51	1 55	11 9	0 32	19 28	1 40	9 42	11 52	22 34	22 28	17 8	11 58	7 38
T 23	23 27	16 40	1 57	23 56	1 57	17 35	3 31	10 48	0 59	17 46	0 45	6 51	1 56	11 10	0 32	19 27	1 40	9 42	11 51	22 35	22 27	17 6	11 59	7 38
W24	23 26	20 33	0 48	23 39	1 51	17 26	3 39	10 30	0 58	17 42	0 45	6 51	1 56	11 11	0 32	19 27	1 40	9 42	11 51	22 35	22 27	17 4	11 59	7 39
T 25	23 25	23 21	0n23	23 20	1 45	17 19	3 47	10 13	0 57	17 39	0 45	6 51	1 56	11 11	0 32	19 27	1 40	9 42	11 51	22 35	22 27	17 2	11 59	7 39
F 26	23 23	24 57	1 31	23 0	1 38	17 12	3 54	9 55	0 56	17 35	0 45	6 51	1 56	11 12	0 32	19 27	1 40	9 42	11 51	22 35	22 26	17 0	12 0	7 40
S 27	23 21	25 17	2 33	22 39	1 29	17 6	4 1	9 37	0 55	17 31	0 45	6 51	1 57	11 13	0 32	19 27	1 40	9 42	11 51	22 34	22 26	16 58	12 0	7 40
S 28	23 18	24 22	3 28	22 18	1 20	17 1	4 7	9 20	0 54	17 28	0 45	6 52	1 57	11 14	0 32	19 26	1 40	9 42	11 51	22 34	22 25	16 56	12 1	7 41
M29	23 15	22 20	4 12	21 56	1 10	16 57	4 13	9 2	0 53	17 24	0 45	6 52	1 57	11 14	0 32	19 26	1 40	9 42	11 51	22 34	22 25	16 54	12 1	7 41
T 30	23 12	19 20	4 46	21 34	0 58	16 54	4 19	8 44	0 51	17 20	0 45	6 52	1 58	11 15	0 32	19 26	1 40	9 42	11 50	22 33	22 25	16 51	12 1	7 41
W31	23s 8	15n34	5n 6	21s12	0s46	16s51	4n23	8s26	0s50	17s17	0s45	6n53	1n58	11s16	0n32	19n26	1s40	9n42	11s50	22n33	22n24	16n49	12n 2	7s42

Julian Day Number = 2411702.5, Delta T = -4.07 sec
Ecliptic obliquity = 23°27'14, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°13'01, Lahiri = 22°20'01

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ASTRODIENST EPHEMERIS for the year 1891
geocentric

JANUARY 1891 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 41 26	10♑19'37	13♍44	29♑17	5♐27	11♓12	14♒29	17°R10	0♏51	4°R30	6°R19	14°R22	13♊13	28♌ 8	2°R48	T 1
F 2	6 45 22	11°20'46	25°38	29°49	5°44	11°56	14°42	17♍10	0°53	4♊29	6♊18	14♊20	13°10	28°15	2♌44	F 2
S 3	6 49 19	12°21'56	7♎38	0♒13	6° 4	12°41	14°56	17° 9	0°55	4°28	6°17	14°D18	13° 6	28°22	2°40	S 3
S 4	6 53 15	13°23'06	19°51	0°26	6°26	13°26	15° 9	17° 8	0°57	4°26	6°16	14°19	13° 3	28°28	2°36	S 4
M 5	6 57 12	14°24'16	2♏19	0°R28	6°49	14°11	15°22	17° 7	0°59	4°25	6°15	14°20	13° 0	28°35	2°32	M 5
T 6	7 1 8	15°25'26	15° 8	0°19	7°15	14°56	15°36	17° 6	1° 0	4°24	6°14	14°21	12°57	28°42	2°28	T 6
W 7	7 5 5	16°26'37	28°22	29♑58	7°42	15°41	15°49	17° 5	1° 2	4°23	6°13	14°23	12°54	28°49	2°24	W 7
T 8	7 9 2	17°27'47	12♐ 2	29°26	8°11	16°25	16° 2	17° 4	1° 3	4°22	6°13	14°R24	12°50	28°55	2°20	T 8
F 9	7 12 58	18°28'58	26° 9	28°42	8°41	17°10	16°16	17° 3	1° 5	4°21	6°12	14°23	12°47	29° 2	2°15	F 9
S 10	7 16 55	19°30'08	10♑40	27°47	9°13	17°55	16°30	17° 1	1° 6	4°19	6°11	14°21	12°44	29° 9	2°11	S 10
S 11	7 20 51	20°31'18	25°30	26°43	9°46	18°40	16°43	17° 0	1° 8	4°18	6°10	14°17	12°41	29°15	2° 7	S 11
M12	7 24 48	21°32'28	10♒30	25°32	10°21	19°24	16°57	16°58	1° 9	4°17	6° 9	14°12	12°38	29°22	2° 2	M12
T 13	7 28 44	22°33'37	25°32	24°16	10°57	20° 9	17°11	16°57	1°10	4°16	6° 9	14° 6	12°35	29°29	1°58	T 13
W14	7 32 41	23°34'46	10♓26	22°58	11°35	20°54	17°24	16°55	1°11	4°15	6° 8	14° 0	12°31	29°36	1°54	W14
T 15	7 36 38	24°35'53	25° 5	21°39	12°14	21°39	17°38	16°53	1°13	4°14	6° 7	13°55	12°28	29°42	1°49	T 15
F 16	7 40 34	25°37'00	9♈23	20°23	12°54	22°23	17°52	16°51	1°14	4°13	6° 7	13°52	12°25	29°49	1°45	F 16
S 17	7 44 31	26°38'06	23°19	19°10	13°35	23° 8	18° 6	16°49	1°15	4°13	6° 6	13°D51	12°22	29°56	1°40	S 17
S 18	7 48 27	27°39'11	6♉52	18° 5	14°17	23°53	18°20	16°46	1°16	4°12	6° 5	13°51	12°19	0♍ 2	1°36	S 18
M19	7 52 24	28°40'16	20° 4	17° 6	15° 0	24°37	18°34	16°44	1°17	4°11	6° 5	13°52	12°16	0° 9	1°31	M19
T 20	7 56 20	29°41'19	2♊59	16°16	15°45	25°22	18°48	16°42	1°18	4°10	6° 4	13°54	12°12	0°16	1°27	T 20
W21	8 0 17	0♒42'22	15°38	15°35	16°30	26° 6	19° 2	16°39	1°19	4° 9	6° 3	13°R54	12° 9	0°23	1°22	W21
T 22	8 4 13	1°43'24	28° 5	15° 4	17°17	26°51	19°16	16°37	1°19	4° 8	6° 3	13°53	12° 6	0°29	1°18	T 22
F 23	8 8 10	2°44'25	10♋22	14°41	18° 4	27°35	19°30	16°34	1°20	4° 8	6° 2	13°49	12° 3	0°36	1°13	F 23
S 24	8 12 7	3°45'24	22°32	14°28	18°52	28°20	19°44	16°31	1°21	4° 7	6° 2	13°44	12° 0	0°43	1° 9	S 24
S 25	8 16 3	4°46'23	4♌35	14°D23	19°41	29° 4	19°58	16°28	1°21	4° 6	6° 1	13°35	11°56	0°50	1° 4	S 25
M26	8 20 0	5°47'22	16°33	14°26	20°31	29°49	20°12	16°25	1°22	4° 6	6° 1	13°25	11°53	0°56	1° 0	M26
T 27	8 23 56	6°48'19	28°27	14°36	21°21	0♈33	20°26	16°22	1°22	4° 5	6° 0	13°14	11°50	1° 3	0°56	T 27
W28	8 27 53	7°49'15	10♍19	14°53	22°13	1°18	20°41	16°19	1°23	4° 5	6° 0	13° 4	11°47	1°10	0°51	W28
T 29	8 31 49	8°50'11	22°11	15°17	23° 5	2° 2	20°55	16°16	1°23	4° 4	5°59	12°54	11°44	1°16	0°47	T 29
F 30	8 35 46	9°51'05	4♎ 6	15°46	23°58	2°46	21° 9	16°13	1°24	4° 4	5°59	12°46	11°41	1°23	0°42	F 30
S 31	8 39 42	10♒51'59	16♎ 5	16♑21	24♐51	3♈30	21♒23	16♍ 9	1♏24	4♊ 3	5♊58	12♊40	11♊37	1♍30	0♌38	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
T 1	23s 3	11n13	5n13	20s50	0s32	16s50	4n28	8s 8	0s49	17s13	0s45	6n53	1n58	11s16	0n33	19n25	1s39	9n42	11s50	22n32	22n24	16n47	12n 2	7s42	T 1
F 2	22 58	6 26	5 7	20 29	0 17	16 49	4 32	7 50	0 48	17 9	0 45	6 53	1 58	11 17	0 33	19 25	1 39	9 42	11 50	22 32	22 24	16 45	12 3	7 42	F 2
S 3	22 53	1 23	4 48	20 8	0 1	16 49	4 35	7 32	0 47	17 5	0 45	6 54	1 59	11 18	0 33	19 25	1 39	9 43	11 50	22 32	22 23	16 43	12 4	7 43	S 3
S 4	22 47	3s49	4 15	19 49	0n16	16 49	4 38	7 13	0 46	17 1	0 45	6 54	1 59	11 18	0 33	19 25	1 39	9 43	11 49	22 32	22 23	16 41	12 4	7 43	S 4
M 5	22 40	9 0	3 30	19 31	0 34	16 51	4 41	6 55	0 45	16 57	0 45	6 55	1 59	11 19	0 33	19 25	1 39	9 43	11 49	22 32	22 22	16 38	12 5	7 43	M 5
T 6	22 34	13 57	2 33	19 14	0 52	16 52	4 43	6 37	0 44	16 53	0 45	6 56	1 59	11 19	0 33	19 25	1 39	9 43	11 49	22 32	22 22	16 36	12 5	7 43	T 6
W 7	22 26	18 24	1 27	19 0	1 11	16 55	4 45	6 19	0 43	16 49	0 45	6 56	2 0	11 20	0 33	19 24	1 39	9 43	11 49	22 32	22 22	16 34	12 6	7 44	W 7
T 8	22 19	22 2	0 13	18 48	1 31	16 58	4 47	6 0	0 42	16 45	0 45	6 57	2 0	11 20	0 33	19 24	1 39	9 43	11 49	22 32	22 21	16 32	12 7	7 44	T 8
F 9	22 11	24 28	1s 4	18 39	1 49	17 1	4 48	5 42	0 41	16 41	0 45	6 58	2 0	11 21	0 33	19 24	1 39	9 43	11 48	22 32	22 21	16 30	12 7	7 44	F 9
S 10	22 2	25 19	2 18	18 32	2 8	17 5	4 49	5 23	0 40	16 37	0 45	6 59	2 0	11 21	0 33	19 24	1 39	9 43	11 48	22 32	22 20	16 28	12 8	7 44	S 10
S 11	21 53	24 25	3 25	18 27	2 25	17 9	4 50	5 5	0 39	16 33	0 45	6 59	2 1	11 22	0 33	19 24	1 39	9 43	11 48	22 32	22 20	16 25	12 9	7 45	S 11
M12	21 44	21 45	4 18	18 25	2 41	17 13	4 50	4 46	0 38	16 29	0 45	7 0	2 1	11 22	0 33	19 24	1 39	9 43	11 48	22 31	22 20	16 23	12 10	7 45	M12
T 13	21 34	17 37	4 54	18 24	2 55	17 18	4 51	4 28	0 37	16 25	0 45	7 1	2 1	11 23	0 33	19 23	1 39	9 43	11 48	22 30	22 19	16 21	12 11	7 45	T 13
W14	21 24	12 25	5 9	18 26	3 6	17 23	4 50	4 9	0 36	16 21	0 45	7 2	2 1	11 23	0 33	19 23	1 39	9 43	11 47	22 30	22 19	16 19	12 11	7 45	W14
T 15	21 13	6 36	5 4	18 29	3 16	17 29	4 50	3 51	0 35	16 17	0 45	7 3	2 2	11 23	0 33	19 23	1 39	9 43	11 47	22 29	22 18	16 17	12 12	7 45	T 15
F 16	21 2	0 34	4 40	18 34	3 23	17 34	4 49	3 32	0 34	16 12	0 45	7 4	2 2	11 24	0 33	19 23	1 39	9 44	11 47	22 29	22 18	16 14	12 13	7 45	F 16
S 17	20 50	5n21	4 0	18 40	3 27	17 40	4 48	3 14	0 33	16 8	0 45	7 5	2 2	11 24	0 33	19 23	1 39	9 44	11 47	22 29	22 17	16 12	12 14	7 45	S 17
S 18	20 39	10 52	3 7	18 47	3 29	17 46	4 47	2 55	0 32	16 4	0 45	7 6	2 2	11 24	0 33	19 23	1 39	9 44	11 46	22 29	22 17	16 10	12 15	7 45	S 18
M19	20 26	15 46	2 5	18 55	3 28	17 52	4 46	2 36	0 31	16 0	0 45	7 7	2 3	11 25	0 33	19 23	1 39	9 44	11 46	22 29	22 17	16 8	12 16	7 45	M19
T 20	20 14	19 48	0 59	19 4	3 26	17 59	4 44	2 18	0 30	15 55	0 45	7 9	2 3	11 25	0 33	19 23	1 39	9 44	11 46	22 29	22 16	16 5	12 17	7 45	T 20
W21	20 1	22 50	0n 9	19 13	3 21	18 5	4 43	1 59	0 29	15 51	0 45	7 10	2 3	11 25	0 33	19 23	1 39	9 44	11 46	22 29	22 16	16 3	12 17	7 46	W21
T 22	19 47	24 42	1 16	19 22	3 15	18 11	4 41	1 41	0 28	15 47	0 46	7 11	2 3	11 26	0 33	19 22	1 38	9 44	11 45	22 29	22 15	16 1	12 18	7 46	T 22
F 23	19 34	25 20	2 18	19 32	3 8	18 17	4 39	1 22	0 27	15 42	0 46	7 12	2 4	11 26	0 33	19 22	1 38	9 45	11 45	22 28	22 15	15 59	12 19	7 45	F 23
S 24	19 19	24 44	3 12	19 41	3 0	18 24	4 36	1 3	0 26	15 38	0 46	7 14	2 4	11 26	0 33	19 22	1 38	9 45	11 45	22 28	22 15	15 56	12 20	7 45	S 24
S 25	19 5	22 58	3 58	19 51	2 51	18 30	4 34	0 45	0 25	15 33	0 46	7 15	2 4	11 26	0 33	19 22	1 38	9 45	11 45	22 27	22 14	15 54	12 21	7 45	S 25
M26	18 50	20 13	4 32	20 0	2 41	18 36	4 31	0 26	0 24	15 29	0 46	7 16	2 4	11 26	0 33	19 22	1 38	9 45	11 44	22 25	22 14	15 52	12 22	7 45	M26
T 27	18 35	16 37	4 55	20 9	2 31	18 42	4 29	0 8	0 23	15 24	0 46	7 18	2 5	11 27	0 33	19 22	1 38	9 45	11 44	22 24	22 13	15 50	12 23	7 45	T 27
W28	18 19	12 23	5 4	20 18	2 20	18 48	4 26	0n11	0 22	15 20	0 46	7 19	2 5	11 27	0 33	19 22	1 38	9 45	11 44	22 23	22 13	15 47	12 24	7 45	W28
T 29	18 4	7 42	5 1	20 26	2 10	18 54	4 23	0 29	0 21	15 15	0 46	7 21	2 5	11 27	0 33	19 22	1 38	9 46	11 44	22 22	22 12	15 45	12 25	7 45	T 29
F 30	17 48	2 43	4 44	20 33	1 59	19 0	4 19	0 48	0 20	15 11	0 46	7 22	2 5	11 27	0 33	19 22	1 38	9 46	11 43	22 21	22 12	15 43	12 26	7 45	F 30
S 31	17s31	2s25	4n15	20s40	1n48	19s 5	4n16	1n 6	0s19	15s 6	0s46	7n24	2n 5	11s27	0n33	19n22	1s38	9n46	11s43	22n20	22n12	15n41	12n27	7s45	S 31

Julian Day Number = 2411733.5, Delta T = -4.09 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°13'05, Lahiri = 22°20'06

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ASTRODIENST EPHEMERIS for the year 1891
geocentric

FEBRUARY 1891 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 43 39	11♒52'52	28♎15	17♑ 1	25♐45	4♈15	21♒38	16°R 6	1♏24	4°R 3	5°R58	12°R36	11♊34	1♍37	0°R33	S 1
M 2	8 47 35	12°53'45	10♏38	17°45	26°40	4°59	21°52	16♍ 2	1°24	4♊ 2	5♊58	12°D35	11°31	1°43	0♌29	M 2
T 3	8 51 32	13°54'36	23°20	18°33	27°35	5°43	22° 6	15°58	1°24	4° 2	5°57	12♊36	11°28	1°50	0°25	T 3
W 4	8 55 29	14°55'27	6♐26	19°25	28°31	6°27	22°21	15°55	1°25	4° 2	5°57	12°R36	11°25	1°57	0°20	W 4
T 5	8 59 25	15°56'17	19°59	20°20	29°28	7°11	22°35	15°51	1°R25	4° 1	5°57	12°36	11°22	2° 3	0°16	T 5
F 6	9 3 22	16°57'06	4♑ 1	21°18	0♑25	7°56	22°49	15°47	1°24	4° 1	5°56	12°34	11°18	2°10	0°12	F 6
S 7	9 7 18	17°57'54	18°32	22°19	1°22	8°40	23° 4	15°43	1°24	4° 1	5°56	12°30	11°15	2°17	0° 8	S 7
S 8	9 11 15	18°58'40	3♒28	23°22	2°20	9°24	23°18	15°39	1°24	4° 1	5°56	12°23	11°12	2°24	0° 3	S 8
M 9	9 15 11	19°59'26	18°41	24°28	3°18	10° 8	23°33	15°35	1°24	4° 0	5°56	12°13	11° 9	2°30	29♋59	M 9
T 10	9 19 8	21° 0'10	4♓ 0	25°36	4°17	10°52	23°47	15°31	1°24	4° 0	5°55	12° 3	11° 6	2°37	29°55	T 10
W11	9 23 5	22° 0'52	19°15	26°46	5°17	11°36	24° 1	15°27	1°23	4° 0	5°55	11°52	11° 2	2°44	29°51	W11
T 12	9 27 1	23° 1'33	4♈14	27°58	6°16	12°20	24°16	15°23	1°23	4° 0	5°55	11°43	10°59	2°51	29°47	T 12
F 13	9 30 58	24° 2'13	18°50	29°12	7°17	13° 3	24°30	15°19	1°23	4°D 0	5°55	11°36	10°56	2°57	29°43	F 13
S 14	9 34 54	25° 2'51	2♉58	0♒27	8°17	13°47	24°45	15°14	1°22	4° 0	5°55	11°32	10°53	3° 4	29°39	S 14
S 15	9 38 51	26° 3'26	16°37	1°44	9°18	14°31	24°59	15°10	1°22	4° 0	5°55	11°30	10°50	3°11	29°36	S 15
M16	9 42 47	27° 4'01	29°50	3° 3	10°19	15°15	25°14	15° 5	1°21	4° 0	5°55	11°D30	10°47	3°17	29°32	M16
T 17	9 46 44	28° 4'33	12♊40	4°23	11°21	15°59	25°28	15° 1	1°20	4° 0	5°55	11°R30	10°43	3°24	29°28	T 17
W18	9 50 40	29° 5'04	25°11	5°44	12°23	16°42	25°42	14°57	1°20	4° 0	5°55	11°30	10°40	3°31	29°24	W18
T 19	9 54 37	0♓ 5'33	7♋28	7° 6	13°25	17°26	25°57	14°52	1°19	4° 1	5°D55	11°27	10°37	3°38	29°21	T 19
F 20	9 58 34	1° 6'00	19°34	8°30	14°27	18°10	26°11	14°47	1°18	4° 1	5°55	11°22	10°34	3°44	29°17	F 20
S 21	10 2 30	2° 6'25	1♌34	9°55	15°30	18°53	26°26	14°43	1°17	4° 1	5°55	11°13	10°31	3°51	29°14	S 21
S 22	10 6 27	3° 6'48	13°29	11°21	16°33	19°37	26°40	14°38	1°16	4° 1	5°55	11° 2	10°27	3°58	29°11	S 22
M23	10 10 23	4° 7'10	25°22	12°48	17°37	20°20	26°54	14°34	1°15	4° 2	5°55	10°49	10°24	4° 4	29° 7	M23
T 24	10 14 20	5° 7'29	7♍15	14°17	18°41	21° 4	27° 9	14°29	1°14	4° 2	5°55	10°34	10°21	4°11	29° 4	T 24
W25	10 18 16	6° 7'48	19° 8	15°46	19°45	21°47	27°23	14°24	1°13	4° 2	5°55	10°19	10°18	4°18	29° 1	W25
T 26	10 22 13	7° 8'04	1♎ 3	17°17	20°49	22°31	27°37	14°19	1°12	4° 3	5°55	10° 5	10°15	4°25	28°58	T 26
F 27	10 26 9	8° 8'19	13° 2	18°48	21°53	23°14	27°52	14°15	1°11	4° 3	5°55	9°54	10°12	4°31	28°55	F 27
S 28	10 30 6	9♓ 8'32	25♎ 6	20♒21	22♑58	23♈57	28♒ 6	14♍10	1♏10	4♊ 4	5♊55	9♊45	10♊ 8	4♍38	28♋52	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s14	7s32	3n34	20s46	1n37	19s11	4n13	1n25	0s18	15s 2	0s46	7n25	2n 6	11s27	0n33	19n22	1s38	9n46	11s43	22n19	22n11	15n38	12n28	7s45
M 2	16 57	12 27	2 42	20 52	1 26	19 16	4 9	1 43	0 17	14 57	0 46	7 27	2 6	11 27	0 33	19 22	1 38	9 46	11 43	22 19	22 11	15 36	12 30	7 44
T 3	16 40	16 59	1 41	20 56	1 15	19 21	4 5	2 1	0 16	14 53	0 46	7 28	2 6	11 27	0 33	19 22	1 38	9 47	11 42	22 19	22 10	15 34	12 31	7 44
W 4	16 22	20 51	0 33	20 59	1 4	19 25	4 2	2 20	0 15	14 48	0 46	7 30	2 6	11 27	0 33	19 22	1 38	9 47	11 42	22 19	22 10	15 31	12 32	7 44
T 5	16 4	23 44	0s39	21 2	0 54	19 29	3 58	2 38	0 15	14 43	0 46	7 32	2 6	11 27	0 33	19 22	1 38	9 47	11 42	22 19	22 9	15 29	12 33	7 44
F 6	15 46	25 15	1 51	21 3	0 43	19 33	3 54	2 56	0 14	14 39	0 46	7 33	2 7	11 27	0 33	19 22	1 38	9 47	11 42	22 19	22 9	15 27	12 34	7 44
S 7	15 27	25 7	2 59	21 4	0 33	19 37	3 50	3 14	0 13	14 34	0 46	7 35	2 7	11 27	0 33	19 22	1 38	9 47	11 41	22 19	22 9	15 24	12 35	7 43
S 8	15 9	23 13	3 56	21 3	0 23	19 40	3 46	3 33	0 12	14 29	0 46	7 37	2 7	11 27	0 33	19 22	1 37	9 48	11 41	22 18	22 8	15 22	12 36	7 43
M 9	14 50	19 37	4 37	21 1	0 13	19 43	3 41	3 51	0 11	14 25	0 46	7 38	2 7	11 27	0 33	19 22	1 37	9 48	11 41	22 16	22 8	15 20	12 37	7 43
T 10	14 30	14 41	4 59	20 58	0 4	19 46	3 37	4 9	0 10	14 20	0 46	7 40	2 7	11 27	0 33	19 22	1 37	9 48	11 40	22 15	22 7	15 17	12 38	7 42
W11	14 11	8 51	4 59	20 54	0s 5	19 48	3 33	4 27	0 9	14 15	0 47	7 42	2 8	11 27	0 33	19 22	1 37	9 48	11 40	22 14	22 7	15 15	12 39	7 42
T 12	13 51	2 35	4 39	20 49	0 14	19 50	3 28	4 45	0 8	14 10	0 47	7 44	2 8	11 26	0 33	19 22	1 37	9 49	11 40	22 12	22 6	15 13	12 41	7 42
F 13	13 31	3n40	4 1	20 42	0 23	19 52	3 24	5 3	0 7	14 6	0 47	7 45	2 8	11 26	0 33	19 22	1 37	9 49	11 40	22 11	22 6	15 10	12 42	7 42
S 14	13 11	9 33	3 9	20 34	0 31	19 53	3 19	5 21	0 7	14 1	0 47	7 47	2 8	11 26	0 34	19 22	1 37	9 49	11 39	22 11	22 5	15 8	12 43	7 41
S 15	12 50	14 46	2 8	20 25	0 39	19 54	3 15	5 38	0 6	13 56	0 47	7 49	2 8	11 26	0 34	19 22	1 37	9 49	11 39	22 11	22 5	15 6	12 44	7 41
M16	12 30	19 8	1 1	20 15	0 47	19 54	3 10	5 56	0 5	13 51	0 47	7 51	2 8	11 26	0 34	19 22	1 37	9 50	11 39	22 11	22 5	15 3	12 45	7 40
T 17	12 9	22 26	0n 6	20 4	0 54	19 54	3 5	6 14	0 4	13 47	0 47	7 53	2 8	11 25	0 34	19 22	1 37	9 50	11 38	22 11	22 4	15 1	12 46	7 40
W18	11 48	24 34	1 12	19 51	1 2	19 53	3 1	6 31	0 3	13 42	0 47	7 55	2 9	11 25	0 34	19 23	1 37	9 50	11 38	22 10	22 4	14 59	12 47	7 40
T 19	11 27	25 27	2 13	19 37	1 8	19 52	2 56	6 49	0 2	13 37	0 47	7 57	2 9	11 25	0 34	19 23	1 37	9 50	11 38	22 10	22 3	14 56	12 48	7 39
F 20	11 5	25 6	3 7	19 21	1 15	19 50	2 51	7 6	0 2	13 32	0 47	7 58	2 9	11 24	0 34	19 23	1 37	9 51	11 38	22 9	22 3	14 54	12 50	7 39
S 21	10 44	23 35	3 52	19 5	1 21	19 48	2 46	7 23	0 1	13 27	0 47	8 0	2 9	11 24	0 34	19 23	1 37	9 51	11 37	22 8	22 2	14 52	12 51	7 38
S 22	10 22	21 2	4 26	18 47	1 27	19 46	2 41	7 41	0n 0	13 23	0 47	8 2	2 9	11 24	0 34	19 23	1 37	9 51	11 37	22 7	22 2	14 49	12 52	7 38
M23	10 0	17 36	4 49	18 28	1 33	19 43	2 36	7 58	0 1	13 18	0 47	8 4	2 9	11 23	0 34	19 23	1 37	9 52	11 37	22 5	22 1	14 47	12 53	7 37
T 24	9 38	13 28	4 59	18 7	1 38	19 39	2 31	8 15	0 2	13 13	0 48	8 6	2 9	11 23	0 34	19 23	1 37	9 52	11 36	22 3	22 1	14 44	12 54	7 37
W25	9 16	8 50	4 56	17 45	1 43	19 35	2 26	8 32	0 2	13 8	0 48	8 8	2 9	11 23	0 34	19 23	1 36	9 52	11 36	22 1	22 0	14 42	12 55	7 36
T 26	8 54	3 51	4 40	17 22	1 47	19 31	2 22	8 49	0 3	13 3	0 48	8 10	2 10	11 22	0 34	19 23	1 36	9 53	11 36	21 59	22 0	14 40	12 56	7 36
F 27	8 31	1s17	4 11	16 58	1 51	19 26	2 17	9 6	0 4	12 58	0 48	8 12	2 10	11 22	0 34	19 24	1 36	9 53	11 36	21 57	22 0	14 37	12 57	7 35
S 28	8s 9	6s26	3n32	16s32	1s55	19s20	2n12	9n22	0n 5	12s53	0s48	8n14	2n10	11s21	0n34	19n24	1s36	9n53	11s35	21n56	21n59	14n35	12n59	7s35

Julian Day Number = 2411764.5, Delta T = -4.11 sec
Ecliptic obliquity = 23°27'15, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°13'09, Lahiri = 22°20'10

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1891
geocentric

MARCH 1891 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 34 2	10♓ 8'43	7♏18	21♒55	24♉ 3	24♈41	28♒20	14°R 5	1°R 9	4♊ 4	5♊56	9°R39	10♊ 5	4♍45	28°R49	S 1
M 2	10 37 59	11° 8'53	19°42	23°30	25° 8	25°24	28°35	14♍ 0	1♏ 7	4° 5	5°56	9♊36	10° 2	4°52	28♋46	M 2
T 3	10 41 56	12° 9'02	2♐22	25° 5	26°14	26° 7	28°49	13°56	1° 6	4° 6	5°56	9°35	9°59	4°58	28°43	T 3
W 4	10 45 52	13° 9'09	15°22	26°42	27°19	26°50	29° 3	13°51	1° 4	4° 6	5°56	9°35	9°56	5° 5	28°41	W 4
T 5	10 49 49	14° 9'14	28°46	28°21	28°25	27°33	29°17	13°46	1° 3	4° 7	5°57	9°35	9°53	5°12	28°38	T 5
F 6	10 53 45	15° 9'18	12♑37	29°59	29°31	28°16	29°31	13°41	1° 2	4° 7	5°57	9°33	9°49	5°18	28°36	F 6
S 7	10 57 42	16° 9'21	26°56	1♓40	0♒38	28°59	29°45	13°36	1° 0	4° 8	5°57	9°28	9°46	5°25	28°33	S 7
S 8	11 1 38	17° 9'21	11♒41	3°21	1°44	29°42	29°59	13°32	0°58	4° 9	5°58	9°21	9°43	5°32	28°31	S 8
M 9	11 5 35	18° 9'20	26°47	5° 4	2°51	0♉25	0♓14	13°27	0°57	4°10	5°58	9°11	9°40	5°39	28°29	M 9
T 10	11 9 31	19° 9'17	12♓ 5	6°48	3°57	1° 8	0°28	13°22	0°55	4°11	5°59	9° 0	9°37	5°45	28°27	T 10
W11	11 13 28	20° 9'12	27°23	8°32	5° 4	1°51	0°42	13°17	0°54	4°11	5°59	8°49	9°33	5°52	28°25	W11
T 12	11 17 25	21° 9'05	12♈30	10°18	6°11	2°34	0°56	13°13	0°52	4°12	5°59	8°39	9°30	5°59	28°23	T 12
F 13	11 21 21	22° 8'56	27°17	12° 6	7°19	3°17	1°10	13° 8	0°50	4°13	6° 0	8°31	9°27	6° 5	28°21	F 13
S 14	11 25 18	23° 8'45	11♉36	13°54	8°26	4° 0	1°24	13° 3	0°48	4°14	6° 0	8°26	9°24	6°12	28°20	S 14
S 15	11 29 14	24° 8'32	25°26	15°43	9°33	4°42	1°38	12°58	0°46	4°15	6° 1	8°24	9°21	6°19	28°18	S 15
M16	11 33 11	25° 8'16	8♊46	17°34	10°41	5°25	1°51	12°54	0°44	4°16	6° 1	8°D23	9°18	6°26	28°16	M16
T 17	11 37 7	26° 7'59	21°41	19°26	11°49	6° 8	2° 5	12°49	0°42	4°17	6° 2	8°R24	9°14	6°32	28°15	T 17
W18	11 41 4	27° 7'39	4♋13	21°19	12°57	6°50	2°19	12°45	0°41	4°18	6° 3	8°23	9°11	6°39	28°14	W18
T 19	11 45 0	28° 7'16	16°29	23°14	14° 5	7°33	2°33	12°40	0°39	4°19	6° 3	8°22	9° 8	6°46	28°12	T 19
F 20	11 48 57	29° 6'52	28°32	25° 9	15°13	8°15	2°46	12°36	0°37	4°21	6° 4	8°18	9° 5	6°53	28°11	F 20
S 21	11 52 54	0♈ 6'25	10♌28	27° 6	16°21	8°58	3° 0	12°31	0°34	4°22	6° 4	8°11	9° 2	6°59	28°10	S 21
S 22	11 56 50	1° 5'56	22°20	29° 3	17°30	9°40	3°14	12°27	0°32	4°23	6° 5	8° 2	8°59	7° 6	28° 9	S 22
M23	12 0 47	2° 5'24	4♍12	1♈ 2	18°38	10°23	3°27	12°22	0°30	4°24	6° 6	7°51	8°55	7°13	28° 9	M23
T 24	12 4 43	3° 4'50	16° 5	3° 2	19°47	11° 5	3°41	12°18	0°28	4°25	6° 6	7°39	8°52	7°19	28° 8	T 24
W25	12 8 40	4° 4'15	28° 1	5° 3	20°55	11°47	3°54	12°14	0°26	4°27	6° 7	7°26	8°49	7°26	28° 7	W25
T 26	12 12 36	5° 3'37	10♎ 2	7° 4	22° 4	12°30	4° 8	12° 9	0°24	4°28	6° 8	7°15	8°46	7°33	28° 7	T 26
F 27	12 16 33	6° 2'57	22° 9	9° 6	23°13	13°12	4°21	12° 5	0°21	4°29	6° 9	7° 5	8°43	7°40	28° 6	F 27
S 28	12 20 29	7° 2'15	4♏24	11° 9	24°22	13°54	4°34	12° 1	0°19	4°31	6° 9	6°58	8°39	7°46	28° 6	S 28
S 29	12 24 26	8° 1'31	16°47	13°12	25°31	14°36	4°47	11°57	0°17	4°32	6°10	6°53	8°36	7°53	28° 6	S 29
M30	12 28 23	9° 0'46	29°20	15°15	26°41	15°18	5° 1	11°53	0°15	4°33	6°11	6°51	8°33	8° 0	28° 6	M30
T 31	12 32 19	9♈59'58	12♐ 8	17♈18	27♒50	16♉ 0	5♓14	11♍49	0♏12	4♊35	6♊12	6°D51	8♊30	8♍ 7	28°D 6	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	7s46	11s25	2n41	16s 5	1s59	19s14	2n 7	9n39	0n 6	12s49	0s48	8n16	2n10	11s21	0n34	19n24	1s36	9n53	11s35	21n55	21n59	14n32	13n 0	7s34	S 1
M 2	7 23	16 1	1 43	15 37	2 2	19 8	2 2	9 56	0 6	12 44	0 48	8 18	2 10	11 21	0 34	19 24	1 36	9 54	11 35	21 54	21 58	14 30	13 1	7 34	M 2
T 3	7 0	20 2	0 38	15 7	2 4	19 1	1 57	10 12	0 7	12 39	0 48	8 20	2 10	11 20	0 34	19 24	1 36	9 54	11 35	21 54	21 58	14 28	13 2	7 33	T 3
W 4	6 37	23 9	0s30	14 36	2 7	18 53	1 52	10 28	0 8	12 34	0 48	8 21	2 10	11 20	0 34	19 24	1 36	9 54	11 34	21 54	21 57	14 25	13 3	7 32	W 4
T 5	6 14	25 6	1 39	14 4	2 8	18 45	1 47	10 45	0 9	12 29	0 48	8 23	2 10	11 19	0 34	19 25	1 36	9 55	11 34	21 54	21 57	14 23	13 4	7 32	T 5
F 6	5 51	25 35	2 45	13 30	2 10	18 36	1 42	11 1	0 9	12 24	0 48	8 25	2 10	11 19	0 34	19 25	1 36	9 55	11 34	21 54	21 56	14 20	13 5	7 31	F 6
S 7	5 28	24 25	3 42	12 56	2 11	18 27	1 37	11 17	0 10	12 19	0 49	8 27	2 10	11 18	0 34	19 25	1 36	9 55	11 33	21 53	21 56	14 18	13 6	7 31	S 7
S 8	5 5	21 33	4 26	12 19	2 11	18 18	1 32	11 33	0 11	12 14	0 49	8 29	2 10	11 17	0 34	19 25	1 36	9 56	11 33	21 52	21 55	14 15	13 7	7 30	S 8
M 9	4 41	17 11	4 53	11 42	2 12	18 8	1 27	11 48	0 12	12 10	0 49	8 31	2 10	11 17	0 34	19 25	1 36	9 56	11 33	21 51	21 55	14 13	13 8	7 29	M 9
T 10	4 18	11 39	5 0	11 3	2 11	17 57	1 22	12 4	0 12	12 5	0 49	8 33	2 10	11 16	0 34	19 26	1 36	9 56	11 33	21 49	21 54	14 10	13 9	7 29	T 10
W11	3 54	5 24	4 45	10 23	2 11	17 46	1 17	12 20	0 13	12 0	0 49	8 35	2 10	11 16	0 34	19 26	1 36	9 57	11 32	21 47	21 54	14 8	13 10	7 28	W11
T 12	3 31	1n 6	4 10	9 42	2 9	17 34	1 12	12 35	0 14	11 55	0 49	8 37	2 10	11 15	0 34	19 26	1 36	9 57	11 32	21 46	21 53	14 6	13 11	7 28	T 12
F 13	3 7	7 25	3 19	9 0	2 8	17 22	1 8	12 51	0 14	11 50	0 49	8 38	2 10	11 14	0 34	19 26	1 36	9 57	11 32	21 44	21 53	14 3	13 12	7 27	F 13
S 14	2 43	13 9	2 17	8 16	2 6	17 9	1 3	13 6	0 15	11 45	0 49	8 40	2 10	11 14	0 34	19 27	1 35	9 58	11 31	21 44	21 52	14 1	13 13	7 26	S 14
S 15	2 20	18 2	1 8	7 31	2 3	16 56	0 58	13 21	0 16	11 40	0 49	8 42	2 11	11 13	0 34	19 27	1 35	9 58	11 31	21 43	21 52	13 58	13 14	7 26	S 15
M16	1 56	21 49	0n 2	6 45	2 0	16 43	0 53	13 36	0 16	11 36	0 50	8 44	2 11	11 12	0 34	19 27	1 35	9 59	11 31	21 43	21 51	13 56	13 15	7 25	M16
T 17	1 32	24 21	1 10	5 58	1 56	16 29	0 49	13 51	0 17	11 31	0 50	8 46	2 11	11 12	0 34	19 27	1 35	9 59	11 31	21 43	21 51	13 53	13 16	7 24	T 17
W18	1 9	25 36	2 12	5 10	1 52	16 14	0 44	14 5	0 18	11 26	0 50	8 47	2 11	11 11	0 34	19 27	1 35	9 59	11 30	21 43	21 51	13 51	13 17	7 24	W18
T 19	0 45	25 32	3 7	4 20	1 47	15 59	0 39	14 20	0 19	11 21	0 50	8 49	2 11	11 10	0 34	19 28	1 35	10 0	11 30	21 43	21 50	13 48	13 18	7 23	T 19
F 20	0 21	24 16	3 53	3 30	1 42	15 44	0 35	14 34	0 19	11 16	0 50	8 51	2 11	11 10	0 34	19 28	1 35	10 0	11 30	21 42	21 50	13 46	13 19	7 22	F 20
S 21	0n 3	21 55	4 28	2 38	1 37	15 28	0 30	14 49	0 20	11 11	0 50	8 53	2 11	11 9	0 34	19 28	1 35	10 0	11 30	21 41	21 49	13 43	13 20	7 21	S 21
S 22	0 26	18 39	4 51	1 45	1 30	15 11	0 26	15 3	0 20	11 7	0 50	8 54	2 11	11 8	0 34	19 29	1 35	10 1	11 29	21 40	21 49	13 41	13 20	7 21	S 22
M23	0 50	14 39	5 1	0 52	1 23	14 55	0 21	15 17	0 21	11 2	0 50	8 56	2 10	11 7	0 34	19 29	1 35	10 1	11 29	21 38	21 48	13 38	13 21	7 20	M23
T 24	1 14	10 5	4 59	0n 3	1 16	14 37	0 17	15 31	0 22	10 57	0 51	8 58	2 10	11 7	0 34	19 29	1 35	10 1	11 29	21 36	21 48	13 36	13 22	7 19	T 24
W25	1 37	5 7	4 43	0 58	1 8	14 20	0 13	15 44	0 22	10 52	0 51	8 59	2 10	11 6	0 34	19 29	1 35	10 2	11 29	21 34	21 47	13 33	13 23	7 19	W25
T 26	2 1	0s 4	4 15	1 53	1 0	14 2	0 8	15 58	0 23	10 48	0 51	9 1	2 10	11 5	0 34	19 30	1 35	10 2	11 28	21 32	21 47	13 31	13 24	7 18	T 26
F 27	2 24	5 19	3 35	2 50	0 51	13 43	0 4	16 11	0 24	10 43	0 51	9 2	2 10	11 4	0 34	19 30	1 35	10 2	11 28	21 30	21 46	13 28	13 25	7 17	F 27
S 28	2 48	10 25	2 44	3 47	0 42	13 24	0 0	16 24	0 24	10 38	0 51	9 4	2 10	11 4	0 34	19 30	1 35	10 3	11 28	21 29	21 46	13 26	13 25	7 16	S 28
S 29	3 11	15 11	1 45	4 43	0 32	13 5	0s 4	16 38	0 25	10 33	0 51	9 5	2 10	11 3	0 34	19 31	1 35	10 3	11 28	21 28	21 45	13 23	13 26	7 16	S 29
M30	3 34	19 22	0 40	5 41	0 22	12 45	0 8	16 51	0 26	10 29	0 51	9 7	2 10	11 2	0 34	19 31	1 35	10 4	11 27	21 28	21 45	13 21	13 27	7 15	M30
T 31	3n58	22s44	0s28	6n37	0s11	12s25	0s12	17n 3	0n26	10s24	0s52	9n 8	2n10	11s 1	0n34	19n31	1s35	10n 4	11s27	21n28	21n44	13n18	13n28	7s14	T 31

Julian Day Number = 2411792.5, Delta T = -4.14 sec
Ecliptic obliquity = 23°27'16, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°13'13, Lahiri = 22°20'14

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ASTRODIENST EPHEMERIS for the year 1891
geocentric

APRIL 1891 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 36 16	10♈59'09	25♐11	19♈20	28♒59	16♉42	5♓27	11°R45	0°R10	4♊36	6♊13	6♊52	8♊27	8♍13	28♋ 6	W 1
T 2	12 40 12	11°58'18	8♑33	21°22	0♓ 9	17°24	5°40	11♍41	0♏ 8	4°38	6°13	6°R53	8°24	8°20	28° 6	T 2
F 3	12 44 9	12°57'26	22°17	23°23	1°19	18° 6	5°53	11°38	0° 5	4°39	6°14	6°52	8°20	8°27	28° 6	F 3
S 4	12 48 5	13°56'32	6♒24	25°22	2°28	18°48	6° 6	11°34	0° 3	4°41	6°15	6°50	8°17	8°33	28° 7	S 4
S 5	12 52 2	14°55'35	20°52	27°19	3°38	19°30	6°19	11°30	0° 0	4°43	6°16	6°46	8°14	8°40	28° 7	S 5
M 6	12 55 58	15°54'37	5♓39	29°14	4°48	20°12	6°31	11°27	29♎58	4°44	6°17	6°40	8°11	8°47	28° 8	M 6
T 7	12 59 55	16°53'37	20°38	1♉ 7	5°58	20°54	6°44	11°23	29°55	4°46	6°18	6°32	8° 8	8°54	28° 9	T 7
W 8	13 3 52	17°52'36	5♈41	2°57	7° 8	21°35	6°57	11°20	29°53	4°47	6°19	6°25	8° 4	9° 0	28° 9	W 8
T 9	13 7 48	18°51'32	20°37	4°43	8°18	22°17	7° 9	11°17	29°50	4°49	6°20	6°18	8° 1	9° 7	28°10	T 9
F 10	13 11 45	19°50'26	5♉19	6°26	9°28	22°59	7°22	11°13	29°48	4°51	6°21	6°12	7°58	9°14	28°11	F 10
S 11	13 15 41	20°49'18	19°39	8° 5	10°38	23°40	7°34	11°10	29°45	4°52	6°22	6° 9	7°55	9°20	28°12	S 11
S 12	13 19 38	21°48'09	3♊32	9°40	11°48	24°22	7°46	11° 7	29°43	4°54	6°23	6°D 8	7°52	9°27	28°14	S 12
M13	13 23 34	22°46'56	16°59	11°10	12°58	25° 4	7°59	11° 4	29°40	4°56	6°24	6° 8	7°49	9°34	28°15	M13
T 14	13 27 31	23°45'42	29°59	12°36	14° 9	25°45	8°11	11° 1	29°38	4°58	6°25	6°10	7°45	9°41	28°16	T 14
W15	13 31 27	24°44'26	12♋37	13°57	15°19	26°27	8°23	10°59	29°35	5° 0	6°26	6°11	7°42	9°47	28°18	W15
T 16	13 35 24	25°43'07	24°56	15°13	16°30	27° 8	8°35	10°56	29°33	5° 1	6°27	6°R12	7°39	9°54	28°20	T 16
F 17	13 39 21	26°41'46	7♌ 2	16°24	17°40	27°49	8°47	10°53	29°30	5° 3	6°28	6°11	7°36	10° 1	28°21	F 17
S 18	13 43 17	27°40'23	18°59	17°29	18°51	28°31	8°59	10°51	29°28	5° 5	6°29	6° 9	7°33	10° 8	28°23	S 18
S 19	13 47 14	28°38'57	0♍51	18°29	20° 1	29°12	9°11	10°48	29°25	5° 7	6°30	6° 5	7°30	10°14	28°25	S 19
M20	13 51 10	29°37'29	12°43	19°24	21°12	29°53	9°22	10°46	29°22	5° 9	6°31	6° 0	7°26	10°21	28°27	M20
T 21	13 55 7	0♉36'00	24°38	20°13	22°23	0♊34	9°34	10°44	29°20	5°11	6°33	5°53	7°23	10°28	28°29	T 21
W22	13 59 3	1°34'28	6♎39	20°56	23°33	1°16	9°45	10°41	29°17	5°13	6°34	5°47	7°20	10°34	28°31	W22
T 23	14 3 0	2°32'54	18°48	21°34	24°44	1°57	9°57	10°39	29°15	5°15	6°35	5°41	7°17	10°41	28°34	T 23
F 24	14 6 56	3°31'18	1♏ 6	22° 6	25°55	2°38	10° 8	10°37	29°12	5°16	6°36	5°36	7°14	10°48	28°36	F 24
S 25	14 10 53	4°29'40	13°35	22°32	27° 6	3°19	10°19	10°36	29°10	5°18	6°37	5°33	7°10	10°55	28°39	S 25
S 26	14 14 49	5°28'01	26°14	22°52	28°17	4° 0	10°30	10°34	29° 7	5°20	6°38	5°31	7° 7	11° 1	28°41	S 26
M27	14 18 46	6°26'20	9♐ 6	23° 7	29°28	4°41	10°41	10°32	29° 5	5°22	6°40	5°D31	7° 4	11° 8	28°44	M27
T 28	14 22 43	7°24'37	22°11	23°16	0♈39	5°22	10°52	10°31	29° 2	5°24	6°41	5°32	7° 1	11°15	28°47	T 28
W29	14 26 39	8°22'53	5♑29	23°R19	1°50	6° 3	11° 3	10°29	29° 0	5°27	6°42	5°33	6°58	11°22	28°50	W29
T 30	14 30 36	9♉21'07	19♑ 1	23♉18	3♈ 1	6♊44	11♓14	10♍28	28♎57	5♊29	6♊43	5♊35	6♊55	11♍28	28♋53	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n21	24s59	1s37	7n34	0s 0	12s 5	0s16	17n16	0n27	10s19	0s52	9n10	2n10	11s 0	0n34	19n31	1s35	10n 4	11s27	21n28	21n44	13n16	13n28	7s13
T 2	4 44	25 52	2 41	8 30	0n11	11 44	0 20	17 29	0 27	10 15	0 52	9 11	2 10	10 59	0 34	19 32	1 34	10 5	11 27	21 28	21 43	13 13	13 29	7 13
F 3	5 7	25 12	3 39	9 26	0 22	11 23	0 23	17 41	0 28	10 10	0 52	9 13	2 10	10 59	0 34	19 32	1 34	10 5	11 26	21 28	21 43	13 10	13 30	7 12
S 4	5 30	22 57	4 25	10 20	0 34	11 1	0 27	17 53	0 29	10 5	0 52	9 14	2 10	10 58	0 34	19 32	1 34	10 5	11 26	21 28	21 42	13 8	13 30	7 11
S 5	5 53	19 12	4 55	11 14	0 45	10 40	0 31	18 5	0 29	10 1	0 52	9 15	2 10	10 57	0 34	19 33	1 34	10 6	11 26	21 27	21 42	13 5	13 31	7 10
M 6	6 16	14 11	5 6	12 6	0 57	10 17	0 34	18 17	0 30	9 56	0 52	9 17	2 10	10 56	0 34	19 33	1 34	10 6	11 26	21 26	21 41	13 3	13 32	7 10
T 7	6 39	8 16	4 57	12 56	1 8	9 55	0 38	18 29	0 30	9 52	0 53	9 18	2 10	10 55	0 34	19 33	1 34	10 6	11 26	21 25	21 41	13 0	13 32	7 9
W 8	7 1	1 50	4 28	13 44	1 19	9 32	0 41	18 40	0 31	9 47	0 53	9 19	2 10	10 54	0 34	19 34	1 34	10 7	11 25	21 24	21 40	12 58	13 33	7 8
T 9	7 24	4n39	3 40	14 31	1 30	9 9	0 44	18 51	0 31	9 43	0 53	9 20	2 10	10 53	0 34	19 34	1 34	10 7	11 25	21 22	21 40	12 55	13 33	7 7
F 10	7 46	10 49	2 38	15 15	1 41	8 46	0 48	19 3	0 32	9 38	0 53	9 21	2 9	10 52	0 34	19 34	1 34	10 8	11 25	21 21	21 39	12 53	13 34	7 7
S 11	8 8	16 15	1 28	15 57	1 51	8 22	0 51	19 14	0 32	9 34	0 53	9 22	2 9	10 52	0 34	19 35	1 34	10 8	11 25	21 21	21 39	12 50	13 34	7 6
S 12	8 30	20 39	0 14	16 37	2 0	7 58	0 54	19 24	0 33	9 29	0 53	9 24	2 9	10 51	0 34	19 35	1 34	10 8	11 24	21 21	21 38	12 47	13 35	7 5
M13	8 52	23 47	0n58	17 14	2 9	7 34	0 57	19 35	0 34	9 25	0 54	9 25	2 9	10 50	0 34	19 36	1 34	10 9	11 24	21 21	21 38	12 45	13 35	7 5
T 14	9 14	25 33	2 6	17 49	2 17	7 10	1 0	19 46	0 34	9 20	0 54	9 26	2 9	10 49	0 34	19 36	1 34	10 9	11 24	21 21	21 37	12 42	13 36	7 4
W15	9 35	25 55	3 5	18 20	2 25	6 45	1 3	19 56	0 35	9 16	0 54	9 27	2 9	10 48	0 34	19 36	1 34	10 9	11 24	21 21	21 37	12 40	13 36	7 3
T 16	9 57	24 59	3 54	18 49	2 32	6 20	1 5	20 6	0 35	9 12	0 54	9 27	2 9	10 47	0 34	19 37	1 34	10 10	11 24	21 21	21 36	12 37	13 37	7 2
F 17	10 18	22 54	4 31	19 16	2 37	5 55	1 8	20 16	0 36	9 7	0 54	9 28	2 9	10 46	0 34	19 37	1 34	10 10	11 23	21 21	21 35	12 34	13 37	7 2
S 18	10 39	19 50	4 56	19 39	2 42	5 30	1 11	20 26	0 36	9 3	0 54	9 29	2 9	10 45	0 34	19 37	1 34	10 10	11 23	21 21	21 35	12 32	13 37	7 1
S 19	11 0	15 59	5 9	20 0	2 46	5 5	1 13	20 35	0 37	8 59	0 55	9 30	2 8	10 44	0 34	19 38	1 34	10 11	11 23	21 20	21 34	12 29	13 38	7 0
M20	11 21	11 32	5 8	20 18	2 49	4 39	1 16	20 45	0 37	8 54	0 55	9 31	2 8	10 44	0 34	19 38	1 34	10 11	11 23	21 19	21 34	12 27	13 38	6 59
T 21	11 41	6 38	4 54	20 33	2 51	4 13	1 18	20 54	0 38	8 50	0 55	9 32	2 8	10 43	0 34	19 38	1 34	10 12	11 23	21 18	21 33	12 24	13 38	6 59
W22	12 2	1 27	4 27	20 46	2 52	3 47	1 20	21 3	0 38	8 46	0 55	9 32	2 8	10 42	0 34	19 39	1 34	10 12	11 23	21 17	21 33	12 21	13 39	6 58
T 23	12 22	3s52	3 47	20 55	2 52	3 21	1 23	21 12	0 39	8 42	0 55	9 33	2 8	10 41	0 34	19 39	1 34	10 12	11 22	21 16	21 32	12 19	13 39	6 57
F 24	12 42	9 6	2 57	21 2	2 50	2 55	1 25	21 20	0 39	8 38	0 56	9 34	2 8	10 40	0 34	19 40	1 34	10 13	11 22	21 15	21 32	12 16	13 39	6 56
S 25	13 2	14 4	1 57	21 6	2 47	2 29	1 27	21 29	0 40	8 34	0 56	9 34	2 8	10 39	0 34	19 40	1 34	10 13	11 22	21 15	21 31	12 13	13 39	6 56
S 26	13 21	18 30	0 51	21 8	2 43	2 2	1 29	21 37	0 40	8 30	0 56	9 35	2 8	10 38	0 34	19 40	1 34	10 13	11 22	21 14	21 31	12 11	13 40	6 55
M27	13 40	22 9	0s20	21 7	2 38	1 36	1 30	21 45	0 41	8 26	0 56	9 35	2 7	10 37	0 34	19 41	1 33	10 14	11 22	21 14	21 30	12 8	13 40	6 54
T 28	14 0	24 43	1 30	21 3	2 31	1 9	1 32	21 53	0 41	8 22	0 56	9 36	2 7	10 36	0 34	19 41	1 33	10 14	11 22	21 14	21 30	12 6	13 40	6 54
W29	14 18	25 57	2 37	20 56	2 24	0 42	1 34	22 1	0 42	8 18	0 57	9 36	2 7	10 36	0 34	19 41	1 33	10 14	11 21	21 15	21 29	12 3	13 40	6 53
T 30	14n37	25s40	3s36	20n47	2n15	0s16	1s35	22n 8	0n42	8s14	0s57	9n36	2n 7	10s35	0n34	19n42	1s33	10n15	11s21	21n15	21n29	12n 0	13n40	6s52

Julian Day Number = 2411823.5, Delta T = -4.16 sec
Ecliptic obliquity = 23°27'16, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°13'17, Lahiri = 22°20'18

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ASTRODIENST EPHEMERIS for the year 1891
geocentric

MAY 1891 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 34 32	10♉19'20	2♒49	23°R11	4♈12	7♊24	11♓25	10°R26	28°R55	5♊31	6♊44	5♊36	6♊51	11♍35	28♋56	F 1
S 2	14 38 29	11°17'31	16°51	22♉59	5°23	8° 5	11°35	10♍25	28♎52	5°33	6°46	5°R36	6°48	11°42	28°59	S 2
S 3	14 42 25	12°15'41	1♓ 7	22°42	6°35	8°46	11°46	10°24	28°50	5°35	6°47	5°35	6°45	11°48	29° 2	S 3
M 4	14 46 22	13°13'49	15°34	22°21	7°46	9°27	11°56	10°23	28°47	5°37	6°48	5°33	6°42	11°55	29° 5	M 4
T 5	14 50 18	14°11'56	0♈ 9	21°56	8°57	10° 7	12° 6	10°22	28°45	5°39	6°50	5°30	6°39	12° 2	29° 9	T 5
W 6	14 54 15	15°10'01	14°45	21°28	10° 9	10°48	12°16	10°22	28°42	5°41	6°51	5°27	6°36	12° 9	29°12	W 6
T 7	14 58 12	16° 8'05	29°17	20°57	11°20	11°29	12°26	10°21	28°40	5°43	6°52	5°25	6°32	12°15	29°16	T 7
F 8	15 2 8	17° 6'08	13♉39	20°24	12°31	12° 9	12°36	10°20	28°37	5°45	6°53	5°23	6°29	12°22	29°20	F 8
S 9	15 6 5	18° 4'08	27°44	19°50	13°43	12°50	12°46	10°20	28°35	5°48	6°55	5°22	6°26	12°29	29°23	S 9
S 10	15 10 1	19° 2'08	11♊30	19°14	14°54	13°30	12°56	10°20	28°33	5°50	6°56	5°D22	6°23	12°35	29°27	S 10
M11	15 13 58	20° 0'05	24°53	18°37	16° 6	14°11	13° 5	10°19	28°30	5°52	6°57	5°23	6°20	12°42	29°31	M11
T 12	15 17 54	20°58'01	7♋54	18° 1	17°17	14°51	13°15	10°19	28°28	5°54	6°59	5°24	6°16	12°49	29°35	T 12
W13	15 21 51	21°55'55	20°35	17°26	18°29	15°32	13°24	10°D19	28°26	5°56	7° 0	5°25	6°13	12°56	29°39	W13
T 14	15 25 48	22°53'48	2♌57	16°53	19°40	16°12	13°33	10°19	28°23	5°58	7° 1	5°26	6°10	13° 2	29°44	T 14
F 15	15 29 44	23°51'38	15° 6	16°21	20°52	16°52	13°42	10°19	28°21	6° 1	7° 3	5°27	6° 7	13° 9	29°48	F 15
S 16	15 33 41	24°49'27	27° 5	15°52	22° 4	17°33	13°51	10°20	28°19	6° 3	7° 4	5°R27	6° 4	13°16	29°52	S 16
S 17	15 37 37	25°47'14	8♍58	15°26	23°15	18°13	14° 0	10°20	28°17	6° 5	7° 5	5°27	6° 1	13°23	29°57	S 17
M18	15 41 34	26°45'00	20°52	15° 3	24°27	18°53	14° 8	10°21	28°15	6° 7	7° 7	5°26	5°57	13°29	0♌ 1	M18
T 19	15 45 30	27°42'44	2♎49	14°44	25°39	19°33	14°17	10°21	28°13	6°10	7° 8	5°25	5°54	13°36	0° 6	T 19
W20	15 49 27	28°40'26	14°53	14°29	26°50	20°14	14°25	10°22	28°10	6°12	7° 9	5°24	5°51	13°43	0°10	W20
T 21	15 53 23	29°38'07	27° 9	14°18	28° 2	20°54	14°34	10°23	28° 8	6°14	7°11	5°23	5°48	13°49	0°15	T 21
F 22	15 57 20	0♊35'46	9♏37	14°11	29°14	21°34	14°42	10°24	28° 6	6°16	7°12	5°23	5°45	13°56	0°20	F 22
S 23	16 1 16	1°33'24	22°21	14°D 9	0♉26	22°14	14°50	10°25	28° 4	6°18	7°13	5°22	5°42	14° 3	0°25	S 23
S 24	16 5 13	2°31'00	5♐20	14°11	1°37	22°54	14°57	10°26	28° 2	6°21	7°15	5°D22	5°38	14°10	0°30	S 24
M25	16 9 10	3°28'36	18°34	14°18	2°49	23°34	15° 5	10°27	28° 0	6°23	7°16	5°22	5°35	14°16	0°35	M25
T 26	16 13 6	4°26'10	2♑ 3	14°29	4° 1	24°14	15°13	10°28	27°59	6°25	7°17	5°22	5°32	14°23	0°40	T 26
W27	16 17 3	5°23'44	15°45	14°45	5°13	24°54	15°20	10°30	27°57	6°27	7°19	5°R23	5°29	14°30	0°45	W27
T 28	16 20 59	6°21'16	29°38	15° 5	6°25	25°34	15°27	10°31	27°55	6°30	7°20	5°22	5°26	14°36	0°50	T 28
F 29	16 24 56	7°18'48	13♒40	15°30	7°37	26°13	15°35	10°33	27°53	6°32	7°22	5°22	5°22	14°43	0°55	F 29
S 30	16 28 52	8°16'18	27°49	15°59	8°49	26°53	15°42	10°35	27°51	6°34	7°23	5°22	5°19	14°50	1° 1	S 30
S 31	16 32 49	9♊13'48	12♓ 3	16♉32	10♉ 1	27♊33	15♓48	10♍37	27♎50	6♊36	7♊24	5°D22	5♊16	14♍57	1♌ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14n55	23 s50	4 s24	20n35	2n 4	0n11	1 s37	22n15	0n42	8 s10	0 s57	9n37	2n 7	10 s34	0n34	19n42	1 s33	10n15	11 s21	21n15	21n28	11n58	13n40	6 s51
S 2	15 14	20 31	4 58	20 21	1 53	0 38	1 38	22 23	0 43	8 6	0 57	9 37	2 7	10 33	0 34	19 43	1 33	10 15	11 21	21 15	21 28	11 55	13 40	6 51
S 3	15 32	15 57	5 13	20 5	1 40	1 5	1 40	22 29	0 43	8 2	0 57	9 37	2 7	10 32	0 34	19 43	1 33	10 16	11 21	21 15	21 27	11 52	13 40	6 50
M 4	15 49	10 27	5 9	19 46	1 27	1 32	1 41	22 36	0 44	7 59	0 58	9 38	2 6	10 31	0 34	19 43	1 33	10 16	11 21	21 15	21 27	11 50	13 40	6 49
T 5	16 7	4 19	4 46	19 26	1 12	1 59	1 42	22 43	0 44	7 55	0 58	9 38	2 6	10 30	0 34	19 44	1 33	10 16	11 21	21 14	21 26	11 47	13 40	6 49
W 6	16 24	2n 4	4 4	19 3	0 57	2 26	1 43	22 49	0 45	7 51	0 58	9 38	2 6	10 29	0 34	19 44	1 33	10 17	11 20	21 14	21 25	11 44	13 40	6 48
T 7	16 41	8 20	3 6	18 40	0 41	2 53	1 44	22 55	0 45	7 48	0 58	9 38	2 6	10 29	0 34	19 45	1 33	10 17	11 20	21 13	21 25	11 42	13 40	6 47
F 8	16 57	14 5	1 57	18 15	0 24	3 20	1 45	23 1	0 45	7 44	0 58	9 38	2 6	10 28	0 34	19 45	1 33	10 17	11 20	21 13	21 24	11 39	13 40	6 47
S 9	17 13	18 59	0 42	17 49	0 7	3 47	1 46	23 7	0 46	7 41	0 59	9 38	2 6	10 27	0 34	19 45	1 33	10 18	11 20	21 13	21 24	11 36	13 40	6 46
S 10	17 29	22 44	0n34	17 22	0 s11	4 14	1 46	23 12	0 46	7 37	0 59	9 38	2 6	10 26	0 34	19 46	1 33	10 18	11 20	21 13	21 23	11 34	13 40	6 45
M11	17 45	25 7	1 46	16 56	0 28	4 41	1 47	23 17	0 47	7 34	0 59	9 38	2 5	10 25	0 34	19 46	1 33	10 18	11 20	21 13	21 23	11 31	13 40	6 45
T 12	18 1	26 3	2 50	16 29	0 46	5 8	1 48	23 22	0 47	7 30	0 59	9 38	2 5	10 25	0 34	19 47	1 33	10 19	11 20	21 13	21 22	11 28	13 40	6 44
W13	18 16	25 34	3 44	16 3	1 3	5 35	1 48	23 27	0 48	7 27	1 0	9 38	2 5	10 24	0 34	19 47	1 33	10 19	11 20	21 13	21 22	11 26	13 39	6 43
T 14	18 31	23 50	4 27	15 37	1 20	6 2	1 48	23 32	0 48	7 24	1 0	9 38	2 5	10 23	0 34	19 47	1 33	10 19	11 20	21 13	21 21	11 23	13 39	6 43
F 15	18 45	21 2	4 57	15 12	1 36	6 28	1 49	23 36	0 48	7 20	1 0	9 37	2 5	10 22	0 34	19 48	1 33	10 19	11 19	21 13	21 21	11 20	13 39	6 42
S 16	18 59	17 23	5 13	14 49	1 52	6 55	1 49	23 41	0 49	7 17	1 0	9 37	2 5	10 21	0 34	19 48	1 33	10 20	11 19	21 14	21 20	11 17	13 39	6 42
S 17	19 13	13 5	5 16	14 27	2 6	7 21	1 49	23 45	0 49	7 14	1 1	9 37	2 4	10 21	0 34	19 49	1 33	10 20	11 19	21 13	21 19	11 15	13 38	6 41
M18	19 27	8 18	5 5	14 7	2 20	7 47	1 49	23 49	0 49	7 11	1 1	9 37	2 4	10 20	0 34	19 49	1 33	10 20	11 19	21 13	21 19	11 12	13 38	6 40
T 19	19 40	3 11	4 41	13 49	2 33	8 14	1 49	23 52	0 50	7 8	1 1	9 36	2 4	10 19	0 34	19 49	1 33	10 21	11 19	21 13	21 18	11 9	13 38	6 40
W20	19 53	2 s 7	4 4	13 33	2 46	8 40	1 49	23 56	0 50	7 5	1 1	9 36	2 4	10 18	0 34	19 50	1 33	10 21	11 19	21 13	21 18	11 7	13 37	6 39
T 21	20 5	7 25	3 16	13 20	2 57	9 5	1 49	23 59	0 51	7 2	1 2	9 35	2 4	10 18	0 34	19 50	1 33	10 21	11 19	21 13	21 17	11 4	13 37	6 38
F 22	20 17	12 31	2 18	13 8	3 6	9 31	1 48	24 2	0 51	6 59	1 2	9 35	2 4	10 17	0 34	19 51	1 33	10 21	11 19	21 13	21 17	11 1	13 37	6 38
S 23	20 29	17 13	1 12	12 59	3 15	9 57	1 48	24 5	0 51	6 56	1 2	9 34	2 3	10 16	0 34	19 51	1 33	10 22	11 19	21 13	21 16	10 58	13 36	6 37
S 24	20 41	21 12	0 0	12 52	3 23	10 22	1 48	24 7	0 52	6 53	1 2	9 34	2 3	10 16	0 34	19 51	1 33	10 22	11 19	21 13	21 16	10 56	13 36	6 37
M25	20 52	24 10	1 s12	12 48	3 30	10 47	1 47	24 10	0 52	6 50	1 3	9 33	2 3	10 15	0 34	19 52	1 33	10 22	11 19	21 13	21 15	10 53	13 35	6 36
T 26	21 3	25 49	2 23	12 46	3 35	11 12	1 46	24 12	0 52	6 48	1 3	9 32	2 3	10 14	0 34	19 52	1 33	10 22	11 19	21 13	21 14	10 50	13 35	6 36
W27	21 13	25 56	3 26	12 46	3 40	11 36	1 46	24 14	0 53	6 45	1 3	9 32	2 3	10 14	0 33	19 52	1 33	10 23	11 19	21 13	21 14	10 48	13 34	6 35
T 28	21 23	24 26	4 17	12 49	3 43	12 1	1 45	24 16	0 53	6 42	1 3	9 31	2 3	10 13	0 33	19 53	1 33	10 23	11 19	21 13	21 13	10 45	13 34	6 34
F 29	21 33	21 26	4 54	12 53	3 46	12 25	1 44	24 17	0 53	6 40	1 4	9 30	2 2	10 12	0 33	19 53	1 33	10 23	11 19	21 13	21 13	10 42	13 33	6 34
S 30	21 42	17 9	5 14	13 0	3 47	12 49	1 43	24 19	0 54	6 38	1 4	9 29	2 2	10 12	0 33	19 54	1 33	10 23	11 19	21 13	21 12	10 39	13 32	6 33
S 31	21n51	11 s53	5 s15	13n 9	3 s48	13n12	1 s42	24n20	0n54	6 s35	1 s 4	9n29	2n 2	10 s11	0n33	19n54	1 s33	10n24	11 s19	21n13	21n12	10n37	13n32	6 s33

Julian Day Number = 2411853.5, Delta T = -4.18 sec
Ecliptic obliquity = 23°27'16, Nutation = - 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°13'22, Lahiri = 22°20'22

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ASTRODIENST EPHEMERIS for the year 1891
geocentric

JUNE 1891 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 36 46	10♊11'17	26♓18	17♉ 9	11♉13	28♊13	15♓55	10♍38	27°R48	6♊39	7♊26	5♊22	5♊13	15♍ 3	1♌12	M 1
T 2	16 40 42	11° 8'46	10♈33	17°50	12°25	28°53	16° 2	10°40	27♎46	6°41	7°27	5°23	5°10	15°10	1°17	T 2
W 3	16 44 39	12° 6'13	24°43	18°35	13°37	29°32	16° 8	10°43	27°45	6°43	7°28	5°23	5° 7	15°17	1°23	W 3
T 4	16 48 35	13° 3'40	8♉47	19°23	14°49	0♋12	16°14	10°45	27°43	6°45	7°30	5°24	5° 3	15°24	1°28	T 4
F 5	16 52 32	14° 1'07	22°42	20°16	16° 1	0°52	16°20	10°47	27°42	6°48	7°31	5°24	5° 0	15°30	1°34	F 5
S 6	16 56 28	14°58'32	6♊23	21°12	17°14	1°31	16°26	10°50	27°40	6°50	7°33	5°R25	4°57	15°37	1°40	S 6
S 7	17 0 25	15°55'57	19°50	22°11	18°26	2°11	16°32	10°52	27°39	6°52	7°34	5°24	4°54	15°44	1°46	S 7
M 8	17 4 21	16°53'21	3♋ 1	23°14	19°38	2°51	16°37	10°55	27°37	6°54	7°35	5°23	4°51	15°50	1°52	M 8
T 9	17 8 18	17°50'44	15°54	24°20	20°50	3°30	16°43	10°57	27°36	6°57	7°37	5°22	4°48	15°57	1°58	T 9
W10	17 12 15	18°48'06	28°31	25°30	22° 2	4°10	16°48	11° 0	27°35	6°59	7°38	5°20	4°44	16° 4	2° 4	W10
T 11	17 16 11	19°45'27	10♌52	26°43	23°15	4°49	16°53	11° 3	27°33	7° 1	7°39	5°18	4°41	16°11	2°10	T 11
F 12	17 20 8	20°42'47	23° 1	27°59	24°27	5°29	16°58	11° 6	27°32	7° 3	7°41	5°16	4°38	16°17	2°16	F 12
S 13	17 24 4	21°40'07	5♍ 0	29°18	25°39	6° 8	17° 3	11° 9	27°31	7° 5	7°42	5°15	4°35	16°24	2°22	S 13
S 14	17 28 1	22°37'25	16°54	0♊40	26°52	6°47	17° 7	11°12	27°30	7° 8	7°43	5°14	4°32	16°31	2°28	S 14
M15	17 31 57	23°34'42	28°47	2° 6	28° 4	7°27	17°11	11°16	27°29	7°10	7°45	5°D14	4°28	16°37	2°35	M15
T 16	17 35 54	24°31'59	10♎45	3°34	29°16	8° 6	17°16	11°19	27°28	7°12	7°46	5°15	4°25	16°44	2°41	T 16
W17	17 39 50	25°29'14	22°50	5° 6	0♊29	8°46	17°20	11°22	27°27	7°14	7°47	5°16	4°22	16°51	2°47	W17
T 18	17 43 47	26°26'29	5♏ 9	6°40	1°41	9°25	17°24	11°26	27°26	7°16	7°49	5°18	4°19	16°58	2°54	T 18
F 19	17 47 44	27°23'44	17°44	8°18	2°54	10° 4	17°27	11°29	27°25	7°18	7°50	5°19	4°16	17° 4	3° 0	F 19
S 20	17 51 40	28°20'57	0♐38	9°58	4° 6	10°43	17°31	11°33	27°24	7°20	7°51	5°R20	4°13	17°11	3° 7	S 20
S 21	17 55 37	29°18'11	13°53	11°42	5°18	11°23	17°34	11°37	27°23	7°23	7°52	5°20	4° 9	17°18	3°13	S 21
M22	17 59 33	0♋15'23	27°28	13°28	6°31	12° 2	17°37	11°41	27°23	7°25	7°54	5°18	4° 6	17°25	3°20	M22
T 23	18 3 30	1°12'36	11♑23	15°17	7°44	12°41	17°40	11°45	27°22	7°27	7°55	5°16	4° 3	17°31	3°26	T 23
W24	18 7 26	2° 9'48	25°33	17° 9	8°56	13°20	17°43	11°49	27°21	7°29	7°56	5°13	4° 0	17°38	3°33	W24
T 25	18 11 23	3° 7'00	9♒53	19° 3	10° 9	13°59	17°45	11°53	27°21	7°31	7°58	5° 9	3°57	17°45	3°40	T 25
F 26	18 15 19	4° 4'12	24°19	21° 0	11°21	14°38	17°48	11°57	27°20	7°33	7°59	5° 5	3°54	17°51	3°47	F 26
S 27	18 19 16	5° 1'23	8♓45	23° 0	12°34	15°17	17°50	12° 1	27°20	7°35	8° 0	5° 2	3°50	17°58	3°53	S 27
S 28	18 23 13	5°58'35	23° 6	25° 1	13°47	15°56	17°52	12° 6	27°19	7°37	8° 1	5° 0	3°47	18° 5	4° 0	S 28
M29	18 27 9	6°55'47	7♈20	27° 5	14°59	16°35	17°54	12°10	27°19	7°39	8° 3	4°D59	3°44	18°12	4° 7	M29
T 30	18 31 6	7♋52'59	21♈24	29♊10	16♊12	17♋14	17♓55	12♍15	27♎19	7♊41	8♊ 4	5♊ 0	3♊41	18♍18	4♌14	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	21n59	6s 0	4s56	13n20	3s47	13n36	1s41	24n21	0n54	6s33	1s 4	9n28	2n 2	10s11	0n33	19n54	1s33	10n24	11s18	21n13	21n11	10n34	13n31	6s32
T 2	22 8	0n12	4 19	13 32	3 46	13 59	1 40	24 22	0 55	6 30	1 5	9 27	2 2	10 10	0 33	19 55	1 33	10 24	11 18	21 13	21 10	10 31	13 31	6 32
W 3	22 15	6 22	3 27	13 46	3 44	14 22	1 39	24 22	0 55	6 28	1 5	9 26	2 2	10 10	0 33	19 55	1 33	10 24	11 18	21 13	21 10	10 28	13 30	6 31
T 4	22 23	12 12	2 22	14 2	3 41	14 44	1 38	24 23	0 55	6 26	1 5	9 25	2 1	10 9	0 33	19 56	1 33	10 25	11 18	21 13	21 9	10 25	13 29	6 31
F 5	22 30	17 20	1 10	14 20	3 37	15 6	1 37	24 23	0 56	6 24	1 5	9 24	2 1	10 9	0 33	19 56	1 33	10 25	11 18	21 13	21 9	10 23	13 28	6 30
S 6	22 36	21 29	0n 5	14 38	3 33	15 28	1 35	24 23	0 56	6 22	1 6	9 23	2 1	10 8	0 33	19 56	1 33	10 25	11 18	21 13	21 8	10 20	13 28	6 30
S 7	22 43	24 23	1 19	14 59	3 28	15 49	1 34	24 22	0 56	6 20	1 6	9 22	2 1	10 8	0 33	19 57	1 33	10 25	11 18	21 13	21 8	10 17	13 27	6 29
M 8	22 48	25 52	2 27	15 20	3 22	16 10	1 32	24 22	0 56	6 18	1 6	9 21	2 1	10 7	0 33	19 57	1 33	10 26	11 18	21 13	21 7	10 14	13 26	6 29
T 9	22 54	25 54	3 25	15 42	3 16	16 31	1 31	24 21	0 57	6 16	1 7	9 19	2 1	10 7	0 33	19 57	1 33	10 26	11 18	21 13	21 6	10 12	13 25	6 28
W10	22 59	24 36	4 13	16 5	3 9	16 51	1 29	24 20	0 57	6 14	1 7	9 18	2 1	10 6	0 33	19 58	1 33	10 26	11 18	21 12	21 6	10 9	13 24	6 28
T 11	23 4	22 7	4 47	16 30	3 1	17 11	1 28	24 19	0 57	6 13	1 7	9 17	2 0	10 6	0 33	19 58	1 33	10 26	11 18	21 12	21 5	10 6	13 23	6 28
F 12	23 8	18 42	5 8	16 55	2 53	17 30	1 26	24 18	0 58	6 11	1 7	9 16	2 0	10 5	0 33	19 58	1 33	10 26	11 18	21 12	21 5	10 3	13 23	6 27
S 13	23 12	14 34	5 15	17 20	2 45	17 49	1 24	24 17	0 58	6 10	1 8	9 14	2 0	10 5	0 33	19 59	1 33	10 26	11 18	21 11	21 4	10 0	13 22	6 27
S 14	23 15	9 55	5 9	17 46	2 35	18 8	1 23	24 15	0 58	6 8	1 8	9 13	2 0	10 5	0 33	19 59	1 33	10 27	11 18	21 11	21 4	9 58	13 21	6 26
M15	23 18	4 54	4 49	18 13	2 26	18 26	1 21	24 13	0 58	6 7	1 8	9 12	2 0	10 4	0 33	20 0	1 33	10 27	11 19	21 11	21 3	9 55	13 20	6 26
T 16	23 20	0s19	4 17	18 39	2 16	18 43	1 19	24 11	0 59	6 5	1 9	9 10	2 0	10 4	0 33	20 0	1 33	10 27	11 19	21 11	21 2	9 52	13 19	6 25
W17	23 23	5 35	3 33	19 6	2 6	19 1	1 17	24 9	0 59	6 4	1 9	9 9	1 59	10 4	0 33	20 0	1 33	10 27	11 19	21 12	21 2	9 49	13 18	6 25
T 18	23 24	10 45	2 39	19 33	1 55	19 17	1 15	24 6	0 59	6 3	1 9	9 7	1 59	10 3	0 33	20 1	1 33	10 27	11 19	21 12	21 1	9 46	13 17	6 25
F 19	23 26	15 36	1 35	20 0	1 44	19 33	1 13	24 4	1 0	6 2	1 9	9 6	1 59	10 3	0 33	20 1	1 33	10 27	11 19	21 12	21 1	9 44	13 16	6 24
S 20	23 27	19 53	0 26	20 26	1 33	19 49	1 11	24 1	1 0	6 0	1 10	9 4	1 59	10 3	0 33	20 1	1 33	10 28	11 19	21 12	21 0	9 41	13 15	6 24
S 21	23 27	23 15	0s47	20 52	1 21	20 4	1 9	23 58	1 0	5 59	1 10	9 3	1 59	10 3	0 33	20 2	1 33	10 28	11 19	21 12	20 59	9 38	13 14	6 23
M22	23 27	25 24	1 59	21 17	1 10	20 19	1 7	23 55	1 0	5 59	1 10	9 1	1 59	10 2	0 33	20 2	1 33	10 28	11 19	21 12	20 59	9 35	13 12	6 23
T 23	23 27	26 2	3 5	21 41	0 58	20 33	1 4	23 51	1 0	5 58	1 11	8 59	1 59	10 2	0 33	20 2	1 33	10 28	11 19	21 12	20 58	9 32	13 11	6 23
W24	23 26	25 0	4 1	22 4	0 46	20 47	1 2	23 48	1 1	5 57	1 11	8 58	1 59	10 2	0 33	20 3	1 33	10 28	11 19	21 11	20 58	9 29	13 10	6 22
T 25	23 25	22 19	4 43	22 26	0 35	21 0	1 0	23 44	1 1	5 56	1 11	8 56	1 58	10 2	0 33	20 3	1 33	10 28	11 19	21 10	20 57	9 27	13 9	6 22
F 26	23 23	18 15	5 7	22 46	0 23	21 12	0 58	23 40	1 1	5 55	1 12	8 54	1 58	10 2	0 33	20 3	1 33	10 28	11 19	21 10	20 56	9 24	13 8	6 22
S 27	23 22	13 6	5 12	23 5	0 11	21 24	0 55	23 36	1 1	5 55	1 12	8 53	1 58	10 1	0 32	20 3	1 33	10 29	11 19	21 9	20 56	9 21	13 7	6 21
S 28	23 19	7 17	4 57	23 22	0n 0	21 35	0 53	23 31	1 2	5 54	1 12	8 51	1 58	10 1	0 32	20 4	1 33	10 29	11 19	21 9	20 55	9 18	13 5	6 21
M29	23 16	1 8	4 24	23 36	0 11	21 46	0 51	23 27	1 2	5 54	1 12	8 49	1 58	10 1	0 32	20 4	1 33	10 29	11 19	21 9	20 55	9 15	13 4	6 21
T 30	23n13	5n 1	3s36	23n49	0n22	21n56	0s48	23n22	1n 2	5s54	1s13	8n47	1n58	10s 1	0n32	20n 4	1s33	10n29	11s19	21n 9	20n54	9n12	13n 3	6s20

Julian Day Number = 2411884.5, Delta T = -4.21 sec
Ecliptic obliquity = 23°27'16, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°13'26, Lahiri = 22°20'26

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ASTRODIENST EPHEMERIS for the year 1891
geocentric

JULY 1891 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 35 2	8♋50'11	5♉16	1♋17	17♊25	17♋53	17♓57	12♍19	27°R18	7♊43	8♊ 5	5♊ 1	3♊38	18♍25	4♌21	W 1
T 2	18 38 59	9°47'24	18°57	3°25	18°38	18°32	17°58	12°24	27♎18	7°45	8° 6	5° 3	3°34	18°32	4°28	T 2
F 3	18 42 55	10°44'36	2♊26	5°34	19°50	19°11	17°59	12°29	27°18	7°47	8° 7	5°R 3	3°31	18°38	4°35	F 3
S 4	18 46 52	11°41'49	15°43	7°44	21° 3	19°50	18° 0	12°33	27°18	7°49	8° 9	5° 3	3°28	18°45	4°42	S 4
S 5	18 50 48	12°39'02	28°47	9°54	22°16	20°29	18° 0	12°38	27°18	7°51	8°10	5° 1	3°25	18°52	4°49	S 5
M 6	18 54 45	13°36'16	11♋39	12° 4	23°29	21° 8	18° 1	12°43	27°D18	7°53	8°11	4°57	3°22	18°59	4°56	M 6
T 7	18 58 42	14°33'29	24°18	14°14	24°42	21°47	18° 1	12°48	27°18	7°55	8°12	4°51	3°19	19° 5	5° 3	T 7
W 8	19 2 38	15°30'42	6♌45	16°24	25°55	22°26	18°R 1	12°53	27°18	7°57	8°13	4°44	3°15	19°12	5°10	W 8
T 9	19 6 35	16°27'56	19° 1	18°33	27° 8	23° 5	18° 1	12°59	27°18	7°58	8°14	4°37	3°12	19°19	5°18	T 9
F 10	19 10 31	17°25'09	1♍ 6	20°41	28°21	23°44	18° 1	13° 4	27°18	8° 0	8°15	4°30	3° 9	19°25	5°25	F 10
S 11	19 14 28	18°22'22	13° 3	22°48	29°34	24°22	18° 0	13° 9	27°18	8° 2	8°16	4°23	3° 6	19°32	5°32	S 11
S 12	19 18 24	19°19'36	24°56	24°54	0♋47	25° 1	17°59	13°15	27°19	8° 4	8°18	4°19	3° 3	19°39	5°39	S 12
M13	19 22 21	20°16'49	6♎47	26°58	2° 0	25°40	17°58	13°20	27°19	8° 6	8°19	4°16	3° 0	19°46	5°47	M13
T 14	19 26 18	21°14'02	18°43	29° 1	3°13	26°19	17°57	13°25	27°20	8° 7	8°20	4°D15	2°56	19°52	5°54	T 14
W15	19 30 14	22°11'16	0♏47	1♌ 2	4°26	26°57	17°56	13°31	27°20	8° 9	8°21	4°15	2°53	19°59	6° 1	W15
T 16	19 34 11	23° 8'30	13° 4	3° 2	5°39	27°36	17°54	13°37	27°21	8°11	8°22	4°16	2°50	20° 6	6° 9	T 16
F 17	19 38 7	24° 5'43	25°40	5° 0	6°52	28°15	17°53	13°42	27°21	8°13	8°23	4°17	2°47	20°13	6°16	F 17
S 18	19 42 4	25° 2'58	8♐38	6°56	8° 5	28°53	17°51	13°48	27°22	8°14	8°24	4°R17	2°44	20°19	6°23	S 18
S 19	19 46 0	26° 0'12	22° 1	8°51	9°19	29°32	17°49	13°54	27°22	8°16	8°25	4°16	2°40	20°26	6°31	S 19
M20	19 49 57	26°57'27	5♑50	10°44	10°32	0♌11	17°47	14° 0	27°23	8°18	8°26	4°12	2°37	20°33	6°38	M20
T 21	19 53 53	27°54'42	20° 4	12°35	11°45	0°49	17°44	14° 6	27°24	8°19	8°27	4° 7	2°34	20°39	6°45	T 21
W22	19 57 50	28°51'58	4♒37	14°24	12°59	1°28	17°41	14°12	27°25	8°21	8°28	3°59	2°31	20°46	6°53	W22
T 23	20 1 47	29°49'14	19°24	16°11	14°12	2° 6	17°39	14°18	27°26	8°22	8°29	3°51	2°28	20°53	7° 0	T 23
F 24	20 5 43	0♌46'31	4♓16	17°57	15°25	2°45	17°36	14°24	27°27	8°24	8°29	3°43	2°25	21° 0	7° 8	F 24
S 25	20 9 40	1°43'49	19° 5	19°41	16°39	3°24	17°32	14°30	27°27	8°25	8°30	3°36	2°21	21° 6	7°15	S 25
S 26	20 13 36	2°41'07	3♈43	21°23	17°52	4° 2	17°29	14°36	27°29	8°27	8°31	3°31	2°18	21°13	7°23	S 26
M27	20 17 33	3°38'27	18° 5	23° 4	19° 5	4°41	17°25	14°42	27°30	8°28	8°32	3°27	2°15	21°20	7°30	M27
T 28	20 21 29	4°35'48	2♉ 9	24°42	20°19	5°19	17°22	14°49	27°31	8°30	8°33	3°D26	2°12	21°26	7°38	T 28
W29	20 25 26	5°33'09	15°54	26°19	21°32	5°58	17°18	14°55	27°32	8°31	8°34	3°27	2° 9	21°33	7°45	W29
T 30	20 29 22	6°30'32	29°21	27°55	22°46	6°36	17°14	15° 1	27°33	8°33	8°35	3°R27	2° 6	21°40	7°53	T 30
F 31	20 33 19	7♌27'56	12♊32	29♌28	24♋ 0	7♌15	17♓ 9	15♍ 8	27♎34	8♊34	8♊35	3♊27	2♊ 2	21♍47	8♌ 0	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
W 1	23n10	10n51	2s35	23n59	0n32	22n 6	0s46	23n17	1n 2	5s53	1s13	8n45	1n58	10s 1	0n32	20n 5	1s33	10n29	11s19	21n 9	20n53	9n10	13n 1	6s20	W 1
T 2	23 6	16 5	1 27	24 7	0 42	22 15	0 43	23 12	1 3	5 53	1 13	8 43	1 57	10 1	0 32	20 5	1 33	10 29	11 19	21 9	20 53	9 7	13 0	6 20	T 2
F 3	23 1	20 26	0 14	24 12	0 51	22 23	0 41	23 7	1 3	5 53	1 14	8 41	1 57	10 1	0 32	20 5	1 33	10 29	11 20	21 9	20 52	9 4	12 59	6 20	F 3
S 4	22 56	23 39	0n58	24 14	1 0	22 31	0 39	23 1	1 3	5 53	1 14	8 39	1 57	10 1	0 32	20 6	1 33	10 29	11 20	21 9	20 52	9 1	12 57	6 19	S 4
S 5	22 51	25 32	2 5	24 13	1 8	22 38	0 36	22 56	1 3	5 53	1 14	8 37	1 57	10 1	0 32	20 6	1 33	10 29	11 20	21 9	20 51	8 58	12 56	6 19	S 5
M 6	22 46	26 1	3 5	24 10	1 16	22 44	0 34	22 50	1 3	5 53	1 15	8 35	1 57	10 1	0 32	20 6	1 33	10 29	11 20	21 8	20 50	8 55	12 55	6 19	M 6
T 7	22 40	25 8	3 55	24 3	1 22	22 50	0 31	22 44	1 4	5 53	1 15	8 33	1 57	10 1	0 32	20 6	1 33	10 29	11 20	21 7	20 50	8 52	12 53	6 19	T 7
W 8	22 33	23 0	4 33	23 54	1 28	22 55	0 28	22 38	1 4	5 54	1 15	8 31	1 57	10 1	0 32	20 7	1 33	10 30	11 20	21 6	20 49	8 50	12 52	6 18	W 8
T 9	22 26	19 50	4 57	23 43	1 34	22 59	0 26	22 32	1 4	5 54	1 15	8 29	1 57	10 1	0 32	20 7	1 33	10 30	11 20	21 4	20 49	8 47	12 50	6 18	T 9
F 10	22 19	15 53	5 8	23 29	1 38	23 3	0 23	22 25	1 4	5 54	1 16	8 27	1 57	10 1	0 32	20 7	1 33	10 30	11 20	21 3	20 48	8 44	12 49	6 18	F 10
S 11	22 12	11 21	5 5	23 12	1 42	23 6	0 21	22 19	1 4	5 55	1 16	8 25	1 56	10 1	0 32	20 7	1 33	10 30	11 20	21 2	20 47	8 41	12 47	6 18	S 11
S 12	22 4	6 26	4 49	22 53	1 45	23 9	0 18	22 12	1 4	5 55	1 16	8 23	1 56	10 2	0 32	20 8	1 33	10 30	11 21	21 1	20 47	8 38	12 46	6 17	S 12
M13	21 55	1 17	4 20	22 32	1 47	23 11	0 16	22 5	1 5	5 56	1 17	8 21	1 56	10 2	0 32	20 8	1 33	10 30	11 21	21 1	20 46	8 35	12 44	6 17	M13
T 14	21 47	3s56	3 41	22 8	1 48	23 12	0 13	21 58	1 5	5 57	1 17	8 18	1 56	10 2	0 32	20 8	1 34	10 30	11 21	21 0	20 46	8 32	12 43	6 17	T 14
W15	21 38	9 5	2 51	21 43	1 49	23 12	0 11	21 51	1 5	5 57	1 17	8 16	1 56	10 2	0 32	20 8	1 34	10 30	11 21	21 0	20 45	8 29	12 41	6 17	W15
T 16	21 28	14 0	1 52	21 16	1 49	23 12	0 8	21 43	1 5	5 58	1 18	8 14	1 56	10 2	0 32	20 9	1 34	10 30	11 21	21 1	20 44	8 26	12 40	6 17	T 16
F 17	21 18	18 26	0 46	20 47	1 49	23 11	0 6	21 36	1 5	5 59	1 18	8 12	1 56	10 3	0 32	20 9	1 34	10 30	11 21	21 1	20 44	8 24	12 38	6 16	F 17
S 18	21 8	22 8	0s23	20 17	1 48	23 9	0 3	21 28	1 5	6 0	1 18	8 9	1 56	10 3	0 32	20 9	1 34	10 30	11 21	21 1	20 43	8 21	12 36	6 16	S 18
S 19	20 58	24 46	1 34	19 46	1 46	23 7	0 0	21 20	1 6	6 1	1 18	8 7	1 56	10 3	0 32	20 9	1 34	10 30	11 21	21 1	20 42	8 18	12 35	6 16	S 19
M20	20 47	26 0	2 41	19 13	1 43	23 4	0n 2	21 12	1 6	6 3	1 19	8 5	1 56	10 3	0 32	20 10	1 34	10 30	11 22	21 0	20 42	8 15	12 33	6 16	M20
T 21	20 36	25 35	3 40	18 39	1 40	23 1	0 5	21 4	1 6	6 4	1 19	8 2	1 55	10 4	0 32	20 10	1 34	10 30	11 22	20 59	20 41	8 12	12 32	6 16	T 21
W22	20 24	23 25	4 26	18 4	1 37	22 56	0 7	20 55	1 6	6 5	1 19	8 0	1 55	10 4	0 32	20 10	1 34	10 30	11 22	20 58	20 41	8 9	12 30	6 16	W22
T 23	20 12	19 41	4 55	17 28	1 33	22 51	0 10	20 47	1 6	6 6	1 20	7 57	1 55	10 4	0 32	20 10	1 34	10 30	11 22	20 56	20 40	8 6	12 28	6 16	T 23
F 24	20 0	14 40	5 5	16 52	1 28	22 46	0 12	20 38	1 6	6 8	1 20	7 55	1 55	10 5	0 32	20 10	1 34	10 30	11 22	20 54	20 39	8 3	12 26	6 16	F 24
S 25	19 47	8 50	4 54	16 14	1 23	22 39	0 15	20 29	1 7	6 9	1 20	7 53	1 55	10 5	0 31	20 11	1 34	10 30	11 22	20 53	20 39	8 0	12 25	6 15	S 25
S 26	19 34	2 33	4 24	15 37	1 18	22 32	0 17	20 20	1 7	6 11	1 20	7 50	1 55	10 6	0 31	20 11	1 34	10 30	11 22	20 52	20 38	7 57	12 23	6 15	S 26
M27	19 21	3n45	3 38	14 58	1 12	22 25	0 19	20 11	1 7	6 13	1 21	7 48	1 55	10 6	0 31	20 11	1 34	10 30	11 23	20 52	20 37	7 54	12 21	6 15	M27
T 28	19 8	9 44	2 39	14 20	1 6	22 17	0 22	20 2	1 7	6 14	1 21	7 45	1 55	10 6	0 31	20 11	1 34	10 30	11 23	20 51	20 37	7 52	12 19	6 15	T 28
W29	18 54	15 8	1 32	13 41	0 59	22 8	0 24	19 53	1 7	6 16	1 21	7 43	1 55	10 7	0 31	20 11	1 34	10 30	11 23	20 51	20 36	7 49	12 18	6 15	W29
T 30	18 39	19 40	0 22	13 1	0 52	21 58	0 26	19 43	1 7	6 18	1 22	7 40	1 55	10 7	0 31	20 12	1 34	10 30	11 23	20 52	20 36	7 46	12 16	6 15	T 30
F 31	18n25	23n 7	0n48	12n22	0n45	21n48	0n29	19n33	1n 7	6s20	1s22	7n37	1n55	10s 8	0n31	20n12	1s34	10n30	11s23	20n51	20n35	7n43	12n14	6s15	F 31

Julian Day Number = 2411914.5, Delta T = -4.23 sec
Ecliptic obliquity = 23°27'16, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°13'30, Lahiri = 22°20'30

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1891
geocentric

AUGUST 1891 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 37 16	8♌25'22	25♊29	1♍ 0	25♋13	7♌53	17°R 5	15♍14	27♎36	8♊35	8♊36	3°R25	1♊59	21♍53	8♌ 8	S 1
S 2	20 41 12	9°22'48	8♋14	2°30	26°27	8°31	17♓ 0	15°21	27°37	8°37	8°37	3♊20	1°56	22° 0	8°15	S 2
M 3	20 45 9	10°20'16	20°47	3°58	27°40	9°10	16°55	15°27	27°39	8°38	8°38	3°13	1°53	22° 7	8°23	M 3
T 4	20 49 5	11°17'44	3♌11	5°25	28°54	9°48	16°50	15°34	27°40	8°39	8°38	3° 3	1°50	22°13	8°30	T 4
W 5	20 53 2	12°15'13	15°26	6°49	0♌ 8	10°27	16°45	15°41	27°42	8°40	8°39	2°51	1°46	22°20	8°38	W 5
T 6	20 56 58	13°12'44	27°33	8°12	1°22	11° 5	16°40	15°47	27°43	8°41	8°40	2°39	1°43	22°27	8°45	T 6
F 7	21 0 55	14°10'15	9♍32	9°33	2°35	11°44	16°35	15°54	27°45	8°43	8°40	2°26	1°40	22°34	8°53	F 7
S 8	21 4 51	15° 7'47	21°26	10°52	3°49	12°22	16°29	16° 1	27°46	8°44	8°41	2°15	1°37	22°40	9° 0	S 8
S 9	21 8 48	16° 5'21	3♎16	12° 9	5° 3	13° 0	16°23	16° 8	27°48	8°45	8°42	2° 6	1°34	22°47	9° 8	S 9
M10	21 12 45	17° 2'55	15° 6	13°25	6°17	13°39	16°17	16°15	27°50	8°46	8°42	1°59	1°31	22°54	9°15	M10
T 11	21 16 41	18° 0'30	27° 0	14°38	7°31	14°17	16°11	16°21	27°52	8°47	8°43	1°55	1°27	23° 0	9°23	T 11
W12	21 20 38	18°58'06	9♏ 1	15°49	8°45	14°55	16° 5	16°28	27°54	8°48	8°44	1°54	1°24	23° 7	9°30	W12
T 13	21 24 34	19°55'43	21°16	16°57	9°59	15°34	15°59	16°35	27°56	8°49	8°44	1°D53	1°21	23°14	9°38	T 13
F 14	21 28 31	20°53'21	3♐48	18° 4	11°12	16°12	15°53	16°42	27°57	8°50	8°45	1°R53	1°18	23°21	9°45	F 14
S 15	21 32 27	21°51'00	16°44	19° 8	12°26	16°50	15°46	16°49	27°59	8°51	8°45	1°53	1°15	23°27	9°52	S 15
S 16	21 36 24	22°48'40	0♑ 6	20° 9	13°40	17°29	15°39	16°56	28° 2	8°52	8°46	1°50	1°11	23°34	10° 0	S 16
M17	21 40 20	23°46'21	13°58	21° 8	14°54	18° 7	15°33	17° 4	28° 4	8°53	8°46	1°46	1° 8	23°41	10° 7	M17
T 18	21 44 17	24°44'03	28°19	22° 4	16° 8	18°45	15°26	17°11	28° 6	8°53	8°47	1°38	1° 5	23°47	10°15	T 18
W19	21 48 14	25°41'47	13♒ 5	22°57	17°23	19°23	15°19	17°18	28° 8	8°54	8°47	1°29	1° 2	23°54	10°22	W19
T 20	21 52 10	26°39'32	28° 9	23°48	18°37	20° 2	15°12	17°25	28°10	8°55	8°47	1°18	0°59	24° 1	10°29	T 20
F 21	21 56 7	27°37'18	13♓21	24°34	19°51	20°40	15° 5	17°32	28°12	8°56	8°48	1° 7	0°56	24° 8	10°37	F 21
S 22	22 0 3	28°35'05	28°31	25°18	21° 5	21°18	14°57	17°39	28°15	8°57	8°48	0°57	0°52	24°14	10°44	S 22
S 23	22 4 0	29°32'54	13♈28	25°58	22°19	21°56	14°50	17°47	28°17	8°57	8°49	0°50	0°49	24°21	10°51	S 23
M24	22 7 56	0♍30'45	28° 5	26°34	23°33	22°34	14°43	17°54	28°19	8°58	8°49	0°45	0°46	24°28	10°59	M24
T 25	22 11 53	1°28'38	12♉18	27° 5	24°48	23°13	14°35	18° 1	28°22	8°58	8°49	0°43	0°43	24°34	11° 6	T 25
W26	22 15 49	2°26'33	26° 6	27°33	26° 2	23°51	14°28	18° 9	28°24	8°59	8°49	0°43	0°40	24°41	11°13	W26
T 27	22 19 46	3°24'29	9♊30	27°56	27°16	24°29	14°20	18°16	28°27	9° 0	8°50	0°42	0°37	24°48	11°20	T 27
F 28	22 23 43	4°22'28	22°33	28°14	28°30	25° 7	14°12	18°23	28°29	9° 0	8°50	0°42	0°33	24°54	11°28	F 28
S 29	22 27 39	5°20'28	5♋19	28°27	29°45	25°45	14° 4	18°31	28°32	9° 1	8°50	0°39	0°30	25° 1	11°35	S 29
S 30	22 31 36	6°18'30	17°51	28°34	0♍59	26°24	13°57	18°38	28°35	9° 1	8°50	0°34	0°27	25° 8	11°42	S 30
M31	22 35 32	7♍16'34	0♌11	28°R36	2♍13	27♌ 2	13♓49	18♍45	28♎37	9♊ 2	8♊51	0♊26	0♊24	25♍15	11♌49	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n10	25n17	1n54	11n42	0n37	21n37	0n31	19n24	1n 7	6s22	1s22	7n35	1n55	10s 8	0n31	20n12	1s34	10n30	11s23	20n51	20n34	7n40	12n12	6s15
S 2	17 55	26 5	2 54	11 2	0 29	21 25	0 33	19 14	1 8	6 24	1 22	7 32	1 55	10 9	0 31	20 12	1 34	10 29	11 24	20 50	20 34	7 37	12 10	6 15
M 3	17 40	25 32	3 43	10 23	0 21	21 13	0 36	19 4	1 8	6 26	1 23	7 30	1 54	10 9	0 31	20 12	1 34	10 29	11 24	20 49	20 33	7 34	12 8	6 15
T 4	17 24	23 42	4 22	9 43	0 12	21 0	0 38	18 54	1 8	6 28	1 23	7 27	1 54	10 10	0 31	20 12	1 34	10 29	11 24	20 47	20 32	7 31	12 7	6 15
W 5	17 8	20 48	4 48	9 4	0 3	20 47	0 40	18 43	1 8	6 30	1 23	7 24	1 54	10 11	0 31	20 13	1 34	10 29	11 24	20 45	20 32	7 28	12 5	6 15
T 6	16 52	17 1	5 0	8 25	0s 6	20 33	0 42	18 33	1 8	6 33	1 23	7 22	1 54	10 11	0 31	20 13	1 34	10 29	11 24	20 42	20 31	7 25	12 3	6 15
F 7	16 35	12 36	4 59	7 46	0 15	20 19	0 44	18 22	1 8	6 35	1 24	7 19	1 54	10 12	0 31	20 13	1 34	10 29	11 25	20 40	20 31	7 22	12 1	6 15
S 8	16 19	7 45	4 45	7 7	0 24	20 3	0 46	18 12	1 8	6 37	1 24	7 16	1 54	10 12	0 31	20 13	1 34	10 29	11 25	20 38	20 30	7 19	11 59	6 15
S 9	16 1	2 39	4 18	6 29	0 34	19 48	0 48	18 1	1 8	6 40	1 24	7 14	1 54	10 13	0 31	20 13	1 34	10 29	11 25	20 36	20 29	7 16	11 57	6 15
M10	15 44	2s33	3 41	5 51	0 44	19 31	0 50	17 50	1 8	6 42	1 24	7 11	1 54	10 14	0 31	20 13	1 35	10 29	11 25	20 34	20 29	7 13	11 55	6 15
T 11	15 27	7 43	2 54	5 14	0 54	19 15	0 52	17 39	1 8	6 45	1 25	7 8	1 54	10 14	0 31	20 13	1 35	10 29	11 25	20 34	20 28	7 10	11 53	6 15
W12	15 9	12 39	1 58	4 37	1 4	18 57	0 54	17 28	1 9	6 48	1 25	7 6	1 54	10 15	0 31	20 13	1 35	10 29	11 25	20 33	20 27	7 7	11 51	6 15
T 13	14 51	17 11	0 56	4 1	1 14	18 39	0 56	17 16	1 9	6 50	1 25	7 3	1 54	10 16	0 31	20 14	1 35	10 29	11 26	20 33	20 27	7 4	11 49	6 15
F 14	14 32	21 5	0s10	3 26	1 24	18 21	0 58	17 5	1 9	6 53	1 25	7 0	1 54	10 17	0 31	20 14	1 35	10 28	11 26	20 33	20 26	7 1	11 47	6 15
S 15	14 14	24 5	1 18	2 51	1 35	18 2	0 59	16 54	1 9	6 56	1 25	6 57	1 54	10 17	0 31	20 14	1 35	10 28	11 26	20 33	20 25	6 58	11 45	6 15
S 16	13 55	25 51	2 23	2 17	1 45	17 42	1 1	16 42	1 9	6 58	1 26	6 55	1 54	10 18	0 31	20 14	1 35	10 28	11 26	20 33	20 25	6 56	11 43	6 15
M17	13 36	26 5	3 23	1 45	1 56	17 22	1 3	16 30	1 9	7 1	1 26	6 52	1 54	10 19	0 31	20 14	1 35	10 28	11 26	20 32	20 24	6 53	11 41	6 15
T 18	13 17	24 37	4 12	1 13	2 6	17 2	1 4	16 18	1 9	7 4	1 26	6 49	1 54	10 20	0 31	20 14	1 35	10 28	11 27	20 30	20 23	6 50	11 39	6 16
W19	12 58	21 27	4 45	0 42	2 17	16 41	1 6	16 7	1 9	7 7	1 26	6 46	1 54	10 20	0 31	20 14	1 35	10 28	11 27	20 28	20 23	6 47	11 37	6 16
T 20	12 38	16 48	5 0	0 13	2 27	16 19	1 7	15 55	1 9	7 10	1 26	6 43	1 54	10 21	0 31	20 14	1 35	10 28	11 27	20 26	20 22	6 44	11 35	6 16
F 21	12 18	11 4	4 53	0s15	2 37	15 57	1 9	15 42	1 9	7 13	1 26	6 40	1 54	10 22	0 31	20 14	1 35	10 28	11 27	20 24	20 21	6 41	11 33	6 16
S 22	11 58	4 40	4 27	0 41	2 47	15 35	1 10	15 30	1 9	7 16	1 27	6 38	1 54	10 23	0 31	20 14	1 35	10 27	11 27	20 22	20 21	6 38	11 31	6 16
S 23	11 38	1n55	3 42	1 6	2 57	15 12	1 11	15 18	1 9	7 19	1 27	6 35	1 54	10 24	0 31	20 14	1 35	10 27	11 28	20 20	20 20	6 35	11 29	6 16
M24	11 18	8 15	2 43	1 29	3 7	14 49	1 13	15 5	1 9	7 22	1 27	6 32	1 54	10 25	0 30	20 14	1 35	10 27	11 28	20 19	20 19	6 32	11 27	6 16
T 25	10 57	14 1	1 36	1 51	3 17	14 25	1 14	14 53	1 9	7 25	1 27	6 29	1 54	10 26	0 30	20 14	1 35	10 27	11 28	20 19	20 19	6 29	11 25	6 17
W26	10 37	18 54	0 24	2 10	3 26	14 1	1 15	14 40	1 9	7 28	1 27	6 26	1 54	10 26	0 30	20 15	1 35	10 27	11 28	20 19	20 18	6 26	11 23	6 17
T 27	10 16	22 39	0n46	2 27	3 34	13 37	1 16	14 28	1 10	7 31	1 27	6 23	1 54	10 27	0 30	20 15	1 35	10 27	11 28	20 19	20 17	6 23	11 21	6 17
F 28	9 55	25 7	1 53	2 42	3 43	13 12	1 17	14 15	1 10	7 34	1 27	6 20	1 54	10 28	0 30	20 15	1 35	10 26	11 29	20 19	20 17	6 20	11 18	6 17
S 29	9 34	26 13	2 52	2 54	3 51	12 47	1 18	14 2	1 10	7 37	1 28	6 18	1 54	10 29	0 30	20 15	1 35	10 26	11 29	20 18	20 16	6 17	11 16	6 17
S 30	9 12	25 55	3 41	3 4	3 58	12 22	1 19	13 49	1 10	7 40	1 28	6 15	1 54	10 30	0 30	20 15	1 35	10 26	11 29	20 17	20 15	6 14	11 14	6 17
M31	8n51	24n21	4n20	3s10	4s 4	11n56	1n20	13n36	1n10	7s43	1s28	6n12	1n54	10s31	0n30	20n15	1s36	10n26	11s29	20n15	20n15	6n11	11n12	6s18

Julian Day Number = 2411945.5, Delta T = -4.26 sec
Ecliptic obliquity = 23°27'16, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°13'34, Lahiri = 22°20'35

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ASTRODIENST EPHEMERIS for the year 1891
geocentric

SEPTEMBER 1891 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 39 29	8♍14'40	12♌22	28°R32	3♍28	27♌40	13°R41	18♍53	28♎40	9♊ 2	8♊51	0°R15	0♊21	25♍21	11♌56	T 1
W 2	22 43 25	9°12'47	24°26	28♍22	4°42	28°18	13♓33	19° 0	28°43	9° 2	8°51	0♊ 2	0°17	25°28	12° 3	W 2
T 3	22 47 22	10°10'56	6♍25	28° 5	5°57	28°56	13°25	19° 8	28°45	9° 3	8°51	29♉48	0°14	25°35	12°10	T 3
F 4	22 51 18	11° 9'07	18°19	27°42	7°11	29°34	13°17	19°15	28°48	9° 3	8°51	29°35	0°11	25°41	12°17	F 4
S 5	22 55 15	12° 7'20	0♎10	27°13	8°26	0♍13	13° 9	19°23	28°51	9° 3	8°51	29°22	0° 8	25°48	12°24	S 5
S 6	22 59 12	13° 5'34	12° 0	26°38	9°40	0°51	13° 1	19°30	28°54	9° 3	8°51	29°12	0° 5	25°55	12°31	S 6
M 7	23 3 8	14° 3'50	23°50	25°56	10°55	1°29	12°53	19°38	28°57	9° 4	8°51	29° 4	0° 2	26° 2	12°38	M 7
T 8	23 7 5	15° 2'07	5♏45	25°10	12° 9	2° 7	12°45	19°45	29° 0	9° 4	8°R51	28°59	29♉58	26° 8	12°45	T 8
W 9	23 11 1	16° 0'26	17°46	24°18	13°24	2°45	12°37	19°53	29° 3	9° 4	8°51	28°57	29°55	26°15	12°52	W 9
T 10	23 14 58	16°58'47	29°59	23°22	14°38	3°23	12°29	20° 0	29° 6	9° 4	8°51	28°D56	29°52	26°22	12°59	T 10
F 11	23 18 54	17°57'10	12♐30	22°23	15°53	4° 1	12°22	20° 8	29° 9	9° 4	8°51	28°R57	29°49	26°28	13° 5	F 11
S 12	23 22 51	18°55'34	25°21	21°21	17° 8	4°39	12°14	20°15	29°12	9°R 4	8°51	28°57	29°46	26°35	13°12	S 12
S 13	23 26 47	19°53'59	8♑38	20°20	18°22	5°17	12° 6	20°23	29°15	9° 4	8°51	28°55	29°43	26°42	13°19	S 13
M14	23 30 44	20°52'26	22°23	19°18	19°37	5°56	11°58	20°30	29°18	9° 4	8°51	28°52	29°39	26°49	13°25	M14
T 15	23 34 41	21°50'55	6♒39	18°19	20°51	6°34	11°50	20°38	29°21	9° 4	8°51	28°46	29°36	26°55	13°32	T 15
W16	23 38 37	22°49'25	21°22	17°24	22° 6	7°12	11°43	20°45	29°24	9° 4	8°51	28°38	29°33	27° 2	13°38	W16
T 17	23 42 34	23°47'57	6♓27	16°34	23°21	7°50	11°35	20°53	29°28	9° 4	8°51	28°28	29°30	27° 9	13°45	T 17
F 18	23 46 30	24°46'31	21°45	15°50	24°36	8°28	11°27	21° 0	29°31	9° 3	8°50	28°19	29°27	27°15	13°51	F 18
S 19	23 50 27	25°45'07	7♈ 4	15°13	25°50	9° 6	11°20	21° 8	29°34	9° 3	8°50	28°10	29°23	27°22	13°58	S 19
S 20	23 54 23	26°43'45	22°14	14°45	27° 5	9°44	11°13	21°15	29°37	9° 3	8°50	28° 4	29°20	27°29	14° 4	S 20
M21	23 58 20	27°42'24	7♉ 4	14°26	28°20	10°22	11° 5	21°22	29°41	9° 3	8°50	28° 0	29°17	27°35	14°10	M21
T 22	0 2 16	28°41'06	21°30	14°D17	29°34	11° 0	10°58	21°30	29°44	9° 2	8°49	27°D58	29°14	27°42	14°16	T 22
W23	0 6 13	29°39'51	5♊28	14°18	0♎49	11°38	10°51	21°37	29°48	9° 2	8°49	27°58	29°11	27°49	14°23	W23
T 24	0 10 9	0♎38'37	18°58	14°28	2° 4	12°16	10°44	21°45	29°51	9° 2	8°49	27°59	29° 8	27°56	14°29	T 24
F 25	0 14 6	1°37'26	2♋ 4	14°49	3°19	12°54	10°37	21°52	29°54	9° 1	8°49	27°R59	29° 4	28° 2	14°35	F 25
S 26	0 18 3	2°36'18	14°47	15°19	4°34	13°32	10°30	22° 0	29°58	9° 1	8°48	27°58	29° 1	28° 9	14°41	S 26
S 27	0 21 59	3°35'11	27°14	15°58	5°48	14°11	10°23	22° 7	0♏ 1	9° 0	8°48	27°56	28°58	28°16	14°47	S 27
M28	0 25 56	4°34'07	9♌27	16°46	7° 3	14°49	10°17	22°15	0° 5	9° 0	8°47	27°50	28°55	28°22	14°53	M28
T 29	0 29 52	5°33'05	21°31	17°42	8°18	15°27	10°10	22°22	0° 8	8°59	8°47	27°43	28°52	28°29	14°58	T 29
W30	0 33 49	6♎32'05	3♍28	18♍45	9♎33	16♍ 5	10♓ 4	22♍29	0♏12	8♊59	8♊47	27♉34	28♉48	28♍36	15♌ 4	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n29	21n40	4n46	3s14	4s10	11n30	1n21	13n23	1n10	7s46	1s28	6n 9	1n54	10s32	0n30	20n15	1s36	10n26	11s29	20n13	20n14	6n 8	11n10	6s18
W 2	8 7	18 4	4 58	3 14	4 14	11 3	1 21	13 10	1 10	7 50	1 28	6 6	1 54	10 33	0 30	20 15	1 36	10 26	11 30	20 10	20 13	6 5	11 8	6 18
T 3	7 45	13 46	4 58	3 11	4 17	10 36	1 22	12 56	1 10	7 53	1 28	6 3	1 54	10 34	0 30	20 15	1 36	10 25	11 30	20 7	20 13	6 2	11 6	6 18
F 4	7 23	8 59	4 44	3 3	4 20	10 9	1 22	12 43	1 10	7 56	1 28	6 0	1 54	10 35	0 30	20 15	1 36	10 25	11 30	20 4	20 12	5 59	11 4	6 19
S 5	7 1	3 53	4 18	2 53	4 20	9 42	1 23	12 30	1 10	7 59	1 28	5 57	1 54	10 36	0 30	20 15	1 36	10 25	11 30	20 2	20 11	5 56	11 2	6 19
S 6	6 39	1s21	3 41	2 38	4 20	9 14	1 23	12 16	1 10	8 2	1 28	5 54	1 54	10 37	0 30	20 15	1 36	10 25	11 31	19 59	20 11	5 53	10 59	6 19
M 7	6 16	6 33	2 55	2 19	4 17	8 46	1 24	12 3	1 10	8 5	1 28	5 51	1 54	10 38	0 30	20 15	1 36	10 25	11 31	19 58	20 10	5 50	10 57	6 19
T 8	5 54	11 34	2 0	1 57	4 13	8 18	1 24	11 49	1 10	8 8	1 28	5 48	1 54	10 39	0 30	20 15	1 36	10 24	11 31	19 57	20 9	5 46	10 55	6 20
W 9	5 31	16 12	0 59	1 31	4 7	7 50	1 24	11 35	1 10	8 11	1 28	5 46	1 54	10 40	0 30	20 15	1 36	10 24	11 31	19 56	20 9	5 43	10 53	6 20
T 10	5 9	20 15	0s 6	1 1	3 59	7 21	1 25	11 21	1 10	8 14	1 29	5 43	1 54	10 42	0 30	20 15	1 36	10 24	11 31	19 56	20 8	5 40	10 51	6 20
F 11	4 46	23 29	1 11	0 29	3 49	6 52	1 25	11 8	1 10	8 18	1 29	5 40	1 54	10 43	0 30	20 14	1 36	10 24	11 32	19 56	20 7	5 37	10 49	6 20
S 12	4 23	25 38	2 15	0n 6	3 37	6 23	1 25	10 54	1 10	8 21	1 29	5 37	1 54	10 44	0 30	20 14	1 36	10 24	11 32	19 56	20 7	5 34	10 47	6 21
S 13	4 0	26 24	3 14	0 43	3 23	5 54	1 25	10 40	1 10	8 24	1 29	5 34	1 54	10 45	0 30	20 14	1 36	10 23	11 32	19 56	20 6	5 31	10 44	6 21
M14	3 37	25 37	4 4	1 21	3 8	5 25	1 25	10 26	1 10	8 27	1 29	5 31	1 54	10 46	0 30	20 14	1 36	10 23	11 32	19 55	20 5	5 28	10 42	6 21
T 15	3 14	23 9	4 41	2 0	2 51	4 55	1 25	10 12	1 10	8 30	1 29	5 28	1 54	10 47	0 30	20 14	1 36	10 23	11 32	19 54	20 5	5 25	10 40	6 22
W16	2 51	19 8	5 1	2 38	2 33	4 26	1 25	9 57	1 10	8 32	1 29	5 25	1 54	10 48	0 30	20 14	1 36	10 23	11 33	19 52	20 4	5 22	10 38	6 22
T 17	2 28	13 48	5 0	3 15	2 14	3 56	1 24	9 43	1 10	8 35	1 29	5 22	1 54	10 49	0 30	20 14	1 36	10 22	11 33	19 50	20 3	5 19	10 36	6 22
F 18	2 5	7 32	4 38	3 50	1 54	3 26	1 24	9 29	1 10	8 38	1 29	5 19	1 54	10 51	0 30	20 14	1 36	10 22	11 33	19 48	20 3	5 16	10 34	6 23
S 19	1 41	0 49	3 57	4 23	1 34	2 56	1 24	9 15	1 10	8 41	1 29	5 16	1 54	10 52	0 30	20 14	1 36	10 22	11 33	19 46	20 2	5 13	10 32	6 23
S 20	1 18	5n54	2 59	4 52	1 14	2 26	1 23	9 0	1 10	8 44	1 29	5 14	1 55	10 53	0 30	20 14	1 37	10 22	11 33	19 44	20 1	5 10	10 30	6 23
M21	0 55	12 10	1 49	5 17	0 55	1 56	1 23	8 46	1 10	8 47	1 29	5 11	1 55	10 54	0 30	20 14	1 37	10 22	11 34	19 44	20 1	5 7	10 27	6 24
T 22	0 31	17 36	0 35	5 39	0 35	1 26	1 22	8 31	1 10	8 49	1 28	5 8	1 55	10 55	0 30	20 14	1 37	10 21	11 34	19 43	20 0	5 4	10 25	6 24
W23	0 8	21 53	0n40	5 55	0 17	0 55	1 22	8 17	1 10	8 52	1 28	5 5	1 55	10 57	0 30	20 14	1 37	10 21	11 34	19 43	19 59	5 1	10 23	6 25
T 24	0s15	24 49	1 50	6 8	0n 1	0 25	1 21	8 2	1 10	8 55	1 28	5 2	1 55	10 58	0 30	20 14	1 37	10 21	11 34	19 43	19 59	4 58	10 21	6 25
F 25	0 39	26 18	2 52	6 15	0 17	0s 6	1 20	7 47	1 10	8 57	1 28	4 59	1 55	10 59	0 30	20 13	1 37	10 21	11 34	19 43	19 58	4 55	10 19	6 25
S 26	1 2	26 20	3 44	6 17	0 32	0 36	1 19	7 33	1 10	9 0	1 28	4 56	1 55	11 0	0 30	20 13	1 37	10 20	11 35	19 43	19 57	4 52	10 17	6 26
S 27	1 26	25 2	4 24	6 15	0 46	1 6	1 18	7 18	1 10	9 2	1 28	4 53	1 55	11 1	0 30	20 13	1 37	10 20	11 35	19 43	19 56	4 49	10 15	6 26
M28	1 49	22 34	4 50	6 8	0 59	1 37	1 17	7 3	1 10	9 5	1 28	4 51	1 55	11 3	0 30	20 13	1 37	10 20	11 35	19 42	19 56	4 46	10 13	6 27
T 29	2 12	19 8	5 4	5 57	1 10	2 7	1 16	6 49	1 10	9 7	1 28	4 48	1 55	11 4	0 30	20 13	1 37	10 20	11 35	19 40	19 55	4 42	10 11	6 27
W30	2s36	14n58	5n 4	5n41	1n21	2s38	1n15	6n34	1n10	9s 9	1s28	4n45	1n55	11s 5	0n30	20n13	1s37	10n19	11s35	19n38	19n54	4n39	10n 9	6s28

Julian Day Number = 2411976.5, Delta T = -4.28 sec
Ecliptic obliquity = 23°27'17, Nutation = - 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°13'39, Lahiri = 22°20'39

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ASTRODIENST EPHEMERIS for the year 1891
geocentric

OCTOBER 1891 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 37 45	7♎31'07	15♍21	19♍55	10♎48	16♍43	9°R58	22♍37	0♏15	8°R58	8°R46	27°R24	28♉45	28♍43	15♌10	T 1
F 2	0 41 42	8°30'12	27°12	21°11	12° 3	17°21	9♓52	22°44	0°19	8♊57	8♊46	27♉15	28°42	28°49	15°16	F 2
S 3	0 45 38	9°29'18	9♎ 3	22°32	13°18	17°59	9°46	22°51	0°22	8°57	8°45	27° 6	28°39	28°56	15°21	S 3
S 4	0 49 35	10°28'27	20°55	23°58	14°33	18°37	9°40	22°59	0°26	8°56	8°45	26°59	28°36	29° 3	15°27	S 4
M 5	0 53 32	11°27'37	2♏51	25°27	15°47	19°15	9°34	23° 6	0°30	8°55	8°44	26°54	28°33	29° 9	15°32	M 5
T 6	0 57 28	12°26'50	14°52	27° 0	17° 2	19°53	9°29	23°13	0°33	8°55	8°44	26°51	28°29	29°16	15°37	T 6
W 7	1 1 25	13°26'04	27° 0	28°36	18°17	20°31	9°23	23°20	0°37	8°54	8°43	26°D50	28°26	29°23	15°43	W 7
T 8	1 5 21	14°25'20	9♐19	0♎14	19°32	21° 9	9°18	23°28	0°40	8°53	8°42	26°50	28°23	29°29	15°48	T 8
F 9	1 9 18	15°24'39	21°52	1°53	20°47	21°47	9°13	23°35	0°44	8°52	8°42	26°52	28°20	29°36	15°53	F 9
S 10	1 13 14	16°23'59	4♑43	3°34	22° 2	22°25	9° 8	23°42	0°48	8°51	8°41	26°53	28°17	29°43	15°58	S 10
S 11	1 17 11	17°23'20	17°56	5°16	23°17	23° 3	9° 4	23°49	0°51	8°50	8°41	26°R54	28°14	29°50	16° 3	S 11
M12	1 21 7	18°22'44	1♒33	6°59	24°32	23°41	8°59	23°56	0°55	8°49	8°40	26°53	28°10	29°56	16° 8	M12
T 13	1 25 4	19°22'09	15°37	8°43	25°47	24°20	8°55	24° 3	0°59	8°49	8°39	26°51	28° 7	0♎ 3	16°13	T 13
W14	1 29 1	20°21'36	0♓ 5	10°26	27° 2	24°58	8°51	24°10	1° 3	8°48	8°38	26°47	28° 4	0°10	16°18	W14
T 15	1 32 57	21°21'05	14°56	12°10	28°17	25°36	8°47	24°17	1° 6	8°47	8°38	26°42	28° 1	0°16	16°23	T 15
F 16	1 36 54	22°20'35	0♈ 1	13°54	29°32	26°14	8°43	24°24	1°10	8°46	8°37	26°37	27°58	0°23	16°27	F 16
S 17	1 40 50	23°20'08	15°13	15°38	0♏47	26°52	8°39	24°31	1°14	8°44	8°36	26°32	27°54	0°30	16°32	S 17
S 18	1 44 47	24°19'42	0♉21	17°21	2° 2	27°30	8°36	24°38	1°18	8°43	8°36	26°28	27°51	0°36	16°36	S 18
M19	1 48 43	25°19'18	15°15	19° 4	3°17	28° 8	8°33	24°45	1°21	8°42	8°35	26°26	27°48	0°43	16°41	M19
T 20	1 52 40	26°18'57	29°48	20°47	4°32	28°46	8°30	24°51	1°25	8°41	8°34	26°D26	27°45	0°50	16°45	T 20
W21	1 56 36	27°18'38	13♊55	22°29	5°47	29°24	8°27	24°58	1°29	8°40	8°33	26°27	27°42	0°57	16°49	W21
T 22	2 0 33	28°18'21	27°34	24°11	7° 2	0♎ 2	8°24	25° 5	1°33	8°39	8°32	26°28	27°39	1° 3	16°53	T 22
F 23	2 4 30	29°18'06	10♋47	25°53	8°17	0°40	8°22	25°12	1°36	8°38	8°32	26°30	27°35	1°10	16°57	F 23
S 24	2 8 26	0♏17'54	23°36	27°34	9°32	1°18	8°20	25°18	1°40	8°36	8°31	26°31	27°32	1°17	17° 1	S 24
S 25	2 12 23	1°17'44	6♌ 4	29°14	10°47	1°56	8°17	25°25	1°44	8°35	8°30	26°R31	27°29	1°23	17° 5	S 25
M26	2 16 19	2°17'36	18°17	0♏54	12° 2	2°34	8°16	25°31	1°48	8°34	8°29	26°30	27°26	1°30	17° 9	M26
T 27	2 20 16	3°17'30	0♍19	2°34	13°17	3°12	8°14	25°38	1°51	8°32	8°28	26°28	27°23	1°37	17°13	T 27
W28	2 24 12	4°17'26	12°13	4°12	14°32	3°50	8°13	25°44	1°55	8°31	8°27	26°25	27°20	1°43	17°16	W28
T 29	2 28 9	5°17'24	24° 3	5°51	15°47	4°28	8°11	25°51	1°59	8°30	8°26	26°21	27°16	1°50	17°20	T 29
F 30	2 32 5	6°17'25	5♎54	7°29	17° 2	5° 6	8°10	25°57	2° 3	8°28	8°25	26°18	27°13	1°57	17°23	F 30
S 31	2 36 2	7♏17'27	17♎47	9♏ 6	18♏17	5♎44	8♓ 9	26♍ 3	2♏ 6	8♊27	8♊24	26♉15	27♉10	2♎ 4	17♌27	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	2s59	10n15	4n51	5n22	1n29	3s 8	1n14	6n19	1n 9	9s12	1s28	4n42	1n55	11s 6	0n30	20n13	1s37	10n19	11s35	19n36	19n54	4n36	10n 7	6s28
F 2	3 22	5 11	4 26	4 59	1 37	3 39	1 13	6 4	1 9	9 14	1 28	4 39	1 56	11 8	0 30	20 13	1 37	10 19	11 36	19 33	19 53	4 33	10 4	6 29
S 3	3 46	0s 5	3 49	4 32	1 43	4 9	1 12	5 49	1 9	9 16	1 28	4 36	1 56	11 9	0 30	20 12	1 37	10 19	11 36	19 31	19 52	4 30	10 2	6 29
S 4	4 9	5 22	3 1	4 3	1 48	4 39	1 11	5 34	1 9	9 18	1 28	4 34	1 56	11 10	0 30	20 12	1 37	10 18	11 36	19 30	19 52	4 27	10 0	6 29
M 5	4 32	10 30	2 6	3 31	1 51	5 9	1 9	5 19	1 9	9 20	1 27	4 31	1 56	11 11	0 30	20 12	1 37	10 18	11 36	19 29	19 51	4 24	9 58	6 30
T 6	4 55	15 17	1 4	2 56	1 54	5 39	1 8	5 4	1 9	9 22	1 27	4 28	1 56	11 13	0 30	20 12	1 37	10 18	11 36	19 28	19 50	4 21	9 56	6 30
W 7	5 18	19 31	0s 1	2 20	1 56	6 9	1 6	4 49	1 9	9 24	1 27	4 25	1 56	11 14	0 29	20 12	1 37	10 18	11 37	19 28	19 49	4 18	9 54	6 31
T 8	5 41	22 58	1 7	1 42	1 57	6 39	1 5	4 34	1 9	9 26	1 27	4 23	1 56	11 15	0 29	20 12	1 37	10 17	11 37	19 28	19 49	4 15	9 52	6 31
F 9	6 4	25 24	2 12	1 2	1 57	7 8	1 3	4 19	1 9	9 28	1 27	4 20	1 56	11 17	0 29	20 11	1 37	10 17	11 37	19 28	19 48	4 12	9 50	6 32
S 10	6 27	26 33	3 11	0 21	1 56	7 38	1 2	4 4	1 9	9 29	1 27	4 17	1 56	11 18	0 29	20 11	1 37	10 17	11 37	19 28	19 47	4 9	9 48	6 32
S 11	6 50	26 15	4 2	0s20	1 55	8 7	1 0	3 49	1 9	9 31	1 27	4 14	1 56	11 19	0 29	20 11	1 37	10 17	11 37	19 29	19 47	4 6	9 47	6 33
M12	7 13	24 24	4 41	1 3	1 53	8 36	0 58	3 34	1 9	9 32	1 26	4 12	1 57	11 21	0 29	20 11	1 37	10 16	11 37	19 28	19 46	4 2	9 45	6 33
T 13	7 35	21 1	5 5	1 46	1 50	9 5	0 57	3 18	1 9	9 34	1 26	4 9	1 57	11 22	0 29	20 11	1 38	10 16	11 38	19 28	19 45	3 59	9 43	6 34
W14	7 58	16 17	5 11	2 30	1 47	9 34	0 55	3 3	1 9	9 35	1 26	4 6	1 57	11 23	0 29	20 11	1 38	10 16	11 38	19 27	19 45	3 56	9 41	6 35
T 15	8 20	10 29	4 56	3 14	1 43	10 3	0 53	2 48	1 9	9 37	1 26	4 4	1 57	11 24	0 29	20 10	1 38	10 16	11 38	19 26	19 44	3 53	9 39	6 35
F 16	8 42	3 58	4 20	3 58	1 39	10 31	0 51	2 33	1 8	9 38	1 26	4 1	1 57	11 26	0 29	20 10	1 38	10 15	11 38	19 25	19 43	3 50	9 37	6 36
S 17	9 4	2n50	3 26	4 42	1 34	10 59	0 49	2 18	1 8	9 39	1 26	3 58	1 57	11 27	0 29	20 10	1 38	10 15	11 38	19 24	19 42	3 47	9 35	6 36
S 18	9 26	9 27	2 18	5 26	1 29	11 27	0 47	2 2	1 8	9 40	1 25	3 56	1 57	11 28	0 29	20 10	1 38	10 15	11 38	19 23	19 42	3 44	9 33	6 37
M19	9 48	15 27	1 1	6 10	1 24	11 54	0 45	1 47	1 8	9 41	1 25	3 53	1 58	11 30	0 29	20 10	1 38	10 15	11 38	19 22	19 41	3 41	9 31	6 37
T 20	10 10	20 25	0n18	6 54	1 19	12 22	0 43	1 32	1 8	9 42	1 25	3 51	1 58	11 31	0 29	20 9	1 38	10 14	11 39	19 22	19 40	3 38	9 30	6 38
W21	10 31	24 3	1 34	7 38	1 13	12 49	0 41	1 17	1 8	9 43	1 25	3 48	1 58	11 32	0 29	20 9	1 38	10 14	11 39	19 22	19 40	3 35	9 28	6 39
T 22	10 53	26 8	2 42	8 21	1 7	13 15	0 39	1 1	1 8	9 44	1 25	3 46	1 58	11 34	0 29	20 9	1 38	10 14	11 39	19 23	19 39	3 31	9 26	6 39
F 23	11 14	26 40	3 40	9 3	1 1	13 41	0 37	0 46	1 8	9 45	1 25	3 43	1 58	11 35	0 29	20 9	1 38	10 14	11 39	19 23	19 38	3 28	9 24	6 40
S 24	11 35	25 44	4 24	9 45	0 55	14 7	0 35	0 31	1 8	9 45	1 24	3 41	1 58	11 36	0 29	20 8	1 38	10 13	11 39	19 23	19 37	3 25	9 23	6 40
S 25	11 56	23 31	4 55	10 27	0 49	14 33	0 33	0 16	1 7	9 46	1 24	3 38	1 58	11 38	0 29	20 8	1 38	10 13	11 39	19 23	19 37	3 22	9 21	6 41
M26	12 17	20 17	5 11	11 8	0 42	14 58	0 30	0 0	1 7	9 47	1 24	3 36	1 59	11 39	0 29	20 8	1 38	10 13	11 39	19 23	19 36	3 19	9 19	6 41
T 27	12 37	16 15	5 14	11 49	0 36	15 23	0 28	0s15	1 7	9 47	1 24	3 33	1 59	11 40	0 29	20 8	1 38	10 13	11 39	19 23	19 35	3 16	9 18	6 42
W28	12 57	11 38	5 2	12 28	0 29	15 48	0 26	0 30	1 7	9 47	1 24	3 31	1 59	11 41	0 29	20 8	1 38	10 12	11 39	19 22	19 34	3 13	9 16	6 43
T 29	13 18	6 37	4 39	13 8	0 22	16 12	0 23	0 45	1 7	9 48	1 23	3 28	1 59	11 43	0 29	20 7	1 38	10 12	11 40	19 21	19 34	3 10	9 14	6 43
F 30	13 38	1 22	4 3	13 46	0 16	16 36	0 21	1 0	1 7	9 48	1 23	3 26	1 59	11 44	0 29	20 7	1 38	10 12	11 40	19 20	19 33	3 6	9 13	6 44
S 31	13s57	3s58	3n16	14s24	0n 9	16s59	0n19	1s16	1n 7	9s48	1s23	3n24	1n59	11s45	0n29	20n 7	1s38	10n12	11s40	19n19	19n32	3n 3	9n11	6s45

Julian Day Number = 2412006.5, Delta T = -4.31 sec
Ecliptic obliquity = 23°27'18, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°13'43, Lahiri = 22°20'43

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ASTRODIENST EPHEMERIS for the year 1891
geocentric

NOVEMBER 1891 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 39 59	8♏17'32	29♎45	10♏43	19♏32	6♎22	8°R 9	26♍ 9	2♏10	8°R26	8°R23	26°R12	27♉ 7	2♎10	17♌30	S 1
M 2	2 43 55	9°17'38	11♏49	12°20	20°47	7° 0	8♓ 8	26°16	2°14	8♊24	8♊22	26♉11	27° 4	2°17	17°33	M 2
T 3	2 47 52	10°17'46	24° 2	13°56	22° 2	7°39	8° 8	26°22	2°18	8°23	8°21	26°D10	27° 0	2°24	17°36	T 3
W 4	2 51 48	11°17'57	6♐24	15°31	23°17	8°17	8°D 8	26°28	2°21	8°21	8°20	26°10	26°57	2°30	17°39	W 4
T 5	2 55 45	12°18'08	18°58	17° 7	24°32	8°55	8° 8	26°34	2°25	8°20	8°19	26°11	26°54	2°37	17°42	T 5
F 6	2 59 41	13°18'22	1♑44	18°42	25°47	9°33	8° 9	26°40	2°29	8°18	8°18	26°12	26°51	2°44	17°45	F 6
S 7	3 3 38	14°18'37	14°45	20°16	27° 2	10°11	8° 9	26°46	2°33	8°17	8°17	26°13	26°48	2°50	17°47	S 7
S 8	3 7 34	15°18'54	28° 3	21°50	28°17	10°49	8°10	26°51	2°36	8°15	8°16	26°14	26°45	2°57	17°50	S 8
M 9	3 11 31	16°19'11	11♒38	23°24	29°32	11°27	8°11	26°57	2°40	8°14	8°15	26°R15	26°41	3° 4	17°52	M 9
T 10	3 15 28	17°19'31	25°33	24°57	0♐47	12° 5	8°12	27° 3	2°44	8°12	8°14	26°15	26°38	3°11	17°55	T 10
W11	3 19 24	18°19'52	9♓45	26°31	2° 2	12°43	8°14	27° 9	2°47	8°11	8°13	26°14	26°35	3°17	17°57	W11
T 12	3 23 21	19°20'14	24°14	28° 3	3°17	13°21	8°16	27°14	2°51	8° 9	8°12	26°13	26°32	3°24	17°59	T 12
F 13	3 27 17	20°20'37	8♈55	29°36	4°32	13°59	8°17	27°20	2°55	8° 7	8°11	26°13	26°29	3°31	18° 1	F 13
S 14	3 31 14	21°21'02	23°44	1♐ 8	5°48	14°37	8°19	27°25	2°58	8° 6	8°10	26°12	26°26	3°37	18° 3	S 14
S 15	3 35 10	22°21'28	8♉32	2°40	7° 3	15°15	8°22	27°30	3° 2	8° 4	8° 9	26°12	26°22	3°44	18° 5	S 15
M16	3 39 7	23°21'56	23°13	4°12	8°18	15°53	8°24	27°36	3° 6	8° 3	8° 8	26°D12	26°19	3°51	18° 7	M16
T 17	3 43 3	24°22'25	7♊39	5°43	9°33	16°31	8°27	27°41	3° 9	8° 1	8° 7	26°12	26°16	3°57	18° 8	T 17
W18	3 47 0	25°22'57	21°46	7°14	10°48	17° 9	8°30	27°46	3°13	7°59	8° 6	26°12	26°13	4° 4	18°10	W18
T 19	3 50 57	26°23'30	5♋29	8°45	12° 3	17°47	8°33	27°51	3°16	7°58	8° 4	26°R12	26°10	4°11	18°11	T 19
F 20	3 54 53	27°24'04	18°47	10°16	13°18	18°25	8°36	27°56	3°20	7°56	8° 3	26°12	26° 6	4°17	18°13	F 20
S 21	3 58 50	28°24'40	1♌42	11°46	14°33	19° 3	8°39	28° 1	3°23	7°54	8° 2	26°12	26° 3	4°24	18°14	S 21
S 22	4 2 46	29°25'18	14°16	13°16	15°48	19°41	8°43	28° 6	3°27	7°53	8° 1	26°11	26° 0	4°31	18°15	S 22
M23	4 6 43	0♐25'58	26°32	14°46	17° 3	20°19	8°47	28°11	3°30	7°51	8° 0	26°D11	25°57	4°38	18°16	M23
T 24	4 10 39	1°26'39	8♍35	16°16	18°18	20°58	8°51	28°15	3°34	7°49	7°59	26°11	25°54	4°44	18°17	T 24
W25	4 14 36	2°27'21	20°29	17°45	19°33	21°36	8°55	28°20	3°37	7°48	7°58	26°11	25°51	4°51	18°18	W25
T 26	4 18 32	3°28'06	2♎19	19°13	20°48	22°14	8°59	28°24	3°41	7°46	7°57	26°12	25°47	4°58	18°18	T 26
F 27	4 22 29	4°28'51	14°10	20°41	22° 3	22°52	9° 4	28°29	3°44	7°44	7°55	26°13	25°44	5° 4	18°19	F 27
S 28	4 26 26	5°29'39	26° 6	22° 9	23°18	23°30	9° 9	28°33	3°47	7°43	7°54	26°14	25°41	5°11	18°19	S 28
S 29	4 30 22	6°30'28	8♏10	23°36	24°33	24° 8	9°13	28°38	3°51	7°41	7°53	26°15	25°38	5°18	18°20	S 29
M30	4 34 19	7♐31'18	20♏24	25♐ 2	25♐48	24♎46	9♓19	28♍42	3♏54	7♊39	7♊52	26°R15	25♉35	5♎24	18♌20	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s17	9s12	2n21	15s 1	0n 2	17s22	0n16	1s31	1n 7	9s48	1s23	3n21	2n 0	11s47	0n29	20n 7	1s38	10n11	11s40	19n19	19n32	3n 0	9n 9	6s45
M 2	14 36	14 9	1 18	15 37	0s 4	17 44	0 14	1 46	1 6	9 48	1 23	3 19	2 0	11 48	0 29	20 6	1 38	10 11	11 40	19 19	19 31	2 57	9 8	6 46
T 3	14 55	18 36	0 12	16 12	0 11	18 6	0 12	2 1	1 6	9 48	1 22	3 17	2 0	11 49	0 29	20 6	1 38	10 11	11 40	19 18	19 30	2 54	9 6	6 47
W 4	15 14	22 19	0s56	16 47	0 18	18 28	0 9	2 16	1 6	9 48	1 22	3 15	2 0	11 51	0 29	20 6	1 38	10 11	11 40	19 18	19 29	2 51	9 5	6 47
T 5	15 32	25 2	2 3	17 21	0 25	18 48	0 7	2 31	1 6	9 47	1 22	3 12	2 0	11 52	0 29	20 6	1 38	10 11	11 40	19 19	19 29	2 48	9 3	6 48
F 6	15 51	26 31	3 4	17 54	0 31	19 9	0 4	2 47	1 6	9 47	1 22	3 10	2 1	11 53	0 29	20 5	1 38	10 10	11 40	19 19	19 28	2 45	9 2	6 48
S 7	16 9	26 35	3 58	18 26	0 38	19 29	0 2	3 2	1 6	9 47	1 21	3 8	2 1	11 54	0 29	20 5	1 38	10 10	11 40	19 19	19 27	2 41	9 1	6 49
S 8	16 26	25 8	4 40	18 57	0 44	19 48	0s 1	3 17	1 5	9 46	1 21	3 6	2 1	11 56	0 29	20 5	1 38	10 10	11 40	19 19	19 26	2 38	8 59	6 50
M 9	16 44	22 13	5 7	19 27	0 50	20 7	0 3	3 32	1 5	9 45	1 21	3 4	2 1	11 57	0 29	20 5	1 38	10 10	11 40	19 19	19 26	2 35	8 58	6 50
T 10	17 1	17 59	5 17	19 56	0 57	20 25	0 6	3 47	1 5	9 45	1 21	3 2	2 1	11 58	0 29	20 4	1 38	10 9	11 41	19 19	19 25	2 32	8 56	6 51
W11	17 18	12 40	5 8	20 24	1 3	20 43	0 8	4 2	1 5	9 44	1 21	3 0	2 2	11 59	0 29	20 4	1 38	10 9	11 41	19 19	19 24	2 29	8 55	6 52
T 12	17 34	6 35	4 40	20 52	1 9	21 0	0 11	4 17	1 5	9 43	1 20	2 58	2 2	12 1	0 29	20 4	1 38	10 9	11 41	19 19	19 24	2 26	8 54	6 52
F 13	17 51	0 2	3 53	21 18	1 15	21 17	0 13	4 32	1 5	9 42	1 20	2 56	2 2	12 2	0 29	20 4	1 38	10 9	11 41	19 19	19 23	2 23	8 53	6 53
S 14	18 7	6n34	2 51	21 43	1 21	21 32	0 16	4 47	1 4	9 41	1 20	2 54	2 2	12 3	0 29	20 3	1 38	10 9	11 41	19 19	19 22	2 19	8 51	6 54
S 15	18 22	12 50	1 36	22 7	1 26	21 48	0 18	5 1	1 4	9 40	1 20	2 52	2 2	12 4	0 29	20 3	1 38	10 8	11 41	19 19	19 21	2 16	8 50	6 54
M16	18 38	18 19	0 17	22 30	1 32	22 2	0 21	5 16	1 4	9 39	1 20	2 50	2 3	12 6	0 29	20 3	1 38	10 8	11 41	19 19	19 21	2 13	8 49	6 55
T 17	18 53	22 38	1n 3	22 52	1 37	22 16	0 23	5 31	1 4	9 38	1 19	2 48	2 3	12 7	0 29	20 2	1 38	10 8	11 41	19 19	19 20	2 10	8 48	6 56
W18	19 7	25 29	2 17	23 12	1 42	22 30	0 25	5 46	1 4	9 37	1 19	2 46	2 3	12 8	0 29	20 2	1 38	10 8	11 41	19 19	19 19	2 7	8 47	6 57
T 19	19 22	26 42	3 21	23 32	1 47	22 43	0 28	6 0	1 3	9 35	1 19	2 44	2 3	12 9	0 29	20 2	1 38	10 8	11 41	19 19	19 18	2 4	8 46	6 57
F 20	19 36	26 18	4 12	23 50	1 51	22 55	0 30	6 15	1 3	9 34	1 19	2 43	2 3	12 10	0 29	20 2	1 38	10 8	11 41	19 19	19 18	2 1	8 45	6 58
S 21	19 49	24 29	4 49	24 7	1 56	23 6	0 33	6 30	1 3	9 33	1 18	2 41	2 4	12 12	0 29	20 1	1 38	10 7	11 41	19 19	19 17	1 57	8 44	6 59
S 22	20 2	21 30	5 11	24 23	2 0	23 17	0 35	6 44	1 3	9 31	1 18	2 39	2 4	12 13	0 29	20 1	1 38	10 7	11 41	19 19	19 16	1 54	8 43	6 59
M23	20 15	17 39	5 17	24 38	2 4	23 27	0 38	6 59	1 3	9 29	1 18	2 37	2 4	12 14	0 29	20 1	1 38	10 7	11 41	19 19	19 15	1 51	8 42	7 0
T 24	20 28	13 9	5 10	24 51	2 7	23 36	0 40	7 13	1 2	9 28	1 18	2 36	2 4	12 15	0 29	20 1	1 38	10 7	11 41	19 19	19 15	1 48	8 41	7 1
W25	20 40	8 12	4 49	25 4	2 11	23 45	0 42	7 28	1 2	9 26	1 18	2 34	2 5	12 16	0 29	20 0	1 38	10 7	11 41	19 19	19 14	1 45	8 40	7 1
T 26	20 52	3 0	4 17	25 14	2 14	23 53	0 45	7 42	1 2	9 24	1 17	2 33	2 5	12 18	0 29	20 0	1 38	10 7	11 41	19 19	19 13	1 42	8 39	7 2
F 27	21 3	2s19	3 33	25 24	2 16	24 0	0 47	7 56	1 2	9 22	1 17	2 31	2 5	12 19	0 29	20 0	1 38	10 6	11 41	19 19	19 12	1 38	8 38	7 3
S 28	21 14	7 36	2 40	25 32	2 19	24 6	0 49	8 11	1 1	9 20	1 17	2 29	2 5	12 20	0 29	19 59	1 38	10 6	11 41	19 19	19 12	1 35	8 38	7 3
S 29	21 25	12 41	1 39	25 38	2 20	24 12	0 51	8 25	1 1	9 18	1 17	2 28	2 6	12 21	0 29	19 59	1 38	10 6	11 41	19 20	19 11	1 32	8 37	7 4
M30	21s35	17s20	0n32	25s43	2s22	24s17	0s54	8s39	1n 1	9s16	1s17	2n27	2n 6	12s22	0n29	19n59	1s38	10n 6	11s41	19n20	19n10	1n29	8n36	7s 5

Julian Day Number = 2412037.5, Delta T = -4.34 sec
Ecliptic obliquity = 23°27'17, Nutation = - 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°13'47, Lahiri = 22°20'47

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ASTRODIENST EPHEMERIS for the year 1891
geocentric

DECEMBER 1891 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 38 15	8♐32'09	2♐51	26♐28	27♐ 3	25♎24	9♓24	28♍46	3♏57	7°R37	7°R51	26°R15	25♉32	5♎31	18♌20	T 1
W 2	4 42 12	9°33'02	15°32	27°52	28°18	26° 2	9°29	28°50	4° 1	7♊36	7♊50	26♉15	25°28	5°38	18°R20	W 2
T 3	4 46 8	10°33'56	28°27	29°16	29°33	26°40	9°35	28°54	4° 4	7°34	7°49	26°13	25°25	5°44	18°20	T 3
F 4	4 50 5	11°34'50	11♑37	0♑38	0♑48	27°18	9°41	28°58	4° 7	7°32	7°47	26°11	25°22	5°51	18°20	F 4
S 5	4 54 1	12°35'46	24°59	1°59	2° 3	27°56	9°47	29° 1	4°10	7°31	7°46	26° 9	25°19	5°58	18°19	S 5
S 6	4 57 58	13°36'43	8♒34	3°18	3°18	28°34	9°53	29° 5	4°13	7°29	7°45	26° 6	25°16	6° 5	18°19	S 6
M 7	5 1 55	14°37'40	22°21	4°35	4°33	29°12	9°59	29° 9	4°16	7°27	7°44	26° 4	25°12	6°11	18°18	M 7
T 8	5 5 51	15°38'38	6♓17	5°49	5°48	29°50	10° 6	29°12	4°20	7°26	7°43	26° 3	25° 9	6°18	18°18	T 8
W 9	5 9 48	16°39'36	20°22	7° 1	7° 3	0♏28	10°13	29°15	4°23	7°24	7°42	26°D 3	25° 6	6°25	18°17	W 9
T 10	5 13 44	17°40'35	4♈34	8°10	8°18	1° 6	10°19	29°19	4°26	7°22	7°41	26° 4	25° 3	6°31	18°16	T 10
F 11	5 17 41	18°41'34	18°51	9°16	9°32	1°44	10°26	29°22	4°29	7°21	7°40	26° 5	25° 0	6°38	18°15	F 11
S 12	5 21 37	19°42'35	3♉11	10°17	10°47	2°22	10°34	29°25	4°31	7°19	7°38	26° 7	24°57	6°45	18°14	S 12
S 13	5 25 34	20°43'35	17°31	11°14	12° 2	3° 0	10°41	29°28	4°34	7°17	7°37	26° 8	24°53	6°51	18°13	S 13
M14	5 29 30	21°44'37	1♊45	12° 5	13°17	3°38	10°49	29°31	4°37	7°16	7°36	26°R 8	24°50	6°58	18°12	M14
T 15	5 33 27	22°45'38	15°50	12°50	14°32	4°16	10°56	29°34	4°40	7°14	7°35	26° 7	24°47	7° 5	18°10	T 15
W16	5 37 24	23°46'41	29°42	13°28	15°47	4°54	11° 4	29°36	4°43	7°12	7°34	26° 4	24°44	7°11	18° 9	W16
T 17	5 41 20	24°47'44	13♋17	13°58	17° 2	5°32	11°12	29°39	4°46	7°11	7°33	26° 0	24°41	7°18	18° 7	T 17
F 18	5 45 17	25°48'48	26°32	14°20	18°17	6°10	11°20	29°41	4°48	7° 9	7°32	25°55	24°38	7°25	18° 5	F 18
S 19	5 49 13	26°49'53	9♌27	14°31	19°31	6°48	11°28	29°44	4°51	7° 8	7°31	25°50	24°34	7°32	18° 4	S 19
S 20	5 53 10	27°50'58	22° 3	14°R33	20°46	7°26	11°37	29°46	4°54	7° 6	7°30	25°45	24°31	7°38	18° 2	S 20
M21	5 57 6	28°52'04	4♍22	14°23	22° 1	8° 4	11°45	29°48	4°56	7° 5	7°29	25°41	24°28	7°45	18° 0	M21
T 22	6 1 3	29°53'11	16°26	14° 1	23°16	8°42	11°54	29°50	4°59	7° 3	7°28	25°38	24°25	7°52	17°58	T 22
W23	6 5 0	0♑54'18	28°21	13°28	24°31	9°20	12° 3	29°52	5° 1	7° 1	7°27	25°D37	24°22	7°58	17°55	W23
T 24	6 8 56	1°55'26	10♎12	12°43	25°46	9°58	12°12	29°54	5° 4	7° 0	7°26	25°37	24°18	8° 5	17°53	T 24
F 25	6 12 53	2°56'35	22° 3	11°48	27° 0	10°35	12°21	29°56	5° 6	6°58	7°25	25°39	24°15	8°12	17°51	F 25
S 26	6 16 49	3°57'44	3♏59	10°42	28°15	11°13	12°30	29°57	5° 9	6°57	7°24	25°40	24°12	8°18	17°48	S 26
S 27	6 20 46	4°58'54	16° 5	9°30	29°30	11°51	12°39	29°59	5°11	6°56	7°23	25°42	24° 9	8°25	17°46	S 27
M28	6 24 42	6° 0'04	28°26	8°11	0♒45	12°29	12°49	0♎ 0	5°13	6°54	7°22	25°R42	24° 6	8°32	17°43	M28
T 29	6 28 39	7° 1'15	11♐ 5	6°50	1°59	13° 7	12°59	0° 2	5°16	6°53	7°21	25°41	24° 3	8°38	17°40	T 29
W30	6 32 35	8° 2'26	24° 3	5°28	3°14	13°45	13° 8	0° 3	5°18	6°51	7°20	25°38	23°59	8°45	17°37	W30
T 31	6 36 32	9♑ 3'37	7♑20	4♑ 9	4♒29	14♏23	13♓18	0♎ 4	5♏20	6♊50	7♊19	25♉32	23♉56	8♎52	17♌35	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s44	21s20	0s36	25s47	2s23	24s21	0s56	8s53	1n 1	9s14	1s16	2n25	2n 6	12s23	0n29	19n59	1s38	10n 6	11s41	19n20	19n 9	1n26	8n35	7s 5
W 2	21 54	24 24	1 45	25 50	2 23	24 25	0 58	9 7	1 0	9 11	1 16	2 24	2 6	12 24	0 29	19 58	1 38	10 6	11 41	19 19	19 9	1 23	8 35	7 6
T 3	22 3	26 16	2 49	25 50	2 23	24 27	1 0	9 21	1 0	9 9	1 16	2 22	2 7	12 25	0 29	19 58	1 38	10 6	11 41	19 19	19 8	1 19	8 34	7 7
F 4	22 11	26 41	3 45	25 50	2 23	24 29	1 2	9 35	1 0	9 7	1 16	2 21	2 7	12 26	0 29	19 58	1 38	10 6	11 41	19 19	19 7	1 16	8 34	7 7
S 5	22 19	25 34	4 30	25 48	2 22	24 31	1 4	9 49	1 0	9 4	1 15	2 20	2 7	12 27	0 29	19 58	1 38	10 5	11 40	19 18	19 6	1 13	8 33	7 8
S 6	22 27	22 58	5 1	25 45	2 20	24 31	1 6	10 3	0 59	9 2	1 15	2 19	2 7	12 28	0 29	19 57	1 38	10 5	11 40	19 18	19 5	1 10	8 33	7 9
M 7	22 34	19 2	5 15	25 40	2 17	24 31	1 8	10 17	0 59	8 59	1 15	2 17	2 8	12 30	0 29	19 57	1 38	10 5	11 40	19 17	19 5	1 7	8 32	7 9
T 8	22 41	14 1	5 10	25 33	2 14	24 30	1 10	10 30	0 59	8 57	1 15	2 16	2 8	12 31	0 29	19 57	1 38	10 5	11 40	19 17	19 4	1 4	8 32	7 10
W 9	22 47	8 13	4 48	25 26	2 10	24 28	1 12	10 44	0 58	8 54	1 15	2 15	2 8	12 32	0 29	19 57	1 38	10 5	11 40	19 17	19 3	1 0	8 31	7 11
T 10	22 53	1 58	4 7	25 17	2 5	24 25	1 14	10 57	0 58	8 51	1 14	2 14	2 8	12 33	0 29	19 56	1 38	10 5	11 40	19 17	19 2	0 57	8 31	7 11
F 11	22 58	4n27	3 11	25 7	1 59	24 22	1 16	11 11	0 58	8 48	1 14	2 13	2 9	12 34	0 29	19 56	1 38	10 5	11 40	19 17	19 2	0 54	8 31	7 12
S 12	23 3	10 39	2 3	24 55	1 52	24 18	1 17	11 24	0 58	8 45	1 14	2 12	2 9	12 35	0 29	19 56	1 38	10 5	11 40	19 18	19 1	0 51	8 30	7 13
S 13	23 8	16 19	0 47	24 43	1 45	24 13	1 19	11 37	0 57	8 42	1 14	2 11	2 9	12 35	0 29	19 56	1 38	10 5	11 40	19 18	19 0	0 48	8 30	7 13
M14	23 12	21 2	0n31	24 30	1 36	24 8	1 21	11 51	0 57	8 39	1 14	2 10	2 9	12 36	0 29	19 55	1 38	10 5	11 40	19 18	18 59	0 45	8 30	7 14
T 15	23 15	24 28	1 46	24 15	1 26	24 2	1 22	12 4	0 57	8 36	1 14	2 10	2 10	12 37	0 29	19 55	1 38	10 4	11 40	19 18	18 59	0 41	8 30	7 14
W16	23 18	26 21	2 54	24 0	1 14	23 55	1 24	12 17	0 56	8 33	1 13	2 9	2 10	12 38	0 29	19 55	1 38	10 4	11 40	19 17	18 58	0 38	8 30	7 15
T 17	23 21	26 36	3 50	23 45	1 2	23 47	1 25	12 30	0 56	8 30	1 13	2 8	2 10	12 39	0 29	19 55	1 38	10 4	11 39	19 16	18 57	0 35	8 29	7 16
F 18	23 23	25 19	4 32	23 29	0 48	23 38	1 27	12 42	0 56	8 27	1 13	2 7	2 11	12 40	0 29	19 54	1 38	10 4	11 39	19 15	18 56	0 32	8 29	7 16
S 19	23 25	22 42	5 0	23 12	0 33	23 29	1 28	12 55	0 55	8 23	1 13	2 6	2 11	12 41	0 30	19 54	1 38	10 4	11 39	19 14	18 55	0 29	8 29	7 17
S 20	23 26	19 4	5 11	22 56	0 16	23 19	1 29	13 8	0 55	8 20	1 13	2 6	2 11	12 42	0 30	19 54	1 38	10 4	11 39	19 12	18 55	0 25	8 29	7 17
M21	23 27	14 42	5 9	22 39	0n 1	23 9	1 31	13 21	0 55	8 16	1 12	2 5	2 11	12 43	0 30	19 54	1 38	10 4	11 39	19 11	18 54	0 22	8 29	7 18
T 22	23 27	9 50	4 52	22 23	0 20	22 57	1 32	13 33	0 54	8 13	1 12	2 5	2 12	12 44	0 30	19 53	1 38	10 4	11 39	19 11	18 53	0 19	8 29	7 19
W23	23 27	4 40	4 23	22 8	0 39	22 45	1 33	13 45	0 54	8 9	1 12	2 4	2 12	12 44	0 30	19 53	1 38	10 4	11 39	19 11	18 52	0 16	8 30	7 19
T 24	23 26	0s38	3 43	21 52	0 59	22 33	1 34	13 58	0 54	8 6	1 12	2 4	2 12	12 45	0 30	19 53	1 38	10 4	11 39	19 11	18 52	0 13	8 30	7 20
F 25	23 25	5 55	2 53	21 38	1 19	22 19	1 35	14 10	0 53	8 2	1 12	2 3	2 12	12 46	0 30	19 53	1 38	10 4	11 38	19 11	18 51	0 9	8 30	7 20
S 26	23 24	11 2	1 56	21 24	1 38	22 5	1 36	14 22	0 53	7 59	1 12	2 3	2 13	12 47	0 30	19 53	1 38	10 4	11 38	19 11	18 50	0 6	8 30	7 21
S 27	23 22	15 50	0 52	21 11	1 57	21 51	1 37	14 34	0 52	7 55	1 11	2 2	2 13	12 48	0 30	19 52	1 38	10 4	11 38	19 12	18 49	0 3	8 30	7 21
M28	23 19	20 4	0s15	20 58	2 14	21 36	1 38	14 46	0 52	7 51	1 11	2 2	2 13	12 48	0 30	19 52	1 38	10 4	11 38	19 12	18 48	0s 0	8 31	7 22
T 29	23 16	23 29	1 22	20 47	2 30	21 20	1 38	14 58	0 52	7 47	1 11	2 2	2 14	12 49	0 30	19 52	1 38	10 4	11 38	19 12	18 48	0 3	8 31	7 22
W30	23 13	25 47	2 27	20 37	2 43	21 3	1 39	15 10	0 51	7 43	1 11	2 2	2 14	12 50	0 30	19 52	1 38	10 4	11 38	19 11	18 47	0 7	8 31	7 23
T 31	23s 9	26s41	3s26	20s29	2n54	20s46	1s40	15s21	0n51	7s39	1s11	2n 1	2n14	12s51	0n30	19n52	1s38	10n 4	11s37	19n 9	18n46	0s10	8n32	7s23

Julian Day Number = 2412067.5, Delta T = -4.36 sec
Ecliptic obliquity = 23°27'17, Nutation = - 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°13'51, Lahiri = 22°20'52

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1892
geocentric

JANUARY 1892 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 40 29	10♑ 4'48	20♑56	2°R54	5♒43	15♏ 1	13♓28	0♎ 5	5♏22	6°R48	7°R18	25°R25	23♉53	8♎58	17°R31	F 1
S 2	6 44 25	11° 6'00	4♒47	1♑47	6°58	15°39	13°38	0° 6	5°24	6♊47	7♊17	25♉17	23°50	9° 5	17♌28	S 2
S 3	6 48 22	12° 7'11	18°49	0°48	8°13	16°17	13°49	0° 7	5°26	6°46	7°16	25° 9	23°47	9°12	17°25	S 3
M 4	6 52 18	13° 8'22	2♓59	29♐58	9°27	16°54	13°59	0° 7	5°28	6°44	7°15	25° 2	23°44	9°19	17°22	M 4
T 5	6 56 15	14° 9'32	17°12	29°18	10°42	17°32	14° 9	0° 8	5°30	6°43	7°14	24°57	23°40	9°25	17°19	T 5
W 6	7 0 11	15°10'42	1♈24	28°48	11°56	18°10	14°20	0° 8	5°32	6°42	7°13	24°54	23°37	9°32	17°15	W 6
T 7	7 4 8	16°11'52	15°32	28°29	13°11	18°48	14°31	0° 9	5°34	6°41	7°12	24°D53	23°34	9°39	17°12	T 7
F 8	7 8 4	17°13'01	29°37	28°19	14°25	19°26	14°42	0° 9	5°36	6°39	7°11	24°54	23°31	9°45	17° 8	F 8
S 9	7 12 1	18°14'09	13♉36	28°D18	15°40	20° 3	14°53	0° 9	5°37	6°38	7°11	24°55	23°28	9°52	17° 4	S 9
S 10	7 15 58	19°15'17	27°29	28°25	16°54	20°41	15° 4	0°R 9	5°39	6°37	7°10	24°R55	23°24	9°59	17° 1	S 10
M11	7 19 54	20°16'25	11♊15	28°41	18° 9	21°19	15°15	0° 9	5°41	6°36	7° 9	24°54	23°21	10° 5	16°57	M11
T 12	7 23 51	21°17'32	24°52	29° 3	19°23	21°57	15°26	0° 9	5°42	6°35	7° 8	24°50	23°18	10°12	16°53	T 12
W13	7 27 47	22°18'39	8♋20	29°33	20°37	22°34	15°37	0° 8	5°44	6°34	7° 7	24°44	23°15	10°19	16°49	W13
T 14	7 31 44	23°19'45	21°35	0♑ 8	21°52	23°12	15°49	0° 8	5°45	6°33	7° 7	24°35	23°12	10°25	16°45	T 14
F 15	7 35 40	24°20'50	4♌37	0°48	23° 6	23°50	16° 0	0° 7	5°47	6°32	7° 6	24°24	23° 9	10°32	16°41	F 15
S 16	7 39 37	25°21'56	17°23	1°33	24°20	24°27	16°12	0° 7	5°48	6°31	7° 5	24°13	23° 5	10°39	16°37	S 16
S 17	7 43 33	26°23'00	29°54	2°23	25°34	25° 5	16°24	0° 6	5°50	6°30	7° 5	24° 1	23° 2	10°45	16°33	S 17
M18	7 47 30	27°24'04	12♍10	3°16	26°49	25°43	16°36	0° 5	5°51	6°29	7° 4	23°51	22°59	10°52	16°29	M18
T 19	7 51 27	28°25'08	24°14	4°13	28° 3	26°20	16°48	0° 4	5°52	6°28	7° 3	23°43	22°56	10°59	16°25	T 19
W20	7 55 23	29°26'12	6♎ 9	5°13	29°17	26°58	17° 0	0° 3	5°53	6°27	7° 3	23°38	22°53	11° 5	16°20	W20
T 21	7 59 20	0♒27'15	17°58	6°15	0♓31	27°36	17°12	0° 2	5°54	6°26	7° 2	23°35	22°50	11°12	16°16	T 21
F 22	8 3 16	1°28'17	29°48	7°21	1°45	28°13	17°24	0° 1	5°55	6°25	7° 1	23°D34	22°46	11°19	16°12	F 22
S 23	8 7 13	2°29'19	11♏42	8°28	2°59	28°51	17°36	29♍59	5°56	6°24	7° 1	23°34	22°43	11°25	16° 7	S 23
S 24	8 11 9	3°30'21	23°48	9°38	4°13	29°29	17°48	29°58	5°57	6°24	7° 0	23°R35	22°40	11°32	16° 3	S 24
M25	8 15 6	4°31'22	6♐10	10°50	5°27	0♐ 6	18° 1	29°56	5°58	6°23	7° 0	23°34	22°37	11°39	15°59	M25
T 26	8 19 2	5°32'22	18°52	12° 3	6°41	0°44	18°13	29°55	5°59	6°22	6°59	23°31	22°34	11°46	15°54	T 26
W27	8 22 59	6°33'22	1♑58	13°19	7°55	1°21	18°26	29°53	6° 0	6°22	6°59	23°26	22°30	11°52	15°50	W27
T 28	8 26 56	7°34'21	15°30	14°35	9° 8	1°59	18°39	29°51	6° 1	6°21	6°58	23°18	22°27	11°59	15°45	T 28
F 29	8 30 52	8°35'20	29°26	15°53	10°22	2°36	18°51	29°49	6° 1	6°20	6°58	23° 7	22°24	12° 6	15°40	F 29
S 30	8 34 49	9°36'17	13♒42	17°13	11°36	3°14	19° 4	29°47	6° 2	6°20	6°57	22°55	22°21	12°12	15°36	S 30
S 31	8 38 45	10♒37'13	28♒13	18♑34	12♓49	3♐51	19♓17	29♍45	6♏ 2	6♊19	6♊57	22♉43	22♉18	12♎19	15♌31	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 4	26s 0	4s14	20s22	3n 3	20s28	1s40	15s33	0n50	7s35	1s11	2n 1	2n14	12s51	0n30	19n51	1s38	10n 4	11s37	19n 8	18n45	0s13	8n32	7s24
S 2	22 59	23 44	4 48	20 17	3 9	20 10	1 41	15 44	0 50	7 31	1 10	2 1	2 15	12 52	0 30	19 51	1 38	10 4	11 37	19 6	18 45	0 16	8 33	7 24
S 3	22 54	20 2	5 6	20 14	3 13	19 51	1 41	15 56	0 50	7 27	1 10	2 1	2 15	12 53	0 30	19 51	1 38	10 4	11 37	19 4	18 44	0 19	8 33	7 25
M 4	22 48	15 9	5 4	20 12	3 15	19 31	1 41	16 7	0 49	7 23	1 10	2 1	2 15	12 53	0 30	19 51	1 38	10 4	11 37	19 2	18 43	0 23	8 34	7 25
T 5	22 42	9 26	4 45	20 13	3 14	19 11	1 41	16 18	0 49	7 19	1 10	2 1	2 16	12 54	0 30	19 51	1 38	10 4	11 37	19 1	18 42	0 26	8 34	7 25
W 6	22 35	3 14	4 8	20 15	3 12	18 51	1 42	16 29	0 48	7 15	1 10	2 1	2 16	12 54	0 30	19 50	1 37	10 4	11 36	19 0	18 41	0 29	8 35	7 26
T 7	22 28	3n 7	3 15	20 19	3 8	18 30	1 42	16 40	0 48	7 10	1 10	2 1	2 16	12 55	0 30	19 50	1 37	10 4	11 36	19 0	18 41	0 32	8 36	7 26
F 8	22 21	9 17	2 12	20 24	3 3	18 8	1 42	16 50	0 47	7 6	1 9	2 2	2 16	12 56	0 30	19 50	1 37	10 5	11 36	19 0	18 40	0 35	8 36	7 27
S 9	22 13	14 58	1 0	20 30	2 57	17 46	1 42	17 1	0 47	7 2	1 9	2 2	2 17	12 56	0 30	19 50	1 37	10 5	11 36	19 0	18 39	0 39	8 37	7 27
S 10	22 4	19 50	0n14	20 37	2 49	17 23	1 41	17 11	0 46	6 57	1 9	2 2	2 17	12 57	0 30	19 50	1 37	10 5	11 36	19 1	18 38	0 42	8 38	7 27
M11	21 55	23 34	1 26	20 45	2 42	17 0	1 41	17 22	0 46	6 53	1 9	2 2	2 17	12 57	0 30	19 50	1 37	10 5	11 35	19 0	18 37	0 45	8 39	7 28
T 12	21 46	25 54	2 33	20 54	2 33	16 37	1 41	17 32	0 45	6 48	1 9	2 3	2 18	12 58	0 30	19 50	1 37	10 5	11 35	18 59	18 37	0 48	8 40	7 28
W13	21 36	26 42	3 30	21 3	2 24	16 13	1 40	17 42	0 45	6 44	1 9	2 3	2 18	12 58	0 30	19 49	1 37	10 5	11 35	18 58	18 36	0 51	8 40	7 28
T 14	21 26	25 55	4 15	21 12	2 15	15 48	1 40	17 52	0 44	6 39	1 9	2 4	2 18	12 59	0 30	19 49	1 37	10 5	11 35	18 56	18 35	0 55	8 41	7 28
F 15	21 16	23 44	4 46	21 22	2 5	15 24	1 39	18 2	0 44	6 35	1 9	2 4	2 18	12 59	0 30	19 49	1 37	10 5	11 35	18 53	18 34	0 58	8 42	7 29
S 16	21 5	20 25	5 1	21 31	1 56	14 58	1 39	18 12	0 43	6 30	1 8	2 5	2 19	13 0	0 30	19 49	1 37	10 5	11 34	18 50	18 33	1 1	8 43	7 29
S 17	20 53	16 13	5 2	21 40	1 46	14 33	1 38	18 21	0 43	6 25	1 8	2 5	2 19	13 0	0 30	19 49	1 37	10 5	11 34	18 47	18 33	1 4	8 44	7 29
M18	20 42	11 26	4 48	21 49	1 36	14 7	1 37	18 31	0 42	6 21	1 8	2 6	2 19	13 0	0 30	19 49	1 37	10 5	11 34	18 45	18 32	1 7	8 45	7 29
T 19	20 29	6 18	4 22	21 57	1 26	13 40	1 37	18 40	0 42	6 16	1 8	2 6	2 20	13 1	0 30	19 49	1 37	10 6	11 34	18 43	18 31	1 11	8 46	7 30
W20	20 17	1 0	3 44	22 5	1 16	13 13	1 36	18 49	0 41	6 11	1 8	2 7	2 20	13 1	0 30	19 49	1 37	10 6	11 33	18 42	18 30	1 14	8 47	7 30
T 21	20 4	4s19	2 58	22 12	1 7	12 46	1 35	18 59	0 41	6 6	1 8	2 8	2 20	13 2	0 30	19 48	1 37	10 6	11 33	18 41	18 29	1 17	8 48	7 30
F 22	19 51	9 29	2 3	22 18	0 57	12 19	1 33	19 7	0 40	6 1	1 8	2 8	2 20	13 2	0 30	19 48	1 37	10 6	11 33	18 41	18 29	1 20	8 49	7 30
S 23	19 37	14 22	1 3	22 24	0 48	11 51	1 32	19 16	0 40	5 56	1 8	2 9	2 21	13 2	0 30	19 48	1 37	10 6	11 33	18 41	18 28	1 23	8 50	7 30
S 24	19 23	18 45	0s 1	22 28	0 38	11 23	1 31	19 25	0 39	5 51	1 7	2 10	2 21	13 2	0 30	19 48	1 37	10 6	11 32	18 41	18 27	1 27	8 51	7 31
M25	19 9	22 26	1 6	22 32	0 29	10 55	1 30	19 34	0 38	5 46	1 7	2 11	2 21	13 3	0 30	19 48	1 37	10 6	11 32	18 41	18 26	1 30	8 53	7 31
T 26	18 54	25 9	2 10	22 35	0 20	10 26	1 28	19 42	0 38	5 41	1 7	2 12	2 21	13 3	0 30	19 48	1 36	10 7	11 32	18 40	18 25	1 33	8 54	7 31
W27	18 39	26 35	3 9	22 36	0 11	9 57	1 27	19 50	0 37	5 36	1 7	2 13	2 22	13 3	0 30	19 48	1 36	10 7	11 32	18 39	18 25	1 36	8 55	7 31
T 28	18 23	26 30	3 59	22 37	0 3	9 28	1 25	19 58	0 37	5 31	1 7	2 14	2 22	13 3	0 30	19 48	1 36	10 7	11 31	18 37	18 24	1 40	8 56	7 31
F 29	18 8	24 47	4 36	22 36	0s 6	8 58	1 24	20 6	0 36	5 26	1 7	2 15	2 22	13 4	0 30	19 48	1 36	10 7	11 31	18 34	18 23	1 43	8 58	7 31
S 30	17 52	21 27	4 57	22 35	0 14	8 29	1 22	20 14	0 35	5 21	1 7	2 16	2 22	13 4	0 30	19 48	1 36	10 7	11 31	18 31	18 22	1 46	8 59	7 31
S 31	17s35	16s46	4s59	22s32	0s22	7s59	1s20	20s22	0n35	5s16	1s 7	2n17	2n23	13s 4	0n30	19n48	1s36	10n 8	11s31	18n28	18n21	1s49	9n 0	7s31

Julian Day Number = 2412098.5, Delta T = -4.39 sec
Ecliptic obliquity = 23°27'17, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°13'55, Lahiri = 22°20'56

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ASTRODIENST EPHEMERIS for the year 1892
geocentric

FEBRUARY 1892 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 42 42	11♒38'08	12♓52	19♑55	14♓ 3	4♐28	19♓30	29°R42	6♏ 3	6°R19	6°R56	22°R32	22♉15	12♎26	15°R27	M 1
T 2	8 46 38	12°39'02	27°30	21°18	15°17	5° 6	19°43	29♍40	6° 3	6♊18	6♊56	22♉24	22°11	12°32	15♌22	T 2
W 3	8 50 35	13°39'54	12♈ 2	22°42	16°30	5°43	19°56	29°37	6° 4	6°18	6°55	22°18	22° 8	12°39	15°17	W 3
T 4	8 54 31	14°40'45	26°23	24° 7	17°44	6°21	20° 9	29°35	6° 4	6°17	6°55	22°15	22° 5	12°46	15°13	T 4
F 5	8 58 28	15°41'35	10♉30	25°33	18°57	6°58	20°23	29°32	6° 4	6°17	6°55	22°14	22° 2	12°52	15° 8	F 5
S 6	9 2 25	16°42'23	24°22	27° 0	20°10	7°35	20°36	29°29	6° 5	6°17	6°54	22°14	21°59	12°59	15° 3	S 6
S 7	9 6 21	17°43'09	8♊ 1	28°28	21°23	8°12	20°49	29°26	6° 5	6°16	6°54	22°14	21°56	13° 6	14°59	S 7
M 8	9 10 18	18°43'55	21°27	29°57	22°37	8°50	21° 3	29°24	6° 5	6°16	6°54	22°11	21°52	13°12	14°54	M 8
T 9	9 14 14	19°44'38	4♋42	1♒26	23°50	9°27	21°16	29°21	6° 5	6°16	6°54	22° 6	21°49	13°19	14°49	T 9
W10	9 18 11	20°45'20	17°46	2°57	25° 3	10° 4	21°30	29°17	6°R 5	6°16	6°53	21°58	21°46	13°26	14°45	W10
T 11	9 22 7	21°46'00	0♌39	4°28	26°16	10°41	21°43	29°14	6° 5	6°15	6°53	21°47	21°43	13°32	14°40	T 11
F 12	9 26 4	22°46'39	13°21	6° 0	27°29	11°18	21°57	29°11	6° 5	6°15	6°53	21°34	21°40	13°39	14°36	F 12
S 13	9 30 1	23°47'17	25°52	7°34	28°42	11°55	22°10	29° 8	6° 5	6°15	6°53	21°19	21°36	13°46	14°31	S 13
S 14	9 33 57	24°47'53	8♍12	9° 8	29°54	12°32	22°24	29° 4	6° 4	6°15	6°53	21° 5	21°33	13°52	14°27	S 14
M15	9 37 54	25°48'27	20°21	10°42	1♈ 7	13°10	22°38	29° 1	6° 4	6°15	6°53	20°52	21°30	13°59	14°22	M15
T 16	9 41 50	26°49'00	2♎20	12°18	2°20	13°47	22°52	28°57	6° 4	6°D15	6°53	20°42	21°27	14° 6	14°18	T 16
W17	9 45 47	27°49'32	14°12	13°55	3°32	14°24	23° 5	28°53	6° 3	6°15	6°52	20°34	21°24	14°12	14°13	W17
T 18	9 49 43	28°50'02	26° 0	15°32	4°45	15° 0	23°19	28°50	6° 3	6°15	6°52	20°29	21°21	14°19	14° 9	T 18
F 19	9 53 40	29°50'32	7♏49	17°11	5°57	15°37	23°33	28°46	6° 2	6°15	6°52	20°27	21°17	14°26	14° 4	F 19
S 20	9 57 36	0♓50'59	19°41	18°50	7° 9	16°14	23°47	28°42	6° 2	6°15	6°D52	20°D27	21°14	14°32	14° 0	S 20
S 21	10 1 33	1°51'26	1♐45	20°31	8°22	16°51	24° 1	28°38	6° 1	6°15	6°52	20°R27	21°11	14°39	13°56	S 21
M22	10 5 29	2°51'51	14° 3	22°12	9°34	17°28	24°15	28°34	6° 1	6°16	6°52	20°26	21° 8	14°46	13°51	M22
T 23	10 9 26	3°52'15	26°43	23°54	10°46	18° 5	24°29	28°30	6° 0	6°16	6°52	20°24	21° 5	14°52	13°47	T 23
W24	10 13 23	4°52'37	9♑48	25°37	11°58	18°42	24°44	28°26	5°59	6°16	6°53	20°20	21° 1	14°59	13°43	W24
T 25	10 17 19	5°52'58	23°22	27°22	13°10	19°18	24°58	28°22	5°58	6°16	6°53	20°13	20°58	15° 6	13°39	T 25
F 26	10 21 16	6°53'18	7♒24	29° 7	14°22	19°55	25°12	28°18	5°57	6°17	6°53	20° 3	20°55	15°12	13°35	F 26
S 27	10 25 12	7°53'36	21°53	0♓53	15°33	20°32	25°26	28°13	5°57	6°17	6°53	19°53	20°52	15°19	13°31	S 27
S 28	10 29 9	8°53'52	6♓42	2°40	16°45	21° 8	25°40	28° 9	5°56	6°18	6°53	19°41	20°49	15°26	13°27	S 28
M29	10 33 5	9♓54'06	21♓42	4♓29	17♈57	21♐45	25♓55	28♍ 5	5♏55	6♊18	6♊53	19♉31	20♉46	15♎32	13♌23	M29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s18	11s 5	4s42	22s28	0s30	7s29	1s18	20s30	0n34	5s11	1s 7	2n18	2n23	13s 4	0n30	19n48	1s36	10n 8	11s30	18n25	18n21	1s52	9n 1	7s31
T 2	17 1	4 46	4 7	22 23	0 37	6 59	1 16	20 37	0 33	5 6	1 7	2 19	2 23	13 4	0 30	19 48	1 36	10 8	11 30	18 23	18 20	1 56	9 3	7 31
W 3	16 44	1n46	3 15	22 16	0 45	6 28	1 14	20 44	0 33	5 0	1 7	2 21	2 23	13 4	0 30	19 48	1 36	10 8	11 30	18 21	18 19	1 59	9 4	7 31
T 4	16 26	8 8	2 12	22 9	0 52	5 58	1 12	20 51	0 32	4 55	1 6	2 22	2 24	13 4	0 30	19 48	1 36	10 8	11 30	18 21	18 18	2 2	9 6	7 31
F 5	16 9	14 0	1 2	22 0	0 58	5 27	1 10	20 58	0 31	4 50	1 6	2 23	2 24	13 5	0 30	19 48	1 36	10 9	11 29	18 20	18 17	2 5	9 7	7 31
S 6	15 50	19 3	0n11	21 50	1 5	4 56	1 8	21 5	0 31	4 45	1 6	2 24	2 24	13 5	0 30	19 48	1 36	10 9	11 29	18 20	18 16	2 9	9 8	7 31
S 7	15 32	23 1	1 22	21 38	1 11	4 25	1 6	21 12	0 30	4 39	1 6	2 26	2 24	13 5	0 30	19 48	1 36	10 9	11 29	18 20	18 16	2 12	9 10	7 31
M 8	15 13	25 38	2 28	21 26	1 17	3 54	1 3	21 18	0 29	4 34	1 6	2 27	2 25	13 5	0 30	19 48	1 36	10 9	11 29	18 20	18 15	2 15	9 11	7 31
T 9	14 54	26 46	3 24	21 12	1 23	3 23	1 1	21 25	0 28	4 29	1 6	2 29	2 25	13 5	0 30	19 48	1 36	10 9	11 28	18 18	18 14	2 18	9 13	7 30
W10	14 35	26 23	4 9	20 56	1 28	2 52	0 58	21 31	0 28	4 23	1 6	2 30	2 25	13 5	0 30	19 48	1 36	10 10	11 28	18 16	18 13	2 21	9 14	7 30
T 11	14 16	24 34	4 40	20 40	1 33	2 20	0 56	21 37	0 27	4 18	1 6	2 32	2 25	13 5	0 31	19 48	1 36	10 10	11 28	18 13	18 12	2 25	9 16	7 30
F 12	13 56	21 33	4 56	20 22	1 38	1 49	0 53	21 43	0 26	4 12	1 6	2 33	2 26	13 5	0 31	19 48	1 36	10 10	11 27	18 10	18 11	2 28	9 17	7 30
S 13	13 36	17 35	4 59	20 2	1 42	1 17	0 50	21 49	0 25	4 7	1 6	2 35	2 26	13 4	0 31	19 48	1 35	10 10	11 27	18 6	18 11	2 31	9 18	7 30
S 14	13 16	12 56	4 47	19 42	1 46	0 46	0 48	21 54	0 25	4 1	1 6	2 36	2 26	13 4	0 31	19 48	1 35	10 11	11 27	18 2	18 10	2 34	9 20	7 29
M15	12 56	7 50	4 22	19 19	1 50	0 14	0 45	22 0	0 24	3 56	1 6	2 38	2 26	13 4	0 31	19 48	1 35	10 11	11 27	17 59	18 9	2 38	9 21	7 29
T 16	12 35	2 31	3 45	18 56	1 53	0n17	0 42	22 5	0 23	3 50	1 6	2 39	2 26	13 4	0 31	19 48	1 35	10 11	11 26	17 56	18 8	2 41	9 23	7 29
W17	12 14	2s51	2 59	18 31	1 57	0 49	0 39	22 10	0 22	3 45	1 5	2 41	2 27	13 4	0 31	19 48	1 35	10 11	11 26	17 54	18 7	2 44	9 24	7 29
T 18	11 53	8 6	2 6	18 5	1 59	1 20	0 36	22 15	0 21	3 39	1 5	2 43	2 27	13 4	0 31	19 48	1 35	10 12	11 26	17 53	18 7	2 47	9 26	7 28
F 19	11 32	13 4	1 6	17 38	2 2	1 52	0 33	22 20	0 21	3 34	1 5	2 44	2 27	13 4	0 31	19 48	1 35	10 12	11 25	17 52	18 6	2 50	9 28	7 28
S 20	11 11	17 36	0 4	17 9	2 4	2 23	0 30	22 25	0 20	3 28	1 5	2 46	2 27	13 3	0 31	19 48	1 35	10 12	11 25	17 52	18 5	2 54	9 29	7 28
S 21	10 49	21 30	1s 0	16 38	2 5	2 55	0 27	22 30	0 19	3 23	1 5	2 48	2 27	13 3	0 31	19 48	1 35	10 13	11 25	17 52	18 4	2 57	9 31	7 27
M22	10 28	24 31	2 2	16 7	2 6	3 26	0 23	22 34	0 18	3 17	1 5	2 49	2 28	13 3	0 31	19 49	1 35	10 13	11 25	17 52	18 3	3 0	9 32	7 27
T 23	10 6	26 25	3 0	15 34	2 7	3 57	0 20	22 38	0 17	3 11	1 5	2 51	2 28	13 3	0 31	19 49	1 35	10 13	11 24	17 52	18 2	3 3	9 34	7 27
W24	9 44	26 55	3 50	14 59	2 8	4 29	0 17	22 42	0 16	3 6	1 5	2 53	2 28	13 3	0 31	19 49	1 35	10 13	11 24	17 50	18 2	3 7	9 35	7 26
T 25	9 22	25 52	4 30	14 24	2 8	5 0	0 13	22 46	0 15	3 0	1 5	2 55	2 28	13 2	0 31	19 49	1 35	10 14	11 24	17 49	18 1	3 10	9 37	7 26
F 26	8 59	23 10	4 55	13 47	2 7	5 31	0 10	22 50	0 14	2 54	1 5	2 57	2 28	13 2	0 31	19 49	1 35	10 14	11 24	17 46	18 0	3 13	9 38	7 25
S 27	8 37	18 58	5 2	13 8	2 6	6 2	0 7	22 54	0 13	2 49	1 5	2 58	2 28	13 2	0 31	19 49	1 35	10 14	11 23	17 43	17 59	3 16	9 40	7 25
S 28	8 14	13 32	4 49	12 28	2 5	6 32	0 3	22 57	0 12	2 43	1 5	3 0	2 28	13 1	0 31	19 49	1 35	10 15	11 23	17 40	17 58	3 19	9 41	7 25
M29	7s52	7s13	4s16	11s47	2s 3	7n 3	0n 0	23s 1	0n11	2s37	1s 5	3n 2	2n29	13s 1	0n31	19n49	1s35	10n15	11s23	17n37	17n57	3s23	9n43	7s24

Julian Day Number = 2412129.5, Delta T = -4.42 sec
Ecliptic obliquity = 23°27'18, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°14'00, Lahiri = 22°21'00

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ASTRODIENST EPHEMERIS for the year 1892
geocentric

MARCH 1892 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 37 2	10♓54'18	6♈45	6♓18	19♈ 8	22♐21	26♓ 9	28°R 0	5°R54	6♊18	6♊53	19°R23	20♉42	15♎39	13°R19	T 1
W 2	10 40 58	11°54'29	21°41	8° 8	20°19	22°58	26°23	27♍56	5♏52	6°19	6°54	19♉18	20°39	15°46	13♌15	W 2
T 3	10 44 55	12°54'37	6♉22	10° 0	21°31	23°34	26°38	27°52	5°51	6°20	6°54	19°15	20°36	15°52	13°11	T 3
F 4	10 48 52	13°54'43	20°44	11°52	22°42	24°10	26°52	27°47	5°50	6°20	6°54	19°D14	20°33	15°59	13° 8	F 4
S 5	10 52 48	14°54'48	4♊44	13°45	23°53	24°47	27° 6	27°42	5°49	6°21	6°55	19°15	20°30	16° 6	13° 4	S 5
S 6	10 56 45	15°54'50	18°24	15°40	25° 4	25°23	27°21	27°38	5°47	6°21	6°55	19°R15	20°27	16°12	13° 0	S 6
M 7	11 0 41	16°54'50	1♋44	17°35	26°15	25°59	27°35	27°33	5°46	6°22	6°55	19°14	20°23	16°19	12°57	M 7
T 8	11 4 38	17°54'48	14°47	19°31	27°25	26°35	27°50	27°29	5°45	6°23	6°56	19°11	20°20	16°26	12°54	T 8
W 9	11 8 34	18°54'43	27°35	21°28	28°36	27°11	28° 4	27°24	5°43	6°23	6°56	19° 5	20°17	16°32	12°50	W 9
T 10	11 12 31	19°54'36	10♌11	23°26	29°46	27°47	28°19	27°19	5°42	6°24	6°56	18°57	20°14	16°39	12°47	T 10
F 11	11 16 27	20°54'28	22°36	25°24	0♉57	28°23	28°33	27°15	5°40	6°25	6°57	18°47	20°11	16°46	12°44	F 11
S 12	11 20 24	21°54'17	4♍51	27°22	2° 7	28°59	28°48	27°10	5°39	6°26	6°57	18°36	20° 7	16°52	12°41	S 12
S 13	11 24 21	22°54'04	16°58	29°21	3°17	29°35	29° 2	27° 5	5°37	6°27	6°58	18°25	20° 4	16°59	12°38	S 13
M14	11 28 17	23°53'49	28°58	1♈20	4°27	0♊11	29°17	27° 1	5°35	6°28	6°58	18°15	20° 1	17° 6	12°35	M14
T 15	11 32 14	24°53'32	10♎51	3°19	5°37	0°47	29°31	26°56	5°34	6°29	6°59	18° 7	19°58	17°12	12°32	T 15
W16	11 36 10	25°53'13	22°41	5°17	6°46	1°22	29°46	26°51	5°32	6°30	6°59	18° 1	19°55	17°19	12°29	W16
T 17	11 40 7	26°52'52	4♏28	7°14	7°56	1°58	0♈ 0	26°46	5°30	6°31	7° 0	17°58	19°52	17°26	12°27	T 17
F 18	11 44 3	27°52'29	16°17	9°11	9° 5	2°34	0°15	26°42	5°28	6°32	7° 0	17°D57	19°48	17°32	12°24	F 18
S 19	11 48 0	28°52'05	28°11	11° 5	10°14	3° 9	0°29	26°37	5°27	6°33	7° 1	17°57	19°45	17°39	12°22	S 19
S 20	11 51 56	29°51'39	10♐14	12°58	11°23	3°45	0°44	26°32	5°25	6°34	7° 2	17°58	19°42	17°46	12°20	S 20
M21	11 55 53	0♈51'11	22°32	14°49	12°32	4°20	0°58	26°27	5°23	6°35	7° 2	17°59	19°39	17°52	12°17	M21
T 22	11 59 50	1°50'41	5♑ 8	16°37	13°41	4°55	1°13	26°23	5°21	6°36	7° 3	18°R 0	19°36	17°59	12°15	T 22
W23	12 3 46	2°50'10	18° 8	18°22	14°50	5°31	1°27	26°18	5°19	6°37	7° 3	17°58	19°33	18° 6	12°13	W23
T 24	12 7 43	3°49'37	1♒36	20° 3	15°58	6° 6	1°42	26°13	5°17	6°38	7° 4	17°55	19°29	18°12	12°11	T 24
F 25	12 11 39	4°49'02	15°33	21°40	17° 7	6°41	1°57	26° 9	5°15	6°40	7° 5	17°51	19°26	18°19	12° 9	F 25
S 26	12 15 36	5°48'25	29°58	23°13	18°15	7°16	2°11	26° 4	5°13	6°41	7° 6	17°45	19°23	18°26	12° 7	S 26
S 27	12 19 32	6°47'46	14♓47	24°41	19°23	7°51	2°26	25°59	5°11	6°42	7° 6	17°38	19°20	18°32	12° 6	S 27
M28	12 23 29	7°47'06	29°54	26° 3	20°31	8°26	2°40	25°55	5° 8	6°44	7° 7	17°32	19°17	18°39	12° 4	M28
T 29	12 27 25	8°46'23	15♈ 8	27°21	21°38	9° 0	2°55	25°50	5° 6	6°45	7° 8	17°28	19°13	18°46	12° 3	T 29
W30	12 31 22	9°45'38	0♉19	28°32	22°46	9°35	3° 9	25°46	5° 4	6°46	7° 9	17°25	19°10	18°52	12° 1	W30
T 31	12 35 19	10♈44'51	15♉18	29♈38	23♉53	10♑10	3♈24	25♍41	5♏ 2	6♊48	7♊ 9	17°D24	19♉ 7	18♎59	12♌ 0	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s29	0s28	3s25	11s 5	2s 1	7n34	0n 4	23s 4	0n10	2s32	1s 5	3n 4	2n29	13s 1	0n31	19n49	1s34	10n15	11s22	17n35	17n56	3s26	9n44	7s24
W 2	7 6	6n17	2 21	10 21	1 58	8 4	0 8	23 7	0 9	2 26	1 5	3 6	2 29	13 0	0 31	19 50	1 34	10 16	11 22	17 34	17 56	3 29	9 46	7 23
T 3	6 43	12 35	1 8	9 36	1 54	8 34	0 11	23 10	0 8	2 20	1 5	3 8	2 29	13 0	0 31	19 50	1 34	10 16	11 22	17 33	17 55	3 32	9 47	7 23
F 4	6 20	18 5	0n 8	8 49	1 51	9 4	0 15	23 12	0 7	2 14	1 5	3 10	2 29	12 59	0 31	19 50	1 34	10 16	11 22	17 33	17 54	3 36	9 49	7 22
S 5	5 57	22 26	1 22	8 2	1 46	9 34	0 19	23 15	0 6	2 9	1 5	3 12	2 29	12 59	0 31	19 50	1 34	10 16	11 21	17 33	17 53	3 39	9 50	7 22
S 6	5 34	25 25	2 29	7 13	1 41	10 3	0 22	23 17	0 5	2 3	1 5	3 14	2 29	12 58	0 31	19 50	1 34	10 17	11 21	17 33	17 52	3 42	9 52	7 21
M 7	5 10	26 53	3 26	6 23	1 36	10 33	0 26	23 19	0 4	1 57	1 5	3 15	2 29	12 58	0 31	19 50	1 34	10 17	11 21	17 33	17 51	3 45	9 53	7 21
T 8	4 47	26 48	4 12	5 32	1 30	11 2	0 30	23 22	0 3	1 51	1 5	3 17	2 30	12 58	0 31	19 51	1 34	10 17	11 20	17 32	17 51	3 48	9 55	7 20
W 9	4 23	25 17	4 43	4 39	1 23	11 31	0 34	23 24	0 2	1 46	1 5	3 19	2 30	12 57	0 31	19 51	1 34	10 18	11 20	17 30	17 50	3 52	9 56	7 19
T 10	4 0	22 31	5 1	3 46	1 16	11 59	0 38	23 25	0 1	1 40	1 5	3 21	2 30	12 57	0 31	19 51	1 34	10 18	11 20	17 28	17 49	3 55	9 58	7 19
F 11	3 36	18 46	5 4	2 52	1 8	12 27	0 41	23 27	0s 0	1 34	1 5	3 23	2 30	12 56	0 31	19 51	1 34	10 18	11 20	17 25	17 48	3 58	9 59	7 18
S 12	3 13	14 16	4 52	1 57	1 0	12 55	0 45	23 29	0 1	1 28	1 5	3 25	2 30	12 55	0 31	19 51	1 34	10 19	11 19	17 22	17 47	4 1	10 0	7 18
S 13	2 49	9 16	4 28	1 2	0 51	13 23	0 49	23 30	0 3	1 22	1 5	3 27	2 30	12 55	0 31	19 52	1 34	10 19	11 19	17 19	17 46	4 5	10 2	7 17
M14	2 26	3 57	3 52	0 6	0 41	13 51	0 53	23 31	0 4	1 17	1 5	3 29	2 30	12 54	0 31	19 52	1 34	10 19	11 19	17 16	17 45	4 8	10 3	7 16
T 15	2 2	1s27	3 6	0n50	0 31	14 18	0 57	23 32	0 5	1 11	1 5	3 31	2 30	12 54	0 31	19 52	1 34	10 20	11 19	17 14	17 45	4 11	10 5	7 16
W16	1 38	6 47	2 12	1 47	0 21	14 45	1 1	23 33	0 6	1 5	1 5	3 33	2 30	12 53	0 31	19 52	1 34	10 20	11 18	17 13	17 44	4 14	10 6	7 15
T 17	1 14	11 53	1 12	2 43	0 10	15 11	1 5	23 34	0 7	0 59	1 5	3 35	2 30	12 53	0 31	19 52	1 34	10 20	11 18	17 12	17 43	4 18	10 7	7 14
F 18	0 51	16 35	0 9	3 39	0n 1	15 37	1 9	23 35	0 9	0 54	1 5	3 37	2 30	12 52	0 31	19 53	1 33	10 21	11 18	17 11	17 42	4 21	10 9	7 14
S 19	0 27	20 40	0s55	4 35	0 13	16 3	1 13	23 35	0 10	0 48	1 5	3 39	2 30	12 51	0 31	19 53	1 33	10 21	11 18	17 11	17 41	4 24	10 10	7 13
S 20	0 3	23 56	1 58	5 30	0 25	16 28	1 17	23 35	0 11	0 42	1 5	3 41	2 30	12 51	0 31	19 53	1 33	10 22	11 17	17 12	17 40	4 27	10 11	7 12
M21	0n20	26 10	2 56	6 24	0 37	16 53	1 21	23 36	0 13	0 36	1 5	3 43	2 30	12 50	0 31	19 53	1 33	10 22	11 17	17 12	17 39	4 30	10 13	7 12
T 22	0 44	27 8	3 47	7 17	0 49	17 18	1 24	23 36	0 14	0 30	1 5	3 44	2 30	12 49	0 31	19 54	1 33	10 22	11 17	17 12	17 39	4 34	10 14	7 11
W23	1 8	26 40	4 29	8 9	1 1	17 42	1 28	23 36	0 15	0 25	1 5	3 46	2 30	12 49	0 31	19 54	1 33	10 23	11 16	17 12	17 38	4 37	10 15	7 10
T 24	1 31	24 39	4 57	8 59	1 14	18 6	1 32	23 36	0 17	0 19	1 5	3 48	2 30	12 48	0 31	19 54	1 33	10 23	11 16	17 11	17 37	4 40	10 16	7 9
F 25	1 55	21 6	5 9	9 47	1 26	18 29	1 36	23 35	0 18	0 13	1 5	3 50	2 30	12 47	0 31	19 54	1 33	10 23	11 16	17 10	17 36	4 43	10 18	7 9
S 26	2 18	16 12	5 3	10 32	1 38	18 52	1 40	23 35	0 19	0 7	1 5	3 52	2 30	12 47	0 31	19 55	1 33	10 24	11 16	17 8	17 35	4 47	10 19	7 8
S 27	2 42	10 14	4 36	11 16	1 49	19 15	1 44	23 34	0 21	0 2	1 5	3 54	2 30	12 46	0 31	19 55	1 33	10 24	11 15	17 6	17 34	4 50	10 20	7 7
M28	3 5	3 33	3 49	11 56	2 0	19 37	1 48	23 34	0 22	0n 4	1 5	3 56	2 30	12 45	0 31	19 55	1 33	10 24	11 15	17 5	17 33	4 53	10 21	7 6
T 29	3 29	3n24	2 46	12 34	2 11	19 59	1 51	23 33	0 24	0 10	1 5	3 57	2 30	12 45	0 31	19 55	1 33	10 25	11 15	17 3	17 33	4 56	10 22	7 6
W30	3 52	10 10	1 32	13 9	2 21	20 20	1 55	23 32	0 25	0 16	1 5	3 59	2 30	12 44	0 31	19 56	1 33	10 25	11 15	17 2	17 32	4 59	10 23	7 5
T 31	4n15	16n15	0s11	13n42	2n30	20n40	1n59	23s31	0s27	0n21	1s 5	4n 1	2n30	12s43	0n31	19n56	1s33	10n25	11s15	17n 2	17n31	5s 3	10n24	7s 4

Julian Day Number = 2412158.5, Delta T = -4.44 sec
Ecliptic obliquity = 23°27'18, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°14'04, Lahiri = 22°21'04

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ASTRODIENST EPHEMERIS for the year 1892
geocentric

APRIL 1892 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 39 15	11♈44'02	29♉57	0♉37	25♉ 0	10♊44	3♈38	25°R37	5°R 0	6♊49	7♊10	17♉24	19♉ 4	19♎ 6	11°R59	F 1
S 2	12 43 12	12°43'11	14♊13	1°30	26° 7	11°19	3°53	25♍32	4♏57	6°51	7°11	17°25	19° 1	19°12	11♌58	S 2
S 3	12 47 8	13°42'18	28° 3	2°16	27°14	11°53	4° 7	25°28	4°55	6°52	7°12	17°27	18°58	19°19	11°57	S 3
M 4	12 51 5	14°41'22	11♋28	2°55	28°20	12°27	4°21	25°24	4°53	6°54	7°13	17°R28	18°54	19°26	11°56	M 4
T 5	12 55 1	15°40'23	24°30	3°28	29°26	13° 1	4°36	25°19	4°50	6°55	7°14	17°27	18°51	19°32	11°55	T 5
W 6	12 58 58	16°39'23	7♌14	3°53	0♊32	13°35	4°50	25°15	4°48	6°57	7°15	17°26	18°48	19°39	11°55	W 6
T 7	13 2 54	17°38'20	19°41	4°12	1°38	14° 9	5° 5	25°11	4°46	6°58	7°16	17°22	18°45	19°46	11°54	T 7
F 8	13 6 51	18°37'15	1♍55	4°24	2°44	14°43	5°19	25° 7	4°43	7° 0	7°17	17°18	18°42	19°52	11°54	F 8
S 9	13 10 48	19°36'07	13°59	4°R30	3°49	15°16	5°33	25° 3	4°41	7° 1	7°18	17°14	18°38	19°59	11°54	S 9
S 10	13 14 44	20°34'57	25°57	4°29	4°54	15°50	5°48	24°58	4°38	7° 3	7°19	17° 9	18°35	20° 6	11°53	S 10
M11	13 18 41	21°33'45	7♎49	4°21	5°59	16°23	6° 2	24°54	4°36	7° 5	7°20	17° 5	18°32	20°12	11°D53	M11
T 12	13 22 37	22°32'32	19°38	4° 8	7° 4	16°57	6°16	24°51	4°33	7° 6	7°21	17° 1	18°29	20°19	11°53	T 12
W13	13 26 34	23°31'16	1♏27	3°49	8° 8	17°30	6°30	24°47	4°31	7° 8	7°22	16°59	18°26	20°26	11°53	W13
T 14	13 30 30	24°29'58	13°17	3°25	9°12	18° 3	6°44	24°43	4°28	7°10	7°23	16°D58	18°23	20°32	11°54	T 14
F 15	13 34 27	25°28'38	25°10	2°57	10°16	18°36	6°59	24°39	4°26	7°12	7°24	16°58	18°19	20°39	11°54	F 15
S 16	13 38 23	26°27'17	7♐10	2°24	11°19	19° 9	7°13	24°35	4°23	7°13	7°25	16°59	18°16	20°46	11°54	S 16
S 17	13 42 20	27°25'54	19°19	1°48	12°22	19°42	7°27	24°32	4°21	7°15	7°26	17° 1	18°13	20°52	11°55	S 17
M18	13 46 17	28°24'29	1♑41	1°10	13°25	20°14	7°41	24°28	4°18	7°17	7°27	17° 2	18°10	20°59	11°56	M18
T 19	13 50 13	29°23'02	14°19	0°29	14°28	20°47	7°55	24°25	4°16	7°19	7°28	17° 3	18° 7	21° 6	11°57	T 19
W20	13 54 10	0♉21'34	27°18	29♈48	15°30	21°19	8° 9	24°22	4°13	7°21	7°29	17°R 4	18° 4	21°12	11°57	W20
T 21	13 58 6	1°20'04	10♒40	29° 6	16°32	21°51	8°23	24°18	4°11	7°23	7°30	17° 4	18° 0	21°19	11°58	T 21
F 22	14 2 3	2°18'33	24°27	28°25	17°34	22°23	8°37	24°15	4° 8	7°25	7°31	17° 3	17°57	21°26	11°59	F 22
S 23	14 5 59	3°17'00	8♓39	27°45	18°35	22°55	8°51	24°12	4° 6	7°26	7°33	17° 2	17°54	21°32	12° 1	S 23
S 24	14 9 56	4°15'25	23°16	27° 6	19°36	23°27	9° 5	24° 9	4° 3	7°28	7°34	17° 0	17°51	21°39	12° 2	S 24
M25	14 13 52	5°13'49	8♈12	26°31	20°37	23°58	9°18	24° 6	4° 0	7°30	7°35	16°59	17°48	21°46	12° 3	M25
T 26	14 17 49	6°12'10	23°19	25°58	21°37	24°30	9°32	24° 3	3°58	7°32	7°36	16°57	17°44	21°52	12° 5	T 26
W27	14 21 45	7°10'31	8♉29	25°29	22°37	25° 1	9°46	24° 0	3°55	7°34	7°37	16°57	17°41	21°59	12° 7	W27
T 28	14 25 42	8° 8'49	23°33	25° 3	23°36	25°32	10° 0	23°57	3°53	7°36	7°38	16°D57	17°38	22° 6	12° 8	T 28
F 29	14 29 39	9° 7'06	8♊21	24°42	24°35	26° 2	10°13	23°55	3°50	7°38	7°40	16°57	17°35	22°12	12°10	F 29
S 30	14 33 35	10♉ 5'21	22♊48	24♈25	25♊34	26♊33	10♈27	23♍52	3♏48	7♊40	7♊41	16♉58	17♉32	22♎19	12♌12	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n39	21n16	1n 8	14n10	2n39	21n 1	2n 3	23s30	0s28	0n27	1s 5	4n 3	2n30	12s42	0n31	19n56	1s33	10n26	11s14	17n 2	17n30	5s 6	10n25	7s 3
S 2	5 2	24 51	2 21	14 36	2 47	21 20	2 6	23 28	0 30	0 33	1 5	4 4	2 30	12 42	0 31	19 57	1 33	10 26	11 14	17 3	17 29	5 9	10 26	7 3
S 3	5 25	26 50	3 24	14 59	2 53	21 39	2 10	23 27	0 31	0 39	1 5	4 6	2 30	12 41	0 31	19 57	1 33	10 27	11 14	17 3	17 28	5 12	10 27	7 2
M 4	5 48	27 10	4 13	15 17	2 59	21 58	2 13	23 25	0 33	0 44	1 5	4 8	2 30	12 40	0 31	19 57	1 33	10 27	11 14	17 3	17 27	5 16	10 28	7 1
T 5	6 10	25 57	4 48	15 33	3 3	22 16	2 17	23 24	0 35	0 50	1 5	4 9	2 30	12 39	0 31	19 58	1 33	10 27	11 13	17 3	17 26	5 19	10 29	7 0
W 6	6 33	23 26	5 8	15 45	3 7	22 34	2 20	23 22	0 36	0 56	1 5	4 11	2 30	12 38	0 31	19 58	1 32	10 28	11 13	17 3	17 26	5 22	10 30	6 59
T 7	6 56	19 52	5 13	15 53	3 9	22 51	2 24	23 20	0 38	1 1	1 5	4 13	2 30	12 38	0 31	19 58	1 32	10 28	11 13	17 2	17 25	5 25	10 31	6 59
F 8	7 18	15 30	5 3	15 58	3 10	23 7	2 27	23 18	0 40	1 7	1 5	4 14	2 30	12 37	0 31	19 58	1 32	10 28	11 13	17 1	17 24	5 28	10 32	6 58
S 9	7 40	10 36	4 40	15 59	3 9	23 23	2 30	23 16	0 41	1 12	1 5	4 16	2 30	12 36	0 31	19 59	1 32	10 29	11 13	16 59	17 23	5 32	10 33	6 57
S 10	8 3	5 21	4 4	15 57	3 7	23 39	2 34	23 14	0 43	1 18	1 5	4 17	2 30	12 35	0 31	19 59	1 32	10 29	11 12	16 58	17 22	5 35	10 34	6 56
M11	8 25	0s 3	3 19	15 51	3 3	23 54	2 37	23 12	0 45	1 24	1 5	4 19	2 30	12 34	0 31	19 59	1 32	10 29	11 12	16 57	17 21	5 38	10 35	6 55
T 12	8 47	5 27	2 25	15 42	2 58	24 8	2 40	23 9	0 47	1 29	1 5	4 20	2 30	12 33	0 31	20 0	1 32	10 30	11 12	16 56	17 20	5 41	10 35	6 55
W13	9 8	10 40	1 24	15 29	2 51	24 22	2 43	23 7	0 49	1 35	1 6	4 22	2 30	12 33	0 31	20 0	1 32	10 30	11 12	16 55	17 19	5 45	10 36	6 54
T 14	9 30	15 31	0 20	15 13	2 43	24 35	2 46	23 4	0 50	1 40	1 6	4 23	2 29	12 32	0 31	20 0	1 32	10 30	11 11	16 55	17 19	5 48	10 37	6 53
F 15	9 52	19 48	0s45	14 55	2 34	24 47	2 49	23 2	0 52	1 46	1 6	4 25	2 29	12 31	0 31	20 1	1 32	10 31	11 11	16 55	17 18	5 51	10 38	6 52
S 16	10 13	23 19	1 49	14 33	2 23	24 59	2 52	22 59	0 54	1 51	1 6	4 26	2 29	12 30	0 31	20 1	1 32	10 31	11 11	16 55	17 17	5 54	10 38	6 51
S 17	10 34	25 50	2 49	14 9	2 11	25 11	2 55	22 56	0 56	1 57	1 6	4 27	2 29	12 29	0 31	20 1	1 32	10 32	11 11	16 56	17 16	5 57	10 39	6 51
M18	10 55	27 9	3 43	13 43	1 58	25 22	2 57	22 53	0 58	2 2	1 6	4 29	2 29	12 28	0 31	20 2	1 32	10 32	11 11	16 56	17 15	6 1	10 40	6 50
T 19	11 16	27 6	4 26	13 16	1 43	25 32	3 0	22 50	1 0	2 8	1 6	4 30	2 29	12 28	0 31	20 2	1 32	10 32	11 11	16 56	17 14	6 4	10 40	6 49
W20	11 36	25 35	4 58	12 47	1 28	25 41	3 2	22 47	1 2	2 13	1 6	4 31	2 29	12 27	0 31	20 2	1 32	10 33	11 10	16 57	17 13	6 7	10 41	6 48
T 21	11 57	22 37	5 15	12 17	1 12	25 50	3 5	22 44	1 4	2 19	1 6	4 32	2 29	12 26	0 31	20 3	1 32	10 33	11 10	16 57	17 12	6 10	10 41	6 47
F 22	12 17	18 19	5 14	11 47	0 56	25 59	3 7	22 41	1 6	2 24	1 6	4 33	2 29	12 25	0 31	20 3	1 32	10 33	11 10	16 56	17 12	6 14	10 42	6 46
S 23	12 37	12 52	4 54	11 17	0 39	26 7	3 9	22 38	1 8	2 30	1 6	4 35	2 28	12 24	0 31	20 3	1 32	10 34	11 10	16 56	17 11	6 17	10 42	6 46
S 24	12 57	6 35	4 16	10 47	0 22	26 14	3 12	22 34	1 10	2 35	1 6	4 36	2 28	12 23	0 31	20 4	1 32	10 34	11 10	16 55	17 10	6 20	10 43	6 45
M25	13 16	0n12	3 19	10 18	0 5	26 20	3 14	22 31	1 12	2 40	1 6	4 37	2 28	12 22	0 31	20 4	1 32	10 34	11 9	16 55	17 9	6 23	10 43	6 44
T 26	13 36	7 6	2 7	9 51	0s12	26 26	3 15	22 28	1 15	2 46	1 6	4 38	2 28	12 22	0 31	20 4	1 32	10 35	11 9	16 55	17 8	6 26	10 43	6 43
W27	13 55	13 36	0 47	9 24	0 29	26 32	3 17	22 24	1 17	2 51	1 7	4 39	2 28	12 21	0 31	20 5	1 32	10 35	11 9	16 55	17 7	6 30	10 44	6 42
T 28	14 14	19 16	0n37	9 0	0 45	26 37	3 19	22 21	1 19	2 56	1 7	4 40	2 28	12 20	0 31	20 5	1 32	10 35	11 9	16 55	17 6	6 33	10 44	6 41
F 29	14 33	23 37	1 56	8 38	1 1	26 41	3 20	22 17	1 21	3 2	1 7	4 41	2 28	12 19	0 31	20 5	1 32	10 36	11 9	16 55	17 5	6 36	10 44	6 41
S 30	14n51	26n21	3n 6	8n18	1s16	26n45	3n22	22s14	1s24	3n 7	1s 7	4n41	2n27	12s18	0n31	20n 6	1s32	10n36	11s 9	16n55	17n 4	6s39	10n45	6s40

Julian Day Number = 2412189.5, Delta T = -4.47 sec
Ecliptic obliquity = 23°27'18, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°14'08, Lahiri = 22°21'08

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ASTRODIENST EPHEMERIS for the year 1892
geocentric

MAY 1892 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 37 32	11♉ 3'33	6♋49	24°R13	26♊32	27♋ 3	10♈40	23°R50	3°R45	7♊42	7♊42	16♉58	17♉29	22♎26	12♌14	S 1
M 2	14 41 28	12° 1'44	20°24	24♈ 5	27°30	27°34	10°54	23♍47	3♏43	7°44	7°43	16°59	17°25	22°32	12°16	M 2
T 3	14 45 25	12°59'53	3♌32	24°D 3	28°27	28° 4	11° 7	23°45	3°40	7°47	7°45	16°59	17°22	22°39	12°19	T 3
W 4	14 49 21	13°58'00	16°18	24° 5	29°24	28°33	11°20	23°43	3°38	7°49	7°46	16°R59	17°19	22°46	12°21	W 4
T 5	14 53 18	14°56'04	28°44	24°12	0♋20	29° 3	11°34	23°41	3°35	7°51	7°47	16°59	17°16	22°52	12°23	T 5
F 6	14 57 15	15°54'07	10♍55	24°23	1°16	29°32	11°47	23°39	3°33	7°53	7°48	16°59	17°13	22°59	12°26	F 6
S 7	15 1 11	16°52'08	22°55	24°39	2°11	0♒ 2	12° 0	23°37	3°30	7°55	7°50	16°D59	17°10	23° 6	12°29	S 7
S 8	15 5 8	17°50'07	4♎47	25° 0	3° 5	0°31	12°13	23°35	3°28	7°57	7°51	16°59	17° 6	23°12	12°31	S 8
M 9	15 9 4	18°48'04	16°36	25°24	3°59	0°59	12°26	23°33	3°25	7°59	7°52	16°59	17° 3	23°19	12°34	M 9
T 10	15 13 1	19°46'00	28°24	25°53	4°53	1°28	12°39	23°32	3°23	8° 1	7°54	16°59	17° 0	23°26	12°37	T 10
W11	15 16 57	20°43'54	10♏14	26°27	5°46	1°56	12°52	23°30	3°20	8° 3	7°55	17° 0	16°57	23°32	12°40	W11
T 12	15 20 54	21°41'46	22°10	27° 4	6°38	2°24	13° 5	23°29	3°18	8° 6	7°56	17°R 0	16°54	23°39	12°44	T 12
F 13	15 24 50	22°39'37	4♐12	27°45	7°29	2°52	13°18	23°27	3°16	8° 8	7°58	16°59	16°50	23°46	12°47	F 13
S 14	15 28 47	23°37'27	16°23	28°29	8°20	3°19	13°31	23°26	3°13	8°10	7°59	16°59	16°47	23°52	12°50	S 14
S 15	15 32 44	24°35'15	28°45	29°18	9°10	3°46	13°44	23°25	3°11	8°12	8° 0	16°58	16°44	23°59	12°54	S 15
M16	15 36 40	25°33'02	11♋19	0♉ 9	10° 0	4°13	13°56	23°24	3° 9	8°14	8° 2	16°57	16°41	24° 6	12°57	M16
T 17	15 40 37	26°30'48	24° 8	1° 4	10°48	4°40	14° 9	23°23	3° 6	8°17	8° 3	16°56	16°38	24°12	13° 1	T 17
W18	15 44 33	27°28'32	7♒12	2° 3	11°36	5° 6	14°21	23°22	3° 4	8°19	8° 4	16°55	16°35	24°19	13° 4	W18
T 19	15 48 30	28°26'15	20°35	3° 4	12°23	5°32	14°34	23°21	3° 2	8°21	8° 6	16°54	16°31	24°25	13° 8	T 19
F 20	15 52 26	29°23'58	4♓17	4° 9	13° 9	5°58	14°46	23°21	3° 0	8°23	8° 7	16°D54	16°28	24°32	13°12	F 20
S 21	15 56 23	0♊21'39	18°18	5°16	13°55	6°23	14°58	23°20	2°58	8°25	8° 8	16°55	16°25	24°39	13°16	S 21
S 22	16 0 19	1°19'19	2♈38	6°26	14°39	6°48	15°10	23°20	2°55	8°28	8°10	16°55	16°22	24°45	13°20	S 22
M23	16 4 16	2°16'58	17°14	7°39	15°22	7°13	15°22	23°20	2°53	8°30	8°11	16°57	16°19	24°52	13°24	M23
T 24	16 8 13	3°14'37	2♉ 3	8°55	16° 5	7°38	15°34	23°19	2°51	8°32	8°12	16°57	16°16	24°59	13°29	T 24
W25	16 12 9	4°12'14	16°56	10°14	16°46	8° 2	15°46	23°19	2°49	8°34	8°14	16°R58	16°12	25° 5	13°33	W25
T 26	16 16 6	5° 9'50	1♊49	11°35	17°27	8°25	15°58	23°D19	2°47	8°37	8°15	16°57	16° 9	25°12	13°37	T 26
F 27	16 20 2	6° 7'25	16°31	12°59	18° 6	8°49	16°10	23°19	2°45	8°39	8°17	16°56	16° 6	25°19	13°42	F 27
S 28	16 23 59	7° 4'59	0♋58	14°25	18°44	9°11	16°22	23°20	2°43	8°41	8°18	16°54	16° 3	25°25	13°47	S 28
S 29	16 27 55	8° 2'32	15° 2	15°54	19°21	9°34	16°33	23°20	2°41	8°43	8°19	16°51	16° 0	25°32	13°51	S 29
M30	16 31 52	9° 0'03	28°42	17°26	19°57	9°56	16°45	23°20	2°39	8°46	8°21	16°48	15°56	25°39	13°56	M30
T 31	16 35 48	9♊57'34	11♌56	19♉ 0	20♋31	10♒18	16♈56	23♍21	2♏37	8♊48	8♊22	16♉45	15♉53	25♎45	14♌ 1	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 9	27n19	4n 3	8n 0	1s30	26n48	3n23	22s10	1s26	3n12	1s 7	4n42	2n27	12s17	0n31	20n 6	1s32	10n36	11s 9	16n55	17n 4	6s42	10n45	6s39
M 2	15 27	26 35	4 44	7 44	1 44	26 50	3 24	22 6	1 28	3 17	1 7	4 43	2 27	12 17	0 31	20 7	1 32	10 37	11 8	16 55	17 3	6 46	10 45	6 38
T 3	15 45	24 23	5 9	7 31	1 57	26 52	3 25	22 3	1 31	3 22	1 7	4 44	2 27	12 16	0 31	20 7	1 32	10 37	11 8	16 55	17 2	6 49	10 45	6 37
W 4	16 2	21 0	5 18	7 21	2 9	26 53	3 26	21 59	1 33	3 27	1 7	4 45	2 27	12 15	0 31	20 7	1 31	10 37	11 8	16 55	17 1	6 52	10 45	6 37
T 5	16 20	16 46	5 11	7 13	2 20	26 54	3 27	21 55	1 36	3 33	1 7	4 45	2 27	12 14	0 31	20 8	1 31	10 38	11 8	16 55	17 0	6 55	10 45	6 36
F 6	16 37	11 57	4 50	7 8	2 30	26 54	3 28	21 52	1 38	3 38	1 7	4 46	2 26	12 13	0 31	20 8	1 31	10 38	11 8	16 55	16 59	6 58	10 45	6 35
S 7	16 53	6 45	4 17	7 6	2 39	26 54	3 28	21 48	1 41	3 43	1 8	4 46	2 26	12 12	0 31	20 8	1 31	10 38	11 8	16 55	16 58	7 2	10 46	6 34
S 8	17 10	1 22	3 34	7 5	2 47	26 53	3 28	21 44	1 43	3 48	1 8	4 47	2 26	12 12	0 31	20 9	1 31	10 39	11 8	16 55	16 57	7 5	10 46	6 33
M 9	17 26	4s 3	2 41	7 8	2 54	26 52	3 28	21 40	1 46	3 53	1 8	4 48	2 26	12 11	0 31	20 9	1 31	10 39	11 8	16 55	16 56	7 8	10 45	6 33
T 10	17 41	9 20	1 41	7 12	3 1	26 50	3 28	21 37	1 49	3 58	1 8	4 48	2 26	12 10	0 31	20 9	1 31	10 39	11 7	16 55	16 55	7 11	10 45	6 32
W11	17 57	14 18	0 37	7 19	3 6	26 48	3 28	21 33	1 51	4 3	1 8	4 48	2 25	12 9	0 31	20 10	1 31	10 39	11 7	16 55	16 55	7 14	10 45	6 31
T 12	18 12	18 47	0s29	7 28	3 11	26 45	3 28	21 29	1 54	4 7	1 8	4 49	2 25	12 8	0 31	20 10	1 31	10 40	11 7	16 55	16 54	7 18	10 45	6 30
F 13	18 27	22 32	1 34	7 39	3 15	26 41	3 27	21 26	1 57	4 12	1 8	4 49	2 25	12 8	0 31	20 11	1 31	10 40	11 7	16 55	16 53	7 21	10 45	6 29
S 14	18 41	25 21	2 36	7 52	3 18	26 38	3 26	21 22	2 0	4 17	1 8	4 50	2 25	12 7	0 31	20 11	1 31	10 40	11 7	16 55	16 52	7 24	10 45	6 29
S 15	18 56	26 58	3 32	8 6	3 20	26 33	3 26	21 18	2 2	4 22	1 8	4 50	2 25	12 6	0 31	20 11	1 31	10 41	11 7	16 55	16 51	7 27	10 45	6 28
M16	19 10	27 15	4 18	8 23	3 22	26 28	3 24	21 15	2 5	4 27	1 9	4 50	2 24	12 5	0 31	20 12	1 31	10 41	11 7	16 55	16 50	7 30	10 44	6 27
T 17	19 23	26 6	4 52	8 42	3 22	26 23	3 23	21 11	2 8	4 32	1 9	4 50	2 24	12 4	0 31	20 12	1 31	10 41	11 7	16 54	16 49	7 34	10 44	6 26
W18	19 37	23 31	5 12	9 2	3 22	26 18	3 21	21 7	2 11	4 36	1 9	4 50	2 24	12 4	0 31	20 12	1 31	10 41	11 7	16 54	16 48	7 37	10 44	6 26
T 19	19 49	19 38	5 16	9 23	3 21	26 12	3 20	21 4	2 14	4 41	1 9	4 50	2 24	12 3	0 31	20 13	1 31	10 42	11 7	16 54	16 47	7 40	10 44	6 25
F 20	20 2	14 38	5 2	9 46	3 20	26 5	3 18	21 0	2 17	4 46	1 9	4 51	2 24	12 2	0 31	20 13	1 31	10 42	11 7	16 54	16 46	7 43	10 43	6 24
S 21	20 14	8 47	4 31	10 11	3 18	25 58	3 16	20 57	2 20	4 50	1 9	4 51	2 24	12 1	0 31	20 13	1 31	10 42	11 6	16 54	16 45	7 46	10 43	6 23
S 22	20 26	2 20	3 41	10 36	3 15	25 51	3 13	20 54	2 23	4 55	1 9	4 51	2 23	12 1	0 31	20 14	1 31	10 43	11 6	16 54	16 45	7 50	10 42	6 23
M23	20 38	4n21	2 37	11 3	3 11	25 43	3 11	20 50	2 26	4 59	1 10	4 50	2 23	12 0	0 31	20 14	1 31	10 43	11 6	16 54	16 44	7 53	10 42	6 22
T 24	20 49	10 55	1 22	11 31	3 7	25 35	3 8	20 47	2 30	5 4	1 10	4 50	2 23	11 59	0 31	20 15	1 31	10 43	11 6	16 55	16 43	7 56	10 41	6 21
W25	21 0	16 54	0 0	12 0	3 2	25 27	3 4	20 44	2 33	5 8	1 10	4 50	2 23	11 59	0 31	20 15	1 31	10 43	11 6	16 55	16 42	7 59	10 41	6 21
T 26	21 10	21 52	1n21	12 30	2 57	25 19	3 1	20 41	2 36	5 13	1 10	4 50	2 22	11 58	0 31	20 15	1 31	10 44	11 6	16 55	16 41	8 2	10 40	6 20
F 27	21 21	25 22	2 36	13 1	2 51	25 10	2 57	20 38	2 39	5 17	1 10	4 50	2 22	11 57	0 31	20 16	1 31	10 44	11 6	16 54	16 40	8 6	10 40	6 19
S 28	21 30	27 7	3 40	13 33	2 45	25 0	2 53	20 35	2 43	5 21	1 10	4 50	2 22	11 57	0 31	20 16	1 31	10 44	11 6	16 54	16 39	8 9	10 39	6 18
S 29	21 40	27 3	4 28	14 5	2 38	24 51	2 49	20 32	2 46	5 26	1 10	4 49	2 22	11 56	0 31	20 16	1 31	10 44	11 6	16 53	16 38	8 12	10 39	6 18
M30	21 49	25 19	4 59	14 38	2 30	24 41	2 45	20 30	2 50	5 30	1 11	4 49	2 22	11 55	0 31	20 17	1 31	10 45	11 6	16 52	16 37	8 15	10 38	6 17
T 31	21n57	22n14	5n14	15n12	2s22	24n31	2n40	20s27	2s53	5n34	1s11	4n48	2n21	11s55	0n31	20n17	1s31	10n45	11s 6	16n51	16n36	8s18	10n37	6s16

Julian Day Number = 2412219.5, Delta T = -4.50 sec
Ecliptic obliquity = 23°27'18, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°14'12, Lahiri = 22°21'12

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ASTRODIENST EPHEMERIS for the year 1892
geocentric

JUNE 1892 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 39 45	10♊55'02	24♌46	20♉36	21♋ 4	10♒39	17♈ 7	23♍21	2°R36	8♊50	8♊23	16°R43	15♉50	25♎52	14♌ 6	W 1
T 2	16 43 42	11°52'30	7♍14	22°16	21°36	11° 0	17°19	23°22	2♏34	8°52	8°25	16°D42	15°47	25°59	14°11	T 2
F 3	16 47 38	12°49'56	19°25	23°57	22° 6	11°20	17°30	23°23	2°32	8°55	8°26	16♉42	15°44	26° 5	14°16	F 3
S 4	16 51 35	13°47'21	1♎24	25°41	22°35	11°40	17°41	23°24	2°30	8°57	8°27	16°43	15°41	26°12	14°21	S 4
S 5	16 55 31	14°44'45	13°15	27°28	23° 2	12° 0	17°52	23°25	2°29	8°59	8°29	16°45	15°37	26°19	14°26	S 5
M 6	16 59 28	15°42'08	25° 4	29°17	23°28	12°19	18° 3	23°26	2°27	9° 1	8°30	16°47	15°34	26°25	14°32	M 6
T 7	17 3 24	16°39'29	6♏53	1♊ 9	23°52	12°37	18°13	23°27	2°25	9° 4	8°32	16°48	15°31	26°32	14°37	T 7
W 8	17 7 21	17°36'50	18°48	3° 2	24°14	12°55	18°24	23°29	2°24	9° 6	8°33	16°R49	15°28	26°39	14°42	W 8
T 9	17 11 17	18°34'10	0♐51	4°59	24°35	13°13	18°34	23°30	2°22	9° 8	8°34	16°48	15°25	26°45	14°48	T 9
F 10	17 15 14	19°31'29	13° 4	6°57	24°53	13°30	18°45	23°32	2°21	9°10	8°36	16°45	15°22	26°52	14°54	F 10
S 11	17 19 11	20°28'48	25°31	8°58	25°10	13°46	18°55	23°33	2°19	9°12	8°37	16°41	15°18	26°59	14°59	S 11
S 12	17 23 7	21°26'06	8♑10	11° 0	25°24	14° 2	19° 5	23°35	2°18	9°15	8°38	16°36	15°15	27° 5	15° 5	S 12
M13	17 27 4	22°23'23	21° 4	13° 5	25°37	14°18	19°16	23°37	2°17	9°17	8°40	16°30	15°12	27°12	15°11	M13
T 14	17 31 0	23°20'39	4♒11	15°11	25°48	14°33	19°25	23°39	2°15	9°19	8°41	16°24	15° 9	27°18	15°17	T 14
W15	17 34 57	24°17'56	17°31	17°19	25°56	14°47	19°35	23°41	2°14	9°21	8°42	16°19	15° 6	27°25	15°23	W15
T 16	17 38 53	25°15'11	1♓ 4	19°28	26° 2	15° 1	19°45	23°43	2°13	9°23	8°44	16°16	15° 2	27°32	15°29	T 16
F 17	17 42 50	26°12'27	14°50	21°38	26° 6	15°14	19°55	23°45	2°12	9°26	8°45	16°13	14°59	27°38	15°35	F 17
S 18	17 46 46	27° 9'42	28°47	23°49	26°R 8	15°27	20° 4	23°47	2°11	9°28	8°46	16°D13	14°56	27°45	15°41	S 18
S 19	17 50 43	28° 6'57	12♈56	26° 0	26° 8	15°38	20°14	23°50	2°10	9°30	8°48	16°13	14°53	27°52	15°47	S 19
M20	17 54 40	29° 4'12	27°14	28°12	26° 5	15°50	20°23	23°52	2° 9	9°32	8°49	16°15	14°50	27°58	15°53	M20
T 21	17 58 36	0♋ 1'27	11♉40	0♋23	25°59	16° 0	20°32	23°55	2° 8	9°34	8°50	16°R16	14°47	28° 5	16° 0	T 21
W22	18 2 33	0°58'42	26°10	2°34	25°52	16°10	20°41	23°57	2° 7	9°36	8°52	16°15	14°43	28°12	16° 6	W22
T 23	18 6 29	1°55'57	10♊40	4°45	25°42	16°19	20°50	24° 0	2° 6	9°38	8°53	16°13	14°40	28°18	16°12	T 23
F 24	18 10 26	2°53'11	25° 4	6°55	25°29	16°28	20°59	24° 3	2° 5	9°41	8°54	16° 9	14°37	28°25	16°19	F 24
S 25	18 14 22	3°50'26	9♋16	9° 4	25°15	16°36	21° 7	24° 6	2° 4	9°43	8°55	16° 3	14°34	28°32	16°25	S 25
S 26	18 18 19	4°47'40	23°12	11°11	24°58	16°43	21°16	24° 9	2° 3	9°45	8°57	15°55	14°31	28°38	16°32	S 26
M27	18 22 16	5°44'53	6♌47	13°18	24°38	16°49	21°24	24°12	2° 3	9°47	8°58	15°47	14°28	28°45	16°39	M27
T 28	18 26 12	6°42'06	20° 0	15°22	24°17	16°55	21°33	24°15	2° 2	9°49	8°59	15°39	14°24	28°52	16°45	T 28
W29	18 30 9	7°39'19	2♍50	17°25	23°53	17° 0	21°41	24°19	2° 2	9°51	9° 0	15°33	14°21	28°58	16°52	W29
T 30	18 34 5	8♋36'32	15♍19	19♋26	23♋27	17♒ 4	21♈49	24♍22	2♏ 1	9♊53	9♊ 2	15♉28	14♉18	29♎ 5	16♌59	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 6	18n10	5n12	15n46	2s14	24n21	2n35	20s24	2s57	5n38	1s11	4n48	2n21	11s54	0n30	20n17	1s31	10n45	11s 6	16n51	16n35	8s22	10n36	6s16
T 2	22 14	13 25	4 55	16 20	2 5	24 11	2 30	20 22	3 0	5 42	1 11	4 48	2 21	11 54	0 30	20 18	1 31	10 45	11 6	16 50	16 34	8 25	10 36	6 15
F 3	22 21	8 15	4 25	16 54	1 56	24 0	2 24	20 20	3 4	5 47	1 11	4 47	2 21	11 53	0 30	20 18	1 31	10 45	11 6	16 50	16 34	8 28	10 35	6 14
S 4	22 28	2 52	3 44	17 28	1 46	23 50	2 18	20 18	3 7	5 51	1 11	4 46	2 21	11 52	0 30	20 18	1 31	10 46	11 6	16 51	16 33	8 31	10 34	6 14
S 5	22 35	2s34	2 54	18 3	1 36	23 39	2 12	20 16	3 11	5 55	1 12	4 46	2 20	11 52	0 30	20 19	1 31	10 46	11 6	16 51	16 32	8 34	10 33	6 13
M 6	22 41	7 54	1 57	18 37	1 26	23 28	2 5	20 14	3 15	5 59	1 12	4 45	2 20	11 51	0 30	20 19	1 31	10 46	11 6	16 52	16 31	8 37	10 32	6 12
T 7	22 47	12 58	0 54	19 10	1 16	23 17	1 58	20 12	3 19	6 2	1 12	4 45	2 20	11 51	0 30	20 19	1 31	10 46	11 6	16 52	16 30	8 41	10 31	6 12
W 8	22 53	17 36	0s11	19 43	1 5	23 6	1 50	20 11	3 22	6 6	1 12	4 44	2 20	11 50	0 30	20 20	1 31	10 47	11 6	16 52	16 29	8 44	10 31	6 11
T 9	22 58	21 35	1 16	20 15	0 54	22 54	1 43	20 9	3 26	6 10	1 12	4 43	2 20	11 50	0 30	20 20	1 31	10 47	11 6	16 52	16 28	8 47	10 30	6 11
F 10	23 2	24 41	2 19	20 47	0 43	22 43	1 35	20 8	3 30	6 14	1 12	4 42	2 19	11 49	0 30	20 20	1 31	10 47	11 6	16 51	16 27	8 50	10 29	6 10
S 11	23 7	26 38	3 16	21 17	0 32	22 32	1 26	20 7	3 34	6 18	1 13	4 41	2 19	11 49	0 30	20 21	1 31	10 47	11 6	16 50	16 26	8 53	10 28	6 9
S 12	23 11	27 16	4 4	21 46	0 21	22 20	1 17	20 6	3 38	6 21	1 13	4 41	2 19	11 48	0 30	20 21	1 31	10 47	11 6	16 49	16 25	8 56	10 26	6 9
M13	23 14	26 26	4 41	22 13	0 10	22 9	1 8	20 5	3 42	6 25	1 13	4 40	2 19	11 48	0 30	20 21	1 31	10 47	11 6	16 47	16 24	9 0	10 25	6 8
T 14	23 17	24 8	5 4	22 39	0n 1	21 57	0 59	20 5	3 46	6 29	1 13	4 39	2 19	11 48	0 30	20 22	1 31	10 48	11 6	16 45	16 23	9 3	10 24	6 7
W15	23 20	20 31	5 11	23 3	0 12	21 46	0 49	20 5	3 50	6 32	1 13	4 38	2 18	11 47	0 30	20 22	1 31	10 48	11 6	16 44	16 22	9 6	10 23	6 7
T 16	23 22	15 46	5 0	23 25	0 23	21 35	0 38	20 4	3 54	6 36	1 14	4 37	2 18	11 47	0 30	20 22	1 31	10 48	11 6	16 43	16 22	9 9	10 22	6 6
F 17	23 24	10 10	4 33	23 44	0 33	21 24	0 27	20 4	3 58	6 39	1 14	4 36	2 18	11 46	0 30	20 23	1 31	10 48	11 6	16 42	16 21	9 12	10 21	6 6
S 18	23 25	3 59	3 49	24 1	0 43	21 12	0 16	20 5	4 3	6 42	1 14	4 35	2 18	11 46	0 30	20 23	1 31	10 48	11 6	16 42	16 20	9 15	10 20	6 5
S 19	23 26	2n29	2 51	24 16	0 52	21 1	0 5	20 5	4 7	6 46	1 14	4 33	2 18	11 46	0 30	20 23	1 31	10 48	11 6	16 42	16 19	9 19	10 18	6 5
M20	23 27	8 55	1 41	24 27	1 1	20 50	0s 7	20 6	4 11	6 49	1 14	4 32	2 17	11 45	0 30	20 24	1 31	10 49	11 6	16 42	16 18	9 22	10 17	6 4
T 21	23 27	14 57	0 25	24 36	1 9	20 39	0 19	20 6	4 15	6 52	1 15	4 31	2 17	11 45	0 30	20 24	1 31	10 49	11 6	16 43	16 17	9 25	10 16	6 4
W22	23 27	20 10	0n53	24 42	1 17	20 28	0 31	20 8	4 20	6 56	1 15	4 30	2 17	11 45	0 30	20 24	1 31	10 49	11 6	16 43	16 16	9 28	10 14	6 3
T 23	23 26	24 10	2 8	24 46	1 23	20 18	0 44	20 9	4 24	6 59	1 15	4 29	2 17	11 45	0 30	20 24	1 31	10 49	11 6	16 42	16 15	9 31	10 13	6 2
F 24	23 25	26 36	3 14	24 46	1 30	20 7	0 57	20 10	4 28	7 2	1 15	4 27	2 17	11 44	0 30	20 25	1 31	10 49	11 6	16 41	16 14	9 34	10 12	6 2
S 25	23 24	27 14	4 7	24 44	1 35	19 56	1 11	20 12	4 33	7 5	1 15	4 26	2 16	11 44	0 30	20 25	1 31	10 49	11 6	16 39	16 13	9 38	10 10	6 1
S 26	23 22	26 7	4 44	24 39	1 40	19 46	1 24	20 14	4 37	7 8	1 16	4 24	2 16	11 44	0 30	20 25	1 31	10 49	11 6	16 37	16 12	9 41	10 9	6 1
M27	23 20	23 29	5 3	24 31	1 44	19 36	1 38	20 16	4 41	7 11	1 16	4 23	2 16	11 44	0 30	20 26	1 31	10 49	11 6	16 34	16 11	9 44	10 7	6 0
T 28	23 17	19 40	5 6	24 21	1 47	19 26	1 52	20 19	4 46	7 14	1 16	4 22	2 16	11 43	0 30	20 26	1 31	10 50	11 7	16 32	16 10	9 47	10 6	6 0
W29	23 14	15 2	4 53	24 8	1 50	19 16	2 6	20 21	4 50	7 16	1 16	4 20	2 16	11 43	0 30	20 26	1 31	10 50	11 7	16 30	16 9	9 50	10 4	5 59
T 30	23n11	9n53	4n27	23n53	1n52	19n 7	2s20	20s24	4s54	7n19	1s17	4n19	2n15	11s43	0n30	20n27	1s31	10n50	11s 7	16n29	16n 8	9s53	10n 3	5s59

Julian Day Number = 2412250.5, Delta T = -4.52 sec
Ecliptic obliquity = 23°27'18, Nutation = - 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°14'16, Lahiri = 22°21'17

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ASTRODIENST EPHEMERIS for the year 1892
geocentric

JULY 1892 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 38 2	9♋33'44	27♍31	21♋26	22°R59	17♒ 8	21♈56	24♍26	2°R 1	9♊55	9♊ 3	15°R25	14♉15	29♎12	17♌ 6	F 1
S 2	18 41 58	10°30'56	9♎30	23°23	22♋29	17°10	22° 4	24°29	2♏ 0	9°57	9° 4	15°D24	14°12	29°18	17°13	S 2
S 3	18 45 55	11°28'07	21°22	25°19	21°58	17°12	22°12	24°33	2° 0	9°59	9° 5	15♉25	14° 8	29°25	17°20	S 3
M 4	18 49 51	12°25'19	3♏10	27°13	21°25	17°14	22°19	24°37	1°59	10° 1	9° 6	15°26	14° 5	29°32	17°27	M 4
T 5	18 53 48	13°22'30	15° 1	29° 5	20°51	17°R14	22°26	24°40	1°59	10° 3	9° 7	15°R26	14° 2	29°38	17°34	T 5
W 6	18 57 45	14°19'41	27° 0	0♌54	20°16	17°14	22°33	24°44	1°59	10° 5	9° 9	15°26	13°59	29°45	17°41	W 6
T 7	19 1 41	15°16'52	9♐10	2°42	19°39	17°13	22°40	24°48	1°59	10° 7	9°10	15°23	13°56	29°51	17°48	T 7
F 8	19 5 38	16°14'03	21°35	4°28	19° 2	17°11	22°47	24°52	1°59	10° 9	9°11	15°18	13°53	29°58	17°55	F 8
S 9	19 9 34	17°11'14	4♑17	6°12	18°25	17° 8	22°54	24°57	1°59	10°10	9°12	15°11	13°49	0♏ 5	18° 2	S 9
S 10	19 13 31	18° 8'25	17°16	7°53	17°47	17° 5	23° 0	25° 1	1°D58	10°12	9°13	15° 1	13°46	0°11	18°10	S 10
M11	19 17 27	19° 5'36	0♒32	9°33	17°10	17° 1	23° 6	25° 5	1°59	10°14	9°14	14°51	13°43	0°18	18°17	M11
T 12	19 21 24	20° 2'48	14° 3	11°11	16°33	16°56	23°13	25°10	1°59	10°16	9°15	14°41	13°40	0°25	18°24	T 12
W13	19 25 20	21° 0'00	27°46	12°47	15°56	16°51	23°19	25°14	1°59	10°18	9°16	14°31	13°37	0°31	18°32	W13
T 14	19 29 17	21°57'13	11♓39	14°20	15°20	16°45	23°24	25°19	1°59	10°20	9°18	14°24	13°34	0°38	18°39	T 14
F 15	19 33 14	22°54'26	25°39	15°52	14°45	16°38	23°30	25°23	1°59	10°21	9°19	14°19	13°30	0°45	18°47	F 15
S 16	19 37 10	23°51'39	9♈43	17°22	14°11	16°30	23°36	25°28	1°59	10°23	9°20	14°16	13°27	0°51	18°54	S 16
S 17	19 41 7	24°48'54	23°50	18°50	13°39	16°21	23°41	25°33	2° 0	10°25	9°21	14°D15	13°24	0°58	19° 2	S 17
M18	19 45 3	25°46'09	7♉58	20°15	13° 8	16°12	23°46	25°38	2° 0	10°27	9°22	14°R15	13°21	1° 5	19° 9	M18
T 19	19 49 0	26°43'25	22° 7	21°39	12°39	16° 3	23°51	25°42	2° 1	10°28	9°23	14°15	13°18	1°11	19°17	T 19
W20	19 52 56	27°40'42	6♊15	23° 0	12°12	15°52	23°56	25°47	2° 1	10°30	9°24	14°14	13°14	1°18	19°24	W20
T 21	19 56 53	28°38'00	20°20	24°20	11°46	15°41	24° 1	25°52	2° 2	10°32	9°25	14°10	13°11	1°25	19°32	T 21
F 22	20 0 49	29°35'19	4♋19	25°37	11°23	15°29	24° 5	25°58	2° 2	10°33	9°25	14° 3	13° 8	1°31	19°40	F 22
S 23	20 4 46	0♌32'39	18° 9	26°52	11° 2	15°17	24° 9	26° 3	2° 3	10°35	9°26	13°54	13° 5	1°38	19°47	S 23
S 24	20 8 43	1°29'59	1♌45	28° 4	10°44	15° 5	24°13	26° 8	2° 4	10°36	9°27	13°43	13° 2	1°45	19°55	S 24
M25	20 12 39	2°27'19	15° 6	29°14	10°27	14°51	24°17	26°13	2° 4	10°38	9°28	13°30	12°59	1°51	20° 3	M25
T 26	20 16 36	3°24'41	28° 8	0♍22	10°13	14°38	24°21	26°19	2° 5	10°39	9°29	13°19	12°55	1°58	20°11	T 26
W27	20 20 32	4°22'03	10♍52	1°27	10° 2	14°24	24°25	26°24	2° 6	10°41	9°30	13° 8	12°52	2° 4	20°18	W27
T 28	20 24 29	5°19'25	23°17	2°30	9°52	14° 9	24°28	26°30	2° 7	10°42	9°31	13° 0	12°49	2°11	20°26	T 28
F 29	20 28 25	6°16'48	5♎27	3°29	9°45	13°54	24°31	26°35	2° 8	10°44	9°32	12°54	12°46	2°18	20°34	F 29
S 30	20 32 22	7°14'12	17°25	4°26	9°41	13°39	24°34	26°41	2° 9	10°45	9°33	12°51	12°43	2°24	20°42	S 30
S 31	20 36 18	8♌11'36	29♎16	5♍20	9°D39	13♒24	24♈37	26♍47	2♏10	10♊47	9♊33	12♉50	12♉40	2♏31	20♌50	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 7	4n29	3n49	23n36	1n53	18n57	2s35	20s27	4s59	7n22	1s17	4n17	2n15	11s43	0n30	20n27	1s31	10n50	11s 7	16n28	16n 7	9s56	10n 1	5s59
S 2	23 2	1s 0	3 1	23 17	1 53	18 48	2 49	20 31	5 3	7 25	1 17	4 15	2 15	11 43	0 30	20 27	1 31	10 50	11 7	16 28	16 7	10 0	10 0	5 58
S 3	22 58	6 24	2 6	22 56	1 53	18 39	3 3	20 34	5 8	7 27	1 17	4 14	2 15	11 43	0 30	20 27	1 31	10 50	11 7	16 28	16 6	10 3	9 58	5 58
M 4	22 52	11 33	1 5	22 34	1 52	18 30	3 17	20 38	5 12	7 30	1 17	4 12	2 15	11 43	0 29	20 28	1 31	10 50	11 7	16 28	16 5	10 6	9 56	5 57
T 5	22 47	16 19	0 2	22 9	1 50	18 22	3 31	20 42	5 16	7 32	1 18	4 10	2 14	11 43	0 29	20 28	1 31	10 50	11 7	16 29	16 4	10 9	9 55	5 57
W 6	22 41	20 30	1s 2	21 44	1 48	18 13	3 45	20 46	5 21	7 35	1 18	4 9	2 14	11 43	0 29	20 28	1 31	10 50	11 7	16 28	16 3	10 12	9 53	5 56
T 7	22 35	23 52	2 3	21 16	1 45	18 5	3 58	20 50	5 25	7 37	1 18	4 7	2 14	11 43	0 29	20 28	1 31	10 50	11 7	16 28	16 2	10 15	9 51	5 56
F 8	22 28	26 12	3 1	20 48	1 42	17 58	4 11	20 55	5 29	7 39	1 18	4 5	2 14	11 43	0 29	20 29	1 31	10 50	11 7	16 26	16 1	10 18	9 49	5 55
S 9	22 21	27 13	3 50	20 19	1 38	17 50	4 24	21 0	5 33	7 41	1 19	4 3	2 14	11 43	0 29	20 29	1 31	10 50	11 7	16 24	16 0	10 22	9 48	5 55
S 10	22 13	26 47	4 29	19 48	1 33	17 43	4 36	21 5	5 37	7 44	1 19	4 2	2 14	11 43	0 29	20 29	1 31	10 51	11 8	16 21	15 59	10 25	9 46	5 55
M11	22 6	24 50	4 54	19 17	1 28	17 36	4 47	21 10	5 42	7 46	1 19	4 0	2 13	11 43	0 29	20 29	1 32	10 51	11 8	16 18	15 58	10 28	9 44	5 54
T 12	21 57	21 27	5 3	18 45	1 22	17 30	4 58	21 15	5 46	7 48	1 19	3 58	2 13	11 43	0 29	20 30	1 32	10 51	11 8	16 15	15 57	10 31	9 42	5 54
W13	21 49	16 52	4 55	18 12	1 16	17 24	5 9	21 21	5 50	7 50	1 20	3 56	2 13	11 43	0 29	20 30	1 32	10 51	11 8	16 12	15 56	10 34	9 40	5 54
T 14	21 40	11 21	4 30	17 39	1 10	17 18	5 18	21 26	5 54	7 52	1 20	3 54	2 13	11 43	0 29	20 30	1 32	10 51	11 8	16 10	15 55	10 37	9 39	5 53
F 15	21 31	5 13	3 48	17 5	1 3	17 13	5 28	21 32	5 57	7 54	1 20	3 52	2 13	11 43	0 29	20 30	1 32	10 51	11 8	16 9	15 54	10 40	9 37	5 53
S 16	21 21	1n12	2 53	16 31	0 55	17 8	5 36	21 38	6 1	7 55	1 20	3 50	2 13	11 43	0 29	20 30	1 32	10 51	11 8	16 8	15 53	10 43	9 35	5 52
S 17	21 11	7 36	1 46	15 56	0 47	17 3	5 44	21 44	6 5	7 57	1 21	3 48	2 12	11 43	0 29	20 31	1 32	10 51	11 8	16 8	15 52	10 47	9 33	5 52
M18	21 0	13 39	0 33	15 22	0 39	16 59	5 51	21 50	6 8	7 59	1 21	3 46	2 12	11 43	0 29	20 31	1 32	10 51	11 9	16 8	15 51	10 50	9 31	5 52
T 19	20 50	18 59	0n42	14 47	0 30	16 55	5 57	21 56	6 12	8 0	1 21	3 44	2 12	11 44	0 29	20 31	1 32	10 51	11 9	16 8	15 50	10 53	9 29	5 51
W20	20 38	23 14	1 54	14 12	0 21	16 52	6 3	22 3	6 15	8 2	1 21	3 42	2 12	11 44	0 29	20 31	1 32	10 51	11 9	16 7	15 49	10 56	9 27	5 51
T 21	20 27	26 4	2 59	13 37	0 12	16 49	6 8	22 9	6 18	8 3	1 22	3 39	2 12	11 44	0 29	20 32	1 32	10 51	11 9	16 6	15 48	10 59	9 25	5 51
F 22	20 15	27 15	3 52	13 2	0 2	16 47	6 13	22 16	6 21	8 5	1 22	3 37	2 12	11 44	0 29	20 32	1 32	10 51	11 9	16 4	15 48	11 2	9 23	5 50
S 23	20 3	26 43	4 32	12 27	0s 8	16 45	6 16	22 22	6 24	8 6	1 22	3 35	2 12	11 45	0 29	20 32	1 32	10 51	11 9	16 1	15 47	11 5	9 21	5 50
S 24	19 50	24 34	4 55	11 52	0 18	16 43	6 19	22 29	6 27	8 7	1 22	3 33	2 11	11 45	0 29	20 32	1 32	10 51	11 9	15 58	15 46	11 8	9 19	5 50
M25	19 38	21 6	5 1	11 18	0 28	16 42	6 22	22 35	6 30	8 9	1 23	3 31	2 11	11 45	0 29	20 32	1 32	10 51	11 10	15 54	15 45	11 11	9 16	5 50
T 26	19 24	16 40	4 51	10 44	0 39	16 41	6 24	22 42	6 32	8 10	1 23	3 28	2 11	11 45	0 29	20 32	1 32	10 51	11 10	15 51	15 44	11 15	9 14	5 49
W27	19 11	11 37	4 27	10 11	0 50	16 41	6 25	22 48	6 34	8 11	1 23	3 26	2 11	11 46	0 29	20 33	1 32	10 51	11 10	15 48	15 43	11 18	9 12	5 49
T 28	18 57	6 12	3 51	9 38	1 1	16 41	6 26	22 55	6 37	8 12	1 23	3 24	2 11	11 46	0 29	20 33	1 32	10 51	11 10	15 45	15 42	11 21	9 10	5 49
F 29	18 43	0 39	3 4	9 6	1 13	16 41	6 26	23 1	6 39	8 13	1 24	3 21	2 11	11 46	0 29	20 33	1 32	10 51	11 10	15 43	15 41	11 24	9 8	5 49
S 30	18 29	4s50	2 10	8 35	1 24	16 42	6 26	23 7	6 40	8 14	1 24	3 19	2 11	11 47	0 29	20 33	1 32	10 51	11 10	15 42	15 40	11 27	9 6	5 48
S 31	18n14	10s 7	1n11	8n 4	1s36	16n42	6s25	23s13	6s42	8n14	1s24	3n17	2n10	11s47	0n29	20n33	1s32	10n50	11s11	15n42	15n39	11s30	9n 3	5s48

Julian Day Number = 2412280.5, Delta T = -4.55 sec
Ecliptic obliquity = 23°27'18, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°14'20, Lahiri = 22°21'21

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1892
geocentric

AUGUST 1892 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 40 15	9♌ 9'01	11♏ 4	6♍11	9♋39	13°R 8	24♈40	26♍52	2♏11	10♊48	9♊34	12°R50	12♉36	2♏38	20♌58	M 1
T 2	20 44 12	10° 6'27	22°56	6°58	9°41	12♒52	24°42	26°58	2°12	10°49	9°35	12♉50	12°33	2°44	21° 6	T 2
W 3	20 48 8	11° 3'53	4♐56	7°42	9°46	12°36	24°44	27° 4	2°14	10°51	9°36	12°49	12°30	2°51	21°14	W 3
T 4	20 52 5	12° 1'20	17°10	8°23	9°53	12°20	24°47	27°10	2°15	10°52	9°36	12°45	12°27	2°58	21°21	T 4
F 5	20 56 1	12°58'48	29°42	8°59	10° 2	12° 4	24°48	27°16	2°16	10°53	9°37	12°40	12°24	3° 4	21°29	F 5
S 6	20 59 58	13°56'17	12♑35	9°32	10°13	11°48	24°50	27°22	2°18	10°54	9°38	12°31	12°20	3°11	21°37	S 6
S 7	21 3 54	14°53'47	25°50	10° 1	10°26	11°33	24°52	27°28	2°19	10°56	9°38	12°21	12°17	3°18	21°45	S 7
M 8	21 7 51	15°51'18	9♒26	10°25	10°41	11°17	24°53	27°34	2°21	10°57	9°39	12° 9	12°14	3°24	21°53	M 8
T 9	21 11 47	16°48'50	23°21	10°44	10°58	11° 1	24°54	27°40	2°22	10°58	9°40	11°57	12°11	3°31	22° 1	T 9
W10	21 15 44	17°46'22	7♓30	10°59	11°17	10°46	24°55	27°47	2°24	10°59	9°40	11°47	12° 8	3°38	22° 9	W10
T 11	21 19 41	18°43'57	21°49	11° 8	11°38	10°30	24°56	27°53	2°25	11° 0	9°41	11°38	12° 5	3°44	22°17	T 11
F 12	21 23 37	19°41'32	6♈10	11°R13	12° 1	10°15	24°56	27°59	2°27	11° 1	9°42	11°32	12° 1	3°51	22°25	F 12
S 13	21 27 34	20°39'09	20°31	11°12	12°25	10° 1	24°56	28° 6	2°29	11° 2	9°42	11°29	11°58	3°57	22°34	S 13
S 14	21 31 30	21°36'48	4♉48	11° 6	12°51	9°46	24°R56	28°12	2°30	11° 3	9°43	11°27	11°55	4° 4	22°42	S 14
M15	21 35 27	22°34'28	18°57	10°54	13°19	9°32	24°56	28°18	2°32	11° 4	9°43	11°27	11°52	4°11	22°50	M15
T 16	21 39 23	23°32'09	2♊59	10°36	13°48	9°19	24°56	28°25	2°34	11° 5	9°44	11°27	11°49	4°17	22°58	T 16
W17	21 43 20	24°29'53	16°53	10°13	14°18	9° 6	24°56	28°32	2°36	11° 6	9°44	11°26	11°46	4°24	23° 6	W17
T 18	21 47 16	25°27'38	0♋38	9°44	14°50	8°53	24°55	28°38	2°38	11° 7	9°45	11°22	11°42	4°31	23°14	T 18
F 19	21 51 13	26°25'25	14°14	9°10	15°24	8°41	24°54	28°45	2°40	11° 8	9°45	11°15	11°39	4°37	23°22	F 19
S 20	21 55 10	27°23'13	27°39	8°31	15°58	8°30	24°53	28°51	2°42	11° 9	9°45	11° 6	11°36	4°44	23°30	S 20
S 21	21 59 6	28°21'03	10♌53	7°47	16°34	8°19	24°52	28°58	2°44	11°10	9°46	10°55	11°33	4°51	23°38	S 21
M22	22 3 3	29°18'55	23°53	7° 0	17°12	8° 9	24°50	29° 5	2°46	11°10	9°46	10°43	11°30	4°57	23°46	M22
T 23	22 6 59	0♍16'48	6♍39	6° 9	17°50	8° 0	24°48	29°12	2°48	11°11	9°47	10°31	11°26	5° 4	23°54	T 23
W24	22 10 56	1°14'42	19°10	5°16	18°29	7°51	24°47	29°19	2°51	11°12	9°47	10°20	11°23	5°11	24° 2	W24
T 25	22 14 52	2°12'38	1♎27	4°21	19°10	7°43	24°44	29°25	2°53	11°12	9°47	10°12	11°20	5°17	24°10	T 25
F 26	22 18 49	3°10'35	13°32	3°26	19°52	7°35	24°42	29°32	2°55	11°13	9°48	10° 6	11°17	5°24	24°18	F 26
S 27	22 22 45	4° 8'33	25°26	2°32	20°34	7°29	24°40	29°39	2°57	11°14	9°48	10° 3	11°14	5°30	24°26	S 27
S 28	22 26 42	5° 6'33	7♏15	1°39	21°18	7°23	24°37	29°46	3° 0	11°14	9°48	10°D 2	11°11	5°37	24°34	S 28
M29	22 30 39	6° 4'35	19° 2	0°50	22° 2	7°18	24°34	29°53	3° 2	11°15	9°48	10° 2	11° 7	5°44	24°42	M29
T 30	22 34 35	7° 2'38	0♐53	0° 5	22°48	7°14	24°31	0♎ 0	3° 5	11°15	9°49	10° 3	11° 4	5°50	24°50	T 30
W31	22 38 32	8♍ 0'42	12♐52	29♌26	23♋34	7♒10	24♈28	0♎ 7	3♏ 7	11♊16	9♊49	10°R 3	11♉ 1	5♏57	24♌58	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	17n59	15s 1	0n 9	7n35	1s48	16n44	6s24	23s19	6s44	8n15	1s24	3n14	2n10	11s48	0n29	20n33	1s32	10n50	11s11	15n42	15n38	11s33	9n 1	5s48	
T 2	17 43	19 23	0s53	7 6	2 0	16 45	6 22	23 25	6 45	8 16	1 25	3 12	2 10	11 48	0 28	20 34	1 32	10 50	11 11	15 42	15 37	11 36	8 59	5 48	
W 3	17 28	23 0	1 54	6 39	2 12	16 47	6 20	23 31	6 46	8 16	1 25	3 9	2 10	11 49	0 28	20 34	1 32	10 50	11 11	15 42	15 36	11 39	8 57	5 47	
T 4	17 12	25 40	2 51	6 13	2 24	16 49	6 18	23 36	6 47	8 17	1 25	3 7	2 10	11 49	0 28	20 34	1 32	10 50	11 11	15 41	15 35	11 42	8 54	5 47	
F 5	16 56	27 8	3 41	5 48	2 35	16 51	6 15	23 42	6 47	8 17	1 25	3 4	2 10	11 50	0 28	20 34	1 32	10 50	11 11	15 39	15 34	11 46	8 52	5 47	
S 6	16 39	27 11	4 21	5 25	2 47	16 53	6 12	23 47	6 48	8 18	1 26	3 2	2 10	11 50	0 28	20 34	1 32	10 50	11 12	15 36	15 33	11 49	8 50	5 47	
S 7	16 23	25 43	4 48	5 3	2 59	16 55	6 9	23 51	6 48	8 18	1 26	2 59	2 10	11 51	0 28	20 34	1 32	10 50	11 12	15 33	15 32	11 52	8 47	5 47	
M 8	16 6	22 43	5 0	4 44	3 10	16 58	6 5	23 56	6 48	8 18	1 26	2 57	2 10	11 51	0 28	20 34	1 32	10 50	11 12	15 30	15 31	11 55	8 45	5 47	
T 9	15 48	18 23	4 55	4 26	3 22	17 0	6 1	24 0	6 48	8 18	1 27	2 54	2 9	11 52	0 28	20 35	1 33	10 50	11 12	15 26	15 30	11 58	8 43	5 46	
W10	15 31	12 57	4 31	4 10	3 33	17 3	5 57	24 4	6 48	8 18	1 27	2 52	2 9	11 52	0 28	20 35	1 33	10 50	11 12	15 23	15 29	12 1	8 40	5 46	
T 11	15 13	6 47	3 51	3 57	3 43	17 5	5 53	24 8	6 47	8 18	1 27	2 49	2 9	11 53	0 28	20 35	1 33	10 50	11 12	15 20	15 28	12 4	8 38	5 46	
F 12	14 55	0 14	2 55	3 46	3 53	17 8	5 48	24 12	6 47	8 18	1 27	2 47	2 9	11 53	0 28	20 35	1 33	10 50	11 13	15 18	15 27	12 7	8 35	5 46	
S 13	14 37	6n21	1 48	3 38	4 2	17 10	5 43	24 15	6 46	8 18	1 28	2 44	2 9	11 54	0 28	20 35	1 33	10 49	11 13	15 17	15 26	12 10	8 33	5 46	
S 14	14 19	12 34	0 35	3 32	4 11	17 13	5 39	24 18	6 45	8 18	1 28	2 41	2 9	11 55	0 28	20 35	1 33	10 49	11 13	15 17	15 25	12 13	8 30	5 46	
M15	14 0	18 6	0n40	3 30	4 19	17 15	5 33	24 21	6 43	8 18	1 28	2 39	2 9	11 55	0 28	20 35	1 33	10 49	11 13	15 17	15 24	12 16	8 28	5 46	
T 16	13 41	22 36	1 51	3 30	4 26	17 18	5 28	24 23	6 42	8 17	1 28	2 36	2 9	11 56	0 28	20 35	1 33	10 49	11 13	15 17	15 23	12 19	8 26	5 45	
W17	13 22	25 44	2 56	3 33	4 31	17 20	5 23	24 25	6 40	8 17	1 29	2 33	2 9	11 57	0 28	20 35	1 33	10 49	11 14	15 16	15 22	12 22	8 23	5 45	
T 18	13 3	27 17	3 49	3 40	4 36	17 22	5 17	24 27	6 39	8 16	1 29	2 31	2 9	11 57	0 28	20 35	1 33	10 49	11 14	15 15	15 21	12 25	8 21	5 45	
F 19	12 43	27 9	4 29	3 50	4 39	17 24	5 12	24 28	6 37	8 16	1 29	2 28	2 8	11 58	0 28	20 35	1 33	10 49	11 14	15 13	15 20	12 29	8 18	5 45	
S 20	12 23	25 26	4 53	4 3	4 40	17 26	5 6	24 29	6 34	8 15	1 29	2 25	2 8	11 59	0 28	20 36	1 33	10 49	11 14	15 10	15 19	12 32	8 16	5 45	
S 21	12 3	22 21	5 2	4 19	4 40	17 27	5 0	24 30	6 32	8 15	1 30	2 22	2 8	12 0	0 28	20 36	1 33	10 48	11 14	15 7	15 18	12 35	8 13	5 45	
M22	11 43	18 11	4 54	4 39	4 38	17 29	4 55	24 30	6 30	8 14	1 30	2 20	2 8	12 0	0 28	20 36	1 33	10 48	11 15	15 3	15 17	12 38	8 10	5 45	
T 23	11 23	13 16	4 31	5 1	4 34	17 30	4 49	24 30	6 27	8 13	1 30	2 17	2 8	12 1	0 28	20 36	1 33	10 48	11 15	14 59	15 16	12 41	8 8	5 45	
W24	11 2	7 54	3 56	5 25	4 28	17 31	4 43	24 30	6 25	8 12	1 30	2 14	2 8	12 2	0 28	20 36	1 33	10 48	11 15	14 56	15 15	12 44	8 5	5 45	
T 25	10 42	2 20	3 10	5 52	4 21	17 31	4 37	24 30	6 22	8 11	1 31	2 11	2 8	12 3	0 28	20 36	1 33	10 48	11 15	14 53	15 14	12 47	8 3	5 45	
F 26	10 21	3s15	2 16	6 21	4 11	17 31	4 30	24 29	6 19	8 10	1 31	2 8	2 8	12 3	0 28	20 36	1 33	10 48	11 15	14 51	15 13	12 50	8 0	5 45	
S 27	10 0	8 39	1 17	6 51	4 0	17 31	4 24	24 28	6 16	8 9	1 31	2 6	2 8	12 4	0 28	20 36	1 33	10 48	11 16	14 50	15 13	12 53	7 58	5 45	
S 28	9 39	13 42	0 15	7 22	3 47	17 31	4 18	24 26	6 13	8 8	1 31	2 3	2 8	12 5	0 28	20 36	1 33	10 47	11 16	14 50	15 12	12 56	7 55	5 45	
M29	9 17	18 16	0s48	7 53	3 32	17 30	4 12	24 24	6 9	8 6	1 32	2 0	2 8	12 6	0 28	20 36	1 33	10 47	11 16	14 50	15 11	12 59	7 52	5 45	
T 30	8 56	22 8	1 49	8 23	3 16	17 29	4 5	24 22	6 6	8 5	1 32	1 57	2 8	12 7	0 28	20 36	1 33	10 47	11 16	14 50	15 10	13 2	7 50	5 45	
W31	8n34	25s 6	2s46	8n53	2s59	17n28	3s59	24s20	6s 3	8n 4	1s32	1n54	2n 8	12s 8	0n28	20n36	1s34	10n47	11s16	14n50	15n 9	13s 5	7n47	5s45	

Julian Day Number = 2412311.5, Delta T = -4.58 sec
Ecliptic obliquity = 23°27'18, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°14'25, Lahiri = 22°21'25

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ASTRODIENST EPHEMERIS for the year 1892
geocentric

SEPTEMBER 1892 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 42 28	8♍58'48	25♐ 6	28°R52	24♋21	7°R 8	24°R24	0♎14	3♏10	11♊16	9♊49	10°R 1	10♉58	6♏ 4	25♌ 6	T 1
F 2	22 46 25	9°56'55	7♑39	28♌26	25° 9	7♒ 6	24♈21	0°22	3°12	11°17	9°49	9♉58	10°55	6°10	25°14	F 2
S 3	22 50 21	10°55'03	20°35	28° 7	25°58	7° 5	24°17	0°29	3°15	11°17	9°49	9°52	10°51	6°17	25°22	S 3
S 4	22 54 18	11°53'13	3♒57	27°56	26°48	7°D 5	24°13	0°36	3°18	11°17	9°49	9°45	10°48	6°24	25°30	S 4
M 5	22 58 14	12°51'25	17°45	27°D55	27°38	7° 5	24° 9	0°43	3°20	11°18	9°49	9°36	10°45	6°30	25°38	M 5
T 6	23 2 11	13°49'38	1♓56	28° 1	28°29	7° 7	24° 4	0°50	3°23	11°18	9°50	9°27	10°42	6°37	25°45	T 6
W 7	23 6 8	14°47'53	16°26	28°17	29°20	7° 9	24° 0	0°57	3°26	11°18	9°50	9°19	10°39	6°44	25°53	W 7
T 8	23 10 4	15°46'10	1♈ 8	28°42	0♌13	7°12	23°55	1° 5	3°29	11°18	9°50	9°12	10°36	6°50	26° 1	T 8
F 9	23 14 1	16°44'28	15°55	29°16	1° 6	7°16	23°50	1°12	3°31	11°18	9°R50	9° 8	10°32	6°57	26° 9	F 9
S 10	23 17 57	17°42'49	0♉39	29°58	1°59	7°20	23°45	1°19	3°34	11°19	9°50	9° 6	10°29	7° 4	26°17	S 10
S 11	23 21 54	18°41'11	15°14	0♍48	2°54	7°26	23°40	1°26	3°37	11°19	9°50	9°D 5	10°26	7°10	26°24	S 11
M12	23 25 50	19°39'36	29°36	1°46	3°48	7°32	23°35	1°34	3°40	11°19	9°49	9° 6	10°23	7°17	26°32	M12
T 13	23 29 47	20°38'03	13♊43	2°51	4°44	7°39	23°29	1°41	3°43	11°19	9°49	9° 7	10°20	7°23	26°40	T 13
W14	23 33 43	21°36'32	27°34	4° 2	5°40	7°47	23°24	1°48	3°46	11°R19	9°49	9°R 7	10°17	7°30	26°48	W14
T 15	23 37 40	22°35'04	11♋ 9	5°20	6°36	7°55	23°18	1°56	3°49	11°19	9°49	9° 6	10°13	7°37	26°55	T 15
F 16	23 41 37	23°33'38	24°29	6°43	7°33	8° 5	23°12	2° 3	3°52	11°19	9°49	9° 2	10°10	7°43	27° 3	F 16
S 17	23 45 33	24°32'13	7♌35	8°12	8°30	8°14	23° 6	2°11	3°55	11°19	9°49	8°57	10° 7	7°50	27°10	S 17
S 18	23 49 30	25°30'51	20°28	9°44	9°28	8°25	22°59	2°18	3°58	11°19	9°49	8°50	10° 4	7°57	27°18	S 18
M19	23 53 26	26°29'31	3♍ 7	11°20	10°27	8°37	22°53	2°25	4° 1	11°18	9°49	8°42	10° 1	8° 3	27°25	M19
T 20	23 57 23	27°28'13	15°35	12°59	11°26	8°49	22°46	2°33	4° 5	11°18	9°48	8°34	9°57	8°10	27°33	T 20
W21	0 1 19	28°26'57	27°51	14°41	12°25	9° 2	22°40	2°40	4° 8	11°18	9°48	8°28	9°54	8°17	27°40	W21
T 22	0 5 16	29°25'43	9♎57	16°25	13°25	9°15	22°33	2°48	4°11	11°18	9°48	8°23	9°51	8°23	27°48	T 22
F 23	0 9 12	0♎24'31	21°54	18°11	14°25	9°29	22°26	2°55	4°14	11°17	9°47	8°19	9°48	8°30	27°55	F 23
S 24	0 13 9	1°23'21	3♏45	19°58	15°25	9°44	22°19	3° 2	4°18	11°17	9°47	8°D18	9°45	8°37	28° 2	S 24
S 25	0 17 6	2°22'13	15°32	21°45	16°26	10° 0	22°12	3°10	4°21	11°17	9°47	8°18	9°42	8°43	28°10	S 25
M26	0 21 2	3°21'06	27°18	23°34	17°27	10°16	22° 5	3°17	4°24	11°16	9°46	8°19	9°38	8°50	28°17	M26
T 27	0 24 59	4°20'02	9♐ 8	25°23	18°29	10°33	21°57	3°25	4°28	11°16	9°46	8°21	9°35	8°56	28°24	T 27
W28	0 28 55	5°18'59	21° 6	27°12	19°31	10°50	21°50	3°32	4°31	11°15	9°46	8°23	9°32	9° 3	28°31	W28
T 29	0 32 52	6°17'58	3♑18	29° 0	20°33	11° 8	21°42	3°40	4°34	11°15	9°45	8°R23	9°29	9°10	28°38	T 29
F 30	0 36 48	7♎16'59	15♑48	0♎49	21♌36	11♒27	21♈35	3♎47	4♏38	11♊14	9♊45	8♉23	9♉26	9♏16	28♌45	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n12	26s59	3s37	9n21	2s41	17n26	3s53	24s17	5s59	8n 2	1s32	1n51	2n 8	12s 9	0n28	20n36	1s34	10n47	11s17	14n50	15n 8	13s 8	7n45	5s45
F 2	7 51	27 32	4 19	9 48	2 22	17 24	3 46	24 14	5 56	8 1	1 32	1 49	2 8	12 10	0 28	20 36	1 34	10 46	11 17	14 49	15 7	13 11	7 42	5 45
S 3	7 29	26 38	4 49	10 12	2 3	17 22	3 40	24 11	5 52	7 59	1 33	1 46	2 8	12 10	0 28	20 36	1 34	10 46	11 17	14 47	15 6	13 14	7 39	5 45
S 4	7 6	24 12	5 4	10 34	1 44	17 19	3 34	24 7	5 48	7 57	1 33	1 43	2 8	12 11	0 27	20 36	1 34	10 46	11 17	14 45	15 5	13 17	7 37	5 45
M 5	6 44	20 19	5 2	10 52	1 25	17 16	3 27	24 4	5 44	7 56	1 33	1 40	2 8	12 12	0 27	20 36	1 34	10 46	11 17	14 42	15 4	13 20	7 34	5 45
T 6	6 22	15 11	4 43	11 8	1 6	17 12	3 21	23 59	5 41	7 54	1 33	1 37	2 8	12 13	0 27	20 36	1 34	10 46	11 18	14 39	15 3	13 23	7 31	5 45
W 7	5 59	9 6	4 4	11 19	0 48	17 8	3 14	23 55	5 37	7 52	1 33	1 34	2 8	12 14	0 27	20 36	1 34	10 46	11 18	14 36	15 2	13 26	7 29	5 45
T 8	5 37	2 27	3 9	11 27	0 30	17 3	3 8	23 51	5 33	7 50	1 34	1 31	2 7	12 15	0 27	20 36	1 34	10 45	11 18	14 34	15 1	13 29	7 26	5 45
F 9	5 14	4n24	2 1	11 32	0 14	16 58	3 2	23 46	5 29	7 48	1 34	1 28	2 7	12 16	0 27	20 36	1 34	10 45	11 18	14 33	15 0	13 32	7 23	5 45
S 10	4 52	11 0	0 45	11 32	0n 3	16 53	2 55	23 41	5 25	7 46	1 34	1 25	2 7	12 17	0 27	20 36	1 34	10 45	11 18	14 32	14 59	13 35	7 21	5 45
S 11	4 29	16 57	0n33	11 28	0 18	16 47	2 49	23 35	5 21	7 44	1 34	1 22	2 7	12 18	0 27	20 36	1 34	10 45	11 19	14 32	14 58	13 38	7 18	5 45
M12	4 6	21 51	1 48	11 21	0 32	16 41	2 43	23 30	5 17	7 42	1 34	1 20	2 7	12 19	0 27	20 36	1 34	10 45	11 19	14 32	14 57	13 41	7 15	5 46
T 13	3 43	25 22	2 56	11 9	0 44	16 34	2 36	23 24	5 13	7 40	1 35	1 17	2 7	12 20	0 27	20 36	1 34	10 44	11 19	14 33	14 56	13 44	7 13	5 46
W14	3 20	27 17	3 52	10 54	0 56	16 27	2 30	23 18	5 9	7 37	1 35	1 14	2 7	12 21	0 27	20 36	1 34	10 44	11 19	14 33	14 55	13 47	7 10	5 46
T 15	2 57	27 31	4 33	10 36	1 7	16 19	2 24	23 12	5 5	7 35	1 35	1 11	2 7	12 22	0 27	20 36	1 34	10 44	11 19	14 32	14 54	13 50	7 7	5 46
F 16	2 34	26 8	4 59	10 14	1 16	16 11	2 17	23 6	5 1	7 33	1 35	1 8	2 7	12 23	0 27	20 36	1 34	10 44	11 20	14 31	14 53	13 53	7 5	5 46
S 17	2 10	23 21	5 9	9 48	1 24	16 2	2 11	22 59	4 56	7 30	1 35	1 5	2 7	12 24	0 27	20 36	1 34	10 43	11 20	14 29	14 52	13 56	7 2	5 46
S 18	1 47	19 27	5 2	9 20	1 31	15 53	2 5	22 52	4 52	7 28	1 35	1 2	2 7	12 26	0 27	20 36	1 34	10 43	11 20	14 27	14 51	13 59	6 59	5 46
M19	1 24	14 44	4 41	8 49	1 37	15 43	1 59	22 45	4 48	7 25	1 36	0 59	2 7	12 27	0 27	20 35	1 34	10 43	11 20	14 25	14 50	14 2	6 57	5 47
T 20	1 0	9 29	4 7	8 16	1 42	15 33	1 53	22 38	4 44	7 23	1 36	0 56	2 7	12 28	0 27	20 35	1 34	10 43	11 20	14 22	14 49	14 5	6 54	5 47
W21	0 37	3 57	3 22	7 40	1 46	15 23	1 47	22 31	4 40	7 20	1 36	0 53	2 7	12 29	0 27	20 35	1 35	10 43	11 21	14 20	14 48	14 8	6 51	5 47
T 22	0 14	1s40	2 28	7 2	1 49	15 12	1 41	22 23	4 36	7 18	1 36	0 50	2 7	12 30	0 27	20 35	1 35	10 42	11 21	14 18	14 47	14 11	6 49	5 47
F 23	0s10	7 11	1 28	6 23	1 51	15 0	1 35	22 15	4 32	7 15	1 36	0 47	2 7	12 31	0 27	20 35	1 35	10 42	11 21	14 17	14 46	14 14	6 46	5 47
S 24	0 33	12 23	0 25	5 42	1 52	14 48	1 29	22 7	4 28	7 12	1 36	0 44	2 7	12 32	0 27	20 35	1 35	10 42	11 21	14 17	14 45	14 17	6 43	5 47
S 25	0 57	17 8	0s39	4 59	1 52	14 36	1 23	21 59	4 24	7 10	1 36	0 41	2 8	12 33	0 27	20 35	1 35	10 42	11 21	14 17	14 44	14 20	6 41	5 48
M26	1 20	21 13	1 42	4 16	1 52	14 23	1 17	21 51	4 20	7 7	1 36	0 39	2 8	12 34	0 27	20 35	1 35	10 41	11 22	14 17	14 43	14 23	6 38	5 48
T 27	1 43	24 29	2 41	3 32	1 50	14 10	1 11	21 42	4 16	7 4	1 36	0 36	2 8	12 36	0 27	20 35	1 35	10 41	11 22	14 18	14 42	14 26	6 35	5 48
W28	2 7	26 42	3 33	2 47	1 49	13 56	1 6	21 34	4 12	7 1	1 36	0 33	2 8	12 37	0 27	20 35	1 35	10 41	11 22	14 18	14 41	14 29	6 33	5 48
T 29	2 30	27 42	4 17	2 1	1 46	13 42	1 0	21 25	4 8	6 58	1 37	0 30	2 8	12 38	0 27	20 35	1 35	10 41	11 22	14 19	14 40	14 32	6 30	5 49
F 30	2s54	27s19	4s50	1n15	1n43	13n27	0s55	21s16	4s 4	6n55	1s37	0n27	2n 8	12s39	0n27	20n34	1s35	10n40	11s22	14n19	14n39	14s35	6n27	5s49

Julian Day Number = 2412342.5, Delta T = -4.60 sec
Ecliptic obliquity = 23°27'19, Nutation = - 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°14'29, Lahiri = 22°21'29

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ASTRODIENST EPHEMERIS for the year 1892
geocentric

OCTOBER 1892 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 40 45	8♎16'02	28♉41	2♎38	22♌39	11♒46	21°R27	3♎54	4♏41	11°R14	9°R44	8°R21	9♉23	9♏23	28♌52	S 1
S 2	0 44 41	9°15'06	12♒ 0	4°25	23°42	12° 6	21♈19	4° 2	4°45	11♊13	9♊44	8♉19	9°19	9°30	28°59	S 2
M 3	0 48 38	10°14'12	25°46	6°13	24°46	12°26	21°12	4° 9	4°48	11°13	9°43	8°15	9°16	9°36	29° 6	M 3
T 4	0 52 35	11°13'20	10♓ 0	8° 0	25°50	12°47	21° 4	4°17	4°52	11°12	9°43	8°11	9°13	9°43	29°13	T 4
W 5	0 56 31	12°12'30	24°38	9°46	26°54	13° 9	20°56	4°24	4°55	11°11	9°42	8° 7	9°10	9°50	29°20	W 5
T 6	1 0 28	13°11'41	9♈34	11°31	27°58	13°31	20°48	4°31	4°59	11°11	9°42	8° 4	9° 7	9°56	29°27	T 6
F 7	1 4 24	14°10'55	24°39	13°16	29° 3	13°53	20°40	4°39	5° 2	11°10	9°41	8° 3	9° 3	10° 3	29°33	F 7
S 8	1 8 21	15°10'11	9♉45	15° 0	0♍ 8	14°16	20°32	4°46	5° 6	11° 9	9°41	8°D 2	9° 0	10°10	29°40	S 8
S 9	1 12 17	16° 9'29	24°42	16°44	1°14	14°39	20°24	4°53	5°10	11° 8	9°40	8° 3	8°57	10°16	29°46	S 9
M10	1 16 14	17° 8'49	9♊24	18°26	2°19	15° 3	20°16	5° 1	5°13	11° 8	9°39	8° 4	8°54	10°23	29°53	M10
T 11	1 20 10	18° 8'12	23°45	20° 8	3°25	15°27	20° 8	5° 8	5°17	11° 7	9°39	8° 5	8°51	10°29	29°59	T 11
W12	1 24 7	19° 7'37	7♋44	21°49	4°31	15°52	20° 0	5°15	5°21	11° 6	9°38	8° 6	8°48	10°36	0♍ 6	W12
T 13	1 28 3	20° 7'04	21°21	23°30	5°38	16°17	19°51	5°23	5°24	11° 5	9°38	8°R 7	8°44	10°43	0°12	T 13
F 14	1 32 0	21° 6'34	4♌36	25°10	6°44	16°43	19°43	5°30	5°28	11° 4	9°37	8° 6	8°41	10°49	0°18	F 14
S 15	1 35 57	22° 6'06	17°31	26°49	7°51	17° 9	19°35	5°37	5°32	11° 3	9°36	8° 5	8°38	10°56	0°25	S 15
S 16	1 39 53	23° 5'40	0♍ 9	28°27	8°58	17°35	19°27	5°44	5°35	11° 2	9°35	8° 3	8°35	11° 3	0°31	S 16
M17	1 43 50	24° 5'17	12°34	0♏ 5	10° 5	18° 2	19°19	5°52	5°39	11° 1	9°35	8° 1	8°32	11° 9	0°37	M17
T 18	1 47 46	25° 4'55	24°46	1°42	11°13	18°29	19°11	5°59	5°43	11° 0	9°34	7°59	8°28	11°16	0°43	T 18
W19	1 51 43	26° 4'36	6♎49	3°19	12°21	18°57	19° 3	6° 6	5°46	10°59	9°33	7°57	8°25	11°23	0°49	W19
T 20	1 55 39	27° 4'19	18°45	4°55	13°28	19°24	18°55	6°13	5°50	10°58	9°32	7°56	8°22	11°29	0°55	T 20
F 21	1 59 36	28° 4'04	0♏36	6°30	14°36	19°53	18°47	6°20	5°54	10°57	9°32	7°55	8°19	11°36	1° 0	F 21
S 22	2 3 32	29° 3'51	12°23	8° 5	15°45	20°21	18°39	6°27	5°58	10°55	9°31	7°D55	8°16	11°43	1° 6	S 22
S 23	2 7 29	0♏ 3'40	24°10	9°39	16°53	20°50	18°31	6°34	6° 1	10°54	9°30	7°56	8°13	11°49	1°12	S 23
M24	2 11 26	1° 3'30	5♐58	11°13	18° 2	21°20	18°24	6°41	6° 5	10°53	9°29	7°56	8° 9	11°56	1°17	M24
T 25	2 15 22	2° 3'23	17°51	12°46	19°11	21°49	18°16	6°48	6° 9	10°52	9°28	7°57	8° 6	12° 2	1°23	T 25
W26	2 19 19	3° 3'17	29°52	14°19	20°20	22°19	18° 8	6°55	6°13	10°51	9°27	7°57	8° 3	12° 9	1°28	W26
T 27	2 23 15	4° 3'13	12♑ 4	15°51	21°29	22°49	18° 1	7° 2	6°16	10°49	9°26	7°58	8° 0	12°16	1°34	T 27
F 28	2 27 12	5° 3'11	24°32	17°23	22°38	23°20	17°54	7° 9	6°20	10°48	9°25	7°58	7°57	12°22	1°39	F 28
S 29	2 31 8	6° 3'11	7♒20	18°54	23°48	23°51	17°46	7°16	6°24	10°47	9°25	7°R58	7°54	12°29	1°44	S 29
S 30	2 35 5	7° 3'12	20°31	20°25	24°57	24°22	17°39	7°23	6°28	10°45	9°24	7°58	7°50	12°36	1°49	S 30
M31	2 39 1	8♏ 3'14	4♓ 7	21♏55	26♍ 7	24♒53	17♈32	7♎29	6♏31	10♊44	9♊23	7°D58	7♉47	12♏42	1♍54	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	3s17	25s29	5s 9	0n29	1n40	13n12	0s49	21s 7	4s 0	6n53	1s37	0n24	2n 8	12s40	0n27	20n34	1s35	10n40	11s22	14n18	14n38	14s38	6n25	5s49	S 1
S 2	3 40	22 13	5 13	0s17	1 36	12 56	0 44	20 57	3 56	6 50	1 37	0 21	2 8	12 41	0 27	20 34	1 35	10 40	11 23	14 17	14 37	14 41	6 22	5 49	S 2
M 3	4 3	17 38	4 59	1 4	1 32	12 40	0 38	20 48	3 53	6 47	1 37	0 18	2 8	12 43	0 27	20 34	1 35	10 40	11 23	14 16	14 36	14 44	6 20	5 50	M 3
T 4	4 27	11 56	4 27	1 50	1 27	12 24	0 33	20 38	3 49	6 44	1 37	0 15	2 8	12 44	0 27	20 34	1 35	10 40	11 23	14 15	14 35	14 47	6 17	5 50	T 4
W 5	4 50	5 27	3 37	2 36	1 22	12 7	0 28	20 28	3 45	6 41	1 37	0 12	2 8	12 45	0 27	20 34	1 35	10 39	11 23	14 13	14 34	14 50	6 14	5 50	W 5
T 6	5 13	1n29	2 30	3 23	1 17	11 50	0 23	20 18	3 41	6 38	1 37	0 10	2 8	12 46	0 27	20 34	1 35	10 39	11 23	14 12	14 33	14 52	6 12	5 50	T 6
F 7	5 36	8 25	1 13	4 8	1 12	11 32	0 18	20 8	3 37	6 35	1 37	0 7	2 8	12 47	0 27	20 34	1 35	10 39	11 23	14 12	14 31	14 55	6 9	5 51	F 7
S 8	5 59	14 54	0n 9	4 54	1 6	11 14	0 13	19 58	3 34	6 32	1 37	0 4	2 8	12 49	0 27	20 33	1 35	10 39	11 24	14 12	14 30	14 58	6 7	5 51	S 8
S 9	6 22	20 25	1 31	5 39	1 0	10 56	0 8	19 48	3 30	6 29	1 37	0 1	2 8	12 50	0 27	20 33	1 35	10 38	11 24	14 12	14 29	15 1	6 4	5 51	S 9
M10	6 44	24 35	2 45	6 24	0 54	10 37	0 3	19 37	3 26	6 26	1 37	0s 2	2 8	12 51	0 27	20 33	1 35	10 38	11 24	14 12	14 28	15 4	6 2	5 52	M10
T 11	7 7	27 5	3 46	7 8	0 48	10 17	0n 2	19 26	3 23	6 23	1 37	0 5	2 8	12 52	0 27	20 33	1 35	10 38	11 24	14 13	14 27	15 7	5 59	5 52	T 11
W12	7 30	27 46	4 33	7 52	0 41	9 58	0 7	19 16	3 19	6 20	1 37	0 7	2 8	12 53	0 27	20 33	1 35	10 38	11 24	14 13	14 26	15 10	5 57	5 52	W12
T 13	7 52	26 45	5 3	8 35	0 35	9 38	0 11	19 5	3 16	6 17	1 37	0 10	2 8	12 55	0 27	20 33	1 35	10 37	11 24	14 13	14 25	15 13	5 54	5 53	T 13
F 14	8 14	24 14	5 16	9 18	0 28	9 17	0 16	18 53	3 12	6 14	1 37	0 13	2 9	12 56	0 27	20 32	1 35	10 37	11 25	14 13	14 24	15 16	5 52	5 53	F 14
S 15	8 37	20 32	5 12	10 0	0 22	8 57	0 20	18 42	3 9	6 11	1 37	0 16	2 9	12 57	0 27	20 32	1 36	10 37	11 25	14 13	14 23	15 19	5 49	5 53	S 15
S 16	8 59	16 0	4 53	10 42	0 15	8 36	0 25	18 31	3 5	6 8	1 37	0 19	2 9	12 58	0 27	20 32	1 36	10 37	11 25	14 12	14 22	15 22	5 47	5 54	S 16
M17	9 21	10 52	4 21	11 23	0 8	8 14	0 29	18 19	3 2	6 5	1 37	0 21	2 9	13 0	0 27	20 32	1 36	10 36	11 25	14 11	14 21	15 25	5 44	5 54	M17
T 18	9 43	5 24	3 37	12 3	0 1	7 52	0 33	18 8	2 59	6 2	1 36	0 24	2 9	13 1	0 27	20 32	1 36	10 36	11 25	14 11	14 20	15 28	5 42	5 54	T 18
W19	10 5	0s12	2 44	12 43	0s 5	7 30	0 37	17 56	2 55	5 59	1 36	0 27	2 9	13 2	0 27	20 32	1 36	10 36	11 25	14 10	14 19	15 30	5 39	5 55	W19
T 20	10 26	5 44	1 44	13 22	0 12	7 8	0 41	17 44	2 52	5 56	1 36	0 30	2 9	13 3	0 27	20 31	1 36	10 36	11 25	14 10	14 18	15 33	5 37	5 55	T 20
F 21	10 48	11 3	0 41	14 0	0 19	6 45	0 45	17 32	2 49	5 53	1 36	0 32	2 9	13 5	0 27	20 31	1 36	10 35	11 26	14 10	14 17	15 36	5 35	5 56	F 21
S 22	11 9	15 57	0s25	14 37	0 26	6 22	0 49	17 19	2 45	5 50	1 36	0 35	2 9	13 6	0 27	20 31	1 36	10 35	11 26	14 10	14 16	15 39	5 32	5 56	S 22
S 23	11 30	20 16	1 29	15 14	0 33	5 59	0 53	17 7	2 42	5 47	1 36	0 38	2 9	13 7	0 27	20 31	1 36	10 35	11 26	14 10	14 15	15 42	5 30	5 56	S 23
M24	11 51	23 46	2 30	15 50	0 39	5 36	0 56	16 55	2 39	5 44	1 36	0 40	2 10	13 8	0 27	20 31	1 36	10 35	11 26	14 10	14 14	15 45	5 28	5 57	M24
T 25	12 12	26 17	3 24	16 25	0 46	5 12	1 0	16 42	2 36	5 41	1 36	0 43	2 10	13 10	0 27	20 30	1 36	10 34	11 26	14 10	14 13	15 48	5 25	5 57	T 25
W26	12 32	27 38	4 11	16 59	0 52	4 48	1 3	16 29	2 33	5 39	1 36	0 46	2 10	13 11	0 27	20 30	1 36	10 34	11 26	14 10	14 12	15 51	5 23	5 58	W26
T 27	12 53	27 39	4 46	17 32	0 59	4 24	1 6	16 16	2 30	5 36	1 35	0 48	2 10	13 12	0 27	20 30	1 36	10 34	11 26	14 10	14 11	15 54	5 21	5 58	T 27
F 28	13 13	26 18	5 9	18 5	1 5	3 59	1 10	16 4	2 27	5 33	1 35	0 51	2 10	13 13	0 27	20 30	1 36	10 34	11 26	14 10	14 10	15 56	5 18	5 59	F 28
S 29	13 33	23 34	5 18	18 36	1 12	3 35	1 13	15 50	2 24	5 31	1 35	0 53	2 10	13 15	0 27	20 30	1 36	10 34	11 26	14 11	14 9	15 59	5 16	5 59	S 29
S 30	13 53	19 34	5 10	19 7	1 18	3 10	1 16	15 37	2 21	5 28	1 35	0 56	2 10	13 16	0 27	20 29	1 36	10 33	11 27	14 11	14 8	16 2	5 14	5 59	S 30
M31	14s12	14s26	4s46	19s37	1s24	2n45	1n19	15s24	2s18	5n25	1s35	0s59	2n10	13s17	0n27	20n29	1s36	10n33	11s27	14n10	14n 7	16s 5	5n12	6s 0	M31

Julian Day Number = 2412372.5, Delta T = -4.63 sec
Ecliptic obliquity = 23°27'19, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°14'33, Lahiri = 22°21'33

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ASTRODIENST EPHEMERIS for the year 1892
geocentric

NOVEMBER 1892 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 42 58	9♏ 3'18	18♓11	23♏25	27♍17	25♒25	17°R25	7♎36	6♏35	10°R43	9°R22	7♉58	7♉44	12♏49	1♍59	T 1
W 2	2 46 55	10° 3'24	2♈41	24°54	28°27	25°57	17♈18	7°43	6°39	10♊41	9♊21	7°58	7°41	12°56	2° 4	W 2
T 3	2 50 51	11° 3'31	17°33	26°23	29°37	26°29	17°11	7°49	6°43	10°40	9°20	7°59	7°38	13° 2	2° 9	T 3
F 4	2 54 48	12° 3'40	2♉41	27°51	0♎48	27° 2	17° 5	7°56	6°46	10°38	9°19	7°R59	7°34	13° 9	2°13	F 4
S 5	2 58 44	13° 3'51	17°55	29°19	1°58	27°34	16°58	8° 2	6°50	10°37	9°18	7°59	7°31	13°16	2°18	S 5
S 6	3 2 41	14° 4'03	3♊ 7	0♐46	3° 9	28° 7	16°52	8° 9	6°54	10°36	9°17	7°58	7°28	13°22	2°22	S 6
M 7	3 6 37	15° 4'18	18° 6	2°13	4°20	28°40	16°45	8°15	6°58	10°34	9°16	7°58	7°25	13°29	2°27	M 7
T 8	3 10 34	16° 4'34	2♋45	3°39	5°31	29°13	16°39	8°22	7° 1	10°33	9°15	7°57	7°22	13°36	2°31	T 8
W 9	3 14 30	17° 4'53	16°58	5° 4	6°42	29°47	16°33	8°28	7° 5	10°31	9°14	7°56	7°19	13°42	2°35	W 9
T 10	3 18 27	18° 5'13	0♌45	6°29	7°53	0♓21	16°28	8°35	7° 9	10°29	9°13	7°55	7°15	13°49	2°39	T 10
F 11	3 22 24	19° 5'35	14° 4	7°53	9° 4	0°55	16°22	8°41	7°12	10°28	9°12	7°D54	7°12	13°55	2°43	F 11
S 12	3 26 20	20° 6'00	26°59	9°16	10°15	1°29	16°16	8°47	7°16	10°26	9°11	7°54	7° 9	14° 2	2°47	S 12
S 13	3 30 17	21° 6'26	9♍32	10°38	11°27	2° 3	16°11	8°53	7°20	10°25	9° 9	7°55	7° 6	14° 9	2°51	S 13
M14	3 34 13	22° 6'54	21°49	11°59	12°39	2°38	16° 6	8°59	7°24	10°23	9° 8	7°56	7° 3	14°15	2°55	M14
T 15	3 38 10	23° 7'24	3♎52	13°19	13°50	3°12	16° 1	9° 5	7°27	10°22	9° 7	7°58	7° 0	14°22	2°59	T 15
W16	3 42 6	24° 7'55	15°47	14°38	15° 2	3°47	15°56	9°11	7°31	10°20	9° 6	7°59	6°56	14°29	3° 2	W16
T 17	3 46 3	25° 8'28	27°36	15°56	16°14	4°22	15°52	9°17	7°35	10°18	9° 5	8° 0	6°53	14°35	3° 6	T 17
F 18	3 49 59	26° 9'03	9♏23	17°11	17°26	4°57	15°47	9°23	7°38	10°17	9° 4	8°R 0	6°50	14°42	3° 9	F 18
S 19	3 53 56	27° 9'40	21°10	18°25	18°38	5°33	15°43	9°29	7°42	10°15	9° 3	8° 0	6°47	14°49	3°12	S 19
S 20	3 57 53	28°10'18	3♐ 0	19°37	19°51	6° 8	15°39	9°35	7°45	10°13	9° 2	7°58	6°44	14°55	3°15	S 20
M21	4 1 49	29°10'58	14°54	20°47	21° 3	6°44	15°35	9°40	7°49	10°12	9° 1	7°55	6°40	15° 2	3°18	M21
T 22	4 5 46	0♐11'38	26°56	21°53	22°15	7°20	15°31	9°46	7°53	10°10	9° 0	7°52	6°37	15° 9	3°21	T 22
W23	4 9 42	1°12'21	9♑ 5	22°57	23°28	7°56	15°28	9°52	7°56	10° 8	8°58	7°48	6°34	15°15	3°24	W23
T 24	4 13 39	2°13'04	21°25	23°57	24°40	8°32	15°24	9°57	8° 0	10° 7	8°57	7°44	6°31	15°22	3°27	T 24
F 25	4 17 35	3°13'49	3♒58	24°54	25°53	9° 8	15°21	10° 3	8° 3	10° 5	8°56	7°40	6°28	15°29	3°29	F 25
S 26	4 21 32	4°14'34	16°46	25°45	27° 6	9°45	15°18	10° 8	8° 7	10° 3	8°55	7°38	6°25	15°35	3°32	S 26
S 27	4 25 29	5°15'21	29°53	26°32	28°19	10°21	15°16	10°13	8°10	10° 2	8°54	7°D37	6°21	15°42	3°34	S 27
M28	4 29 25	6°16'08	13♓20	27°13	29°32	10°58	15°13	10°18	8°13	10° 0	8°53	7°37	6°18	15°48	3°37	M28
T 29	4 33 22	7°16'56	27° 9	27°47	0♏44	11°35	15°11	10°23	8°17	9°58	8°52	7°38	6°15	15°55	3°39	T 29
W30	4 37 18	8♐17'45	11♈21	28♐14	1♏58	12♓12	15♈ 9	10♎29	8♏20	9♊57	8♊50	7♉39	6♉12	16♏ 2	3♍41	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s31	8s24	4s 3	20s 5	1s30	2n20	1n21	15s10	2s15	5n23	1s35	1s 1	2n11	13s18	0n27	20n29	1s36	10n33	11s27	14n11	14n 6	16s 8	5n10	6s 0
W 2	14 51	1 45	3 4	20 33	1 36	1 54	1 24	14 57	2 12	5 21	1 35	1 4	2 11	13 20	0 27	20 29	1 36	10 33	11 27	14 11	14 5	16 11	5 8	6 1
T 3	15 9	5n11	1 51	21 0	1 41	1 29	1 27	14 43	2 9	5 18	1 34	1 6	2 11	13 21	0 27	20 29	1 36	10 32	11 27	14 11	14 4	16 14	5 5	6 1
F 4	15 28	11 57	0 29	21 25	1 47	1 3	1 29	14 29	2 6	5 16	1 34	1 9	2 11	13 22	0 27	20 28	1 36	10 32	11 27	14 11	14 3	16 16	5 3	6 2
S 5	15 46	18 4	0n55	21 50	1 52	0 37	1 32	14 16	2 4	5 13	1 34	1 11	2 11	13 23	0 26	20 28	1 36	10 32	11 27	14 11	14 2	16 19	5 1	6 2
S 6	16 4	23 0	2 15	22 14	1 57	0 11	1 34	14 2	2 1	5 11	1 34	1 13	2 11	13 25	0 26	20 28	1 36	10 32	11 27	14 11	14 1	16 22	4 59	6 3
M 7	16 22	26 20	3 25	22 36	2 2	0s15	1 36	13 47	1 58	5 9	1 34	1 16	2 11	13 26	0 26	20 28	1 36	10 32	11 27	14 10	14 0	16 25	4 57	6 3
T 8	16 40	27 45	4 20	22 58	2 6	0 41	1 38	13 33	1 56	5 7	1 33	1 18	2 12	13 27	0 26	20 27	1 36	10 31	11 27	14 10	13 59	16 28	4 55	6 4
W 9	16 57	27 17	4 57	23 18	2 10	1 7	1 40	13 19	1 53	5 5	1 33	1 21	2 12	13 28	0 26	20 27	1 36	10 31	11 27	14 10	13 58	16 31	4 53	6 4
T 10	17 14	25 7	5 15	23 37	2 14	1 34	1 42	13 5	1 50	5 3	1 33	1 23	2 12	13 29	0 26	20 27	1 36	10 31	11 27	14 9	13 57	16 33	4 51	6 5
F 11	17 30	21 39	5 16	23 54	2 18	2 0	1 44	12 50	1 48	5 1	1 33	1 25	2 12	13 31	0 26	20 27	1 36	10 31	11 27	14 9	13 56	16 36	4 50	6 5
S 12	17 47	17 13	5 0	24 11	2 21	2 26	1 46	12 35	1 45	4 59	1 32	1 27	2 12	13 32	0 26	20 26	1 36	10 31	11 27	14 9	13 55	16 39	4 48	6 6
S 13	18 3	12 10	4 31	24 26	2 24	2 53	1 47	12 21	1 43	4 57	1 32	1 30	2 12	13 33	0 26	20 26	1 36	10 30	11 27	14 10	13 53	16 42	4 46	6 6
M14	18 19	6 45	3 49	24 40	2 27	3 20	1 49	12 6	1 40	4 55	1 32	1 32	2 13	13 34	0 26	20 26	1 36	10 30	11 28	14 10	13 52	16 45	4 44	6 7
T 15	18 34	1 11	2 58	24 53	2 29	3 46	1 50	11 51	1 38	4 54	1 32	1 34	2 13	13 35	0 26	20 26	1 36	10 30	11 28	14 10	13 51	16 48	4 42	6 7
W16	18 49	4s22	2 0	25 4	2 31	4 13	1 52	11 36	1 35	4 52	1 31	1 36	2 13	13 37	0 26	20 25	1 36	10 30	11 28	14 11	13 50	16 50	4 40	6 8
T 17	19 4	9 44	0 57	25 14	2 32	4 39	1 53	11 21	1 33	4 51	1 31	1 39	2 13	13 38	0 26	20 25	1 36	10 30	11 28	14 11	13 49	16 53	4 39	6 8
F 18	19 18	14 45	0s 8	25 23	2 33	5 6	1 54	11 6	1 30	4 49	1 31	1 41	2 13	13 39	0 26	20 25	1 36	10 29	11 28	14 11	13 48	16 56	4 37	6 9
S 19	19 32	19 13	1 12	25 30	2 33	5 32	1 55	10 51	1 28	4 48	1 31	1 43	2 14	13 40	0 26	20 25	1 36	10 29	11 28	14 11	13 47	16 59	4 35	6 9
S 20	19 46	22 57	2 14	25 35	2 33	5 59	1 56	10 36	1 26	4 46	1 30	1 45	2 14	13 41	0 26	20 25	1 36	10 29	11 28	14 10	13 46	17 2	4 34	6 10
M21	19 59	25 45	3 10	25 40	2 32	6 25	1 57	10 20	1 23	4 45	1 30	1 47	2 14	13 42	0 26	20 24	1 36	10 29	11 28	14 10	13 45	17 4	4 32	6 10
T 22	20 12	27 23	3 58	25 42	2 30	6 51	1 57	10 5	1 21	4 44	1 30	1 49	2 14	13 44	0 26	20 24	1 36	10 29	11 28	14 8	13 44	17 7	4 31	6 11
W23	20 25	27 44	4 36	25 44	2 28	7 18	1 58	9 49	1 19	4 43	1 30	1 51	2 14	13 45	0 26	20 24	1 36	10 29	11 28	14 7	13 43	17 10	4 29	6 12
T 24	20 37	26 43	5 2	25 43	2 24	7 44	1 58	9 34	1 17	4 42	1 29	1 53	2 15	13 46	0 26	20 24	1 36	10 28	11 28	14 6	13 42	17 13	4 28	6 12
F 25	20 49	24 21	5 13	25 42	2 20	8 10	1 59	9 18	1 15	4 41	1 29	1 55	2 15	13 47	0 26	20 23	1 36	10 28	11 28	14 5	13 41	17 16	4 26	6 13
S 26	21 0	20 44	5 10	25 38	2 15	8 36	1 59	9 2	1 12	4 40	1 29	1 57	2 15	13 48	0 26	20 23	1 36	10 28	11 28	14 4	13 40	17 18	4 25	6 13
S 27	21 11	16 3	4 51	25 33	2 9	9 1	1 59	8 46	1 10	4 39	1 28	1 59	2 15	13 49	0 26	20 23	1 36	10 28	11 28	14 4	13 39	17 21	4 23	6 14
M28	21 22	10 29	4 15	25 27	2 2	9 27	2 0	8 30	1 8	4 39	1 28	2 1	2 15	13 50	0 26	20 23	1 36	10 28	11 28	14 4	13 38	17 24	4 22	6 14
T 29	21 32	4 15	3 24	25 19	1 53	9 52	2 0	8 14	1 6	4 38	1 28	2 2	2 16	13 51	0 26	20 22	1 36	10 28	11 28	14 4	13 37	17 27	4 21	6 15
W30	21s42	2n21	2s19	25s10	1s43	10s18	2n 0	7s58	1s 4	4n37	1s28	2s 4	2n16	13s53	0n26	20n22	1s36	10n28	11s28	14n 4	13n36	17s29	4n20	6s15

Julian Day Number = 2412403.5, Delta T = -4.66 sec
Ecliptic obliquity = 23°27'19, Nutation = - 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°14'37, Lahiri = 22°21'38

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ASTRODIENST EPHEMERIS for the year 1892
geocentric

DECEMBER 1892 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 41 15	9♐18'36	25♈55	28♐33	3♏11	12♓49	15°R 7	10♎34	8♏24	9°R55	8°R49	7♉41	6♉ 9	16♏ 8	3♍43	T 1
F 2	4 45 11	10°19'27	10♉48	28°R42	4°24	13°26	15♈ 5	10°38	8°27	9♊53	8♊48	7°R41	6° 6	16°15	3°45	F 2
S 3	4 49 8	11°20'19	25°52	28°42	5°37	14° 3	15° 3	10°43	8°30	9°52	8°47	7°40	6° 2	16°22	3°46	S 3
S 4	4 53 4	12°21'12	11♊ 1	28°31	6°50	14°41	15° 2	10°48	8°34	9°50	8°46	7°37	5°59	16°28	3°48	S 4
M 5	4 57 1	13°22'06	26° 3	28°10	8° 4	15°18	15° 1	10°53	8°37	9°48	8°45	7°32	5°56	16°35	3°49	M 5
T 6	5 0 58	14°23'01	10♋50	27°37	9°17	15°56	15° 0	10°57	8°40	9°46	8°44	7°27	5°53	16°42	3°51	T 6
W 7	5 4 54	15°23'57	25°15	26°52	10°30	16°33	15° 0	11° 2	8°43	9°45	8°42	7°21	5°50	16°48	3°52	W 7
T 8	5 8 51	16°24'54	9♌12	25°57	11°44	17°11	14°59	11° 6	8°47	9°43	8°41	7°15	5°46	16°55	3°53	T 8
F 9	5 12 47	17°25'53	22°40	24°52	12°58	17°49	14°59	11°11	8°50	9°41	8°40	7°11	5°43	17° 2	3°54	F 9
S 10	5 16 44	18°26'52	5♍41	23°40	14°11	18°27	14°D59	11°15	8°53	9°40	8°39	7° 8	5°40	17° 8	3°55	S 10
S 11	5 20 40	19°27'53	18°17	22°21	15°25	19° 5	14°59	11°19	8°56	9°38	8°38	7°D 7	5°37	17°15	3°56	S 11
M12	5 24 37	20°28'54	0♎33	20°58	16°39	19°43	14°59	11°23	8°59	9°36	8°37	7° 8	5°34	17°22	3°57	M12
T 13	5 28 33	21°29'57	12°34	19°36	17°52	20°21	15° 0	11°27	9° 2	9°35	8°36	7° 9	5°31	17°28	3°57	T 13
W14	5 32 30	22°31'01	24°25	18°15	19° 6	20°59	15° 1	11°31	9° 5	9°33	8°35	7°10	5°27	17°35	3°58	W14
T 15	5 36 27	23°32'05	6♏12	16°59	20°20	21°38	15° 2	11°35	9° 8	9°31	8°33	7°R11	5°24	17°41	3°58	T 15
F 16	5 40 23	24°33'10	17°58	15°50	21°34	22°16	15° 3	11°39	9°11	9°30	8°32	7°10	5°21	17°48	3°58	F 16
S 17	5 44 20	25°34'17	29°47	14°49	22°48	22°54	15° 4	11°43	9°14	9°28	8°31	7° 8	5°18	17°55	3°58	S 17
S 18	5 48 16	26°35'24	11♐43	13°59	24° 2	23°33	15° 6	11°46	9°17	9°27	8°30	7° 2	5°15	18° 1	3°R58	S 18
M19	5 52 13	27°36'31	23°47	13°20	25°16	24°11	15° 8	11°50	9°20	9°25	8°29	6°55	5°12	18° 8	3°58	M19
T 20	5 56 9	28°37'39	6♑ 1	12°51	26°30	24°50	15°10	11°53	9°22	9°23	8°28	6°45	5° 8	18°15	3°58	T 20
W21	6 0 6	29°38'48	18°26	12°33	27°44	25°29	15°12	11°56	9°25	9°22	8°27	6°35	5° 5	18°21	3°58	W21
T 22	6 4 2	0♑39'57	1♒ 2	12°D26	28°58	26° 8	15°15	12° 0	9°28	9°20	8°26	6°25	5° 2	18°28	3°57	T 22
F 23	6 7 59	1°41'06	13°50	12°28	0♐13	26°47	15°17	12° 3	9°30	9°19	8°25	6°15	4°59	18°35	3°57	F 23
S 24	6 11 56	2°42'15	26°49	12°39	1°27	27°25	15°20	12° 6	9°33	9°17	8°24	6° 8	4°56	18°41	3°56	S 24
S 25	6 15 52	3°43'24	10♓ 2	12°59	2°41	28° 4	15°23	12° 9	9°36	9°16	8°23	6° 2	4°52	18°48	3°55	S 25
M26	6 19 49	4°44'33	23°28	13°26	3°55	28°43	15°27	12°11	9°38	9°14	8°22	6° 0	4°49	18°55	3°54	M26
T 27	6 23 45	5°45'42	7♈10	14° 0	5°10	29°22	15°30	12°14	9°41	9°13	8°21	5°D59	4°46	19° 1	3°53	T 27
W28	6 27 42	6°46'51	21° 7	14°40	6°24	0♈ 2	15°34	12°17	9°43	9°11	8°20	6° 0	4°43	19° 8	3°52	W28
T 29	6 31 38	7°48'00	5♉21	15°26	7°38	0°41	15°38	12°19	9°46	9°10	8°19	6°R 0	4°40	19°15	3°51	T 29
F 30	6 35 35	8°49'09	19°50	16°16	8°53	1°20	15°42	12°22	9°48	9° 8	8°18	5°59	4°37	19°21	3°49	F 30
S 31	6 39 31	9♑50'18	4♊31	17♐10	10♐ 7	1♈59	15♈46	12♎24	9♏50	9♊ 7	8♊17	5♉56	4♉33	19♏28	3♍48	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	lat
T 1	21s52	9n 2	1s 4	24s59	1s32	10s43	1n59	7s42	1s 2	4n37	1s27	2s 6	2n16	13s54	0n26	20n22	1s36	10n27	11s28	14n 5	13n35	17s32	4n18	6s16
F 2	22 1	15 21	0n17	24 46	1 19	11 7	1 59	7 26	1 0	4 37	1 27	2 8	2 16	13 55	0 26	20 22	1 36	10 27	11 27	14 5	13 34	17 35	4 17	6 17
S 3	22 9	20 49	1 38	24 32	1 5	11 32	1 59	7 10	0 58	4 36	1 27	2 9	2 16	13 56	0 27	20 21	1 36	10 27	11 27	14 5	13 33	17 38	4 16	6 17
S 4	22 17	24 57	2 52	24 17	0 50	11 56	1 58	6 54	0 56	4 36	1 26	2 11	2 17	13 57	0 27	20 21	1 36	10 27	11 27	14 4	13 32	17 40	4 15	6 18
M 5	22 25	27 17	3 54	24 0	0 33	12 21	1 58	6 38	0 54	4 36	1 26	2 13	2 17	13 58	0 27	20 21	1 36	10 27	11 27	14 2	13 30	17 43	4 14	6 18
T 6	22 32	27 38	4 38	23 41	0 15	12 45	1 57	6 21	0 52	4 36	1 26	2 14	2 17	13 59	0 27	20 21	1 36	10 27	11 27	14 0	13 29	17 46	4 13	6 19
W 7	22 39	26 5	5 4	23 21	0n 4	13 8	1 57	6 5	0 50	4 36	1 25	2 16	2 17	14 0	0 27	20 20	1 36	10 27	11 27	13 58	13 28	17 49	4 12	6 19
T 8	22 46	22 57	5 11	23 0	0 24	13 32	1 56	5 48	0 48	4 36	1 25	2 17	2 18	14 1	0 27	20 20	1 36	10 27	11 27	13 57	13 27	17 51	4 11	6 20
F 9	22 52	18 41	5 0	22 38	0 44	13 55	1 55	5 32	0 47	4 36	1 25	2 19	2 18	14 2	0 27	20 20	1 36	10 27	11 27	13 55	13 26	17 54	4 10	6 21
S 10	22 57	13 40	4 33	22 14	1 4	14 17	1 54	5 16	0 45	4 36	1 24	2 20	2 18	14 3	0 27	20 20	1 36	10 27	11 27	13 54	13 25	17 57	4 9	6 21
S 11	23 2	8 14	3 54	21 51	1 24	14 40	1 53	4 59	0 43	4 37	1 24	2 22	2 18	14 4	0 27	20 19	1 36	10 26	11 27	13 54	13 24	18 0	4 8	6 22
M12	23 7	2 37	3 6	21 27	1 42	15 2	1 52	4 42	0 41	4 37	1 24	2 23	2 19	14 5	0 27	20 19	1 36	10 26	11 27	13 54	13 23	18 2	4 8	6 22
T 13	23 11	2s59	2 10	21 4	2 0	15 24	1 51	4 26	0 39	4 38	1 24	2 24	2 19	14 6	0 27	20 19	1 36	10 26	11 27	13 54	13 22	18 5	4 7	6 23
W14	23 15	8 24	1 9	20 42	2 15	15 45	1 50	4 9	0 38	4 38	1 23	2 26	2 19	14 7	0 27	20 19	1 36	10 26	11 27	13 55	13 21	18 8	4 6	6 23
T 15	23 18	13 31	0 5	20 22	2 28	16 6	1 48	3 52	0 36	4 39	1 23	2 27	2 19	14 8	0 27	20 19	1 36	10 26	11 27	13 55	13 20	18 10	4 6	6 24
F 16	23 21	18 7	0s58	20 4	2 39	16 27	1 47	3 36	0 34	4 40	1 23	2 28	2 20	14 9	0 27	20 18	1 36	10 26	11 26	13 55	13 19	18 13	4 5	6 24
S 17	23 23	22 3	1 59	19 49	2 47	16 47	1 46	3 19	0 33	4 41	1 22	2 29	2 20	14 10	0 27	20 18	1 36	10 26	11 26	13 54	13 18	18 16	4 4	6 25
S 18	23 25	25 6	2 55	19 37	2 54	17 7	1 44	3 2	0 31	4 42	1 22	2 30	2 20	14 10	0 27	20 18	1 36	10 26	11 26	13 52	13 17	18 18	4 4	6 26
M19	23 26	27 2	3 44	19 29	2 57	17 26	1 42	2 46	0 29	4 43	1 22	2 32	2 20	14 11	0 27	20 18	1 36	10 26	11 26	13 50	13 16	18 21	4 3	6 26
T 20	23 27	27 42	4 23	19 23	2 59	17 45	1 41	2 29	0 28	4 44	1 21	2 33	2 21	14 12	0 27	20 17	1 36	10 26	11 26	13 47	13 15	18 24	4 3	6 27
W21	23 27	26 59	4 50	19 21	2 59	18 4	1 39	2 12	0 26	4 45	1 21	2 34	2 21	14 13	0 27	20 17	1 36	10 26	11 26	13 43	13 14	18 26	4 3	6 27
T 22	23 27	24 53	5 4	19 22	2 58	18 22	1 37	1 55	0 25	4 46	1 21	2 35	2 21	14 14	0 27	20 17	1 36	10 26	11 26	13 40	13 12	18 29	4 2	6 28
F 23	23 27	21 31	5 3	19 25	2 55	18 39	1 36	1 38	0 23	4 47	1 20	2 36	2 21	14 15	0 27	20 17	1 36	10 26	11 26	13 37	13 11	18 32	4 2	6 28
S 24	23 26	17 3	4 46	19 31	2 51	18 56	1 34	1 21	0 22	4 49	1 20	2 37	2 22	14 16	0 27	20 17	1 36	10 26	11 25	13 34	13 10	18 35	4 2	6 29
S 25	23 24	11 43	4 14	19 38	2 45	19 13	1 32	1 4	0 20	4 50	1 20	2 37	2 22	14 16	0 27	20 16	1 36	10 26	11 25	13 33	13 9	18 37	4 2	6 29
M26	23 22	5 46	3 27	19 48	2 39	19 29	1 30	0 48	0 19	4 52	1 19	2 38	2 22	14 17	0 27	20 16	1 36	10 26	11 25	13 32	13 8	18 40	4 1	6 30
T 27	23 20	0n35	2 28	19 58	2 33	19 44	1 28	0 31	0 17	4 53	1 19	2 39	2 22	14 18	0 27	20 16	1 36	10 26	11 25	13 32	13 7	18 43	4 1	6 30
W28	23 17	7 2	1 19	20 10	2 25	19 59	1 26	0 14	0 16	4 55	1 19	2 40	2 23	14 19	0 27	20 16	1 36	10 26	11 25	13 32	13 6	18 45	4 1	6 31
T 29	23 14	13 16	0 3	20 23	2 18	20 14	1 23	0n 3	0 14	4 57	1 19	2 41	2 23	14 20	0 27	20 16	1 36	10 26	11 25	13 32	13 5	18 48	4 1	6 31
F 30	23 10	18 53	1n13	20 36	2 10	20 27	1 21	0 20	0 13	4 59	1 18	2 41	2 23	14 20	0 27	20 15	1 36	10 26	11 25	13 32	13 4	18 50	4 1	6 32
S 31	23s 5	23n27	2n26	20s49	2n 1	20s41	1n19	0n37	0s12	5n 0	1s18	2s42	2n24	14s21	0n27	20n15	1s36	10n26	11s24	13n31	13n 3	18s53	4n 1	6s32

Julian Day Number = 2412433.5, Delta T = -4.68 sec
Ecliptic obliquity = 23°27'19, Nutation = - 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°14'41, Lahiri = 22°21'42

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ASTRODIENST EPHEMERIS for the year 1893
geocentric

JANUARY 1893 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 43 28	10♑51'26	19♊19	18♐ 9	11♐21	2♈38	15♈50	12♎26	9♏53	9°R 5	8°R16	5°R51	4♉30	19♏35	3°R46	S 1
M 2	6 47 25	11°52'35	4♋ 5	19°10	12°36	3°18	15°55	12°28	9°55	9♊ 4	8♊15	5♉42	4°27	19°41	3♍45	M 2
T 3	6 51 21	12°53'43	18°43	20°15	13°50	3°57	16° 0	12°30	9°57	9° 3	8°14	5°32	4°24	19°48	3°43	T 3
W 4	6 55 18	13°54'51	3♌ 4	21°22	15° 5	4°36	16° 5	12°32	9°59	9° 1	8°13	5°20	4°21	19°54	3°41	W 4
T 5	6 59 14	14°56'00	17° 2	22°32	16°19	5°16	16°10	12°34	10° 1	9° 0	8°12	5° 9	4°18	20° 1	3°39	T 5
F 6	7 3 11	15°57'08	0♍35	23°44	17°34	5°55	16°15	12°36	10° 3	8°59	8°11	5° 0	4°14	20° 8	3°37	F 6
S 7	7 7 7	16°58'16	13°40	24°58	18°48	6°35	16°21	12°37	10° 5	8°58	8°11	4°53	4°11	20°14	3°35	S 7
S 8	7 11 4	17°59'24	26°21	26°13	20° 3	7°14	16°26	12°39	10° 7	8°56	8°10	4°48	4° 8	20°21	3°32	S 8
M 9	7 15 1	19° 0'32	8♎40	27°30	21°18	7°54	16°32	12°40	10° 9	8°55	8° 9	4°46	4° 5	20°28	3°30	M 9
T 10	7 18 57	20° 1'40	20°43	28°49	22°32	8°33	16°38	12°41	10°11	8°54	8° 8	4°D46	4° 2	20°34	3°27	T 10
W11	7 22 54	21° 2'49	2♏36	0♑ 9	23°47	9°13	16°44	12°43	10°13	8°53	8° 7	4°R46	3°58	20°41	3°25	W11
T 12	7 26 50	22° 3'57	14°23	1°30	25° 1	9°52	16°51	12°44	10°15	8°52	8° 6	4°46	3°55	20°48	3°22	T 12
F 13	7 30 47	23° 5'05	26°10	2°52	26°16	10°32	16°57	12°45	10°17	8°50	8° 6	4°44	3°52	20°54	3°19	F 13
S 14	7 34 43	24° 6'12	8♐ 2	4°15	27°31	11°12	17° 4	12°45	10°18	8°49	8° 5	4°39	3°49	21° 1	3°16	S 14
S 15	7 38 40	25° 7'20	20° 4	5°39	28°45	11°51	17°11	12°46	10°20	8°48	8° 4	4°32	3°46	21° 8	3°14	S 15
M16	7 42 36	26° 8'27	2♑17	7° 3	0♑ 0	12°31	17°18	12°47	10°21	8°47	8° 3	4°22	3°43	21°14	3°10	M16
T 17	7 46 33	27° 9'34	14°45	8°29	1°15	13°11	17°25	12°47	10°23	8°46	8° 3	4° 9	3°39	21°21	3° 7	T 17
W18	7 50 30	28°10'40	27°27	9°55	2°29	13°50	17°32	12°48	10°24	8°45	8° 2	3°55	3°36	21°28	3° 4	W18
T 19	7 54 26	29°11'45	10♒24	11°23	3°44	14°30	17°40	12°48	10°26	8°44	8° 1	3°41	3°33	21°34	3° 1	T 19
F 20	7 58 23	0♒12'50	23°33	12°51	4°59	15°10	17°48	12°48	10°27	8°43	8° 1	3°28	3°30	21°41	2°57	F 20
S 21	8 2 19	1°13'54	6♓55	14°19	6°14	15°50	17°55	12°R48	10°29	8°42	8° 0	3°18	3°27	21°48	2°54	S 21
S 22	8 6 16	2°14'57	20°26	15°49	7°28	16°29	18° 3	12°48	10°30	8°42	8° 0	3°10	3°24	21°54	2°50	S 22
M23	8 10 12	3°15'58	4♈ 5	17°19	8°43	17° 9	18°12	12°48	10°31	8°41	7°59	3° 5	3°20	22° 1	2°47	M23
T 24	8 14 9	4°16'59	17°53	18°49	9°58	17°49	18°20	12°48	10°32	8°40	7°58	3° 3	3°17	22° 8	2°43	T 24
W25	8 18 5	5°17'59	1♉49	20°21	11°13	18°29	18°28	12°48	10°33	8°39	7°58	3° 3	3°14	22°14	2°39	W25
T 26	8 22 2	6°18'57	15°52	21°53	12°27	19° 9	18°37	12°47	10°34	8°38	7°57	3° 3	3°11	22°21	2°35	T 26
F 27	8 25 59	7°19'55	0♊ 3	23°25	13°42	19°48	18°46	12°47	10°35	8°38	7°57	3° 2	3° 8	22°27	2°31	F 27
S 28	8 29 55	8°20'51	14°20	24°59	14°57	20°28	18°54	12°46	10°36	8°37	7°56	2°58	3° 4	22°34	2°27	S 28
S 29	8 33 52	9°21'46	28°40	26°33	16°12	21° 8	19° 3	12°45	10°37	8°36	7°56	2°52	3° 1	22°41	2°23	S 29
M30	8 37 48	10°22'40	13♋ 0	28° 8	17°26	21°48	19°13	12°44	10°38	8°36	7°55	2°42	2°58	22°47	2°19	M30
T 31	8 41 45	11♒23'32	27♋13	29♑43	18♑41	22♈28	19♈22	12♎43	10♏39	8♊35	7♊55	2♉31	2♉55	22♏54	2♍15	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 1	26n30	3n29	21s 3	1n53	20s53	1n17	0n54	0s10	5n 2	1s18	2s43	2n24	14s22	0n27	20n15	1s36	10n26	11s24	13n29	13n 2	18s56	4n 1	6s33
M 2	22 55	27 42	4 18	21 17	1 44	21 6	1 14	1 11	0 9	5 4	1 17	2 43	2 24	14 22	0 27	20 15	1 36	10 26	11 24	13 26	13 1	18 58	4 2	6 33
T 3	22 50	26 56	4 50	21 31	1 35	21 17	1 12	1 27	0 7	5 7	1 17	2 44	2 24	14 23	0 27	20 15	1 36	10 26	11 24	13 22	13 0	19 1	4 2	6 34
W 4	22 44	24 23	5 2	21 44	1 27	21 28	1 10	1 44	0 6	5 9	1 17	2 44	2 25	14 24	0 27	20 15	1 36	10 26	11 24	13 19	12 59	19 4	4 2	6 34
T 5	22 37	20 26	4 56	21 57	1 18	21 38	1 7	2 1	0 5	5 11	1 17	2 45	2 25	14 24	0 27	20 14	1 36	10 26	11 23	13 15	12 58	19 6	4 2	6 35
F 6	22 30	15 32	4 33	22 10	1 9	21 48	1 5	2 18	0 4	5 13	1 16	2 45	2 25	14 25	0 27	20 14	1 35	10 26	11 23	13 12	12 56	19 9	4 3	6 35
S 7	22 23	10 4	3 57	22 21	1 0	21 57	1 2	2 35	0 2	5 16	1 16	2 45	2 26	14 26	0 27	20 14	1 35	10 26	11 23	13 9	12 55	19 11	4 3	6 35
S 8	22 15	4 21	3 9	22 33	0 51	22 5	1 0	2 51	0 1	5 18	1 16	2 46	2 26	14 26	0 27	20 14	1 35	10 26	11 23	13 8	12 54	19 14	4 4	6 36
M 9	22 6	1s23	2 14	22 43	0 43	22 13	0 57	3 8	0n 0	5 21	1 15	2 46	2 26	14 27	0 27	20 14	1 35	10 26	11 23	13 7	12 53	19 17	4 4	6 36
T 10	21 58	6 57	1 14	22 53	0 34	22 20	0 55	3 25	0 1	5 23	1 15	2 46	2 26	14 27	0 27	20 14	1 35	10 26	11 22	13 7	12 52	19 19	4 5	6 37
W11	21 48	12 12	0 12	23 1	0 26	22 27	0 52	3 42	0 3	5 26	1 15	2 46	2 27	14 28	0 27	20 14	1 35	10 26	11 22	13 7	12 51	19 22	4 5	6 37
T 12	21 39	16 58	0s51	23 9	0 18	22 32	0 49	3 58	0 4	5 29	1 15	2 46	2 27	14 29	0 27	20 13	1 35	10 27	11 22	13 7	12 50	19 24	4 6	6 37
F 13	21 29	21 6	1 51	23 16	0 9	22 38	0 47	4 15	0 5	5 31	1 14	2 47	2 27	14 29	0 27	20 13	1 35	10 27	11 22	13 6	12 49	19 27	4 6	6 38
S 14	21 18	24 24	2 47	23 22	0 1	22 42	0 44	4 31	0 6	5 34	1 14	2 47	2 28	14 30	0 27	20 13	1 35	10 27	11 22	13 5	12 48	19 30	4 7	6 38
S 15	21 7	26 40	3 35	23 27	0s 6	22 46	0 41	4 48	0 7	5 37	1 14	2 47	2 28	14 30	0 27	20 13	1 35	10 27	11 21	13 2	12 47	19 32	4 8	6 38
M16	20 56	27 41	4 15	23 30	0 14	22 49	0 39	5 4	0 8	5 40	1 13	2 47	2 28	14 31	0 27	20 13	1 35	10 27	11 21	12 59	12 46	19 35	4 9	6 39
T 17	20 44	27 20	4 43	23 33	0 22	22 51	0 36	5 21	0 9	5 43	1 13	2 47	2 28	14 31	0 27	20 13	1 35	10 27	11 21	12 55	12 45	19 37	4 9	6 39
W18	20 32	25 33	4 58	23 34	0 29	22 53	0 33	5 37	0 10	5 46	1 13	2 46	2 29	14 31	0 27	20 13	1 35	10 27	11 21	12 50	12 44	19 40	4 10	6 39
T 19	20 20	22 25	4 58	23 34	0 36	22 54	0 30	5 54	0 12	5 49	1 13	2 46	2 29	14 32	0 27	20 13	1 35	10 27	11 21	12 45	12 42	19 43	4 11	6 40
F 20	20 7	18 6	4 42	23 33	0 43	22 54	0 28	6 10	0 13	5 52	1 12	2 46	2 29	14 32	0 27	20 13	1 35	10 27	11 20	12 41	12 41	19 45	4 12	6 40
S 21	19 54	12 51	4 11	23 30	0 49	22 54	0 25	6 26	0 14	5 56	1 12	2 46	2 30	14 33	0 27	20 12	1 35	10 28	11 20	12 37	12 40	19 48	4 13	6 40
S 22	19 40	6 56	3 25	23 27	0 56	22 53	0 22	6 43	0 15	5 59	1 12	2 46	2 30	14 33	0 27	20 12	1 35	10 28	11 20	12 35	12 39	19 50	4 14	6 41
M23	19 26	0 37	2 27	23 22	1 2	22 51	0 19	6 59	0 16	6 2	1 12	2 45	2 30	14 33	0 27	20 12	1 35	10 28	11 20	12 33	12 38	19 53	4 15	6 41
T 24	19 12	5n48	1 19	23 15	1 8	22 48	0 17	7 15	0 17	6 6	1 11	2 45	2 30	14 34	0 27	20 12	1 35	10 28	11 19	12 32	12 37	19 55	4 16	6 41
W25	18 57	12 0	0 7	23 8	1 14	22 45	0 14	7 31	0 18	6 9	1 11	2 45	2 31	14 34	0 27	20 12	1 35	10 28	11 19	12 32	12 36	19 58	4 17	6 41
T 26	18 42	17 40	1n 7	22 59	1 19	22 41	0 11	7 47	0 19	6 12	1 11	2 44	2 31	14 34	0 27	20 12	1 35	10 28	11 19	12 32	12 35	20 0	4 18	6 42
F 27	18 27	22 25	2 17	22 49	1 24	22 37	0 8	8 3	0 20	6 16	1 11	2 44	2 31	14 35	0 27	20 12	1 34	10 29	11 19	12 32	12 34	20 3	4 20	6 42
S 28	18 11	25 50	3 20	22 37	1 29	22 31	0 6	8 19	0 21	6 20	1 10	2 43	2 32	14 35	0 27	20 12	1 34	10 29	11 18	12 31	12 33	20 5	4 21	6 42
S 29	17 55	27 36	4 9	22 24	1 34	22 25	0 3	8 35	0 21	6 23	1 10	2 43	2 32	14 35	0 27	20 12	1 34	10 29	11 18	12 28	12 32	20 8	4 22	6 42
M30	17 39	27 31	4 43	22 10	1 38	22 19	0 0	8 51	0 22	6 27	1 10	2 42	2 32	14 35	0 27	20 12	1 34	10 29	11 18	12 25	12 31	20 10	4 23	6 42
T 31	17s22	25n37	4n59	21s54	1s43	22s11	0s 2	9n 7	0n23	6n31	1s10	2s41	2n32	14s36	0n27	20n12	1s34	10n29	11s18	12n21	12n29	20s13	4n25	6s42

Julian Day Number = 2412464.5, Delta T = -4.71 sec
Ecliptic obliquity = 23°27'18, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°14'46, Lahiri = 22°21'46

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ASTRODIENST EPHEMERIS for the year 1893
geocentric

FEBRUARY 1893 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 45 41	12♒24'24	11♌14	1♒19	19♉56	23♈ 8	19♈31	12°R42	10♏39	8°R34	7°R54	2°R18	2♉52	23♏ 1	2°R11	W 1
T 2	8 49 38	13°25'14	24°59	2°56	21°11	23°48	19°41	12♎41	10°40	8♊34	7♊54	2♉ 6	2°49	23° 7	2♍ 6	T 2
F 3	8 53 34	14°26'03	8♍23	4°33	22°25	24°27	19°50	12°40	10°41	8°33	7°54	1°55	2°45	23°14	2° 2	F 3
S 4	8 57 31	15°26'51	21°24	6°12	23°40	25° 7	20° 0	12°38	10°41	8°33	7°53	1°46	2°42	23°21	1°58	S 4
S 5	9 1 28	16°27'38	4♎ 5	7°51	24°55	25°47	20°10	12°37	10°42	8°33	7°53	1°41	2°39	23°27	1°53	S 5
M 6	9 5 24	17°28'23	16°25	9°31	26°10	26°27	20°20	12°35	10°42	8°32	7°53	1°38	2°36	23°34	1°49	M 6
T 7	9 9 21	18°29'08	28°30	11°11	27°24	27° 7	20°30	12°33	10°43	8°32	7°52	1°D37	2°33	23°41	1°44	T 7
W 8	9 13 17	19°29'52	10♏24	12°53	28°39	27°47	20°40	12°32	10°43	8°31	7°52	1°37	2°30	23°47	1°40	W 8
T 9	9 17 14	20°30'35	22°13	14°35	29°54	28°26	20°51	12°30	10°43	8°31	7°52	1°R37	2°26	23°54	1°35	T 9
F 10	9 21 10	21°31'17	4♐ 2	16°18	1♒ 9	29° 6	21° 1	12°28	10°43	8°31	7°52	1°36	2°23	24° 1	1°31	F 10
S 11	9 25 7	22°31'57	15°56	18° 2	2°24	29°46	21°12	12°26	10°43	8°31	7°51	1°33	2°20	24° 7	1°26	S 11
S 12	9 29 3	23°32'37	28° 1	19°47	3°38	0♉26	21°22	12°23	10°44	8°30	7°51	1°28	2°17	24°14	1°21	S 12
M13	9 33 0	24°33'15	10♉20	21°32	4°53	1° 6	21°33	12°21	10°R44	8°30	7°51	1°20	2°14	24°21	1°17	M13
T 14	9 36 57	25°33'53	22°57	23°19	6° 8	1°46	21°44	12°19	10°44	8°30	7°51	1°10	2°10	24°27	1°12	T 14
W15	9 40 53	26°34'28	5♒52	25° 6	7°23	2°25	21°55	12°16	10°44	8°30	7°51	0°59	2° 7	24°34	1° 7	W15
T 16	9 44 50	27°35'03	19° 7	26°54	8°38	3° 5	22° 6	12°14	10°43	8°30	7°51	0°47	2° 4	24°41	1° 3	T 16
F 17	9 48 46	28°35'35	2♓39	28°43	9°52	3°45	22°17	12°11	10°43	8°D30	7°51	0°37	2° 1	24°47	0°58	F 17
S 18	9 52 43	29°36'06	16°26	0♓33	11° 7	4°25	22°29	12° 8	10°43	8°30	7°50	0°28	1°58	24°54	0°53	S 18
S 19	9 56 39	0♓36'36	0♈23	2°24	12°22	5° 5	22°40	12° 5	10°43	8°30	7°50	0°21	1°55	25° 1	0°48	S 19
M20	10 0 36	1°37'04	14°27	4°15	13°37	5°45	22°52	12° 2	10°42	8°30	7°D50	0°18	1°51	25° 7	0°43	M20
T 21	10 4 32	2°37'29	28°35	6° 7	14°51	6°24	23° 3	11°59	10°42	8°30	7°50	0°D17	1°48	25°14	0°39	T 21
W22	10 8 29	3°37'53	12♉44	8° 0	16° 6	7° 4	23°15	11°56	10°42	8°30	7°50	0°17	1°45	25°21	0°34	W22
T 23	10 12 26	4°38'15	26°52	9°53	17°21	7°44	23°27	11°53	10°41	8°31	7°51	0°18	1°42	25°27	0°29	T 23
F 24	10 16 22	5°38'35	10♊58	11°47	18°36	8°24	23°38	11°50	10°41	8°31	7°51	0°R18	1°39	25°34	0°25	F 24
S 25	10 20 19	6°38'54	25° 2	13°41	19°50	9° 3	23°50	11°47	10°40	8°31	7°51	0°17	1°36	25°40	0°20	S 25
S 26	10 24 15	7°39'10	9♋ 1	15°35	21° 5	9°43	24° 2	11°43	10°39	8°31	7°51	0°13	1°32	25°47	0°15	S 26
M27	10 28 12	8°39'24	22°54	17°29	22°20	10°23	24°15	11°40	10°39	8°32	7°51	0° 7	1°29	25°54	0°10	M27
T 28	10 32 8	9♓39'36	6♌39	19♓23	23♒34	11♉ 3	24♈27	11♎36	10♏38	8♊32	7♊51	29♈59	1♉26	26♏ 0	0♍ 6	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s 5	22n10	4n57	21s37	1s46	22s 3	0s 5	9n22	0n24	6n34	1s 9	2s41	2n33	14s36	0n27	20n12	1s34	10n29	11s17	12n17	12n28	20s15	4n26	6s43
T 2	16 48	17 33	4 37	21 18	1 50	21 55	0 8	9 38	0 25	6 38	1 9	2 40	2 33	14 36	0 27	20 12	1 34	10 30	11 17	12 13	12 27	20 18	4 28	6 43
F 3	16 31	12 11	4 3	20 58	1 53	21 45	0 10	9 53	0 26	6 42	1 9	2 39	2 33	14 36	0 27	20 12	1 34	10 30	11 17	12 9	12 26	20 20	4 29	6 43
S 4	16 13	6 24	3 16	20 36	1 56	21 36	0 13	10 9	0 27	6 46	1 9	2 38	2 33	14 36	0 27	20 12	1 34	10 30	11 17	12 6	12 25	20 23	4 30	6 43
S 5	15 55	0 32	2 21	20 13	1 58	21 25	0 15	10 24	0 28	6 50	1 8	2 38	2 34	14 37	0 27	20 12	1 34	10 30	11 16	12 4	12 24	20 25	4 32	6 43
M 6	15 36	5s14	1 20	19 49	2 0	21 14	0 18	10 39	0 29	6 54	1 8	2 37	2 34	14 37	0 27	20 12	1 34	10 30	11 16	12 3	12 23	20 28	4 33	6 43
T 7	15 18	10 42	0 16	19 23	2 2	21 2	0 21	10 54	0 29	6 58	1 8	2 36	2 34	14 37	0 27	20 12	1 34	10 31	11 16	12 2	12 22	20 30	4 35	6 43
W 8	14 59	15 41	0s47	18 56	2 4	20 49	0 23	11 10	0 30	7 2	1 8	2 35	2 35	14 37	0 27	20 12	1 34	10 31	11 16	12 3	12 21	20 33	4 36	6 43
T 9	14 40	20 4	1 47	18 27	2 5	20 36	0 26	11 25	0 31	7 6	1 8	2 34	2 35	14 37	0 27	20 12	1 34	10 31	11 15	12 3	12 20	20 35	4 38	6 43
F 10	14 20	23 39	2 43	17 57	2 5	20 22	0 28	11 39	0 32	7 10	1 7	2 33	2 35	14 37	0 27	20 12	1 34	10 31	11 15	12 2	12 19	20 38	4 40	6 43
S 11	14 1	26 14	3 33	17 26	2 5	20 8	0 30	11 54	0 33	7 14	1 7	2 32	2 35	14 37	0 27	20 12	1 34	10 32	11 15	12 1	12 17	20 40	4 41	6 43
S 12	13 41	27 40	4 13	16 52	2 5	19 53	0 33	12 9	0 33	7 18	1 7	2 31	2 36	14 37	0 27	20 12	1 34	10 32	11 14	12 0	12 16	20 43	4 43	6 43
M13	13 21	27 45	4 43	16 18	2 5	19 38	0 35	12 24	0 34	7 23	1 7	2 30	2 36	14 37	0 27	20 12	1 34	10 32	11 14	11 57	12 15	20 45	4 45	6 43
T 14	13 0	26 26	5 0	15 42	2 3	19 21	0 37	12 38	0 35	7 27	1 6	2 28	2 36	14 37	0 27	20 12	1 33	10 32	11 14	11 53	12 14	20 48	4 46	6 43
W15	12 40	23 41	5 2	15 4	2 2	19 5	0 40	12 53	0 35	7 31	1 6	2 27	2 36	14 37	0 28	20 12	1 33	10 33	11 14	11 49	12 13	20 50	4 48	6 43
T 16	12 19	19 39	4 48	14 26	2 0	18 48	0 42	13 7	0 36	7 35	1 6	2 26	2 36	14 37	0 28	20 12	1 33	10 33	11 13	11 45	12 12	20 52	4 50	6 43
F 17	11 58	14 32	4 18	13 45	1 57	18 30	0 44	13 21	0 37	7 40	1 6	2 25	2 37	14 37	0 28	20 12	1 33	10 33	11 13	11 42	12 11	20 55	4 52	6 42
S 18	11 37	8 37	3 32	13 4	1 54	18 12	0 46	13 35	0 38	7 44	1 6	2 24	2 37	14 37	0 28	20 12	1 33	10 33	11 13	11 39	12 10	20 57	4 53	6 42
S 19	11 16	2 11	2 33	12 21	1 50	17 53	0 48	13 50	0 38	7 49	1 5	2 22	2 37	14 37	0 28	20 12	1 33	10 34	11 13	11 36	12 9	21 0	4 55	6 42
M20	10 54	4n25	1 24	11 36	1 46	17 33	0 51	14 3	0 39	7 53	1 5	2 21	2 37	14 37	0 28	20 12	1 33	10 34	11 12	11 35	12 8	21 2	4 57	6 42
T 21	10 33	10 50	0 9	10 50	1 41	17 14	0 53	14 17	0 40	7 58	1 5	2 19	2 38	14 36	0 28	20 12	1 33	10 34	11 12	11 35	12 7	21 4	4 59	6 42
W22	10 11	16 43	1n 6	10 3	1 36	16 53	0 54	14 31	0 40	8 2	1 5	2 18	2 38	14 36	0 28	20 12	1 33	10 34	11 12	11 35	12 5	21 7	5 1	6 42
T 23	9 49	21 42	2 18	9 15	1 30	16 32	0 56	14 45	0 41	8 7	1 5	2 17	2 38	14 36	0 28	20 12	1 33	10 35	11 11	11 35	12 4	21 9	5 3	6 41
F 24	9 27	25 25	3 20	8 26	1 23	16 11	0 58	14 58	0 42	8 11	1 5	2 15	2 38	14 36	0 28	20 13	1 33	10 35	11 11	11 35	12 3	21 12	5 4	6 41
S 25	9 5	27 32	4 11	7 36	1 16	15 50	1 0	15 12	0 42	8 16	1 4	2 14	2 38	14 36	0 28	20 13	1 33	10 35	11 11	11 35	12 2	21 14	5 6	6 41
S 26	8 42	27 54	4 46	6 44	1 9	15 27	1 2	15 25	0 43	8 20	1 4	2 12	2 39	14 35	0 28	20 13	1 33	10 36	11 11	11 33	12 1	21 16	5 8	6 41
M27	8 20	26 30	5 4	5 52	1 0	15 5	1 4	15 38	0 44	8 25	1 4	2 11	2 39	14 35	0 28	20 13	1 33	10 36	11 10	11 31	12 0	21 19	5 10	6 40
T 28	7s57	23n32	5n 4	4s59	0s51	14s42	1s 5	15n51	0n44	8n29	1s 4	2s 9	2n39	14s35	0n28	20n13	1s33	10n36	11s10	11n28	11n59	21s21	5n12	6s40

Julian Day Number = 2412495.5, Delta T = -4.73 sec
Ecliptic obliquity = 23°27'19, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°14'50, Lahiri = 22°21'50

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ASTRODIENST EPHEMERIS for the year 1893
geocentric

MARCH 1893 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 36 5	10♓39'46	20♌13	21♓16	24♒49	11♉42	24♈39	11°R33	10°R37	8♊32	7♊51	29°R50	1♉23	26♏ 7	0°R 1	W 1
T 2	10 40 1	11°39'54	3♍34	23° 9	26° 4	12°22	24°51	11♎29	10♏36	8°33	7°52	29♈42	1°20	26°14	29♌56	T 2
F 3	10 43 58	12°40'00	16°38	25° 0	27°19	13° 2	25° 4	11°25	10°35	8°33	7°52	29°34	1°16	26°20	29°52	F 3
S 4	10 47 55	13°40'04	29°26	26°50	28°33	13°41	25°16	11°21	10°34	8°34	7°52	29°28	1°13	26°27	29°47	S 4
S 5	10 51 51	14°40'07	11♎58	28°37	29°48	14°21	25°29	11°18	10°33	8°34	7°52	29°24	1°10	26°34	29°43	S 5
M 6	10 55 48	15°40'07	24°14	0♈23	1♓ 3	15° 1	25°42	11°14	10°32	8°35	7°53	29°D23	1° 7	26°40	29°38	M 6
T 7	10 59 44	16°40'07	6♏18	2° 5	2°17	15°40	25°54	11°10	10°31	8°35	7°53	29°23	1° 4	26°47	29°34	T 7
W 8	11 3 41	17°40'04	18°12	3°44	3°32	16°20	26° 7	11° 6	10°30	8°36	7°53	29°24	1° 1	26°54	29°29	W 8
T 9	11 7 37	18°40'00	0♐ 1	5°19	4°46	17° 0	26°20	11° 1	10°29	8°37	7°54	29°26	0°57	27° 0	29°25	T 9
F 10	11 11 34	19°39'54	11°51	6°50	6° 1	17°39	26°33	10°57	10°27	8°37	7°54	29°27	0°54	27° 7	29°21	F 10
S 11	11 15 30	20°39'46	23°45	8°15	7°16	18°19	26°46	10°53	10°26	8°38	7°54	29°R27	0°51	27°14	29°17	S 11
S 12	11 19 27	21°39'37	5♑50	9°35	8°30	18°58	26°59	10°49	10°25	8°39	7°55	29°26	0°48	27°20	29°12	S 12
M13	11 23 24	22°39'26	18°10	10°49	9°45	19°38	27°12	10°45	10°23	8°40	7°55	29°23	0°45	27°27	29° 8	M13
T 14	11 27 20	23°39'14	0♒49	11°57	11° 0	20°17	27°25	10°40	10°22	8°40	7°56	29°19	0°42	27°34	29° 4	T 14
W15	11 31 17	24°38'59	13°50	12°58	12°14	20°57	27°38	10°36	10°21	8°41	7°56	29°14	0°38	27°40	29° 0	W15
T 16	11 35 13	25°38'43	27°14	13°51	13°29	21°36	27°52	10°31	10°19	8°42	7°57	29° 8	0°35	27°47	28°56	T 16
F 17	11 39 10	26°38'25	11♓ 1	14°37	14°43	22°16	28° 5	10°27	10°17	8°43	7°57	29° 3	0°32	27°54	28°52	F 17
S 18	11 43 6	27°38'05	25° 7	15°16	15°58	22°55	28°18	10°22	10°16	8°44	7°58	28°58	0°29	28° 0	28°48	S 18
S 19	11 47 3	28°37'43	9♈28	15°46	17°13	23°35	28°32	10°18	10°14	8°45	7°58	28°56	0°26	28° 7	28°45	S 19
M20	11 50 59	29°37'19	24° 0	16° 9	18°27	24°14	28°45	10°13	10°12	8°46	7°59	28°D54	0°22	28°14	28°41	M20
T 21	11 54 56	0♈36'52	8♉34	16°23	19°42	24°54	28°59	10° 9	10°11	8°47	8° 0	28°55	0°19	28°20	28°37	T 21
W22	11 58 53	1°36'24	23° 7	16°R29	20°56	25°33	29°12	10° 4	10° 9	8°48	8° 0	28°56	0°16	28°27	28°34	W22
T 23	12 2 49	2°35'53	7♊34	16°28	22°11	26°12	29°26	10° 0	10° 7	8°49	8° 1	28°57	0°13	28°34	28°30	T 23
F 24	12 6 46	3°35'20	21°50	16°19	23°25	26°52	29°39	9°55	10° 5	8°50	8° 1	28°58	0°10	28°40	28°27	F 24
S 25	12 10 42	4°34'45	5♋54	16° 3	24°40	27°31	29°53	9°50	10° 3	8°52	8° 2	28°R59	0° 7	28°47	28°24	S 25
S 26	12 14 39	5°34'07	19°45	15°40	25°54	28°11	0♉ 7	9°46	10° 2	8°53	8° 3	28°58	0° 3	28°54	28°20	S 26
M27	12 18 35	6°33'27	3♌22	15°10	27° 9	28°50	0°21	9°41	10° 0	8°54	8° 4	28°56	0° 0	29° 0	28°17	M27
T 28	12 22 32	7°32'45	16°45	14°36	28°23	29°29	0°35	9°36	9°58	8°55	8° 4	28°54	29♈57	29° 7	28°14	T 28
W29	12 26 28	8°32'00	29°54	13°56	29°37	0♊ 8	0°48	9°32	9°56	8°57	8° 5	28°51	29°54	29°14	28°11	W29
T 30	12 30 25	9°31'13	12♍50	13°13	0♈52	0°48	1° 2	9°27	9°54	8°58	8° 6	28°48	29°51	29°20	28° 8	T 30
F 31	12 34 22	10♈30'24	25♍33	12♈27	2♈ 6	1♊27	1♉16	9♎22	9♏51	8♊59	8♊ 7	28♈45	29♈47	29♏27	28♌ 5	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s34	19n18	4n48	4s 6	0s41	14s18	1s 7	16n 4	0n45	8n34	1s 4	2s 8	2n39	14s35	0n28	20n13	1s33	10n37	11s10	11n25	11n58	21s24	5n14	6s40
T 2	7 12	14 10	4 15	3 12	0 31	13 55	1 8	16 17	0 45	8 39	1 4	2 6	2 39	14 34	0 28	20 13	1 33	10 37	11 9	11 22	11 57	21 26	5 16	6 39
F 3	6 49	8 30	3 30	2 18	0 20	13 31	1 10	16 29	0 46	8 43	1 3	2 4	2 40	14 34	0 28	20 13	1 32	10 37	11 9	11 20	11 56	21 28	5 18	6 39
S 4	6 26	2 35	2 35	1 24	0 9	13 6	1 11	16 42	0 46	8 48	1 3	2 3	2 40	14 34	0 28	20 14	1 32	10 37	11 9	11 18	11 54	21 31	5 19	6 39
S 5	6 2	3s18	1 33	0 30	0n 3	12 41	1 13	16 54	0 47	8 53	1 3	2 1	2 40	14 34	0 28	20 14	1 32	10 38	11 9	11 16	11 53	21 33	5 21	6 38
M 6	5 39	8 58	0 28	0n23	0 15	12 16	1 14	17 6	0 48	8 58	1 3	1 59	2 40	14 33	0 28	20 14	1 32	10 38	11 8	11 16	11 52	21 35	5 23	6 38
T 7	5 16	14 13	0s37	1 15	0 28	11 50	1 15	17 19	0 48	9 2	1 3	1 58	2 40	14 33	0 28	20 14	1 32	10 38	11 8	11 16	11 51	21 38	5 25	6 37
W 8	4 53	18 52	1 40	2 6	0 40	11 24	1 17	17 31	0 49	9 7	1 3	1 56	2 40	14 32	0 28	20 14	1 32	10 39	11 8	11 16	11 50	21 40	5 27	6 37
T 9	4 29	22 45	2 39	2 56	0 54	10 58	1 18	17 42	0 49	9 12	1 2	1 54	2 41	14 32	0 28	20 14	1 32	10 39	11 8	11 17	11 49	21 42	5 29	6 37
F 10	4 6	25 42	3 30	3 44	1 7	10 32	1 19	17 54	0 50	9 17	1 2	1 52	2 41	14 32	0 28	20 14	1 32	10 39	11 7	11 17	11 48	21 45	5 31	6 36
S 11	3 42	27 31	4 13	4 30	1 20	10 5	1 20	18 6	0 50	9 22	1 2	1 51	2 41	14 31	0 28	20 15	1 32	10 40	11 7	11 17	11 47	21 47	5 33	6 36
S 12	3 19	28 5	4 46	5 14	1 34	9 38	1 21	18 17	0 51	9 26	1 2	1 49	2 41	14 31	0 28	20 15	1 32	10 40	11 7	11 17	11 46	21 49	5 35	6 35
M13	2 55	27 16	5 5	5 55	1 47	9 11	1 22	18 28	0 51	9 31	1 2	1 47	2 41	14 30	0 28	20 15	1 32	10 40	11 6	11 16	11 44	21 52	5 37	6 35
T 14	2 31	25 3	5 11	6 34	2 0	8 43	1 22	18 40	0 52	9 36	1 2	1 45	2 41	14 30	0 28	20 15	1 32	10 41	11 6	11 14	11 43	21 54	5 38	6 34
W15	2 8	21 29	5 1	7 9	2 12	8 15	1 23	18 51	0 52	9 41	1 2	1 43	2 41	14 29	0 28	20 15	1 32	10 41	11 6	11 12	11 42	21 56	5 40	6 34
T 16	1 44	16 44	4 35	7 41	2 24	7 47	1 24	19 1	0 53	9 46	1 1	1 42	2 41	14 29	0 28	20 16	1 32	10 41	11 6	11 10	11 41	21 58	5 42	6 33
F 17	1 20	11 1	3 52	8 9	2 35	7 19	1 25	19 12	0 53	9 51	1 1	1 40	2 42	14 28	0 28	20 16	1 32	10 42	11 5	11 9	11 40	22 1	5 44	6 33
S 18	0 56	4 37	2 54	8 33	2 45	6 51	1 25	19 23	0 54	9 56	1 1	1 38	2 42	14 28	0 28	20 16	1 32	10 42	11 5	11 7	11 39	22 3	5 46	6 32
S 19	0 33	2n 9	1 44	8 54	2 55	6 22	1 26	19 33	0 54	10 0	1 1	1 36	2 42	14 27	0 28	20 16	1 32	10 42	11 5	11 6	11 38	22 5	5 48	6 31
M20	0 9	8 54	0 27	9 10	3 3	5 53	1 26	19 43	0 54	10 5	1 1	1 34	2 42	14 27	0 28	20 16	1 31	10 43	11 5	11 6	11 37	22 8	5 49	6 31
T 21	0n15	15 12	0n53	9 23	3 11	5 25	1 26	19 53	0 55	10 10	1 1	1 32	2 42	14 26	0 28	20 17	1 31	10 43	11 4	11 6	11 36	22 10	5 51	6 30
W22	0 38	20 39	2 9	9 31	3 17	4 55	1 27	20 3	0 55	10 15	1 1	1 30	2 42	14 26	0 28	20 17	1 31	10 43	11 4	11 6	11 34	22 12	5 53	6 30
T 23	1 2	24 49	3 17	9 34	3 21	4 26	1 27	20 13	0 56	10 20	1 0	1 29	2 42	14 25	0 28	20 17	1 31	10 44	11 4	11 7	11 33	22 14	5 55	6 29
F 24	1 26	27 23	4 11	9 34	3 24	3 57	1 27	20 23	0 56	10 25	1 0	1 27	2 42	14 25	0 28	20 17	1 31	10 44	11 4	11 7	11 32	22 17	5 57	6 28
S 25	1 49	28 9	4 50	9 29	3 26	3 28	1 27	20 32	0 56	10 30	1 0	1 25	2 42	14 24	0 28	20 17	1 31	10 44	11 3	11 7	11 31	22 19	5 58	6 28
S 26	2 13	27 7	5 11	9 20	3 26	2 58	1 27	20 41	0 57	10 35	1 0	1 23	2 42	14 23	0 28	20 18	1 31	10 45	11 3	11 7	11 30	22 21	6 0	6 27
M27	2 36	24 30	5 14	9 7	3 24	2 28	1 27	20 51	0 57	10 40	1 0	1 21	2 42	14 23	0 28	20 18	1 31	10 45	11 3	11 6	11 29	22 23	6 2	6 26
T 28	3 0	20 35	5 0	8 50	3 20	1 59	1 27	21 0	0 58	10 45	1 0	1 19	2 42	14 22	0 28	20 18	1 31	10 45	11 3	11 5	11 28	22 26	6 3	6 26
W29	3 23	15 43	4 30	8 29	3 14	1 29	1 27	21 8	0 58	10 50	1 0	1 17	2 42	14 21	0 28	20 18	1 31	10 46	11 2	11 4	11 27	22 28	6 5	6 25
T 30	3 46	10 14	3 47	8 6	3 7	0 59	1 27	21 17	0 58	10 55	1 0	1 15	2 42	14 21	0 28	20 19	1 31	10 46	11 2	11 3	11 25	22 30	6 7	6 24
F 31	4n10	4n25	2n53	7n40	2n59	0s29	1s27	21n25	0n59	11n 0	1s 0	1s14	2n42	14s20	0n28	20n19	1s31	10n47	11s 2	11n 2	11n24	22s32	6n 8	6s24

Julian Day Number = 2412523.5, Delta T = -4.75 sec
Ecliptic obliquity = 23°27'20, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°14'54, Lahiri = 22°21'54

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1893
geocentric

APRIL 1893 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 38 18	11♈29'33	8♎ 2	11°R39	3♈21	2♊ 6	1♉30	9°R18	9°R49	9♊ 1	8♊ 7	28°R43	29♈44	29♏34	28°R 3	S 1
S 2	12 42 15	12°28'39	20°20	10♈50	4°35	2°45	1°44	9♎13	9♏47	9° 2	8° 8	28♈42	29°41	29°40	28♌ 0	S 2
M 3	12 46 11	13°27'44	2♏27	10° 1	5°49	3°25	1°58	9° 8	9°45	9° 3	8° 9	28°D42	29°38	29°47	27°58	M 3
T 4	12 50 8	14°26'47	14°25	9°13	7° 4	4° 4	2°12	9° 4	9°43	9° 5	8°10	28°43	29°35	29°54	27°55	T 4
W 5	12 54 4	15°25'47	26°18	8°27	8°18	4°43	2°26	8°59	9°41	9° 6	8°11	28°44	29°32	0♐ 0	27°53	W 5
T 6	12 58 1	16°24'46	8♐ 7	7°44	9°32	5°22	2°40	8°54	9°38	9° 8	8°12	28°45	29°28	0° 7	27°51	T 6
F 7	13 1 57	17°23'44	19°57	7° 4	10°47	6° 1	2°54	8°50	9°36	9° 9	8°13	28°46	29°25	0°14	27°49	F 7
S 8	13 5 54	18°22'39	1♑52	6°27	12° 1	6°40	3° 9	8°45	9°34	9°11	8°14	28°47	29°22	0°20	27°47	S 8
S 9	13 9 51	19°21'33	13°56	5°55	13°15	7°19	3°23	8°41	9°31	9°12	8°15	28°R47	29°19	0°27	27°45	S 9
M10	13 13 47	20°20'25	26°14	5°28	14°30	7°58	3°37	8°36	9°29	9°14	8°15	28°47	29°16	0°34	27°43	M10
T 11	13 17 44	21°19'15	8♒50	5° 6	15°44	8°38	3°51	8°32	9°27	9°16	8°16	28°47	29°13	0°40	27°41	T 11
W12	13 21 40	22°18'03	21°48	4°49	16°58	9°17	4° 5	8°27	9°24	9°17	8°17	28°46	29° 9	0°47	27°40	W12
T 13	13 25 37	23°16'50	5♓12	4°38	18°12	9°56	4°20	8°23	9°22	9°19	8°18	28°46	29° 6	0°54	27°38	T 13
F 14	13 29 33	24°15'35	19° 1	4°31	19°27	10°35	4°34	8°18	9°20	9°21	8°19	28°45	29° 3	1° 0	27°37	F 14
S 15	13 33 30	25°14'18	3♈14	4°D30	20°41	11°14	4°48	8°14	9°17	9°22	8°21	28°45	29° 0	1° 7	27°35	S 15
S 16	13 37 26	26°12'59	17°49	4°34	21°55	11°53	5° 2	8° 9	9°15	9°24	8°22	28°45	28°57	1°14	27°34	S 16
M17	13 41 23	27°11'39	2♉40	4°43	23° 9	12°32	5°17	8° 5	9°12	9°26	8°23	28°D44	28°53	1°20	27°33	M17
T 18	13 45 19	28°10'16	17°38	4°57	24°24	13°10	5°31	8° 1	9°10	9°28	8°24	28°45	28°50	1°27	27°32	T 18
W19	13 49 16	29° 8'52	2♊36	5°16	25°38	13°49	5°45	7°57	9° 7	9°29	8°25	28°R45	28°47	1°34	27°31	W19
T 20	13 53 13	0♉ 7'25	17°25	5°39	26°52	14°28	6° 0	7°53	9° 5	9°31	8°26	28°44	28°44	1°40	27°31	T 20
F 21	13 57 9	1° 5'56	2♋ 0	6° 6	28° 6	15° 7	6°14	7°48	9° 2	9°33	8°27	28°44	28°41	1°47	27°30	F 21
S 22	14 1 6	2° 4'26	16°16	6°38	29°20	15°46	6°28	7°44	9° 0	9°35	8°28	28°44	28°38	1°54	27°30	S 22
S 23	14 5 2	3° 2'52	0♌10	7°14	0♉34	16°25	6°43	7°40	8°57	9°37	8°29	28°D44	28°34	2° 0	27°29	S 23
M24	14 8 59	4° 1'17	13°43	7°54	1°48	17° 4	6°57	7°36	8°55	9°39	8°30	28°44	28°31	2° 7	27°29	M24
T 25	14 12 55	4°59'40	26°55	8°37	3° 3	17°43	7°12	7°33	8°52	9°40	8°32	28°44	28°28	2°14	27°29	T 25
W26	14 16 52	5°58'00	9♍49	9°24	4°17	18°21	7°26	7°29	8°50	9°42	8°33	28°45	28°25	2°20	27°D29	W26
T 27	14 20 48	6°56'18	22°27	10°15	5°31	19° 0	7°40	7°25	8°47	9°44	8°34	28°46	28°22	2°27	27°29	T 27
F 28	14 24 45	7°54'35	4♎51	11° 8	6°45	19°39	7°55	7°21	8°45	9°46	8°35	28°46	28°19	2°34	27°29	F 28
S 29	14 28 42	8°52'49	17° 4	12° 5	7°59	20°18	8° 9	7°18	8°42	9°48	8°36	28°47	28°15	2°40	27°29	S 29
S 30	14 32 38	9♉51'01	29♎ 9	13♈ 5	9♉13	20♊56	8♉23	7♎14	8♏39	9♊50	8♊38	28°R47	28♈12	2♐47	27♌30	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n33	1s29	1n52	7n11	2n48	0n 1	1s26	21n34	0n59	11n 4	0s59	1s12	2n42	14s19	0n28	20n19	1s31	10n47	11s 2	11n 2	11n23	22s34	6n10	6s23
S 2	4 56	7 14	0 46	6 41	2 37	0 30	1 26	21 42	0 59	11 9	0 59	1 10	2 42	14 19	0 28	20 19	1 31	10 47	11 1	11 1	11 22	22 37	6 11	6 22
M 3	5 19	12 39	0s21	6 10	2 24	1 0	1 26	21 50	1 0	11 14	0 59	1 8	2 42	14 18	0 28	20 20	1 31	10 48	11 1	11 1	11 21	22 39	6 13	6 22
T 4	5 42	17 33	1 26	5 39	2 10	1 30	1 25	21 58	1 0	11 19	0 59	1 6	2 42	14 17	0 28	20 20	1 31	10 48	11 1	11 1	11 20	22 41	6 14	6 21
W 5	6 5	21 43	2 27	5 7	1 55	2 0	1 24	22 5	1 0	11 24	0 59	1 4	2 42	14 17	0 28	20 20	1 31	10 48	11 1	11 2	11 19	22 43	6 16	6 20
T 6	6 27	24 59	3 21	4 35	1 39	2 30	1 24	22 13	1 1	11 29	0 59	1 3	2 42	14 16	0 28	20 20	1 31	10 49	11 1	11 2	11 18	22 45	6 17	6 19
F 7	6 50	27 11	4 7	4 5	1 23	3 0	1 23	22 20	1 1	11 34	0 59	1 1	2 42	14 15	0 28	20 21	1 31	10 49	11 0	11 3	11 17	22 48	6 19	6 19
S 8	7 13	28 9	4 43	3 35	1 7	3 29	1 22	22 27	1 1	11 39	0 59	0 59	2 42	14 15	0 28	20 21	1 31	10 49	11 0	11 3	11 15	22 50	6 20	6 18
S 9	7 35	27 49	5 7	3 8	0 51	3 59	1 21	22 34	1 2	11 44	0 59	0 57	2 42	14 14	0 28	20 21	1 30	10 50	11 0	11 3	11 14	22 52	6 21	6 17
M10	7 57	26 6	5 17	2 42	0 34	4 29	1 21	22 40	1 2	11 49	0 59	0 56	2 42	14 13	0 28	20 22	1 30	10 50	11 0	11 3	11 13	22 54	6 23	6 16
T 11	8 19	23 5	5 12	2 18	0 18	4 58	1 20	22 47	1 2	11 54	0 59	0 54	2 42	14 12	0 28	20 22	1 30	10 50	11 0	11 3	11 12	22 56	6 24	6 15
W12	8 41	18 51	4 52	1 57	0 2	5 28	1 19	22 53	1 3	11 58	0 58	0 52	2 42	14 12	0 28	20 22	1 30	10 51	10 59	11 3	11 11	22 58	6 25	6 15
T 13	9 3	13 34	4 16	1 38	0s13	5 57	1 18	22 59	1 3	12 3	0 58	0 50	2 42	14 11	0 28	20 22	1 30	10 51	10 59	11 2	11 10	23 0	6 27	6 14
F 14	9 25	7 28	3 23	1 22	0 28	6 26	1 16	23 5	1 3	12 8	0 58	0 49	2 42	14 10	0 28	20 23	1 30	10 51	10 59	11 2	11 9	23 3	6 28	6 13
S 15	9 46	0 48	2 17	1 8	0 43	6 55	1 15	23 11	1 3	12 13	0 58	0 47	2 42	14 9	0 28	20 23	1 30	10 52	10 59	11 2	11 8	23 5	6 29	6 12
S 16	10 8	6n 4	1 0	0 57	0 56	7 24	1 14	23 17	1 4	12 18	0 58	0 45	2 42	14 8	0 28	20 23	1 30	10 52	10 58	11 2	11 6	23 7	6 30	6 11
M17	10 29	12 45	0n22	0 49	1 9	7 53	1 13	23 22	1 4	12 23	0 58	0 44	2 42	14 8	0 28	20 24	1 30	10 52	10 58	11 2	11 5	23 9	6 31	6 11
T 18	10 50	18 45	1 43	0 43	1 22	8 21	1 11	23 27	1 4	12 28	0 58	0 42	2 42	14 7	0 28	20 24	1 30	10 53	10 58	11 2	11 4	23 11	6 32	6 10
W19	11 11	23 35	2 57	0 40	1 34	8 50	1 10	23 33	1 5	12 32	0 58	0 41	2 42	14 6	0 28	20 24	1 30	10 53	10 58	11 2	11 3	23 13	6 33	6 9
T 20	11 31	26 49	3 59	0 39	1 44	9 18	1 9	23 37	1 5	12 37	0 58	0 39	2 42	14 5	0 28	20 25	1 30	10 54	10 58	11 2	11 2	23 15	6 35	6 8
F 21	11 52	28 10	4 44	0 40	1 55	9 46	1 7	23 42	1 5	12 42	0 58	0 37	2 42	14 5	0 28	20 25	1 30	10 54	10 58	11 2	11 1	23 17	6 35	6 7
S 22	12 12	27 36	5 10	0 44	2 4	10 13	1 6	23 47	1 5	12 47	0 58	0 36	2 42	14 4	0 28	20 25	1 30	10 54	10 57	11 2	11 0	23 19	6 36	6 7
S 23	12 32	25 17	5 17	0 50	2 13	10 41	1 4	23 51	1 5	12 51	0 58	0 34	2 41	14 3	0 28	20 25	1 30	10 55	10 57	11 2	10 58	23 22	6 37	6 6
M24	12 52	21 37	5 7	0 59	2 21	11 8	1 2	23 55	1 6	12 56	0 58	0 33	2 41	14 2	0 28	20 26	1 30	10 55	10 57	11 2	10 57	23 24	6 38	6 5
T 25	13 12	16 56	4 40	1 9	2 28	11 35	1 1	23 59	1 6	13 1	0 58	0 32	2 41	14 1	0 28	20 26	1 30	10 55	10 57	11 2	10 56	23 26	6 39	6 4
W26	13 31	11 35	4 0	1 22	2 34	12 2	0 59	24 3	1 6	13 6	0 58	0 30	2 41	14 1	0 28	20 26	1 30	10 56	10 57	11 2	10 55	23 28	6 40	6 3
T 27	13 50	5 53	3 8	1 36	2 40	12 28	0 57	24 6	1 6	13 10	0 57	0 29	2 41	14 0	0 28	20 27	1 30	10 56	10 57	11 2	10 54	23 30	6 41	6 2
F 28	14 9	0 3	2 9	1 53	2 45	12 54	0 55	24 9	1 7	13 15	0 57	0 27	2 41	13 59	0 28	20 27	1 30	10 56	10 56	11 3	10 53	23 32	6 41	6 1
S 29	14 28	5s43	1 5	2 11	2 49	13 20	0 54	24 13	1 7	13 20	0 57	0 26	2 41	13 58	0 28	20 27	1 30	10 57	10 56	11 3	10 52	23 34	6 42	6 1
S 30	14n47	11s12	0s 2	2n31	2s53	13n45	0s52	24n16	1n 7	13n24	0s57	0s25	2n41	13s57	0n28	20n28	1s30	10n57	10s56	11n 3	10n51	23s36	6n43	6s 0

Julian Day Number = 2412554.5, Delta T = -4.78 sec
Ecliptic obliquity = 23°27'20, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°14'58, Lahiri = 22°21'59

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ASTRODIENST EPHEMERIS for the year 1893
geocentric

MAY 1893 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 36 35	10♉49'12	11♏ 6	14♈ 8	10♉27	21♊35	8♉38	7°R11	8°R37	9♊52	8♊39	28°R47	28♈ 9	2♐54	27♌30	M 1
T 2	14 40 31	11°47'21	22°59	15°13	11°41	22°14	8°52	7♎ 7	8♏34	9°54	8°40	28♈46	28° 6	3° 0	27°31	T 2
W 3	14 44 28	12°45'29	4♐49	16°21	12°55	22°52	9° 6	7° 4	8°32	9°56	8°41	28°44	28° 3	3° 7	27°31	W 3
T 4	14 48 24	13°43'34	16°38	17°32	14° 9	23°31	9°21	7° 0	8°29	9°58	8°43	28°42	27°59	3°14	27°32	T 4
F 5	14 52 21	14°41'39	28°30	18°45	15°23	24°10	9°35	6°57	8°27	10° 0	8°44	28°40	27°56	3°20	27°33	F 5
S 6	14 56 17	15°39'42	10♑27	20° 1	16°37	24°48	9°49	6°54	8°24	10° 2	8°45	28°38	27°53	3°27	27°34	S 6
S 7	15 0 14	16°37'43	22°32	21°19	17°51	25°27	10° 4	6°51	8°22	10° 5	8°46	28°35	27°50	3°34	27°36	S 7
M 8	15 4 11	17°35'43	4♒50	22°39	19° 5	26° 6	10°18	6°48	8°19	10° 7	8°48	28°34	27°47	3°40	27°37	M 8
T 9	15 8 7	18°33'42	17°23	24° 2	20°19	26°44	10°32	6°45	8°17	10° 9	8°49	28°D34	27°44	3°47	27°38	T 9
W10	15 12 4	19°31'39	0♓16	25°27	21°32	27°23	10°46	6°42	8°14	10°11	8°50	28°34	27°40	3°54	27°40	W10
T 11	15 16 0	20°29'35	13°33	26°54	22°46	28° 1	11° 1	6°40	8°12	10°13	8°52	28°35	27°37	4° 0	27°41	T 11
F 12	15 19 57	21°27'30	27°15	28°23	24° 0	28°40	11°15	6°37	8° 9	10°15	8°53	28°36	27°34	4° 7	27°43	F 12
S 13	15 23 53	22°25'23	11♈25	29°55	25°14	29°18	11°29	6°34	8° 7	10°17	8°54	28°38	27°31	4°14	27°45	S 13
S 14	15 27 50	23°23'15	25°59	1♉29	26°28	29°57	11°43	6°32	8° 4	10°19	8°55	28°R38	27°28	4°20	27°47	S 14
M15	15 31 46	24°21'06	10♉54	3° 4	27°42	0♋35	11°57	6°30	8° 2	10°22	8°57	28°38	27°24	4°27	27°49	M15
T 16	15 35 43	25°18'56	26° 3	4°42	28°56	1°14	12°12	6°27	8° 0	10°24	8°58	28°36	27°21	4°34	27°51	T 16
W17	15 39 40	26°16'44	11♊16	6°23	0♊10	1°52	12°26	6°25	7°57	10°26	8°59	28°33	27°18	4°40	27°53	W17
T 18	15 43 36	27°14'31	26°23	8° 5	1°23	2°31	12°40	6°23	7°55	10°28	9° 1	28°30	27°15	4°47	27°56	T 18
F 19	15 47 33	28°12'17	11♋16	9°49	2°37	3° 9	12°54	6°21	7°53	10°30	9° 2	28°26	27°12	4°54	27°58	F 19
S 20	15 51 29	29°10'00	25°46	11°36	3°51	3°48	13° 8	6°19	7°50	10°33	9° 4	28°22	27° 9	5° 0	28° 1	S 20
S 21	15 55 26	0♊ 7'43	9♌51	13°24	5° 5	4°26	13°22	6°17	7°48	10°35	9° 5	28°19	27° 5	5° 7	28° 4	S 21
M22	15 59 22	1° 5'23	23°28	15°15	6°19	5° 4	13°36	6°15	7°46	10°37	9° 6	28°18	27° 2	5°14	28° 6	M22
T 23	16 3 19	2° 3'02	6♍39	17° 8	7°32	5°43	13°50	6°14	7°43	10°39	9° 8	28°D17	26°59	5°20	28° 9	T 23
W24	16 7 16	3° 0'39	19°28	19° 3	8°46	6°21	14° 4	6°12	7°41	10°41	9° 9	28°18	26°56	5°27	28°12	W24
T 25	16 11 12	3°58'15	1♎56	21° 0	10° 0	7° 0	14°18	6°11	7°39	10°44	9°10	28°20	26°53	5°34	28°15	T 25
F 26	16 15 9	4°55'49	14°10	22°59	11°14	7°38	14°32	6° 9	7°37	10°46	9°12	28°21	26°50	5°40	28°19	F 26
S 27	16 19 5	5°53'22	26°13	25° 0	12°27	8°16	14°46	6° 8	7°35	10°48	9°13	28°R22	26°46	5°47	28°22	S 27
S 28	16 23 2	6°50'54	8♏ 8	27° 3	13°41	8°55	14°59	6° 7	7°33	10°50	9°14	28°22	26°43	5°54	28°25	S 28
M29	16 26 58	7°48'25	19°59	29° 8	14°55	9°33	15°13	6° 6	7°30	10°53	9°16	28°20	26°40	6° 0	28°29	M29
T 30	16 30 55	8°45'54	1♐48	1♊14	16° 9	10°11	15°27	6° 5	7°28	10°55	9°17	28°15	26°37	6° 7	28°32	T 30
W31	16 34 51	9♊43'22	13♐38	3♊22	17♊22	10♋49	15♉40	6♎ 4	7♏26	10♊57	9♊19	28♈10	26♈34	6♐14	28♌36	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	15n 5	16s14	1s 8	2n52	2s56	14n11	0s50	24n18	1n 7	13n29	0s57	0s24	2n40	13s57	0n28	20n28	1s30	10n57	10s56	11n 3	10n49	23s38	6n43	5s59
T 2	15 23	20 38	2 10	3 15	2 58	14 35	0 48	24 21	1 7	13 34	0 57	0 22	2 40	13 56	0 28	20 28	1 30	10 57	10 56	11 3	10 48	23 40	6 44	5 58
W 3	15 41	24 10	3 6	3 40	3 0	15 0	0 46	24 23	1 8	13 38	0 57	0 21	2 40	13 55	0 28	20 29	1 30	10 58	10 56	11 2	10 47	23 42	6 45	5 57
T 4	15 58	26 41	3 55	4 6	3 1	15 24	0 44	24 25	1 8	13 43	0 57	0 20	2 40	13 54	0 28	20 29	1 30	10 58	10 56	11 1	10 46	23 44	6 45	5 56
F 5	16 15	28 0	4 33	4 33	3 1	15 48	0 42	24 27	1 8	13 47	0 57	0 19	2 40	13 53	0 28	20 29	1 30	10 58	10 55	11 0	10 45	23 46	6 46	5 56
S 6	16 32	28 2	5 0	5 2	3 1	16 11	0 40	24 29	1 8	13 52	0 57	0 18	2 40	13 52	0 28	20 30	1 30	10 59	10 55	11 0	10 44	23 48	6 46	5 55
S 7	16 49	26 44	5 14	5 32	3 0	16 34	0 38	24 31	1 8	13 56	0 57	0 17	2 39	13 52	0 28	20 30	1 29	10 59	10 55	10 59	10 43	23 50	6 46	5 54
M 8	17 6	24 8	5 14	6 3	2 58	16 56	0 35	24 32	1 8	14 1	0 57	0 16	2 39	13 51	0 28	20 30	1 29	10 59	10 55	10 58	10 41	23 52	6 47	5 53
T 9	17 22	20 22	4 59	6 36	2 56	17 18	0 33	24 33	1 9	14 5	0 57	0 15	2 39	13 50	0 28	20 31	1 29	11 0	10 55	10 58	10 40	23 54	6 47	5 52
W10	17 38	15 34	4 29	7 9	2 54	17 40	0 31	24 34	1 9	14 10	0 57	0 14	2 39	13 49	0 28	20 31	1 29	11 0	10 55	10 58	10 39	23 56	6 47	5 51
T 11	17 53	9 54	3 43	7 44	2 50	18 1	0 29	24 35	1 9	14 14	0 57	0 13	2 39	13 49	0 28	20 31	1 29	11 0	10 55	10 59	10 38	23 58	6 48	5 50
F 12	18 8	3 36	2 44	8 19	2 46	18 21	0 26	24 36	1 9	14 19	0 57	0 12	2 39	13 48	0 28	20 32	1 29	11 1	10 55	10 59	10 37	24 0	6 48	5 50
S 13	18 23	3n 5	1 33	8 55	2 42	18 42	0 24	24 36	1 9	14 23	0 57	0 11	2 38	13 47	0 28	20 32	1 29	11 1	10 54	11 0	10 36	24 2	6 48	5 49
S 14	18 38	9 49	0 15	9 32	2 37	19 1	0 22	24 37	1 9	14 28	0 57	0 10	2 38	13 46	0 28	20 32	1 29	11 1	10 54	11 0	10 35	24 4	6 48	5 48
M15	18 52	16 10	1n 7	10 10	2 32	19 20	0 20	24 37	1 9	14 32	0 57	0 10	2 38	13 45	0 28	20 33	1 29	11 1	10 54	11 0	10 33	24 6	6 48	5 47
T 16	19 6	21 37	2 25	10 49	2 26	19 39	0 17	24 36	1 10	14 36	0 57	0 9	2 38	13 45	0 28	20 33	1 29	11 2	10 54	10 59	10 32	24 8	6 48	5 46
W17	19 20	25 39	3 33	11 28	2 19	19 57	0 15	24 36	1 10	14 41	0 57	0 8	2 38	13 44	0 28	20 33	1 29	11 2	10 54	10 58	10 31	24 10	6 48	5 45
T 18	19 33	27 50	4 25	12 8	2 12	20 15	0 13	24 36	1 10	14 45	0 57	0 8	2 37	13 43	0 28	20 34	1 29	11 2	10 54	10 57	10 30	24 12	6 48	5 45
F 19	19 46	27 57	4 59	12 48	2 5	20 32	0 10	24 35	1 10	14 49	0 57	0 7	2 37	13 42	0 28	20 34	1 29	11 3	10 54	10 55	10 29	24 14	6 48	5 44
S 20	19 59	26 7	5 13	13 28	1 57	20 48	0 8	24 34	1 10	14 53	0 57	0 6	2 37	13 42	0 28	20 34	1 29	11 3	10 54	10 54	10 28	24 15	6 48	5 43
S 21	20 11	22 43	5 7	14 9	1 48	21 4	0 5	24 33	1 10	14 58	0 57	0 6	2 37	13 41	0 28	20 35	1 29	11 3	10 54	10 53	10 27	24 17	6 48	5 42
M22	20 23	18 10	4 43	14 50	1 40	21 20	0 3	24 32	1 10	15 2	0 57	0 5	2 37	13 40	0 28	20 35	1 29	11 3	10 54	10 52	10 25	24 19	6 48	5 41
T 23	20 35	12 52	4 6	15 31	1 30	21 34	0 1	24 30	1 10	15 6	0 57	0 5	2 36	13 40	0 28	20 35	1 29	11 4	10 54	10 52	10 24	24 21	6 48	5 40
W24	20 46	7 11	3 17	16 12	1 21	21 48	0n 2	24 28	1 10	15 10	0 57	0 5	2 36	13 39	0 28	20 36	1 29	11 4	10 54	10 53	10 23	24 23	6 47	5 40
T 25	20 57	1 21	2 19	16 53	1 11	22 2	0 4	24 27	1 10	15 14	0 57	0 4	2 36	13 38	0 28	20 36	1 29	11 4	10 53	10 53	10 22	24 25	6 47	5 39
F 26	21 8	4s25	1 17	17 33	1 1	22 15	0 7	24 25	1 11	15 18	0 57	0 4	2 36	13 37	0 28	20 36	1 29	11 4	10 53	10 54	10 21	24 27	6 47	5 38
S 27	21 18	9 57	0 12	18 13	0 51	22 27	0 9	24 22	1 11	15 22	0 57	0 4	2 35	13 37	0 28	20 37	1 29	11 5	10 53	10 54	10 20	24 29	6 46	5 37
S 28	21 28	15 4	0s53	18 52	0 40	22 39	0 11	24 20	1 11	15 26	0 57	0 3	2 35	13 36	0 28	20 37	1 29	11 5	10 53	10 54	10 19	24 31	6 46	5 36
M29	21 38	19 35	1 55	19 30	0 30	22 50	0 14	24 17	1 11	15 30	0 57	0 3	2 35	13 35	0 28	20 37	1 29	11 5	10 53	10 53	10 17	24 32	6 46	5 36
T 30	21 47	23 20	2 51	20 7	0 19	23 0	0 16	24 14	1 11	15 34	0 57	0 3	2 35	13 35	0 28	20 38	1 29	11 5	10 53	10 52	10 16	24 34	6 45	5 35
W31	21n55	26s 6	3s41	20n43	0s 8	23n10	0n18	24n12	1n11	15n38	0s57	0s 3	2n35	13s34	0n27	20n38	1s29	11n 6	10s53	10n50	10n15	24s36	6n45	5s34

Julian Day Number = 2412584.5, Delta T = -4.80 sec
Ecliptic obliquity = 23°27'20, Nutation = - 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°15'02, Lahiri = 22°22'03

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ASTRODIENST EPHEMERIS for the year 1893
geocentric

JUNE 1893 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 48	10♊40'50	25♐30	5♊31	18♊36	11♋28	15♉54	6°R 3	7°R24	10♊59	9♊20	28°R 2	26♈30	6♐21	28♌40	T 1
F 2	16 42 45	11°38'16	7♑27	7°41	19°50	12° 6	16° 8	6♎ 3	7♏22	11° 2	9°21	27♈54	26°27	6°27	28°44	F 2
S 3	16 46 41	12°35'42	19°30	9°52	21° 3	12°44	16°21	6° 2	7°20	11° 4	9°23	27°46	26°24	6°34	28°48	S 3
S 4	16 50 38	13°33'07	1♒41	12° 4	22°17	13°22	16°35	6° 2	7°19	11° 6	9°24	27°39	26°21	6°41	28°52	S 4
M 5	16 54 34	14°30'31	14° 2	14°16	23°31	14° 1	16°48	6° 1	7°17	11° 8	9°25	27°34	26°18	6°47	28°56	M 5
T 6	16 58 31	15°27'54	26°37	16°28	24°44	14°39	17° 2	6° 1	7°15	11°11	9°27	27°30	26°15	6°54	29° 0	T 6
W 7	17 2 27	16°25'17	9♓28	18°40	25°58	15°17	17°15	6° 1	7°13	11°13	9°28	27°28	26°11	7° 1	29° 5	W 7
T 8	17 6 24	17°22'39	22°40	20°51	27°12	15°55	17°28	6°D 1	7°11	11°15	9°30	27°D28	26° 8	7° 7	29° 9	T 8
F 9	17 10 20	18°20'01	6♈14	23° 2	28°25	16°33	17°42	6° 1	7°10	11°17	9°31	27°29	26° 5	7°14	29°14	F 9
S 10	17 14 17	19°17'22	20°12	25°12	29°39	17°12	17°55	6° 1	7° 8	11°20	9°32	27°R30	26° 2	7°21	29°18	S 10
S 11	17 18 14	20°14'43	4♉36	27°20	0♋52	17°50	18° 8	6° 1	7° 6	11°22	9°34	27°30	25°59	7°27	29°23	S 11
M12	17 22 10	21°12'03	19°22	29°28	2° 6	18°28	18°21	6° 2	7° 5	11°24	9°35	27°28	25°56	7°34	29°28	M12
T 13	17 26 7	22° 9'23	4♊25	1♋33	3°20	19° 6	18°34	6° 2	7° 3	11°26	9°36	27°24	25°52	7°41	29°33	T 13
W14	17 30 3	23° 6'43	19°38	3°37	4°33	19°44	18°47	6° 3	7° 2	11°28	9°38	27°18	25°49	7°47	29°38	W14
T 15	17 34 0	24° 4'02	4♋50	5°39	5°47	20°22	19° 0	6° 3	7° 0	11°31	9°39	27°10	25°46	7°54	29°43	T 15
F 16	17 37 56	25° 1'20	19°50	7°39	7° 0	21° 1	19°13	6° 4	6°59	11°33	9°40	27° 1	25°43	8° 1	29°48	F 16
S 17	17 41 53	25°58'38	4♌30	9°37	8°14	21°39	19°26	6° 5	6°57	11°35	9°42	26°53	25°40	8° 7	29°53	S 17
S 18	17 45 49	26°55'55	18°43	11°33	9°28	22°17	19°39	6° 6	6°56	11°37	9°43	26°46	25°37	8°14	29°59	S 18
M19	17 49 46	27°53'11	2♍27	13°27	10°41	22°55	19°52	6° 7	6°55	11°39	9°44	26°41	25°33	8°21	0♍ 4	M19
T 20	17 53 43	28°50'26	15°42	15°19	11°55	23°33	20° 4	6° 8	6°53	11°42	9°46	26°38	25°30	8°27	0°10	T 20
W21	17 57 39	29°47'41	28°31	17° 8	13° 8	24°11	20°17	6° 9	6°52	11°44	9°47	26°D38	25°27	8°34	0°15	W21
T 22	18 1 36	0♋44'54	10♎59	18°55	14°22	24°49	20°29	6°11	6°51	11°46	9°48	26°38	25°24	8°41	0°21	T 22
F 23	18 5 32	1°42'08	23° 9	20°40	15°35	25°27	20°42	6°12	6°50	11°48	9°50	26°R38	25°21	8°47	0°26	F 23
S 24	18 9 29	2°39'20	5♏ 7	22°23	16°49	26° 5	20°54	6°14	6°49	11°50	9°51	26°38	25°17	8°54	0°32	S 24
S 25	18 13 25	3°36'33	16°59	24° 3	18° 2	26°43	21° 6	6°15	6°48	11°52	9°52	26°36	25°14	9° 1	0°38	S 25
M26	18 17 22	4°33'45	28°47	25°41	19°16	27°21	21°19	6°17	6°47	11°54	9°53	26°32	25°11	9° 8	0°44	M26
T 27	18 21 18	5°30'56	10♐37	27°17	20°29	27°59	21°31	6°19	6°46	11°56	9°55	26°25	25° 8	9°14	0°50	T 27
W28	18 25 15	6°28'07	22°29	28°50	21°43	28°37	21°43	6°21	6°45	11°59	9°56	26°15	25° 5	9°21	0°56	W28
T 29	18 29 12	7°25'18	4♑27	0♌21	22°56	29°16	21°55	6°23	6°44	12° 1	9°57	26° 4	25° 2	9°28	1° 2	T 29
F 30	18 33 8	8♋22'29	16♑32	1♌50	24♋10	29♋54	22♉ 7	6♎25	6♏43	12♊ 3	9♊58	25♈52	24♈58	9♐34	1♍ 9	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 4	27s43	4s20	21n17	0n 3	23n19	0n21	24n 8	1n11	15n42	0s57	0s 3	2n34	13s34	0n27	20n38	1s29	11n 6	10s53	10n47	10n14	24s38	6n44	5s33
F 2	22 12	28 3	4 49	21 49	0 13	23 27	0 23	24 5	1 11	15 46	0 57	0 3	2 34	13 33	0 27	20 38	1 29	11 6	10 53	10 44	10 13	24 40	6 43	5 32
S 3	22 19	27 4	5 5	22 20	0 24	23 35	0 26	24 1	1 11	15 50	0 57	0 3	2 34	13 32	0 27	20 39	1 29	11 6	10 53	10 41	10 12	24 42	6 43	5 32
S 4	22 26	24 47	5 7	22 49	0 34	23 42	0 28	23 58	1 11	15 54	0 57	0 3	2 34	13 32	0 27	20 39	1 29	11 6	10 53	10 39	10 11	24 43	6 42	5 31
M 5	22 33	21 20	4 55	23 15	0 44	23 48	0 30	23 54	1 11	15 58	0 57	0 3	2 33	13 31	0 27	20 39	1 29	11 7	10 53	10 37	10 9	24 45	6 41	5 30
T 6	22 40	16 52	4 29	23 39	0 53	23 54	0 32	23 50	1 11	16 2	0 57	0 3	2 33	13 31	0 27	20 40	1 29	11 7	10 53	10 35	10 8	24 47	6 41	5 29
W 7	22 46	11 34	3 49	24 0	1 2	23 58	0 35	23 46	1 11	16 5	0 57	0 3	2 33	13 30	0 27	20 40	1 29	11 7	10 53	10 35	10 7	24 49	6 40	5 29
T 8	22 51	5 37	2 56	24 19	1 10	24 3	0 37	23 41	1 11	16 9	0 57	0 3	2 33	13 29	0 27	20 40	1 29	11 7	10 53	10 35	10 6	24 51	6 39	5 28
F 9	22 57	0n46	1 52	24 34	1 18	24 6	0 39	23 37	1 11	16 13	0 57	0 3	2 32	13 29	0 27	20 41	1 29	11 7	10 53	10 35	10 5	24 52	6 38	5 27
S 10	23 1	7 18	0 39	24 47	1 25	24 9	0 41	23 32	1 11	16 16	0 57	0 4	2 32	13 28	0 27	20 41	1 29	11 8	10 53	10 35	10 4	24 54	6 37	5 26
S 11	23 6	13 40	0n38	24 58	1 32	24 11	0 44	23 27	1 11	16 20	0 57	0 4	2 32	13 28	0 27	20 41	1 29	11 8	10 53	10 35	10 2	24 56	6 36	5 26
M12	23 10	19 25	1 55	25 5	1 38	24 12	0 46	23 22	1 11	16 24	0 57	0 4	2 32	13 27	0 27	20 42	1 29	11 8	10 53	10 35	10 1	24 58	6 35	5 25
T 13	23 13	24 4	3 5	25 10	1 43	24 13	0 48	23 16	1 12	16 27	0 57	0 5	2 31	13 27	0 27	20 42	1 29	11 8	10 53	10 33	10 0	25 0	6 34	5 24
W14	23 17	27 4	4 2	25 12	1 48	24 13	0 50	23 11	1 12	16 31	0 57	0 5	2 31	13 26	0 27	20 42	1 29	11 8	10 53	10 31	9 59	25 1	6 33	5 23
T 15	23 19	28 4	4 42	25 11	1 51	24 12	0 52	23 5	1 12	16 34	0 57	0 6	2 31	13 26	0 27	20 42	1 29	11 9	10 53	10 28	9 58	25 3	6 32	5 23
F 16	23 22	26 59	5 3	25 8	1 54	24 10	0 54	22 59	1 12	16 38	0 57	0 6	2 31	13 26	0 27	20 43	1 29	11 9	10 53	10 25	9 57	25 5	6 31	5 22
S 17	23 24	24 2	5 2	25 2	1 56	24 8	0 56	22 54	1 12	16 41	0 57	0 7	2 31	13 25	0 27	20 43	1 29	11 9	10 53	10 22	9 56	25 7	6 30	5 21
S 18	23 25	19 42	4 43	24 55	1 58	24 5	0 58	22 47	1 12	16 45	0 57	0 7	2 30	13 25	0 27	20 43	1 29	11 9	10 53	10 20	9 54	25 8	6 29	5 21
M19	23 26	14 28	4 8	24 44	1 59	24 1	1 0	22 41	1 12	16 48	0 57	0 8	2 30	13 24	0 27	20 44	1 29	11 9	10 53	10 18	9 53	25 10	6 28	5 20
T 20	23 27	8 43	3 21	24 32	1 59	23 57	1 2	22 35	1 12	16 51	0 57	0 9	2 30	13 24	0 27	20 44	1 29	11 9	10 53	10 17	9 52	25 12	6 26	5 19
W21	23 27	2 48	2 24	24 18	1 58	23 52	1 4	22 28	1 12	16 55	0 57	0 9	2 30	13 24	0 27	20 44	1 29	11 9	10 53	10 17	9 51	25 13	6 25	5 19
T 22	23 27	3s 5	1 23	24 2	1 56	23 46	1 5	22 21	1 12	16 58	0 57	0 10	2 29	13 23	0 27	20 44	1 29	11 10	10 53	10 17	9 50	25 15	6 24	5 18
F 23	23 27	8 43	0 19	23 45	1 54	23 39	1 7	22 14	1 12	17 1	0 57	0 11	2 29	13 23	0 27	20 45	1 29	11 10	10 53	10 17	9 49	25 17	6 22	5 17
S 24	23 26	13 57	0s45	23 26	1 51	23 32	1 9	22 7	1 12	17 4	0 57	0 12	2 29	13 23	0 27	20 45	1 29	11 10	10 53	10 17	9 47	25 19	6 21	5 17
S 25	23 24	18 37	1 46	23 5	1 48	23 24	1 11	22 0	1 12	17 8	0 57	0 13	2 29	13 22	0 27	20 45	1 29	11 10	10 53	10 16	9 46	25 20	6 19	5 16
M26	23 23	22 32	2 42	22 43	1 44	23 16	1 12	21 52	1 12	17 11	0 57	0 14	2 28	13 22	0 27	20 46	1 29	11 10	10 53	10 14	9 45	25 22	6 18	5 15
T 27	23 20	25 32	3 31	22 21	1 39	23 6	1 14	21 45	1 12	17 14	0 57	0 15	2 28	13 22	0 27	20 46	1 29	11 10	10 54	10 12	9 44	25 24	6 17	5 15
W28	23 18	27 25	4 11	21 56	1 34	22 56	1 15	21 37	1 12	17 17	0 57	0 16	2 28	13 21	0 27	20 46	1 29	11 10	10 54	10 9	9 43	25 25	6 15	5 14
T 29	23 15	28 3	4 40	21 31	1 28	22 46	1 17	21 29	1 11	17 20	0 57	0 17	2 28	13 21	0 27	20 46	1 29	11 10	10 54	10 4	9 42	25 27	6 13	5 13
F 30	23n11	27s21	4s57	21n 6	1n22	22n35	1n18	21n21	1n11	17n23	0s57	0s18	2n27	13s21	0n27	20n47	1s29	11n11	10s54	10n 0	9n40	25s29	6n12	5s13

Julian Day Number = 2412615.5, Delta T = -4.82 sec
Ecliptic obliquity = 23°27'19, Nutation = - 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°15'06, Lahiri = 22°22'07

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ASTRODIENST EPHEMERIS for the year 1893
geocentric

JULY 1893 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 37 5	9♋19'40	28♉46	3♌16	25♋23	0♌32	22♉19	6♎27	6°R43	12♊ 5	10♊ 0	25°R39	24♈55	9♐41	1♍15	S 1
S 2	18 41 1	10°16'51	11♒ 8	4°40	26°37	1°10	22°30	6°30	6♏42	12° 7	10° 1	25♈28	24°52	9°48	1°21	S 2
M 3	18 44 58	11°14'02	23°40	6° 2	27°50	1°48	22°42	6°32	6°41	12° 9	10° 2	25°18	24°49	9°54	1°28	M 3
T 4	18 48 54	12°11'13	6♓24	7°21	29° 3	2°26	22°54	6°35	6°41	12°11	10° 3	25°11	24°46	10° 1	1°34	T 4
W 5	18 52 51	13° 8'24	19°21	8°38	0♌17	3° 4	23° 5	6°37	6°40	12°13	10° 4	25° 7	24°43	10° 8	1°41	W 5
T 6	18 56 48	14° 5'35	2♈33	9°52	1°30	3°42	23°17	6°40	6°40	12°15	10° 6	25° 5	24°39	10°14	1°47	T 6
F 7	19 0 44	15° 2'47	16° 3	11° 3	2°44	4°20	23°28	6°43	6°39	12°17	10° 7	25°D 5	24°36	10°21	1°54	F 7
S 8	19 4 41	16° 0'00	29°53	12°12	3°57	4°58	23°39	6°46	6°39	12°19	10° 8	25°R 5	24°33	10°28	2° 1	S 8
S 9	19 8 37	16°57'13	14♉ 4	13°18	5°10	5°36	23°50	6°48	6°39	12°21	10° 9	25° 4	24°30	10°34	2° 7	S 9
M10	19 12 34	17°54'26	28°35	14°21	6°24	6°14	24° 1	6°52	6°38	12°22	10°10	25° 1	24°27	10°41	2°14	M10
T 11	19 16 30	18°51'40	13♊22	15°21	7°37	6°52	24°12	6°55	6°38	12°24	10°11	24°56	24°23	10°48	2°21	T 11
W12	19 20 27	19°48'55	28°19	16°19	8°50	7°30	24°23	6°58	6°38	12°26	10°12	24°47	24°20	10°55	2°28	W12
T 13	19 24 23	20°46'10	13♋19	17°13	10° 4	8° 8	24°34	7° 1	6°38	12°28	10°13	24°37	24°17	11° 1	2°35	T 13
F 14	19 28 20	21°43'25	28°12	18° 3	11°17	8°46	24°45	7° 5	6°38	12°30	10°15	24°26	24°14	11° 8	2°42	F 14
S 15	19 32 17	22°40'40	12♌49	18°51	12°31	9°24	24°55	7° 8	6°D38	12°32	10°16	24°15	24°11	11°15	2°49	S 15
S 16	19 36 13	23°37'56	27° 2	19°35	13°44	10° 2	25° 6	7°12	6°38	12°34	10°17	24° 6	24° 8	11°21	2°57	S 16
M17	19 40 10	24°35'12	10♍48	20°15	14°57	10°40	25°16	7°15	6°38	12°35	10°18	23°59	24° 4	11°28	3° 4	M17
T 18	19 44 6	25°32'28	24° 6	20°51	16°10	11°18	25°27	7°19	6°38	12°37	10°19	23°54	24° 1	11°35	3°11	T 18
W19	19 48 3	26°29'44	6♎58	21°24	17°24	11°56	25°37	7°23	6°38	12°39	10°20	23°52	23°58	11°41	3°19	W19
T 20	19 51 59	27°27'01	19°27	21°52	18°37	12°34	25°47	7°27	6°38	12°41	10°21	23°51	23°55	11°48	3°26	T 20
F 21	19 55 56	28°24'18	1♏38	22°16	19°50	13°12	25°57	7°31	6°39	12°42	10°22	23°51	23°52	11°55	3°33	F 21
S 22	19 59 52	29°21'35	13°37	22°35	21° 3	13°50	26° 7	7°35	6°39	12°44	10°23	23°51	23°48	12° 1	3°41	S 22
S 23	20 3 49	0♌18'53	25°28	22°50	22°17	14°28	26°16	7°39	6°39	12°46	10°24	23°49	23°45	12° 8	3°48	S 23
M24	20 7 46	1°16'11	7♐18	23° 0	23°30	15° 6	26°26	7°43	6°40	12°47	10°25	23°44	23°42	12°15	3°56	M24
T 25	20 11 42	2°13'29	19° 9	23° 6	24°43	15°44	26°35	7°48	6°40	12°49	10°26	23°37	23°39	12°21	4° 4	T 25
W26	20 15 39	3°10'48	1♑ 6	23°R 6	25°56	16°22	26°45	7°52	6°41	12°50	10°26	23°28	23°36	12°28	4°11	W26
T 27	20 19 35	4° 8'08	13°12	23° 1	27° 9	17° 0	26°54	7°56	6°41	12°52	10°27	23°16	23°33	12°35	4°19	T 27
F 28	20 23 32	5° 5'28	25°27	22°51	28°22	17°38	27° 3	8° 1	6°42	12°54	10°28	23° 3	23°29	12°42	4°27	F 28
S 29	20 27 28	6° 2'50	7♒54	22°36	29°36	18°16	27°12	8° 6	6°43	12°55	10°29	22°51	23°26	12°48	4°35	S 29
S 30	20 31 25	7° 0'11	20°32	22°16	0♍49	18°54	27°21	8°10	6°44	12°57	10°30	22°39	23°23	12°55	4°42	S 30
M31	20 35 21	7♌57'34	3♓21	21♌51	2♍ 2	19♌32	27♉30	8♎15	6♏44	12♊58	10♊31	22♈29	23♈20	13♐ 2	4♍50	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 8	25s19	5s 1	20n39	1n15	22n23	1n19	21n13	1n11	17n26	0s58	0s19	2n27	13s21	0n27	20n47	1s29	11n11	10s54	9n55	9n39	25s30	6n10	5s12
S 2	23 3	22 5	4 50	20 12	1 7	22 10	1 21	21 4	1 11	17 29	0 58	0 20	2 27	13 21	0 27	20 47	1 29	11 11	10 54	9 51	9 38	25 32	6 9	5 12
M 3	22 59	17 49	4 25	19 44	0 59	21 57	1 22	20 56	1 11	17 32	0 58	0 21	2 27	13 20	0 27	20 47	1 29	11 11	10 54	9 48	9 37	25 34	6 7	5 11
T 4	22 54	12 41	3 47	19 16	0 51	21 43	1 23	20 47	1 11	17 35	0 58	0 22	2 26	13 20	0 27	20 48	1 29	11 11	10 54	9 45	9 36	25 35	6 5	5 10
W 5	22 48	6 56	2 57	18 47	0 42	21 29	1 24	20 39	1 11	17 38	0 58	0 23	2 26	13 20	0 27	20 48	1 29	11 11	10 54	9 44	9 35	25 37	6 3	5 10
T 6	22 43	0 46	1 56	18 19	0 32	21 13	1 25	20 30	1 11	17 40	0 58	0 25	2 26	13 20	0 26	20 48	1 29	11 11	10 54	9 43	9 33	25 38	6 2	5 9
F 7	22 36	5n35	0 48	17 50	0 22	20 58	1 26	20 21	1 11	17 43	0 58	0 26	2 26	13 20	0 26	20 48	1 29	11 11	10 54	9 43	9 32	25 40	6 0	5 9
S 8	22 30	11 50	0n25	17 21	0 12	20 42	1 27	20 11	1 11	17 46	0 58	0 27	2 26	13 20	0 26	20 48	1 29	11 11	10 54	9 43	9 31	25 42	5 58	5 8
S 9	22 23	17 38	1 39	16 52	0 1	20 25	1 28	20 2	1 11	17 49	0 58	0 29	2 25	13 20	0 26	20 49	1 29	11 11	10 54	9 42	9 30	25 43	5 56	5 7
M10	22 15	22 34	2 47	16 23	0s10	20 7	1 29	19 52	1 11	17 51	0 58	0 30	2 25	13 20	0 26	20 49	1 29	11 11	10 55	9 41	9 29	25 45	5 54	5 7
T 11	22 8	26 9	3 46	15 54	0 21	19 49	1 30	19 43	1 11	17 54	0 58	0 32	2 25	13 20	0 26	20 49	1 29	11 11	10 55	9 39	9 28	25 46	5 52	5 6
W12	21 59	27 56	4 29	15 26	0 33	19 31	1 30	19 33	1 11	17 56	0 58	0 33	2 25	13 19	0 26	20 49	1 29	11 11	10 55	9 36	9 26	25 48	5 50	5 6
T 13	21 51	27 40	4 55	14 58	0 45	19 12	1 31	19 23	1 11	17 59	0 58	0 35	2 24	13 19	0 26	20 50	1 29	11 11	10 55	9 33	9 25	25 49	5 48	5 5
F 14	21 42	25 25	5 0	14 31	0 58	18 52	1 32	19 13	1 11	18 1	0 58	0 36	2 24	13 19	0 26	20 50	1 30	11 11	10 55	9 29	9 24	25 51	5 46	5 5
S 15	21 33	21 32	4 45	14 4	1 11	18 32	1 32	19 3	1 11	18 4	0 58	0 38	2 24	13 19	0 26	20 50	1 30	11 12	10 55	9 25	9 23	25 53	5 44	5 4
S 16	21 23	16 28	4 13	13 38	1 24	18 11	1 32	18 53	1 11	18 6	0 58	0 39	2 24	13 20	0 26	20 50	1 30	11 12	10 55	9 21	9 22	25 54	5 42	5 4
M17	21 13	10 42	3 27	13 13	1 37	17 50	1 33	18 42	1 11	18 9	0 59	0 41	2 24	13 20	0 26	20 50	1 30	11 12	10 55	9 19	9 21	25 56	5 40	5 3
T 18	21 3	4 39	2 30	12 49	1 50	17 29	1 33	18 32	1 10	18 11	0 59	0 43	2 23	13 20	0 26	20 51	1 30	11 12	10 56	9 17	9 19	25 57	5 38	5 3
W19	20 52	1s25	1 28	12 25	2 4	17 7	1 33	18 21	1 10	18 14	0 59	0 44	2 23	13 20	0 26	20 51	1 30	11 12	10 56	9 16	9 18	25 59	5 36	5 2
T 20	20 41	7 15	0 23	12 4	2 17	16 44	1 33	18 10	1 10	18 16	0 59	0 46	2 23	13 20	0 26	20 51	1 30	11 12	10 56	9 16	9 17	26 0	5 34	5 2
F 21	20 30	12 42	0s41	11 43	2 31	16 21	1 33	17 59	1 10	18 18	0 59	0 48	2 23	13 20	0 26	20 51	1 30	11 12	10 56	9 16	9 16	26 2	5 32	5 1
S 22	20 18	17 34	1 43	11 24	2 45	15 58	1 33	17 48	1 10	18 20	0 59	0 50	2 23	13 20	0 26	20 51	1 30	11 12	10 56	9 16	9 15	26 3	5 29	5 1
S 23	20 6	21 43	2 39	11 6	2 58	15 34	1 33	17 37	1 10	18 22	0 59	0 51	2 22	13 20	0 26	20 52	1 30	11 12	10 56	9 15	9 14	26 5	5 27	5 0
M24	19 53	24 58	3 28	10 51	3 11	15 10	1 33	17 26	1 10	18 25	0 59	0 53	2 22	13 20	0 26	20 52	1 30	11 12	10 56	9 13	9 12	26 6	5 25	5 0
T 25	19 41	27 8	4 9	10 37	3 24	14 45	1 33	17 15	1 10	18 27	0 59	0 55	2 22	13 21	0 26	20 52	1 30	11 12	10 56	9 11	9 11	26 8	5 23	4 59
W26	19 28	28 5	4 38	10 25	3 37	14 20	1 33	17 3	1 10	18 29	0 59	0 57	2 22	13 21	0 26	20 52	1 30	11 12	10 57	9 7	9 10	26 9	5 20	4 59
T 27	19 14	27 42	4 56	10 15	3 49	13 55	1 32	16 51	1 10	18 31	0 59	0 59	2 22	13 21	0 26	20 52	1 30	11 11	10 57	9 3	9 9	26 11	5 18	4 58
F 28	19 0	25 59	5 0	10 7	4 0	13 29	1 32	16 40	1 10	18 33	0 59	1 1	2 21	13 21	0 26	20 52	1 30	11 11	10 57	8 58	9 8	26 12	5 15	4 58
S 29	18 46	22 59	4 50	10 2	4 11	13 3	1 31	16 28	1 9	18 35	1 0	1 3	2 21	13 22	0 26	20 53	1 30	11 11	10 57	8 53	9 7	26 14	5 13	4 58
S 30	18 32	18 52	4 26	9 59	4 21	12 36	1 31	16 16	1 9	18 37	1 0	1 5	2 21	13 22	0 26	20 53	1 30	11 11	10 57	8 49	9 5	26 15	5 11	4 57
M31	18n17	13s50	3s48	9n59	4s30	12n10	1n30	16n 4	1n 9	18n39	1s 0	1s 7	2n21	13s22	0n26	20n53	1s30	11n11	10s57	8n45	9n 4	26s16	5n 8	4s57

Julian Day Number = 2412645.5, Delta T = -4.84 sec
Ecliptic obliquity = 23°27'19, Nutation = - 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°15'11, Lahiri = 22°22'11

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ASTRODIENST EPHEMERIS for the year 1893
geocentric

AUGUST 1893 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 39 18	8♌54'58	16♓21	21°R21	3♍15	20♌10	27♉38	8♎20	6♏45	12♊59	10♊32	22°R22	23♈17	13♐ 8	4♍58	T 1
W 2	20 43 15	9°52'22	29°33	20♌47	4°28	20°48	27°47	8°25	6°46	13° 1	10°32	22♈18	23°14	13°15	5° 6	W 2
T 3	20 47 11	10°49'48	12♈57	20° 9	5°41	21°26	27°55	8°30	6°47	13° 2	10°33	22°16	23°10	13°22	5°14	T 3
F 4	20 51 8	11°47'16	26°33	19°28	6°54	22° 4	28° 3	8°35	6°48	13° 4	10°34	22°D16	23° 7	13°28	5°22	F 4
S 5	20 55 4	12°44'44	10♉22	18°44	8° 7	22°42	28°12	8°40	6°49	13° 5	10°35	22°R16	23° 4	13°35	5°30	S 5
S 6	20 59 1	13°42'14	24°25	17°58	9°20	23°20	28°20	8°45	6°50	13° 6	10°35	22°16	23° 1	13°42	5°38	S 6
M 7	21 2 57	14°39'45	8♊42	17°10	10°33	23°58	28°27	8°50	6°52	13° 8	10°36	22°13	22°58	13°48	5°46	M 7
T 8	21 6 54	15°37'18	23°10	16°22	11°46	24°36	28°35	8°55	6°53	13° 9	10°37	22° 9	22°54	13°55	5°54	T 8
W 9	21 10 50	16°34'52	7♋45	15°34	12°59	25°14	28°43	9° 1	6°54	13°10	10°37	22° 2	22°51	14° 2	6° 2	W 9
T 10	21 14 47	17°32'28	22°23	14°48	14°12	25°52	28°50	9° 6	6°55	13°11	10°38	21°53	22°48	14° 9	6°11	T 10
F 11	21 18 44	18°30'04	6♌54	14° 4	15°25	26°30	28°57	9°12	6°57	13°12	10°39	21°44	22°45	14°15	6°19	F 11
S 12	21 22 40	19°27'42	21°14	13°23	16°37	27° 8	29° 4	9°17	6°58	13°14	10°39	21°34	22°42	14°22	6°27	S 12
S 13	21 26 37	20°25'21	5♍15	12°46	17°50	27°46	29°11	9°23	7° 0	13°15	10°40	21°26	22°39	14°29	6°35	S 13
M14	21 30 33	21°23'01	18°54	12°13	19° 3	28°25	29°18	9°28	7° 1	13°16	10°40	21°19	22°35	14°35	6°44	M14
T 15	21 34 30	22°20'43	2♎ 8	11°46	20°16	29° 3	29°25	9°34	7° 3	13°17	10°41	21°15	22°32	14°42	6°52	T 15
W16	21 38 26	23°18'25	14°59	11°26	21°29	29°41	29°31	9°40	7° 4	13°18	10°41	21°14	22°29	14°49	7° 0	W16
T 17	21 42 23	24°16'09	27°29	11°12	22°41	0♍19	29°37	9°46	7° 6	13°19	10°42	21°D14	22°26	14°55	7° 9	T 17
F 18	21 46 19	25°13'53	9♏42	11°D 4	23°54	0°57	29°44	9°52	7° 8	13°20	10°42	21°15	22°23	15° 2	7°17	F 18
S 19	21 50 16	26°11'39	21°42	11° 5	25° 7	1°35	29°50	9°58	7° 9	13°21	10°43	21°R15	22°20	15° 9	7°25	S 19
S 20	21 54 13	27° 9'26	3♐35	11°12	26°20	2°13	29°55	10° 4	7°11	13°22	10°43	21°15	22°16	15°15	7°34	S 20
M21	21 58 9	28° 7'14	15°26	11°28	27°32	2°51	0♊ 1	10°10	7°13	13°22	10°44	21°13	22°13	15°22	7°42	M21
T 22	22 2 6	29° 5'04	27°19	11°51	28°45	3°30	0° 7	10°16	7°15	13°23	10°44	21°10	22°10	15°29	7°51	T 22
W23	22 6 2	0♍ 2'54	9♑20	12°22	29°58	4° 8	0°12	10°22	7°17	13°24	10°45	21° 4	22° 7	15°36	7°59	W23
T 24	22 9 59	1° 0'46	21°32	13° 1	1♎10	4°46	0°17	10°28	7°19	13°25	10°45	20°56	22° 4	15°42	8° 7	T 24
F 25	22 13 55	1°58'39	3♒56	13°47	2°23	5°24	0°22	10°34	7°21	13°26	10°45	20°48	22° 0	15°49	8°16	F 25
S 26	22 17 52	2°56'34	16°36	14°41	3°35	6° 2	0°27	10°41	7°23	13°26	10°46	20°39	21°57	15°56	8°24	S 26
S 27	22 21 48	3°54'30	29°31	15°41	4°48	6°40	0°32	10°47	7°25	13°27	10°46	20°31	21°54	16° 2	8°33	S 27
M28	22 25 45	4°52'27	12♓40	16°48	6° 0	7°19	0°36	10°53	7°27	13°28	10°46	20°25	21°51	16° 9	8°41	M28
T 29	22 29 42	5°50'27	26° 3	18° 2	7°13	7°57	0°40	11° 0	7°29	13°28	10°47	20°20	21°48	16°16	8°50	T 29
W30	22 33 38	6°48'27	9♈37	19°22	8°25	8°35	0°45	11° 6	7°32	13°29	10°47	20°18	21°45	16°22	8°58	W30
T 31	22 37 35	7♍46'30	23♈22	20♌47	9♎37	9♍13	0♊48	11♎13	7♏34	13♊29	10♊47	20°D18	21♈41	16♐29	9♍ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 2	8s 7	2s58	10n 1	4s37	11n43	1n29	15n52	1n 9	18n40	1s 0	1s 9	2n21	13s23	0n26	20n53	1s30	11n11	10s58	8n43	9n 3	26s18	5n 6	4s56
W 2	17 47	1 58	1 57	10 5	4 44	11 15	1 29	15 40	1 9	18 42	1 0	1 11	2 20	13 23	0 26	20 53	1 30	11 11	10 58	8 41	9 2	26 19	5 3	4 56
T 3	17 32	4n21	0 49	10 12	4 49	10 48	1 28	15 27	1 9	18 44	1 0	1 13	2 20	13 23	0 26	20 53	1 30	11 11	10 58	8 40	9 1	26 21	5 1	4 56
F 4	17 16	10 36	0n23	10 22	4 52	10 20	1 27	15 15	1 9	18 46	1 0	1 15	2 20	13 24	0 26	20 53	1 30	11 11	10 58	8 40	9 0	26 22	4 58	4 55
S 5	17 0	16 26	1 35	10 34	4 54	9 51	1 26	15 2	1 9	18 48	1 0	1 18	2 20	13 24	0 26	20 54	1 30	11 11	10 58	8 40	8 58	26 23	4 56	4 55
S 6	16 43	21 30	2 42	10 48	4 54	9 23	1 25	14 50	1 8	18 49	1 0	1 20	2 20	13 24	0 26	20 54	1 30	11 11	10 58	8 40	8 57	26 25	4 53	4 54
M 7	16 27	25 24	3 40	11 4	4 52	8 54	1 23	14 37	1 8	18 51	1 0	1 22	2 20	13 25	0 25	20 54	1 30	11 11	10 59	8 40	8 56	26 26	4 50	4 54
T 8	16 10	27 42	4 26	11 22	4 48	8 25	1 22	14 24	1 8	18 52	1 1	1 24	2 19	13 25	0 25	20 54	1 30	11 11	10 59	8 38	8 55	26 28	4 48	4 54
W 9	15 53	28 7	4 54	11 41	4 42	7 56	1 21	14 11	1 8	18 54	1 1	1 27	2 19	13 26	0 25	20 54	1 30	11 11	10 59	8 35	8 54	26 29	4 45	4 53
T 10	15 35	26 35	5 3	12 1	4 35	7 27	1 20	13 58	1 8	18 55	1 1	1 29	2 19	13 26	0 25	20 54	1 30	11 11	10 59	8 32	8 52	26 30	4 43	4 53
F 11	15 18	23 16	4 53	12 22	4 26	6 57	1 18	13 45	1 8	18 57	1 1	1 31	2 19	13 27	0 25	20 54	1 30	11 11	10 59	8 28	8 51	26 32	4 40	4 53
S 12	15 0	18 36	4 24	12 44	4 15	6 28	1 17	13 32	1 8	18 58	1 1	1 33	2 19	13 27	0 25	20 54	1 30	11 10	10 59	8 25	8 50	26 33	4 37	4 52
S 13	14 41	13 0	3 40	13 6	4 3	5 58	1 15	13 19	1 7	19 0	1 1	1 36	2 19	13 28	0 25	20 54	1 31	11 10	11 0	8 22	8 49	26 34	4 34	4 52
M14	14 23	6 54	2 44	13 28	3 49	5 28	1 13	13 5	1 7	19 1	1 1	1 38	2 18	13 28	0 25	20 55	1 31	11 10	11 0	8 19	8 48	26 36	4 32	4 52
T 15	14 4	0 41	1 40	13 50	3 34	4 57	1 12	12 52	1 7	19 2	1 1	1 41	2 18	13 29	0 25	20 55	1 31	11 10	11 0	8 18	8 47	26 37	4 29	4 51
W16	13 46	5s24	0 33	14 11	3 19	4 27	1 10	12 38	1 7	19 4	1 1	1 43	2 18	13 29	0 25	20 55	1 31	11 10	11 0	8 17	8 45	26 38	4 26	4 51
T 17	13 26	11 6	0s33	14 31	3 2	3 56	1 8	12 25	1 7	19 5	1 2	1 45	2 18	13 30	0 25	20 55	1 31	11 10	11 0	8 17	8 44	26 40	4 23	4 51
F 18	13 7	16 16	1 37	14 49	2 45	3 26	1 6	12 11	1 7	19 6	1 2	1 48	2 18	13 30	0 25	20 55	1 31	11 10	11 0	8 18	8 43	26 41	4 21	4 50
S 19	12 48	20 43	2 36	15 6	2 27	2 55	1 4	11 57	1 7	19 7	1 2	1 50	2 18	13 31	0 25	20 55	1 31	11 10	11 1	8 18	8 42	26 42	4 18	4 50
S 20	12 28	24 16	3 27	15 21	2 10	2 24	1 2	11 43	1 6	19 8	1 2	1 53	2 18	13 32	0 25	20 55	1 31	11 10	11 1	8 18	8 41	26 44	4 15	4 50
M21	12 8	26 47	4 9	15 34	1 52	1 54	1 0	11 29	1 6	19 9	1 2	1 55	2 17	13 32	0 25	20 55	1 31	11 9	11 1	8 17	8 39	26 45	4 12	4 50
T 22	11 48	28 6	4 41	15 45	1 34	1 23	0 58	11 16	1 6	19 11	1 2	1 58	2 17	13 33	0 25	20 55	1 31	11 9	11 1	8 16	8 38	26 46	4 9	4 49
W23	11 28	28 7	5 0	15 53	1 16	0 52	0 55	11 1	1 6	19 12	1 2	2 0	2 17	13 33	0 25	20 55	1 31	11 9	11 1	8 13	8 37	26 47	4 6	4 49
T 24	11 7	26 47	5 7	15 59	0 59	0 21	0 53	10 47	1 6	19 13	1 2	2 3	2 17	13 34	0 25	20 55	1 31	11 9	11 2	8 11	8 36	26 49	4 4	4 49
F 25	10 47	24 7	4 59	16 2	0 42	0s10	0 51	10 33	1 6	19 13	1 2	2 5	2 17	13 35	0 25	20 55	1 31	11 9	11 2	8 7	8 35	26 50	4 1	4 49
S 26	10 26	20 15	4 36	16 2	0 26	0 41	0 48	10 19	1 5	19 14	1 3	2 8	2 17	13 36	0 25	20 55	1 31	11 9	11 2	8 4	8 34	26 51	3 58	4 48
S 27	10 5	15 23	3 59	15 59	0 11	1 12	0 46	10 5	1 5	19 15	1 3	2 10	2 17	13 36	0 25	20 55	1 31	11 9	11 2	8 1	8 32	26 52	3 55	4 48
M28	9 44	9 43	3 9	15 52	0n 4	1 43	0 43	9 50	1 5	19 16	1 3	2 13	2 17	13 37	0 25	20 55	1 31	11 8	11 2	7 59	8 31	26 54	3 52	4 48
T 29	9 23	3 31	2 7	15 43	0 18	2 14	0 41	9 36	1 5	19 17	1 3	2 16	2 16	13 38	0 25	20 55	1 31	11 8	11 3	7 57	8 30	26 55	3 49	4 48
W30	9 1	2n56	0 58	15 31	0 31	2 45	0 38	9 21	1 5	19 18	1 3	2 18	2 16	13 38	0 25	20 55	1 31	11 8	11 3	7 56	8 29	26 56	3 46	4 48
T 31	8n40	9n20	0n17	15n15	0n43	3s16	0n35	9n 7	1n 4	19n18	1s 3	2s21	2n16	13s39	0n25	20n55	1s31	11n 8	11s 3	7n56	8n28	26s57	3n43	4s47

Julian Day Number = 2412676.5, Delta T = -4.86 sec
Ecliptic obliquity = 23°27'20, Nutation = - 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°15'15, Lahiri = 22°22'15

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ASTRODIENST EPHEMERIS for the year 1893
geocentric

SEPTEMBER 1893 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 41 31	8♍44'35	7♉15	22♌17	10♎50	9♍52	0♊52	11♎19	7♏36	13♊30	10♊47	20♈18	21♈38	16♐36	9♍15	F 1
S 2	22 45 28	9°42'41	21°15	23°51	12° 2	10°30	0°56	11°26	7°39	13°30	10°47	20°20	21°35	16°43	9°24	S 2
S 3	22 49 24	10°40'50	5♊21	25°30	13°14	11° 8	0°59	11°33	7°41	13°31	10°48	20°R21	21°32	16°49	9°32	S 3
M 4	22 53 21	11°39'01	19°32	27°12	14°27	11°46	1° 2	11°39	7°44	13°31	10°48	20°21	21°29	16°56	9°41	M 4
T 5	22 57 17	12°37'14	3♋46	28°57	15°39	12°25	1° 5	11°46	7°46	13°32	10°48	20°19	21°26	17° 3	9°49	T 5
W 6	23 1 14	13°35'29	18° 0	0♍44	16°51	13° 3	1° 8	11°53	7°49	13°32	10°48	20°16	21°22	17° 9	9°58	W 6
T 7	23 5 11	14°33'46	2♌11	2°33	18° 3	13°41	1°11	12° 0	7°51	13°32	10°48	20°11	21°19	17°16	10° 6	T 7
F 8	23 9 7	15°32'04	16°16	4°25	19°15	14°20	1°13	12° 6	7°54	13°33	10°48	20° 6	21°16	17°23	10°15	F 8
S 9	23 13 4	16°30'25	0♍ 9	6°17	20°27	14°58	1°16	12°13	7°56	13°33	10°48	20° 0	21°13	17°29	10°23	S 9
S 10	23 17 0	17°28'48	13°48	8°10	21°40	15°37	1°18	12°20	7°59	13°33	10°R48	19°56	21°10	17°36	10°32	S 10
M11	23 20 57	18°27'12	27° 9	10° 4	22°52	16°15	1°20	12°27	8° 2	13°33	10°48	19°52	21° 6	17°43	10°40	M11
T 12	23 24 53	19°25'38	10♎12	11°58	24° 4	16°53	1°21	12°34	8° 5	13°34	10°48	19°50	21° 3	17°50	10°49	T 12
W13	23 28 50	20°24'06	22°56	13°51	25°16	17°32	1°23	12°41	8° 7	13°34	10°48	19°D50	21° 0	17°56	10°57	W13
T 14	23 32 46	21°22'36	5♏22	15°45	26°28	18°10	1°24	12°48	8°10	13°34	10°48	19°51	20°57	18° 3	11° 6	T 14
F 15	23 36 43	22°21'08	17°34	17°39	27°40	18°49	1°25	12°55	8°13	13°34	10°48	19°53	20°54	18°10	11°14	F 15
S 16	23 40 40	23°19'41	29°34	19°32	28°51	19°27	1°26	13° 2	8°16	13°R34	10°48	19°54	20°51	18°16	11°23	S 16
S 17	23 44 36	24°18'16	11♐28	21°24	0♏ 3	20° 6	1°27	13° 9	8°19	13°34	10°48	19°56	20°47	18°23	11°31	S 17
M18	23 48 33	25°16'52	23°19	23°15	1°15	20°44	1°27	13°16	8°22	13°34	10°47	19°R56	20°44	18°30	11°39	M18
T 19	23 52 29	26°15'31	5♑14	25° 6	2°27	21°23	1°27	13°23	8°25	13°34	10°47	19°56	20°41	18°36	11°48	T 19
W20	23 56 26	27°14'11	17°15	26°56	3°39	22° 1	1°R27	13°30	8°28	13°34	10°47	19°55	20°38	18°43	11°56	W20
T 21	0 0 22	28°12'53	29°29	28°45	4°50	22°40	1°27	13°38	8°31	13°33	10°47	19°52	20°35	18°50	12° 4	T 21
F 22	0 4 19	29°11'36	11♒58	0♎34	6° 2	23°18	1°27	13°45	8°34	13°33	10°47	19°49	20°32	18°57	12°13	F 22
S 23	0 8 15	0♎10'21	24°45	2°21	7°13	23°57	1°27	13°52	8°37	13°33	10°46	19°46	20°28	19° 3	12°21	S 23
S 24	0 12 12	1° 9'08	7♓52	4° 7	8°25	24°35	1°26	13°59	8°40	13°33	10°46	19°44	20°25	19°10	12°29	S 24
M25	0 16 9	2° 7'57	21°18	5°53	9°36	25°14	1°25	14° 6	8°43	13°33	10°46	19°41	20°22	19°17	12°38	M25
T 26	0 20 5	3° 6'48	5♈ 3	7°37	10°48	25°52	1°24	14°14	8°47	13°32	10°45	19°40	20°19	19°23	12°46	T 26
W27	0 24 2	4° 5'40	19° 3	9°21	11°59	26°31	1°22	14°21	8°50	13°32	10°45	19°D40	20°16	19°30	12°54	W27
T 28	0 27 58	5° 4'35	3♉15	11° 4	13°11	27°10	1°21	14°28	8°53	13°32	10°45	19°40	20°12	19°37	13° 2	T 28
F 29	0 31 55	6° 3'32	17°34	12°45	14°22	27°48	1°19	14°36	8°56	13°31	10°44	19°41	20° 9	19°43	13°10	F 29
S 30	0 35 51	7♎ 2'32	1♊57	14♎26	15♏33	28♍27	1♊17	14♎43	9♏ 0	13♊31	10♊44	19♈42	20♈ 6	19♐50	13♍19	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n18	15n22	1n31	14n57	0n54	3s47	0n33	8n52	1n 4	19n19	1s 3	2s24	2n16	13s40	0n25	20n55	1s31	11n 8	11s 3	7n56	8n26	26s58	3n40	4s47
S 2	7 56	20 39	2 40	14 35	1 4	4 18	0 30	8 37	1 4	19 19	1 3	2 26	2 16	13 41	0 25	20 55	1 31	11 8	11 3	7 57	8 25	27 0	3 37	4 47
S 3	7 34	24 49	3 40	14 10	1 13	4 49	0 27	8 23	1 4	19 20	1 4	2 29	2 16	13 42	0 25	20 55	1 31	11 7	11 4	7 57	8 24	27 1	3 34	4 47
M 4	7 12	27 29	4 27	13 43	1 20	5 20	0 24	8 8	1 4	19 21	1 4	2 32	2 16	13 42	0 25	20 55	1 31	11 7	11 4	7 57	8 23	27 2	3 31	4 47
T 5	6 50	28 22	4 58	13 13	1 27	5 50	0 21	7 53	1 3	19 21	1 4	2 34	2 16	13 43	0 25	20 55	1 32	11 7	11 4	7 57	8 22	27 3	3 28	4 46
W 6	6 27	27 22	5 10	12 40	1 33	6 21	0 18	7 38	1 3	19 22	1 4	2 37	2 16	13 44	0 25	20 55	1 32	11 7	11 4	7 55	8 20	27 4	3 25	4 46
T 7	6 5	24 37	5 4	12 6	1 38	6 51	0 15	7 23	1 3	19 22	1 4	2 40	2 16	13 45	0 25	20 55	1 32	11 7	11 4	7 54	8 19	27 6	3 22	4 46
F 8	5 42	20 24	4 39	11 29	1 42	7 21	0 12	7 8	1 3	19 22	1 4	2 43	2 16	13 46	0 25	20 55	1 32	11 6	11 5	7 52	8 18	27 7	3 19	4 46
S 9	5 20	15 8	3 58	10 50	1 45	7 52	0 9	6 53	1 3	19 23	1 4	2 45	2 15	13 47	0 25	20 55	1 32	11 6	11 5	7 50	8 17	27 8	3 16	4 46
S 10	4 57	9 12	3 4	10 10	1 47	8 21	0 6	6 38	1 2	19 23	1 4	2 48	2 15	13 48	0 25	20 55	1 32	11 6	11 5	7 48	8 16	27 9	3 13	4 46
M11	4 34	2 59	2 1	9 28	1 48	8 51	0 3	6 23	1 2	19 23	1 4	2 51	2 15	13 49	0 24	20 55	1 32	11 6	11 5	7 47	8 14	27 10	3 10	4 46
T 12	4 11	3s14	0 53	8 45	1 49	9 21	0s 1	6 8	1 2	19 23	1 5	2 54	2 15	13 49	0 24	20 55	1 32	11 6	11 5	7 46	8 13	27 11	3 7	4 45
W13	3 48	9 11	0s17	8 1	1 48	9 50	0 4	5 53	1 2	19 24	1 5	2 56	2 15	13 50	0 24	20 55	1 32	11 5	11 6	7 46	8 12	27 12	3 4	4 45
T 14	3 25	14 39	1 24	7 16	1 48	10 20	0 7	5 37	1 1	19 24	1 5	2 59	2 15	13 51	0 24	20 55	1 32	11 5	11 6	7 46	8 11	27 13	3 1	4 45
F 15	3 2	19 25	2 26	6 31	1 46	10 49	0 10	5 22	1 1	19 24	1 5	3 2	2 15	13 52	0 24	20 55	1 32	11 5	11 6	7 47	8 10	27 15	2 57	4 45
S 16	2 39	23 21	3 21	5 45	1 44	11 17	0 14	5 7	1 1	19 24	1 5	3 5	2 15	13 53	0 24	20 55	1 32	11 5	11 6	7 47	8 9	27 16	2 54	4 45
S 17	2 16	26 14	4 7	4 58	1 41	11 46	0 17	4 51	1 1	19 24	1 5	3 7	2 15	13 54	0 24	20 55	1 32	11 5	11 6	7 48	8 7	27 17	2 51	4 45
M18	1 53	27 58	4 41	4 11	1 38	12 14	0 20	4 36	1 0	19 24	1 5	3 10	2 15	13 55	0 24	20 55	1 32	11 4	11 7	7 48	8 6	27 18	2 48	4 45
T 19	1 29	28 25	5 4	3 24	1 34	12 42	0 24	4 21	1 0	19 24	1 5	3 13	2 15	13 56	0 24	20 55	1 32	11 4	11 7	7 48	8 5	27 19	2 45	4 45
W20	1 6	27 32	5 14	2 36	1 30	13 10	0 27	4 5	1 0	19 24	1 6	3 16	2 15	13 57	0 24	20 55	1 32	11 4	11 7	7 47	8 4	27 20	2 42	4 45
T 21	0 43	25 19	5 10	1 49	1 26	13 37	0 31	3 50	1 0	19 24	1 6	3 19	2 15	13 58	0 24	20 55	1 32	11 4	11 7	7 47	8 3	27 21	2 39	4 45
F 22	0 19	21 53	4 52	1 1	1 21	14 4	0 34	3 34	0 59	19 24	1 6	3 22	2 15	13 59	0 24	20 55	1 32	11 4	11 7	7 45	8 1	27 22	2 36	4 45
S 23	0s 4	17 20	4 18	0 14	1 16	14 31	0 37	3 19	0 59	19 23	1 6	3 24	2 15	14 0	0 24	20 55	1 32	11 3	11 8	7 44	8 0	27 23	2 33	4 45
S 24	0 28	11 53	3 31	0s33	1 11	14 58	0 41	3 3	0 59	19 23	1 6	3 27	2 15	14 1	0 24	20 55	1 32	11 3	11 8	7 43	7 59	27 24	2 30	4 45
M25	0 51	5 45	2 30	1 20	1 5	15 24	0 44	2 48	0 59	19 23	1 6	3 30	2 15	14 2	0 24	20 55	1 32	11 3	11 8	7 42	7 58	27 25	2 27	4 44
T 26	1 14	0n47	1 20	2 7	1 0	15 50	0 48	2 32	0 58	19 22	1 6	3 33	2 15	14 3	0 24	20 55	1 33	11 3	11 8	7 42	7 57	27 26	2 23	4 44
W27	1 38	7 25	0 3	2 53	0 54	16 15	0 51	2 17	0 58	19 22	1 6	3 36	2 15	14 4	0 24	20 55	1 33	11 2	11 8	7 42	7 55	27 27	2 20	4 44
T 28	2 1	13 46	1n14	3 39	0 47	16 40	0 55	2 1	0 58	19 22	1 6	3 38	2 15	14 5	0 24	20 54	1 33	11 2	11 8	7 42	7 54	27 28	2 17	4 44
F 29	2 24	19 27	2 28	4 25	0 41	17 5	0 58	1 45	0 58	19 21	1 6	3 41	2 14	14 6	0 24	20 54	1 33	11 2	11 9	7 42	7 53	27 29	2 14	4 44
S 30	2s48	24n 3	3n33	5s10	0n35	17s29	1s 2	1n30	0n57	19n21	1s 7	3s44	2n14	14s 7	0n24	20n54	1s33	11n 2	11s 9	7n43	7n52	27s30	2n11	4s44

Julian Day Number = 2412707.5, Delta T = -4.88 sec
Ecliptic obliquity = 23°27'20, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°15'19, Lahiri = 22°22'20

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ASTRODIENST EPHEMERIS for the year 1893
geocentric

OCTOBER 1893 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 39 48	8♎ 1'34	16♊18	16♎ 6	16♏44	29♍ 6	1°R15	14♎50	9♏ 3	13°R30	10°R43	19♈43	20♈ 3	19♐57	13♍27	S 1
M 2	0 43 44	9° 0'38	0♋35	17°46	17°56	29°44	1♊13	14°58	9° 6	13♊30	10♊43	19°43	20° 0	20° 4	13°35	M 2
T 3	0 47 41	9°59'44	14°45	19°24	19° 7	0♎23	1°10	15° 5	9°10	13°29	10°43	19°R43	19°57	20°10	13°43	T 3
W 4	0 51 38	10°58'53	28°46	21° 2	20°18	1° 2	1° 8	15°12	9°13	13°29	10°42	19°43	19°53	20°17	13°51	W 4
T 5	0 55 34	11°58'05	12♌37	22°38	21°29	1°41	1° 5	15°20	9°17	13°28	10°42	19°42	19°50	20°24	13°59	T 5
F 6	0 59 31	12°57'18	26°16	24°14	22°40	2°20	1° 2	15°27	9°20	13°27	10°41	19°41	19°47	20°30	14° 7	F 6
S 7	1 3 27	13°56'34	9♍42	25°50	23°51	2°58	0°58	15°34	9°23	13°27	10°40	19°41	19°44	20°37	14°15	S 7
S 8	1 7 24	14°55'51	22°54	27°24	25° 1	3°37	0°55	15°42	9°27	13°26	10°40	19°40	19°41	20°44	14°22	S 8
M 9	1 11 20	15°55'11	5♎53	28°58	26°12	4°16	0°51	15°49	9°30	13°25	10°39	19°40	19°37	20°50	14°30	M 9
T 10	1 15 17	16°54'33	18°38	0♏31	27°23	4°55	0°47	15°56	9°34	13°25	10°39	19°D40	19°34	20°57	14°38	T 10
W11	1 19 13	17°53'57	1♏ 9	2° 3	28°34	5°34	0°43	16° 4	9°38	13°24	10°38	19°40	19°31	21° 4	14°46	W11
T 12	1 23 10	18°53'24	13°27	3°35	29°44	6°13	0°39	16°11	9°41	13°23	10°37	19°40	19°28	21°11	14°53	T 12
F 13	1 27 6	19°52'52	25°34	5° 6	0♐55	6°52	0°34	16°18	9°45	13°22	10°37	19°R40	19°25	21°17	15° 1	F 13
S 14	1 31 3	20°52'22	7♐33	6°36	2° 5	7°31	0°30	16°26	9°48	13°21	10°36	19°40	19°22	21°24	15° 9	S 14
S 15	1 35 0	21°51'54	19°26	8° 6	3°16	8°10	0°25	16°33	9°52	13°20	10°35	19°39	19°18	21°31	15°16	S 15
M16	1 38 56	22°51'28	1♑16	9°34	4°26	8°49	0°20	16°40	9°55	13°19	10°35	19°39	19°15	21°37	15°24	M16
T 17	1 42 53	23°51'03	13°10	11° 2	5°36	9°28	0°15	16°48	9°59	13°18	10°34	19°39	19°12	21°44	15°31	T 17
W18	1 46 49	24°50'40	25° 9	12°30	6°47	10° 7	0°10	16°55	10° 3	13°18	10°33	19°D39	19° 9	21°51	15°39	W18
T 19	1 50 46	25°50'19	7♒20	13°57	7°57	10°46	0° 4	17° 2	10° 6	13°17	10°33	19°39	19° 6	21°58	15°46	T 19
F 20	1 54 42	26°50'00	19°47	15°23	9° 7	11°25	29♉59	17°10	10°10	13°15	10°32	19°39	19° 3	22° 4	15°53	F 20
S 21	1 58 39	27°49'42	2♓34	16°48	10°17	12° 4	29°53	17°17	10°14	13°14	10°31	19°40	18°59	22°11	16° 1	S 21
S 22	2 2 35	28°49'27	15°44	18°12	11°27	12°43	29°47	17°24	10°17	13°13	10°30	19°41	18°56	22°18	16° 8	S 22
M23	2 6 32	29°49'12	29°18	19°36	12°36	13°22	29°41	17°31	10°21	13°12	10°29	19°42	18°53	22°24	16°15	M23
T 24	2 10 29	0♏49'00	13♈16	20°58	13°46	14° 1	29°35	17°39	10°25	13°11	10°28	19°R42	18°50	22°31	16°22	T 24
W25	2 14 25	1°48'50	27°36	22°20	14°56	14°40	29°28	17°46	10°29	13°10	10°28	19°42	18°47	22°38	16°29	W25
T 26	2 18 22	2°48'41	12♉13	23°41	16° 5	15°19	29°22	17°53	10°32	13° 9	10°27	19°42	18°43	22°44	16°36	T 26
F 27	2 22 18	3°48'35	27° 1	25° 0	17°15	15°59	29°15	18° 0	10°36	13° 7	10°26	19°40	18°40	22°51	16°43	F 27
S 28	2 26 15	4°48'31	11♊51	26°19	18°24	16°38	29° 8	18° 7	10°40	13° 6	10°25	19°38	18°37	22°58	16°50	S 28
S 29	2 30 11	5°48'28	26°37	27°36	19°33	17°17	29° 1	18°14	10°44	13° 5	10°24	19°36	18°34	23° 5	16°57	S 29
M30	2 34 8	6°48'29	11♋11	28°52	20°42	17°56	28°54	18°22	10°47	13° 4	10°23	19°35	18°31	23°11	17° 3	M30
T 31	2 38 4	7♏48'31	25♋30	0♐ 7	21♐51	18♎36	28♉47	18♎29	10♏51	13♊ 2	10♊22	19♈33	18♈28	23♐18	17♍10	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s11	27n 8	4n24	5s55	0n28	17s53	1s 5	1n14	0n57	19n20	1s 7	3s47	2n14	14s 9	0n24	20n54	1s33	11n 1	11s 9	7n43	7n51	27s31	2n 8	4s44
M 2	3 34	28 26	4 59	6 39	0 21	18 17	1 9	0 58	0 57	19 20	1 7	3 50	2 14	14 10	0 24	20 54	1 33	11 1	11 9	7 43	7 49	27 32	2 5	4 44
T 3	3 58	27 52	5 15	7 23	0 14	18 40	1 12	0 43	0 57	19 19	1 7	3 53	2 14	14 11	0 24	20 54	1 33	11 1	11 9	7 43	7 48	27 33	2 2	4 44
W 4	4 21	25 31	5 13	8 6	0 8	19 3	1 15	0 27	0 56	19 18	1 7	3 55	2 14	14 12	0 24	20 54	1 33	11 1	11 10	7 43	7 47	27 34	1 59	4 44
T 5	4 44	21 42	4 52	8 48	0 1	19 25	1 19	0 11	0 56	19 18	1 7	3 58	2 14	14 13	0 24	20 54	1 33	11 1	11 10	7 43	7 46	27 35	1 56	4 45
F 6	5 7	16 46	4 15	9 30	0s 6	19 46	1 22	0s 4	0 56	19 17	1 7	4 1	2 14	14 14	0 24	20 54	1 33	11 0	11 10	7 42	7 45	27 36	1 53	4 45
S 7	5 30	11 5	3 24	10 12	0 13	20 8	1 26	0 20	0 55	19 16	1 7	4 4	2 14	14 15	0 24	20 53	1 33	11 0	11 10	7 42	7 43	27 37	1 50	4 45
S 8	5 53	5 0	2 23	10 52	0 20	20 28	1 29	0 36	0 55	19 15	1 7	4 7	2 14	14 16	0 24	20 53	1 33	11 0	11 10	7 42	7 42	27 38	1 46	4 45
M 9	6 16	1s11	1 16	11 32	0 27	20 49	1 32	0 52	0 55	19 15	1 7	4 10	2 14	14 17	0 24	20 53	1 33	11 0	11 10	7 42	7 41	27 38	1 43	4 45
T 10	6 39	7 13	0 6	12 12	0 34	21 8	1 35	1 7	0 55	19 14	1 7	4 12	2 14	14 19	0 24	20 53	1 33	10 59	11 10	7 42	7 40	27 39	1 40	4 45
W11	7 2	12 52	1s 3	12 51	0 41	21 27	1 39	1 23	0 54	19 13	1 7	4 15	2 14	14 20	0 24	20 53	1 33	10 59	11 11	7 42	7 39	27 40	1 37	4 45
T 12	7 24	17 55	2 8	13 29	0 48	21 46	1 42	1 39	0 54	19 12	1 8	4 18	2 15	14 21	0 24	20 53	1 33	10 59	11 11	7 42	7 37	27 41	1 34	4 45
F 13	7 47	22 11	3 6	14 6	0 55	22 4	1 45	1 54	0 54	19 11	1 8	4 21	2 15	14 22	0 24	20 53	1 33	10 59	11 11	7 42	7 36	27 42	1 31	4 45
S 14	8 9	25 27	3 55	14 42	1 2	22 22	1 48	2 10	0 53	19 10	1 8	4 24	2 15	14 23	0 24	20 53	1 33	10 58	11 11	7 42	7 35	27 43	1 28	4 45
S 15	8 31	27 35	4 34	15 18	1 9	22 39	1 51	2 26	0 53	19 9	1 8	4 26	2 15	14 24	0 24	20 52	1 33	10 58	11 11	7 42	7 34	27 44	1 25	4 45
M16	8 54	28 28	5 1	15 53	1 15	22 55	1 54	2 41	0 53	19 8	1 8	4 29	2 15	14 25	0 24	20 52	1 33	10 58	11 11	7 42	7 33	27 45	1 22	4 45
T 17	9 16	28 2	5 15	16 27	1 22	23 11	1 58	2 57	0 52	19 7	1 8	4 32	2 15	14 27	0 24	20 52	1 33	10 58	11 12	7 42	7 31	27 45	1 19	4 45
W18	9 38	26 17	5 16	17 0	1 29	23 26	2 0	3 13	0 52	19 6	1 8	4 35	2 15	14 28	0 24	20 52	1 33	10 57	11 12	7 41	7 30	27 46	1 16	4 46
T 19	9 59	23 19	5 2	17 33	1 35	23 41	2 3	3 28	0 52	19 4	1 8	4 37	2 15	14 29	0 24	20 52	1 33	10 57	11 12	7 42	7 29	27 47	1 14	4 46
F 20	10 21	19 14	4 34	18 4	1 41	23 55	2 6	3 44	0 51	19 3	1 8	4 40	2 15	14 30	0 24	20 52	1 33	10 57	11 12	7 42	7 28	27 48	1 11	4 46
S 21	10 43	14 11	3 52	18 35	1 47	24 8	2 9	3 59	0 51	19 2	1 8	4 43	2 15	14 31	0 24	20 51	1 33	10 57	11 12	7 42	7 27	27 49	1 8	4 46
S 22	11 4	8 21	2 57	19 4	1 53	24 21	2 12	4 15	0 51	19 1	1 8	4 46	2 15	14 32	0 24	20 51	1 34	10 57	11 12	7 42	7 25	27 49	1 5	4 46
M23	11 25	1 58	1 51	19 33	1 59	24 33	2 15	4 30	0 50	18 59	1 8	4 48	2 15	14 34	0 24	20 51	1 34	10 56	11 12	7 43	7 24	27 50	1 2	4 46
T 24	11 46	4n42	0 36	20 0	2 4	24 44	2 17	4 46	0 50	18 58	1 8	4 51	2 15	14 35	0 24	20 51	1 34	10 56	11 12	7 43	7 23	27 51	0 59	4 46
W25	12 7	11 18	0n44	20 27	2 9	24 55	2 20	5 1	0 50	18 57	1 8	4 54	2 15	14 36	0 24	20 51	1 34	10 56	11 13	7 43	7 22	27 52	0 56	4 46
T 26	12 27	17 26	2 1	20 52	2 14	25 5	2 22	5 17	0 49	18 55	1 8	4 56	2 15	14 37	0 24	20 51	1 34	10 56	11 13	7 42	7 20	27 53	0 53	4 47
F 27	12 48	22 37	3 12	21 17	2 19	25 15	2 25	5 32	0 49	18 54	1 8	4 59	2 15	14 38	0 24	20 50	1 34	10 55	11 13	7 42	7 19	27 53	0 51	4 47
S 28	13 8	26 21	4 10	21 40	2 24	25 23	2 27	5 48	0 49	18 52	1 8	5 2	2 15	14 39	0 24	20 50	1 34	10 55	11 13	7 41	7 18	27 54	0 48	4 47
S 29	13 28	28 15	4 51	22 2	2 28	25 32	2 29	6 3	0 48	18 51	1 8	5 4	2 15	14 41	0 24	20 50	1 34	10 55	11 13	7 41	7 17	27 55	0 45	4 47
M30	13 48	28 10	5 12	22 23	2 32	25 39	2 32	6 18	0 48	18 49	1 8	5 7	2 15	14 42	0 24	20 50	1 34	10 55	11 13	7 40	7 16	27 56	0 42	4 47
T 31	14s 7	26n12	5n14	22s43	2s35	25s46	2s34	6s33	0n48	18n48	1s 8	5s 9	2n16	14s43	0n24	20n50	1s34	10n55	11s13	7n39	7n14	27s56	0n39	4s48

Julian Day Number = 2412737.5, Delta T = -4.90 sec
Ecliptic obliquity = 23°27'20, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°15'23, Lahiri = 22°22'24

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ASTRODIENST EPHEMERIS for the year 1893
geocentric

NOVEMBER 1893 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 42 1	8♏48'35	9♌30	1♐19	23♐ 0	19♎15	28°R40	18♎36	10♏55	13°R 1	10°R21	19°D33	18♈24	23♐25	17♍16	W 1
T 2	2 45 58	9°48'42	23°11	2°30	24° 9	19°54	28♉33	18°43	10°59	13♊ 0	10♊20	19♈33	18°21	23°31	17°23	T 2
F 3	2 49 54	10°48'50	6♍34	3°40	25°18	20°34	28°25	18°50	11° 2	12°58	10°19	19°35	18°18	23°38	17°29	F 3
S 4	2 53 51	11°49'01	19°40	4°46	26°26	21°13	28°18	18°57	11° 6	12°57	10°18	19°36	18°15	23°45	17°36	S 4
S 5	2 57 47	12°49'13	2♎30	5°51	27°35	21°52	28°10	19° 4	11°10	12°56	10°17	19°38	18°12	23°52	17°42	S 5
M 6	3 1 44	13°49'28	15° 7	6°52	28°43	22°32	28° 3	19°11	11°14	12°54	10°16	19°R39	18° 9	23°58	17°48	M 6
T 7	3 5 40	14°49'44	27°33	7°50	29°51	23°11	27°55	19°18	11°17	12°53	10°15	19°38	18° 5	24° 5	17°54	T 7
W 8	3 9 37	15°50'03	9♏49	8°45	0♑59	23°51	27°47	19°24	11°21	12°51	10°14	19°37	18° 2	24°12	18° 1	W 8
T 9	3 13 33	16°50'23	21°57	9°36	2° 7	24°30	27°39	19°31	11°25	12°50	10°13	19°34	17°59	24°18	18° 7	T 9
F 10	3 17 30	17°50'45	3♐57	10°23	3°15	25°10	27°31	19°38	11°29	12°48	10°12	19°30	17°56	24°25	18°12	F 10
S 11	3 21 27	18°51'08	15°52	11° 4	4°22	25°49	27°23	19°45	11°32	12°47	10°11	19°24	17°53	24°32	18°18	S 11
S 12	3 25 23	19°51'33	27°44	11°40	5°30	26°29	27°15	19°51	11°36	12°45	10°10	19°19	17°49	24°39	18°24	S 12
M13	3 29 20	20°52'00	9♑34	12°10	6°37	27° 8	27° 7	19°58	11°40	12°44	10° 9	19°13	17°46	24°45	18°30	M13
T 14	3 33 16	21°52'28	21°26	12°33	7°44	27°48	26°59	20° 5	11°43	12°42	10° 8	19° 8	17°43	24°52	18°35	T 14
W15	3 37 13	22°52'57	3♒24	12°48	8°51	28°28	26°51	20°11	11°47	12°41	10° 7	19° 5	17°40	24°59	18°41	W15
T 16	3 41 9	23°53'28	15°32	12°R55	9°58	29° 7	26°43	20°18	11°51	12°39	10° 6	19° 3	17°37	25° 5	18°46	T 16
F 17	3 45 6	24°54'00	27°53	12°52	11° 5	29°47	26°34	20°24	11°55	12°37	10° 5	19°D 3	17°34	25°12	18°52	F 17
S 18	3 49 3	25°54'33	10♓33	12°40	12°11	0♏27	26°26	20°31	11°58	12°36	10° 4	19° 4	17°30	25°19	18°57	S 18
S 19	3 52 59	26°55'07	23°37	12°18	13°17	1° 6	26°18	20°37	12° 2	12°34	10° 3	19° 5	17°27	25°26	19° 2	S 19
M20	3 56 56	27°55'43	7♈ 7	11°45	14°23	1°46	26°10	20°44	12° 6	12°33	10° 2	19° 7	17°24	25°32	19° 7	M20
T 21	4 0 52	28°56'20	21° 5	11° 1	15°29	2°26	26° 2	20°50	12° 9	12°31	10° 0	19°R 7	17°21	25°39	19°12	T 21
W22	4 4 49	29°56'58	5♉30	10° 7	16°35	3° 6	25°54	20°56	12°13	12°29	9°59	19° 6	17°18	25°46	19°17	W22
T 23	4 8 45	0♐57'37	20°20	9° 4	17°40	3°46	25°45	21° 3	12°16	12°28	9°58	19° 3	17°15	25°52	19°22	T 23
F 24	4 12 42	1°58'18	5♊26	7°52	18°45	4°25	25°37	21° 9	12°20	12°26	9°57	18°58	17°11	25°59	19°26	F 24
S 25	4 16 38	2°59'00	20°40	6°35	19°50	5° 5	25°29	21°15	12°24	12°24	9°56	18°51	17° 8	26° 6	19°31	S 25
S 26	4 20 35	3°59'43	5♋50	5°14	20°54	5°45	25°21	21°21	12°27	12°23	9°55	18°44	17° 5	26°13	19°36	S 26
M27	4 24 32	5° 0'28	20°47	3°51	21°59	6°25	25°13	21°27	12°31	12°21	9°54	18°37	17° 2	26°19	19°40	M27
T 28	4 28 28	6° 1'15	5♌24	2°30	23° 3	7° 5	25° 5	21°33	12°34	12°19	9°52	18°32	16°59	26°26	19°44	T 28
W29	4 32 25	7° 2'03	19°35	1°14	24° 6	7°45	24°58	21°39	12°38	12°18	9°51	18°29	16°55	26°33	19°49	W29
T 30	4 36 21	8♐ 2'52	3♍19	0♐ 4	25♑10	8♏25	24♉50	21♎45	12♏41	12♊16	9♊50	18°D27	16♈52	26♐39	19♍53	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s27	22n39	4n57	23s 1	2s38	25s52	2s36	6s49	0n47	18n46	1s 8	5s12	2n16	14s44	0n24	20n49	1s34	10n54	11s13	7n39	7n13	27s57	0n37	4s48
T 2	14 46	17 56	4 23	23 18	2 41	25 57	2 38	7 4	0 47	18 45	1 8	5 15	2 16	14 45	0 24	20 49	1 34	10 54	11 13	7 39	7 12	27 58	0 34	4 48
F 3	15 5	12 26	3 35	23 34	2 43	26 2	2 40	7 19	0 46	18 43	1 8	5 17	2 16	14 46	0 24	20 49	1 34	10 54	11 13	7 40	7 11	27 59	0 31	4 48
S 4	15 23	6 31	2 38	23 48	2 45	26 6	2 41	7 34	0 46	18 41	1 8	5 20	2 16	14 48	0 24	20 49	1 34	10 54	11 14	7 40	7 10	27 59	0 29	4 48
S 5	15 42	0 26	1 33	24 1	2 46	26 9	2 43	7 49	0 46	18 40	1 8	5 22	2 16	14 49	0 24	20 49	1 34	10 53	11 14	7 41	7 8	28 0	0 26	4 49
M 6	16 0	5s35	0 25	24 12	2 46	26 12	2 45	8 4	0 45	18 38	1 8	5 25	2 16	14 50	0 24	20 49	1 34	10 53	11 14	7 41	7 7	28 1	0 23	4 49
T 7	16 18	11 17	0s43	24 22	2 46	26 13	2 46	8 19	0 45	18 36	1 8	5 27	2 16	14 51	0 24	20 48	1 34	10 53	11 14	7 41	7 6	28 1	0 21	4 49
W 8	16 35	16 29	1 49	24 30	2 45	26 15	2 47	8 34	0 45	18 35	1 8	5 30	2 16	14 52	0 24	20 48	1 34	10 53	11 14	7 41	7 5	28 2	0 18	4 49
T 9	16 53	20 58	2 48	24 36	2 43	26 15	2 49	8 49	0 44	18 33	1 8	5 32	2 16	14 54	0 24	20 48	1 34	10 53	11 14	7 40	7 4	28 3	0 16	4 49
F 10	17 10	24 32	3 39	24 40	2 41	26 15	2 50	9 4	0 44	18 31	1 8	5 35	2 17	14 55	0 24	20 48	1 34	10 52	11 14	7 38	7 2	28 3	0 13	4 50
S 11	17 26	27 1	4 20	24 43	2 37	26 14	2 51	9 19	0 43	18 30	1 7	5 37	2 17	14 56	0 24	20 47	1 34	10 52	11 14	7 36	7 1	28 4	0 11	4 50
S 12	17 43	28 16	4 50	24 43	2 33	26 12	2 52	9 33	0 43	18 28	1 7	5 40	2 17	14 57	0 24	20 47	1 34	10 52	11 14	7 34	7 0	28 4	0 8	4 50
M13	17 59	28 13	5 7	24 42	2 27	26 10	2 53	9 48	0 43	18 26	1 7	5 42	2 17	14 58	0 24	20 47	1 34	10 52	11 14	7 32	6 59	28 5	0 6	4 50
T 14	18 15	26 52	5 11	24 38	2 20	26 7	2 53	10 3	0 42	18 24	1 7	5 44	2 17	14 59	0 24	20 47	1 34	10 52	11 14	7 30	6 57	28 6	0 3	4 51
W15	18 30	24 18	5 2	24 32	2 12	26 3	2 54	10 17	0 42	18 23	1 7	5 47	2 17	15 0	0 24	20 47	1 34	10 52	11 14	7 29	6 56	28 6	0 1	4 51
T 16	18 45	20 38	4 39	24 23	2 3	25 59	2 54	10 32	0 41	18 21	1 7	5 49	2 17	15 2	0 24	20 46	1 34	10 51	11 14	7 28	6 55	28 7	0s 1	4 51
F 17	19 0	16 1	4 3	24 12	1 51	25 54	2 55	10 46	0 41	18 19	1 7	5 51	2 17	15 3	0 24	20 46	1 34	10 51	11 14	7 28	6 54	28 8	0 4	4 52
S 18	19 15	10 37	3 14	23 58	1 39	25 48	2 55	11 0	0 40	18 17	1 7	5 54	2 18	15 4	0 24	20 46	1 34	10 51	11 14	7 28	6 53	28 8	0 6	4 52
S 19	19 29	4 35	2 14	23 41	1 25	25 42	2 55	11 15	0 40	18 15	1 7	5 56	2 18	15 5	0 24	20 46	1 34	10 51	11 14	7 29	6 51	28 9	0 8	4 52
M20	19 43	1n50	1 5	23 21	1 9	25 35	2 55	11 29	0 40	18 14	1 7	5 58	2 18	15 6	0 24	20 46	1 34	10 51	11 14	7 29	6 50	28 9	0 10	4 52
T 21	19 56	8 24	0n11	22 58	0 52	25 27	2 55	11 43	0 39	18 12	1 6	6 0	2 18	15 7	0 24	20 45	1 34	10 50	11 14	7 29	6 49	28 10	0 13	4 53
W22	20 9	14 45	1 28	22 32	0 33	25 19	2 55	11 57	0 39	18 10	1 6	6 3	2 18	15 8	0 24	20 45	1 34	10 50	11 14	7 29	6 48	28 10	0 15	4 53
T 23	20 22	20 25	2 41	22 3	0 14	25 10	2 54	12 11	0 38	18 8	1 6	6 5	2 18	15 9	0 24	20 45	1 34	10 50	11 14	7 28	6 47	28 11	0 17	4 53
F 24	20 34	24 54	3 44	21 32	0n 6	25 0	2 53	12 25	0 38	18 7	1 6	6 7	2 18	15 11	0 24	20 45	1 34	10 50	11 14	7 26	6 45	28 11	0 19	4 54
S 25	20 46	27 39	4 32	20 59	0 27	24 50	2 53	12 38	0 37	18 5	1 6	6 9	2 19	15 12	0 24	20 44	1 34	10 50	11 14	7 23	6 44	28 12	0 21	4 54
S 26	20 58	28 20	5 0	20 25	0 47	24 39	2 52	12 52	0 37	18 3	1 6	6 11	2 19	15 13	0 24	20 44	1 34	10 50	11 14	7 21	6 43	28 12	0 23	4 54
M27	21 9	26 55	5 8	19 50	1 7	24 28	2 51	13 6	0 36	18 1	1 6	6 13	2 19	15 14	0 24	20 44	1 34	10 50	11 14	7 18	6 42	28 13	0 25	4 54
T 28	21 20	23 42	4 55	19 17	1 26	24 16	2 50	13 19	0 36	18 0	1 5	6 15	2 19	15 15	0 24	20 44	1 34	10 49	11 14	7 16	6 40	28 14	0 27	4 55
W29	21 30	19 8	4 24	18 45	1 43	24 4	2 48	13 33	0 35	17 58	1 5	6 17	2 19	15 16	0 24	20 44	1 34	10 49	11 14	7 15	6 39	28 14	0 29	4 55
T 30	21s40	13n42	3n39	18s16	1n58	23s51	2s47	13s46	0n35	17n56	1s 5	6s19	2n19	15s17	0n24	20n43	1s34	10n49	11s14	7n14	6n38	28s14	0s31	4s55

Julian Day Number = 2412768.5, Delta T = -4.92 sec
Ecliptic obliquity = 23°27'20, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°15'28, Lahiri = 22°22'28

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1893
geocentric

DECEMBER 1893 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 40 18	9♐ 3'43	16♍38	29°R 3	26♑13	9♏ 5	24°R42	21♎50	12♏45	12°R14	9°R49	18♈27	16♈49	26♐46	19♍57	F 1
S 2	4 44 14	10° 4'35	29°34	28♏12	27°16	9°45	24♉34	21°56	12°48	12♊13	9♊48	18°28	16°46	26°53	20° 1	S 2
S 3	4 48 11	11° 5'28	12♎12	27°32	28°18	10°25	24°27	22° 2	12°52	12°11	9°47	18°R29	16°43	27° 0	20° 4	S 3
M 4	4 52 7	12° 6'23	24°35	27° 4	29°21	11° 5	24°19	22° 7	12°55	12° 9	9°46	18°29	16°40	27° 6	20° 8	M 4
T 5	4 56 4	13° 7'19	6♏46	26°47	0♒22	11°45	24°12	22°13	12°58	12° 7	9°44	18°27	16°36	27°13	20°12	T 5
W 6	5 0 1	14° 8'17	18°50	26°D41	1°24	12°25	24° 5	22°18	13° 2	12° 6	9°43	18°23	16°33	27°20	20°15	W 6
T 7	5 3 57	15° 9'15	0♐48	26°46	2°25	13° 5	23°58	22°24	13° 5	12° 4	9°42	18°16	16°30	27°26	20°19	T 7
F 8	5 7 54	16°10'14	12°42	27° 0	3°26	13°46	23°51	22°29	13° 8	12° 2	9°41	18° 6	16°27	27°33	20°22	F 8
S 9	5 11 50	17°11'15	24°34	27°23	4°26	14°26	23°44	22°34	13°12	12° 1	9°40	17°54	16°24	27°40	20°25	S 9
S 10	5 15 47	18°12'16	6♑26	27°54	5°26	15° 6	23°37	22°40	13°15	11°59	9°39	17°42	16°21	27°47	20°28	S 10
M11	5 19 43	19°13'18	18°18	28°32	6°25	15°46	23°30	22°45	13°18	11°57	9°38	17°30	16°17	27°53	20°31	M11
T 12	5 23 40	20°14'21	0♒13	29°16	7°24	16°27	23°24	22°50	13°21	11°56	9°37	17°19	16°14	28° 0	20°34	T 12
W13	5 27 36	21°15'24	12°12	0♐ 7	8°23	17° 7	23°17	22°55	13°25	11°54	9°35	17° 9	16°11	28° 7	20°36	W13
T 14	5 31 33	22°16'28	24°20	1° 2	9°21	17°47	23°11	23° 0	13°28	11°52	9°34	17° 3	16° 8	28°13	20°39	T 14
F 15	5 35 30	23°17'32	6♓39	2° 1	10°19	18°28	23° 5	23° 4	13°31	11°51	9°33	16°59	16° 5	28°20	20°42	F 15
S 16	5 39 26	24°18'36	19°13	3° 4	11°16	19° 8	22°59	23° 9	13°34	11°49	9°32	16°D58	16° 1	28°27	20°44	S 16
S 17	5 43 23	25°19'41	2♈ 8	4°11	12°12	19°48	22°53	23°14	13°37	11°47	9°31	16°58	15°58	28°34	20°46	S 17
M18	5 47 19	26°20'46	15°28	5°20	13° 8	20°29	22°48	23°18	13°40	11°46	9°30	16°R58	15°55	28°40	20°48	M18
T 19	5 51 16	27°21'51	29°15	6°32	14° 3	21° 9	22°42	23°23	13°43	11°44	9°29	16°58	15°52	28°47	20°50	T 19
W20	5 55 12	28°22'57	13♉31	7°47	14°58	21°50	22°37	23°27	13°46	11°42	9°28	16°55	15°49	28°54	20°52	W20
T 21	5 59 9	29°24'03	28°14	9° 3	15°52	22°30	22°32	23°32	13°49	11°41	9°27	16°50	15°46	29° 0	20°54	T 21
F 22	6 3 5	0♑25'09	13♊21	10°21	16°45	23°11	22°27	23°36	13°52	11°39	9°26	16°42	15°42	29° 7	20°56	F 22
S 23	6 7 2	1°26'15	28°41	11°40	17°38	23°51	22°22	23°40	13°55	11°38	9°25	16°32	15°39	29°14	20°57	S 23
S 24	6 10 59	2°27'22	14♋ 3	13° 1	18°30	24°32	22°17	23°44	13°57	11°36	9°23	16°21	15°36	29°21	20°59	S 24
M25	6 14 55	3°28'30	29°16	14°23	19°21	25°12	22°13	23°48	14° 0	11°34	9°22	16°10	15°33	29°27	21° 0	M25
T 26	6 18 52	4°29'37	14♌ 9	15°46	20°11	25°53	22° 9	23°52	14° 3	11°33	9°21	16° 0	15°30	29°34	21° 1	T 26
W27	6 22 48	5°30'45	28°35	17°10	21° 1	26°33	22° 5	23°56	14° 6	11°31	9°20	15°53	15°27	29°41	21° 2	W27
T 28	6 26 45	6°31'54	12♍30	18°35	21°49	27°14	22° 1	24° 0	14° 8	11°30	9°19	15°49	15°23	29°48	21° 3	T 28
F 29	6 30 41	7°33'02	25°56	20° 1	22°37	27°55	21°57	24° 3	14°11	11°28	9°18	15°47	15°20	29°54	21° 4	F 29
S 30	6 34 38	8°34'12	8♎55	21°27	23°24	28°35	21°54	24° 7	14°13	11°27	9°17	15°47	15°17	0♑ 1	21° 5	S 30
S 31	6 38 35	9♑35'21	21♎31	22♐54	24♒10	29♏16	21♉50	24♎11	14♏16	11♊25	9♊16	15♈47	15♈14	0♑ 8	21♍ 6	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	21s49	7n47	2n43	17s50	2n11	23s37	2s45	13s59	0n35	17n54	1s 5	6s21	2n20	15s18	0n24	20n43	1s34	10n49	11s14	7n14	6n37	28s15	0s33	4s56
S 2	21 59	1 42	1 40	17 29	2 21	23 23	2 43	14 12	0 34	17 53	1 5	6 23	2 20	15 19	0 24	20 43	1 34	10 49	11 14	7 15	6 36	28 15	0 35	4 56
S 3	22 7	4s18	0 34	17 11	2 30	23 9	2 41	14 25	0 34	17 51	1 5	6 25	2 20	15 20	0 24	20 43	1 34	10 49	11 14	7 15	6 34	28 16	0 37	4 56
M 4	22 15	10 2	0s33	16 59	2 36	22 53	2 39	14 38	0 33	17 49	1 4	6 27	2 20	15 21	0 24	20 43	1 34	10 49	11 14	7 15	6 33	28 16	0 38	4 57
T 5	22 23	15 18	1 36	16 51	2 41	22 38	2 37	14 51	0 33	17 48	1 4	6 29	2 20	15 22	0 24	20 42	1 34	10 49	11 14	7 14	6 32	28 17	0 40	4 57
W 6	22 31	19 55	2 35	16 47	2 43	22 22	2 34	15 4	0 32	17 46	1 4	6 31	2 20	15 23	0 24	20 42	1 34	10 48	11 14	7 13	6 31	28 17	0 42	4 57
T 7	22 38	23 41	3 26	16 47	2 44	22 5	2 31	15 17	0 32	17 45	1 4	6 33	2 21	15 24	0 24	20 42	1 34	10 48	11 14	7 10	6 29	28 18	0 43	4 58
F 8	22 44	26 26	4 8	16 51	2 44	21 48	2 28	15 29	0 31	17 43	1 4	6 35	2 21	15 25	0 24	20 42	1 34	10 48	11 14	7 6	6 28	28 18	0 45	4 58
S 9	22 50	27 59	4 38	16 58	2 42	21 31	2 25	15 42	0 31	17 42	1 3	6 36	2 21	15 26	0 24	20 41	1 34	10 48	11 14	7 2	6 27	28 18	0 46	4 58
S 10	22 56	28 15	4 57	17 8	2 39	21 13	2 22	15 54	0 30	17 40	1 3	6 38	2 21	15 27	0 24	20 41	1 34	10 48	11 14	6 57	6 26	28 19	0 48	4 59
M11	23 1	27 12	5 3	17 20	2 35	20 55	2 19	16 6	0 30	17 39	1 3	6 40	2 21	15 28	0 24	20 41	1 34	10 48	11 14	6 52	6 25	28 19	0 49	4 59
T 12	23 6	24 55	4 55	17 34	2 30	20 36	2 15	16 18	0 29	17 37	1 3	6 41	2 22	15 29	0 24	20 41	1 34	10 48	11 14	6 48	6 23	28 20	0 51	4 59
W13	23 10	21 32	4 35	17 50	2 25	20 17	2 11	16 30	0 29	17 36	1 2	6 43	2 22	15 30	0 24	20 41	1 34	10 48	11 13	6 45	6 22	28 20	0 52	5 0
T 14	23 14	17 13	4 2	18 7	2 19	19 58	2 7	16 42	0 28	17 35	1 2	6 45	2 22	15 31	0 24	20 40	1 34	10 48	11 13	6 42	6 21	28 20	0 54	5 0
F 15	23 17	12 8	3 17	18 25	2 12	19 38	2 3	16 54	0 27	17 33	1 2	6 46	2 22	15 32	0 24	20 40	1 34	10 48	11 13	6 41	6 20	28 21	0 55	5 1
S 16	23 20	6 26	2 22	18 44	2 5	19 18	1 58	17 5	0 27	17 32	1 2	6 48	2 23	15 33	0 24	20 40	1 34	10 48	11 13	6 40	6 18	28 21	0 56	5 1
S 17	23 22	0 20	1 18	19 4	1 58	18 58	1 54	17 17	0 26	17 31	1 2	6 49	2 23	15 34	0 24	20 40	1 34	10 48	11 13	6 40	6 17	28 21	0 57	5 1
M18	23 24	5n58	0 8	19 24	1 51	18 37	1 49	17 28	0 26	17 30	1 1	6 51	2 23	15 35	0 24	20 40	1 34	10 48	11 13	6 40	6 16	28 22	0 59	5 2
T 19	23 26	12 13	1n 5	19 44	1 43	18 16	1 44	17 39	0 25	17 29	1 1	6 52	2 23	15 35	0 24	20 39	1 34	10 48	11 13	6 40	6 15	28 22	1 0	5 2
W20	23 27	18 4	2 16	20 3	1 35	17 55	1 38	17 50	0 25	17 27	1 1	6 54	2 23	15 36	0 24	20 39	1 34	10 48	11 13	6 39	6 14	28 22	1 1	5 2
T 21	23 27	23 2	3 20	20 23	1 27	17 34	1 33	18 1	0 24	17 26	1 1	6 55	2 24	15 37	0 24	20 39	1 34	10 48	11 13	6 37	6 12	28 23	1 2	5 3
F 22	23 27	26 35	4 12	20 43	1 19	17 12	1 27	18 12	0 24	17 25	1 0	6 56	2 24	15 38	0 24	20 39	1 34	10 47	11 12	6 34	6 11	28 23	1 3	5 3
S 23	23 27	28 13	4 46	21 2	1 11	16 51	1 21	18 23	0 23	17 24	1 0	6 58	2 24	15 39	0 24	20 39	1 34	10 47	11 12	6 30	6 10	28 23	1 4	5 3
S 24	23 26	27 42	5 0	21 20	1 3	16 29	1 15	18 33	0 22	17 23	1 0	6 59	2 24	15 40	0 24	20 38	1 34	10 47	11 12	6 26	6 9	28 24	1 5	5 4
M25	23 25	25 5	4 53	21 38	0 55	16 7	1 8	18 43	0 22	17 23	1 0	7 0	2 25	15 41	0 24	20 38	1 34	10 47	11 12	6 22	6 7	28 24	1 5	5 4
T 26	23 23	20 50	4 26	21 55	0 47	15 45	1 2	18 54	0 21	17 22	0 59	7 1	2 25	15 41	0 24	20 38	1 34	10 47	11 12	6 18	6 6	28 24	1 6	5 4
W27	23 20	15 26	3 42	22 11	0 39	15 22	0 55	19 4	0 21	17 21	0 59	7 3	2 25	15 42	0 24	20 38	1 34	10 47	11 12	6 15	6 5	28 24	1 7	5 5
T 28	23 18	9 26	2 46	22 27	0 31	15 0	0 48	19 14	0 20	17 20	0 59	7 4	2 25	15 43	0 24	20 38	1 34	10 47	11 12	6 14	6 4	28 25	1 8	5 5
F 29	23 14	3 11	1 43	22 42	0 23	14 37	0 40	19 24	0 19	17 20	0 58	7 5	2 26	15 44	0 24	20 38	1 34	10 47	11 11	6 13	6 3	28 25	1 8	5 5
S 30	23 11	2s59	0 36	22 55	0 16	14 15	0 33	19 33	0 19	17 19	0 58	7 6	2 26	15 44	0 24	20 37	1 34	10 47	11 11	6 13	6 1	28 25	1 9	5 6
S 31	23s 7	8s52	0s30	23s 8	0n 8	13s52	0s25	19s43	0n18	17n18	0s58	7s 7	2n26	15s45	0n24	20n37	1s34	10n47	11s11	6n13	6n 0	28s25	1s 9	5s 6

Julian Day Number = 2412798.5, Delta T = -4.94 sec
Ecliptic obliquity = 23°27'20, Nutation = - 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°15'32, Lahiri = 22°22'32

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ASTRODIENST EPHEMERIS for the year 1894
geocentric

JANUARY 1894 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	6 42 31	10♑36'31	3♏49	24♐22	24♒55	29♏57	21°R47	24♎14	14♏19	11°R24	9°R15	15°R46	15♈11	0♑14	21♍ 6	M 1
T 2	6 46 28	11°37'41	15°54	25°50	25°39	0♐38	21♉44	24°17	14°21	11♊23	9♊15	15♈43	15° 7	0°21	21° 6	T 2
W 3	6 50 24	12°38'52	27°51	27°19	26°22	1°19	21°42	24°20	14°23	11°21	9°14	15°37	15° 4	0°28	21° 7	W 3
T 4	6 54 21	13°40'03	9♐43	28°48	27° 3	1°59	21°39	24°24	14°26	11°20	9°13	15°28	15° 1	0°35	21° 7	T 4
F 5	6 58 17	14°41'13	21°34	0♑18	27°44	2°40	21°37	24°27	14°28	11°18	9°12	15°16	14°58	0°41	21°R 7	F 5
S 6	7 2 14	15°42'24	3♑25	1°49	28°23	3°21	21°35	24°29	14°30	11°17	9°11	15° 2	14°55	0°48	21° 7	S 6
S 7	7 6 10	16°43'35	15°18	3°19	29° 1	4° 2	21°33	24°32	14°33	11°16	9°10	14°47	14°52	0°55	21° 6	S 7
M 8	7 10 7	17°44'45	27°16	4°50	29°38	4°43	21°31	24°35	14°35	11°14	9° 9	14°31	14°48	1° 1	21° 6	M 8
T 9	7 14 4	18°45'55	9♒17	6°22	0♓13	5°24	21°30	24°38	14°37	11°13	9° 8	14°17	14°45	1° 8	21° 6	T 9
W10	7 18 0	19°47'05	21°25	7°54	0°47	6° 5	21°29	24°40	14°39	11°12	9° 7	14° 6	14°42	1°15	21° 5	W10
T 11	7 21 57	20°48'14	3♓40	9°27	1°20	6°46	21°27	24°43	14°41	11°11	9° 7	13°57	14°39	1°22	21° 4	T 11
F 12	7 25 53	21°49'22	16° 4	11° 0	1°51	7°27	21°27	24°45	14°43	11° 9	9° 6	13°52	14°36	1°28	21° 4	F 12
S 13	7 29 50	22°50'30	28°42	12°33	2°20	8° 8	21°26	24°47	14°45	11° 8	9° 5	13°49	14°33	1°35	21° 3	S 13
S 14	7 33 46	23°51'38	11♈35	14° 8	2°48	8°49	21°26	24°49	14°47	11° 7	9° 4	13°D48	14°29	1°42	21° 2	S 14
M15	7 37 43	24°52'44	24°48	15°42	3°13	9°30	21°25	24°51	14°49	11° 6	9° 3	13°R48	14°26	1°48	21° 0	M15
T 16	7 41 39	25°53'50	8♉24	17°17	3°38	10°11	21°D25	24°53	14°51	11° 5	9° 3	13°48	14°23	1°55	20°59	T 16
W17	7 45 36	26°54'54	22°25	18°53	4° 0	10°52	21°26	24°55	14°52	11° 4	9° 2	13°46	14°20	2° 2	20°58	W17
T 18	7 49 33	27°55'58	6♊52	20°29	4°20	11°33	21°26	24°57	14°54	11° 3	9° 1	13°41	14°17	2° 9	20°56	T 18
F 19	7 53 29	28°57'02	21°42	22° 5	4°38	12°14	21°27	24°58	14°56	11° 2	9° 1	13°33	14°13	2°15	20°55	F 19
S 20	7 57 26	29°58'04	6♋48	23°42	4°54	12°56	21°27	25° 0	14°57	11° 1	9° 0	13°24	14°10	2°22	20°53	S 20
S 21	8 1 22	0♒59'06	22° 1	25°20	5° 9	13°37	21°28	25° 1	14°59	11° 0	8°59	13°13	14° 7	2°29	20°51	S 21
M22	8 5 19	2° 0'06	7♌10	26°58	5°20	14°18	21°30	25° 3	15° 0	10°59	8°59	13° 2	14° 4	2°36	20°49	M22
T 23	8 9 15	3° 1'06	22° 6	28°37	5°30	14°59	21°31	25° 4	15° 2	10°58	8°58	12°52	14° 1	2°42	20°47	T 23
W24	8 13 12	4° 2'05	6♍39	0♒17	5°37	15°41	21°33	25° 5	15° 3	10°57	8°57	12°45	13°58	2°49	20°45	W24
T 25	8 17 9	5° 3'04	20°43	1°57	5°42	16°22	21°35	25° 6	15° 5	10°56	8°57	12°41	13°54	2°56	20°43	T 25
F 26	8 21 5	6° 4'01	4♎18	3°38	5°45	17° 3	21°37	25° 7	15° 6	10°55	8°56	12°39	13°51	3° 2	20°40	F 26
S 27	8 25 2	7° 4'58	17°25	5°20	5°R45	17°45	21°39	25° 7	15° 7	10°54	8°56	12°D38	13°48	3° 9	20°38	S 27
S 28	8 28 58	8° 5'55	0♏ 6	7° 2	5°42	18°26	21°41	25° 8	15° 8	10°54	8°55	12°39	13°45	3°16	20°35	S 28
M29	8 32 55	9° 6'51	12°28	8°45	5°38	19° 7	21°44	25° 9	15°10	10°53	8°55	12°R39	13°42	3°23	20°32	M29
T 30	8 36 51	10° 7'46	24°34	10°28	5°30	19°49	21°47	25° 9	15°11	10°52	8°54	12°38	13°39	3°29	20°30	T 30
W31	8 40 48	11♒ 8'40	6♐31	12♒12	5♓20	20♐30	21♉50	25♎ 9	15♏12	10♊52	8♊54	12♈34	13♈35	3♑36	20♍27	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23s 2	14s16	1s34	23s20	0n 0	13s29	0s17	19s52	0n18	17n18	0s58	7s 8	2n26	15s46	0n24	20n37	1s34	10n48	11s11	6n12	5n59	28s26	1s10	5s 6
T 2	22 57	19 2	2 32	23 30	0s 7	13 7	0 8	20 1	0 17	17 17	0 57	7 9	2 27	15 47	0 24	20 37	1 34	10 48	11 11	6 11	5 58	28 26	1 10	5 7
W 3	22 51	22 59	3 22	23 40	0 14	12 44	0n 0	20 10	0 16	17 17	0 57	7 10	2 27	15 47	0 24	20 37	1 33	10 48	11 11	6 9	5 56	28 26	1 11	5 7
T 4	22 45	25 56	4 4	23 48	0 21	12 21	0 9	20 19	0 16	17 16	0 57	7 11	2 27	15 48	0 24	20 37	1 33	10 48	11 10	6 6	5 55	28 26	1 11	5 7
F 5	22 39	27 45	4 34	23 56	0 28	11 59	0 18	20 28	0 15	17 16	0 57	7 12	2 27	15 49	0 24	20 36	1 33	10 48	11 10	6 1	5 54	28 26	1 11	5 8
S 6	22 32	28 17	4 53	24 2	0 35	11 37	0 28	20 36	0 14	17 16	0 56	7 13	2 28	15 49	0 24	20 36	1 33	10 48	11 10	5 55	5 53	28 27	1 12	5 8
S 7	22 24	27 31	4 59	24 6	0 42	11 14	0 37	20 45	0 14	17 16	0 56	7 13	2 28	15 50	0 24	20 36	1 33	10 48	11 10	5 50	5 52	28 27	1 12	5 8
M 8	22 17	25 29	4 52	24 10	0 48	10 52	0 47	20 53	0 13	17 16	0 56	7 14	2 28	15 51	0 24	20 36	1 33	10 48	11 10	5 44	5 50	28 27	1 12	5 9
T 9	22 8	22 18	4 31	24 12	0 54	10 30	0 58	21 1	0 13	17 15	0 55	7 15	2 28	15 51	0 24	20 36	1 33	10 48	11 10	5 38	5 49	28 27	1 12	5 9
W10	22 0	18 8	3 59	24 13	1 0	10 8	1 8	21 9	0 12	17 15	0 55	7 15	2 29	15 52	0 24	20 36	1 33	10 48	11 9	5 34	5 48	28 27	1 12	5 9
T 11	21 51	13 12	3 15	24 13	1 6	9 47	1 19	21 16	0 11	17 15	0 55	7 16	2 29	15 53	0 24	20 36	1 33	10 48	11 9	5 30	5 47	28 27	1 12	5 10
F 12	21 41	7 40	2 21	24 11	1 12	9 25	1 30	21 24	0 11	17 15	0 55	7 17	2 29	15 53	0 24	20 36	1 33	10 48	11 9	5 28	5 45	28 28	1 12	5 10
S 13	21 31	1 44	1 19	24 9	1 17	9 4	1 41	21 31	0 10	17 15	0 54	7 17	2 29	15 54	0 24	20 35	1 33	10 48	11 9	5 27	5 44	28 28	1 12	5 10
S 14	21 21	4n24	0 12	24 4	1 22	8 44	1 53	21 38	0 9	17 16	0 54	7 18	2 30	15 54	0 24	20 35	1 33	10 48	11 9	5 27	5 43	28 28	1 12	5 11
M15	21 10	10 30	0n58	23 58	1 27	8 23	2 5	21 45	0 8	17 16	0 54	7 18	2 30	15 55	0 24	20 35	1 33	10 48	11 8	5 27	5 42	28 28	1 12	5 11
T 16	20 59	16 18	2 6	23 51	1 32	8 4	2 17	21 52	0 8	17 16	0 54	7 19	2 30	15 55	0 24	20 35	1 33	10 49	11 8	5 27	5 40	28 28	1 12	5 11
W17	20 47	21 26	3 9	23 43	1 36	7 44	2 29	21 58	0 7	17 16	0 53	7 19	2 30	15 56	0 24	20 35	1 33	10 49	11 8	5 26	5 39	28 28	1 11	5 11
T 18	20 35	25 26	4 2	23 33	1 40	7 25	2 42	22 5	0 6	17 17	0 53	7 20	2 31	15 56	0 24	20 35	1 33	10 49	11 8	5 24	5 38	28 28	1 11	5 12
F 19	20 23	27 51	4 40	23 21	1 44	7 6	2 55	22 11	0 6	17 17	0 53	7 20	2 31	15 57	0 24	20 35	1 33	10 49	11 7	5 21	5 37	28 28	1 10	5 12
S 20	20 10	28 16	4 59	23 9	1 48	6 48	3 8	22 17	0 5	17 18	0 52	7 20	2 31	15 57	0 24	20 35	1 33	10 49	11 7	5 17	5 36	28 28	1 10	5 12
S 21	19 57	26 33	4 58	22 54	1 51	6 31	3 21	22 23	0 4	17 18	0 52	7 20	2 32	15 58	0 24	20 35	1 33	10 49	11 7	5 13	5 34	28 28	1 10	5 12
M22	19 44	22 55	4 35	22 38	1 54	6 14	3 34	22 28	0 4	17 19	0 52	7 21	2 32	15 58	0 24	20 35	1 33	10 49	11 7	5 9	5 33	28 28	1 9	5 13
T 23	19 30	17 50	3 54	22 21	1 57	5 58	3 48	22 34	0 3	17 19	0 52	7 21	2 32	15 58	0 24	20 34	1 33	10 49	11 7	5 5	5 32	28 28	1 8	5 13
W24	19 16	11 51	2 59	22 2	1 59	5 43	4 2	22 39	0 2	17 20	0 51	7 21	2 32	15 59	0 24	20 34	1 33	10 50	11 6	5 2	5 31	28 28	1 8	5 13
T 25	19 1	5 25	1 54	21 42	2 1	5 28	4 15	22 44	0 1	17 21	0 51	7 21	2 33	15 59	0 24	20 34	1 33	10 50	11 6	5 1	5 29	28 28	1 7	5 13
F 26	18 46	1s 2	0 44	21 20	2 2	5 14	4 29	22 49	0 1	17 22	0 51	7 21	2 33	16 0	0 24	20 34	1 32	10 50	11 6	5 0	5 28	28 28	1 6	5 14
S 27	18 31	7 14	0s25	20 57	2 4	5 1	4 44	22 54	0s 0	17 23	0 50	7 21	2 33	16 0	0 24	20 34	1 32	10 50	11 6	5 0	5 27	28 28	1 6	5 14
S 28	18 15	12 57	1 32	20 32	2 4	4 48	4 58	22 58	0 1	17 23	0 50	7 21	2 33	16 0	0 24	20 34	1 32	10 50	11 5	5 0	5 26	28 28	1 5	5 14
M29	17 59	18 0	2 32	20 6	2 5	4 37	5 12	23 2	0 2	17 24	0 50	7 21	2 34	16 1	0 24	20 34	1 32	10 50	11 5	5 0	5 24	28 28	1 4	5 14
T 30	17 43	22 13	3 24	19 38	2 5	4 27	5 26	23 6	0 3	17 25	0 50	7 21	2 34	16 1	0 24	20 34	1 32	10 51	11 5	5 0	5 23	28 28	1 3	5 14
W31	17s27	25s27	4s 6	19s 8	2s 4	4s17	5n40	23s10	0s 3	17n26	0s49	7s21	2n34	16s 1	0n24	20n34	1s32	10n51	11s 5	4n58	5n22	28s28	1s 2	5s15

Julian Day Number = 2412829.5, Delta T = -4.95 sec
Ecliptic obliquity = 23°27'19, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°15'36, Lahiri = 22°22'36

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1894
geocentric

FEBRUARY 1894 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 44 44	12♒ 9'34	18♐22	13♒57	5°R 8	21♐12	21♉53	25♎10	15♏13	10°R51	8°R53	12°R28	13♈32	3♑43	20°R24	T 1
F 2	8 48 41	13°10'26	0♑12	15°43	4♓53	21°53	21°56	25°10	15°14	10♊50	8♊53	12♈20	13°29	3°49	20♍21	F 2
S 3	8 52 38	14°11'18	12° 4	17°29	4°36	22°35	22° 0	25°R10	15°14	10°50	8°52	12°10	13°26	3°56	20°18	S 3
S 4	8 56 34	15°12'09	24° 1	19°16	4°16	23°16	22° 4	25°10	15°15	10°49	8°52	11°58	13°23	4° 3	20°14	S 4
M 5	9 0 31	16°12'58	6♒ 5	21° 3	3°54	23°58	22° 8	25°10	15°16	10°49	8°52	11°47	13°19	4°10	20°11	M 5
T 6	9 4 27	17°13'46	18°17	22°51	3°30	24°40	22°12	25° 9	15°17	10°48	8°51	11°36	13°16	4°16	20° 8	T 6
W 7	9 8 24	18°14'33	0♓37	24°39	3° 3	25°21	22°16	25° 9	15°17	10°48	8°51	11°28	13°13	4°23	20° 4	W 7
T 8	9 12 20	19°15'19	13° 7	26°28	2°35	26° 3	22°21	25° 8	15°18	10°47	8°51	11°21	13°10	4°30	20° 1	T 8
F 9	9 16 17	20°16'03	25°47	28°17	2° 5	26°44	22°25	25° 8	15°18	10°47	8°50	11°18	13° 7	4°37	19°57	F 9
S 10	9 20 13	21°16'46	8♈38	0♓ 6	1°33	27°26	22°30	25° 7	15°19	10°47	8°50	11°D16	13° 4	4°43	19°53	S 10
S 11	9 24 10	22°17'27	21°42	1°55	0°59	28° 8	22°35	25° 6	15°19	10°46	8°50	11°17	13° 0	4°50	19°49	S 11
M12	9 28 6	23°18'06	5♉ 1	3°44	0°25	28°49	22°41	25° 5	15°20	10°46	8°50	11°18	12°57	4°57	19°45	M12
T 13	9 32 3	24°18'44	18°36	5°32	29♒49	29°31	22°46	25° 4	15°20	10°46	8°50	11°R19	12°54	5° 3	19°42	T 13
W14	9 36 0	25°19'20	2♊29	7°20	29°13	0♑13	22°52	25° 3	15°20	10°46	8°49	11°19	12°51	5°10	19°38	W14
T 15	9 39 56	26°19'55	16°41	9° 7	28°35	0°55	22°57	25° 2	15°20	10°45	8°49	11°17	12°48	5°17	19°33	T 15
F 16	9 43 53	27°20'27	1♋10	10°52	27°58	1°36	23° 3	25° 0	15°21	10°45	8°49	11°13	12°45	5°24	19°29	F 16
S 17	9 47 49	28°20'58	15°51	12°36	27°21	2°18	23°10	24°59	15°21	10°45	8°49	11° 8	12°41	5°30	19°25	S 17
S 18	9 51 46	29°21'27	0♌39	14°18	26°43	3° 0	23°16	24°57	15°R21	10°45	8°49	11° 1	12°38	5°37	19°21	S 18
M19	9 55 42	0♓21'54	15°27	15°57	26° 6	3°42	23°22	24°56	15°21	10°45	8°49	10°55	12°35	5°44	19°17	M19
T 20	9 59 39	1°22'20	0♍ 5	17°33	25°30	4°24	23°29	24°54	15°21	10°D45	8°49	10°49	12°32	5°50	19°12	T 20
W21	10 3 36	2°22'44	14°28	19° 5	24°55	5° 6	23°36	24°52	15°21	10°45	8°D49	10°44	12°29	5°57	19° 8	W21
T 22	10 7 32	3°23'06	28°29	20°33	24°21	5°47	23°42	24°50	15°20	10°45	8°49	10°42	12°25	6° 4	19° 3	T 22
F 23	10 11 29	4°23'26	12♎ 5	21°56	23°48	6°29	23°50	24°48	15°20	10°45	8°49	10°D41	12°22	6°11	18°59	F 23
S 24	10 15 25	5°23'45	25°16	23°13	23°17	7°11	23°57	24°46	15°20	10°45	8°49	10°42	12°19	6°17	18°54	S 24
S 25	10 19 22	6°24'03	8♏ 3	24°25	22°48	7°53	24° 4	24°44	15°20	10°45	8°49	10°44	12°16	6°24	18°50	S 25
M26	10 23 18	7°24'19	20°30	25°29	22°21	8°35	24°12	24°42	15°19	10°46	8°49	10°45	12°13	6°31	18°45	M26
T 27	10 27 15	8°24'34	2♐41	26°27	21°56	9°17	24°19	24°39	15°19	10°46	8°49	10°47	12°10	6°38	18°40	T 27
W28	10 31 11	9♓24'48	14♐40	27♓16	21♒33	9♑59	24♉27	24♎37	15♏18	10♊46	8♊49	10°R47	12♈ 6	6♑44	18♍36	W28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s10	27s33	4s38	18s37	2s 3	4s 9	5n54	23s14	0s 4	17n27	0s49	7s21	2n35	16s 1	0n24	20n34	1s32	10n51	11s 4	4n56	5n21	28s28	1s 1	5s15
F 2	16 52	28 24	4 57	18 5	2 2	4 1	6 7	23 17	0 5	17 29	0 49	7 20	2 35	16 2	0 24	20 34	1 32	10 51	11 4	4 53	5 20	28 28	1 0	5 15
S 3	16 35	27 57	5 4	17 31	2 0	3 55	6 21	23 21	0 6	17 30	0 49	7 20	2 35	16 2	0 24	20 34	1 32	10 51	11 4	4 49	5 18	28 28	0 59	5 15
S 4	16 17	26 12	4 57	16 55	1 58	3 50	6 34	23 24	0 6	17 31	0 48	7 20	2 35	16 2	0 24	20 34	1 32	10 51	11 4	4 44	5 17	28 28	0 58	5 15
M 5	15 59	23 14	4 37	16 18	1 55	3 45	6 47	23 26	0 7	17 32	0 48	7 20	2 36	16 2	0 24	20 34	1 32	10 52	11 3	4 40	5 16	28 28	0 56	5 15
T 6	15 41	19 14	4 5	15 40	1 51	3 42	6 59	23 29	0 8	17 34	0 48	7 19	2 36	16 3	0 24	20 34	1 32	10 52	11 3	4 36	5 15	28 28	0 55	5 15
W 7	15 22	14 23	3 20	15 0	1 47	3 41	7 11	23 31	0 9	17 35	0 48	7 19	2 36	16 3	0 24	20 34	1 32	10 52	11 3	4 32	5 13	28 28	0 54	5 15
T 8	15 3	8 52	2 25	14 19	1 43	3 40	7 23	23 34	0 10	17 36	0 47	7 18	2 36	16 3	0 24	20 34	1 32	10 52	11 3	4 30	5 12	28 28	0 53	5 16
F 9	14 44	2 56	1 22	13 36	1 37	3 40	7 34	23 36	0 11	17 38	0 47	7 18	2 37	16 3	0 24	20 34	1 32	10 53	11 2	4 28	5 11	28 28	0 51	5 16
S 10	14 25	3n12	0 14	12 52	1 31	3 42	7 44	23 37	0 11	17 39	0 47	7 17	2 37	16 3	0 24	20 34	1 32	10 53	11 2	4 28	5 10	28 28	0 50	5 16
S 11	14 5	9 20	0n56	12 7	1 25	3 45	7 53	23 39	0 12	17 41	0 47	7 17	2 37	16 3	0 24	20 34	1 32	10 53	11 2	4 28	5 8	28 27	0 48	5 16
M12	13 46	15 9	2 4	11 21	1 18	3 48	8 2	23 40	0 13	17 42	0 46	7 16	2 38	16 3	0 24	20 34	1 32	10 53	11 2	4 28	5 7	28 27	0 47	5 16
T 13	13 26	20 22	3 7	10 34	1 10	3 53	8 10	23 41	0 14	17 44	0 46	7 16	2 38	16 3	0 24	20 34	1 32	10 53	11 1	4 29	5 6	28 27	0 45	5 16
W14	13 5	24 36	4 1	9 46	1 1	3 59	8 17	23 42	0 15	17 46	0 46	7 15	2 38	16 4	0 24	20 34	1 31	10 54	11 1	4 29	5 5	28 27	0 44	5 16
T 15	12 45	27 27	4 41	8 58	0 52	4 6	8 23	23 43	0 16	17 47	0 46	7 14	2 38	16 4	0 24	20 34	1 31	10 54	11 1	4 28	5 3	28 27	0 42	5 16
F 16	12 24	28 31	5 4	8 9	0 42	4 14	8 28	23 43	0 17	17 49	0 45	7 14	2 39	16 4	0 24	20 34	1 31	10 54	11 0	4 26	5 2	28 27	0 41	5 16
S 17	12 3	27 36	5 8	7 19	0 31	4 22	8 32	23 44	0 17	17 51	0 45	7 13	2 39	16 4	0 24	20 34	1 31	10 54	11 0	4 24	5 1	28 26	0 39	5 16
S 18	11 42	24 45	4 51	6 30	0 20	4 32	8 36	23 44	0 18	17 53	0 45	7 12	2 39	16 4	0 24	20 34	1 31	10 55	11 0	4 22	5 0	28 26	0 37	5 16
M19	11 21	20 16	4 15	5 40	0 8	4 42	8 38	23 44	0 19	17 55	0 45	7 11	2 39	16 4	0 24	20 34	1 31	10 55	11 0	4 19	4 58	28 26	0 36	5 16
T 20	11 0	14 36	3 22	4 51	0n 4	4 52	8 39	23 43	0 20	17 56	0 44	7 10	2 40	16 4	0 24	20 34	1 31	10 55	10 59	4 17	4 57	28 26	0 34	5 16
W21	10 38	8 14	2 18	4 3	0 17	5 3	8 39	23 43	0 21	17 58	0 44	7 9	2 40	16 4	0 24	20 34	1 31	10 56	10 59	4 15	4 56	28 26	0 32	5 16
T 22	10 16	1 37	1 6	3 16	0 31	5 15	8 39	23 42	0 22	18 0	0 44	7 9	2 40	16 3	0 24	20 34	1 31	10 56	10 59	4 14	4 55	28 25	0 30	5 16
F 23	9 54	4s54	0s 8	2 31	0 45	5 27	8 37	23 41	0 23	18 2	0 44	7 8	2 40	16 3	0 24	20 34	1 31	10 56	10 59	4 14	4 54	28 25	0 29	5 15
S 24	9 32	11 0	1 19	1 47	0 59	5 39	8 35	23 39	0 24	18 4	0 43	7 7	2 40	16 3	0 24	20 34	1 31	10 56	10 58	4 14	4 52	28 25	0 27	5 15
S 25	9 10	16 28	2 24	1 5	1 14	5 52	8 31	23 38	0 25	18 6	0 43	7 6	2 41	16 3	0 24	20 35	1 31	10 57	10 58	4 15	4 51	28 25	0 25	5 15
M26	8 48	21 6	3 20	0 26	1 29	6 4	8 27	23 36	0 26	18 8	0 43	7 5	2 41	16 3	0 24	20 35	1 31	10 57	10 58	4 16	4 50	28 25	0 23	5 15
T 27	8 25	24 44	4 6	0n10	1 43	6 17	8 22	23 34	0 27	18 10	0 43	7 3	2 41	16 3	0 24	20 35	1 31	10 57	10 57	4 16	4 49	28 24	0 21	5 15
W28	8s 3	27s13	4s41	0n43	1n58	6s29	8n17	23s32	0s28	18n12	0s43	7s 2	2n41	16s 3	0n24	20n35	1s31	10n57	10s57	4n16	4n47	28s24	0s19	5s15

Julian Day Number = 2412860.5, Delta T = -4.97 sec
Ecliptic obliquity = 23°27'20, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°15'40, Lahiri = 22°22'41

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ASTRODIENST EPHEMERIS for the year 1894
geocentric

MARCH 1894 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 35 8	10♓24'59	26♐34	27♓57	21°R12	10♉41	24♉35	24°R34	15°R18	10♊46	8♊49	10°R45	12♈ 3	6♉51	18°R31	T 1
F 2	10 39 4	11°25'10	8♉25	28°29	20♒54	11°23	24°43	24♎32	15♏17	10°47	8°50	10♈43	12° 0	6°58	18♍26	F 2
S 3	10 43 1	12°25'18	20°20	28°52	20°38	12° 5	24°51	24°29	15°16	10°47	8°50	10°39	11°57	7° 4	18°22	S 3
S 4	10 46 58	13°25'25	2♒20	29° 6	20°24	12°47	25° 0	24°26	15°16	10°48	8°50	10°34	11°54	7°11	18°17	S 4
M 5	10 50 54	14°25'31	14°30	29°R11	20°13	13°30	25° 8	24°23	15°15	10°48	8°50	10°29	11°50	7°18	18°12	M 5
T 6	10 54 51	15°25'34	26°51	29° 6	20° 5	14°12	25°17	24°20	15°14	10°49	8°51	10°25	11°47	7°25	18° 7	T 6
W 7	10 58 47	16°25'36	9♓25	28°53	19°58	14°54	25°26	24°17	15°13	10°49	8°51	10°22	11°44	7°31	18° 2	W 7
T 8	11 2 44	17°25'36	22°13	28°31	19°55	15°36	25°35	24°14	15°12	10°50	8°51	10°19	11°41	7°38	17°58	T 8
F 9	11 6 40	18°25'34	5♈14	28° 1	19°D54	16°18	25°44	24°11	15°11	10°50	8°51	10°D18	11°38	7°45	17°53	F 9
S 10	11 10 37	19°25'30	18°27	27°24	19°55	17° 0	25°53	24° 7	15°10	10°51	8°52	10°18	11°35	7°52	17°48	S 10
S 11	11 14 33	20°25'24	1♉54	26°41	19°58	17°42	26° 2	24° 4	15° 9	10°51	8°52	10°19	11°31	7°58	17°43	S 11
M12	11 18 30	21°25'15	15°31	25°53	20° 4	18°25	26°11	24° 0	15° 8	10°52	8°53	10°21	11°28	8° 5	17°38	M12
T 13	11 22 27	22°25'05	29°20	25° 0	20°12	19° 7	26°21	23°57	15° 7	10°53	8°53	10°22	11°25	8°12	17°34	T 13
W14	11 26 23	23°24'53	13♊19	24° 5	20°23	19°49	26°31	23°53	15° 6	10°54	8°53	10°23	11°22	8°18	17°29	W14
T 15	11 30 20	24°24'38	27°27	23° 9	20°35	20°31	26°40	23°50	15° 4	10°54	8°54	10°R23	11°19	8°25	17°24	T 15
F 16	11 34 16	25°24'21	11♋42	22°12	20°50	21°14	26°50	23°46	15° 3	10°55	8°54	10°22	11°16	8°32	17°19	F 16
S 17	11 38 13	26°24'01	26° 2	21°16	21° 6	21°56	27° 0	23°42	15° 2	10°56	8°55	10°21	11°12	8°39	17°15	S 17
S 18	11 42 9	27°23'40	10♌23	20°22	21°25	22°38	27°10	23°38	15° 0	10°57	8°55	10°20	11° 9	8°45	17°10	S 18
M19	11 46 6	28°23'15	24°40	19°32	21°45	23°20	27°20	23°34	14°59	10°58	8°56	10°18	11° 6	8°52	17° 5	M19
T 20	11 50 2	29°22'49	8♍51	18°45	22° 7	24° 3	27°31	23°30	14°58	10°59	8°57	10°17	11° 3	8°59	17° 1	T 20
W21	11 53 59	0♈22'21	22°49	18° 3	22°31	24°45	27°41	23°26	14°56	11° 0	8°57	10°16	11° 0	9° 5	16°56	W21
T 22	11 57 56	1°21'50	6♎32	17°26	22°57	25°27	27°52	23°22	14°54	11° 1	8°58	10°D15	10°56	9°12	16°52	T 22
F 23	12 1 52	2°21'18	19°56	16°54	23°24	26°10	28° 2	23°18	14°53	11° 2	8°58	10°16	10°53	9°19	16°47	F 23
S 24	12 5 49	3°20'43	3♏ 2	16°28	23°53	26°52	28°13	23°14	14°51	11° 3	8°59	10°16	10°50	9°26	16°42	S 24
S 25	12 9 45	4°20'07	15°47	16° 8	24°24	27°34	28°24	23°10	14°50	11° 4	9° 0	10°17	10°47	9°32	16°38	S 25
M26	12 13 42	5°19'29	28°16	15°54	24°56	28°17	28°35	23° 6	14°48	11° 5	9° 0	10°17	10°44	9°39	16°34	M26
T 27	12 17 38	6°18'49	10♐29	15°46	25°29	28°59	28°46	23° 1	14°46	11° 6	9° 1	10°18	10°41	9°46	16°29	T 27
W28	12 21 35	7°18'07	22°32	15°D44	26° 4	29°41	28°57	22°57	14°44	11° 7	9° 2	10°18	10°37	9°53	16°25	W28
T 29	12 25 31	8°17'24	4♑27	15°48	26°40	0♒24	29° 8	22°53	14°42	11° 8	9° 2	10°R18	10°34	9°59	16°21	T 29
F 30	12 29 28	9°16'39	16°20	15°57	27°17	1° 6	29°19	22°48	14°41	11°10	9° 3	10°18	10°31	10° 6	16°17	F 30
S 31	12 33 25	10♈15'52	28♑15	16♓11	27♒56	1♒49	29♉31	22♎44	14♏39	11♊11	9♊ 4	10°D18	10♈28	10♑13	16♍12	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s40	28s28	5s 3	1n12	2n12	6s41	8n10	23s30	0s29	18n15	0s42	7s 1	2n42	16s 3	0n24	20n35	1s31	10n58	10s57	4n16	4n46	28s24	0s17	5s15
F 2	7 17	28 23	5 12	1 37	2 25	6 54	8 3	23 27	0 30	18 17	0 42	7 0	2 42	16 2	0 24	20 35	1 31	10 58	10 57	4 14	4 45	28 23	0 15	5 14
S 3	6 54	26 59	5 8	1 58	2 39	7 5	7 56	23 25	0 31	18 19	0 42	6 59	2 42	16 2	0 24	20 35	1 30	10 58	10 56	4 13	4 44	28 23	0 13	5 14
S 4	6 31	24 22	4 50	2 15	2 51	7 17	7 48	23 22	0 32	18 21	0 42	6 58	2 42	16 2	0 24	20 35	1 30	10 59	10 56	4 11	4 42	28 23	0 11	5 14
M 5	6 8	20 38	4 19	2 27	3 2	7 28	7 40	23 19	0 32	18 24	0 41	6 56	2 42	16 2	0 24	20 35	1 30	10 59	10 56	4 9	4 41	28 23	0 9	5 14
T 6	5 45	15 57	3 36	2 35	3 12	7 39	7 31	23 15	0 33	18 26	0 41	6 55	2 43	16 2	0 25	20 35	1 30	10 59	10 56	4 8	4 40	28 22	0 7	5 14
W 7	5 22	10 32	2 41	2 37	3 20	7 50	7 22	23 12	0 34	18 28	0 41	6 54	2 43	16 1	0 25	20 36	1 30	11 0	10 55	4 6	4 39	28 22	0 5	5 13
T 8	4 58	4 35	1 38	2 35	3 27	8 0	7 13	23 8	0 35	18 30	0 41	6 52	2 43	16 1	0 25	20 36	1 30	11 0	10 55	4 5	4 37	28 22	0 3	5 13
F 9	4 35	1n39	0 28	2 28	3 33	8 10	7 3	23 4	0 36	18 33	0 41	6 51	2 43	16 1	0 25	20 36	1 30	11 0	10 55	4 5	4 36	28 21	0 0	5 13
S 10	4 11	7 56	0n45	2 16	3 36	8 19	6 53	23 0	0 38	18 35	0 40	6 50	2 43	16 0	0 25	20 36	1 30	11 1	10 54	4 5	4 35	28 21	0n 2	5 13
S 11	3 48	13 57	1 56	2 1	3 38	8 27	6 43	22 55	0 39	18 37	0 40	6 48	2 44	16 0	0 25	20 36	1 30	11 1	10 54	4 5	4 34	28 20	0 4	5 12
M12	3 24	19 24	3 2	1 41	3 37	8 35	6 32	22 51	0 40	18 40	0 40	6 47	2 44	16 0	0 25	20 36	1 30	11 1	10 54	4 6	4 32	28 20	0 6	5 12
T 13	3 1	23 54	3 58	1 18	3 35	8 43	6 22	22 46	0 41	18 42	0 40	6 45	2 44	15 59	0 25	20 36	1 30	11 2	10 54	4 6	4 31	28 20	0 8	5 12
W14	2 37	27 4	4 41	0 52	3 31	8 49	6 12	22 41	0 42	18 45	0 40	6 44	2 44	15 59	0 25	20 37	1 30	11 2	10 53	4 7	4 30	28 19	0 10	5 11
T 15	2 13	28 33	5 8	0 24	3 24	8 56	6 1	22 35	0 43	18 47	0 39	6 42	2 44	15 59	0 25	20 37	1 30	11 2	10 53	4 7	4 29	28 19	0 12	5 11
F 16	1 50	28 11	5 16	0s 5	3 16	9 1	5 50	22 30	0 44	18 50	0 39	6 41	2 44	15 58	0 25	20 37	1 30	11 2	10 53	4 7	4 27	28 19	0 15	5 11
S 17	1 26	25 56	5 4	0 36	3 6	9 6	5 40	22 24	0 45	18 52	0 39	6 39	2 45	15 58	0 25	20 37	1 30	11 3	10 53	4 6	4 26	28 18	0 17	5 10
S 18	1 2	22 2	4 33	1 8	2 55	9 11	5 29	22 18	0 46	18 55	0 39	6 38	2 45	15 57	0 25	20 37	1 30	11 3	10 52	4 6	4 25	28 18	0 19	5 10
M19	0 38	16 51	3 46	1 39	2 43	9 15	5 18	22 12	0 47	18 57	0 39	6 36	2 45	15 57	0 25	20 37	1 30	11 3	10 52	4 5	4 24	28 17	0 21	5 9
T 20	0 15	10 49	2 45	2 10	2 30	9 18	5 7	22 6	0 48	19 0	0 38	6 35	2 45	15 57	0 25	20 38	1 29	11 4	10 52	4 4	4 22	28 17	0 23	5 9
W21	0n 9	4 18	1 35	2 39	2 15	9 20	4 57	22 0	0 49	19 2	0 38	6 33	2 45	15 56	0 25	20 38	1 29	11 4	10 52	4 4	4 21	28 16	0 25	5 8
T 22	0 33	2s17	0 21	3 7	2 1	9 22	4 46	21 53	0 50	19 5	0 38	6 31	2 45	15 56	0 25	20 38	1 29	11 4	10 51	4 4	4 20	28 16	0 28	5 8
F 23	0 56	8 38	0s53	3 33	1 45	9 23	4 36	21 46	0 51	19 7	0 38	6 30	2 45	15 55	0 25	20 38	1 29	11 5	10 51	4 4	4 19	28 16	0 30	5 8
S 24	1 20	14 27	2 3	3 58	1 30	9 24	4 25	21 39	0 52	19 10	0 38	6 28	2 46	15 55	0 25	20 38	1 29	11 5	10 51	4 4	4 17	28 15	0 32	5 7
S 25	1 43	19 31	3 4	4 20	1 15	9 23	4 15	21 32	0 53	19 12	0 38	6 27	2 46	15 54	0 25	20 39	1 29	11 6	10 51	4 4	4 16	28 15	0 34	5 7
M26	2 7	23 37	3 56	4 39	0 59	9 23	4 5	21 25	0 55	19 15	0 37	6 25	2 46	15 54	0 25	20 39	1 29	11 6	10 50	4 5	4 15	28 14	0 36	5 6
T 27	2 31	26 34	4 35	4 56	0 44	9 21	3 54	21 17	0 56	19 18	0 37	6 23	2 46	15 53	0 25	20 39	1 29	11 6	10 50	4 5	4 14	28 14	0 38	5 6
W28	2 54	28 16	5 2	5 11	0 29	9 19	3 44	21 9	0 57	19 20	0 37	6 22	2 46	15 53	0 25	20 39	1 29	11 7	10 50	4 5	4 12	28 13	0 41	5 5
T 29	3 17	28 38	5 15	5 23	0 14	9 16	3 34	21 1	0 58	19 23	0 37	6 20	2 46	15 52	0 25	20 39	1 29	11 7	10 50	4 5	4 11	28 13	0 43	5 5
F 30	3 41	27 40	5 15	5 33	0 0	9 13	3 24	20 53	0 59	19 25	0 37	6 18	2 46	15 51	0 25	20 40	1 29	11 7	10 49	4 5	4 10	28 12	0 45	5 4
S 31	4n 4	25s27	5s 2	5s40	0s13	9s 9	3n15	20s45	1s 0	19n28	0s36	6s16	2n46	15s51	0n25	20n40	1s29	11n 8	10s49	4n 5	4n 9	28s12	0n47	5s 4

Julian Day Number = 2412888.5, Delta T = -4.98 sec
Ecliptic obliquity = 23°27'20, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°15'44, Lahiri = 22°22'45

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ASTRODIENST EPHEMERIS for the year 1894
geocentric

APRIL 1894 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 37 21	11♈15'03	10♒17	16♓30	28♒35	2♒31	29♉42	22°R39	14°R37	11♊12	9♊ 5	10♈18	10♈25	10♉19	16°R 8	S 1
M 2	12 41 18	12°14'12	22°30	16°54	29°16	3°13	29°54	22♎35	14♏35	11°14	9° 6	10°18	10°22	10°26	16♍ 4	M 2
T 3	12 45 14	13°13'20	4♓57	17°23	29°58	3°56	0♊ 5	22°30	14°33	11°15	9° 6	10°19	10°18	10°33	16° 0	T 3
W 4	12 49 11	14°12'25	17°41	17°55	0♓41	4°38	0°17	22°26	14°31	11°16	9° 7	10°19	10°15	10°40	15°56	W 4
T 5	12 53 7	15°11'29	0♈44	18°32	1°25	5°21	0°29	22°21	14°29	11°18	9° 8	10°19	10°12	10°46	15°53	T 5
F 6	12 57 4	16°10'31	14° 5	19°13	2° 9	6° 3	0°41	22°17	14°26	11°19	9° 9	10°R19	10° 9	10°53	15°49	F 6
S 7	13 1 0	17° 9'30	27°44	19°58	2°55	6°46	0°52	22°12	14°24	11°21	9°10	10°19	10° 6	11° 0	15°45	S 7
S 8	13 4 57	18° 8'28	11♉37	20°46	3°42	7°28	1° 4	22° 7	14°22	11°22	9°11	10°18	10° 2	11° 6	15°42	S 8
M 9	13 8 54	19° 7'24	25°43	21°37	4°29	8°10	1°17	22° 3	14°20	11°24	9°12	10°17	9°59	11°13	15°38	M 9
T 10	13 12 50	20° 6'17	9♊56	22°32	5°17	8°53	1°29	21°58	14°18	11°25	9°13	10°16	9°56	11°20	15°35	T 10
W11	13 16 47	21° 5'08	24°13	23°29	6° 6	9°35	1°41	21°53	14°15	11°27	9°14	10°15	9°53	11°27	15°31	W11
T 12	13 20 43	22° 3'57	8♋30	24°29	6°56	10°18	1°53	21°49	14°13	11°28	9°15	10°14	9°50	11°33	15°28	T 12
F 13	13 24 40	23° 2'44	22°45	25°32	7°46	11° 0	2° 6	21°44	14°11	11°30	9°16	10°D14	9°47	11°40	15°25	F 13
S 14	13 28 36	24° 1'29	6♌54	26°38	8°37	11°42	2°18	21°40	14° 9	11°31	9°17	10°14	9°43	11°47	15°22	S 14
S 15	13 32 33	25° 0'11	20°55	27°46	9°29	12°25	2°30	21°35	14° 6	11°33	9°18	10°15	9°40	11°54	15°19	S 15
M16	13 36 29	25°58'50	4♍48	28°57	10°21	13° 7	2°43	21°30	14° 4	11°35	9°19	10°16	9°37	12° 0	15°16	M16
T 17	13 40 26	26°57'28	18°30	0♈10	11°14	13°50	2°56	21°26	14° 2	11°36	9°20	10°17	9°34	12° 7	15°13	T 17
W18	13 44 23	27°56'03	2♎ 0	1°25	12° 7	14°32	3° 8	21°21	13°59	11°38	9°21	10°18	9°31	12°14	15°11	W18
T 19	13 48 19	28°54'37	15°18	2°42	13° 1	15°14	3°21	21°17	13°57	11°40	9°22	10°R18	9°28	12°20	15° 8	T 19
F 20	13 52 16	29°53'08	28°23	4° 1	13°56	15°57	3°34	21°12	13°54	11°42	9°23	10°17	9°24	12°27	15° 5	F 20
S 21	13 56 12	0♉51'37	11♏13	5°23	14°51	16°39	3°47	21° 8	13°52	11°43	9°24	10°16	9°21	12°34	15° 3	S 21
S 22	14 0 9	1°50'05	23°49	6°46	15°47	17°21	3°59	21° 3	13°49	11°45	9°25	10°13	9°18	12°41	15° 1	S 22
M23	14 4 5	2°48'31	6♐12	8°11	16°43	18° 4	4°12	20°59	13°47	11°47	9°26	10° 9	9°15	12°47	14°58	M23
T 24	14 8 2	3°46'55	18°24	9°39	17°40	18°46	4°25	20°54	13°45	11°49	9°27	10° 5	9°12	12°54	14°56	T 24
W25	14 11 58	4°45'18	0♑26	11° 8	18°37	19°28	4°38	20°50	13°42	11°51	9°29	10° 2	9° 8	13° 1	14°54	W25
T 26	14 15 55	5°43'39	12°21	12°39	19°34	20°11	4°51	20°45	13°40	11°53	9°30	9°59	9° 5	13° 8	14°52	T 26
F 27	14 19 52	6°41'59	24°14	14°12	20°32	20°53	5° 5	20°41	13°37	11°54	9°31	9°57	9° 2	13°14	14°51	F 27
S 28	14 23 48	7°40'17	6♒ 8	15°47	21°30	21°35	5°18	20°37	13°35	11°56	9°32	9°D56	8°59	13°21	14°49	S 28
S 29	14 27 45	8°38'33	18°10	17°24	22°29	22°17	5°31	20°32	13°32	11°58	9°33	9°57	8°56	13°28	14°47	S 29
M30	14 31 41	9♉36'48	0♓22	19♈ 2	23♓28	23♒ 0	5♊44	20♎28	13♏29	12♊ 0	9♊34	9♈58	8♈53	13♉34	14♍46	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n27	22s 5	4s35	5s44	0s26	9s 5	3n 5	20s36	1s 1	19n31	0s36	6s15	2n46	15s50	0n25	20n40	1s29	11n 8	10s49	4n 5	4n 8	28s11	0n49	5s 3
M 2	4 50	17 43	3 55	5 47	0 39	8 59	2 56	20 28	1 3	19 33	0 36	6 13	2 46	15 50	0 25	20 40	1 29	11 8	10 49	4 5	4 6	28 10	0 51	5 2
T 3	5 13	12 33	3 4	5 46	0 51	8 54	2 46	20 19	1 4	19 36	0 36	6 11	2 46	15 49	0 25	20 41	1 29	11 9	10 48	4 5	4 5	28 10	0 53	5 2
W 4	5 36	6 44	2 2	5 44	1 2	8 47	2 37	20 10	1 5	19 38	0 36	6 10	2 46	15 49	0 25	20 41	1 29	11 9	10 48	4 5	4 4	28 9	0 55	5 1
T 5	5 59	0 31	0 53	5 40	1 13	8 40	2 28	20 1	1 6	19 41	0 36	6 8	2 46	15 48	0 25	20 41	1 29	11 9	10 48	4 5	4 3	28 9	0 57	5 1
F 6	6 22	5n53	0n21	5 33	1 23	8 33	2 19	19 51	1 7	19 44	0 35	6 6	2 47	15 47	0 25	20 41	1 29	11 10	10 48	4 5	4 1	28 8	0 59	5 0
S 7	6 45	12 9	1 35	5 24	1 33	8 25	2 10	19 42	1 8	19 46	0 35	6 4	2 47	15 47	0 25	20 42	1 29	11 10	10 48	4 5	4 0	28 8	1 1	5 0
S 8	7 7	17 56	2 45	5 13	1 42	8 16	2 2	19 32	1 10	19 49	0 35	6 3	2 47	15 46	0 25	20 42	1 29	11 10	10 47	4 5	3 59	28 7	1 3	4 59
M 9	7 30	22 51	3 46	5 1	1 50	8 7	1 53	19 22	1 11	19 52	0 35	6 1	2 47	15 45	0 25	20 42	1 28	11 11	10 47	4 5	3 58	28 6	1 5	4 58
T 10	7 52	26 27	4 33	4 46	1 58	7 57	1 45	19 12	1 12	19 54	0 35	5 59	2 47	15 45	0 25	20 42	1 28	11 11	10 47	4 4	3 56	28 6	1 7	4 58
W11	8 14	28 23	5 4	4 30	2 5	7 47	1 37	19 2	1 13	19 57	0 35	5 57	2 47	15 44	0 25	20 43	1 28	11 11	10 47	4 4	3 55	28 5	1 9	4 57
T 12	8 36	28 26	5 16	4 12	2 12	7 36	1 29	18 52	1 14	19 59	0 35	5 56	2 47	15 43	0 25	20 43	1 28	11 12	10 46	4 3	3 54	28 5	1 10	4 56
F 13	8 58	26 36	5 9	3 53	2 18	7 25	1 21	18 42	1 16	20 2	0 34	5 54	2 47	15 43	0 25	20 43	1 28	11 12	10 46	4 3	3 53	28 4	1 12	4 56
S 14	9 20	23 7	4 43	3 31	2 23	7 13	1 13	18 31	1 17	20 5	0 34	5 52	2 47	15 42	0 25	20 43	1 28	11 12	10 46	4 3	3 51	28 3	1 14	4 55
S 15	9 41	18 19	4 0	3 9	2 28	7 1	1 5	18 20	1 18	20 7	0 34	5 51	2 47	15 41	0 25	20 44	1 28	11 13	10 46	4 4	3 50	28 3	1 16	4 54
M16	10 3	12 36	3 4	2 44	2 32	6 48	0 58	18 9	1 19	20 10	0 34	5 49	2 47	15 41	0 25	20 44	1 28	11 13	10 46	4 4	3 49	28 2	1 18	4 54
T 17	10 24	6 21	1 57	2 19	2 35	6 35	0 50	17 58	1 20	20 12	0 34	5 47	2 47	15 40	0 25	20 44	1 28	11 13	10 45	4 5	3 48	28 1	1 19	4 53
W18	10 45	0s 6	0 46	1 51	2 38	6 21	0 43	17 47	1 22	20 15	0 34	5 45	2 47	15 39	0 25	20 44	1 28	11 14	10 45	4 5	3 46	28 1	1 21	4 52
T 19	11 6	6 27	0s28	1 23	2 41	6 7	0 36	17 36	1 23	20 17	0 34	5 44	2 47	15 39	0 25	20 45	1 28	11 14	10 45	4 5	3 45	28 0	1 23	4 52
F 20	11 26	12 26	1 38	0 53	2 42	5 52	0 29	17 24	1 24	20 20	0 33	5 42	2 47	15 38	0 25	20 45	1 28	11 14	10 45	4 5	3 44	27 59	1 24	4 51
S 21	11 47	17 46	2 42	0 22	2 44	5 37	0 23	17 13	1 25	20 23	0 33	5 41	2 46	15 37	0 25	20 45	1 28	11 15	10 45	4 4	3 43	27 59	1 26	4 50
S 22	12 7	22 14	3 37	0n10	2 44	5 22	0 16	17 1	1 27	20 25	0 33	5 39	2 46	15 36	0 25	20 46	1 28	11 15	10 45	4 3	3 41	27 58	1 27	4 49
M23	12 27	25 38	4 20	0 44	2 44	5 6	0 10	16 49	1 28	20 28	0 33	5 37	2 46	15 36	0 25	20 46	1 28	11 15	10 44	4 1	3 40	27 57	1 29	4 49
T 24	12 47	27 47	4 51	1 19	2 44	4 50	0 3	16 37	1 29	20 30	0 33	5 36	2 46	15 35	0 25	20 46	1 28	11 16	10 44	4 0	3 39	27 56	1 30	4 48
W25	13 7	28 36	5 9	1 54	2 43	4 33	0s 3	16 25	1 30	20 33	0 33	5 34	2 46	15 34	0 25	20 46	1 28	11 16	10 44	3 59	3 38	27 56	1 32	4 47
T 26	13 26	28 5	5 13	2 31	2 42	4 16	0 9	16 13	1 32	20 35	0 33	5 32	2 46	15 33	0 25	20 47	1 28	11 16	10 44	3 57	3 36	27 55	1 33	4 47
F 27	13 46	26 16	5 4	3 9	2 39	3 59	0 15	16 1	1 33	20 38	0 32	5 31	2 46	15 33	0 25	20 47	1 28	11 17	10 44	3 57	3 35	27 54	1 35	4 46
S 28	14 5	23 17	4 41	3 48	2 37	3 41	0 21	15 48	1 34	20 40	0 32	5 29	2 46	15 32	0 25	20 47	1 28	11 17	10 44	3 56	3 34	27 53	1 36	4 45
S 29	14 24	19 18	4 7	4 28	2 34	3 23	0 26	15 36	1 36	20 43	0 32	5 28	2 46	15 31	0 25	20 48	1 28	11 17	10 43	3 56	3 33	27 53	1 37	4 44
M30	14n42	14s28	3s20	5n 9	2s30	3s 5	0s32	15s23	1s37	20n45	0s32	5s26	2n46	15s30	0n25	20n48	1s28	11n18	10s43	3n57	3n31	27s52	1n39	4s44

Julian Day Number = 2412919.5, Delta T = -4.99 sec
Ecliptic obliquity = 23°27'20, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°15'48, Lahiri = 22°22'49

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ASTRODIENST EPHEMERIS for the year 1894
geocentric

MAY 1894 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	14 35 38	10♉35'01	12♓50	20♈43	24♓28	23♒42	5♊58	20°R24	13°R27	12♊ 2	9♊36	10♈ 0	8♈49	13♑41	14°R45	T 1
W 2	14 39 34	11°33'13	25°38	22°25	25°28	24°24	6°11	20♎20	13♏24	12° 4	9°37	10° 1	8°46	13°48	14♍43	W 2
T 3	14 43 31	12°31'23	8♈48	24° 9	26°28	25° 6	6°24	20°16	13°22	12° 6	9°38	10°R 2	8°43	13°55	14°42	T 3
F 4	14 47 27	13°29'32	22°22	25°55	27°28	25°48	6°38	20°12	13°19	12° 8	9°39	10° 1	8°40	14° 1	14°41	F 4
S 5	14 51 24	14°27'39	6♉20	27°43	28°29	26°31	6°51	20° 8	13°17	12°10	9°41	9°59	8°37	14° 8	14°40	S 5
S 6	14 55 21	15°25'44	20°38	29°33	29°30	27°13	7° 5	20° 4	13°14	12°12	9°42	9°55	8°33	14°15	14°39	S 6
M 7	14 59 17	16°23'48	5♊11	1♉24	0♈32	27°55	7°18	20° 0	13°12	12°14	9°43	9°50	8°30	14°21	14°39	M 7
T 8	15 3 14	17°21'51	19°52	3°17	1°34	28°37	7°32	19°56	13° 9	12°16	9°44	9°45	8°27	14°28	14°38	T 8
W 9	15 7 10	18°19'51	4♋35	5°13	2°36	29°19	7°45	19°52	13° 7	12°18	9°46	9°39	8°24	14°35	14°38	W 9
T 10	15 11 7	19°17'50	19°11	7°10	3°38	0♓ 1	7°59	19°48	13° 4	12°21	9°47	9°35	8°21	14°42	14°37	T 10
F 11	15 15 3	20°15'47	3♌36	9° 9	4°40	0°43	8°12	19°45	13° 2	12°23	9°48	9°32	8°18	14°48	14°37	F 11
S 12	15 19 0	21°13'42	17°47	11° 9	5°43	1°25	8°26	19°41	12°59	12°25	9°50	9°D31	8°14	14°55	14°37	S 12
S 13	15 22 56	22°11'35	1♍41	13°12	6°46	2° 6	8°40	19°38	12°57	12°27	9°51	9°31	8°11	15° 2	14°D37	S 13
M14	15 26 53	23° 9'27	15°18	15°16	7°49	2°48	8°54	19°34	12°54	12°29	9°52	9°32	8° 8	15° 9	14°37	M14
T 15	15 30 50	24° 7'16	28°41	17°21	8°53	3°30	9° 7	19°31	12°52	12°31	9°54	9°33	8° 5	15°15	14°37	T 15
W16	15 34 46	25° 5'04	11♎49	19°28	9°56	4°12	9°21	19°27	12°49	12°33	9°55	9°R34	8° 2	15°22	14°37	W16
T 17	15 38 43	26° 2'50	24°44	21°36	11° 0	4°53	9°35	19°24	12°47	12°35	9°56	9°33	7°59	15°29	14°38	T 17
F 18	15 42 39	27° 0'35	7♏27	23°46	12° 4	5°35	9°49	19°21	12°44	12°38	9°58	9°30	7°55	15°35	14°38	F 18
S 19	15 46 36	27°58'18	20° 0	25°56	13° 9	6°17	10° 2	19°18	12°42	12°40	9°59	9°24	7°52	15°42	14°39	S 19
S 20	15 50 32	28°56'00	2♐23	28° 7	14°13	6°58	10°16	19°15	12°39	12°42	10° 0	9°17	7°49	15°49	14°40	S 20
M21	15 54 29	29°53'41	14°36	0♊18	15°18	7°40	10°30	19°12	12°37	12°44	10° 2	9° 8	7°46	15°56	14°41	M21
T 22	15 58 25	0♊51'21	26°42	2°30	16°23	8°21	10°44	19° 9	12°35	12°46	10° 3	8°58	7°43	16° 2	14°42	T 22
W23	16 2 22	1°48'59	8♑40	4°42	17°28	9° 3	10°58	19° 6	12°32	12°49	10° 4	8°49	7°39	16° 9	14°43	W23
T 24	16 6 19	2°46'36	20°34	6°53	18°33	9°44	11°12	19° 4	12°30	12°51	10° 6	8°40	7°36	16°16	14°44	T 24
F 25	16 10 15	3°44'12	2♒25	9° 4	19°39	10°25	11°26	19° 1	12°28	12°53	10° 7	8°34	7°33	16°23	14°45	F 25
S 26	16 14 12	4°41'48	14°19	11°14	20°44	11° 7	11°39	18°58	12°25	12°55	10° 9	8°29	7°30	16°29	14°47	S 26
S 27	16 18 8	5°39'22	26°18	13°22	21°50	11°48	11°53	18°56	12°23	12°57	10°10	8°27	7°27	16°36	14°48	S 27
M28	16 22 5	6°36'55	8♓28	15°30	22°56	12°29	12° 7	18°54	12°21	13° 0	10°11	8°D27	7°24	16°43	14°50	M28
T 29	16 26 1	7°34'28	20°53	17°35	24° 2	13°10	12°21	18°51	12°19	13° 2	10°13	8°27	7°20	16°49	14°52	T 29
W30	16 29 58	8°31'59	3♈39	19°39	25° 8	13°51	12°35	18°49	12°17	13° 4	10°14	8°R28	7°17	16°56	14°54	W30
T 31	16 33 54	9♊29'30	16♈50	21♊41	26♈15	14♓32	12♊49	18♎47	12♏14	13♊ 6	10♊15	8♈28	7♈14	17♑ 3	14♍56	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	15n 0	8s57	2s23	5n50	2s26	2s46	0s37	15s10	1s38	20n48	0s32	5s25	2n46	15s30	0n25	20n48	1s28	11n18	10s43	3n58	3n30	27s51	1n40	4s43
W 2	15 19	2 56	1 18	6 33	2 21	2 27	0 42	14 57	1 39	20 50	0 32	5 23	2 46	15 29	0 25	20 48	1 28	11 18	10 43	3 58	3 29	27 50	1 41	4 42
T 3	15 36	3n23	0 7	7 16	2 16	2 7	0 47	14 45	1 41	20 52	0 32	5 22	2 46	15 28	0 25	20 49	1 28	11 19	10 43	3 58	3 28	27 49	1 42	4 41
F 4	15 54	9 45	1n 7	8 0	2 10	1 48	0 52	14 31	1 42	20 55	0 32	5 21	2 45	15 27	0 25	20 49	1 28	11 19	10 43	3 58	3 26	27 49	1 43	4 40
S 5	16 11	15 49	2 18	8 44	2 4	1 28	0 56	14 18	1 43	20 57	0 31	5 19	2 45	15 27	0 25	20 49	1 27	11 19	10 43	3 57	3 25	27 48	1 44	4 40
S 6	16 28	21 11	3 23	9 29	1 57	1 8	1 1	14 5	1 45	21 0	0 31	5 18	2 45	15 26	0 25	20 50	1 27	11 20	10 42	3 56	3 24	27 47	1 45	4 39
M 7	16 45	25 22	4 15	10 15	1 50	0 47	1 5	13 52	1 46	21 2	0 31	5 16	2 45	15 25	0 25	20 50	1 27	11 20	10 42	3 54	3 22	27 46	1 46	4 38
T 8	17 2	27 55	4 52	11 1	1 42	0 27	1 10	13 38	1 47	21 4	0 31	5 15	2 45	15 24	0 25	20 50	1 27	11 20	10 42	3 52	3 21	27 45	1 47	4 37
W 9	17 18	28 31	5 9	11 47	1 34	0 6	1 14	13 25	1 48	21 7	0 31	5 14	2 45	15 24	0 25	20 50	1 27	11 20	10 42	3 50	3 20	27 44	1 48	4 37
T 10	17 34	27 7	5 6	12 34	1 26	0n15	1 18	13 11	1 50	21 9	0 31	5 13	2 45	15 23	0 25	20 51	1 27	11 21	10 42	3 48	3 19	27 44	1 49	4 36
F 11	17 49	23 57	4 43	13 20	1 17	0 36	1 22	12 58	1 51	21 11	0 31	5 11	2 44	15 22	0 25	20 51	1 27	11 21	10 42	3 47	3 17	27 43	1 50	4 35
S 12	18 5	19 23	4 4	14 7	1 8	0 58	1 25	12 44	1 52	21 13	0 31	5 10	2 44	15 21	0 25	20 51	1 27	11 21	10 42	3 46	3 16	27 42	1 51	4 34
S 13	18 20	13 51	3 10	14 53	0 58	1 20	1 29	12 30	1 54	21 16	0 30	5 9	2 44	15 21	0 25	20 52	1 27	11 22	10 42	3 46	3 15	27 41	1 51	4 33
M14	18 34	7 45	2 7	15 39	0 48	1 41	1 33	12 16	1 55	21 18	0 30	5 8	2 44	15 20	0 25	20 52	1 27	11 22	10 41	3 47	3 14	27 40	1 52	4 33
T 15	18 49	1 25	0 59	16 25	0 38	2 3	1 36	12 2	1 56	21 20	0 30	5 7	2 44	15 19	0 25	20 52	1 27	11 22	10 41	3 47	3 12	27 39	1 53	4 32
W16	19 3	4s52	0s12	17 10	0 28	2 25	1 39	11 48	1 58	21 22	0 30	5 6	2 44	15 18	0 25	20 53	1 27	11 22	10 41	3 48	3 11	27 38	1 53	4 31
T 17	19 17	10 50	1 21	17 54	0 17	2 48	1 42	11 34	1 59	21 24	0 30	5 5	2 43	15 18	0 25	20 53	1 27	11 23	10 41	3 47	3 10	27 37	1 54	4 30
F 18	19 30	16 17	2 25	18 37	0 7	3 10	1 45	11 20	2 0	21 27	0 30	5 4	2 43	15 17	0 24	20 53	1 27	11 23	10 41	3 46	3 9	27 36	1 54	4 29
S 19	19 43	20 58	3 20	19 19	0n 4	3 32	1 48	11 6	2 2	21 29	0 30	5 3	2 43	15 16	0 24	20 53	1 27	11 23	10 41	3 44	3 7	27 36	1 55	4 29
S 20	19 56	24 39	4 5	19 59	0 14	3 55	1 50	10 52	2 3	21 31	0 30	5 2	2 43	15 16	0 24	20 54	1 27	11 24	10 41	3 41	3 6	27 35	1 55	4 28
M21	20 8	27 10	4 38	20 38	0 25	4 17	1 53	10 37	2 4	21 33	0 30	5 1	2 43	15 15	0 24	20 54	1 27	11 24	10 41	3 37	3 5	27 34	1 56	4 27
T 22	20 21	28 23	4 59	21 15	0 35	4 40	1 55	10 23	2 6	21 35	0 30	5 0	2 43	15 14	0 24	20 54	1 27	11 24	10 41	3 33	3 4	27 33	1 56	4 26
W23	20 32	28 15	5 5	21 50	0 45	5 3	1 58	10 9	2 7	21 37	0 29	4 59	2 42	15 13	0 24	20 55	1 27	11 24	10 41	3 30	3 2	27 32	1 56	4 26
T 24	20 44	26 48	4 59	22 22	0 55	5 26	2 0	9 54	2 8	21 39	0 29	4 58	2 42	15 13	0 24	20 55	1 27	11 25	10 41	3 26	3 1	27 31	1 57	4 25
F 25	20 55	24 10	4 40	22 53	1 4	5 49	2 2	9 40	2 10	21 41	0 29	4 57	2 42	15 12	0 24	20 55	1 27	11 25	10 41	3 24	3 0	27 30	1 57	4 24
S 26	21 5	20 30	4 8	23 20	1 13	6 11	2 4	9 25	2 11	21 43	0 29	4 56	2 42	15 11	0 24	20 55	1 27	11 25	10 40	3 22	2 59	27 29	1 57	4 23
S 27	21 16	15 59	3 26	23 45	1 21	6 34	2 6	9 11	2 12	21 45	0 29	4 56	2 41	15 11	0 24	20 56	1 27	11 25	10 40	3 21	2 57	27 28	1 57	4 22
M28	21 26	10 46	2 33	24 8	1 28	6 57	2 7	8 56	2 14	21 47	0 29	4 55	2 41	15 10	0 24	20 56	1 27	11 26	10 40	3 21	2 56	27 27	1 57	4 22
T 29	21 35	5 2	1 33	24 28	1 35	7 20	2 9	8 42	2 15	21 49	0 29	4 54	2 41	15 9	0 24	20 56	1 27	11 26	10 40	3 21	2 55	27 26	1 57	4 21
W30	21 44	1n 4	0 26	24 45	1 42	7 43	2 10	8 27	2 16	21 51	0 29	4 54	2 41	15 9	0 24	20 57	1 27	11 26	10 40	3 22	2 54	27 25	1 57	4 20
T 31	21n53	7n18	0n45	24n59	1n47	8n 6	2s11	8s12	2s17	21n53	0s29	4s53	2n41	15s 8	0n24	20n57	1s27	11n26	10s40	3n21	2n52	27s24	1n57	4s19

Julian Day Number = 2412949.5, Delta T = -5.00 sec
Ecliptic obliquity = 23°27'20, Nutation = - 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°15'52, Lahiri = 22°22'53

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ASTRODIENST EPHEMERIS for the year 1894
geocentric

JUNE 1894 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	16 37 51	10♊27'00	0♉27	23♊41	27♈21	15♓13	13♊ 3	18°R45	12°R12	13♊ 9	10♊17	8°R26	7♈11	17♑10	14♍58	F 1
S 2	16 41 48	11°24'29	14°33	25°39	28°28	15°54	13°17	18♎43	12♏10	13°11	10°18	8♈21	7° 8	17°16	15° 0	S 2
S 3	16 45 44	12°21'58	29° 5	27°34	29°35	16°34	13°31	18°41	12° 8	13°13	10°20	8°15	7° 5	17°23	15° 3	S 3
M 4	16 49 41	13°19'26	13♊57	29°27	0♉42	17°15	13°45	18°39	12° 6	13°15	10°21	8° 6	7° 1	17°30	15° 5	M 4
T 5	16 53 37	14°16'53	29° 0	1♋17	1°49	17°56	13°59	18°38	12° 4	13°18	10°22	7°57	6°58	17°36	15° 8	T 5
W 6	16 57 34	15°14'19	14♋ 6	3° 5	2°56	18°36	14°13	18°36	12° 2	13°20	10°24	7°47	6°55	17°43	15°10	W 6
T 7	17 1 30	16°11'44	29° 4	4°50	4° 3	19°16	14°27	18°35	12° 0	13°22	10°25	7°39	6°52	17°50	15°13	T 7
F 8	17 5 27	17° 9'07	13♌46	6°33	5°11	19°57	14°41	18°34	11°58	13°24	10°26	7°33	6°49	17°57	15°16	F 8
S 9	17 9 24	18° 6'30	28° 6	8°13	6°18	20°37	14°55	18°32	11°56	13°27	10°28	7°29	6°45	18° 3	15°19	S 9
S 10	17 13 20	19° 3'52	12♍ 4	9°51	7°26	21°17	15° 9	18°31	11°54	13°29	10°29	7°28	6°42	18°10	15°22	S 10
M11	17 17 17	20° 1'12	25°38	11°26	8°33	21°57	15°22	18°30	11°52	13°31	10°30	7°D28	6°39	18°17	15°25	M11
T 12	17 21 13	20°58'32	8♎51	12°58	9°41	22°37	15°36	18°29	11°51	13°33	10°32	7°R28	6°36	18°24	15°29	T 12
W13	17 25 10	21°55'50	21°46	14°27	10°49	23°16	15°50	18°28	11°49	13°36	10°33	7°27	6°33	18°30	15°32	W13
T 14	17 29 6	22°53'08	4♏26	15°54	11°57	23°56	16° 4	18°27	11°47	13°38	10°35	7°25	6°30	18°37	15°36	T 14
F 15	17 33 3	23°50'25	16°54	17°18	13° 5	24°36	16°18	18°27	11°46	13°40	10°36	7°19	6°26	18°44	15°39	F 15
S 16	17 36 59	24°47'41	29°12	18°39	14°14	25°15	16°32	18°26	11°44	13°42	10°37	7°11	6°23	18°50	15°43	S 16
S 17	17 40 56	25°44'56	11♐22	19°57	15°22	25°54	16°46	18°26	11°42	13°44	10°39	7° 1	6°20	18°57	15°47	S 17
M18	17 44 53	26°42'11	23°26	21°13	16°30	26°34	16°59	18°25	11°41	13°47	10°40	6°48	6°17	19° 4	15°51	M18
T 19	17 48 49	27°39'26	5♑24	22°25	17°39	27°13	17°13	18°25	11°39	13°49	10°41	6°35	6°14	19°11	15°55	T 19
W20	17 52 46	28°36'40	17°19	23°35	18°48	27°52	17°27	18°25	11°38	13°51	10°43	6°21	6°11	19°17	15°59	W20
T 21	17 56 42	29°33'54	29°11	24°41	19°56	28°31	17°41	18°D25	11°36	13°53	10°44	6° 9	6° 7	19°24	16° 3	T 21
F 22	18 0 39	0♋31'07	11♒ 2	25°44	21° 5	29° 9	17°55	18°25	11°35	13°55	10°45	5°59	6° 4	19°31	16° 7	F 22
S 23	18 4 35	1°28'20	22°56	26°45	22°14	29°48	18° 8	18°25	11°34	13°58	10°46	5°52	6° 1	19°37	16°12	S 23
S 24	18 8 32	2°25'33	4♓55	27°41	23°23	0♈26	18°22	18°25	11°32	14° 0	10°48	5°48	5°58	19°44	16°16	S 24
M25	18 12 28	3°22'46	17° 4	28°35	24°32	1° 5	18°36	18°26	11°31	14° 2	10°49	5°45	5°55	19°51	16°21	M25
T 26	18 16 25	4°19'59	29°27	29°25	25°41	1°43	18°49	18°26	11°30	14° 4	10°50	5°45	5°51	19°58	16°25	T 26
W27	18 20 22	5°17'12	12♈10	0♌11	26°51	2°21	19° 3	18°26	11°29	14° 6	10°52	5°45	5°48	20° 4	16°30	W27
T 28	18 24 18	6°14'25	25°16	0°54	28° 0	2°59	19°17	18°27	11°28	14° 8	10°53	5°44	5°45	20°11	16°35	T 28
F 29	18 28 15	7°11'38	8♉50	1°33	29° 9	3°36	19°30	18°28	11°27	14°10	10°54	5°42	5°42	20°18	16°40	F 29
S 30	18 32 11	8♋ 8'52	22♉53	2♌ 8	0♊19	4♈14	19♊44	18♎29	11♏26	14♊12	10♊55	5♈37	5♈39	20♑24	16♍45	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	22n 2	13n26	1n54	25n10	1n52	8n29	2s13	7s58	2s19	21n55	0s29	4s53	2n40	15s 7	0n24	20n57	1s27	11n26	10s40	3n21	2n51	27s23	1n57	4s18
S 2	22 10	19 5	3 0	25 19	1 56	8 51	2 14	7 43	2 20	21 56	0 28	4 52	2 40	15 7	0 24	20 57	1 27	11 27	10 40	3 19	2 50	27 22	1 57	4 18
S 3	22 18	23 48	3 55	25 26	2 0	9 14	2 15	7 28	2 21	21 58	0 28	4 52	2 40	15 6	0 24	20 58	1 27	11 27	10 40	3 16	2 49	27 21	1 57	4 17
M 4	22 25	27 4	4 36	25 30	2 3	9 36	2 15	7 14	2 23	22 0	0 28	4 51	2 40	15 6	0 24	20 58	1 27	11 27	10 40	3 13	2 47	27 20	1 56	4 16
T 5	22 32	28 26	4 59	25 31	2 4	9 59	2 16	6 59	2 24	22 2	0 28	4 51	2 39	15 5	0 24	20 58	1 27	11 27	10 40	3 9	2 46	27 19	1 56	4 15
W 6	22 38	27 41	5 1	25 31	2 6	10 21	2 17	6 44	2 25	22 3	0 28	4 50	2 39	15 4	0 24	20 59	1 27	11 28	10 40	3 5	2 45	27 17	1 56	4 15
T 7	22 44	24 57	4 42	25 28	2 6	10 44	2 17	6 30	2 27	22 5	0 28	4 50	2 39	15 4	0 24	20 59	1 27	11 28	10 40	3 2	2 44	27 16	1 55	4 14
F 8	22 50	20 36	4 5	25 23	2 5	11 6	2 18	6 15	2 28	22 7	0 28	4 50	2 39	15 3	0 24	20 59	1 27	11 28	10 40	3 0	2 42	27 15	1 55	4 13
S 9	22 55	15 9	3 13	25 16	2 4	11 28	2 18	6 1	2 29	22 8	0 28	4 50	2 38	15 3	0 24	20 59	1 27	11 28	10 40	2 58	2 41	27 14	1 55	4 12
S 10	23 0	9 3	2 10	25 7	2 2	11 49	2 18	5 46	2 31	22 10	0 28	4 49	2 38	15 2	0 24	21 0	1 27	11 28	10 40	2 58	2 40	27 13	1 54	4 12
M11	23 5	2 41	1 2	24 57	2 0	12 11	2 18	5 31	2 32	22 12	0 28	4 49	2 38	15 2	0 24	21 0	1 27	11 29	10 40	2 58	2 39	27 12	1 54	4 11
T 12	23 9	3s37	0s 7	24 45	1 56	12 33	2 18	5 17	2 33	22 13	0 28	4 49	2 38	15 1	0 24	21 0	1 27	11 29	10 40	2 58	2 37	27 11	1 53	4 10
W13	23 13	9 39	1 15	24 32	1 52	12 54	2 18	5 2	2 34	22 15	0 27	4 49	2 37	15 1	0 24	21 1	1 27	11 29	10 40	2 58	2 36	27 10	1 52	4 9
T 14	23 16	15 10	2 18	24 17	1 47	13 15	2 18	4 48	2 36	22 16	0 27	4 49	2 37	15 0	0 24	21 1	1 27	11 29	10 40	2 57	2 35	27 9	1 52	4 9
F 15	23 19	19 58	3 12	24 1	1 42	13 36	2 17	4 33	2 37	22 18	0 27	4 49	2 37	15 0	0 24	21 1	1 27	11 29	10 40	2 55	2 34	27 7	1 51	4 8
S 16	23 21	23 51	3 57	23 44	1 36	13 56	2 17	4 19	2 38	22 19	0 27	4 49	2 37	14 59	0 24	21 1	1 27	11 29	10 40	2 51	2 32	27 6	1 50	4 7
S 17	23 23	26 38	4 31	23 26	1 29	14 17	2 16	4 4	2 40	22 21	0 27	4 49	2 36	14 59	0 24	21 2	1 27	11 30	10 40	2 47	2 31	27 5	1 49	4 6
M18	23 25	28 9	4 52	23 7	1 21	14 37	2 16	3 50	2 41	22 22	0 27	4 49	2 36	14 58	0 24	21 2	1 27	11 30	10 40	2 42	2 30	27 4	1 49	4 6
T 19	23 26	28 20	5 0	22 48	1 13	14 57	2 15	3 35	2 42	22 24	0 27	4 49	2 36	14 58	0 24	21 2	1 27	11 30	10 40	2 37	2 29	27 3	1 48	4 5
W20	23 27	27 12	4 54	22 27	1 5	15 16	2 14	3 21	2 43	22 25	0 27	4 49	2 36	14 57	0 24	21 2	1 27	11 30	10 40	2 32	2 27	27 2	1 47	4 4
T 21	23 27	24 50	4 36	22 6	0 55	15 36	2 13	3 7	2 45	22 26	0 27	4 50	2 35	14 57	0 24	21 3	1 27	11 30	10 40	2 27	2 26	27 0	1 46	4 4
F 22	23 27	21 25	4 6	21 45	0 45	15 55	2 12	2 52	2 46	22 28	0 27	4 50	2 35	14 56	0 24	21 3	1 27	11 30	10 40	2 23	2 25	26 59	1 45	4 3
S 23	23 27	17 7	3 25	21 23	0 35	16 13	2 11	2 38	2 47	22 29	0 27	4 50	2 35	14 56	0 24	21 3	1 27	11 30	10 40	2 20	2 23	26 58	1 44	4 2
S 24	23 26	12 7	2 35	21 1	0 24	16 32	2 10	2 24	2 48	22 30	0 27	4 50	2 35	14 56	0 24	21 3	1 27	11 31	10 40	2 18	2 22	26 57	1 43	4 1
M25	23 25	6 36	1 37	20 39	0 12	16 50	2 9	2 10	2 50	22 32	0 27	4 51	2 34	14 55	0 24	21 4	1 27	11 31	10 40	2 17	2 21	26 56	1 42	4 1
T 26	23 23	0 43	0 33	20 17	0s 0	17 8	2 8	1 56	2 51	22 33	0 26	4 51	2 34	14 55	0 24	21 4	1 27	11 31	10 40	2 17	2 20	26 54	1 40	4 0
W27	23 21	5n20	0n34	19 55	0 13	17 25	2 6	1 42	2 52	22 34	0 26	4 52	2 34	14 55	0 24	21 4	1 27	11 31	10 40	2 17	2 18	26 53	1 39	3 59
T 28	23 18	11 21	1 41	19 33	0 26	17 42	2 5	1 28	2 53	22 35	0 26	4 52	2 34	14 54	0 24	21 4	1 27	11 31	10 40	2 17	2 17	26 52	1 38	3 59
F 29	23 16	17 4	2 45	19 11	0 39	17 59	2 3	1 14	2 54	22 36	0 26	4 53	2 33	14 54	0 24	21 5	1 27	11 31	10 41	2 16	2 16	26 51	1 37	3 58
S 30	23n12	22n 5	3n41	18n50	0s53	18n15	2s 2	1s 0	2s56	22n37	0s26	4s53	2n33	14s54	0n24	21n 5	1s27	11n31	10s41	2n14	2n15	26s49	1n35	3s57

Julian Day Number = 2412980.5, Delta T = -5.01 sec
Ecliptic obliquity = 23°27'20, Nutation = - 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°15'57, Lahiri = 22°22'57

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ASTRODIENST EPHEMERIS for the year 1894
geocentric

JULY 1894 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 36 8	9♋ 6'05	7♊25	2♌38	1♊28	4♈51	19♊57	18♎30	11°R25	14♊14	10♊57	5°R30	5♈36	20♑31	16♍50	S 1
M 2	18 40 4	10° 3'19	22°22	3° 5	2°38	5°28	20°11	18°31	11♏24	14°17	10°58	5♈20	5°32	20°38	16°55	M 2
T 3	18 44 1	11° 0'33	7♋34	3°27	3°48	6° 5	20°24	18°32	11°23	14°19	10°59	5°10	5°29	20°45	17° 1	T 3
W 4	18 47 57	11°57'47	22°52	3°45	4°58	6°42	20°38	18°33	11°22	14°21	11° 0	4°59	5°26	20°51	17° 6	W 4
T 5	18 51 54	12°55'01	8♌ 5	3°58	6° 7	7°19	20°51	18°34	11°21	14°23	11° 2	4°50	5°23	20°58	17°12	T 5
F 6	18 55 51	13°52'14	23° 1	4° 7	7°17	7°55	21° 4	18°36	11°20	14°25	11° 3	4°43	5°20	21° 5	17°17	F 6
S 7	18 59 47	14°49'28	7♍34	4°R11	8°27	8°32	21°18	18°37	11°20	14°27	11° 4	4°38	5°17	21°12	17°23	S 7
S 8	19 3 44	15°46'41	21°41	4°10	9°38	9° 8	21°31	18°39	11°19	14°29	11° 5	4°36	5°13	21°18	17°29	S 8
M 9	19 7 40	16°43'54	5♎20	4° 5	10°48	9°43	21°44	18°40	11°18	14°31	11° 6	4°D36	5°10	21°25	17°34	M 9
T 10	19 11 37	17°41'07	18°34	3°55	11°58	10°19	21°57	18°42	11°18	14°33	11° 7	4°R36	5° 7	21°32	17°40	T 10
W11	19 15 33	18°38'20	1♏26	3°40	13° 8	10°54	22°10	18°44	11°17	14°35	11° 8	4°35	5° 4	21°38	17°46	W11
T 12	19 19 30	19°35'33	13°59	3°21	14°19	11°29	22°23	18°46	11°17	14°36	11°10	4°33	5° 1	21°45	17°52	T 12
F 13	19 23 26	20°32'46	26°19	2°57	15°29	12° 4	22°37	18°48	11°17	14°38	11°11	4°28	4°57	21°52	17°58	F 13
S 14	19 27 23	21°29'59	8♐28	2°30	16°39	12°39	22°50	18°50	11°16	14°40	11°12	4°21	4°54	21°59	18° 4	S 14
S 15	19 31 20	22°27'12	20°29	1°58	17°50	13°14	23° 2	18°53	11°16	14°42	11°13	4°11	4°51	22° 5	18°11	S 15
M16	19 35 16	23°24'26	2♑26	1°24	19° 1	13°48	23°15	18°55	11°16	14°44	11°14	4° 0	4°48	22°12	18°17	M16
T 17	19 39 13	24°21'40	14°20	0°47	20°11	14°22	23°28	18°58	11°16	14°46	11°15	3°47	4°45	22°19	18°23	T 17
W18	19 43 9	25°18'54	26°12	0° 8	21°22	14°55	23°41	19° 0	11°15	14°48	11°16	3°35	4°42	22°25	18°30	W18
T 19	19 47 6	26°16'09	8♒ 5	29♋27	22°33	15°29	23°54	19° 3	11°15	14°49	11°17	3°23	4°38	22°32	18°36	T 19
F 20	19 51 2	27°13'24	19°59	28°46	23°44	16° 2	24° 6	19° 5	11°D15	14°51	11°18	3°14	4°35	22°39	18°43	F 20
S 21	19 54 59	28°10'40	1♓57	28° 4	24°55	16°35	24°19	19° 8	11°15	14°53	11°19	3° 8	4°32	22°46	18°50	S 21
S 22	19 58 55	29° 7'56	14° 0	27°23	26° 6	17° 8	24°32	19°11	11°15	14°55	11°20	3° 3	4°29	22°52	18°56	S 22
M23	20 2 52	0♌ 5'13	26°13	26°43	27°17	17°40	24°44	19°14	11°16	14°56	11°21	3° 2	4°26	22°59	19° 3	M23
T 24	20 6 49	1° 2'31	8♈39	26° 6	28°28	18°12	24°57	19°17	11°16	14°58	11°22	3°D 2	4°23	23° 6	19°10	T 24
W25	20 10 45	1°59'51	21°22	25°31	29°39	18°44	25° 9	19°20	11°16	15° 0	11°23	3° 2	4°19	23°12	19°17	W25
T 26	20 14 42	2°57'11	4♉26	25° 0	0♋50	19°15	25°21	19°24	11°16	15° 1	11°24	3°R 3	4°16	23°19	19°24	T 26
F 27	20 18 38	3°54'32	17°54	24°33	2° 2	19°46	25°34	19°27	11°17	15° 3	11°25	3° 2	4°13	23°26	19°31	F 27
S 28	20 22 35	4°51'54	1♊49	24°10	3°13	20°17	25°46	19°30	11°17	15° 5	11°26	2°59	4°10	23°33	19°38	S 28
S 29	20 26 31	5°49'17	16°12	23°52	4°25	20°48	25°58	19°34	11°17	15° 6	11°27	2°54	4° 7	23°39	19°45	S 29
M30	20 30 28	6°46'42	0♋59	23°40	5°36	21°18	26°10	19°38	11°18	15° 8	11°27	2°47	4° 3	23°46	19°53	M30
T 31	20 34 25	7♌44'07	16♋ 4	23♋34	6♋48	21♈47	26♊22	19♎41	11♏18	15♊ 9	11♊28	2♈39	4♈ 0	23♑53	20♍ 0	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 9	25n56	4n25	18n29	1s 8	18n31	2s 0	0s47	2s57	22n38	0s26	4s54	2n33	14s53	0n24	21n 5	1s27	11n31	10s41	2n11	2n13	26s48	1n34	3s57
M 2	23 4	28 6	4 53	18 9	1 22	18 46	1 58	0 33	2 58	22 40	0 26	4 54	2 33	14 53	0 23	21 5	1 27	11 31	10 41	2 7	2 12	26 47	1 33	3 56
T 3	23 0	28 14	5 0	17 49	1 37	19 1	1 56	0 19	2 59	22 41	0 26	4 55	2 32	14 53	0 23	21 5	1 27	11 31	10 41	2 3	2 11	26 46	1 31	3 55
W 4	22 55	26 13	4 46	17 31	1 52	19 16	1 54	0 6	3 0	22 42	0 26	4 56	2 32	14 53	0 23	21 6	1 27	11 32	10 41	1 59	2 10	26 44	1 30	3 55
T 5	22 50	22 19	4 12	17 13	2 7	19 30	1 52	0n 7	3 2	22 43	0 26	4 57	2 32	14 53	0 23	21 6	1 27	11 32	10 41	1 55	2 8	26 43	1 28	3 54
F 6	22 44	17 1	3 21	16 56	2 22	19 44	1 50	0 21	3 3	22 44	0 26	4 57	2 32	14 52	0 23	21 6	1 27	11 32	10 41	1 52	2 7	26 42	1 27	3 53
S 7	22 38	10 52	2 18	16 40	2 38	19 57	1 48	0 34	3 4	22 45	0 26	4 58	2 31	14 52	0 23	21 6	1 27	11 32	10 41	1 51	2 6	26 40	1 25	3 53
S 8	22 31	4 20	1 8	16 26	2 53	20 10	1 46	0 47	3 5	22 45	0 26	4 59	2 31	14 52	0 23	21 7	1 27	11 32	10 41	1 50	2 5	26 39	1 23	3 52
M 9	22 24	2s11	0s 4	16 13	3 7	20 22	1 44	1 0	3 6	22 46	0 26	5 0	2 31	14 52	0 23	21 7	1 27	11 32	10 41	1 50	2 3	26 38	1 22	3 51
T 10	22 17	8 25	1 13	16 1	3 22	20 33	1 42	1 13	3 7	22 47	0 25	5 1	2 30	14 52	0 23	21 7	1 27	11 32	10 41	1 50	2 2	26 36	1 20	3 51
W11	22 9	14 7	2 17	15 51	3 36	20 45	1 39	1 26	3 8	22 48	0 25	5 2	2 30	14 52	0 23	21 7	1 27	11 32	10 41	1 49	2 1	26 35	1 18	3 50
T 12	22 1	19 6	3 12	15 43	3 49	20 55	1 37	1 38	3 10	22 49	0 25	5 3	2 30	14 51	0 23	21 7	1 27	11 32	10 42	1 49	2 0	26 34	1 16	3 50
F 13	21 53	23 11	3 58	15 36	4 1	21 6	1 35	1 51	3 11	22 50	0 25	5 4	2 30	14 51	0 23	21 7	1 27	11 32	10 42	1 47	1 58	26 32	1 15	3 49
S 14	21 44	26 12	4 31	15 30	4 13	21 15	1 32	2 3	3 12	22 50	0 25	5 5	2 29	14 51	0 23	21 8	1 27	11 32	10 42	1 44	1 57	26 31	1 13	3 48
S 15	21 35	27 59	4 53	15 27	4 24	21 24	1 30	2 16	3 13	22 51	0 25	5 6	2 29	14 51	0 23	21 8	1 27	11 32	10 42	1 40	1 56	26 30	1 11	3 48
M16	21 25	28 27	5 1	15 25	4 33	21 33	1 27	2 28	3 14	22 52	0 25	5 7	2 29	14 51	0 23	21 8	1 27	11 32	10 42	1 35	1 55	26 28	1 9	3 47
T 17	21 16	27 35	4 56	15 25	4 41	21 41	1 25	2 40	3 15	22 53	0 25	5 8	2 29	14 51	0 23	21 8	1 27	11 32	10 42	1 30	1 53	26 27	1 7	3 47
W18	21 5	25 29	4 38	15 27	4 47	21 48	1 22	2 52	3 16	22 53	0 25	5 9	2 28	14 51	0 23	21 8	1 27	11 32	10 42	1 25	1 52	26 25	1 5	3 46
T 19	20 55	22 16	4 9	15 31	4 52	21 55	1 20	3 4	3 17	22 54	0 25	5 11	2 28	14 51	0 23	21 9	1 27	11 32	10 42	1 21	1 51	26 24	1 3	3 45
F 20	20 44	18 7	3 28	15 36	4 56	22 2	1 17	3 16	3 18	22 55	0 25	5 12	2 28	14 51	0 23	21 9	1 27	11 32	10 42	1 17	1 49	26 23	1 1	3 45
S 21	20 32	13 14	2 37	15 42	4 57	22 7	1 14	3 27	3 19	22 55	0 25	5 13	2 28	14 51	0 23	21 9	1 27	11 32	10 43	1 15	1 48	26 21	0 59	3 44
S 22	20 21	7 50	1 40	15 50	4 57	22 13	1 11	3 39	3 20	22 56	0 25	5 14	2 27	14 51	0 23	21 9	1 28	11 32	10 43	1 13	1 47	26 20	0 57	3 44
M23	20 9	2 3	0 36	15 59	4 55	22 17	1 9	3 50	3 21	22 56	0 25	5 16	2 27	14 51	0 23	21 9	1 28	11 32	10 43	1 12	1 46	26 18	0 55	3 43
T 24	19 56	3n54	0n30	16 10	4 52	22 21	1 6	4 2	3 22	22 57	0 25	5 17	2 27	14 51	0 23	21 9	1 28	11 32	10 43	1 12	1 44	26 17	0 53	3 43
W25	19 44	9 50	1 36	16 21	4 47	22 24	1 3	4 13	3 23	22 57	0 25	5 19	2 27	14 52	0 23	21 10	1 28	11 32	10 43	1 12	1 43	26 15	0 50	3 42
T 26	19 31	15 30	2 40	16 34	4 40	22 27	1 0	4 24	3 24	22 58	0 24	5 20	2 27	14 52	0 23	21 10	1 28	11 32	10 43	1 13	1 42	26 14	0 48	3 41
F 27	19 17	20 38	3 36	16 47	4 31	22 29	0 57	4 35	3 25	22 58	0 24	5 22	2 26	14 52	0 23	21 10	1 28	11 32	10 43	1 12	1 41	26 12	0 46	3 41
S 28	19 4	24 49	4 22	17 0	4 22	22 31	0 54	4 45	3 26	22 59	0 24	5 23	2 26	14 52	0 23	21 10	1 28	11 32	10 44	1 11	1 39	26 11	0 44	3 40
S 29	18 50	27 35	4 53	17 14	4 11	22 31	0 52	4 56	3 27	22 59	0 24	5 25	2 26	14 52	0 23	21 10	1 28	11 32	10 44	1 9	1 38	26 10	0 41	3 40
M30	18 35	28 32	5 5	17 28	3 58	22 32	0 49	5 6	3 28	23 0	0 24	5 26	2 26	14 52	0 23	21 10	1 28	11 32	10 44	1 6	1 37	26 8	0 39	3 39
T 31	18n21	27n24	4n57	17n42	3s45	22n31	0s46	5n16	3s28	23n 0	0s24	5s28	2n25	14s52	0n23	21n10	1s28	11n32	10s44	1n 3	1n36	26s 7	0n37	3s39

Julian Day Number = 2413010.5, Delta T = -5.02 sec
Ecliptic obliquity = 23°27'19, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°16'01, Lahiri = 22°23'01

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ASTRODIENST EPHEMERIS for the year 1894
geocentric

AUGUST 1894 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	20 38 21	8♌41'34	1♌19	23°D34	7♋59	22♈17	26♊34	19♎45	11♏19	15♊11	11♊29	2°R31	3♈57	23♉59	20♍ 7	W 1
T 2	20 42 18	9°39'01	16°32	23♋40	9°11	22°46	26°46	19°49	11°20	15°12	11°30	2♈24	3°54	24° 6	20°15	T 2
F 3	20 46 14	10°36'29	1♍32	23°53	10°23	23°14	26°58	19°53	11°20	15°14	11°31	2°19	3°51	24°13	20°22	F 3
S 4	20 50 11	11°33'58	16°13	24°12	11°35	23°42	27°10	19°57	11°21	15°15	11°32	2°16	3°48	24°20	20°30	S 4
S 5	20 54 7	12°31'28	0♎28	24°38	12°47	24°10	27°21	20° 1	11°22	15°17	11°32	2°D14	3°44	24°26	20°37	S 5
M 6	20 58 4	13°28'58	14°14	25°10	13°58	24°38	27°33	20° 5	11°23	15°18	11°33	2°15	3°41	24°33	20°45	M 6
T 7	21 2 0	14°26'29	27°34	25°49	15°10	25° 5	27°44	20° 9	11°24	15°19	11°34	2°16	3°38	24°40	20°52	T 7
W 8	21 5 57	15°24'01	10♏29	26°35	16°22	25°31	27°56	20°14	11°25	15°21	11°34	2°R17	3°35	24°46	21° 0	W 8
T 9	21 9 54	16°21'34	23° 3	27°26	17°35	25°57	28° 7	20°18	11°26	15°22	11°35	2°17	3°32	24°53	21° 8	T 9
F 10	21 13 50	17°19'08	5♐21	28°25	18°47	26°23	28°18	20°23	11°27	15°23	11°36	2°15	3°29	25° 0	21°16	F 10
S 11	21 17 47	18°16'43	17°27	29°29	19°59	26°48	28°29	20°27	11°28	15°24	11°37	2°11	3°25	25° 7	21°24	S 11
S 12	21 21 43	19°14'19	29°25	0♑39	21°11	27°13	28°40	20°32	11°29	15°26	11°37	2° 6	3°22	25°13	21°31	S 12
M13	21 25 40	20°11'55	11♑18	1°56	22°23	27°37	28°51	20°36	11°30	15°27	11°38	1°59	3°19	25°20	21°39	M13
T 14	21 29 36	21° 9'33	23°10	3°17	23°36	28° 0	29° 2	20°41	11°32	15°28	11°38	1°52	3°16	25°27	21°47	T 14
W15	21 33 33	22° 7'12	5♒ 3	4°44	24°48	28°24	29°13	20°46	11°33	15°29	11°39	1°44	3°13	25°33	21°55	W15
T 16	21 37 29	23° 4'52	16°59	6°15	26° 1	28°46	29°24	20°51	11°34	15°30	11°39	1°38	3° 9	25°40	22° 3	T 16
F 17	21 41 26	24° 2'33	28°59	7°51	27°13	29° 9	29°34	20°56	11°36	15°31	11°40	1°32	3° 6	25°47	22°12	F 17
S 18	21 45 23	25° 0'16	11♓ 6	9°31	28°26	29°30	29°45	21° 1	11°37	15°32	11°41	1°29	3° 3	25°54	22°20	S 18
S 19	21 49 19	25°58'00	23°20	11°15	29°39	29°51	29°55	21° 6	11°39	15°33	11°41	1°27	3° 0	26° 0	22°28	S 19
M20	21 53 16	26°55'45	5♈44	13° 2	0♌51	0♉12	0♋ 6	21°11	11°40	15°34	11°41	1°D27	2°57	26° 7	22°36	M20
T 21	21 57 12	27°53'33	18°21	14°52	2° 4	0°32	0°16	21°16	11°42	15°35	11°42	1°28	2°54	26°14	22°44	T 21
W22	22 1 9	28°51'21	1♉11	16°45	3°17	0°51	0°26	21°22	11°43	15°36	11°42	1°29	2°50	26°20	22°52	W22
T 23	22 5 5	29°49'12	14°19	18°39	4°30	1°10	0°36	21°27	11°45	15°37	11°43	1°31	2°47	26°27	23° 1	T 23
F 24	22 9 2	0♍47'04	27°47	20°35	5°43	1°28	0°46	21°32	11°47	15°38	11°43	1°R31	2°44	26°34	23° 9	F 24
S 25	22 12 58	1°44'58	11♊36	22°32	6°56	1°46	0°56	21°38	11°49	15°39	11°44	1°31	2°41	26°41	23°17	S 25
S 26	22 16 55	2°42'55	25°47	24°30	8° 9	2° 3	1° 5	21°43	11°51	15°40	11°44	1°29	2°38	26°47	23°26	S 26
M27	22 20 52	3°40'53	10♋17	26°28	9°22	2°19	1°15	21°49	11°52	15°40	11°44	1°27	2°35	26°54	23°34	M27
T 28	22 24 48	4°38'52	25° 4	28°27	10°35	2°34	1°24	21°55	11°54	15°41	11°45	1°23	2°31	27° 1	23°43	T 28
W29	22 28 45	5°36'54	10♌ 0	0♍25	11°48	2°49	1°34	22° 0	11°56	15°42	11°45	1°20	2°28	27° 7	23°51	W29
T 30	22 32 41	6°34'57	24°58	2°24	13° 1	3° 3	1°43	22° 6	11°58	15°42	11°45	1°16	2°25	27°14	24° 0	T 30
F 31	22 36 38	7♍33'02	9♍48	4♍21	14♌15	3♉17	1♋52	22♎12	12♏ 0	15♊43	11♊45	1♈14	2♈22	27♉21	24♍ 8	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	18n 6	24n14	4n28	17n56	3s31	22n30	0s43	5n26	3s29	23n 1	0s24	5s29	2n25	14s53	0n23	21n11	1s28	11n32	10s44	1n 0	1n34	26s 5	0n34	3s38
T 2	17 51	19 23	3 40	18 9	3 16	22 28	0 40	5 36	3 30	23 1	0 24	5 31	2 25	14 53	0 23	21 11	1 28	11 32	10 44	0 57	1 33	26 4	0 32	3 38
F 3	17 35	13 23	2 37	18 22	3 1	22 26	0 37	5 46	3 31	23 1	0 24	5 33	2 25	14 53	0 23	21 11	1 28	11 32	10 44	0 55	1 32	26 2	0 29	3 37
S 4	17 20	6 45	1 25	18 34	2 45	22 23	0 34	5 56	3 32	23 2	0 24	5 34	2 24	14 53	0 23	21 11	1 28	11 32	10 45	0 54	1 31	26 0	0 27	3 37
S 5	17 4	0s 2	0 10	18 46	2 29	22 20	0 31	6 5	3 33	23 2	0 24	5 36	2 24	14 54	0 23	21 11	1 28	11 32	10 45	0 54	1 29	25 59	0 24	3 36
M 6	16 47	6 36	1s 4	18 56	2 13	22 15	0 28	6 14	3 33	23 2	0 24	5 38	2 24	14 54	0 22	21 11	1 28	11 32	10 45	0 54	1 28	25 57	0 22	3 36
T 7	16 31	12 40	2 12	19 5	1 57	22 10	0 25	6 23	3 34	23 2	0 24	5 40	2 24	14 54	0 22	21 11	1 28	11 32	10 45	0 54	1 27	25 56	0 19	3 35
W 8	16 14	18 0	3 11	19 13	1 40	22 5	0 22	6 32	3 35	23 3	0 24	5 42	2 24	14 55	0 22	21 11	1 28	11 32	10 45	0 55	1 25	25 54	0 17	3 35
T 9	15 57	22 24	3 59	19 19	1 24	21 59	0 19	6 41	3 36	23 3	0 24	5 43	2 23	14 55	0 22	21 12	1 28	11 32	10 45	0 54	1 24	25 53	0 14	3 34
F 10	15 39	25 43	4 35	19 23	1 8	21 52	0 16	6 49	3 36	23 3	0 24	5 45	2 23	14 55	0 22	21 12	1 28	11 31	10 46	0 54	1 23	25 51	0 11	3 34
S 11	15 22	27 49	4 59	19 25	0 52	21 45	0 13	6 58	3 37	23 3	0 24	5 47	2 23	14 56	0 22	21 12	1 28	11 31	10 46	0 52	1 22	25 50	0 9	3 33
S 12	15 4	28 35	5 8	19 25	0 37	21 37	0 11	7 6	3 38	23 3	0 24	5 49	2 23	14 56	0 22	21 12	1 28	11 31	10 46	0 50	1 20	25 48	0 6	3 33
M13	14 46	28 2	5 5	19 23	0 22	21 28	0 8	7 14	3 38	23 3	0 24	5 51	2 23	14 56	0 22	21 12	1 28	11 31	10 46	0 47	1 19	25 46	0 3	3 32
T 14	14 27	26 11	4 48	19 18	0 8	21 19	0 5	7 22	3 39	23 4	0 23	5 53	2 22	14 57	0 22	21 12	1 28	11 31	10 46	0 44	1 18	25 45	0 1	3 32
W15	14 9	23 12	4 19	19 11	0n 5	21 9	0 2	7 30	3 39	23 4	0 23	5 55	2 22	14 57	0 22	21 12	1 28	11 31	10 46	0 42	1 17	25 43	0s 2	3 32
T 16	13 50	19 13	3 38	19 1	0 18	20 59	0n 1	7 37	3 40	23 4	0 23	5 57	2 22	14 58	0 22	21 12	1 28	11 31	10 47	0 39	1 15	25 42	0 5	3 31
F 17	13 31	14 27	2 47	18 48	0 30	20 47	0 4	7 44	3 40	23 4	0 23	5 59	2 22	14 58	0 22	21 12	1 28	11 31	10 47	0 37	1 14	25 40	0 8	3 31
S 18	13 12	9 5	1 49	18 33	0 42	20 36	0 7	7 51	3 41	23 4	0 23	6 1	2 22	14 59	0 22	21 12	1 28	11 31	10 47	0 35	1 13	25 38	0 10	3 30
S 19	12 52	3 19	0 44	18 15	0 52	20 24	0 9	7 58	3 41	23 4	0 23	6 3	2 21	14 59	0 22	21 12	1 28	11 30	10 47	0 35	1 12	25 37	0 13	3 30
M20	12 33	2n38	0n23	17 54	1 1	20 11	0 12	8 5	3 42	23 4	0 23	6 5	2 21	15 0	0 22	21 12	1 29	11 30	10 47	0 34	1 10	25 35	0 16	3 29
T 21	12 13	8 36	1 31	17 30	1 10	19 57	0 15	8 12	3 42	23 4	0 23	6 7	2 21	15 0	0 22	21 12	1 29	11 30	10 48	0 35	1 9	25 34	0 19	3 29
W22	11 53	14 19	2 35	17 4	1 18	19 43	0 18	8 18	3 43	23 4	0 23	6 10	2 21	15 1	0 22	21 13	1 29	11 30	10 48	0 35	1 8	25 32	0 22	3 29
T 23	11 33	19 32	3 33	16 35	1 24	19 29	0 20	8 24	3 43	23 4	0 23	6 12	2 21	15 1	0 22	21 13	1 29	11 30	10 48	0 36	1 7	25 30	0 25	3 28
F 24	11 12	23 55	4 21	16 4	1 30	19 14	0 23	8 30	3 43	23 4	0 23	6 14	2 20	15 2	0 22	21 13	1 29	11 30	10 48	0 36	1 5	25 29	0 28	3 28
S 25	10 52	27 3	4 55	15 31	1 35	18 58	0 25	8 36	3 44	23 4	0 23	6 16	2 20	15 2	0 22	21 13	1 29	11 30	10 48	0 36	1 4	25 27	0 31	3 27
S 26	10 31	28 35	5 12	14 55	1 39	18 42	0 28	8 41	3 44	23 4	0 23	6 18	2 20	15 3	0 22	21 13	1 29	11 30	10 48	0 36	1 3	25 25	0 34	3 27
M27	10 10	28 12	5 9	14 18	1 42	18 25	0 31	8 47	3 44	23 4	0 23	6 21	2 20	15 4	0 22	21 13	1 29	11 29	10 49	0 34	1 1	25 23	0 37	3 27
T 28	9 49	25 50	4 47	13 39	1 44	18 8	0 33	8 52	3 44	23 4	0 23	6 23	2 20	15 4	0 22	21 13	1 29	11 29	10 49	0 33	1 0	25 22	0 40	3 26
W29	9 28	21 41	4 5	12 59	1 46	17 50	0 35	8 57	3 44	23 4	0 23	6 25	2 20	15 5	0 22	21 13	1 29	11 29	10 49	0 32	0 59	25 20	0 43	3 26
T 30	9 6	16 8	3 6	12 17	1 47	17 31	0 38	9 1	3 44	23 4	0 23	6 27	2 19	15 6	0 22	21 13	1 29	11 29	10 49	0 30	0 58	25 18	0 46	3 26
F 31	8n45	9n40	1n55	11n34	1n47	17n13	0n40	9n 6	3s44	23n 4	0s23	6s30	2n19	15s 6	0n22	21n13	1s29	11n29	10s49	0n30	0n56	25s17	0s49	3s25

Julian Day Number = 2413041.5, Delta T = -5.02 sec
Ecliptic obliquity = 23°27'20, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°16'05, Lahiri = 22°23'06

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ASTRODIENST EPHEMERIS for the year 1894
geocentric

SEPTEMBER 1894 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 40 34	8♍31'08	24♍24	6♍19	15♌28	3♉29	2♋ 1	22♎18	12♏ 3	15♊44	11♊46	1°D13	2♈19	27♉28	24♍17	S 1
S 2	22 44 31	9°29'16	8♎38	8°15	16°41	3°41	2°10	22°24	12° 5	15°44	11°46	1♈13	2°15	27°34	24°25	S 2
M 3	22 48 27	10°27'26	22°28	10°11	17°55	3°52	2°19	22°30	12° 7	15°45	11°46	1°14	2°12	27°41	24°34	M 3
T 4	22 52 24	11°25'37	5♏53	12° 6	19° 8	4° 3	2°27	22°36	12° 9	15°45	11°46	1°15	2° 9	27°48	24°43	T 4
W 5	22 56 20	12°23'50	18°53	13°59	20°22	4°12	2°36	22°42	12°11	15°46	11°46	1°17	2° 6	27°54	24°51	W 5
T 6	23 0 17	13°22'04	1♐31	15°52	21°35	4°21	2°44	22°48	12°14	15°46	11°46	1°18	2° 3	28° 1	25° 0	T 6
F 7	23 4 14	14°20'20	13°51	17°44	22°49	4°29	2°53	22°54	12°16	15°47	11°47	1°R18	2° 0	28° 8	25° 9	F 7
S 8	23 8 10	15°18'37	25°57	19°34	24° 3	4°36	3° 1	23° 1	12°19	15°47	11°47	1°18	1°56	28°14	25°17	S 8
S 9	23 12 7	16°16'56	7♑55	21°24	25°16	4°43	3° 9	23° 7	12°21	15°47	11°47	1°17	1°53	28°21	25°26	S 9
M10	23 16 3	17°15'16	19°48	23°12	26°30	4°48	3°16	23°13	12°23	15°48	11°47	1°15	1°50	28°28	25°35	M10
T 11	23 20 0	18°13'38	1♒40	24°59	27°44	4°53	3°24	23°20	12°26	15°48	11°R47	1°13	1°47	28°35	25°43	T 11
W12	23 23 56	19°12'01	13°35	26°45	28°58	4°57	3°32	23°26	12°29	15°48	11°47	1°11	1°44	28°41	25°52	W12
T 13	23 27 53	20°10'26	25°35	28°30	0♍12	5° 0	3°39	23°32	12°31	15°48	11°47	1°10	1°41	28°48	26° 1	T 13
F 14	23 31 49	21° 8'53	7♓44	0♎14	1°26	5° 2	3°46	23°39	12°34	15°49	11°47	1° 9	1°37	28°55	26°10	F 14
S 15	23 35 46	22° 7'22	20° 3	1°57	2°39	5° 3	3°53	23°45	12°36	15°49	11°47	1° 8	1°34	29° 1	26°18	S 15
S 16	23 39 43	23° 5'53	2♈33	3°39	3°53	5°R 4	4° 0	23°52	12°39	15°49	11°47	1°D 8	1°31	29° 8	26°27	S 16
M17	23 43 39	24° 4'25	15°15	5°19	5° 8	5° 3	4° 7	23°59	12°42	15°49	11°46	1° 8	1°28	29°15	26°36	M17
T 18	23 47 36	25° 3'00	28°10	6°59	6°22	5° 2	4°14	24° 5	12°45	15°49	11°46	1° 8	1°25	29°22	26°45	T 18
W19	23 51 32	26° 1'36	11♉19	8°38	7°36	5° 0	4°20	24°12	12°48	15°R49	11°46	1° 9	1°21	29°28	26°53	W19
T 20	23 55 29	27° 0'15	24°42	10°15	8°50	4°57	4°27	24°19	12°50	15°49	11°46	1° 9	1°18	29°35	27° 2	T 20
F 21	23 59 25	27°58'56	8♊18	11°52	10° 4	4°53	4°33	24°25	12°53	15°49	11°46	1°10	1°15	29°42	27°11	F 21
S 22	0 3 22	28°57'40	22° 9	13°28	11°18	4°48	4°39	24°32	12°56	15°49	11°46	1°10	1°12	29°48	27°20	S 22
S 23	0 7 18	29°56'26	6♋13	15° 2	12°33	4°42	4°45	24°39	12°59	15°49	11°45	1°R10	1° 9	29°55	27°28	S 23
M24	0 11 15	0♎55'14	20°29	16°36	13°47	4°36	4°51	24°46	13° 2	15°48	11°45	1°D10	1° 6	0♒ 2	27°37	M24
T 25	0 15 12	1°54'04	4♌54	18° 9	15° 1	4°28	4°56	24°53	13° 5	15°48	11°45	1°10	1° 2	0° 9	27°46	T 25
W26	0 19 8	2°52'57	19°25	19°41	16°16	4°20	5° 2	25° 0	13° 8	15°48	11°44	1°10	0°59	0°15	27°55	W26
T 27	0 23 5	3°51'51	3♍57	21°12	17°30	4°10	5° 7	25° 7	13°11	15°48	11°44	1°10	0°56	0°22	28° 4	T 27
F 28	0 27 1	4°50'48	18°24	22°42	18°45	4° 0	5°12	25°14	13°14	15°47	11°44	1°10	0°53	0°29	28°12	F 28
S 29	0 30 58	5°49'47	2♎41	24°11	19°59	3°49	5°17	25°21	13°18	15°47	11°43	1°R11	0°50	0°35	28°21	S 29
S 30	0 34 54	6♎48'48	16♎43	25♎40	21♍14	3♉38	5♋22	25♎28	13♏21	15♊47	11♊43	1♈10	0♈46	0♒42	28♍30	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n23	2n48	0n37	10n50	1n46	16n53	0n43	9n10	3s44	23n 4	0s23	6s32	2n19	15s 7	0n22	21n13	1s29	11n29	10s50	0n29	0n55	25s15	0s52	3s25
S 2	8 1	4s 3	0s41	10 6	1 45	16 33	0 45	9 14	3 44	23 4	0 23	6 34	2 19	15 8	0 22	21 13	1 29	11 28	10 50	0 29	0 54	25 13	0 55	3 25
M 3	7 39	10 31	1 54	9 20	1 43	16 13	0 47	9 18	3 44	23 4	0 23	6 37	2 19	15 8	0 22	21 13	1 29	11 28	10 50	0 29	0 53	25 11	0 58	3 24
T 4	7 17	16 19	3 0	8 34	1 40	15 53	0 49	9 21	3 44	23 3	0 22	6 39	2 19	15 9	0 22	21 13	1 29	11 28	10 50	0 30	0 51	25 10	1 1	3 24
W 5	6 55	21 11	3 53	7 48	1 37	15 31	0 51	9 25	3 44	23 3	0 22	6 41	2 19	15 10	0 22	21 13	1 29	11 28	10 50	0 31	0 50	25 8	1 4	3 24
T 6	6 33	24 57	4 34	7 1	1 34	15 10	0 54	9 28	3 44	23 3	0 22	6 44	2 18	15 10	0 22	21 13	1 29	11 28	10 51	0 31	0 49	25 6	1 7	3 23
F 7	6 10	27 28	5 1	6 14	1 30	14 48	0 56	9 31	3 43	23 3	0 22	6 46	2 18	15 11	0 22	21 13	1 29	11 28	10 51	0 31	0 48	25 4	1 10	3 23
S 8	5 48	28 38	5 14	5 27	1 26	14 25	0 58	9 34	3 43	23 3	0 22	6 49	2 18	15 12	0 22	21 13	1 29	11 27	10 51	0 31	0 46	25 3	1 13	3 23
S 9	5 25	28 26	5 14	4 40	1 21	14 2	0 59	9 36	3 43	23 3	0 22	6 51	2 18	15 13	0 22	21 13	1 29	11 27	10 51	0 31	0 45	25 1	1 17	3 22
M10	5 2	26 56	4 59	3 52	1 16	13 39	1 1	9 39	3 42	23 3	0 22	6 54	2 18	15 13	0 22	21 13	1 29	11 27	10 51	0 30	0 44	24 59	1 20	3 22
T 11	4 39	24 14	4 32	3 5	1 11	13 15	1 3	9 41	3 41	23 3	0 22	6 56	2 18	15 14	0 22	21 13	1 29	11 27	10 52	0 29	0 43	24 57	1 23	3 22
W12	4 17	20 29	3 54	2 18	1 6	12 51	1 5	9 43	3 41	23 2	0 22	6 59	2 18	15 15	0 21	21 13	1 30	11 27	10 52	0 28	0 41	24 56	1 26	3 21
T 13	3 54	15 53	3 4	1 31	1 0	12 27	1 7	9 44	3 40	23 2	0 22	7 1	2 17	15 16	0 21	21 13	1 30	11 26	10 52	0 28	0 40	24 54	1 29	3 21
F 14	3 31	10 37	2 6	0 44	0 54	12 2	1 8	9 46	3 39	23 2	0 22	7 4	2 17	15 17	0 21	21 13	1 30	11 26	10 52	0 27	0 39	24 52	1 33	3 21
S 15	3 8	4 53	1 1	0s 3	0 48	11 37	1 10	9 47	3 39	23 2	0 22	7 6	2 17	15 18	0 21	21 13	1 30	11 26	10 52	0 27	0 37	24 50	1 36	3 20
S 16	2 45	1n 8	0n 8	0 49	0 41	11 12	1 11	9 48	3 38	23 2	0 22	7 9	2 17	15 18	0 21	21 13	1 30	11 26	10 53	0 27	0 36	24 48	1 39	3 20
M17	2 21	7 12	1 17	1 35	0 35	10 46	1 13	9 49	3 37	23 2	0 22	7 11	2 17	15 19	0 21	21 13	1 30	11 26	10 53	0 27	0 35	24 46	1 42	3 20
T 18	1 58	13 5	2 24	2 21	0 28	10 20	1 14	9 49	3 36	23 1	0 22	7 14	2 17	15 20	0 21	21 13	1 30	11 25	10 53	0 27	0 34	24 45	1 45	3 20
W19	1 35	18 29	3 25	3 6	0 21	9 54	1 16	9 50	3 35	23 1	0 22	7 16	2 17	15 21	0 21	21 13	1 30	11 25	10 53	0 27	0 32	24 43	1 49	3 19
T 20	1 12	23 5	4 15	3 51	0 14	9 27	1 17	9 50	3 33	23 1	0 22	7 19	2 17	15 22	0 21	21 13	1 30	11 25	10 53	0 28	0 31	24 41	1 52	3 19
F 21	0 48	26 31	4 52	4 35	0 7	9 0	1 18	9 50	3 32	23 1	0 22	7 21	2 17	15 23	0 21	21 13	1 30	11 25	10 54	0 28	0 30	24 39	1 55	3 19
S 22	0 25	28 26	5 13	5 19	0s 0	8 33	1 19	9 49	3 31	23 1	0 22	7 24	2 16	15 24	0 21	21 12	1 30	11 25	10 54	0 28	0 29	24 37	1 58	3 19
S 23	0 1	28 34	5 16	6 3	0 7	8 6	1 20	9 49	3 29	23 1	0 22	7 26	2 16	15 25	0 21	21 12	1 30	11 24	10 54	0 28	0 27	24 35	2 2	3 18
M24	0s22	26 49	4 59	6 45	0 15	7 38	1 21	9 48	3 28	23 0	0 22	7 29	2 16	15 25	0 21	21 12	1 30	11 24	10 54	0 28	0 26	24 33	2 5	3 18
T 25	0 45	23 19	4 24	7 28	0 22	7 10	1 22	9 47	3 26	23 0	0 22	7 32	2 16	15 26	0 21	21 12	1 30	11 24	10 54	0 28	0 25	24 32	2 8	3 18
W26	1 9	18 21	3 31	8 10	0 29	6 42	1 23	9 46	3 24	23 0	0 21	7 34	2 16	15 27	0 21	21 12	1 30	11 24	10 54	0 28	0 24	24 30	2 12	3 18
T 27	1 32	12 19	2 25	8 51	0 37	6 14	1 24	9 44	3 22	23 0	0 21	7 37	2 16	15 28	0 21	21 12	1 30	11 24	10 55	0 28	0 22	24 28	2 15	3 17
F 28	1 56	5 40	1 10	9 31	0 44	5 45	1 25	9 43	3 21	23 0	0 21	7 39	2 16	15 29	0 21	21 12	1 30	11 23	10 55	0 28	0 21	24 26	2 18	3 17
S 29	2 19	1s12	0s 8	10 11	0 52	5 17	1 25	9 41	3 19	23 0	0 21	7 42	2 16	15 30	0 21	21 12	1 30	11 23	10 55	0 28	0 20	24 24	2 21	3 17
S 30	2s42	7s53	1s25	10s50	0s59	4n48	1n26	9n39	3s16	23n 0	0s21	7s45	2n16	15s31	0n21	21n12	1s30	11n23	10s55	0n28	0n19	24s22	2s25	3s17

Julian Day Number = 2413072.5, Delta T = -5.03 sec
Ecliptic obliquity = 23°27'20, Nutation = 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°16'09, Lahiri = 22°23'10

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1894
geocentric

OCTOBER 1894 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	0 38 51	7♎47'51	0♏27	27♎ 7	22♍28	3°R25	5♋26	25♎35	13♏24	15°R46	11°R43	1°R10	0♈43	0♒49	28♍39	M 1
T 2	0 42 47	8°46'56	13°49	28°34	23°43	3♉12	5°31	25°42	13°27	15♊46	11♊42	1♈ 9	0°40	0°55	28°47	T 2
W 3	0 46 44	9°46'03	26°50	29°59	24°58	2°58	5°35	25°49	13°30	15°45	11°42	1° 8	0°37	1° 2	28°56	W 3
T 4	0 50 41	10°45'11	9♐30	1♏24	26°12	2°44	5°39	25°56	13°34	15°45	11°41	1° 7	0°34	1° 9	29° 5	T 4
F 5	0 54 37	11°44'22	21°53	2°47	27°27	2°28	5°43	26° 3	13°37	15°44	11°41	1° 6	0°31	1°16	29°13	F 5
S 6	0 58 34	12°43'34	4♑ 1	4°10	28°42	2°13	5°46	26°10	13°40	15°44	11°40	1° 5	0°27	1°22	29°22	S 6
S 7	1 2 30	13°42'48	15°59	5°31	29°56	1°56	5°50	26°17	13°44	15°43	11°40	1°D 5	0°24	1°29	29°31	S 7
M 8	1 6 27	14°42'04	27°52	6°51	1♏11	1°39	5°53	26°24	13°47	15°43	11°39	1° 5	0°21	1°36	29°39	M 8
T 9	1 10 23	15°41'22	9♒44	8°10	2°26	1°22	5°56	26°32	13°50	15°42	11°39	1° 6	0°18	1°42	29°48	T 9
W10	1 14 20	16°40'41	21°40	9°28	3°41	1° 4	5°59	26°39	13°54	15°41	11°38	1° 8	0°15	1°49	29°56	W10
T 11	1 18 16	17°40'02	3♓44	10°45	4°56	0°45	6° 2	26°46	13°57	15°41	11°38	1° 9	0°12	1°56	0♎ 5	T 11
F 12	1 22 13	18°39'25	16° 0	12° 0	6°10	0°27	6° 5	26°53	14° 1	15°40	11°37	1°10	0° 8	2° 2	0°14	F 12
S 13	1 26 10	19°38'50	28°30	13°14	7°25	0° 8	6° 7	27° 0	14° 4	15°39	11°36	1°R11	0° 5	2° 9	0°22	S 13
S 14	1 30 6	20°38'17	11♈16	14°26	8°40	29♈48	6° 9	27° 8	14° 8	15°38	11°36	1°11	0° 2	2°16	0°31	S 14
M15	1 34 3	21°37'46	24°20	15°36	9°55	29°29	6°11	27°15	14°11	15°38	11°35	1° 9	29♓59	2°23	0°39	M15
T 16	1 37 59	22°37'17	7♉39	16°45	11°10	29° 9	6°13	27°22	14°15	15°37	11°34	1° 7	29°56	2°29	0°47	T 16
W17	1 41 56	23°36'50	21°14	17°51	12°25	28°49	6°14	27°29	14°18	15°36	11°34	1° 4	29°52	2°36	0°56	W17
T 18	1 45 52	24°36'25	5♊ 1	18°56	13°40	28°29	6°16	27°37	14°22	15°35	11°33	1° 0	29°49	2°43	1° 4	T 18
F 19	1 49 49	25°36'03	18°59	19°58	14°55	28° 9	6°17	27°44	14°25	15°34	11°32	0°57	29°46	2°49	1°13	F 19
S 20	1 53 45	26°35'42	3♋ 3	20°57	16°10	27°50	6°18	27°51	14°29	15°33	11°31	0°54	29°43	2°56	1°21	S 20
S 21	1 57 42	27°35'24	17°12	21°53	17°25	27°30	6°19	27°59	14°33	15°32	11°31	0°53	29°40	3° 3	1°29	S 21
M22	2 1 39	28°35'09	1♌22	22°46	18°40	27°10	6°19	28° 6	14°36	15°31	11°30	0°D52	29°37	3° 9	1°37	M22
T 23	2 5 35	29°34'55	15°33	23°35	19°56	26°50	6°20	28°13	14°40	15°30	11°29	0°53	29°33	3°16	1°46	T 23
W24	2 9 32	0♏34'44	29°41	24°21	21°11	26°31	6°R20	28°20	14°44	15°29	11°28	0°55	29°30	3°23	1°54	W24
T 25	2 13 28	1°34'35	13♍46	25° 2	22°26	26°12	6°20	28°28	14°47	15°28	11°27	0°56	29°27	3°30	2° 2	T 25
F 26	2 17 25	2°34'28	27°45	25°38	23°41	25°53	6°20	28°35	14°51	15°27	11°27	0°R57	29°24	3°36	2°10	F 26
S 27	2 21 21	3°34'24	11♎35	26° 8	24°56	25°34	6°19	28°42	14°55	15°26	11°26	0°57	29°21	3°43	2°18	S 27
S 28	2 25 18	4°34'21	25°15	26°33	26°11	25°16	6°19	28°50	14°58	15°24	11°25	0°54	29°18	3°50	2°26	S 28
M29	2 29 14	5°34'20	8♏41	26°51	27°27	24°59	6°18	28°57	15° 2	15°23	11°24	0°51	29°14	3°56	2°34	M29
T 30	2 33 11	6°34'22	21°52	27° 1	28°42	24°42	6°17	29° 4	15° 6	15°22	11°23	0°45	29°11	4° 3	2°42	T 30
W31	2 37 8	7♏34'25	4♐46	27°R 4	29♎57	24♈25	6♋16	29♎11	15♏ 9	15♊21	11♊22	0♈39	29♓ 8	4♒10	2♎50	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	3s 6	14s 3	2s35	11s29	1s 6	4n19	1n27	9n37	3s14	22n59	0s21	7s47	2n16	15s32	0n21	21n12	1s30	11n23	10s55	0n28	0n17	24s20	2s28	3s17
T 2	3 29	19 25	3 35	12 7	1 13	3 50	1 27	9 35	3 12	22 59	0 21	7 50	2 16	15 33	0 21	21 12	1 30	11 22	10 55	0 27	0 16	24 18	2 31	3 16
W 3	3 52	23 42	4 22	12 44	1 21	3 21	1 27	9 32	3 10	22 59	0 21	7 52	2 16	15 34	0 21	21 12	1 30	11 22	10 56	0 27	0 15	24 16	2 34	3 16
T 4	4 16	26 44	4 54	13 20	1 28	2 51	1 28	9 30	3 7	22 59	0 21	7 55	2 16	15 35	0 21	21 12	1 30	11 22	10 56	0 27	0 13	24 14	2 38	3 16
F 5	4 39	28 24	5 12	13 56	1 35	2 22	1 28	9 27	3 4	22 59	0 21	7 58	2 16	15 36	0 21	21 12	1 31	11 22	10 56	0 26	0 12	24 12	2 41	3 16
S 6	5 2	28 39	5 16	14 30	1 42	1 52	1 28	9 24	3 2	22 59	0 21	8 0	2 15	15 37	0 21	21 11	1 31	11 22	10 56	0 26	0 11	24 10	2 44	3 16
S 7	5 25	27 33	5 6	15 4	1 48	1 23	1 28	9 21	2 59	22 59	0 21	8 3	2 15	15 38	0 21	21 11	1 31	11 21	10 56	0 26	0 10	24 8	2 48	3 15
M 8	5 48	25 13	4 43	15 37	1 55	0 53	1 29	9 18	2 56	22 59	0 21	8 6	2 15	15 39	0 21	21 11	1 31	11 21	10 56	0 26	0 8	24 6	2 51	3 15
T 9	6 11	21 48	4 7	16 9	2 1	0 23	1 29	9 15	2 53	22 59	0 21	8 8	2 15	15 40	0 21	21 11	1 31	11 21	10 57	0 26	0 7	24 5	2 54	3 15
W10	6 34	17 28	3 21	16 40	2 8	0s 7	1 28	9 12	2 50	22 58	0 21	8 11	2 15	15 41	0 21	21 11	1 31	11 21	10 57	0 27	0 6	24 3	2 57	3 15
T 11	6 56	12 25	2 26	17 10	2 14	0 36	1 28	9 8	2 47	22 58	0 21	8 13	2 15	15 42	0 21	21 11	1 31	11 20	10 57	0 27	0 5	24 1	3 1	3 15
F 12	7 19	6 48	1 23	17 40	2 20	1 6	1 28	9 5	2 44	22 58	0 21	8 16	2 15	15 43	0 21	21 11	1 31	11 20	10 57	0 28	0 3	23 59	3 4	3 15
S 13	7 41	0 49	0 15	18 8	2 25	1 36	1 28	9 1	2 40	22 58	0 21	8 19	2 15	15 44	0 21	21 11	1 31	11 20	10 57	0 28	0 2	23 57	3 7	3 14
S 14	8 4	5n19	0n55	18 34	2 31	2 6	1 28	8 58	2 37	22 58	0 21	8 21	2 15	15 45	0 21	21 11	1 31	11 20	10 57	0 28	0 1	23 55	3 10	3 14
M15	8 26	11 22	2 4	19 0	2 36	2 36	1 27	8 54	2 34	22 58	0 20	8 24	2 15	15 47	0 21	21 10	1 31	11 19	10 58	0 28	0s 0	23 53	3 14	3 14
T 16	8 48	17 2	3 7	19 25	2 40	3 6	1 27	8 50	2 30	22 58	0 20	8 27	2 15	15 48	0 21	21 10	1 31	11 19	10 58	0 27	0 2	23 50	3 17	3 14
W17	9 10	21 58	4 1	19 48	2 45	3 35	1 26	8 47	2 27	22 58	0 20	8 29	2 15	15 49	0 21	21 10	1 31	11 19	10 58	0 25	0 3	23 48	3 20	3 14
T 18	9 32	25 46	4 42	20 10	2 49	4 5	1 26	8 43	2 23	22 58	0 20	8 32	2 15	15 50	0 21	21 10	1 31	11 19	10 58	0 24	0 4	23 46	3 23	3 14
F 19	9 54	28 6	5 7	20 30	2 52	4 35	1 25	8 40	2 19	22 58	0 20	8 34	2 15	15 51	0 21	21 10	1 31	11 19	10 58	0 23	0 6	23 44	3 26	3 14
S 20	10 16	28 38	5 13	20 49	2 55	5 4	1 24	8 36	2 15	22 58	0 20	8 37	2 15	15 52	0 21	21 10	1 31	11 18	10 58	0 22	0 7	23 42	3 30	3 14
S 21	10 37	27 19	5 1	21 7	2 58	5 34	1 23	8 32	2 12	22 58	0 20	8 40	2 15	15 53	0 21	21 10	1 31	11 18	10 58	0 21	0 8	23 40	3 33	3 13
M22	10 59	24 16	4 30	21 23	3 0	6 3	1 23	8 29	2 8	22 58	0 20	8 42	2 15	15 54	0 21	21 9	1 31	11 18	10 59	0 21	0 9	23 38	3 36	3 13
T 23	11 20	19 44	3 43	21 37	3 2	6 32	1 22	8 25	2 4	22 58	0 20	8 45	2 15	15 55	0 21	21 9	1 31	11 18	10 59	0 21	0 11	23 36	3 39	3 13
W24	11 41	14 8	2 43	21 49	3 2	7 1	1 21	8 22	2 0	22 58	0 20	8 47	2 15	15 56	0 21	21 9	1 31	11 17	10 59	0 22	0 12	23 34	3 42	3 13
T 25	12 2	7 49	1 33	21 59	3 2	7 30	1 20	8 19	1 56	22 58	0 20	8 50	2 15	15 57	0 21	21 9	1 31	11 17	10 59	0 22	0 13	23 32	3 46	3 13
F 26	12 22	1 10	0 18	22 7	3 1	7 59	1 19	8 16	1 52	22 58	0 20	8 52	2 15	15 58	0 21	21 9	1 31	11 17	10 59	0 23	0 14	23 30	3 49	3 13
S 27	12 43	5s28	0s58	22 12	3 0	8 28	1 17	8 13	1 48	22 59	0 20	8 55	2 15	15 59	0 21	21 9	1 31	11 17	10 59	0 22	0 16	23 28	3 52	3 13
S 28	13 3	11 46	2 9	22 15	2 57	8 56	1 16	8 10	1 44	22 59	0 20	8 58	2 15	16 1	0 21	21 9	1 31	11 17	10 59	0 22	0 17	23 26	3 55	3 13
M29	13 23	17 25	3 11	22 16	2 53	9 24	1 15	8 7	1 40	22 59	0 20	9 0	2 15	16 2	0 21	21 8	1 31	11 16	10 59	0 20	0 18	23 24	3 58	3 13
T 30	13 43	22 8	4 2	22 13	2 47	9 52	1 14	8 5	1 36	22 59	0 20	9 3	2 15	16 3	0 21	21 8	1 31	11 16	10 59	0 18	0 19	23 22	4 1	3 13
W31	14s 3	25s40	4s39	22s 8	2s41	10s20	1n12	8n 2	1s32	22n59	0s19	9s 5	2n15	16s 4	0n21	21n 8	1s31	11n16	10s59	0n15	0s21	23s19	4s 4	3s12

Julian Day Number = 2413102.5, Delta T = -5.03 sec
Ecliptic obliquity = 23°27'20, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°16'14, Lahiri = 22°23'14

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ASTRODIENST EPHEMERIS for the year 1894
geocentric

NOVEMBER 1894 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 41 4	8♏34'30	17♐23	26°R59	1♏12	24°R 9	6°R14	29♎18	15♏13	15°R19	11°R21	0°R32	29♓ 5	4♒16	2♎58	T 1
F 2	2 45 1	9°34'36	29°44	26♏44	2°28	23♈54	6♋13	29°26	15°17	15♊18	11♊20	0♈25	29° 2	4°23	3° 5	F 2
S 3	2 48 57	10°34'45	11♑52	26°20	3°43	23°39	6°11	29°33	15°21	15°17	11°19	0°20	28°58	4°30	3°13	S 3
S 4	2 52 54	11°34'54	23°50	25°46	4°58	23°25	6° 9	29°40	15°24	15°15	11°18	0°17	28°55	4°37	3°21	S 4
M 5	2 56 50	12°35'06	5♒42	25° 3	6°14	23°11	6° 7	29°47	15°28	15°14	11°17	0°15	28°52	4°43	3°28	M 5
T 6	3 0 47	13°35'19	17°32	24°10	7°29	22°58	6° 4	29°54	15°32	15°13	11°16	0°D14	28°49	4°50	3°36	T 6
W 7	3 4 43	14°35'33	29°27	23° 9	8°44	22°46	6° 2	0♏ 2	15°36	15°11	11°15	0°15	28°46	4°57	3°44	W 7
T 8	3 8 40	15°35'49	11♓31	22° 0	10° 0	22°35	5°59	0° 9	15°39	15°10	11°14	0°17	28°43	5° 3	3°51	T 8
F 9	3 12 37	16°36'06	23°49	20°45	11°15	22°25	5°56	0°16	15°43	15° 8	11°13	0°18	28°39	5°10	3°58	F 9
S 10	3 16 33	17°36'25	6♈25	19°26	12°30	22°15	5°53	0°23	15°47	15° 7	11°12	0°R18	28°36	5°17	4° 6	S 10
S 11	3 20 30	18°36'45	19°22	18° 6	13°46	22° 6	5°49	0°30	15°51	15° 6	11°11	0°16	28°33	5°23	4°13	S 11
M12	3 24 26	19°37'07	2♉43	16°47	15° 1	21°58	5°46	0°37	15°54	15° 4	11°10	0°12	28°30	5°30	4°20	M12
T 13	3 28 23	20°37'30	16°25	15°31	16°16	21°51	5°42	0°44	15°58	15° 3	11° 9	0° 6	28°27	5°37	4°27	T 13
W14	3 32 19	21°37'55	0♊27	14°22	17°32	21°44	5°38	0°51	16° 2	15° 1	11° 8	29♓58	28°24	5°43	4°35	W14
T 15	3 36 16	22°38'22	14°44	13°21	18°47	21°38	5°34	0°58	16° 6	14°59	11° 7	29°49	28°20	5°50	4°42	T 15
F 16	3 40 12	23°38'50	29° 9	12°30	20° 2	21°34	5°30	1° 5	16° 9	14°58	11° 6	29°41	28°17	5°57	4°49	F 16
S 17	3 44 9	24°39'21	13♋38	11°51	21°18	21°29	5°25	1°12	16°13	14°56	11° 5	29°33	28°14	6° 4	4°56	S 17
S 18	3 48 6	25°39'53	28° 4	11°22	22°33	21°26	5°20	1°19	16°17	14°55	11° 4	29°28	28°11	6°10	5° 2	S 18
M19	3 52 2	26°40'27	12♌23	11° 6	23°49	21°24	5°16	1°25	16°20	14°53	11° 3	29°25	28° 8	6°17	5° 9	M19
T 20	3 55 59	27°41'02	26°31	11°D 0	25° 4	21°22	5°11	1°32	16°24	14°52	11° 2	29°D24	28° 4	6°24	5°16	T 20
W21	3 59 55	28°41'39	10♍29	11° 6	26°20	21°21	5° 5	1°39	16°28	14°50	11° 0	29°24	28° 1	6°30	5°22	W21
T 22	4 3 52	29°42'18	24°15	11°22	27°35	21°D21	5° 0	1°46	16°31	14°48	10°59	29°R25	27°58	6°37	5°29	T 22
F 23	4 7 48	0♐42'59	7♎50	11°48	28°50	21°22	4°55	1°52	16°35	14°47	10°58	29°24	27°55	6°44	5°35	F 23
S 24	4 11 45	1°43'41	21°15	12°22	0♐ 6	21°23	4°49	1°59	16°39	14°45	10°57	29°22	27°52	6°50	5°42	S 24
S 25	4 15 41	2°44'25	4♏30	13° 3	1°21	21°26	4°43	2° 6	16°42	14°43	10°56	29°17	27°49	6°57	5°48	S 25
M26	4 19 38	3°45'10	17°33	13°51	2°37	21°29	4°37	2°12	16°46	14°42	10°55	29°10	27°45	7° 4	5°54	M26
T 27	4 23 35	4°45'57	0♐25	14°46	3°52	21°32	4°31	2°19	16°50	14°40	10°54	28°59	27°42	7°11	6° 1	T 27
W28	4 27 31	5°46'45	13° 5	15°45	5° 8	21°37	4°25	2°25	16°53	14°38	10°52	28°47	27°39	7°17	6° 7	W28
T 29	4 31 28	6°47'35	25°32	16°49	6°23	21°42	4°18	2°32	16°57	14°37	10°51	28°34	27°36	7°24	6°13	T 29
F 30	4 35 24	7♐48'25	7♑48	17♏57	7♐39	21♈48	4♋12	2♏38	17♏ 0	14♊35	10♊50	28♓21	27♓33	7♒31	6♎19	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s22	27s52	5s 2	21s59	2s33	10s48	1n11	8n 0	1s28	22n59	0s19	9s 8	2n15	16s 5	0n21	21n 8	1s31	11n16	11s 0	0n13	0s22	23s17	4s 7	3s12
F 2	14 41	28 37	5 10	21 46	2 23	11 15	1 9	7 58	1 25	22 59	0 19	9 10	2 15	16 6	0 21	21 8	1 31	11 15	11 0	0 10	0 23	23 15	4 10	3 12
S 3	15 0	27 58	5 4	21 29	2 12	11 42	1 8	7 56	1 21	22 59	0 19	9 13	2 15	16 7	0 21	21 8	1 31	11 15	11 0	0 8	0 24	23 13	4 13	3 12
S 4	15 19	26 1	4 44	21 9	1 59	12 9	1 6	7 55	1 17	23 0	0 19	9 15	2 15	16 8	0 21	21 7	1 32	11 15	11 0	0 7	0 26	23 11	4 16	3 12
M 5	15 38	22 56	4 13	20 44	1 45	12 35	1 5	7 53	1 13	23 0	0 19	9 18	2 15	16 9	0 21	21 7	1 32	11 15	11 0	0 6	0 27	23 9	4 19	3 12
T 6	15 56	18 56	3 31	20 16	1 29	13 1	1 3	7 52	1 9	23 0	0 19	9 20	2 15	16 10	0 21	21 7	1 32	11 15	11 0	0 6	0 28	23 7	4 22	3 12
W 7	16 14	14 9	2 39	19 43	1 11	13 27	1 1	7 51	1 5	23 0	0 19	9 22	2 15	16 12	0 21	21 7	1 32	11 14	11 0	0 6	0 30	23 4	4 25	3 12
T 8	16 31	8 47	1 40	19 7	0 52	13 53	0 59	7 51	1 1	23 0	0 19	9 25	2 15	16 13	0 21	21 7	1 32	11 14	11 0	0 7	0 31	23 2	4 28	3 12
F 9	16 49	3 0	0 35	18 28	0 32	14 18	0 58	7 50	0 58	23 1	0 19	9 27	2 16	16 14	0 21	21 7	1 32	11 14	11 0	0 7	0 32	23 0	4 31	3 12
S 10	17 6	3n 3	0n33	17 47	0 12	14 43	0 56	7 50	0 54	23 1	0 19	9 30	2 16	16 15	0 21	21 6	1 32	11 14	11 0	0 7	0 33	22 58	4 34	3 12
S 11	17 23	9 9	1 41	17 5	0n 9	15 7	0 54	7 50	0 50	23 1	0 19	9 32	2 16	16 16	0 21	21 6	1 32	11 14	11 0	0 6	0 35	22 56	4 37	3 12
M12	17 39	15 0	2 45	16 23	0 29	15 31	0 52	7 50	0 47	23 1	0 18	9 35	2 16	16 17	0 21	21 6	1 32	11 13	11 0	0 5	0 36	22 54	4 40	3 12
T 13	17 55	20 18	3 42	15 43	0 49	15 55	0 50	7 51	0 43	23 2	0 18	9 37	2 16	16 18	0 21	21 6	1 32	11 13	11 0	0 2	0 37	22 51	4 42	3 12
W14	18 11	24 36	4 26	15 5	1 7	16 18	0 48	7 52	0 40	23 2	0 18	9 39	2 16	16 19	0 21	21 6	1 32	11 13	11 0	0s 1	0 38	22 49	4 45	3 12
T 15	18 27	27 28	4 55	14 31	1 24	16 41	0 46	7 53	0 36	23 2	0 18	9 42	2 16	16 20	0 21	21 5	1 32	11 13	11 1	0 4	0 40	22 47	4 48	3 12
F 16	18 42	28 33	5 5	14 2	1 39	17 3	0 44	7 54	0 33	23 2	0 18	9 44	2 16	16 21	0 21	21 5	1 32	11 13	11 1	0 8	0 41	22 45	4 51	3 12
S 17	18 57	27 40	4 56	13 37	1 52	17 25	0 42	7 56	0 30	23 3	0 18	9 46	2 16	16 22	0 21	21 5	1 32	11 13	11 1	0 11	0 42	22 43	4 53	3 12
S 18	19 11	24 57	4 28	13 18	2 3	17 47	0 40	7 57	0 26	23 3	0 18	9 49	2 16	16 23	0 21	21 5	1 32	11 12	11 1	0 13	0 43	22 40	4 56	3 12
M19	19 26	20 41	3 44	13 4	2 12	18 8	0 38	8 0	0 23	23 3	0 18	9 51	2 16	16 24	0 21	21 5	1 32	11 12	11 1	0 14	0 45	22 38	4 59	3 12
T 20	19 39	15 17	2 46	12 56	2 19	18 28	0 35	8 2	0 20	23 4	0 18	9 53	2 16	16 26	0 20	21 5	1 32	11 12	11 1	0 14	0 46	22 36	5 2	3 12
W21	19 53	9 11	1 39	12 53	2 24	18 48	0 33	8 4	0 17	23 4	0 18	9 55	2 16	16 27	0 20	21 4	1 32	11 12	11 1	0 14	0 47	22 34	5 4	3 12
T 22	20 6	2 42	0 28	12 55	2 28	19 8	0 31	8 7	0 14	23 4	0 18	9 58	2 17	16 28	0 20	21 4	1 32	11 12	11 1	0 14	0 49	22 31	5 7	3 12
F 23	20 19	3s48	0s45	13 1	2 30	19 27	0 29	8 10	0 11	23 4	0 17	10 0	2 17	16 29	0 20	21 4	1 32	11 12	11 1	0 14	0 50	22 29	5 9	3 12
S 24	20 31	10 3	1 54	13 10	2 30	19 45	0 26	8 13	0 8	23 5	0 17	10 2	2 17	16 30	0 20	21 4	1 32	11 11	11 1	0 15	0 51	22 27	5 12	3 12
S 25	20 43	15 47	2 55	13 23	2 29	20 3	0 24	8 17	0 5	23 5	0 17	10 4	2 17	16 31	0 20	21 4	1 32	11 11	11 1	0 17	0 52	22 25	5 14	3 12
M26	20 55	20 42	3 47	13 40	2 28	20 20	0 22	8 21	0 2	23 5	0 17	10 6	2 17	16 32	0 20	21 3	1 32	11 11	11 1	0 20	0 54	22 22	5 17	3 12
T 27	21 6	24 35	4 26	13 58	2 25	20 37	0 20	8 24	0n 0	23 6	0 17	10 8	2 17	16 33	0 20	21 3	1 32	11 11	11 1	0 24	0 55	22 20	5 19	3 12
W28	21 17	27 11	4 51	14 19	2 21	20 53	0 17	8 29	0 3	23 6	0 17	10 10	2 17	16 34	0 20	21 3	1 32	11 11	11 1	0 29	0 56	22 18	5 22	3 12
T 29	21 28	28 24	5 1	14 41	2 17	21 9	0 15	8 33	0 6	23 6	0 17	10 13	2 17	16 35	0 20	21 3	1 32	11 11	11 1	0 34	0 57	22 15	5 24	3 12
F 30	21s38	28s11	4s58	15s 4	2n12	21s24	0n12	8n38	0n 8	23n 7	0s17	10s15	2n17	16s36	0n20	21n 3	1s32	11n11	11s 1	0s39	0s59	22s13	5s27	3s12

Julian Day Number = 2413133.5, Delta T = -5.04 sec
Ecliptic obliquity = 23°27'20, Nutation = - 0°00'01, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°16'18, Lahiri = 22°23'18

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ASTRODIENST EPHEMERIS for the year 1894
geocentric

DECEMBER 1894 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 39 21	8♐49'17	19♑52	19♏ 9	8♐54	21♈55	4°R 5	2♏45	17♏ 4	14°R33	10°R49	28°R10	27♓30	7♒37	6♎24	S 1
S 2	4 43 17	9°50'09	1♒47	20°23	10°10	22° 3	3♋58	2°51	17° 8	14♊32	10♊48	28♓ 1	27°26	7°44	6°30	S 2
M 3	4 47 14	10°51'02	13°37	21°40	11°25	22°11	3°52	2°57	17°11	14°30	10°47	27°55	27°23	7°51	6°36	M 3
T 4	4 51 10	11°51'56	25°26	22°59	12°41	22°20	3°44	3° 3	17°15	14°28	10°46	27°52	27°20	7°57	6°41	T 4
W 5	4 55 7	12°52'51	7♓18	24°20	13°56	22°29	3°37	3°10	17°18	14°27	10°44	27°51	27°17	8° 4	6°47	W 5
T 6	4 59 4	13°53'47	19°18	25°42	15°12	22°40	3°30	3°16	17°21	14°25	10°43	27°D51	27°14	8°11	6°52	T 6
F 7	5 3 0	14°54'43	1♈33	27° 6	16°27	22°51	3°23	3°22	17°25	14°23	10°42	27°R51	27°10	8°17	6°58	F 7
S 8	5 6 57	15°55'40	14° 8	28°31	17°43	23° 2	3°15	3°28	17°28	14°22	10°41	27°50	27° 7	8°24	7° 3	S 8
S 9	5 10 53	16°56'38	27° 7	29°57	18°58	23°14	3° 8	3°34	17°32	14°20	10°40	27°47	27° 4	8°31	7° 8	S 9
M10	5 14 50	17°57'36	10♉32	1♐24	20°14	23°27	3° 0	3°40	17°35	14°18	10°39	27°41	27° 1	8°38	7°13	M10
T 11	5 18 46	18°58'35	24°26	2°51	21°29	23°40	2°53	3°45	17°38	14°16	10°38	27°32	26°58	8°44	7°18	T 11
W12	5 22 43	19°59'35	8♊46	4°20	22°44	23°54	2°45	3°51	17°42	14°15	10°36	27°22	26°55	8°51	7°23	W12
T 13	5 26 40	21° 0'35	23°26	5°48	24° 0	24° 9	2°37	3°57	17°45	14°13	10°35	27°10	26°51	8°58	7°28	T 13
F 14	5 30 36	22° 1'37	8♋19	7°18	25°15	24°24	2°29	4° 3	17°48	14°11	10°34	26°58	26°48	9° 4	7°32	F 14
S 15	5 34 33	23° 2'39	23°16	8°47	26°31	24°39	2°21	4° 8	17°52	14°10	10°33	26°47	26°45	9°11	7°37	S 15
S 16	5 38 29	24° 3'42	8♌ 7	10°18	27°46	24°55	2°13	4°14	17°55	14° 8	10°32	26°39	26°42	9°18	7°41	S 16
M17	5 42 26	25° 4'45	22°45	11°48	29° 2	25°12	2° 5	4°19	17°58	14° 6	10°31	26°34	26°39	9°24	7°45	M17
T 18	5 46 22	26° 5'50	7♍ 6	13°19	0♑17	25°29	1°57	4°25	18° 1	14° 5	10°30	26°31	26°36	9°31	7°50	T 18
W19	5 50 19	27° 6'55	21° 7	14°50	1°33	25°47	1°49	4°30	18° 4	14° 3	10°29	26°31	26°32	9°38	7°54	W19
T 20	5 54 15	28° 8'01	4♎49	16°21	2°48	26° 5	1°41	4°35	18° 7	14° 1	10°28	26°31	26°29	9°44	7°58	T 20
F 21	5 58 12	29° 9'08	18°14	17°53	4° 4	26°23	1°33	4°41	18°10	14° 0	10°27	26°30	26°26	9°51	8° 2	F 21
S 22	6 2 9	0♑10'16	1♏22	19°25	5°19	26°42	1°25	4°46	18°14	13°58	10°25	26°27	26°23	9°58	8° 6	S 22
S 23	6 6 5	1°11'24	14°17	20°57	6°35	27° 2	1°16	4°51	18°17	13°57	10°24	26°21	26°20	10° 4	8° 9	S 23
M24	6 10 2	2°12'33	27° 1	22°29	7°50	27°22	1° 8	4°56	18°19	13°55	10°23	26°12	26°16	10°11	8°13	M24
T 25	6 13 58	3°13'43	9♐33	24° 2	9° 6	27°42	1° 0	5° 1	18°22	13°53	10°22	26° 1	26°13	10°18	8°16	T 25
W26	6 17 55	4°14'53	21°57	25°35	10°21	28° 3	0°52	5° 6	18°25	13°52	10°21	25°47	26°10	10°25	8°20	W26
T 27	6 21 51	5°16'03	4♑11	27° 8	11°36	28°24	0°44	5°10	18°28	13°50	10°20	25°32	26° 7	10°31	8°23	T 27
F 28	6 25 48	6°17'13	16°17	28°42	12°52	28°45	0°36	5°15	18°31	13°49	10°19	25°18	26° 4	10°38	8°26	F 28
S 29	6 29 44	7°18'24	28°15	0♑15	14° 7	29° 7	0°28	5°20	18°34	13°47	10°18	25° 5	26° 1	10°45	8°29	S 29
S 30	6 33 41	8°19'35	10♒ 7	1°49	15°23	29°29	0°20	5°24	18°37	13°46	10°17	24°54	25°57	10°51	8°32	S 30
M31	6 37 38	9♑20'45	21♒55	3♑24	16♑38	29♈52	0♋12	5♏29	18♏39	13♊44	10♊16	24♓47	25♓54	10♒58	8♎35	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s47	26s37	4s41	15s29	2n 7	21s38	0n10	8n43	0n11	23n 7	0s17	10s17	2n17	16s37	0n20	21n 2	1s32	11n11	11s 1	0s44	1s 0	22s11	5s29	3s12
S 2	21 56	23 51	4 11	15 54	2 1	21 52	0 8	8 48	0 13	23 7	0 16	10 19	2 18	16 38	0 20	21 2	1 32	11 10	11 1	0 47	1 1	22 9	5 31	3 12
M 3	22 5	20 7	3 32	16 20	1 55	22 5	0 5	8 53	0 15	23 8	0 16	10 21	2 18	16 39	0 20	21 2	1 32	11 10	11 1	0 50	1 2	22 6	5 34	3 12
T 4	22 14	15 36	2 43	16 47	1 49	22 17	0 3	8 58	0 18	23 8	0 16	10 23	2 18	16 40	0 20	21 2	1 32	11 10	11 0	0 51	1 4	22 4	5 36	3 12
W 5	22 22	10 29	1 47	17 13	1 42	22 29	0 1	9 4	0 20	23 8	0 16	10 25	2 18	16 41	0 20	21 2	1 32	11 10	11 0	0 51	1 5	22 2	5 38	3 12
T 6	22 29	4 56	0 45	17 39	1 35	22 40	0s 2	9 10	0 22	23 9	0 16	10 27	2 18	16 42	0 20	21 1	1 32	11 10	11 0	0 52	1 6	21 59	5 40	3 12
F 7	22 36	0n55	0n20	18 6	1 28	22 50	0 4	9 16	0 24	23 9	0 16	10 29	2 18	16 43	0 20	21 1	1 32	11 10	11 0	0 51	1 7	21 57	5 42	3 12
S 8	22 43	6 53	1 25	18 32	1 21	23 0	0 7	9 22	0 26	23 9	0 16	10 30	2 18	16 44	0 20	21 1	1 32	11 10	11 0	0 52	1 9	21 55	5 44	3 12
S 9	22 49	12 45	2 28	18 57	1 13	23 9	0 9	9 29	0 28	23 9	0 16	10 32	2 19	16 45	0 20	21 1	1 32	11 10	11 0	0 53	1 10	21 52	5 47	3 12
M10	22 55	18 14	3 25	19 23	1 6	23 17	0 11	9 35	0 30	23 10	0 16	10 34	2 19	16 46	0 20	21 1	1 32	11 10	11 0	0 55	1 11	21 50	5 49	3 12
T 11	23 0	22 58	4 12	19 47	0 59	23 25	0 14	9 42	0 32	23 10	0 15	10 36	2 19	16 47	0 20	21 1	1 32	11 10	11 0	0 59	1 13	21 48	5 51	3 12
W12	23 5	26 28	4 45	20 11	0 51	23 31	0 16	9 49	0 34	23 10	0 15	10 38	2 19	16 48	0 20	21 0	1 32	11 9	11 0	1 3	1 14	21 45	5 53	3 12
T 13	23 9	28 17	4 59	20 34	0 44	23 38	0 19	9 56	0 36	23 11	0 15	10 40	2 19	16 49	0 20	21 0	1 32	11 9	11 0	1 8	1 15	21 43	5 54	3 12
F 14	23 13	28 5	4 54	20 57	0 36	23 43	0 21	10 3	0 38	23 11	0 15	10 41	2 19	16 49	0 20	21 0	1 32	11 9	11 0	1 13	1 16	21 40	5 56	3 13
S 15	23 16	25 52	4 29	21 19	0 29	23 48	0 23	10 10	0 40	23 11	0 15	10 43	2 19	16 50	0 20	21 0	1 32	11 9	11 0	1 17	1 18	21 38	5 58	3 13
S 16	23 19	21 53	3 46	21 39	0 21	23 52	0 25	10 18	0 41	23 11	0 15	10 45	2 20	16 51	0 20	21 0	1 32	11 9	11 0	1 20	1 19	21 36	6 0	3 13
M17	23 22	16 35	2 48	21 59	0 14	23 55	0 28	10 25	0 43	23 12	0 15	10 46	2 20	16 52	0 20	20 59	1 32	11 9	11 0	1 22	1 20	21 33	6 2	3 13
T 18	23 24	10 28	1 41	22 18	0 7	23 57	0 30	10 33	0 45	23 12	0 14	10 48	2 20	16 53	0 20	20 59	1 32	11 9	10 59	1 23	1 21	21 31	6 4	3 13
W19	23 25	3 57	0 28	22 36	0s 0	23 59	0 32	10 41	0 46	23 12	0 14	10 50	2 20	16 54	0 20	20 59	1 32	11 9	10 59	1 23	1 23	21 29	6 5	3 13
T 20	23 27	2s35	0s44	22 53	0 8	24 0	0 35	10 49	0 48	23 13	0 14	10 51	2 20	16 55	0 20	20 59	1 32	11 9	10 59	1 23	1 24	21 26	6 7	3 13
F 21	23 27	8 53	1 52	23 9	0 15	24 0	0 37	10 57	0 49	23 13	0 14	10 53	2 21	16 56	0 20	20 59	1 32	11 9	10 59	1 24	1 25	21 24	6 9	3 13
S 22	23 27	14 39	2 53	23 23	0 21	24 0	0 39	11 5	0 51	23 13	0 14	10 54	2 21	16 56	0 20	20 59	1 32	11 9	10 59	1 25	1 26	21 21	6 10	3 13
S 23	23 27	19 41	3 44	23 37	0 28	23 59	0 41	11 14	0 52	23 13	0 14	10 56	2 21	16 57	0 20	20 58	1 32	11 9	10 59	1 27	1 28	21 19	6 12	3 13
M24	23 26	23 45	4 22	23 49	0 35	23 57	0 43	11 22	0 53	23 13	0 14	10 57	2 21	16 58	0 20	20 58	1 32	11 9	10 59	1 31	1 29	21 16	6 13	3 13
T 25	23 25	26 38	4 48	24 0	0 41	23 54	0 45	11 31	0 55	23 14	0 13	10 59	2 21	16 59	0 20	20 58	1 31	11 9	10 59	1 35	1 30	21 14	6 15	3 13
W26	23 23	28 11	4 59	24 10	0 47	23 50	0 47	11 39	0 56	23 14	0 13	11 0	2 21	17 0	0 21	20 58	1 31	11 9	10 58	1 41	1 31	21 12	6 16	3 13
T 27	23 21	28 19	4 56	24 19	0 53	23 46	0 49	11 48	0 57	23 14	0 13	11 2	2 22	17 0	0 21	20 58	1 31	11 9	10 58	1 46	1 33	21 9	6 17	3 13
F 28	23 18	27 6	4 40	24 26	0 59	23 41	0 51	11 57	0 58	23 14	0 13	11 3	2 22	17 1	0 21	20 58	1 31	11 9	10 58	1 52	1 34	21 7	6 19	3 14
S 29	23 15	24 38	4 12	24 32	1 5	23 35	0 53	12 6	1 0	23 14	0 13	11 4	2 22	17 2	0 21	20 57	1 31	11 9	10 58	1 57	1 35	21 4	6 20	3 14
S 30	23 12	21 8	3 33	24 37	1 11	23 29	0 55	12 15	1 1	23 15	0 13	11 6	2 22	17 3	0 21	20 57	1 31	11 9	10 58	2 2	1 36	21 2	6 21	3 14
M31	23s 8	16s48	2s44	24s41	1s16	23s22	0s57	12n24	1n 2	23n15	0s13	11s 7	2n22	17s 3	0n21	20n57	1s31	11n 9	10s58	2s 5	1s38	20s59	6s22	3s14

Julian Day Number = 2413163.5, Delta T = -5.04 sec
Ecliptic obliquity = 23°27'19, Nutation = - 0°00'00, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°16'22, Lahiri = 22°23'22

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ASTRODIENST EPHEMERIS for the year 1895
geocentric

JANUARY 1895 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	6 41 34	10♑21'56	3♓42	4♑58	17♑54	0♉15	0°R 4	5♏33	18♏42	13°R43	10°R15	24°R42	25♓51	11♒ 5	8♎38	T 1
W 2	6 45 31	11°23'06	15°33	6°33	19° 9	0°39	29♊56	5°38	18°45	13♊41	10♊14	24♓40	25°48	11°11	8°40	W 2
T 3	6 49 27	12°24'16	27°31	8° 9	20°25	1° 2	29°48	5°42	18°47	13°40	10°13	24°D40	25°45	11°18	8°43	T 3
F 4	6 53 24	13°25'25	9♈42	9°44	21°40	1°26	29°40	5°46	18°50	13°38	10°12	24°R40	25°42	11°25	8°45	F 4
S 5	6 57 20	14°26'35	22°12	11°20	22°55	1°51	29°33	5°50	18°52	13°37	10°11	24°40	25°38	11°31	8°47	S 5
S 6	7 1 17	15°27'44	5♉ 5	12°57	24°11	2°15	29°25	5°54	18°55	13°35	10°11	24°38	25°35	11°38	8°49	S 6
M 7	7 5 13	16°28'52	18°26	14°34	25°26	2°40	29°18	5°58	18°57	13°34	10°10	24°34	25°32	11°45	8°51	M 7
T 8	7 9 10	17°30'00	2♊17	16°11	26°42	3° 6	29°10	6° 2	19° 0	13°33	10° 9	24°27	25°29	11°51	8°53	T 8
W 9	7 13 7	18°31'08	16°38	17°49	27°57	3°31	29° 3	6° 5	19° 2	13°31	10° 8	24°19	25°26	11°58	8°55	W 9
T 10	7 17 3	19°32'15	1♋25	19°27	29°12	3°57	28°56	6° 9	19° 4	13°30	10° 7	24° 8	25°22	12° 5	8°57	T 10
F 11	7 21 0	20°33'22	16°31	21° 6	0♒28	4°23	28°49	6°13	19° 7	13°29	10° 6	23°58	25°19	12°11	8°58	F 11
S 12	7 24 56	21°34'28	1♌46	22°45	1°43	4°50	28°42	6°16	19° 9	13°28	10° 5	23°49	25°16	12°18	8°59	S 12
S 13	7 28 53	22°35'34	16°58	24°24	2°58	5°16	28°35	6°19	19°11	13°26	10° 5	23°42	25°13	12°25	9° 1	S 13
M14	7 32 49	23°36'40	1♍59	26° 4	4°14	5°43	28°28	6°23	19°13	13°25	10° 4	23°38	25°10	12°32	9° 2	M14
T 15	7 36 46	24°37'46	16°39	27°45	5°29	6°11	28°22	6°26	19°15	13°24	10° 3	23°36	25° 7	12°38	9° 3	T 15
W16	7 40 43	25°38'51	0♎56	29°26	6°44	6°38	28°15	6°29	19°17	13°23	10° 2	23°D36	25° 3	12°45	9° 4	W16
T 17	7 44 39	26°39'55	14°47	1♒ 7	7°59	7° 6	28° 9	6°32	19°19	13°22	10° 1	23°36	25° 0	12°52	9° 5	T 17
F 18	7 48 36	27°41'00	28°14	2°49	9°15	7°33	28° 3	6°35	19°21	13°20	10° 1	23°R37	24°57	12°58	9° 5	F 18
S 19	7 52 32	28°42'04	11♏19	4°31	10°30	8° 1	27°57	6°38	19°23	13°19	10° 0	23°36	24°54	13° 5	9° 6	S 19
S 20	7 56 29	29°43'09	24° 6	6°14	11°45	8°30	27°51	6°40	19°25	13°18	9°59	23°33	24°51	13°12	9° 6	S 20
M21	8 0 25	0♒44'12	6♐38	7°57	13° 0	8°58	27°45	6°43	19°27	13°17	9°59	23°28	24°48	13°18	9° 6	M21
T 22	8 4 22	1°45'15	18°58	9°41	14°16	9°27	27°39	6°45	19°28	13°16	9°58	23°20	24°44	13°25	9° 7	T 22
W23	8 8 18	2°46'18	1♑ 8	11°24	15°31	9°56	27°34	6°48	19°30	13°15	9°57	23°11	24°41	13°32	9°R 7	W23
T 24	8 12 15	3°47'20	13°10	13° 8	16°46	10°25	27°29	6°50	19°32	13°14	9°57	23° 1	24°38	13°38	9° 7	T 24
F 25	8 16 12	4°48'21	25° 7	14°52	18° 1	10°54	27°23	6°52	19°33	13°13	9°56	22°51	24°35	13°45	9° 6	F 25
S 26	8 20 8	5°49'22	6♒59	16°36	19°17	11°24	27°18	6°55	19°35	13°12	9°55	22°42	24°32	13°52	9° 6	S 26
S 27	8 24 5	6°50'21	18°48	18°20	20°32	11°53	27°14	6°57	19°36	13°12	9°55	22°35	24°28	13°58	9° 6	S 27
M28	8 28 1	7°51'19	0♓37	20° 3	21°47	12°23	27° 9	6°58	19°38	13°11	9°54	22°30	24°25	14° 5	9° 5	M28
T 29	8 31 58	8°52'17	12°26	21°46	23° 2	12°53	27° 5	7° 0	19°39	13°10	9°54	22°27	24°22	14°12	9° 5	T 29
W30	8 35 54	9°53'13	24°19	23°27	24°17	13°24	27° 0	7° 2	19°40	13° 9	9°53	22°D26	24°19	14°18	9° 4	W30
T 31	8 39 51	10♒54'08	6♈20	25♒ 8	25♒32	13♉54	26♊56	7♏ 4	19♏42	13♊ 8	9♊53	22♓27	24♓16	14♒25	9♎ 3	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23s 3	11s51	1s49	24s43	1s21	23s14	0s59	12n33	1n 3	23n15	0s12	11s 8	2n23	17s 4	0n21	20n57	1s31	11n 9	10s58	2s 6	1s39	20s57	6s23	3s14
W 2	22 58	6 27	0 48	24 44	1 26	23 5	1 1	12 42	1 4	23 15	0 12	11 10	2 23	17 5	0 21	20 57	1 31	11 9	10 57	2 7	1 40	20 54	6 25	3 14
T 3	22 53	0 45	0n15	24 43	1 31	22 56	1 3	12 52	1 5	23 15	0 12	11 11	2 23	17 6	0 21	20 57	1 31	11 9	10 57	2 7	1 42	20 52	6 26	3 14
F 4	22 47	5n 3	1 19	24 41	1 35	22 46	1 4	13 1	1 6	23 15	0 12	11 12	2 23	17 6	0 21	20 57	1 31	11 9	10 57	2 7	1 43	20 49	6 27	3 14
S 5	22 40	10 49	2 21	24 37	1 39	22 36	1 6	13 10	1 7	23 15	0 12	11 13	2 23	17 7	0 21	20 56	1 31	11 9	10 57	2 7	1 44	20 47	6 27	3 14
S 6	22 34	16 19	3 17	24 32	1 43	22 24	1 8	13 20	1 8	23 16	0 12	11 14	2 24	17 8	0 21	20 56	1 31	11 9	10 57	2 8	1 45	20 44	6 28	3 14
M 7	22 26	21 15	4 5	24 26	1 47	22 12	1 9	13 29	1 9	23 16	0 11	11 15	2 24	17 8	0 21	20 56	1 31	11 9	10 57	2 10	1 47	20 42	6 29	3 14
T 8	22 19	25 13	4 41	24 18	1 50	21 59	1 11	13 39	1 10	23 16	0 11	11 16	2 24	17 9	0 21	20 56	1 31	11 9	10 56	2 12	1 48	20 39	6 30	3 14
W 9	22 10	27 46	5 0	24 9	1 53	21 46	1 12	13 48	1 11	23 16	0 11	11 17	2 24	17 10	0 21	20 56	1 31	11 9	10 56	2 16	1 49	20 37	6 31	3 14
T 10	22 2	28 27	5 1	23 58	1 56	21 32	1 14	13 58	1 12	23 16	0 11	11 18	2 25	17 10	0 21	20 56	1 31	11 9	10 56	2 20	1 50	20 34	6 32	3 14
F 11	21 53	27 4	4 40	23 45	1 59	21 17	1 15	14 8	1 12	23 16	0 11	11 19	2 25	17 11	0 21	20 56	1 31	11 10	10 56	2 24	1 52	20 32	6 32	3 15
S 12	21 43	23 41	4 0	23 31	2 1	21 2	1 16	14 17	1 13	23 16	0 11	11 20	2 25	17 11	0 21	20 56	1 31	11 10	10 56	2 27	1 53	20 29	6 33	3 15
S 13	21 34	18 39	3 2	23 16	2 3	20 46	1 18	14 27	1 14	23 16	0 11	11 21	2 25	17 12	0 21	20 55	1 31	11 10	10 55	2 30	1 54	20 27	6 33	3 15
M14	21 23	12 32	1 53	22 59	2 4	20 30	1 19	14 37	1 15	23 16	0 10	11 22	2 25	17 13	0 21	20 55	1 31	11 10	10 55	2 32	1 55	20 24	6 34	3 15
T 15	21 13	5 50	0 37	22 40	2 5	20 12	1 20	14 46	1 15	23 16	0 10	11 23	2 26	17 13	0 21	20 55	1 31	11 10	10 55	2 33	1 57	20 22	6 34	3 15
W16	21 2	0s58	0s39	22 20	2 6	19 55	1 21	14 56	1 16	23 17	0 10	11 24	2 26	17 14	0 21	20 55	1 31	11 10	10 55	2 33	1 58	20 19	6 35	3 15
T 17	20 50	7 32	1 51	21 58	2 6	19 36	1 22	15 6	1 17	23 17	0 10	11 24	2 26	17 14	0 21	20 55	1 31	11 10	10 55	2 32	1 59	20 17	6 35	3 15
F 18	20 38	13 34	2 55	21 35	2 6	19 18	1 23	15 16	1 17	23 17	0 10	11 25	2 26	17 15	0 21	20 55	1 31	11 10	10 54	2 32	2 0	20 14	6 35	3 15
S 19	20 26	18 50	3 47	21 10	2 5	18 58	1 24	15 25	1 18	23 17	0 10	11 26	2 27	17 15	0 21	20 55	1 31	11 10	10 54	2 33	2 2	20 12	6 36	3 15
S 20	20 13	23 7	4 27	20 43	2 4	18 38	1 25	15 35	1 19	23 17	0 9	11 26	2 27	17 16	0 21	20 55	1 31	11 10	10 54	2 34	2 3	20 9	6 36	3 15
M21	20 0	26 15	4 53	20 15	2 2	18 18	1 26	15 45	1 19	23 17	0 9	11 27	2 27	17 16	0 21	20 55	1 31	11 11	10 54	2 36	2 4	20 6	6 36	3 15
T 22	19 47	28 4	5 5	19 46	2 0	17 57	1 27	15 55	1 20	23 17	0 9	11 28	2 27	17 17	0 21	20 55	1 30	11 11	10 54	2 39	2 5	20 4	6 36	3 15
W23	19 33	28 30	5 3	19 15	1 57	17 35	1 27	16 4	1 20	23 17	0 9	11 28	2 28	17 17	0 21	20 55	1 30	11 11	10 53	2 43	2 7	20 1	6 36	3 15
T 24	19 19	27 34	4 48	18 42	1 54	17 13	1 28	16 14	1 21	23 17	0 9	11 29	2 28	17 18	0 21	20 54	1 30	11 11	10 53	2 47	2 8	19 59	6 36	3 15
F 25	19 5	25 23	4 20	18 8	1 50	16 51	1 29	16 24	1 22	23 17	0 9	11 29	2 28	17 18	0 21	20 54	1 30	11 11	10 53	2 51	2 9	19 56	6 36	3 15
S 26	18 50	22 5	3 40	17 32	1 45	16 28	1 29	16 34	1 22	23 17	0 9	11 30	2 28	17 18	0 21	20 54	1 30	11 11	10 53	2 54	2 11	19 53	6 36	3 15
S 27	18 35	17 55	2 52	16 56	1 40	16 4	1 29	16 43	1 23	23 17	0 8	11 30	2 29	17 19	0 21	20 54	1 30	11 11	10 52	2 57	2 12	19 51	6 36	3 15
M28	18 19	13 4	1 55	16 18	1 34	15 40	1 30	16 53	1 23	23 17	0 8	11 30	2 29	17 19	0 21	20 54	1 30	11 12	10 52	2 59	2 13	19 48	6 36	3 15
T 29	18 3	7 44	0 54	15 38	1 27	15 16	1 30	17 3	1 24	23 17	0 8	11 31	2 29	17 20	0 21	20 54	1 30	11 12	10 52	3 0	2 14	19 46	6 36	3 16
W30	17 47	2 6	0n10	14 58	1 20	14 51	1 30	17 12	1 24	23 17	0 8	11 31	2 29	17 20	0 21	20 54	1 30	11 12	10 52	3 0	2 16	19 43	6 35	3 16
T 31	17s31	3n40	1n15	14s17	1s12	14s26	1s30	17n22	1n24	23n17	0s 8	11s31	2n30	17s20	0n21	20n54	1s30	11n12	10s51	3s 0	2s17	19s40	6s35	3s16

Julian Day Number = 2413194.5, Delta T = -5.03 sec
Ecliptic obliquity = 23°27'19, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°16'26, Lahiri = 22°23'27

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ASTRODIENST EPHEMERIS for the year 1895
geocentric

FEBRUARY 1895 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	8 43 47	11♒55'01	18♈32	26♒47	26♒47	14♉25	26°R52	7♏ 5	19♏43	13°R 8	9°R52	22♓29	24♓13	14♒32	9°R 2	F 1
S 2	8 47 44	12°55'54	1♉ 0	28°25	28° 2	14°55	26♊49	7° 6	19°44	13♊ 7	9♊52	22°30	24° 9	14°38	9♎ 1	S 2
S 3	8 51 41	13°56'45	13°49	29°59	29°17	15°26	26°45	7° 8	19°45	13° 6	9°51	22°R31	24° 6	14°45	8°59	S 3
M 4	8 55 37	14°57'34	27° 2	1♓32	0♓32	15°57	26°42	7° 9	19°46	13° 6	9°51	22°30	24° 3	14°52	8°58	M 4
T 5	8 59 34	15°58'22	10♊42	3° 1	1°47	16°28	26°39	7°10	19°47	13° 5	9°51	22°28	24° 0	14°58	8°57	T 5
W 6	9 3 30	16°59'09	24°52	4°25	3° 2	17° 0	26°36	7°11	19°48	13° 5	9°50	22°24	23°57	15° 5	8°55	W 6
T 7	9 7 27	17°59'54	9♋28	5°46	4°17	17°31	26°33	7°12	19°49	13° 4	9°50	22°19	23°54	15°12	8°53	T 7
F 8	9 11 23	19° 0'38	24°27	7° 1	5°32	18° 3	26°31	7°13	19°50	13° 3	9°50	22°14	23°50	15°18	8°51	F 8
S 9	9 15 20	20° 1'20	9♌41	8° 9	6°47	18°34	26°28	7°13	19°51	13° 3	9°49	22° 9	23°47	15°25	8°50	S 9
S 10	9 19 16	21° 2'01	24°58	9°11	8° 2	19° 6	26°26	7°14	19°52	13° 3	9°49	22° 6	23°44	15°32	8°47	S 10
M11	9 23 13	22° 2'40	10♍ 9	10° 6	9°17	19°38	26°24	7°14	19°52	13° 2	9°49	22° 4	23°41	15°39	8°45	M11
T 12	9 27 10	23° 3'18	25° 5	10°52	10°32	20°10	26°23	7°15	19°53	13° 2	9°49	22°D 3	23°38	15°45	8°43	T 12
W13	9 31 6	24° 3'55	9♎37	11°29	11°47	20°42	26°21	7°15	19°54	13° 1	9°48	22° 4	23°34	15°52	8°41	W13
T 14	9 35 3	25° 4'30	23°43	11°57	13° 1	21°14	26°20	7°15	19°54	13° 1	9°48	22° 6	23°31	15°59	8°38	T 14
F 15	9 38 59	26° 5'05	7♏22	12°15	14°16	21°47	26°19	7°R15	19°55	13° 1	9°48	22° 7	23°28	16° 5	8°36	F 15
S 16	9 42 56	27° 5'38	20°35	12°R23	15°31	22°19	26°18	7°15	19°55	13° 1	9°48	22° 8	23°25	16°12	8°33	S 16
S 17	9 46 52	28° 6'10	3♐24	12°20	16°46	22°52	26°17	7°15	19°55	13° 0	9°48	22°R 8	23°22	16°19	8°30	S 17
M18	9 50 49	29° 6'41	15°54	12° 7	18° 0	23°24	26°16	7°15	19°56	13° 0	9°48	22° 7	23°19	16°25	8°28	M18
T 19	9 54 45	0♓ 7'10	28° 9	11°44	19°15	23°57	26°16	7°14	19°56	13° 0	9°47	22° 5	23°15	16°32	8°25	T 19
W20	9 58 42	1° 7'38	10♑12	11°12	20°29	24°30	26°D16	7°14	19°56	13° 0	9°47	22° 2	23°12	16°39	8°22	W20
T 21	10 2 39	2° 8'05	22° 8	10°31	21°44	25° 3	26°16	7°13	19°56	13° 0	9°47	21°59	23° 9	16°45	8°18	T 21
F 22	10 6 35	3° 8'30	3♒58	9°43	22°59	25°36	26°16	7°13	19°56	13°D 0	9°47	21°55	23° 6	16°52	8°15	F 22
S 23	10 10 32	4° 8'54	15°47	8°48	24°13	26° 9	26°17	7°12	19°R56	13° 0	9°D47	21°52	23° 3	16°59	8°12	S 23
S 24	10 14 28	5° 9'16	27°36	7°49	25°28	26°43	26°17	7°11	19°56	13° 0	9°47	21°50	23° 0	17° 5	8° 9	S 24
M25	10 18 25	6° 9'36	9♓27	6°46	26°42	27°16	26°18	7°10	19°56	13° 0	9°47	21°49	22°56	17°12	8° 5	M25
T 26	10 22 21	7° 9'55	21°23	5°42	27°57	27°49	26°19	7° 9	19°56	13° 0	9°47	21°D48	22°53	17°19	8° 1	T 26
W27	10 26 18	8°10'11	3♈25	4°38	29°11	28°23	26°20	7° 8	19°56	13° 0	9°48	21°49	22°50	17°25	7°58	W27
T 28	10 30 14	9♓10'26	15♈36	3♓35	0♈26	28♉56	26♊22	7♏ 6	19♏56	13♊ 1	9♊48	21♓50	22♓47	17♒32	7♎54	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	17s14	9n23	2n17	13s35	1s 3	14s 1	1s31	17n31	1n25	23n18	0s 8	11s32	2n30	17s21	0n21	20n54	1s30	11n12	10s51	2s59	2s18	19s38	6s35	3s16
S 2	16 57	14 52	3 14	12 52	0 53	13 35	1 31	17 41	1 25	23 18	0 7	11 32	2 30	17 21	0 21	20 54	1 30	11 12	10 51	2 59	2 19	19 35	6 34	3 16
S 3	16 39	19 52	4 4	12 9	0 43	13 9	1 31	17 50	1 26	23 18	0 7	11 32	2 30	17 21	0 21	20 54	1 30	11 13	10 51	2 58	2 21	19 33	6 34	3 16
M 4	16 22	24 4	4 42	11 26	0 32	12 42	1 30	18 0	1 26	23 18	0 7	11 32	2 31	17 21	0 21	20 54	1 30	11 13	10 50	2 59	2 22	19 30	6 33	3 16
T 5	16 4	27 6	5 5	10 43	0 20	12 15	1 30	18 9	1 26	23 18	0 7	11 32	2 31	17 22	0 21	20 54	1 30	11 13	10 50	3 0	2 23	19 27	6 33	3 16
W 6	15 45	28 32	5 11	10 0	0 7	11 48	1 30	18 18	1 27	23 18	0 7	11 32	2 31	17 22	0 21	20 54	1 30	11 13	10 50	3 1	2 24	19 25	6 32	3 16
T 7	15 27	28 4	4 58	9 18	0n 6	11 20	1 30	18 28	1 27	23 18	0 7	11 32	2 31	17 22	0 21	20 54	1 30	11 13	10 50	3 3	2 26	19 22	6 31	3 16
F 8	15 8	25 34	4 24	8 38	0 20	10 52	1 29	18 37	1 27	23 18	0 7	11 32	2 32	17 22	0 21	20 54	1 30	11 14	10 49	3 5	2 27	19 19	6 31	3 16
S 9	14 49	21 14	3 31	7 58	0 35	10 24	1 29	18 46	1 28	23 18	0 6	11 32	2 32	17 23	0 21	20 54	1 30	11 14	10 49	3 7	2 28	19 17	6 30	3 16
S 10	14 30	15 27	2 23	7 21	0 50	9 56	1 28	18 55	1 28	23 18	0 6	11 32	2 32	17 23	0 21	20 54	1 30	11 14	10 49	3 8	2 29	19 14	6 29	3 16
M11	14 10	8 46	1 5	6 46	1 6	9 27	1 28	19 4	1 28	23 18	0 6	11 32	2 32	17 23	0 21	20 54	1 29	11 14	10 49	3 9	2 31	19 11	6 28	3 15
T 12	13 50	1 42	0s17	6 14	1 22	8 58	1 27	19 13	1 29	23 18	0 6	11 32	2 33	17 23	0 21	20 54	1 29	11 15	10 48	3 9	2 32	19 9	6 27	3 15
W13	13 31	5s16	1 35	5 45	1 38	8 29	1 26	19 22	1 29	23 19	0 6	11 32	2 33	17 23	0 21	20 54	1 29	11 15	10 48	3 9	2 33	19 6	6 26	3 15
T 14	13 10	11 46	2 45	5 19	1 54	8 0	1 26	19 31	1 29	23 19	0 6	11 32	2 33	17 23	0 21	20 54	1 29	11 15	10 48	3 8	2 34	19 3	6 25	3 15
F 15	12 50	17 30	3 44	4 58	2 10	7 30	1 25	19 40	1 29	23 19	0 5	11 32	2 33	17 24	0 21	20 54	1 29	11 15	10 48	3 8	2 36	19 1	6 24	3 15
S 16	12 29	22 13	4 28	4 41	2 25	7 0	1 24	19 48	1 30	23 19	0 5	11 31	2 34	17 24	0 21	20 54	1 29	11 15	10 47	3 7	2 37	18 58	6 23	3 15
S 17	12 8	25 43	4 58	4 28	2 40	6 30	1 23	19 57	1 30	23 19	0 5	11 31	2 34	17 24	0 21	20 54	1 29	11 16	10 47	3 7	2 38	18 55	6 22	3 15
M18	11 47	27 54	5 13	4 21	2 54	6 0	1 22	20 5	1 30	23 19	0 5	11 31	2 34	17 24	0 21	20 54	1 29	11 16	10 47	3 8	2 39	18 52	6 21	3 15
T 19	11 26	28 39	5 13	4 18	3 6	5 30	1 21	20 14	1 30	23 19	0 5	11 30	2 34	17 24	0 21	20 54	1 29	11 16	10 46	3 9	2 41	18 50	6 19	3 15
W20	11 5	28 2	4 59	4 20	3 17	4 59	1 20	20 22	1 30	23 19	0 5	11 30	2 35	17 24	0 21	20 54	1 29	11 17	10 46	3 10	2 42	18 47	6 18	3 15
T 21	10 43	26 7	4 32	4 26	3 27	4 29	1 18	20 30	1 31	23 20	0 5	11 30	2 35	17 24	0 21	20 54	1 29	11 17	10 46	3 11	2 43	18 44	6 17	3 15
F 22	10 22	23 4	3 54	4 38	3 34	3 58	1 17	20 39	1 31	23 20	0 4	11 29	2 35	17 24	0 21	20 54	1 29	11 17	10 46	3 12	2 45	18 42	6 15	3 15
S 23	10 0	19 5	3 6	4 53	3 39	3 27	1 16	20 47	1 31	23 20	0 4	11 29	2 35	17 24	0 21	20 54	1 29	11 17	10 45	3 14	2 46	18 39	6 14	3 15
S 24	9 38	14 21	2 10	5 12	3 43	2 56	1 14	20 55	1 31	23 20	0 4	11 28	2 35	17 24	0 21	20 54	1 29	11 18	10 45	3 14	2 47	18 36	6 13	3 15
M25	9 15	9 5	1 8	5 34	3 44	2 25	1 13	21 3	1 31	23 20	0 4	11 28	2 36	17 24	0 21	20 54	1 29	11 18	10 45	3 15	2 48	18 33	6 11	3 14
T 26	8 53	3 27	0 2	5 59	3 42	1 54	1 11	21 10	1 31	23 20	0 4	11 27	2 36	17 24	0 21	20 55	1 29	11 18	10 45	3 15	2 50	18 31	6 10	3 14
W27	8 31	2n20	1n 4	6 25	3 39	1 23	1 10	21 18	1 32	23 21	0 4	11 26	2 36	17 24	0 21	20 55	1 29	11 18	10 44	3 15	2 51	18 28	6 8	3 14
T 28	8s 8	8n 7	2n 8	6s53	3n33	0s52	1s 8	21n26	1n32	23n21	0s 4	11s26	2n36	17s24	0n21	20n55	1s28	11n19	10s44	3s15	2s52	18s25	6s 6	3s14

Julian Day Number = 2413225.5, Delta T = -5.03 sec
Ecliptic obliquity = 23°27'20, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°16'30, Lahiri = 22°23'31

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1895
geocentric

MARCH 1895 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	10 34 11	10♓10'39	27♈57	2°R35	1♈40	29♉30	26♊24	7°R 5	19°R55	13♊ 1	9♊48	21♓51	22♓44	17♒39	7°R50	F 1
S 2	10 38 8	11°10'50	10♉33	1♓39	2°54	0♊ 4	26°25	7♏ 3	19♏55	13° 1	9°48	21°52	22°40	17°45	7♎46	S 2
S 3	10 42 4	12°10'59	23°25	0°48	4° 8	0°38	26°27	7° 2	19°55	13° 1	9°48	21°53	22°37	17°52	7°43	S 3
M 4	10 46 1	13°11'06	6♊36	0° 3	5°23	1°12	26°30	7° 0	19°54	13° 2	9°48	21°53	22°34	17°59	7°39	M 4
T 5	10 49 57	14°11'11	20° 9	29♒24	6°37	1°46	26°32	6°58	19°54	13° 2	9°49	21°R53	22°31	18° 5	7°35	T 5
W 6	10 53 54	15°11'13	4♋ 6	28°51	7°51	2°20	26°35	6°56	19°53	13° 2	9°49	21°53	22°28	18°12	7°30	W 6
T 7	10 57 50	16°11'14	18°25	28°26	9° 5	2°54	26°38	6°54	19°52	13° 3	9°49	21°52	22°25	18°19	7°26	T 7
F 8	11 1 47	17°11'12	3♌ 4	28° 6	10°19	3°28	26°41	6°52	19°52	13° 3	9°49	21°52	22°21	18°25	7°22	F 8
S 9	11 5 43	18°11'08	17°58	27°54	11°33	4° 2	26°44	6°50	19°51	13° 4	9°50	21°51	22°18	18°32	7°18	S 9
S 10	11 9 40	19°11'02	3♍ 1	27°D48	12°47	4°37	26°47	6°48	19°50	13° 4	9°50	21°51	22°15	18°39	7°13	S 10
M11	11 13 37	20°10'54	18° 4	27°49	14° 1	5°11	26°51	6°46	19°49	13° 5	9°50	21°D51	22°12	18°45	7° 9	M11
T 12	11 17 33	21°10'44	2♎58	27°55	15°15	5°45	26°54	6°43	19°49	13° 5	9°51	21°51	22° 9	18°52	7° 5	T 12
W13	11 21 30	22°10'32	17°35	28° 7	16°29	6°20	26°58	6°41	19°48	13° 6	9°51	21°R51	22° 5	18°59	7° 0	W13
T 14	11 25 26	23°10'18	1♏49	28°25	17°43	6°54	27° 2	6°38	19°47	13° 7	9°51	21°51	22° 2	19° 5	6°56	T 14
F 15	11 29 23	24°10'02	15°38	28°48	18°57	7°29	27° 7	6°35	19°46	13° 7	9°52	21°51	21°59	19°12	6°51	F 15
S 16	11 33 19	25° 9'45	29° 0	29°16	20°10	8° 3	27°11	6°33	19°45	13° 8	9°52	21°50	21°56	19°19	6°46	S 16
S 17	11 37 16	26° 9'26	11♐57	29°48	21°24	8°38	27°16	6°30	19°44	13° 9	9°53	21°50	21°53	19°25	6°42	S 17
M18	11 41 12	27° 9'06	24°32	0♓24	22°38	9°13	27°20	6°27	19°42	13°10	9°53	21°D50	21°50	19°32	6°37	M18
T 19	11 45 9	28° 8'43	6♑48	1° 5	23°51	9°48	27°25	6°24	19°41	13°11	9°54	21°50	21°46	19°39	6°32	T 19
W20	11 49 6	29° 8'19	18°51	1°49	25° 5	10°22	27°30	6°21	19°40	13°11	9°54	21°50	21°43	19°45	6°28	W20
T 21	11 53 2	0♈ 7'53	0♒44	2°37	26°19	10°57	27°36	6°18	19°39	13°12	9°55	21°51	21°40	19°52	6°23	T 21
F 22	11 56 59	1° 7'26	12°33	3°29	27°32	11°32	27°41	6°14	19°37	13°13	9°56	21°52	21°37	19°59	6°18	F 22
S 23	12 0 55	2° 6'56	24°21	4°23	28°45	12° 7	27°47	6°11	19°36	13°14	9°56	21°53	21°34	20° 5	6°13	S 23
S 24	12 4 52	3° 6'24	6♓12	5°20	29°59	12°42	27°52	6° 8	19°34	13°15	9°57	21°54	21°31	20°12	6° 9	S 24
M25	12 8 48	4° 5'51	18° 8	6°20	1♉12	13°17	27°58	6° 4	19°33	13°16	9°57	21°R54	21°27	20°19	6° 4	M25
T 26	12 12 45	5° 5'15	0♈13	7°23	2°26	13°52	28° 4	6° 1	19°31	13°17	9°58	21°54	21°24	20°25	5°59	T 26
W27	12 16 41	6° 4'38	12°28	8°28	3°39	14°27	28°11	5°57	19°30	13°18	9°59	21°53	21°21	20°32	5°54	W27
T 28	12 20 38	7° 3'58	24°55	9°36	4°52	15° 3	28°17	5°53	19°28	13°19	9°59	21°52	21°18	20°39	5°50	T 28
F 29	12 24 34	8° 3'17	7♉34	10°46	6° 5	15°38	28°24	5°50	19°27	13°20	10° 0	21°50	21°15	20°45	5°45	F 29
S 30	12 28 31	9° 2'33	20°26	11°58	7°18	16°13	28°30	5°46	19°25	13°22	10° 1	21°47	21°11	20°52	5°40	S 30
S 31	12 32 28	10♈ 1'47	3♊33	13♓12	8♉31	16♊48	28♊37	5♏42	19♏23	13♊23	10♊ 2	21♓44	21♓ 8	20♒59	5♎35	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	7s45	13n40	3n 7	7s21	3n26	0s21	1s 6	21n33	1n32	23n21	0s 4	11s25	2n37	17s24	0n21	20n55	1s28	11n19	10s44	3s14	2s53	18s22	6s 5	3s14
S 2	7 23	18 46	3 59	7 49	3 17	0n10	1 4	21 40	1 32	23 21	0 3	11 24	2 37	17 24	0 21	20 55	1 28	11 19	10 44	3 14	2 55	18 20	6 3	3 14
S 3	7 0	23 8	4 39	8 17	3 7	0 42	1 2	21 48	1 32	23 21	0 3	11 24	2 37	17 23	0 21	20 55	1 28	11 20	10 43	3 13	2 56	18 17	6 1	3 14
M 4	6 37	26 27	5 6	8 43	2 55	1 13	1 1	21 55	1 32	23 21	0 3	11 23	2 37	17 23	0 21	20 55	1 28	11 20	10 43	3 13	2 57	18 14	6 0	3 13
T 5	6 14	28 22	5 17	9 9	2 43	1 44	0 59	22 2	1 32	23 22	0 3	11 22	2 38	17 23	0 21	20 55	1 28	11 20	10 43	3 13	2 58	18 11	5 58	3 13
W 6	5 50	28 34	5 10	9 32	2 30	2 15	0 57	22 9	1 32	23 22	0 3	11 21	2 38	17 23	0 21	20 55	1 28	11 20	10 42	3 13	3 0	18 9	5 56	3 13
T 7	5 27	26 53	4 44	9 54	2 16	2 46	0 54	22 16	1 32	23 22	0 3	11 20	2 38	17 23	0 21	20 55	1 28	11 21	10 42	3 14	3 1	18 6	5 54	3 13
F 8	5 4	23 22	3 59	10 14	2 2	3 17	0 52	22 22	1 32	23 22	0 3	11 20	2 38	17 23	0 21	20 55	1 28	11 21	10 42	3 14	3 2	18 3	5 52	3 13
S 9	4 40	18 16	2 57	10 32	1 47	3 48	0 50	22 29	1 32	23 22	0 2	11 19	2 38	17 22	0 21	20 56	1 28	11 21	10 42	3 14	3 3	18 0	5 51	3 12
S 10	4 17	12 0	1 43	10 47	1 33	4 19	0 48	22 35	1 33	23 23	0 2	11 18	2 39	17 22	0 21	20 56	1 28	11 22	10 41	3 14	3 5	17 58	5 49	3 12
M11	3 54	5 3	0 21	11 1	1 19	4 50	0 46	22 42	1 33	23 23	0 2	11 17	2 39	17 22	0 21	20 56	1 28	11 22	10 41	3 14	3 6	17 55	5 47	3 12
T 12	3 30	2s 7	1s 1	11 12	1 5	5 21	0 43	22 48	1 33	23 23	0 2	11 16	2 39	17 22	0 21	20 56	1 28	11 22	10 41	3 14	3 7	17 52	5 45	3 12
W13	3 6	9 2	2 18	11 20	0 51	5 51	0 41	22 54	1 33	23 23	0 2	11 15	2 39	17 21	0 21	20 56	1 28	11 23	10 41	3 14	3 8	17 49	5 43	3 12
T 14	2 43	15 19	3 24	11 27	0 37	6 22	0 39	23 0	1 33	23 24	0 2	11 14	2 39	17 21	0 21	20 56	1 28	11 23	10 40	3 14	3 10	17 46	5 41	3 11
F 15	2 19	20 37	4 17	11 32	0 24	6 52	0 36	23 6	1 33	23 24	0 2	11 13	2 40	17 21	0 21	20 56	1 28	11 23	10 40	3 14	3 11	17 44	5 39	3 11
S 16	1 55	24 43	4 53	11 34	0 11	7 22	0 34	23 11	1 33	23 24	0 2	11 12	2 40	17 21	0 21	20 57	1 28	11 24	10 40	3 14	3 12	17 41	5 37	3 11
S 17	1 32	27 24	5 13	11 34	0s 1	7 52	0 31	23 17	1 33	23 24	0 1	11 11	2 40	17 20	0 21	20 57	1 28	11 24	10 40	3 15	3 13	17 38	5 35	3 11
M18	1 8	28 37	5 17	11 33	0 13	8 22	0 29	23 22	1 33	23 24	0 1	11 9	2 40	17 20	0 21	20 57	1 27	11 24	10 39	3 15	3 15	17 35	5 32	3 10
T 19	0 44	28 23	5 7	11 29	0 25	8 52	0 26	23 28	1 33	23 25	0 1	11 8	2 40	17 20	0 21	20 57	1 27	11 25	10 39	3 15	3 16	17 32	5 30	3 10
W20	0 21	26 48	4 43	11 23	0 36	9 21	0 23	23 33	1 33	23 25	0 1	11 7	2 40	17 19	0 21	20 57	1 27	11 25	10 39	3 14	3 17	17 29	5 28	3 10
T 21	0n 3	24 2	4 7	11 16	0 46	9 50	0 21	23 38	1 33	23 25	0 1	11 6	2 41	17 19	0 21	20 57	1 27	11 25	10 39	3 14	3 18	17 27	5 26	3 9
F 22	0 27	20 16	3 21	11 7	0 56	10 19	0 18	23 43	1 33	23 25	0 1	11 5	2 41	17 19	0 21	20 57	1 27	11 26	10 38	3 14	3 20	17 24	5 24	3 9
S 23	0 51	15 43	2 27	10 56	1 6	10 48	0 15	23 47	1 33	23 25	0 1	11 3	2 41	17 18	0 21	20 58	1 27	11 26	10 38	3 13	3 21	17 21	5 22	3 9
S 24	1 14	10 35	1 26	10 43	1 15	11 17	0 12	23 52	1 33	23 26	0 1	11 2	2 41	17 18	0 21	20 58	1 27	11 26	10 38	3 13	3 22	17 18	5 19	3 8
M25	1 38	5 1	0 21	10 29	1 23	11 45	0 10	23 56	1 33	23 26	0 0	11 1	2 41	17 17	0 21	20 58	1 27	11 26	10 38	3 13	3 23	17 15	5 17	3 8
T 26	2 1	0n47	0n46	10 13	1 31	12 13	0 7	24 1	1 33	23 26	0 0	11 0	2 41	17 17	0 21	20 58	1 27	11 27	10 37	3 13	3 25	17 12	5 15	3 8
W27	2 25	6 39	1 51	9 56	1 39	12 41	0 4	24 5	1 33	23 26	0 0	10 58	2 42	17 17	0 21	20 58	1 27	11 27	10 37	3 13	3 26	17 9	5 13	3 7
T 28	2 48	12 20	2 53	9 37	1 46	13 8	0 1	24 9	1 33	23 27	0 0	10 57	2 42	17 16	0 21	20 59	1 27	11 27	10 37	3 14	3 27	17 7	5 11	3 7
F 29	3 12	17 37	3 46	9 16	1 53	13 35	0n 2	24 13	1 32	23 27	0 0	10 56	2 42	17 16	0 21	20 59	1 27	11 28	10 37	3 15	3 28	17 4	5 8	3 7
S 30	3 35	22 12	4 30	8 54	1 59	14 2	0 5	24 16	1 32	23 27	0n 0	10 54	2 42	17 15	0 21	20 59	1 27	11 28	10 36	3 16	3 30	17 1	5 6	3 6
S 31	3n59	25n47	5n 0	8s31	2s 4	14n28	0n 8	24n20	1n32	23n27	0n 0	10s53	2n42	17s15	0n21	20n59	1s27	11n28	10s36	3s17	3s31	16s58	5s 4	3s 6

Julian Day Number = 2413253.5, Delta T = -5.03 sec
Ecliptic obliquity = 23°27'20, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°16'34, Lahiri = 22°23'35

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ASTRODIENST EPHEMERIS for the year 1895
geocentric

APRIL 1895 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	12 36 24	11♈ 0'59	16♊54	14♓28	9♉44	17♊24	28♊44	5°R38	19°R21	13♊24	10♊ 2	21°R42	21♓ 5	21♒ 5	5°R30	M 1
T 2	12 40 21	12° 0'08	0♋30	15°46	10°57	17°59	28°51	5♏34	19♏20	13°25	10° 3	21♓41	21° 2	21°12	5♎26	T 2
W 3	12 44 17	12°59'16	14°22	17° 6	12°10	18°35	28°59	5°30	19°18	13°27	10° 4	21°D41	20°59	21°19	5°21	W 3
T 4	12 48 14	13°58'21	28°28	18°28	13°23	19°10	29° 6	5°26	19°16	13°28	10° 5	21°41	20°56	21°25	5°16	T 4
F 5	12 52 10	14°57'23	12♌47	19°52	14°36	19°45	29°14	5°22	19°14	13°29	10° 6	21°42	20°52	21°32	5°12	F 5
S 6	12 56 7	15°56'23	27°18	21°17	15°48	20°21	29°21	5°18	19°12	13°31	10° 7	21°44	20°49	21°39	5° 7	S 6
S 7	13 0 3	16°55'21	11♍55	22°44	17° 1	20°56	29°29	5°14	19°10	13°32	10° 7	21°45	20°46	21°45	5° 2	S 7
M 8	13 4 0	17°54'16	26°35	24°13	18°14	21°32	29°37	5° 9	19° 8	13°33	10° 8	21°R45	20°43	21°52	4°58	M 8
T 9	13 7 57	18°53'10	11♎11	25°43	19°26	22° 8	29°45	5° 5	19° 6	13°35	10° 9	21°44	20°40	21°59	4°53	T 9
W10	13 11 53	19°52'01	25°36	27°15	20°39	22°43	29°53	5° 1	19° 4	13°36	10°10	21°42	20°37	22° 5	4°49	W10
T 11	13 15 50	20°50'50	9♏44	28°49	21°51	23°19	0♋ 2	4°57	19° 2	13°38	10°11	21°38	20°33	22°12	4°44	T 11
F 12	13 19 46	21°49'38	23°32	0♈24	23° 3	23°55	0°10	4°52	19° 0	13°39	10°12	21°33	20°30	22°19	4°40	F 12
S 13	13 23 43	22°48'24	6♐57	2° 1	24°16	24°30	0°19	4°48	18°58	13°41	10°13	21°28	20°27	22°25	4°35	S 13
S 14	13 27 39	23°47'08	19°58	3°39	25°28	25° 6	0°27	4°43	18°55	13°42	10°14	21°24	20°24	22°32	4°31	S 14
M15	13 31 36	24°45'50	2♑36	5°19	26°40	25°42	0°36	4°39	18°53	13°44	10°15	21°21	20°21	22°39	4°27	M15
T 16	13 35 32	25°44'31	14°56	7° 1	27°52	26°17	0°45	4°34	18°51	13°46	10°16	21°18	20°17	22°45	4°22	T 16
W17	13 39 29	26°43'10	27° 0	8°44	29° 4	26°53	0°54	4°30	18°49	13°47	10°17	21°D18	20°14	22°52	4°18	W17
T 18	13 43 26	27°41'47	8♒55	10°29	0♊16	27°29	1° 3	4°25	18°46	13°49	10°18	21°18	20°11	22°59	4°14	T 18
F 19	13 47 22	28°40'22	20°44	12°15	1°28	28° 5	1°13	4°21	18°44	13°51	10°19	21°20	20° 8	23° 5	4°10	F 19
S 20	13 51 19	29°38'56	2♓33	14° 3	2°40	28°41	1°22	4°16	18°42	13°52	10°20	21°22	20° 5	23°12	4° 6	S 20
S 21	13 55 15	0♉37'28	14°26	15°53	3°51	29°17	1°32	4°12	18°39	13°54	10°21	21°23	20° 2	23°19	4° 2	S 21
M22	13 59 12	1°35'58	26°29	17°44	5° 3	29°53	1°41	4° 7	18°37	13°56	10°22	21°R23	19°58	23°25	3°58	M22
T 23	14 3 8	2°34'27	8♈43	19°37	6°15	0♋29	1°51	4° 3	18°35	13°57	10°23	21°21	19°55	23°32	3°54	T 23
W24	14 7 5	3°32'54	21°12	21°32	7°26	1° 5	2° 1	3°58	18°32	13°59	10°25	21°18	19°52	23°39	3°51	W24
T 25	14 11 1	4°31'19	3♉56	23°28	8°38	1°41	2°11	3°54	18°30	14° 1	10°26	21°12	19°49	23°45	3°47	T 25
F 26	14 14 58	5°29'42	16°57	25°26	9°49	2°17	2°21	3°49	18°27	14° 3	10°27	21° 5	19°46	23°52	3°43	F 26
S 27	14 18 55	6°28'04	0♊13	27°26	11° 1	2°53	2°31	3°44	18°25	14° 5	10°28	20°58	19°42	23°59	3°40	S 27
S 28	14 22 51	7°26'23	13°42	29°27	12°12	3°29	2°41	3°40	18°23	14° 7	10°29	20°50	19°39	24° 5	3°36	S 28
M29	14 26 48	8°24'41	27°23	1♉29	13°23	4° 5	2°52	3°35	18°20	14° 8	10°30	20°43	19°36	24°12	3°33	M29
T 30	14 30 44	9♉22'57	11♋14	3♉33	14♊34	4♋41	3♋ 2	3♏31	18♏18	14♊10	10♊32	20♓38	19♓33	24♒18	3♎30	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
M 1	4n22	28n 1	5n14	8s 6	2s 9	14n55	0n11	24n23	1n32	23n27	0n 0	10s52	2n42	17s14	0n21	20n59	1s27	11n29	10s36	3s17	3s32	16s55	5s 2	3s 5	M 1
T 2	4 45	28 39	5 12	7 40	2 14	15 20	0 14	24 27	1 32	23 27	0 0	10 50	2 42	17 14	0 21	21 0	1 27	11 29	10 36	3 18	3 33	16 52	4 59	3 5	T 2
W 3	5 8	27 30	4 51	7 12	2 18	15 46	0 17	24 30	1 32	23 28	0 1	10 49	2 42	17 13	0 21	21 0	1 27	11 30	10 35	3 18	3 35	16 49	4 57	3 5	W 3
T 4	5 31	24 36	4 13	6 44	2 21	16 11	0 20	24 33	1 32	23 28	0 1	10 47	2 42	17 13	0 21	21 0	1 27	11 30	10 35	3 18	3 36	16 46	4 55	3 4	T 4
F 5	5 54	20 9	3 18	6 14	2 24	16 35	0 22	24 35	1 32	23 28	0 1	10 46	2 43	17 12	0 21	21 0	1 27	11 30	10 35	3 17	3 37	16 44	4 53	3 4	F 5
S 6	6 17	14 28	2 11	5 42	2 27	16 59	0 25	24 38	1 32	23 28	0 1	10 44	2 43	17 12	0 21	21 0	1 26	11 31	10 35	3 17	3 38	16 41	4 50	3 3	S 6
S 7	6 39	7 55	0 54	5 10	2 29	17 23	0 28	24 40	1 32	23 28	0 1	10 43	2 43	17 11	0 21	21 1	1 26	11 31	10 34	3 16	3 40	16 38	4 48	3 3	S 7
M 8	7 2	0 57	0s27	4 36	2 30	17 46	0 31	24 43	1 32	23 28	0 1	10 41	2 43	17 11	0 21	21 1	1 26	11 31	10 34	3 16	3 41	16 35	4 46	3 3	M 8
T 9	7 24	6s 2	1 45	4 1	2 31	18 9	0 34	24 45	1 32	23 28	0 1	10 40	2 43	17 10	0 21	21 1	1 26	11 32	10 34	3 17	3 42	16 32	4 44	3 2	T 9
W10	7 46	12 37	2 55	3 25	2 32	18 32	0 37	24 47	1 32	23 29	0 1	10 38	2 43	17 10	0 21	21 1	1 26	11 32	10 34	3 18	3 43	16 29	4 41	3 2	W10
T 11	8 9	18 26	3 53	2 47	2 32	18 53	0 40	24 49	1 31	23 29	0 1	10 37	2 43	17 9	0 21	21 1	1 26	11 32	10 34	3 19	3 45	16 26	4 39	3 1	T 11
F 12	8 31	23 7	4 36	2 9	2 31	19 15	0 43	24 50	1 31	23 29	0 1	10 35	2 43	17 8	0 21	21 2	1 26	11 33	10 33	3 21	3 46	16 23	4 37	3 1	F 12
S 13	8 53	26 27	5 3	1 30	2 30	19 36	0 46	24 52	1 31	23 29	0 2	10 34	2 43	17 8	0 21	21 2	1 26	11 33	10 33	3 23	3 47	16 20	4 35	3 0	S 13
S 14	9 14	28 16	5 12	0 49	2 28	19 56	0 49	24 53	1 31	23 29	0 2	10 32	2 43	17 7	0 21	21 2	1 26	11 33	10 33	3 25	3 48	16 17	4 33	3 0	S 14
M15	9 36	28 32	5 7	0 8	2 26	20 16	0 52	24 54	1 31	23 29	0 2	10 31	2 43	17 7	0 21	21 2	1 26	11 34	10 33	3 26	3 50	16 14	4 31	2 59	M15
T 16	9 57	27 22	4 47	0n35	2 24	20 36	0 55	24 55	1 31	23 29	0 2	10 29	2 43	17 6	0 21	21 3	1 26	11 34	10 33	3 27	3 51	16 12	4 28	2 59	T 16
W17	10 19	24 55	4 14	1 18	2 21	20 55	0 58	24 56	1 31	23 29	0 2	10 28	2 43	17 5	0 21	21 3	1 26	11 34	10 32	3 27	3 52	16 9	4 26	2 58	W17
T 18	10 40	21 26	3 31	2 3	2 17	21 13	1 1	24 57	1 31	23 29	0 2	10 26	2 43	17 5	0 21	21 3	1 26	11 35	10 32	3 27	3 53	16 6	4 24	2 58	T 18
F 19	11 1	17 6	2 39	2 48	2 13	21 31	1 4	24 57	1 31	23 29	0 2	10 25	2 43	17 4	0 21	21 3	1 26	11 35	10 32	3 26	3 55	16 3	4 22	2 57	F 19
S 20	11 21	12 9	1 41	3 34	2 8	21 48	1 7	24 57	1 30	23 29	0 2	10 23	2 43	17 3	0 21	21 4	1 26	11 35	10 32	3 26	3 56	16 0	4 20	2 57	S 20
S 21	11 42	6 43	0 38	4 21	2 3	22 4	1 10	24 57	1 30	23 29	0 2	10 22	2 43	17 3	0 21	21 4	1 26	11 36	10 32	3 25	3 57	15 57	4 18	2 56	S 21
M22	12 2	0 59	0n28	5 9	1 58	22 21	1 12	24 57	1 30	23 29	0 3	10 20	2 43	17 2	0 21	21 4	1 26	11 36	10 31	3 25	3 58	15 54	4 16	2 56	M22
T 23	12 22	4n53	1 33	5 58	1 51	22 36	1 15	24 57	1 30	23 29	0 3	10 19	2 43	17 1	0 21	21 4	1 26	11 36	10 31	3 26	4 0	15 51	4 14	2 55	T 23
W24	12 42	10 40	2 35	6 47	1 45	22 51	1 18	24 57	1 30	23 29	0 3	10 17	2 43	17 1	0 21	21 5	1 26	11 36	10 31	3 27	4 1	15 48	4 12	2 55	W24
T 25	13 2	16 8	3 30	7 36	1 38	23 5	1 21	24 56	1 30	23 29	0 3	10 16	2 43	17 0	0 21	21 5	1 26	11 37	10 31	3 29	4 2	15 45	4 10	2 54	T 25
F 26	13 22	20 59	4 15	8 27	1 30	23 19	1 23	24 56	1 30	23 29	0 3	10 14	2 43	17 0	0 21	21 5	1 26	11 37	10 31	3 32	4 3	15 42	4 8	2 54	F 26
S 27	13 41	24 54	4 48	9 17	1 22	23 32	1 26	24 55	1 29	23 29	0 3	10 13	2 43	16 59	0 21	21 5	1 26	11 37	10 31	3 35	4 5	15 39	4 6	2 53	S 27
S 28	14 0	27 31	5 5	10 8	1 14	23 44	1 29	24 54	1 29	23 29	0 3	10 11	2 43	16 58	0 21	21 6	1 26	11 38	10 30	3 38	4 6	15 36	4 4	2 52	S 28
M29	14 19	28 31	5 6	10 59	1 5	23 56	1 31	24 53	1 29	23 29	0 3	10 10	2 43	16 57	0 21	21 6	1 26	11 38	10 30	3 41	4 7	15 33	4 2	2 52	M29
T 30	14n38	27n46	4n48	11n50	0s56	24n 7	1n34	24n51	1n29	23n29	0n 3	10s 8	2n43	16s57	0n21	21n 6	1s25	11n38	10s30	3s43	4s 8	15s30	4s 1	2s51	T 30

Julian Day Number = 2413284.5, Delta T = -5.02 sec
Ecliptic obliquity = 23°27'20, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°16'39, Lahiri = 22°23'39

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ASTRODIENST EPHEMERIS for the year 1895
geocentric

MAY 1895 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	14 34 41	10♉21'11	25♋12	5♉39	15♊45	5♋17	3♋13	3°R26	18°R15	14♊12	10♊33	20°R35	19♓30	24♒25	3°R27	W 1
T 2	14 38 37	11°19'22	9♌17	7°45	16°56	5°53	3°23	3♏22	18♏13	14°14	10°34	20°D34	19°27	24°32	3♎24	T 2
F 3	14 42 34	12°17'32	23°26	9°53	18° 7	6°29	3°34	3°17	18°10	14°16	10°35	20♓35	19°23	24°38	3°21	F 3
S 4	14 46 30	13°15'39	7♍38	12° 2	19°18	7° 5	3°45	3°13	18° 8	14°18	10°37	20°36	19°20	24°45	3°18	S 4
S 5	14 50 27	14°13'44	21°52	14°11	20°28	7°42	3°56	3° 8	18° 5	14°20	10°38	20°R36	19°17	24°52	3°15	S 5
M 6	14 54 24	15°11'48	6♎ 5	16°21	21°39	8°18	4° 7	3° 4	18° 3	14°22	10°39	20°35	19°14	24°58	3°12	M 6
T 7	14 58 20	16° 9'50	20°15	18°32	22°49	8°54	4°18	3° 0	18° 0	14°24	10°40	20°32	19°11	25° 5	3°10	T 7
W 8	15 2 17	17° 7'49	4♏16	20°42	24° 0	9°30	4°29	2°55	17°58	14°26	10°42	20°26	19° 8	25°12	3° 7	W 8
T 9	15 6 13	18° 5'48	18° 6	22°52	25°10	10° 7	4°40	2°51	17°55	14°28	10°43	20°18	19° 4	25°18	3° 5	T 9
F 10	15 10 10	19° 3'45	1♐41	25° 2	26°20	10°43	4°51	2°47	17°53	14°30	10°44	20° 9	19° 1	25°25	3° 2	F 10
S 11	15 14 6	20° 1'40	14°57	27°11	27°30	11°19	5° 2	2°42	17°50	14°32	10°45	19°59	18°58	25°32	3° 0	S 11
S 12	15 18 3	20°59'34	27°53	29°18	28°40	11°55	5°14	2°38	17°47	14°34	10°47	19°49	18°55	25°38	2°58	S 12
M13	15 21 59	21°57'26	10♑30	1♊25	29°50	12°32	5°25	2°34	17°45	14°37	10°48	19°41	18°52	25°45	2°56	M13
T 14	15 25 56	22°55'18	22°50	3°30	1♋ 0	13° 8	5°37	2°30	17°42	14°39	10°49	19°34	18°48	25°52	2°54	T 14
W15	15 29 53	23°53'08	4♒55	5°33	2°10	13°44	5°49	2°26	17°40	14°41	10°51	19°30	18°45	25°58	2°52	W15
T 16	15 33 49	24°50'56	16°49	7°33	3°20	14°21	6° 0	2°22	17°37	14°43	10°52	19°28	18°42	26° 5	2°50	T 16
F 17	15 37 46	25°48'44	28°39	9°32	4°29	14°57	6°12	2°18	17°35	14°45	10°53	19°D28	18°39	26°12	2°49	F 17
S 18	15 41 42	26°46'30	10♓28	11°28	5°38	15°34	6°24	2°14	17°32	14°47	10°55	19°28	18°36	26°18	2°47	S 18
S 19	15 45 39	27°44'16	22°24	13°22	6°48	16°10	6°36	2°10	17°30	14°49	10°56	19°R29	18°33	26°25	2°46	S 19
M20	15 49 35	28°42'00	4♈29	15°12	7°57	16°46	6°48	2° 6	17°28	14°51	10°57	19°28	18°29	26°32	2°45	M20
T 21	15 53 32	29°39'43	16°50	17° 1	9° 6	17°23	7° 0	2° 2	17°25	14°54	10°59	19°24	18°26	26°38	2°43	T 21
W22	15 57 28	0♊37'25	29°29	18°46	10°15	17°59	7°12	1°58	17°23	14°56	11° 0	19°19	18°23	26°45	2°42	W22
T 23	16 1 25	1°35'05	12♉29	20°28	11°24	18°36	7°24	1°55	17°20	14°58	11° 1	19°11	18°20	26°52	2°41	T 23
F 24	16 5 22	2°32'45	25°50	22° 7	12°33	19°12	7°36	1°51	17°18	15° 0	11° 3	19° 1	18°17	26°58	2°41	F 24
S 25	16 9 18	3°30'24	9♊29	23°43	13°41	19°49	7°49	1°48	17°15	15° 2	11° 4	18°49	18°14	27° 5	2°40	S 25
S 26	16 13 15	4°28'01	23°25	25°16	14°50	20°25	8° 1	1°44	17°13	15° 5	11° 5	18°38	18°10	27°12	2°39	S 26
M27	16 17 11	5°25'37	7♋32	26°46	15°58	21° 2	8°13	1°41	17°11	15° 7	11° 7	18°28	18° 7	27°18	2°39	M27
T 28	16 21 8	6°23'12	21°45	28°12	17° 6	21°38	8°26	1°37	17° 8	15° 9	11° 8	18°20	18° 4	27°25	2°38	T 28
W29	16 25 4	7°20'46	6♌ 1	29°36	18°14	22°15	8°38	1°34	17° 6	15°11	11°10	18°14	18° 1	27°32	2°38	W29
T 30	16 29 1	8°18'18	20°16	0♋56	19°22	22°52	8°51	1°31	17° 4	15°13	11°11	18°11	17°58	27°38	2°38	T 30
F 31	16 32 58	9♊15'49	4♍26	2♋13	20♋30	23♋28	9♋ 3	1♏28	17♏ 1	15♊16	11♊12	18♓10	17♓54	27♒45	2°D38	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14n56	25n16	4n14	12n41	0s46	24n17	1n36	24n50	1n29	23n28	0n 3	10s 7	2n43	16s56	0n21	21n 6	1s25	11n39	10s30	3s44	4s10	15s27	3s59	2s51
T 2	15 14	21 13	3 24	13 32	0 36	24 27	1 39	24 48	1 29	23 28	0 3	10 5	2 43	16 55	0 21	21 7	1 25	11 39	10 30	3 44	4 11	15 24	3 57	2 50
F 3	15 32	15 56	2 21	14 22	0 26	24 36	1 41	24 46	1 28	23 28	0 4	10 4	2 43	16 55	0 21	21 7	1 25	11 39	10 30	3 44	4 12	15 21	3 55	2 50
S 4	15 50	9 47	1 9	15 12	0 16	24 44	1 43	24 44	1 28	23 28	0 4	10 2	2 43	16 54	0 21	21 7	1 25	11 40	10 30	3 44	4 13	15 18	3 54	2 49
S 5	16 7	3 7	0s 7	16 1	0 5	24 52	1 45	24 42	1 28	23 28	0 4	10 1	2 43	16 53	0 21	21 7	1 25	11 40	10 29	3 44	4 15	15 15	3 52	2 48
M 6	16 24	3s41	1 22	16 49	0n 5	24 59	1 48	24 39	1 28	23 27	0 4	9 59	2 43	16 53	0 21	21 8	1 25	11 40	10 29	3 44	4 16	15 12	3 50	2 48
T 7	16 41	10 16	2 32	17 36	0 16	25 5	1 50	24 37	1 28	23 27	0 4	9 58	2 43	16 52	0 21	21 8	1 25	11 41	10 29	3 45	4 17	15 9	3 49	2 47
W 8	16 58	16 16	3 32	18 22	0 26	25 11	1 52	24 34	1 28	23 27	0 4	9 57	2 43	16 51	0 21	21 8	1 25	11 41	10 29	3 48	4 18	15 6	3 47	2 47
T 9	17 14	21 22	4 18	19 6	0 37	25 16	1 54	24 31	1 27	23 27	0 4	9 55	2 43	16 51	0 21	21 8	1 25	11 41	10 29	3 51	4 20	15 3	3 46	2 46
F 10	17 30	25 13	4 49	19 48	0 47	25 20	1 56	24 28	1 27	23 26	0 4	9 54	2 43	16 50	0 21	21 9	1 25	11 41	10 29	3 54	4 21	15 0	3 44	2 45
S 11	17 46	27 37	5 3	20 28	0 57	25 24	1 58	24 25	1 27	23 26	0 4	9 53	2 42	16 49	0 21	21 9	1 25	11 42	10 29	3 58	4 22	14 57	3 43	2 45
S 12	18 1	28 28	5 1	21 6	1 6	25 27	2 0	24 22	1 27	23 26	0 4	9 51	2 42	16 49	0 21	21 9	1 25	11 42	10 29	4 2	4 23	14 54	3 41	2 44
M13	18 16	27 46	4 45	21 42	1 16	25 29	2 1	24 18	1 27	23 25	0 5	9 50	2 42	16 48	0 21	21 9	1 25	11 42	10 28	4 5	4 25	14 51	3 40	2 44
T 14	18 31	25 43	4 15	22 15	1 24	25 30	2 3	24 14	1 26	23 25	0 5	9 49	2 42	16 47	0 21	21 10	1 25	11 43	10 28	4 8	4 26	14 48	3 39	2 43
W15	18 45	22 31	3 34	22 46	1 32	25 31	2 5	24 10	1 26	23 24	0 5	9 47	2 42	16 46	0 21	21 10	1 25	11 43	10 28	4 9	4 27	14 45	3 37	2 42
T 16	19 0	18 26	2 45	23 14	1 40	25 31	2 6	24 6	1 26	23 24	0 5	9 46	2 42	16 46	0 21	21 10	1 25	11 43	10 28	4 10	4 28	14 42	3 36	2 42
F 17	19 13	13 39	1 49	23 39	1 47	25 30	2 8	24 2	1 26	23 23	0 5	9 45	2 42	16 45	0 21	21 10	1 25	11 43	10 28	4 10	4 30	14 39	3 35	2 41
S 18	19 27	8 23	0 48	24 2	1 53	25 29	2 9	23 58	1 26	23 23	0 5	9 44	2 42	16 44	0 21	21 11	1 25	11 44	10 28	4 10	4 31	14 36	3 34	2 41
S 19	19 40	2 47	0n16	24 23	1 59	25 27	2 10	23 53	1 25	23 23	0 5	9 42	2 41	16 44	0 21	21 11	1 25	11 44	10 28	4 10	4 32	14 33	3 33	2 40
M20	19 53	3n 0	1 19	24 41	2 3	25 24	2 12	23 49	1 25	23 22	0 5	9 41	2 41	16 43	0 21	21 11	1 25	11 44	10 28	4 11	4 33	14 30	3 32	2 39
T 21	20 6	8 47	2 20	24 56	2 7	25 21	2 13	23 44	1 25	23 21	0 5	9 40	2 41	16 42	0 21	21 12	1 25	11 44	10 28	4 12	4 35	14 27	3 31	2 39
W22	20 18	14 21	3 16	25 9	2 11	25 17	2 14	23 39	1 25	23 21	0 5	9 39	2 41	16 42	0 21	21 12	1 25	11 45	10 28	4 14	4 36	14 24	3 30	2 38
T 23	20 30	19 26	4 2	25 19	2 13	25 12	2 15	23 34	1 25	23 20	0 5	9 38	2 41	16 41	0 21	21 12	1 25	11 45	10 27	4 17	4 37	14 20	3 29	2 37
F 24	20 41	23 43	4 37	25 28	2 15	25 7	2 16	23 28	1 24	23 20	0 6	9 37	2 41	16 40	0 21	21 12	1 25	11 45	10 27	4 21	4 38	14 17	3 28	2 37
S 25	20 52	26 47	4 57	25 33	2 15	25 1	2 16	23 23	1 24	23 19	0 6	9 36	2 40	16 40	0 21	21 13	1 25	11 45	10 27	4 26	4 40	14 14	3 27	2 36
S 26	21 3	28 17	5 0	25 37	2 15	24 54	2 17	23 17	1 24	23 18	0 6	9 35	2 40	16 39	0 21	21 13	1 25	11 46	10 27	4 30	4 41	14 11	3 26	2 36
M27	21 13	27 59	4 45	25 39	2 14	24 47	2 18	23 11	1 24	23 18	0 6	9 34	2 40	16 38	0 21	21 13	1 25	11 46	10 27	4 34	4 42	14 8	3 25	2 35
T 28	21 23	25 51	4 12	25 39	2 13	24 39	2 18	23 5	1 23	23 17	0 6	9 33	2 40	16 38	0 21	21 13	1 25	11 46	10 27	4 37	4 43	14 5	3 25	2 34
W29	21 33	22 4	3 23	25 37	2 10	24 30	2 18	22 59	1 23	23 16	0 6	9 32	2 40	16 37	0 21	21 14	1 25	11 46	10 27	4 39	4 44	14 2	3 24	2 34
T 30	21 42	16 59	2 22	25 34	2 7	24 21	2 19	22 53	1 23	23 16	0 6	9 31	2 40	16 36	0 21	21 14	1 25	11 47	10 27	4 40	4 46	13 59	3 23	2 33
F 31	21n51	11n 1	1n12	25n29	2n 3	24n11	2n19	22n46	1n23	23n15	0n 6	9s30	2n39	16s36	0n21	21n14	1s25	11n47	10s27	4s41	4s47	13s56	3s23	2s32

Julian Day Number = 2413314.5, Delta T = -5.01 sec
Ecliptic obliquity = 23°27'19, Nutation = 0°00'02, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°16'43, Lahiri = 22°23'43

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ASTRODIENST EPHEMERIS for the year 1895
geocentric

JUNE 1895 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	16 36 54	10♊13'18	18♍31	3♋26	21♋38	24♋ 5	9♋16	1°R25	16°R59	15♊18	11♊14	18°R10	17♓51	27♒52	2♎38	S 1
S 2	16 40 51	11°10'46	2♎31	4°36	22°45	24°42	9°29	1♏22	16♏57	15°20	11°15	18♓10	17°48	27°58	2°38	S 2
M 3	16 44 47	12° 8'12	16°23	5°43	23°53	25°18	9°41	1°19	16°55	15°22	11°16	18° 8	17°45	28° 5	2°38	M 3
T 4	16 48 44	13° 5'38	0♏ 9	6°46	25° 0	25°55	9°54	1°16	16°52	15°25	11°18	18° 3	17°42	28°11	2°39	T 4
W 5	16 52 40	14° 3'02	13°45	7°45	26° 7	26°32	10° 7	1°13	16°50	15°27	11°19	17°56	17°39	28°18	2°39	W 5
T 6	16 56 37	15° 0'26	27°11	8°41	27°14	27° 8	10°20	1°11	16°48	15°29	11°21	17°46	17°35	28°25	2°40	T 6
F 7	17 0 33	15°57'48	10♐25	9°33	28°21	27°45	10°32	1° 8	16°46	15°31	11°22	17°34	17°32	28°31	2°41	F 7
S 8	17 4 30	16°55'10	23°24	10°21	29°27	28°22	10°45	1° 5	16°44	15°34	11°23	17°21	17°29	28°38	2°42	S 8
S 9	17 8 27	17°52'31	6♑ 8	11° 5	0♌34	28°58	10°58	1° 3	16°42	15°36	11°25	17° 9	17°26	28°45	2°43	S 9
M10	17 12 23	18°49'51	18°37	11°45	1°40	29°35	11°11	1° 1	16°40	15°38	11°26	16°58	17°23	28°51	2°44	M10
T 11	17 16 20	19°47'11	0♒51	12°21	2°46	0♌12	11°24	0°58	16°38	15°40	11°27	16°49	17°20	28°58	2°45	T 11
W12	17 20 16	20°44'30	12°52	12°53	3°52	0°49	11°37	0°56	16°36	15°43	11°29	16°43	17°16	29° 5	2°46	W12
T 13	17 24 13	21°41'48	24°45	13°21	4°58	1°25	11°50	0°54	16°34	15°45	11°30	16°40	17°13	29°11	2°48	T 13
F 14	17 28 9	22°39'06	6♓34	13°44	6° 3	2° 2	12° 4	0°52	16°32	15°47	11°32	16°38	17°10	29°18	2°49	F 14
S 15	17 32 6	23°36'24	18°23	14° 2	7° 8	2°39	12°17	0°50	16°30	15°49	11°33	16°38	17° 7	29°25	2°51	S 15
S 16	17 36 2	24°33'41	0♈18	14°17	8°13	3°16	12°30	0°49	16°29	15°52	11°34	16°38	17° 4	29°31	2°53	S 16
M17	17 39 59	25°30'58	12°25	14°26	9°18	3°53	12°43	0°47	16°27	15°54	11°36	16°37	17° 0	29°38	2°54	M17
T 18	17 43 56	26°28'15	24°48	14°31	10°23	4°30	12°56	0°45	16°25	15°56	11°37	16°34	16°57	29°45	2°56	T 18
W19	17 47 52	27°25'32	7♉32	14°R32	11°27	5° 7	13° 9	0°44	16°23	15°58	11°38	16°29	16°54	29°51	2°59	W19
T 20	17 51 49	28°22'48	20°40	14°28	12°32	5°43	13°23	0°42	16°22	16° 0	11°40	16°22	16°51	29°58	3° 1	T 20
F 21	17 55 45	29°20'04	4♊13	14°20	13°36	6°20	13°36	0°41	16°20	16° 3	11°41	16°12	16°48	0♓ 5	3° 3	F 21
S 22	17 59 42	0♋17'20	18°10	14° 7	14°39	6°57	13°49	0°40	16°18	16° 5	11°42	16° 1	16°45	0°11	3° 6	S 22
S 23	18 3 38	1°14'36	2♋27	13°50	15°43	7°34	14° 3	0°39	16°17	16° 7	11°44	15°50	16°41	0°18	3° 8	S 23
M24	18 7 35	2°11'51	16°58	13°30	16°46	8°11	14°16	0°38	16°15	16° 9	11°45	15°40	16°38	0°25	3°11	M24
T 25	18 11 31	3° 9'06	1♌37	13° 5	17°49	8°48	14°29	0°37	16°14	16°11	11°46	15°32	16°35	0°31	3°13	T 25
W26	18 15 28	4° 6'21	16°16	12°38	18°52	9°25	14°43	0°36	16°13	16°13	11°48	15°27	16°32	0°38	3°16	W26
T 27	18 19 25	5° 3'34	0♍49	12° 8	19°54	10° 2	14°56	0°35	16°11	16°16	11°49	15°24	16°29	0°44	3°19	T 27
F 28	18 23 21	6° 0'48	15°12	11°35	20°57	10°39	15°10	0°34	16°10	16°18	11°50	15°D23	16°26	0°51	3°22	F 28
S 29	18 27 18	6°58'01	29°22	11° 1	21°59	11°16	15°23	0°34	16° 8	16°20	11°51	15°24	16°22	0°58	3°26	S 29
S 30	18 31 14	7♋55'13	13♎18	10♋25	23♌ 0	11♌53	15♋36	0♏33	16♏ 7	16♊22	11♊53	15°R24	16♓19	1♓ 4	3♎29	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 0	4n31	0s 2	25n22	1n58	24n 0	2n19	22n40	1n22	23n14	0n 6	9s29	2n39	16s35	0n21	21n14	1s25	11n47	10s27	4s41	4s48	13s53	3s22	2s32
S 2	22 8	2s 9	1 15	25 14	1 52	23 49	2 19	22 33	1 22	23 13	0 6	9 28	2 39	16 35	0 21	21 15	1 25	11 47	10 27	4 41	4 49	13 50	3 22	2 31
M 3	22 16	8 39	2 23	25 5	1 45	23 37	2 19	22 26	1 22	23 12	0 6	9 27	2 39	16 34	0 21	21 15	1 25	11 48	10 27	4 42	4 51	13 47	3 21	2 31
T 4	22 23	14 41	3 22	24 55	1 38	23 25	2 19	22 19	1 22	23 12	0 7	9 27	2 39	16 33	0 21	21 15	1 25	11 48	10 27	4 43	4 52	13 44	3 21	2 30
W 5	22 30	19 56	4 9	24 43	1 30	23 12	2 18	22 12	1 21	23 11	0 7	9 26	2 38	16 33	0 21	21 15	1 25	11 48	10 27	4 46	4 53	13 40	3 20	2 29
T 6	22 37	24 6	4 41	24 31	1 21	22 59	2 18	22 4	1 21	23 10	0 7	9 25	2 38	16 32	0 21	21 16	1 25	11 48	10 27	4 50	4 54	13 37	3 20	2 29
F 7	22 43	26 56	4 58	24 18	1 11	22 45	2 17	21 57	1 21	23 9	0 7	9 24	2 38	16 32	0 21	21 16	1 25	11 48	10 27	4 55	4 56	13 34	3 20	2 28
S 8	22 49	28 16	4 59	24 4	1 1	22 30	2 16	21 49	1 21	23 8	0 7	9 24	2 38	16 31	0 21	21 16	1 25	11 49	10 27	5 0	4 57	13 31	3 20	2 27
S 9	22 54	28 3	4 44	23 49	0 50	22 15	2 16	21 41	1 20	23 7	0 7	9 23	2 37	16 30	0 21	21 16	1 25	11 49	10 27	5 5	4 58	13 28	3 19	2 27
M10	22 59	26 24	4 16	23 34	0 38	21 59	2 15	21 34	1 20	23 6	0 7	9 23	2 37	16 30	0 21	21 17	1 25	11 49	10 27	5 9	4 59	13 25	3 19	2 26
T 11	23 4	23 31	3 37	23 18	0 25	21 43	2 14	21 25	1 20	23 5	0 7	9 22	2 37	16 29	0 21	21 17	1 25	11 49	10 27	5 12	5 1	13 22	3 19	2 26
W12	23 8	19 39	2 49	23 2	0 12	21 27	2 12	21 17	1 20	23 4	0 7	9 21	2 37	16 29	0 21	21 17	1 25	11 49	10 27	5 15	5 2	13 19	3 19	2 25
T 13	23 12	15 3	1 53	22 45	0s 2	21 10	2 11	21 9	1 19	23 3	0 7	9 21	2 37	16 28	0 21	21 17	1 25	11 49	10 27	5 16	5 3	13 16	3 19	2 24
F 14	23 15	9 56	0 53	22 29	0 16	20 52	2 10	21 0	1 19	23 2	0 7	9 21	2 36	16 28	0 21	21 18	1 25	11 50	10 27	5 17	5 4	13 12	3 19	2 24
S 15	23 18	4 27	0n 9	22 12	0 31	20 34	2 8	20 52	1 19	23 1	0 7	9 20	2 36	16 27	0 21	21 18	1 25	11 50	10 27	5 17	5 6	13 9	3 19	2 23
S 16	23 21	1n13	1 12	21 55	0 47	20 15	2 6	20 43	1 19	23 0	0 8	9 20	2 36	16 27	0 21	21 18	1 25	11 50	10 27	5 17	5 7	13 6	3 19	2 22
M17	23 23	6 56	2 12	21 38	1 2	19 56	2 5	20 34	1 18	22 58	0 8	9 19	2 36	16 26	0 21	21 18	1 25	11 50	10 27	5 17	5 8	13 3	3 20	2 22
T 18	23 24	12 31	3 8	21 22	1 18	19 37	2 3	20 25	1 18	22 57	0 8	9 19	2 35	16 26	0 21	21 18	1 25	11 50	10 27	5 18	5 9	13 0	3 20	2 21
W19	23 26	17 44	3 55	21 6	1 35	19 17	2 1	20 16	1 18	22 56	0 8	9 19	2 35	16 25	0 21	21 19	1 25	11 50	10 27	5 20	5 11	12 57	3 20	2 21
T 20	23 27	22 18	4 32	20 50	1 51	18 57	1 58	20 6	1 18	22 55	0 8	9 18	2 35	16 25	0 21	21 19	1 25	11 51	10 27	5 23	5 12	12 54	3 20	2 20
F 21	23 27	25 50	4 55	20 34	2 8	18 37	1 56	19 57	1 17	22 54	0 8	9 18	2 35	16 24	0 20	21 19	1 25	11 51	10 27	5 27	5 13	12 50	3 21	2 19
S 22	23 27	27 56	5 1	20 19	2 24	18 16	1 54	19 47	1 17	22 52	0 8	9 18	2 34	16 24	0 20	21 19	1 25	11 51	10 27	5 31	5 14	12 47	3 21	2 19
S 23	23 27	28 15	4 49	20 5	2 40	17 54	1 51	19 38	1 17	22 51	0 8	9 18	2 34	16 24	0 20	21 20	1 25	11 51	10 27	5 35	5 15	12 44	3 22	2 18
M24	23 26	26 39	4 18	19 51	2 56	17 33	1 48	19 28	1 16	22 50	0 8	9 18	2 34	16 23	0 20	21 20	1 25	11 51	10 27	5 39	5 17	12 41	3 22	2 18
T 25	23 25	23 14	3 30	19 38	3 11	17 10	1 45	19 18	1 16	22 48	0 8	9 18	2 34	16 23	0 20	21 20	1 25	11 51	10 27	5 42	5 18	12 38	3 23	2 17
W26	23 23	18 20	2 28	19 26	3 26	16 48	1 42	19 8	1 16	22 47	0 8	9 18	2 33	16 22	0 20	21 20	1 25	11 51	10 27	5 44	5 19	12 35	3 23	2 16
T 27	23 22	12 23	1 17	19 15	3 40	16 25	1 39	18 57	1 16	22 46	0 9	9 18	2 33	16 22	0 20	21 20	1 25	11 51	10 27	5 45	5 20	12 32	3 24	2 16
F 28	23 19	5 51	0 1	19 5	3 53	16 2	1 36	18 47	1 15	22 44	0 9	9 18	2 33	16 22	0 20	21 21	1 25	11 52	10 27	5 46	5 22	12 28	3 25	2 15
S 29	23 16	0s52	1s14	18 56	4 5	15 39	1 33	18 37	1 15	22 43	0 9	9 18	2 32	16 21	0 20	21 21	1 25	11 52	10 27	5 46	5 23	12 25	3 25	2 15
S 30	23n13	7s27	2s23	18n48	4s16	15n16	1n29	18n26	1n15	22n41	0n 9	9s18	2n32	16s21	0n20	21n21	1s25	11n52	10s27	5s46	5s24	12s22	3s26	2s14

Julian Day Number = 2413345.5, Delta T = -5.00 sec
Ecliptic obliquity = 23°27'19, Nutation = 0°00'03, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°16'47, Lahiri = 22°23'47

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ASTRODIENST EPHEMERIS for the year 1895
geocentric

JULY 1895 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	18 35 11	8♋52'25	27♎ 0	9°R49	24♌ 2	12♌31	15♋50	0°R33	16°R 6	16♊24	11♊54	15°R22	16♓16	1♓11	3♎32	M 1
T 2	18 39 7	9°49'37	10♏30	9♋12	25° 3	13° 8	16° 3	0♏33	16♏ 5	16°26	11°55	15♓19	16°13	1°18	3°36	T 2
W 3	18 43 4	10°46'48	23°46	8°36	26° 3	13°45	16°17	0°33	16° 4	16°28	11°56	15°13	16°10	1°24	3°39	W 3
T 4	18 47 0	11°44'00	6♐51	8° 2	27° 4	14°22	16°30	0°D32	16° 3	16°30	11°58	15° 5	16° 6	1°31	3°43	T 4
F 5	18 50 57	12°41'11	19°43	7°29	28° 3	14°59	16°44	0°33	16° 2	16°32	11°59	14°55	16° 3	1°38	3°47	F 5
S 6	18 54 54	13°38'22	2♑23	6°58	29° 3	15°36	16°57	0°33	16° 1	16°34	12° 0	14°44	16° 0	1°44	3°51	S 6
S 7	18 58 50	14°35'33	14°50	6°31	0♍ 2	16°13	17°11	0°33	16° 0	16°37	12° 1	14°33	15°57	1°51	3°55	S 7
M 8	19 2 47	15°32'44	27° 6	6° 7	1° 1	16°51	17°24	0°33	15°59	16°39	12° 2	14°24	15°54	1°58	3°59	M 8
T 9	19 6 43	16°29'56	9♒12	5°46	2° 0	17°28	17°38	0°34	15°58	16°41	12° 4	14°17	15°51	2° 4	4° 3	T 9
W10	19 10 40	17°27'08	21° 8	5°30	2°58	18° 5	17°51	0°34	15°57	16°43	12° 5	14°12	15°47	2°11	4° 7	W10
T 11	19 14 36	18°24'20	2♓58	5°19	3°55	18°42	18° 5	0°35	15°57	16°45	12° 6	14° 9	15°44	2°18	4°12	T 11
F 12	19 18 33	19°21'32	14°45	5°12	4°53	19°19	18°18	0°35	15°56	16°46	12° 7	14°D 8	15°41	2°24	4°16	F 12
S 13	19 22 30	20°18'45	26°34	5°D11	5°49	19°57	18°32	0°36	15°55	16°48	12° 8	14° 9	15°38	2°31	4°21	S 13
S 14	19 26 26	21°15'58	8♈28	5°15	6°46	20°34	18°45	0°37	15°55	16°50	12° 9	14°10	15°35	2°38	4°25	S 14
M15	19 30 23	22°13'12	20°34	5°24	7°41	21°11	18°59	0°38	15°54	16°52	12°10	14°R11	15°32	2°44	4°30	M15
T 16	19 34 19	23°10'27	2♉56	5°39	8°37	21°49	19°12	0°39	15°54	16°54	12°11	14°10	15°28	2°51	4°35	T 16
W17	19 38 16	24° 7'42	15°40	5°59	9°32	22°26	19°25	0°41	15°53	16°56	12°13	14° 8	15°25	2°57	4°40	W17
T 18	19 42 12	25° 4'58	28°48	6°25	10°26	23° 4	19°39	0°42	15°53	16°58	12°14	14° 4	15°22	3° 4	4°45	T 18
F 19	19 46 9	26° 2'15	12♊24	6°56	11°20	23°41	19°52	0°43	15°52	17° 0	12°15	13°58	15°19	3°11	4°50	F 19
S 20	19 50 5	26°59'33	26°27	7°33	12°13	24°18	20° 6	0°45	15°52	17° 2	12°16	13°51	15°16	3°17	4°55	S 20
S 21	19 54 2	27°56'51	10♋55	8°16	13° 6	24°56	20°19	0°46	15°52	17° 3	12°17	13°44	15°12	3°24	5° 0	S 21
M22	19 57 59	28°54'10	25°41	9° 4	13°58	25°33	20°33	0°48	15°52	17° 5	12°18	13°38	15° 9	3°31	5° 6	M22
T 23	20 1 55	29°51'30	10♌39	9°57	14°49	26°11	20°46	0°50	15°52	17° 7	12°19	13°33	15° 6	3°37	5°11	T 23
W24	20 5 52	0♌48'50	25°39	10°56	15°40	26°48	20°59	0°52	15°52	17° 9	12°20	13°29	15° 3	3°44	5°17	W24
T 25	20 9 48	1°46'10	10♍33	12° 0	16°30	27°26	21°13	0°54	15°D51	17°10	12°21	13°D28	15° 0	3°51	5°22	T 25
F 26	20 13 45	2°43'31	25°14	13° 9	17°20	28° 3	21°26	0°56	15°52	17°12	12°22	13°29	14°57	3°57	5°28	F 26
S 27	20 17 41	3°40'52	9♎37	14°24	18° 8	28°41	21°39	0°58	15°52	17°14	12°23	13°30	14°53	4° 4	5°34	S 27
S 28	20 21 38	4°38'14	23°40	15°43	18°56	29°19	21°53	1° 0	15°52	17°15	12°23	13°31	14°50	4°11	5°40	S 28
M29	20 25 34	5°35'36	7♏23	17° 7	19°44	29°56	22° 6	1° 3	15°52	17°17	12°24	13°R31	14°47	4°17	5°46	M29
T 30	20 29 31	6°32'59	20°46	18°36	20°30	0♍34	22°19	1° 5	15°52	17°19	12°25	13°31	14°44	4°24	5°52	T 30
W31	20 33 28	7♌30'23	3♐52	20♋ 9	21♍16	1♍11	22♋32	1♏ 8	15♏52	17♊20	12♊26	13♓28	14♓41	4♓31	5♎58	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	23n 9	13s33	3s22	18n41	4s25	14n52	1n25	18n15	1n14	22n40	0n 9	9s18	2n32	16s21	0n20	21n21	1s25	11n52	10s27	5s46	5s25	12s19	3s27	2s14
T 2	23 5	18 56	4 10	18 36	4 33	14 28	1 21	18 4	1 14	22 38	0 9	9 18	2 32	16 20	0 20	21 21	1 25	11 52	10 27	5 47	5 27	12 16	3 28	2 13
W 3	23 1	23 17	4 43	18 32	4 39	14 3	1 17	17 53	1 14	22 37	0 9	9 18	2 31	16 20	0 20	21 22	1 25	11 52	10 27	5 50	5 28	12 13	3 29	2 12
T 4	22 56	26 24	5 0	18 29	4 44	13 39	1 13	17 42	1 14	22 35	0 9	9 18	2 31	16 20	0 20	21 22	1 25	11 52	10 27	5 53	5 29	12 9	3 30	2 12
F 5	22 51	28 5	5 2	18 28	4 47	13 14	1 9	17 31	1 13	22 34	0 9	9 19	2 31	16 19	0 20	21 22	1 25	11 52	10 28	5 57	5 30	12 6	3 31	2 11
S 6	22 45	28 15	4 50	18 28	4 49	12 49	1 5	17 20	1 13	22 32	0 9	9 19	2 31	16 19	0 20	21 22	1 25	11 52	10 28	6 1	5 31	12 3	3 32	2 11
S 7	22 39	26 59	4 23	18 29	4 49	12 24	1 0	17 8	1 13	22 30	0 9	9 19	2 30	16 19	0 20	21 22	1 25	11 52	10 28	6 5	5 33	12 0	3 33	2 10
M 8	22 33	24 25	3 44	18 32	4 47	11 59	0 55	16 57	1 12	22 29	0 10	9 20	2 30	16 19	0 20	21 23	1 25	11 52	10 28	6 9	5 34	11 57	3 34	2 10
T 9	22 26	20 48	2 56	18 36	4 44	11 33	0 50	16 45	1 12	22 27	0 10	9 20	2 30	16 19	0 20	21 23	1 25	11 52	10 28	6 11	5 35	11 53	3 35	2 9
W10	22 19	16 22	2 0	18 41	4 40	11 8	0 45	16 34	1 12	22 26	0 10	9 21	2 30	16 18	0 20	21 23	1 25	11 53	10 28	6 13	5 36	11 50	3 36	2 8
T 11	22 11	11 21	1 0	18 47	4 34	10 42	0 40	16 22	1 11	22 24	0 10	9 21	2 29	16 18	0 20	21 23	1 25	11 53	10 28	6 14	5 38	11 47	3 37	2 8
F 12	22 3	5 58	0n 3	18 54	4 27	10 16	0 35	16 10	1 11	22 22	0 10	9 22	2 29	16 18	0 20	21 23	1 25	11 53	10 28	6 15	5 39	11 44	3 39	2 7
S 13	21 55	0 21	1 6	19 2	4 19	9 50	0 29	15 58	1 11	22 20	0 10	9 22	2 29	16 18	0 20	21 23	1 25	11 53	10 28	6 14	5 40	11 41	3 40	2 7
S 14	21 46	5n19	2 7	19 11	4 10	9 24	0 24	15 46	1 11	22 19	0 10	9 23	2 28	16 18	0 20	21 24	1 25	11 53	10 28	6 14	5 41	11 37	3 41	2 6
M15	21 37	10 52	3 3	19 21	4 0	8 58	0 18	15 33	1 10	22 17	0 10	9 23	2 28	16 18	0 20	21 24	1 25	11 53	10 28	6 14	5 43	11 34	3 43	2 6
T 16	21 28	16 8	3 52	19 32	3 48	8 32	0 12	15 21	1 10	22 15	0 10	9 24	2 28	16 17	0 20	21 24	1 25	11 53	10 29	6 14	5 44	11 31	3 44	2 5
W17	21 18	20 52	4 31	19 43	3 37	8 6	0 6	15 8	1 10	22 13	0 10	9 25	2 28	16 17	0 20	21 24	1 25	11 53	10 29	6 15	5 45	11 28	3 46	2 5
T 18	21 8	24 44	4 57	19 54	3 24	7 39	0s 0	14 56	1 9	22 11	0 11	9 25	2 27	16 17	0 20	21 24	1 25	11 53	10 29	6 16	5 46	11 25	3 47	2 4
F 19	20 57	27 23	5 8	20 6	3 11	7 13	0 7	14 43	1 9	22 9	0 11	9 26	2 27	16 17	0 20	21 24	1 25	11 53	10 29	6 19	5 47	11 21	3 49	2 4
S 20	20 46	28 25	5 1	20 17	2 57	6 46	0 14	14 30	1 9	22 8	0 11	9 27	2 27	16 17	0 20	21 25	1 25	11 53	10 29	6 21	5 49	11 18	3 50	2 3
S 21	20 35	27 34	4 35	20 29	2 43	6 20	0 20	14 18	1 8	22 6	0 11	9 28	2 27	16 17	0 20	21 25	1 25	11 53	10 29	6 24	5 50	11 15	3 52	2 2
M22	20 24	24 47	3 50	20 40	2 29	5 54	0 27	14 5	1 8	22 4	0 11	9 28	2 26	16 17	0 20	21 25	1 25	11 53	10 29	6 27	5 51	11 12	3 53	2 2
T 23	20 12	20 17	2 48	20 51	2 15	5 27	0 34	13 52	1 8	22 2	0 11	9 29	2 26	16 17	0 20	21 25	1 25	11 53	10 29	6 28	5 52	11 9	3 55	2 1
W24	19 59	14 28	1 35	21 1	2 0	5 1	0 42	13 38	1 7	22 0	0 11	9 30	2 26	16 17	0 20	21 25	1 25	11 53	10 29	6 30	5 54	11 5	3 57	2 1
T 25	19 47	7 52	0 16	21 10	1 45	4 35	0 49	13 25	1 7	21 58	0 11	9 31	2 26	16 17	0 20	21 25	1 25	11 53	10 30	6 30	5 55	11 2	3 59	2 0
F 26	19 34	0 56	1s 3	21 18	1 30	4 9	0 56	13 12	1 7	21 56	0 11	9 32	2 25	16 17	0 20	21 25	1 25	11 53	10 30	6 30	5 56	10 59	4 0	2 0
S 27	19 21	5s55	2 17	21 25	1 16	3 42	1 4	12 59	1 6	21 54	0 11	9 33	2 25	16 17	0 20	21 26	1 25	11 53	10 30	6 30	5 57	10 56	4 2	1 59
S 28	19 7	12 19	3 21	21 31	1 1	3 16	1 12	12 45	1 6	21 52	0 12	9 34	2 25	16 17	0 20	21 26	1 25	11 53	10 30	6 29	5 59	10 52	4 4	1 59
M29	18 53	17 57	4 12	21 35	0 47	2 51	1 20	12 32	1 6	21 50	0 12	9 35	2 24	16 17	0 20	21 26	1 25	11 53	10 30	6 29	6 0	10 49	4 6	1 58
T 30	18 39	22 34	4 47	21 37	0 33	2 25	1 28	12 18	1 5	21 48	0 12	9 36	2 24	16 17	0 20	21 26	1 25	11 53	10 30	6 29	6 1	10 46	4 8	1 58
W31	18n24	25s58	5s 7	21n38	0s19	1n59	1s37	12n 4	1n 5	21n46	0n12	9s37	2n24	16s17	0n19	21n26	1s25	11n53	10s30	6s30	6s 2	10s43	4s10	1s57

Julian Day Number = 2413375.5, Delta T = -4.99 sec
Ecliptic obliquity = 23°27'19, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°16'51, Lahiri = 22°23'52

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1895
geocentric

AUGUST 1895 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 37 24	8♌27'47	16♐41	21♋46	22♍ 0	1♍49	22♋46	1♏10	15♏53	17♊22	12♊27	13°R24	14♓38	4♓37	6♎ 4	T 1
F 2	20 41 21	9°25'12	29°17	23°27	22°44	2°27	22°59	1°13	15°53	17°23	12°28	13♓19	14°34	4°44	6°10	F 2
S 3	20 45 17	10°22'37	11♑40	25°12	23°27	3° 5	23°12	1°16	15°54	17°25	12°29	13°13	14°31	4°51	6°16	S 3
S 4	20 49 14	11°20'04	23°53	27° 1	24° 9	3°42	23°25	1°19	15°54	17°26	12°29	13° 8	14°28	4°57	6°23	S 4
M 5	20 53 10	12°17'31	5♒56	28°52	24°49	4°20	23°38	1°22	15°55	17°28	12°30	13° 3	14°25	5° 4	6°29	M 5
T 6	20 57 7	13°14'59	17°53	0♌46	25°29	4°58	23°51	1°25	15°55	17°29	12°31	12°59	14°22	5°10	6°36	T 6
W 7	21 1 3	14°12'28	29°44	2°43	26° 8	5°36	24° 4	1°28	15°56	17°31	12°32	12°57	14°18	5°17	6°42	W 7
T 8	21 5 0	15° 9'58	11♓31	4°41	26°45	6°13	24°17	1°31	15°57	17°32	12°32	12°D56	14°15	5°24	6°49	T 8
F 9	21 8 57	16° 7'30	23°19	6°41	27°22	6°51	24°30	1°34	15°57	17°33	12°33	12°57	14°12	5°30	6°56	F 9
S 10	21 12 53	17° 5'03	5♈ 8	8°42	27°57	7°29	24°43	1°38	15°58	17°35	12°34	12°58	14° 9	5°37	7° 3	S 10
S 11	21 16 50	18° 2'37	17° 4	10°44	28°30	8° 7	24°56	1°41	15°59	17°36	12°35	13° 0	14° 6	5°44	7° 9	S 11
M12	21 20 46	19° 0'12	29°11	12°47	29° 3	8°45	25° 9	1°45	16° 0	17°37	12°35	13° 1	14° 3	5°50	7°16	M12
T 13	21 24 43	19°57'49	11♉33	14°49	29°34	9°23	25°22	1°48	16° 1	17°39	12°36	13° 2	13°59	5°57	7°23	T 13
W14	21 28 39	20°55'28	24°14	16°52	0♎ 4	10° 1	25°35	1°52	16° 2	17°40	12°36	13°R 3	13°56	6° 4	7°30	W14
T 15	21 32 36	21°53'08	7♊18	18°55	0°32	10°39	25°47	1°56	16° 3	17°41	12°37	13° 2	13°53	6°10	7°38	T 15
F 16	21 36 32	22°50'50	20°49	20°57	0°59	11°17	26° 0	2° 0	16° 4	17°42	12°38	13° 0	13°50	6°17	7°45	F 16
S 17	21 40 29	23°48'33	4♋47	22°58	1°24	11°55	26°13	2° 4	16° 5	17°43	12°38	12°58	13°47	6°24	7°52	S 17
S 18	21 44 26	24°46'18	19°12	24°58	1°47	12°33	26°25	2° 8	16° 6	17°45	12°39	12°56	13°44	6°30	7°59	S 18
M19	21 48 22	25°44'04	3♌59	26°58	2° 9	13°11	26°38	2°12	16° 8	17°46	12°39	12°53	13°40	6°37	8° 7	M19
T 20	21 52 19	26°41'52	19° 3	28°56	2°29	13°49	26°50	2°16	16° 9	17°47	12°40	12°52	13°37	6°43	8°14	T 20
W21	21 56 15	27°39'41	4♍13	0♍54	2°47	14°28	27° 3	2°21	16°10	17°48	12°40	12°51	13°34	6°50	8°21	W21
T 22	22 0 12	28°37'32	19°22	2°50	3° 4	15° 6	27°15	2°25	16°12	17°49	12°41	12°D51	13°31	6°57	8°29	T 22
F 23	22 4 8	29°35'24	4♎19	4°45	3°18	15°44	27°27	2°29	16°13	17°50	12°41	12°51	13°28	7° 3	8°36	F 23
S 24	22 8 5	0♍33'17	18°59	6°38	3°30	16°22	27°40	2°34	16°15	17°51	12°42	12°52	13°24	7°10	8°44	S 24
S 25	22 12 1	1°31'11	3♏15	8°31	3°41	17° 0	27°52	2°38	16°16	17°52	12°42	12°53	13°21	7°17	8°52	S 25
M26	22 15 58	2°29'07	17° 6	10°22	3°49	17°39	28° 4	2°43	16°18	17°52	12°42	12°54	13°18	7°23	8°59	M26
T 27	22 19 55	3°27'04	0♐32	12°12	3°55	18°17	28°16	2°48	16°19	17°53	12°43	12°R54	13°15	7°30	9° 7	T 27
W28	22 23 51	4°25'02	13°35	14° 0	3°59	18°55	28°28	2°53	16°21	17°54	12°43	12°54	13°12	7°37	9°15	W28
T 29	22 27 48	5°23'02	26°18	15°47	4°R 0	19°34	28°40	2°58	16°23	17°55	12°43	12°54	13° 9	7°43	9°23	T 29
F 30	22 31 44	6°21'03	8♑44	17°33	3°59	20°12	28°52	3° 2	16°25	17°56	12°44	12°53	13° 5	7°50	9°31	F 30
S 31	22 35 41	7♍19'05	20♑57	19♍18	3♎56	20♍51	29♋ 4	3♏ 7	16♏27	17♊56	12♊44	12♓52	13♓ 2	7♓57	9♎39	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n10	27s57	5s11	21n36	0s 6	1n34	1s45	11n50	1n 5	21n44	0n12	9s39	2n24	16s18	0n19	21n26	1s25	11n53	10s31	6s32	6s 3	10s39	4s12	1s57
F 2	17 54	28 27	5 0	21 31	0n 7	1 9	1 54	11 37	1 4	21 42	0 12	9 40	2 23	16 18	0 19	21 26	1 25	11 53	10 31	6 34	6 5	10 36	4 14	1 56
S 3	17 39	27 30	4 34	21 25	0 19	0 44	2 3	11 23	1 4	21 40	0 12	9 41	2 23	16 18	0 19	21 26	1 25	11 53	10 31	6 36	6 6	10 33	4 16	1 56
S 4	17 23	25 14	3 57	21 16	0 30	0 19	2 12	11 9	1 4	21 37	0 12	9 42	2 23	16 18	0 19	21 27	1 26	11 52	10 31	6 38	6 7	10 30	4 18	1 55
M 5	17 7	21 51	3 9	21 4	0 41	0s 6	2 21	10 54	1 3	21 35	0 12	9 43	2 23	16 18	0 19	21 27	1 26	11 52	10 31	6 40	6 8	10 26	4 20	1 55
T 6	16 51	17 36	2 13	20 49	0 51	0 30	2 30	10 40	1 3	21 33	0 12	9 45	2 22	16 18	0 19	21 27	1 26	11 52	10 31	6 41	6 10	10 23	4 22	1 54
W 7	16 35	12 42	1 12	20 32	1 0	0 54	2 40	10 26	1 2	21 31	0 13	9 46	2 22	16 19	0 19	21 27	1 26	11 52	10 31	6 42	6 11	10 20	4 25	1 54
T 8	16 18	7 22	0 8	20 13	1 8	1 18	2 49	10 12	1 2	21 29	0 13	9 47	2 22	16 19	0 19	21 27	1 26	11 52	10 32	6 42	6 12	10 17	4 27	1 54
F 9	16 1	1 47	0n57	19 50	1 16	1 41	2 59	9 57	1 2	21 27	0 13	9 49	2 22	16 19	0 19	21 27	1 26	11 52	10 32	6 42	6 13	10 13	4 29	1 53
S 10	15 44	3n52	1 59	19 25	1 22	2 4	3 9	9 43	1 1	21 24	0 13	9 50	2 21	16 19	0 19	21 27	1 26	11 52	10 32	6 42	6 14	10 10	4 31	1 53
S 11	15 26	9 26	2 57	18 58	1 28	2 27	3 19	9 28	1 1	21 22	0 13	9 52	2 21	16 20	0 19	21 27	1 26	11 52	10 32	6 41	6 16	10 7	4 34	1 52
M12	15 8	14 44	3 48	18 29	1 33	2 49	3 29	9 14	1 1	21 20	0 13	9 53	2 21	16 20	0 19	21 27	1 26	11 52	10 32	6 40	6 17	10 4	4 36	1 52
T 13	14 50	19 34	4 29	17 57	1 37	3 11	3 40	8 59	1 0	21 18	0 13	9 54	2 21	16 20	0 19	21 27	1 26	11 52	10 32	6 40	6 18	10 0	4 38	1 51
W14	14 32	23 40	4 59	17 23	1 40	3 32	3 50	8 45	1 0	21 16	0 13	9 56	2 21	16 21	0 19	21 27	1 26	11 52	10 33	6 40	6 19	9 57	4 41	1 51
T 15	14 13	26 42	5 14	16 48	1 43	3 53	4 1	8 30	1 0	21 13	0 13	9 57	2 20	16 21	0 19	21 28	1 26	11 52	10 33	6 40	6 21	9 54	4 43	1 50
F 16	13 55	28 20	5 13	16 11	1 45	4 14	4 11	8 15	0 59	21 11	0 14	9 59	2 20	16 21	0 19	21 28	1 26	11 52	10 33	6 41	6 22	9 51	4 45	1 50
S 17	13 36	28 15	4 53	15 32	1 46	4 34	4 22	8 0	0 59	21 9	0 14	10 1	2 20	16 22	0 19	21 28	1 26	11 51	10 33	6 42	6 23	9 47	4 48	1 49
S 18	13 16	26 17	4 15	14 52	1 46	4 53	4 33	7 45	0 58	21 6	0 14	10 2	2 20	16 22	0 19	21 28	1 26	11 51	10 33	6 43	6 24	9 44	4 50	1 49
M19	12 57	22 29	3 19	14 11	1 45	5 12	4 44	7 30	0 58	21 4	0 14	10 4	2 19	16 22	0 19	21 28	1 26	11 51	10 33	6 44	6 25	9 41	4 53	1 49
T 20	12 37	17 9	2 8	13 29	1 44	5 30	4 55	7 15	0 58	21 2	0 14	10 6	2 19	16 23	0 19	21 28	1 26	11 51	10 34	6 44	6 27	9 37	4 55	1 48
W21	12 18	10 42	0 48	12 46	1 43	5 47	5 6	7 0	0 57	21 0	0 14	10 7	2 19	16 23	0 19	21 28	1 26	11 51	10 34	6 44	6 28	9 34	4 58	1 48
T 22	11 58	3 40	0s36	12 2	1 40	6 4	5 17	6 45	0 57	20 57	0 14	10 9	2 19	16 24	0 19	21 28	1 26	11 51	10 34	6 44	6 29	9 31	5 1	1 47
F 23	11 37	3s30	1 56	11 18	1 38	6 20	5 28	6 30	0 57	20 55	0 14	10 11	2 18	16 24	0 19	21 28	1 26	11 51	10 34	6 44	6 30	9 28	5 3	1 47
S 24	11 17	10 19	3 7	10 33	1 34	6 35	5 39	6 15	0 56	20 53	0 14	10 12	2 18	16 24	0 19	21 28	1 26	11 51	10 34	6 44	6 32	9 24	5 6	1 46
S 25	10 56	16 26	4 5	9 47	1 31	6 49	5 51	5 59	0 56	20 50	0 15	10 14	2 18	16 25	0 19	21 28	1 26	11 50	10 35	6 44	6 33	9 21	5 8	1 46
M26	10 36	21 31	4 46	9 1	1 27	7 3	6 2	5 44	0 55	20 48	0 15	10 16	2 18	16 25	0 19	21 28	1 26	11 50	10 35	6 43	6 34	9 18	5 11	1 46
T 27	10 15	25 20	5 10	8 15	1 22	7 15	6 13	5 29	0 55	20 46	0 15	10 18	2 18	16 26	0 19	21 28	1 26	11 50	10 35	6 43	6 35	9 14	5 14	1 45
W28	9 54	27 42	5 17	7 29	1 17	7 27	6 24	5 13	0 55	20 43	0 15	10 20	2 17	16 26	0 19	21 28	1 26	11 50	10 35	6 43	6 36	9 11	5 16	1 45
T 29	9 33	28 33	5 9	6 43	1 12	7 37	6 34	4 58	0 54	20 41	0 15	10 21	2 17	16 27	0 19	21 28	1 26	11 50	10 35	6 43	6 38	9 8	5 19	1 44
F 30	9 11	27 55	4 46	5 57	1 7	7 47	6 45	4 43	0 54	20 39	0 15	10 23	2 17	16 27	0 19	21 28	1 26	11 50	10 36	6 44	6 39	9 5	5 22	1 44
S 31	8n50	25s56	4s10	5n10	1n 1	7s55	6s56	4n27	0n53	20n36	0n15	10s25	2n17	16s28	0n19	21n28	1s27	11n50	10s36	6s44	6s40	9s 1	5s25	1s44

Julian Day Number = 2413406.5, Delta T = -4.98 sec
Ecliptic obliquity = 23°27'19, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°16'55, Lahiri = 22°23'56

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ASTRODIENST EPHEMERIS for the year 1895
geocentric

SEPTEMBER 1895 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	22 39 37	8♍17'09	2♒59	21♍ 1	3°R50	21♍29	29♋16	3♏13	16♏28	17♊57	12♊44	12°R52	12♓59	8♓ 3	9♎47	S 1
M 2	22 43 34	9°15'15	14°53	22°43	3♎42	22° 8	29°28	3°18	16°30	17°58	12°44	12♓51	12°56	8°10	9°55	M 2
T 3	22 47 30	10°13'21	26°43	24°24	3°32	22°46	29°39	3°23	16°32	17°58	12°45	12°51	12°53	8°17	10° 3	T 3
W 4	22 51 27	11°11'30	8♓31	26° 4	3°19	23°25	29°51	3°28	16°34	17°59	12°45	12°D51	12°50	8°23	10°11	W 4
T 5	22 55 24	12° 9'40	20°19	27°42	3° 4	24° 3	0♌ 3	3°33	16°36	17°59	12°45	12°51	12°46	8°30	10°19	T 5
F 6	22 59 20	13° 7'52	2♈10	29°19	2°46	24°42	0°14	3°39	16°39	18° 0	12°45	12°R51	12°43	8°36	10°27	F 6
S 7	23 3 17	14° 6'06	14° 5	0♎56	2°27	25°20	0°25	3°44	16°41	18° 0	12°45	12°51	12°40	8°43	10°35	S 7
S 8	23 7 13	15° 4'21	26° 8	2°30	2° 5	25°59	0°37	3°50	16°43	18° 1	12°45	12°50	12°37	8°50	10°44	S 8
M 9	23 11 10	16° 2'39	8♉20	4° 4	1°40	26°38	0°48	3°55	16°45	18° 1	12°45	12°50	12°34	8°56	10°52	M 9
T 10	23 15 6	17° 0'59	20°46	5°37	1°14	27°16	0°59	4° 1	16°47	18° 2	12°46	12°50	12°30	9° 3	11° 0	T 10
W11	23 19 3	17°59'20	3♊28	7° 8	0°46	27°55	1°10	4° 7	16°50	18° 2	12°46	12°49	12°27	9°10	11° 9	W11
T 12	23 22 59	18°57'44	16°29	8°39	0°16	28°34	1°21	4°12	16°52	18° 2	12°46	12°D49	12°24	9°16	11°17	T 12
F 13	23 26 56	19°56'11	29°53	10° 8	29♍45	29°13	1°32	4°18	16°54	18° 3	12°R46	12°49	12°21	9°23	11°25	F 13
S 14	23 30 53	20°54'39	13♋40	11°36	29°12	29°52	1°43	4°24	16°57	18° 3	12°46	12°50	12°18	9°30	11°34	S 14
S 15	23 34 49	21°53'09	27°53	13° 3	28°38	0♎30	1°54	4°30	16°59	18° 3	12°46	12°50	12°15	9°36	11°42	S 15
M16	23 38 46	22°51'42	12♌28	14°29	28° 3	1° 9	2° 4	4°36	17° 2	18° 3	12°45	12°51	12°11	9°43	11°51	M16
T 17	23 42 42	23°50'17	27°21	15°54	27°27	1°48	2°15	4°42	17° 4	18° 4	12°45	12°52	12° 8	9°50	11°59	T 17
W18	23 46 39	24°48'53	12♍27	17°17	26°51	2°27	2°26	4°48	17° 7	18° 4	12°45	12°R52	12° 5	9°56	12° 8	W18
T 19	23 50 35	25°47'32	27°36	18°39	26°14	3° 6	2°36	4°54	17°10	18° 4	12°45	12°52	12° 2	10° 3	12°16	T 19
F 20	23 54 32	26°46'13	12♎40	20° 0	25°37	3°45	2°46	5° 0	17°12	18° 4	12°45	12°51	11°59	10° 9	12°25	F 20
S 21	23 58 28	27°44'55	27°29	21°20	25° 0	4°24	2°56	5° 6	17°15	18°R 4	12°45	12°49	11°55	10°16	12°34	S 21
S 22	0 2 25	28°43'39	11♏56	22°38	24°24	5° 3	3° 7	5°13	17°18	18° 4	12°45	12°47	11°52	10°23	12°42	S 22
M23	0 6 22	29°42'26	25°57	23°55	23°48	5°43	3°17	5°19	17°21	18° 4	12°44	12°45	11°49	10°29	12°51	M23
T 24	0 10 18	0♎41'13	9♐31	25°10	23°13	6°22	3°26	5°25	17°23	18° 4	12°44	12°43	11°46	10°36	12°59	T 24
W25	0 14 15	1°40'03	22°39	26°24	22°39	7° 1	3°36	5°32	17°26	18° 4	12°44	12°42	11°43	10°43	13° 8	W25
T 26	0 18 11	2°38'54	5♑22	27°36	22° 6	7°40	3°46	5°38	17°29	18° 3	12°44	12°D42	11°40	10°49	13°17	T 26
F 27	0 22 8	3°37'48	17°45	28°46	21°35	8°19	3°55	5°44	17°32	18° 3	12°43	12°43	11°36	10°56	13°26	F 27
S 28	0 26 4	4°36'42	29°53	29°55	21° 5	8°59	4° 5	5°51	17°35	18° 3	12°43	12°44	11°33	11° 3	13°34	S 28
S 29	0 30 1	5°35'39	11♒50	1♏ 1	20°37	9°38	4°14	5°58	17°38	18° 3	12°43	12°46	11°30	11° 9	13°43	S 29
M30	0 33 57	6♎34'37	23♒40	2♏ 6	20♍11	10♎17	4♌24	6♏ 4	17♏41	18♊ 3	12♊42	12♓47	11♓27	11♓16	13♎52	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	8n28	22s49	3s24	4n24	0n55	8s 2	7s 6	4n11	0n53	20n34	0n15	10s27	2n17	16s29	0n19	21n28	1s27	11n49	10s36	6s44	6s41	8s58	5s27	1s43
M 2	8 6	18 45	2 29	3 38	0 48	8 8	7 16	3 56	0 53	20 32	0 15	10 29	2 16	16 29	0 19	21 28	1 27	11 49	10 36	6 44	6 43	8 55	5 30	1 43
T 3	7 44	14 0	1 28	2 52	0 42	8 13	7 26	3 40	0 52	20 29	0 16	10 31	2 16	16 30	0 19	21 28	1 27	11 49	10 36	6 44	6 44	8 51	5 33	1 42
W 4	7 22	8 45	0 24	2 6	0 35	8 16	7 35	3 25	0 52	20 27	0 16	10 33	2 16	16 30	0 19	21 28	1 27	11 49	10 36	6 45	6 45	8 48	5 36	1 42
T 5	7 0	3 12	0n41	1 21	0 28	8 18	7 44	3 9	0 51	20 25	0 16	10 35	2 16	16 31	0 19	21 28	1 27	11 49	10 37	6 45	6 46	8 45	5 39	1 42
F 6	6 38	2n28	1 45	0 35	0 21	8 19	7 52	2 53	0 51	20 22	0 16	10 37	2 16	16 32	0 19	21 28	1 27	11 49	10 37	6 45	6 47	8 41	5 42	1 41
S 7	6 16	8 6	2 45	0s10	0 14	8 19	8 0	2 38	0 51	20 20	0 16	10 39	2 15	16 32	0 19	21 28	1 27	11 48	10 37	6 45	6 49	8 38	5 44	1 41
S 8	5 53	13 29	3 38	0 54	0 6	8 17	8 8	2 22	0 50	20 18	0 16	10 41	2 15	16 33	0 18	21 28	1 27	11 48	10 37	6 45	6 50	8 35	5 47	1 41
M 9	5 31	18 25	4 22	1 38	0s 1	8 13	8 14	2 6	0 50	20 16	0 16	10 43	2 15	16 34	0 18	21 28	1 27	11 48	10 37	6 45	6 51	8 32	5 50	1 40
T 10	5 8	22 41	4 54	2 22	0 9	8 8	8 20	1 50	0 49	20 13	0 17	10 45	2 15	16 34	0 18	21 28	1 27	11 48	10 38	6 45	6 52	8 28	5 53	1 40
W11	4 45	25 59	5 13	3 5	0 17	8 2	8 26	1 35	0 49	20 11	0 17	10 47	2 15	16 35	0 18	21 28	1 27	11 48	10 38	6 45	6 54	8 25	5 56	1 39
T 12	4 22	28 1	5 17	3 48	0 24	7 55	8 30	1 19	0 49	20 9	0 17	10 49	2 15	16 36	0 18	21 28	1 27	11 48	10 38	6 45	6 55	8 22	5 59	1 39
F 13	3 59	28 31	5 4	4 30	0 32	7 46	8 34	1 3	0 48	20 6	0 17	10 51	2 14	16 36	0 18	21 28	1 27	11 47	10 38	6 45	6 56	8 18	6 2	1 39
S 14	3 36	27 16	4 33	5 12	0 40	7 35	8 37	0 47	0 48	20 4	0 17	10 53	2 14	16 37	0 18	21 28	1 27	11 47	10 38	6 45	6 57	8 15	6 5	1 38
S 15	3 13	24 16	3 45	5 53	0 48	7 24	8 39	0 31	0 47	20 2	0 17	10 55	2 14	16 38	0 18	21 28	1 27	11 47	10 39	6 45	6 58	8 12	6 8	1 38
M16	2 50	19 39	2 41	6 34	0 56	7 11	8 41	0 15	0 47	20 0	0 17	10 58	2 14	16 38	0 18	21 28	1 27	11 47	10 39	6 44	7 0	8 8	6 11	1 38
T 17	2 27	13 44	1 25	7 14	1 4	6 57	8 41	0s 1	0 46	19 57	0 17	11 0	2 14	16 39	0 18	21 28	1 27	11 47	10 39	6 44	7 1	8 5	6 14	1 37
W18	2 4	6 56	0 2	7 53	1 11	6 42	8 40	0 16	0 46	19 55	0 18	11 2	2 14	16 40	0 18	21 28	1 27	11 46	10 39	6 44	7 2	8 2	6 17	1 37
T 19	1 40	0s17	1s21	8 32	1 19	6 26	8 39	0 32	0 46	19 53	0 18	11 4	2 13	16 41	0 18	21 28	1 27	11 46	10 39	6 44	7 3	7 58	6 20	1 37
F 20	1 17	7 26	2 38	9 10	1 27	6 9	8 36	0 48	0 45	19 51	0 18	11 6	2 13	16 41	0 18	21 28	1 27	11 46	10 39	6 44	7 4	7 55	6 23	1 36
S 21	0 54	14 3	3 43	9 47	1 35	5 52	8 33	1 4	0 45	19 48	0 18	11 8	2 13	16 42	0 18	21 28	1 27	11 46	10 40	6 45	7 6	7 52	6 26	1 36
S 22	0 30	19 44	4 32	10 24	1 43	5 33	8 29	1 20	0 44	19 46	0 18	11 11	2 13	16 43	0 18	21 28	1 27	11 46	10 40	6 46	7 7	7 48	6 29	1 36
M23	0 7	24 9	5 3	10 59	1 50	5 14	8 23	1 36	0 44	19 44	0 18	11 13	2 13	16 44	0 18	21 28	1 28	11 45	10 40	6 47	7 8	7 45	6 32	1 35
T 24	0s16	27 6	5 16	11 34	1 58	4 55	8 17	1 52	0 43	19 42	0 18	11 15	2 13	16 45	0 18	21 28	1 28	11 45	10 40	6 47	7 9	7 42	6 35	1 35
W25	0 40	28 26	5 11	12 8	2 5	4 35	8 10	2 8	0 43	19 40	0 19	11 17	2 13	16 45	0 18	21 28	1 28	11 45	10 40	6 48	7 10	7 38	6 38	1 35
T 26	1 3	28 12	4 52	12 41	2 12	4 15	8 3	2 24	0 42	19 38	0 19	11 19	2 13	16 46	0 18	21 28	1 28	11 45	10 41	6 48	7 12	7 35	6 42	1 34
F 27	1 27	26 33	4 19	13 13	2 19	3 55	7 54	2 40	0 42	19 35	0 19	11 22	2 12	16 47	0 18	21 28	1 28	11 45	10 41	6 48	7 13	7 32	6 45	1 34
S 28	1 50	23 42	3 35	13 44	2 26	3 35	7 45	2 55	0 42	19 33	0 19	11 24	2 12	16 48	0 18	21 28	1 28	11 44	10 41	6 47	7 14	7 28	6 48	1 34
S 29	2 13	19 51	2 43	14 13	2 33	3 15	7 35	3 11	0 41	19 31	0 19	11 26	2 12	16 49	0 18	21 28	1 28	11 44	10 41	6 46	7 15	7 25	6 51	1 33
M30	2s37	15s16	1s44	14s42	2s39	2s56	7s25	3s27	0n41	19n29	0n19	11s29	2n12	16s50	0n18	21n28	1s28	11n44	10s41	6s46	7s17	7s22	6s54	1s33

Julian Day Number = 2413437.5, Delta T = -4.96 sec
Ecliptic obliquity = 23°27'19, Nutation = 0°00'06, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°17'00, Lahiri = 22°24'00

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ASTRODIENST EPHEMERIS for the year 1895
geocentric

OCTOBER 1895 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 37 54	7♎33'37	5♓27	3♏ 8	19°R47	10♎57	4♌33	6♏11	17♏44	18°R 2	12°R42	12♓48	11♓24	11♓23	14♎ 1	T 1
W 2	0 41 51	8°32'39	17°15	4° 8	19♍26	11°36	4°42	6°17	17°47	18♊ 2	12♊42	12°R49	11°21	11°29	14° 9	W 2
T 3	0 45 47	9°31'43	29° 7	5° 5	19° 6	12°16	4°51	6°24	17°50	18° 2	12°41	12°47	11°17	11°36	14°18	T 3
F 4	0 49 44	10°30'49	11♈ 4	5°59	18°49	12°55	4°59	6°31	17°53	18° 1	12°41	12°45	11°14	11°42	14°27	F 4
S 5	0 53 40	11°29'57	23°10	6°50	18°34	13°35	5° 8	6°37	17°57	18° 1	12°40	12°41	11°11	11°49	14°36	S 5
S 6	0 57 37	12°29'07	5♉24	7°37	18°22	14°14	5°17	6°44	18° 0	18° 0	12°40	12°36	11° 8	11°56	14°44	S 6
M 7	1 1 33	13°28'19	17°50	8°21	18°12	14°54	5°25	6°51	18° 3	18° 0	12°39	12°31	11° 5	12° 2	14°53	M 7
T 8	1 5 30	14°27'34	0♊27	9° 0	18° 5	15°33	5°33	6°58	18° 6	17°59	12°39	12°26	11° 1	12° 9	15° 2	T 8
W 9	1 9 26	15°26'51	13°18	9°35	18° 0	16°13	5°42	7° 5	18° 9	17°59	12°38	12°21	10°58	12°16	15°11	W 9
T 10	1 13 23	16°26'10	26°24	10° 5	17°57	16°53	5°50	7°12	18°13	17°58	12°38	12°18	10°55	12°22	15°20	T 10
F 11	1 17 19	17°25'31	9♋46	10°30	17°D57	17°33	5°57	7°19	18°16	17°57	12°37	12°16	10°52	12°29	15°28	F 11
S 12	1 21 16	18°24'55	23°26	10°49	17°59	18°12	6° 5	7°25	18°19	17°57	12°37	12°D16	10°49	12°36	15°37	S 12
S 13	1 25 13	19°24'21	7♌24	11° 1	18° 4	18°52	6°13	7°32	18°23	17°56	12°36	12°17	10°46	12°42	15°46	S 13
M14	1 29 9	20°23'50	21°41	11°R 7	18°11	19°32	6°20	7°39	18°26	17°55	12°35	12°19	10°42	12°49	15°55	M14
T 15	1 33 6	21°23'20	6♍15	11° 5	18°20	20°12	6°28	7°46	18°30	17°55	12°35	12°R20	10°39	12°56	16° 3	T 15
W16	1 37 2	22°22'53	21° 2	10°55	18°32	20°52	6°35	7°53	18°33	17°54	12°34	12°19	10°36	13° 2	16°12	W16
T 17	1 40 59	23°22'28	5♎56	10°37	18°45	21°32	6°42	8° 1	18°36	17°53	12°33	12°17	10°33	13° 9	16°21	T 17
F 18	1 44 55	24°22'05	20°49	10°11	19° 1	22°12	6°49	8° 8	18°40	17°52	12°33	12°13	10°30	13°16	16°30	F 18
S 19	1 48 52	25°21'45	5♏34	9°35	19°18	22°52	6°56	8°15	18°43	17°51	12°32	12° 8	10°27	13°22	16°38	S 19
S 20	1 52 48	26°21'26	20° 2	8°51	19°38	23°32	7° 2	8°22	18°47	17°50	12°31	12° 1	10°23	13°29	16°47	S 20
M21	1 56 45	27°21'09	4♐ 7	7°59	19°59	24°12	7° 9	8°29	18°50	17°49	12°30	11°53	10°20	13°35	16°56	M21
T 22	2 0 42	28°20'54	17°46	6°59	20°23	24°52	7°15	8°36	18°54	17°48	12°30	11°46	10°17	13°42	17° 5	T 22
W23	2 4 38	29°20'41	0♑59	5°52	20°48	25°32	7°21	8°43	18°58	17°47	12°29	11°41	10°14	13°49	17°13	W23
T 24	2 8 35	0♏20'30	13°46	4°41	21°15	26°13	7°28	8°50	19° 1	17°46	12°28	11°37	10°11	13°55	17°22	T 24
F 25	2 12 31	1°20'20	26°11	3°26	21°43	26°53	7°33	8°58	19° 5	17°45	12°27	11°D36	10° 7	14° 2	17°31	F 25
S 26	2 16 28	2°20'12	8♒18	2° 9	22°13	27°33	7°39	9° 5	19° 8	17°44	12°26	11°36	10° 4	14° 9	17°39	S 26
S 27	2 20 24	3°20'06	20°14	0°54	22°44	28°14	7°45	9°12	19°12	17°43	12°26	11°37	10° 1	14°15	17°48	S 27
M28	2 24 21	4°20'01	2♓ 3	29♎42	23°17	28°54	7°50	9°19	19°16	17°42	12°25	11°38	9°58	14°22	17°56	M28
T 29	2 28 17	5°19'57	13°50	28°35	23°52	29°34	7°55	9°26	19°19	17°41	12°24	11°R38	9°55	14°29	18° 5	T 29
W30	2 32 14	6°19'56	25°39	27°36	24°28	0♏15	8° 0	9°34	19°23	17°40	12°23	11°37	9°52	14°35	18°13	W30
T 31	2 36 11	7♏19'56	7♈36	26♎47	25♍ 5	0♏55	8♌ 5	9♏41	19♏27	17♊39	12♊22	11♓34	9♓48	14♓42	18♎22	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s 0	10s 9	0s40	15s 9	2s45	2s36	7s14	3s43	0n40	19n27	0n19	11s31	2n12	16s51	0n18	21n27	1s28	11n44	10s41	6s45	7s18	7s18	6s57	1s33
W 2	3 23	4 40	0n24	15 35	2 51	2 18	7 3	3 59	0 40	19 25	0 20	11 33	2 12	16 51	0 18	21 27	1 28	11 43	10 42	6 45	7 19	7 15	7 0	1 32
T 3	3 47	1n 0	1 28	15 59	2 56	1 59	6 51	4 15	0 39	19 23	0 20	11 35	2 12	16 52	0 18	21 27	1 28	11 43	10 42	6 46	7 20	7 12	7 3	1 32
F 4	4 10	6 40	2 29	16 22	3 1	1 41	6 39	4 31	0 39	19 21	0 20	11 38	2 12	16 53	0 18	21 27	1 28	11 43	10 42	6 47	7 21	7 8	7 6	1 32
S 5	4 33	12 9	3 23	16 44	3 6	1 24	6 26	4 46	0 38	19 19	0 20	11 40	2 11	16 54	0 18	21 27	1 28	11 43	10 42	6 48	7 23	7 5	7 10	1 31
S 6	4 56	17 15	4 9	17 3	3 10	1 8	6 14	5 2	0 38	19 17	0 20	11 42	2 11	16 55	0 18	21 27	1 28	11 43	10 42	6 50	7 24	7 2	7 13	1 31
M 7	5 19	21 42	4 44	17 21	3 14	0 52	6 1	5 18	0 37	19 15	0 20	11 45	2 11	16 56	0 18	21 27	1 28	11 42	10 42	6 52	7 25	6 58	7 16	1 31
T 8	5 42	25 14	5 5	17 37	3 17	0 37	5 48	5 34	0 37	19 14	0 21	11 47	2 11	16 57	0 18	21 27	1 28	11 42	10 43	6 54	7 26	6 55	7 19	1 30
W 9	6 5	27 34	5 12	17 50	3 19	0 23	5 35	5 49	0 36	19 12	0 21	11 49	2 11	16 58	0 18	21 27	1 28	11 42	10 43	6 56	7 27	6 51	7 22	1 30
T 10	6 28	28 27	5 3	18 2	3 21	0 10	5 22	6 5	0 36	19 10	0 21	11 52	2 11	16 59	0 18	21 27	1 28	11 42	10 43	6 57	7 29	6 48	7 25	1 30
F 11	6 51	27 42	4 37	18 10	3 22	0n 2	5 8	6 21	0 36	19 8	0 21	11 54	2 11	17 0	0 18	21 27	1 28	11 41	10 43	6 58	7 30	6 45	7 28	1 30
S 12	7 13	25 17	3 55	18 16	3 22	0 13	4 55	6 36	0 35	19 6	0 21	11 56	2 11	17 1	0 18	21 27	1 28	11 41	10 43	6 58	7 31	6 41	7 32	1 29
S 13	7 36	21 19	2 59	18 19	3 20	0 23	4 42	6 52	0 35	19 5	0 21	11 58	2 11	17 2	0 18	21 26	1 28	11 41	10 43	6 57	7 32	6 38	7 35	1 29
M14	7 58	16 1	1 50	18 18	3 18	0 33	4 29	7 7	0 34	19 3	0 21	12 1	2 11	17 3	0 18	21 26	1 28	11 41	10 44	6 57	7 33	6 35	7 38	1 29
T 15	8 21	9 44	0 33	18 14	3 14	0 41	4 16	7 23	0 34	19 1	0 22	12 3	2 11	17 3	0 18	21 26	1 28	11 41	10 44	6 56	7 35	6 31	7 41	1 28
W16	8 43	2 50	0s47	18 7	3 10	0 49	4 3	7 38	0 33	18 59	0 22	12 5	2 10	17 4	0 18	21 26	1 28	11 40	10 44	6 56	7 36	6 28	7 44	1 28
T 17	9 5	4s16	2 5	17 55	3 3	0 55	3 50	7 54	0 33	18 58	0 22	12 8	2 10	17 5	0 18	21 26	1 28	11 40	10 44	6 57	7 37	6 25	7 47	1 28
F 18	9 27	11 7	3 13	17 39	2 55	1 1	3 38	8 9	0 32	18 56	0 22	12 10	2 10	17 6	0 18	21 26	1 29	11 40	10 44	6 59	7 38	6 21	7 50	1 28
S 19	9 49	17 17	4 9	17 18	2 45	1 5	3 25	8 24	0 32	18 55	0 22	12 12	2 10	17 7	0 18	21 26	1 29	11 40	10 44	7 1	7 39	6 18	7 53	1 27
S 20	10 11	22 21	4 46	16 53	2 34	1 9	3 13	8 40	0 31	18 53	0 22	12 15	2 10	17 8	0 18	21 26	1 29	11 39	10 44	7 4	7 41	6 15	7 56	1 27
M21	10 32	25 59	5 6	16 23	2 20	1 11	3 1	8 55	0 31	18 52	0 23	12 17	2 10	17 9	0 18	21 26	1 29	11 39	10 44	7 7	7 42	6 11	8 0	1 27
T 22	10 54	27 59	5 7	15 49	2 5	1 13	2 49	9 10	0 30	18 50	0 23	12 19	2 10	17 10	0 18	21 25	1 29	11 39	10 45	7 9	7 43	6 8	8 3	1 27
W23	11 15	28 19	4 51	15 11	1 48	1 14	2 37	9 25	0 30	18 49	0 23	12 22	2 10	17 11	0 18	21 25	1 29	11 39	10 45	7 11	7 44	6 4	8 6	1 26
T 24	11 36	27 5	4 22	14 30	1 30	1 14	2 26	9 40	0 29	18 48	0 23	12 24	2 10	17 12	0 18	21 25	1 29	11 39	10 45	7 13	7 45	6 1	8 9	1 26
F 25	11 57	24 32	3 40	13 46	1 11	1 13	2 15	9 55	0 29	18 46	0 23	12 26	2 10	17 13	0 18	21 25	1 29	11 38	10 45	7 13	7 47	5 58	8 12	1 26
S 26	12 18	20 56	2 50	13 1	0 50	1 12	2 4	10 10	0 28	18 45	0 24	12 29	2 10	17 14	0 18	21 25	1 29	11 38	10 45	7 13	7 48	5 54	8 15	1 25
S 27	12 38	16 32	1 53	12 15	0 30	1 9	1 53	10 25	0 28	18 44	0 24	12 31	2 10	17 15	0 18	21 25	1 29	11 38	10 45	7 13	7 49	5 51	8 18	1 25
M28	12 58	11 33	0 52	11 31	0 9	1 6	1 42	10 40	0 27	18 42	0 24	12 33	2 10	17 16	0 18	21 25	1 29	11 38	10 45	7 12	7 50	5 48	8 21	1 25
T 29	13 18	6 11	0n12	10 48	0n11	1 2	1 32	10 55	0 27	18 41	0 24	12 36	2 10	17 17	0 18	21 25	1 29	11 38	10 45	7 12	7 51	5 44	8 24	1 25
W30	13 38	0 35	1 15	10 9	0 31	0 57	1 22	11 10	0 26	18 40	0 24	12 38	2 10	17 18	0 18	21 24	1 29	11 37	10 45	7 13	7 53	5 41	8 27	1 24
T 31	13s58	5n 5	2n15	9s34	0n49	0n52	1s12	11s24	0n26	18n39	0n24	12s40	2n10	17s19	0n18	21n24	1s29	11n37	10s46	7s14	7s54	5s37	8s30	1s24

Julian Day Number = 2413467.5, Delta T = -4.94 sec
Ecliptic obliquity = 23°27'20, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°17'04, Lahiri = 22°24'04

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ASTRODIENST EPHEMERIS for the year 1895
geocentric

NOVEMBER 1895 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	2 40 7	8♏19'58	19♈43	26°R 8	25♍43	1♏36	8♌10	9♏48	19♏30	17°R37	12°R21	11°R28	9♓45	14♓49	18♎30	F 1
S 2	2 44 4	9°20'02	2♉ 1	25♎40	26°23	2°16	8°14	9°55	19°34	17♊36	12♊20	11♓19	9°42	14°55	18°39	S 2
S 3	2 48 0	10°20'07	14°32	25°24	27° 4	2°57	8°19	10° 2	19°38	17°35	12°19	11° 9	9°39	15° 2	18°47	S 3
M 4	2 51 57	11°20'15	27°17	25°D19	27°46	3°38	8°23	10°10	19°41	17°34	12°18	10°58	9°36	15° 8	18°56	M 4
T 5	2 55 53	12°20'24	10♊14	25°26	28°29	4°18	8°27	10°17	19°45	17°32	12°17	10°47	9°32	15°15	19° 4	T 5
W 6	2 59 50	13°20'36	23°23	25°43	29°13	4°59	8°31	10°24	19°49	17°31	12°16	10°37	9°29	15°22	19°12	W 6
T 7	3 3 46	14°20'49	6♋44	26°10	29°58	5°40	8°35	10°31	19°53	17°30	12°15	10°29	9°26	15°28	19°21	T 7
F 8	3 7 43	15°21'05	20°15	26°46	0♎44	6°21	8°38	10°38	19°56	17°28	12°14	10°24	9°23	15°35	19°29	F 8
S 9	3 11 40	16°21'22	3♌58	27°30	1°32	7° 1	8°41	10°46	20° 0	17°27	12°13	10°22	9°20	15°42	19°37	S 9
S 10	3 15 36	17°21'41	17°51	28°22	2°20	7°42	8°45	10°53	20° 4	17°26	12°12	10°D21	9°17	15°48	19°45	S 10
M11	3 19 33	18°22'03	1♍54	29°20	3° 9	8°23	8°48	11° 0	20° 7	17°24	12°11	10°21	9°13	15°55	19°54	M11
T 12	3 23 29	19°22'26	16° 8	0♏23	3°58	9° 4	8°50	11° 7	20°11	17°23	12°10	10°R21	9°10	16° 2	20° 2	T 12
W13	3 27 26	20°22'51	0♎31	1°32	4°49	9°45	8°53	11°14	20°15	17°21	12° 9	10°20	9° 7	16° 8	20°10	W13
T 14	3 31 22	21°23'18	15° 0	2°44	5°40	10°26	8°55	11°21	20°19	17°20	12° 8	10°16	9° 4	16°15	20°18	T 14
F 15	3 35 19	22°23'47	29°30	4° 0	6°33	11° 7	8°57	11°29	20°22	17°18	12° 7	10° 9	9° 1	16°22	20°26	F 15
S 16	3 39 15	23°24'18	13♏55	5°19	7°25	11°48	8°59	11°36	20°26	17°17	12° 6	9°59	8°58	16°28	20°34	S 16
S 17	3 43 12	24°24'50	28° 8	6°41	8°19	12°30	9° 1	11°43	20°30	17°15	12° 5	9°48	8°54	16°35	20°42	S 17
M18	3 47 9	25°25'24	12♐ 5	8° 5	9°13	13°11	9° 3	11°50	20°34	17°14	12° 4	9°35	8°51	16°42	20°50	M18
T 19	3 51 5	26°26'00	25°40	9°31	10° 8	13°52	9° 4	11°57	20°37	17°12	12° 3	9°24	8°48	16°48	20°57	T 19
W20	3 55 2	27°26'37	8♑51	10°58	11° 4	14°33	9° 6	12° 4	20°41	17°11	12° 2	9°13	8°45	16°55	21° 5	W20
T 21	3 58 58	28°27'15	21°39	12°26	12° 0	15°15	9° 7	12°11	20°45	17° 9	12° 1	9° 6	8°42	17° 1	21°13	T 21
F 22	4 2 55	29°27'54	4♒ 6	13°56	12°56	15°56	9° 7	12°18	20°48	17° 7	11°59	9° 1	8°39	17° 8	21°21	F 22
S 23	4 6 51	0♐28'34	16°15	15°26	13°54	16°37	9° 8	12°25	20°52	17° 6	11°58	8°59	8°35	17°15	21°28	S 23
S 24	4 10 48	1°29'16	28°11	16°57	14°51	17°19	9° 8	12°32	20°56	17° 4	11°57	8°D58	8°32	17°21	21°36	S 24
M25	4 14 45	2°29'58	10♓ 0	18°29	15°50	18° 0	9° 9	12°39	21° 0	17° 2	11°56	8°R58	8°29	17°28	21°43	M25
T 26	4 18 41	3°30'42	21°48	20° 1	16°48	18°42	9°R 9	12°46	21° 3	17° 1	11°55	8°57	8°26	17°35	21°51	T 26
W27	4 22 38	4°31'26	3♈39	21°33	17°48	19°23	9° 9	12°53	21° 7	16°59	11°54	8°55	8°23	17°41	21°58	W27
T 28	4 26 34	5°32'12	15°39	23° 6	18°48	20° 5	9° 8	13° 0	21°11	16°58	11°53	8°51	8°19	17°48	22° 5	T 28
F 29	4 30 31	6°32'59	27°53	24°39	19°48	20°47	9° 8	13° 7	21°14	16°56	11°52	8°44	8°16	17°55	22°13	F 29
S 30	4 34 27	7♐33'46	10♉22	26♏12	20♎48	21♏28	9♌ 7	13♏13	21♏18	16♊54	11♊50	8♓34	8♓13	18♓ 1	22♎20	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	14s18	10n38	3n 9	9s 5	1n 5	0n45	1s 2	11s39	0n25	18n38	0n25	12s43	2n10	17s20	0n18	21n24	1s29	11n37	10s46	7s16	7s55	5s34	8s33	1s24
S 2	14 37	15 52	3 56	8 41	1 20	0 38	0 53	11 53	0 25	18 37	0 25	12 45	2 10	17 21	0 18	21 24	1 29	11 37	10 46	7 19	7 56	5 31	8 36	1 24
S 3	14 56	20 32	4 32	8 23	1 34	0 30	0 43	12 8	0 24	18 36	0 25	12 47	2 10	17 22	0 18	21 24	1 29	11 37	10 46	7 23	7 57	5 27	8 39	1 23
M 4	15 15	24 21	4 55	8 10	1 45	0 22	0 34	12 22	0 23	18 35	0 25	12 49	2 10	17 23	0 18	21 24	1 29	11 36	10 46	7 27	7 59	5 24	8 42	1 23
T 5	15 33	27 0	5 4	8 4	1 54	0 13	0 25	12 36	0 23	18 34	0 25	12 52	2 10	17 24	0 17	21 24	1 29	11 36	10 46	7 32	8 0	5 21	8 45	1 23
W 6	15 51	28 13	4 56	8 3	2 2	0 3	0 17	12 50	0 22	18 33	0 26	12 54	2 10	17 25	0 17	21 23	1 29	11 36	10 46	7 35	8 1	5 17	8 48	1 23
T 7	16 9	27 49	4 33	8 7	2 8	0s 7	0 9	13 4	0 22	18 33	0 26	12 56	2 10	17 26	0 17	21 23	1 29	11 36	10 46	7 38	8 2	5 14	8 51	1 22
F 8	16 27	25 47	3 54	8 16	2 13	0 18	0 0	13 18	0 21	18 32	0 26	12 58	2 10	17 27	0 17	21 23	1 29	11 36	10 46	7 40	8 3	5 10	8 54	1 22
S 9	16 44	22 12	3 1	8 29	2 16	0 30	0n 7	13 32	0 21	18 31	0 26	13 1	2 10	17 28	0 17	21 23	1 29	11 35	10 46	7 41	8 5	5 7	8 57	1 22
S 10	17 2	17 21	1 57	8 45	2 18	0 42	0 15	13 46	0 20	18 31	0 26	13 3	2 10	17 29	0 17	21 23	1 29	11 35	10 46	7 42	8 6	5 4	9 0	1 22
M11	17 18	11 30	0 45	9 5	2 18	0 54	0 23	14 0	0 20	18 30	0 26	13 5	2 10	17 30	0 17	21 23	1 29	11 35	10 46	7 41	8 7	5 0	9 3	1 22
T 12	17 35	5 0	0s31	9 28	2 18	1 8	0 30	14 14	0 19	18 29	0 27	13 7	2 10	17 31	0 17	21 23	1 29	11 35	10 46	7 41	8 8	4 57	9 5	1 21
W13	17 51	1s49	1 45	9 53	2 16	1 21	0 37	14 27	0 19	18 29	0 27	13 9	2 10	17 32	0 17	21 22	1 29	11 35	10 47	7 42	8 9	4 53	9 8	1 21
T 14	18 7	8 34	2 53	10 20	2 14	1 35	0 44	14 41	0 18	18 29	0 27	13 12	2 10	17 33	0 17	21 22	1 29	11 34	10 47	7 44	8 11	4 50	9 11	1 21
F 15	18 23	14 53	3 49	10 49	2 11	1 50	0 50	14 54	0 17	18 28	0 27	13 14	2 10	17 34	0 17	21 22	1 29	11 34	10 47	7 46	8 12	4 47	9 14	1 21
S 16	18 38	20 20	4 31	11 18	2 7	2 5	0 56	15 7	0 17	18 28	0 27	13 16	2 10	17 35	0 17	21 22	1 29	11 34	10 47	7 50	8 13	4 43	9 17	1 20
S 17	18 53	24 33	4 55	11 49	2 3	2 20	1 3	15 20	0 16	18 27	0 28	13 18	2 10	17 36	0 17	21 22	1 29	11 34	10 47	7 54	8 14	4 40	9 19	1 20
M18	19 8	27 13	5 1	12 21	1 58	2 36	1 9	15 33	0 16	18 27	0 28	13 20	2 10	17 37	0 17	21 22	1 29	11 34	10 47	7 59	8 15	4 37	9 22	1 20
T 19	19 22	28 12	4 49	12 53	1 53	2 53	1 14	15 46	0 15	18 27	0 28	13 22	2 10	17 38	0 17	21 21	1 29	11 34	10 47	8 3	8 17	4 33	9 25	1 20
W20	19 36	27 31	4 22	13 25	1 47	3 9	1 20	15 59	0 15	18 27	0 28	13 24	2 10	17 39	0 17	21 21	1 29	11 33	10 47	8 7	8 18	4 30	9 28	1 20
T 21	19 50	25 23	3 43	13 58	1 42	3 26	1 25	16 12	0 14	18 27	0 28	13 27	2 10	17 40	0 17	21 21	1 29	11 33	10 47	8 10	8 19	4 26	9 30	1 19
F 22	20 3	22 3	2 54	14 31	1 35	3 44	1 30	16 24	0 14	18 27	0 29	13 29	2 10	17 41	0 17	21 21	1 29	11 33	10 47	8 12	8 20	4 23	9 33	1 19
S 23	20 16	17 51	1 57	15 3	1 29	4 1	1 35	16 37	0 13	18 27	0 29	13 31	2 10	17 42	0 17	21 21	1 29	11 33	10 47	8 13	8 21	4 20	9 36	1 19
S 24	20 28	13 0	0 57	15 35	1 23	4 19	1 40	16 49	0 12	18 27	0 29	13 33	2 10	17 43	0 17	21 21	1 29	11 33	10 47	8 13	8 22	4 16	9 38	1 19
M25	20 40	7 44	0n 6	16 7	1 16	4 37	1 45	17 1	0 12	18 27	0 29	13 35	2 10	17 44	0 17	21 20	1 29	11 33	10 47	8 13	8 24	4 13	9 41	1 18
T 26	20 52	2 13	1 7	16 39	1 9	4 56	1 49	17 13	0 11	18 27	0 29	13 37	2 10	17 45	0 17	21 20	1 29	11 33	10 47	8 13	8 25	4 9	9 44	1 18
W27	21 4	3n24	2 7	17 10	1 2	5 14	1 53	17 25	0 11	18 27	0 30	13 39	2 10	17 46	0 17	21 20	1 29	11 32	10 47	8 14	8 26	4 6	9 46	1 18
T 28	21 14	8 57	3 1	17 40	0 55	5 33	1 57	17 37	0 10	18 28	0 30	13 41	2 10	17 47	0 17	21 20	1 29	11 32	10 47	8 15	8 27	4 3	9 49	1 18
F 29	21 25	14 16	3 48	18 10	0 48	5 53	2 1	17 48	0 9	18 28	0 30	13 43	2 10	17 48	0 17	21 20	1 29	11 32	10 47	8 18	8 28	3 59	9 51	1 18
S 30	21s35	19n 8	4n25	18s39	0n41	6s12	2n 5	18s 0	0n 9	18n29	0n30	13s45	2n10	17s49	0n17	21n20	1s29	11n32	10s47	8s22	8s30	3s56	9s54	1s17

Julian Day Number = 2413498.5, Delta T = -4.92 sec
Ecliptic obliquity = 23°27'19, Nutation = 0°00'04, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°17'08, Lahiri = 22°24'08

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ASTRODIENST EPHEMERIS for the year 1895
geocentric

DECEMBER 1895 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	4 38 24	8♐34'35	23♉ 8	27♏45	21♎49	22♏10	9°R 6	13♏20	21♏21	16°R53	11°R49	8°R21	8♓10	18♓ 8	22♎27	S 1
M 2	4 42 20	9°35'25	6♊12	29°18	22°51	22°52	9♌ 5	13°27	21°25	16♊51	11♊48	8♓ 8	8° 7	18°15	22°34	M 2
T 3	4 46 17	10°36'16	19°33	0♐52	23°53	23°34	9° 4	13°34	21°29	16°49	11°47	7°54	8° 4	18°21	22°41	T 3
W 4	4 50 14	11°37'09	3♋ 7	2°25	24°55	24°15	9° 2	13°40	21°32	16°47	11°46	7°42	8° 0	18°28	22°48	W 4
T 5	4 54 10	12°38'02	16°53	3°59	25°58	24°57	9° 0	13°47	21°36	16°46	11°45	7°32	7°57	18°35	22°55	T 5
F 6	4 58 7	13°38'57	0♌46	5°32	27° 1	25°39	8°58	13°54	21°39	16°44	11°43	7°26	7°54	18°41	23° 2	F 6
S 7	5 2 3	14°39'52	14°44	7° 6	28° 4	26°21	8°56	14° 0	21°43	16°42	11°42	7°22	7°51	18°48	23° 8	S 7
S 8	5 6 0	15°40'49	28°45	8°39	29° 8	27° 3	8°54	14° 7	21°46	16°41	11°41	7°20	7°48	18°54	23°15	S 8
M 9	5 9 56	16°41'48	12♍48	10°13	0♏12	27°45	8°51	14°13	21°50	16°39	11°40	7°20	7°44	19° 1	23°21	M 9
T 10	5 13 53	17°42'47	26°53	11°47	1°17	28°27	8°49	14°20	21°53	16°37	11°39	7°20	7°41	19° 8	23°28	T 10
W11	5 17 49	18°43'47	10♎59	13°21	2°21	29° 9	8°46	14°26	21°57	16°36	11°38	7°18	7°38	19°14	23°34	W11
T 12	5 21 46	19°44'49	25° 4	14°54	3°26	29°52	8°43	14°32	22° 0	16°34	11°37	7°14	7°35	19°21	23°41	T 12
F 13	5 25 43	20°45'52	9♏ 7	16°28	4°32	0♐34	8°40	14°39	22° 4	16°32	11°35	7° 7	7°32	19°28	23°47	F 13
S 14	5 29 39	21°46'55	23° 4	18° 2	5°37	1°16	8°36	14°45	22° 7	16°31	11°34	6°58	7°29	19°34	23°53	S 14
S 15	5 33 36	22°48'00	6♐52	19°36	6°43	1°58	8°32	14°51	22°10	16°29	11°33	6°46	7°25	19°41	23°59	S 15
M16	5 37 32	23°49'06	20°28	21°11	7°49	2°41	8°29	14°57	22°14	16°27	11°32	6°33	7°22	19°48	24° 5	M16
T 17	5 41 29	24°50'12	3♑47	22°45	8°55	3°23	8°25	15° 3	22°17	16°25	11°31	6°21	7°19	19°54	24°11	T 17
W18	5 45 25	25°51'18	16°47	24°20	10° 2	4° 6	8°20	15°10	22°20	16°24	11°30	6°10	7°16	20° 1	24°17	W18
T 19	5 49 22	26°52'26	29°29	25°54	11° 9	4°48	8°16	15°16	22°23	16°22	11°29	6° 2	7°13	20° 8	24°23	T 19
F 20	5 53 18	27°53'33	11♒52	27°29	12°16	5°30	8°11	15°22	22°27	16°20	11°28	5°57	7°10	20°14	24°29	F 20
S 21	5 57 15	28°54'41	24° 0	29° 4	13°23	6°13	8° 7	15°27	22°30	16°19	11°27	5°54	7° 6	20°21	24°34	S 21
S 22	6 1 12	29°55'49	5♓57	0♑39	14°30	6°56	8° 2	15°33	22°33	16°17	11°25	5°D53	7° 3	20°28	24°40	S 22
M23	6 5 8	0♑56'57	17°46	2°15	15°38	7°38	7°57	15°39	22°36	16°16	11°24	5°53	7° 0	20°34	24°45	M23
T 24	6 9 5	1°58'05	29°34	3°51	16°46	8°21	7°52	15°45	22°39	16°14	11°23	5°R54	6°57	20°41	24°51	T 24
W25	6 13 1	2°59'13	11♈25	5°27	17°54	9° 4	7°46	15°50	22°42	16°12	11°22	5°54	6°54	20°47	24°56	W25
T 26	6 16 58	4° 0'21	23°25	7° 3	19° 2	9°46	7°41	15°56	22°45	16°11	11°21	5°51	6°50	20°54	25° 1	T 26
F 27	6 20 54	5° 1'30	5♉40	8°39	20°11	10°29	7°35	16° 2	22°48	16° 9	11°20	5°47	6°47	21° 1	25° 6	F 27
S 28	6 24 51	6° 2'38	18°13	10°16	21°19	11°12	7°29	16° 7	22°51	16° 7	11°19	5°40	6°44	21° 7	25°11	S 28
S 29	6 28 47	7° 3'46	1♊ 8	11°53	22°28	11°55	7°23	16°13	22°54	16° 6	11°18	5°31	6°41	21°14	25°16	S 29
M30	6 32 44	8° 4'55	14°25	13°30	23°37	12°38	7°17	16°18	22°57	16° 4	11°17	5°21	6°38	21°21	25°21	M30
T 31	6 36 41	9♑ 6'03	28♊ 4	15♑ 8	24♏46	13♐21	7♌11	16♏23	23♏ 0	16♊ 3	11♊16	5♓11	6♓35	21♓27	25♎25	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	21s45	23n14	4n50	19s 7	0n34	6s32	2n 8	18s11	0n 8	18n29	0n31	13s47	2n10	17s50	0n17	21n20	1s29	11n32	10s47	8s27	8s31	3s52	9s56	1s17
M 2	21 54	26 17	5 0	19 35	0 27	6 51	2 12	18 23	0 8	18 29	0 31	13 49	2 10	17 51	0 17	21 19	1 29	11 32	10 47	8 32	8 32	3 49	9 59	1 17
T 3	22 3	27 55	4 54	20 1	0 20	7 11	2 15	18 34	0 7	18 30	0 31	13 51	2 10	17 52	0 17	21 19	1 29	11 32	10 47	8 37	8 33	3 46	10 1	1 17
W 4	22 12	27 56	4 31	20 27	0 13	7 31	2 18	18 45	0 7	18 31	0 31	13 53	2 11	17 53	0 17	21 19	1 29	11 32	10 47	8 41	8 34	3 42	10 3	1 17
T 5	22 20	26 14	3 53	20 52	0 6	7 51	2 20	18 55	0 6	18 31	0 31	13 54	2 11	17 54	0 17	21 19	1 29	11 31	10 47	8 45	8 36	3 39	10 6	1 16
F 6	22 27	22 56	3 0	21 16	0s 1	8 11	2 23	19 6	0 5	18 32	0 32	13 56	2 11	17 55	0 17	21 19	1 29	11 31	10 47	8 47	8 37	3 35	10 8	1 16
S 7	22 34	18 17	1 57	21 39	0 8	8 32	2 25	19 16	0 5	18 33	0 32	13 58	2 11	17 56	0 17	21 19	1 29	11 31	10 47	8 49	8 38	3 32	10 10	1 16
S 8	22 41	12 38	0 45	22 0	0 15	8 52	2 28	19 27	0 4	18 34	0 32	14 0	2 11	17 57	0 17	21 18	1 29	11 31	10 46	8 49	8 39	3 29	10 13	1 16
M 9	22 47	6 19	0s29	22 21	0 22	9 13	2 30	19 37	0 4	18 34	0 32	14 2	2 11	17 57	0 17	21 18	1 29	11 31	10 46	8 49	8 40	3 25	10 15	1 15
T 10	22 53	0s19	1 42	22 41	0 28	9 33	2 32	19 47	0 3	18 35	0 32	14 4	2 11	17 58	0 17	21 18	1 29	11 31	10 46	8 49	8 41	3 22	10 17	1 15
W11	22 59	6 55	2 48	22 59	0 35	9 54	2 34	19 57	0 2	18 36	0 33	14 5	2 11	17 59	0 17	21 18	1 29	11 31	10 46	8 50	8 43	3 18	10 19	1 15
T 12	23 4	13 11	3 44	23 17	0 41	10 14	2 35	20 6	0 2	18 37	0 33	14 7	2 11	18 0	0 17	21 18	1 29	11 31	10 46	8 51	8 44	3 15	10 21	1 15
F 13	23 8	18 45	4 26	23 33	0 47	10 35	2 37	20 16	0 1	18 38	0 33	14 9	2 11	18 1	0 17	21 18	1 29	11 31	10 46	8 54	8 45	3 12	10 24	1 15
S 14	23 12	23 16	4 52	23 48	0 53	10 55	2 38	20 25	0 0	18 39	0 33	14 11	2 11	18 2	0 17	21 17	1 29	11 31	10 46	8 58	8 46	3 8	10 26	1 14
S 15	23 16	26 25	5 1	24 2	0 59	11 15	2 39	20 34	0s 0	18 41	0 33	14 12	2 12	18 3	0 17	21 17	1 29	11 31	10 46	9 2	8 47	3 5	10 28	1 14
M16	23 19	27 58	4 52	24 14	1 5	11 36	2 40	20 43	0 1	18 42	0 34	14 14	2 12	18 4	0 17	21 17	1 29	11 31	10 46	9 7	8 49	3 1	10 30	1 14
T 17	23 21	27 52	4 28	24 26	1 10	11 56	2 41	20 52	0 1	18 43	0 34	14 16	2 12	18 4	0 17	21 17	1 29	11 31	10 46	9 11	8 50	2 58	10 32	1 14
W18	23 23	26 12	3 50	24 36	1 16	12 16	2 42	21 1	0 2	18 44	0 34	14 17	2 12	18 5	0 17	21 17	1 29	11 31	10 46	9 15	8 51	2 55	10 34	1 14
T 19	23 25	23 13	3 1	24 44	1 21	12 36	2 43	21 9	0 3	18 46	0 34	14 19	2 12	18 6	0 17	21 17	1 29	11 30	10 46	9 18	8 52	2 51	10 36	1 13
F 20	23 26	19 14	2 4	24 52	1 26	12 56	2 43	21 17	0 3	18 47	0 34	14 21	2 12	18 7	0 17	21 16	1 29	11 30	10 45	9 20	8 53	2 48	10 38	1 13
S 21	23 27	14 31	1 3	24 58	1 31	13 16	2 44	21 26	0 4	18 48	0 35	14 22	2 12	18 8	0 17	21 16	1 29	11 30	10 45	9 21	8 54	2 44	10 40	1 13
S 22	23 27	9 20	0n 0	25 3	1 35	13 36	2 44	21 33	0 5	18 50	0 35	14 24	2 12	18 9	0 17	21 16	1 29	11 30	10 45	9 22	8 56	2 41	10 41	1 13
M23	23 27	3 52	1 3	25 6	1 40	13 55	2 44	21 41	0 5	18 51	0 35	14 25	2 12	18 9	0 17	21 16	1 29	11 30	10 45	9 21	8 57	2 38	10 43	1 13
T 24	23 26	1n42	2 3	25 8	1 44	14 14	2 44	21 49	0 6	18 53	0 35	14 27	2 13	18 10	0 17	21 16	1 29	11 30	10 45	9 21	8 58	2 34	10 45	1 13
W25	23 25	7 15	2 58	25 8	1 48	14 33	2 44	21 56	0 7	18 55	0 35	14 28	2 13	18 11	0 17	21 16	1 29	11 30	10 45	9 21	8 59	2 31	10 47	1 12
T 26	23 24	12 36	3 46	25 7	1 51	14 52	2 43	22 3	0 7	18 56	0 36	14 30	2 13	18 12	0 17	21 16	1 29	11 30	10 45	9 22	9 0	2 27	10 49	1 12
F 27	23 22	17 34	4 24	25 4	1 54	15 11	2 43	22 10	0 8	18 58	0 36	14 31	2 13	18 12	0 17	21 15	1 29	11 30	10 45	9 24	9 2	2 24	10 50	1 12
S 28	23 19	21 55	4 51	25 0	1 57	15 29	2 42	22 17	0 9	18 59	0 36	14 33	2 13	18 13	0 17	21 15	1 29	11 30	10 45	9 26	9 3	2 21	10 52	1 12
S 29	23 16	25 21	5 4	24 55	2 0	15 47	2 42	22 23	0 9	19 1	0 36	14 34	2 13	18 14	0 17	21 15	1 29	11 30	10 44	9 30	9 4	2 17	10 53	1 12
M30	23 12	27 32	5 1	24 48	2 2	16 5	2 41	22 29	0 10	19 3	0 36	14 36	2 13	18 15	0 17	21 15	1 29	11 30	10 44	9 33	9 5	2 14	10 55	1 11
T 31	23s 9	28n 8	4n41	24s39	2s 4	16s23	2n40	22s35	0s10	19n 5	0n37	14s37	2n14	18s15	0n17	21n15	1s29	11n30	10s44	9s37	9s 6	2s10	10s57	1s11

Julian Day Number = 2413528.5, Delta T = -4.90 sec
Ecliptic obliquity = 23°27'18, Nutation = 0°00'05, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°17'12, Lahiri = 22°24'13

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1896
geocentric

JANUARY 1896 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	6 40 37	10♑ 7'12	12♋ 1	16♑46	25♏55	14♐ 3	7°R 5	16♏28	23♏ 3	16°R 1	11°R15	5°R 2	6♓31	21♓34	25♎30	W 1
T 2	6 44 34	11° 8'20	26°13	18°24	27° 4	14°46	6♌58	16°34	23° 6	16♊ 0	11♊14	4♓54	6°28	21°41	25°34	T 2
F 3	6 48 30	12° 9'29	10♌34	20° 2	28°14	15°30	6°51	16°39	23° 9	15°58	11°13	4°49	6°25	21°47	25°39	F 3
S 4	6 52 27	13°10'38	24°58	21°40	29°24	16°13	6°45	16°44	23°11	15°57	11°12	4°47	6°22	21°54	25°43	S 4
S 5	6 56 23	14°11'46	9♍22	23°19	0♐33	16°56	6°38	16°49	23°14	15°55	11°11	4°D46	6°19	22° 1	25°47	S 5
M 6	7 0 20	15°12'55	23°40	24°58	1°43	17°39	6°31	16°54	23°17	15°54	11°10	4°47	6°16	22° 7	25°51	M 6
T 7	7 4 17	16°14'04	7♎51	26°37	2°53	18°22	6°24	16°58	23°19	15°52	11° 9	4°48	6°12	22°14	25°55	T 7
W 8	7 8 13	17°15'13	21°54	28°16	4° 4	19° 5	6°17	17° 3	23°22	15°51	11° 8	4°R49	6° 9	22°21	25°59	W 8
T 9	7 12 10	18°16'22	5♏47	29°55	5°14	19°49	6° 9	17° 8	23°25	15°50	11° 8	4°47	6° 6	22°27	26° 3	T 9
F 10	7 16 6	19°17'32	19°30	1♒33	6°24	20°32	6° 2	17°12	23°27	15°48	11° 7	4°43	6° 3	22°34	26° 7	F 10
S 11	7 20 3	20°18'41	3♐ 3	3°12	7°35	21°15	5°54	17°17	23°29	15°47	11° 6	4°38	6° 0	22°41	26°10	S 11
S 12	7 23 59	21°19'50	16°25	4°50	8°46	21°59	5°47	17°21	23°32	15°46	11° 5	4°31	5°57	22°47	26°13	S 12
M13	7 27 56	22°20'59	29°34	6°27	9°56	22°42	5°39	17°26	23°34	15°44	11° 4	4°23	5°53	22°54	26°17	M13
T 14	7 31 52	23°22'08	12♑30	8° 4	11° 7	23°26	5°32	17°30	23°37	15°43	11° 3	4°15	5°50	23° 1	26°20	T 14
W15	7 35 49	24°23'16	25°12	9°39	12°18	24° 9	5°24	17°34	23°39	15°42	11° 3	4° 9	5°47	23° 7	26°23	W15
T 16	7 39 46	25°24'24	7♒40	11°13	13°29	24°53	5°16	17°38	23°41	15°41	11° 2	4° 4	5°44	23°14	26°26	T 16
F 17	7 43 42	26°25'31	19°54	12°46	14°40	25°36	5° 8	17°42	23°43	15°39	11° 1	4° 1	5°41	23°20	26°29	F 17
S 18	7 47 39	27°26'38	1♓58	14°16	15°52	26°20	5° 0	17°46	23°45	15°38	11° 0	3°D59	5°37	23°27	26°32	S 18
S 19	7 51 35	28°27'43	13°52	15°44	17° 3	27° 4	4°52	17°50	23°48	15°37	11° 0	4° 0	5°34	23°34	26°34	S 19
M20	7 55 32	29°28'48	25°40	17° 8	18°14	27°48	4°44	17°54	23°50	15°36	10°59	4° 1	5°31	23°40	26°37	M20
T 21	7 59 28	0♒29'52	7♈28	18°29	19°26	28°31	4°36	17°57	23°52	15°35	10°58	4° 3	5°28	23°47	26°39	T 21
W22	8 3 25	1°30'55	19°18	19°46	20°37	29°15	4°28	18° 1	23°54	15°34	10°57	4° 5	5°25	23°54	26°41	W22
T 23	8 7 21	2°31'57	1♉17	20°58	21°49	29°59	4°20	18° 5	23°56	15°33	10°57	4°R 6	5°22	24° 0	26°44	T 23
F 24	8 11 18	3°32'58	13°30	22° 4	23° 1	0♑43	4°12	18° 8	23°57	15°32	10°56	4° 5	5°18	24° 7	26°46	F 24
S 25	8 15 15	4°33'58	26° 0	23° 3	24°12	1°27	4° 4	18°11	23°59	15°31	10°55	4° 3	5°15	24°14	26°48	S 25
S 26	8 19 11	5°34'57	8♊54	23°56	25°24	2°11	3°56	18°15	24° 1	15°30	10°55	4° 0	5°12	24°20	26°49	S 26
M27	8 23 8	6°35'54	22°12	24°40	26°36	2°54	3°48	18°18	24° 3	15°29	10°54	3°56	5° 9	24°27	26°51	M27
T 28	8 27 4	7°36'51	5♋56	25°14	27°48	3°38	3°40	18°21	24° 4	15°28	10°54	3°52	5° 6	24°34	26°53	T 28
W29	8 31 1	8°37'47	20° 5	25°40	29° 0	4°22	3°32	18°24	24° 6	15°27	10°53	3°48	5° 3	24°40	26°54	W29
T 30	8 34 57	9°38'41	4♌34	25°54	0♑12	5° 7	3°24	18°27	24° 8	15°26	10°53	3°45	4°59	24°47	26°55	T 30
F 31	8 38 54	10♒39'34	19♌18	25°R58	1♑24	5♑51	3♌16	18♏29	24♏ 9	15♊25	10♊52	3♓43	4♓56	24♓54	26♎57	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23s 4	26n58	4n 4	24s29	2s 6	16s40	2n39	22s41	0s11	19n 6	0n37	14s38	2n14	18s16	0n17	21n15	1s29	11n30	10s44	9s40	9s 7	2s 7	10s58	1s11
T 2	22 59	24 4	3 12	24 17	2 7	16 57	2 38	22 47	0 12	19 8	0 37	14 40	2 14	18 17	0 17	21 15	1 29	11 30	10 44	9 43	9 9	2 4	10 59	1 11
F 3	22 54	19 38	2 6	24 4	2 8	17 14	2 37	22 52	0 12	19 10	0 37	14 41	2 14	18 18	0 17	21 15	1 29	11 30	10 44	9 45	9 10	2 0	11 1	1 11
S 4	22 48	14 2	0 53	23 49	2 8	17 30	2 36	22 57	0 13	19 12	0 37	14 42	2 14	18 18	0 17	21 14	1 29	11 30	10 43	9 46	9 11	1 57	11 2	1 10
S 5	22 42	7 41	0s25	23 33	2 8	17 46	2 34	23 2	0 14	19 14	0 37	14 43	2 14	18 19	0 17	21 14	1 29	11 31	10 43	9 46	9 12	1 53	11 4	1 10
M 6	22 35	0 59	1 40	23 15	2 8	18 2	2 33	23 7	0 14	19 16	0 38	14 45	2 15	18 20	0 17	21 14	1 29	11 31	10 43	9 46	9 13	1 50	11 5	1 10
T 7	22 28	5s42	2 49	22 55	2 7	18 17	2 31	23 12	0 15	19 18	0 38	14 46	2 15	18 20	0 17	21 14	1 29	11 31	10 43	9 45	9 14	1 47	11 6	1 10
W 8	22 20	12 2	3 46	22 34	2 5	18 32	2 29	23 16	0 16	19 20	0 38	14 47	2 15	18 21	0 17	21 14	1 29	11 31	10 43	9 45	9 16	1 43	11 7	1 10
T 9	22 12	17 42	4 30	22 11	2 3	18 46	2 28	23 20	0 16	19 22	0 38	14 48	2 15	18 21	0 17	21 14	1 29	11 31	10 43	9 46	9 17	1 40	11 9	1 9
F 10	22 4	22 24	4 58	21 47	2 0	19 0	2 26	23 24	0 17	19 24	0 38	14 49	2 15	18 22	0 17	21 14	1 29	11 31	10 42	9 47	9 18	1 36	11 10	1 9
S 11	21 55	25 49	5 8	21 21	1 57	19 13	2 24	23 28	0 18	19 26	0 38	14 50	2 15	18 23	0 17	21 14	1 29	11 31	10 42	9 49	9 19	1 33	11 11	1 9
S 12	21 46	27 46	5 2	20 54	1 53	19 27	2 22	23 31	0 19	19 28	0 39	14 51	2 16	18 23	0 17	21 14	1 29	11 31	10 42	9 52	9 20	1 29	11 12	1 9
M13	21 36	28 7	4 40	20 26	1 49	19 39	2 20	23 34	0 19	19 30	0 39	14 52	2 16	18 24	0 17	21 13	1 29	11 31	10 42	9 55	9 21	1 26	11 13	1 9
T 14	21 26	26 54	4 3	19 56	1 44	19 51	2 17	23 37	0 20	19 32	0 39	14 53	2 16	18 24	0 17	21 13	1 28	11 31	10 42	9 57	9 23	1 23	11 14	1 8
W15	21 15	24 18	3 15	19 25	1 38	20 3	2 15	23 40	0 21	19 34	0 39	14 54	2 16	18 25	0 17	21 13	1 28	11 31	10 41	10 0	9 24	1 19	11 15	1 8
T 16	21 4	20 36	2 18	18 53	1 31	20 14	2 13	23 43	0 21	19 36	0 39	14 55	2 16	18 26	0 17	21 13	1 28	11 31	10 41	10 2	9 25	1 16	11 16	1 8
F 17	20 53	16 3	1 16	18 19	1 23	20 25	2 10	23 45	0 22	19 38	0 39	14 56	2 16	18 26	0 17	21 13	1 28	11 31	10 41	10 3	9 26	1 12	11 17	1 8
S 18	20 41	10 57	0 11	17 45	1 15	20 35	2 8	23 47	0 23	19 40	0 40	14 57	2 17	18 27	0 17	21 13	1 28	11 32	10 41	10 3	9 27	1 9	11 17	1 8
S 19	20 29	5 32	0n54	17 11	1 6	20 45	2 5	23 49	0 23	19 42	0 40	14 58	2 17	18 27	0 17	21 13	1 28	11 32	10 41	10 3	9 28	1 6	11 18	1 7
M20	20 16	0n 3	1 56	16 35	0 55	20 54	2 3	23 50	0 24	19 44	0 40	14 59	2 17	18 28	0 17	21 13	1 28	11 32	10 40	10 2	9 30	1 2	11 19	1 7
T 21	20 3	5 37	2 53	16 0	0 44	21 2	2 0	23 52	0 25	19 46	0 40	15 0	2 17	18 28	0 17	21 13	1 28	11 32	10 40	10 2	9 31	0 59	11 19	1 7
W22	19 50	11 0	3 43	15 25	0 32	21 10	1 57	23 53	0 25	19 48	0 40	15 1	2 17	18 29	0 17	21 13	1 28	11 32	10 40	10 1	9 32	0 55	11 20	1 7
T 23	19 36	16 3	4 24	14 50	0 20	21 18	1 55	23 53	0 26	19 50	0 40	15 1	2 18	18 29	0 17	21 13	1 28	11 32	10 40	10 1	9 33	0 52	11 21	1 6
F 24	19 22	20 34	4 54	14 15	0 6	21 25	1 52	23 54	0 27	19 52	0 40	15 2	2 18	18 30	0 17	21 13	1 28	11 32	10 40	10 1	9 34	0 49	11 21	1 6
S 25	19 8	24 18	5 11	13 42	0n 9	21 31	1 49	23 54	0 28	19 54	0 40	15 3	2 18	18 30	0 17	21 13	1 28	11 32	10 39	10 2	9 35	0 45	11 22	1 6
S 26	18 53	26 57	5 13	13 10	0 24	21 36	1 46	23 54	0 28	19 56	0 41	15 4	2 18	18 30	0 17	21 12	1 28	11 33	10 39	10 3	9 37	0 42	11 22	1 6
M27	18 38	28 11	4 58	12 41	0 40	21 42	1 43	23 54	0 29	19 58	0 41	15 4	2 18	18 31	0 17	21 12	1 28	11 33	10 39	10 4	9 38	0 38	11 23	1 6
T 28	18 23	27 45	4 26	12 13	0 57	21 46	1 40	23 54	0 30	20 0	0 41	15 5	2 19	18 31	0 17	21 12	1 28	11 33	10 39	10 6	9 39	0 35	11 23	1 5
W29	18 7	25 32	3 37	11 49	1 14	21 50	1 37	23 53	0 30	20 2	0 41	15 5	2 19	18 32	0 17	21 12	1 28	11 33	10 38	10 7	9 40	0 32	11 23	1 5
T 30	17 51	21 37	2 34	11 27	1 31	21 53	1 34	23 52	0 31	20 4	0 41	15 6	2 19	18 32	0 17	21 12	1 28	11 33	10 38	10 8	9 41	0 28	11 24	1 5
F 31	17s34	16n17	1n19	11s10	1n49	21s56	1n31	23s51	0s32	20n 6	0n41	15s 7	2n19	18s32	0n17	21n12	1s28	11n33	10s38	10s 9	9s42	0s25	11s24	1s 5

Julian Day Number = 2413559.5, Delta T = -4.88 sec
Ecliptic obliquity = 23°27'18, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°17'16, Lahiri = 22°24'17

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ASTRODIENST EPHEMERIS for the year 1896
geocentric

FEBRUARY 1896 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	8 42 50	11♒40'26	4♍ 9	25°R51	2♑36	6♑35	3°R 9	18♏32	24♏11	15°R24	10°R52	3°D42	4♓53	25♓ 0	26♎58	S 1
S 2	8 46 47	12°41'18	19° 0	25♒32	3°49	7°19	3♌ 1	18°35	24°12	15♊24	10♊51	3♓43	4°50	25° 7	26°59	S 2
M 3	8 50 44	13°42'08	3♎44	25° 3	5° 1	8° 3	2°53	18°37	24°13	15°23	10°51	3°44	4°47	25°14	27° 0	M 3
T 4	8 54 40	14°42'57	18°14	24°23	6°13	8°47	2°45	18°39	24°15	15°22	10°50	3°46	4°43	25°20	27° 0	T 4
W 5	8 58 37	15°43'46	2♏28	23°34	7°26	9°32	2°38	18°42	24°16	15°22	10°50	3°47	4°40	25°27	27° 1	W 5
T 6	9 2 33	16°44'33	16°24	22°37	8°38	10°16	2°30	18°44	24°17	15°21	10°49	3°R47	4°37	25°34	27° 2	T 6
F 7	9 6 30	17°45'20	0♐ 2	21°34	9°51	11° 0	2°22	18°46	24°18	15°20	10°49	3°47	4°34	25°40	27° 2	F 7
S 8	9 10 26	18°46'06	13°21	20°26	11° 3	11°45	2°15	18°48	24°19	15°20	10°49	3°46	4°31	25°47	27° 2	S 8
S 9	9 14 23	19°46'51	26°24	19°15	12°16	12°29	2° 8	18°50	24°21	15°19	10°48	3°44	4°28	25°54	27° 2	S 9
M10	9 18 19	20°47'35	9♑12	18° 4	13°28	13°14	2° 0	18°52	24°22	15°19	10°48	3°42	4°24	26° 0	27°R 2	M10
T 11	9 22 16	21°48'17	21°47	16°55	14°41	13°58	1°53	18°53	24°23	15°18	10°48	3°40	4°21	26° 7	27° 2	T 11
W12	9 26 13	22°48'58	4♒ 9	15°48	15°54	14°43	1°46	18°55	24°23	15°18	10°47	3°38	4°18	26°13	27° 2	W12
T 13	9 30 9	23°49'38	16°21	14°45	17° 6	15°27	1°39	18°56	24°24	15°17	10°47	3°37	4°15	26°20	27° 2	T 13
F 14	9 34 6	24°50'17	28°24	13°49	18°19	16°12	1°32	18°58	24°25	15°17	10°47	3°D37	4°12	26°27	27° 1	F 14
S 15	9 38 2	25°50'53	10♓20	12°58	19°32	16°56	1°25	18°59	24°26	15°17	10°47	3°37	4° 8	26°33	27° 1	S 15
S 16	9 41 59	26°51'29	22°11	12°15	20°45	17°41	1°19	19° 0	24°26	15°16	10°47	3°37	4° 5	26°40	27° 0	S 16
M17	9 45 55	27°52'02	3♈59	11°40	21°58	18°26	1°12	19° 1	24°27	15°16	10°46	3°38	4° 2	26°47	26°59	M17
T 18	9 49 52	28°52'34	15°47	11°12	23°11	19°10	1° 6	19° 2	24°28	15°16	10°46	3°39	3°59	26°53	26°58	T 18
W19	9 53 48	29°53'05	27°38	10°52	24°24	19°55	1° 0	19° 3	24°28	15°15	10°46	3°39	3°56	27° 0	26°57	W19
T 20	9 57 45	0♓53'33	9♉37	10°39	25°36	20°40	0°54	19° 4	24°29	15°15	10°46	3°39	3°53	27° 7	26°56	T 20
F 21	10 1 42	1°54'00	21°48	10°D34	26°49	21°25	0°48	19° 5	24°29	15°15	10°46	3°40	3°49	27°13	26°55	F 21
S 22	10 5 38	2°54'24	4♊14	10°35	28° 2	22° 9	0°42	19° 5	24°29	15°15	10°46	3°R40	3°46	27°20	26°53	S 22
S 23	10 9 35	3°54'47	17° 1	10°43	29°15	22°54	0°36	19° 6	24°30	15°15	10°46	3°D40	3°43	27°27	26°52	S 23
M24	10 13 31	4°55'08	0♋12	10°57	0♒29	23°39	0°31	19° 6	24°30	15°15	10°D46	3°40	3°40	27°33	26°50	M24
T 25	10 17 28	5°55'27	13°50	11°17	1°42	24°24	0°25	19° 6	24°30	15°D15	10°46	3°40	3°37	27°40	26°49	T 25
W26	10 21 24	6°55'44	27°55	11°43	2°55	25° 9	0°20	19° 6	24°30	15°15	10°46	3°40	3°34	27°47	26°47	W26
T 27	10 25 21	7°55'59	12♌26	12°13	4° 8	25°54	0°15	19°R 6	24°30	15°15	10°46	3°40	3°30	27°53	26°45	T 27
F 28	10 29 17	8°56'12	27°17	12°48	5°21	26°39	0°10	19° 6	24°R30	15°15	10°46	3°R41	3°27	28° 0	26°43	F 28
S 29	10 33 14	9♓56'23	12♍23	13♒27	6♒34	27♑24	0♌ 5	19♏ 6	24♏30	15♊15	10♊46	3♓41	3♓24	28♓ 7	26♎41	S 29

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17s18	9n57	0s 2	10s56	2n 6	21s58	1n28	23s50	0s32	20n 8	0n41	15s 7	2n19	18s33	0n17	21n12	1s28	11n34	10s38	10s 9	9s44	0s21	11s24	1s 5
S 2	17 1	3 4	1 23	10 46	2 23	22 0	1 24	23 48	0 33	20 10	0 41	15 8	2 20	18 33	0 17	21 12	1 28	11 34	10 37	10 9	9 45	0 18	11 24	1 4
M 3	16 43	3s54	2 38	10 41	2 39	22 0	1 21	23 46	0 34	20 12	0 41	15 8	2 20	18 33	0 17	21 12	1 28	11 34	10 37	10 9	9 46	0 15	11 24	1 4
T 4	16 26	10 34	3 42	10 40	2 53	22 1	1 18	23 44	0 35	20 14	0 42	15 9	2 20	18 34	0 17	21 12	1 28	11 34	10 37	10 8	9 47	0 11	11 24	1 4
W 5	16 8	16 34	4 30	10 44	3 7	22 0	1 15	23 42	0 35	20 16	0 42	15 9	2 20	18 34	0 17	21 12	1 27	11 34	10 37	10 8	9 48	0 8	11 24	1 4
T 6	15 50	21 34	5 2	10 52	3 18	21 59	1 11	23 39	0 36	20 18	0 42	15 9	2 20	18 34	0 17	21 12	1 27	11 34	10 36	10 8	9 49	0 4	11 24	1 3
F 7	15 31	25 18	5 16	11 3	3 28	21 57	1 8	23 37	0 37	20 19	0 42	15 10	2 21	18 35	0 17	21 12	1 27	11 35	10 36	10 8	9 51	0 1	11 24	1 3
S 8	15 13	27 34	5 12	11 17	3 35	21 55	1 5	23 33	0 37	20 21	0 42	15 10	2 21	18 35	0 17	21 12	1 27	11 35	10 36	10 8	9 52	0n 2	11 24	1 3
S 9	14 54	28 16	4 52	11 35	3 40	21 52	1 2	23 30	0 38	20 23	0 42	15 10	2 21	18 35	0 17	21 12	1 27	11 35	10 36	10 9	9 53	0 6	11 24	1 3
M10	14 34	27 25	4 18	11 54	3 42	21 48	0 58	23 27	0 39	20 25	0 42	15 11	2 21	18 35	0 17	21 12	1 27	11 35	10 35	10 9	9 54	0 9	11 24	1 2
T 11	14 15	25 10	3 32	12 15	3 42	21 44	0 55	23 23	0 40	20 26	0 42	15 11	2 22	18 36	0 17	21 12	1 27	11 36	10 35	10 10	9 55	0 13	11 24	1 2
W12	13 55	21 46	2 36	12 37	3 40	21 39	0 52	23 19	0 40	20 28	0 42	15 11	2 22	18 36	0 17	21 12	1 27	11 36	10 35	10 11	9 56	0 16	11 23	1 2
T 13	13 35	17 27	1 34	12 59	3 35	21 34	0 48	23 14	0 41	20 29	0 42	15 11	2 22	18 36	0 18	21 12	1 27	11 36	10 35	10 11	9 58	0 19	11 23	1 2
F 14	13 15	12 29	0 29	13 21	3 29	21 28	0 45	23 10	0 42	20 31	0 42	15 12	2 22	18 36	0 18	21 12	1 27	11 36	10 34	10 11	9 59	0 23	11 22	1 2
S 15	12 55	7 7	0n37	13 43	3 21	21 21	0 41	23 5	0 43	20 33	0 42	15 12	2 22	18 36	0 18	21 12	1 27	11 36	10 34	10 11	10 0	0 26	11 22	1 1
S 16	12 34	1 33	1 41	14 3	3 12	21 14	0 38	23 0	0 43	20 34	0 42	15 12	2 23	18 37	0 18	21 12	1 27	11 37	10 34	10 11	10 1	0 30	11 22	1 1
M17	12 13	4n 3	2 41	14 23	3 2	21 5	0 35	22 55	0 44	20 36	0 42	15 12	2 23	18 37	0 18	21 12	1 27	11 37	10 34	10 11	10 2	0 33	11 21	1 1
T 18	11 52	9 30	3 34	14 42	2 50	20 57	0 31	22 49	0 45	20 37	0 42	15 12	2 23	18 37	0 18	21 12	1 27	11 37	10 33	10 11	10 3	0 36	11 20	1 1
W19	11 31	14 38	4 17	14 59	2 38	20 48	0 28	22 43	0 45	20 39	0 43	15 12	2 23	18 37	0 18	21 12	1 27	11 37	10 33	10 10	10 4	0 40	11 20	1 0
T 20	11 10	19 17	4 50	15 14	2 26	20 38	0 25	22 37	0 46	20 40	0 43	15 12	2 23	18 37	0 18	21 12	1 27	11 38	10 33	10 10	10 6	0 43	11 19	1 0
F 21	10 48	23 14	5 11	15 28	2 13	20 27	0 21	22 31	0 47	20 41	0 43	15 12	2 24	18 37	0 18	21 12	1 27	11 38	10 33	10 10	10 7	0 46	11 19	1 0
S 22	10 27	26 13	5 18	15 40	2 0	20 16	0 18	22 25	0 48	20 43	0 43	15 12	2 24	18 37	0 18	21 12	1 27	11 38	10 32	10 10	10 8	0 50	11 18	1 0
S 23	10 5	27 57	5 9	15 50	1 47	20 5	0 15	22 18	0 48	20 44	0 43	15 12	2 24	18 37	0 18	21 12	1 26	11 38	10 32	10 10	10 9	0 53	11 17	0 59
M24	9 43	28 12	4 45	15 59	1 34	19 52	0 12	22 11	0 49	20 45	0 43	15 12	2 24	18 37	0 18	21 12	1 26	11 39	10 32	10 10	10 10	0 57	11 16	0 59
T 25	9 21	26 46	4 3	16 6	1 21	19 40	0 8	22 4	0 50	20 46	0 43	15 11	2 25	18 37	0 18	21 12	1 26	11 39	10 32	10 10	10 11	1 0	11 15	0 59
W26	8 58	23 38	3 6	16 12	1 8	19 26	0 5	21 57	0 50	20 47	0 43	15 11	2 25	18 37	0 18	21 13	1 26	11 39	10 31	10 10	10 13	1 3	11 14	0 58
T 27	8 36	18 56	1 55	16 15	0 56	19 12	0 2	21 49	0 51	20 48	0 43	15 11	2 25	18 37	0 18	21 13	1 26	11 39	10 31	10 10	10 14	1 7	11 13	0 58
F 28	8 13	12 59	0 35	16 17	0 43	18 58	0s 1	21 41	0 52	20 50	0 43	15 11	2 25	18 37	0 18	21 13	1 26	11 40	10 31	10 10	10 15	1 10	11 12	0 58
S 29	7s51	6n11	0s48	16s18	0n31	18s43	0s 4	21s33	0s53	20n51	0n43	15s11	2n25	18s37	0n18	21n13	1s26	11n40	10s30	10s10	10s16	1n14	11s11	0s58

Julian Day Number = 2413590.5, Delta T = -4.86 sec
Ecliptic obliquity = 23°27'18, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°17'21, Lahiri = 22°24'21

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ASTRODIENST EPHEMERIS for the year 1896
geocentric

MARCH 1896 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	10 37 11	10♓56'32	27♍34	14♒10	7♒47	28♉ 9	0°R 1	19°R 6	24°R30	15♊15	10♊46	3°R40	3♓21	28♓13	26°R39	S 1
M 2	10 41 7	11°56'40	12♎41	14°57	9° 0	28°54	29♋56	19♏ 6	24♏30	15°16	10°47	3♓40	3°18	28°20	26♎36	M 2
T 3	10 45 4	12°56'46	27°34	15°48	10°14	29°39	29°52	19° 5	24°30	15°16	10°47	3°38	3°14	28°27	26°34	T 3
W 4	10 49 0	13°56'50	12♏ 7	16°41	11°27	0♒24	29°48	19° 4	24°30	15°16	10°47	3°37	3°11	28°33	26°31	W 4
T 5	10 52 57	14°56'53	26°17	17°38	12°40	1° 9	29°44	19° 4	24°29	15°16	10°47	3°36	3° 8	28°40	26°29	T 5
F 6	10 56 53	15°56'54	10♐ 0	18°37	13°53	1°54	29°40	19° 3	24°29	15°17	10°47	3°D36	3° 5	28°47	26°26	F 6
S 7	11 0 50	16°56'54	23°19	19°39	15° 7	2°40	29°37	19° 2	24°28	15°17	10°48	3°36	3° 2	28°53	26°23	S 7
S 8	11 4 46	17°56'52	6♑16	20°44	16°20	3°25	29°33	19° 1	24°28	15°18	10°48	3°36	2°59	29° 0	26°20	S 8
M 9	11 8 43	18°56'49	18°52	21°51	17°33	4°10	29°30	19° 0	24°27	15°18	10°48	3°38	2°55	29° 7	26°17	M 9
T 10	11 12 40	19°56'43	1♒13	23° 0	18°47	4°55	29°27	18°59	24°27	15°18	10°49	3°39	2°52	29°13	26°14	T 10
W11	11 16 36	20°56'36	13°22	24°11	20° 0	5°41	29°25	18°58	24°26	15°19	10°49	3°40	2°49	29°20	26°11	W11
T 12	11 20 33	21°56'27	25°21	25°24	21°13	6°26	29°22	18°56	24°26	15°19	10°49	3°41	2°46	29°27	26° 8	T 12
F 13	11 24 29	22°56'16	7♓15	26°39	22°27	7°11	29°20	18°55	24°25	15°20	10°50	3°R41	2°43	29°33	26° 4	F 13
S 14	11 28 26	23°56'04	19° 4	27°56	23°40	7°57	29°17	18°53	24°24	15°21	10°50	3°41	2°40	29°40	26° 1	S 14
S 15	11 32 22	24°55'49	0♈52	29°15	24°54	8°42	29°15	18°52	24°23	15°21	10°50	3°39	2°36	29°47	25°57	S 15
M16	11 36 19	25°55'32	12°41	0♓35	26° 7	9°27	29°13	18°50	24°22	15°22	10°51	3°36	2°33	29°53	25°54	M16
T 17	11 40 15	26°55'13	24°32	1°57	27°20	10°13	29°12	18°48	24°21	15°23	10°51	3°32	2°30	29°59	25°50	T 17
W18	11 44 12	27°54'52	6♉28	3°20	28°34	10°58	29°10	18°46	24°21	15°23	10°52	3°28	2°27	0♈ 7	25°46	W18
T 19	11 48 9	28°54'29	18°32	4°45	29°47	11°43	29° 9	18°44	24°19	15°24	10°52	3°24	2°24	0°13	25°43	T 19
F 20	11 52 5	29°54'04	0♊45	6°11	1♓ 1	12°29	29° 8	18°42	24°18	15°25	10°53	3°20	2°20	0°20	25°39	F 20
S 21	11 56 2	0♈53'37	13°12	7°39	2°14	13°14	29° 7	18°40	24°17	15°26	10°54	3°17	2°17	0°27	25°35	S 21
S 22	11 59 58	1°53'07	25°55	9° 9	3°28	14° 0	29° 7	18°37	24°16	15°27	10°54	3°16	2°14	0°33	25°31	S 22
M23	12 3 55	2°52'35	8♋59	10°39	4°41	14°45	29° 6	18°35	24°15	15°28	10°55	3°D16	2°11	0°40	25°27	M23
T 24	12 7 51	3°52'01	22°27	12°11	5°55	15°31	29° 6	18°32	24°14	15°29	10°55	3°17	2° 8	0°46	25°23	T 24
W25	12 11 48	4°51'24	6♌19	13°45	7° 8	16°16	29°D 6	18°30	24°12	15°30	10°56	3°19	2° 5	0°53	25°19	W25
T 26	12 15 44	5°50'45	20°38	15°20	8°21	17° 2	29° 6	18°27	24°11	15°31	10°57	3°20	2° 1	1° 0	25°14	T 26
F 27	12 19 41	6°50'03	5♍21	16°56	9°35	17°47	29° 6	18°25	24°10	15°32	10°57	3°R20	1°58	1° 6	25°10	F 27
S 28	12 23 38	7°49'19	20°23	18°34	10°48	18°33	29° 7	18°22	24° 8	15°33	10°58	3°19	1°55	1°13	25° 6	S 28
S 29	12 27 34	8°48'33	5♎37	20°13	12° 2	19°18	29° 7	18°19	24° 7	15°34	10°59	3°17	1°52	1°20	25° 1	S 29
M30	12 31 31	9°47'45	20°53	21°53	13°15	20° 4	29° 8	18°16	24° 5	15°35	10°59	3°12	1°49	1°26	24°57	M30
T 31	12 35 27	10♈46'55	5♏59	23♓35	14♓29	20♒49	29♋ 9	18♏13	24♏ 4	15♊36	11♊ 0	3♓ 7	1♓45	1♈33	24♎52	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7s28	1s 0	2s 9	16s16	0n20	18s27	0s 7	21s25	0s53	20n52	0n43	15s10	2n26	18s37	0n18	21n13	1s26	11n40	10s30	10s10	10s17	1n17	11s10	0s57
M 2	7 5	8 5	3 20	16 13	0 8	18 11	0 10	21 16	0 54	20 53	0 43	15 10	2 26	18 37	0 18	21 13	1 26	11 41	10 30	10 10	10 18	1 20	11 9	0 57
T 3	6 42	14 36	4 17	16 9	0s 2	17 55	0 14	21 8	0 55	20 53	0 43	15 10	2 26	18 37	0 18	21 13	1 26	11 41	10 30	10 11	10 19	1 24	11 8	0 57
W 4	6 19	20 10	4 55	16 3	0 13	17 37	0 17	20 59	0 55	20 54	0 43	15 9	2 26	18 37	0 18	21 13	1 26	11 41	10 29	10 11	10 21	1 27	11 7	0 57
T 5	5 56	24 26	5 15	15 56	0 23	17 20	0 19	20 50	0 56	20 55	0 43	15 9	2 26	18 37	0 18	21 13	1 26	11 41	10 29	10 11	10 22	1 30	11 6	0 56
F 6	5 33	27 10	5 15	15 47	0 33	17 2	0 22	20 40	0 57	20 56	0 43	15 9	2 27	18 37	0 18	21 13	1 26	11 42	10 29	10 12	10 23	1 34	11 4	0 56
S 7	5 9	28 15	4 59	15 36	0 42	16 43	0 25	20 31	0 58	20 57	0 43	15 8	2 27	18 37	0 18	21 13	1 26	11 42	10 29	10 12	10 24	1 37	11 3	0 56
S 8	4 46	27 45	4 27	15 24	0 51	16 24	0 28	20 21	0 58	20 57	0 43	15 8	2 27	18 37	0 18	21 13	1 26	11 42	10 28	10 11	10 25	1 41	11 2	0 55
M 9	4 23	25 49	3 44	15 11	1 0	16 4	0 31	20 11	0 59	20 58	0 43	15 7	2 27	18 37	0 18	21 14	1 26	11 43	10 28	10 11	10 26	1 44	11 0	0 55
T 10	3 59	22 40	2 50	14 56	1 8	15 44	0 34	20 1	1 0	20 59	0 43	15 7	2 27	18 37	0 18	21 14	1 26	11 43	10 28	10 11	10 27	1 47	10 59	0 55
W11	3 36	18 35	1 50	14 40	1 16	15 24	0 36	19 50	1 0	20 59	0 43	15 6	2 28	18 36	0 18	21 14	1 26	11 43	10 28	10 10	10 29	1 51	10 58	0 54
T 12	3 12	13 48	0 46	14 22	1 23	15 3	0 39	19 40	1 1	21 0	0 43	15 6	2 28	18 36	0 18	21 14	1 25	11 44	10 27	10 10	10 30	1 54	10 56	0 54
F 13	2 48	8 33	0n20	14 3	1 30	14 42	0 42	19 29	1 2	21 0	0 43	15 5	2 28	18 36	0 18	21 14	1 25	11 44	10 27	10 10	10 31	1 57	10 55	0 54
S 14	2 25	3 2	1 24	13 43	1 37	14 20	0 44	19 18	1 2	21 1	0 43	15 4	2 28	18 36	0 18	21 14	1 25	11 44	10 27	10 10	10 32	2 1	10 53	0 54
S 15	2 1	2n33	2 24	13 21	1 43	13 58	0 47	19 7	1 3	21 1	0 43	15 4	2 28	18 36	0 18	21 14	1 25	11 45	10 26	10 11	10 33	2 4	10 52	0 53
M16	1 37	8 4	3 19	12 58	1 48	13 35	0 49	18 55	1 4	21 2	0 43	15 3	2 29	18 35	0 18	21 14	1 25	11 45	10 26	10 12	10 34	2 8	10 50	0 53
T 17	1 14	13 18	4 4	12 33	1 54	13 12	0 51	18 44	1 4	21 2	0 43	15 2	2 29	18 35	0 18	21 14	1 25	11 45	10 26	10 13	10 35	2 11	10 48	0 53
W18	0 50	18 5	4 40	12 8	1 58	12 49	0 54	18 32	1 5	21 2	0 43	15 2	2 29	18 35	0 18	21 15	1 25	11 45	10 26	10 15	10 37	2 14	10 47	0 52
T 19	0 26	22 12	5 3	11 41	2 3	12 26	0 56	18 20	1 6	21 2	0 43	15 1	2 29	18 35	0 18	21 15	1 25	11 46	10 25	10 16	10 38	2 18	10 45	0 52
F 20	0 2	25 26	5 13	11 13	2 7	12 2	0 58	18 8	1 7	21 3	0 43	15 0	2 29	18 34	0 18	21 15	1 25	11 46	10 25	10 17	10 39	2 21	10 43	0 52
S 21	0n21	27 31	5 9	10 43	2 10	11 37	1 0	17 56	1 7	21 3	0 43	15 0	2 30	18 34	0 18	21 15	1 25	11 46	10 25	10 18	10 40	2 24	10 42	0 51
S 22	0 45	28 13	4 50	10 12	2 13	11 13	1 2	17 43	1 8	21 3	0 43	14 59	2 30	18 34	0 18	21 15	1 25	11 47	10 25	10 19	10 41	2 28	10 40	0 51
M23	1 9	27 23	4 15	9 40	2 16	10 48	1 5	17 31	1 9	21 3	0 43	14 58	2 30	18 34	0 18	21 15	1 25	11 47	10 24	10 19	10 42	2 31	10 38	0 51
T 24	1 32	24 58	3 26	9 7	2 18	10 23	1 6	17 18	1 9	21 3	0 43	14 57	2 30	18 33	0 18	21 15	1 25	11 47	10 24	10 18	10 43	2 35	10 36	0 50
W25	1 56	21 0	2 23	8 33	2 20	9 57	1 8	17 5	1 10	21 3	0 43	14 56	2 30	18 33	0 18	21 16	1 25	11 48	10 24	10 18	10 45	2 38	10 34	0 50
T 26	2 19	15 43	1 9	7 57	2 21	9 32	1 10	16 52	1 11	21 3	0 43	14 55	2 30	18 33	0 18	21 16	1 25	11 48	10 24	10 17	10 46	2 41	10 32	0 50
F 27	2 43	9 23	0s11	7 20	2 22	9 6	1 12	16 38	1 11	21 3	0 43	14 54	2 30	18 32	0 18	21 16	1 25	11 48	10 24	10 17	10 47	2 45	10 31	0 49
S 28	3 6	2 24	1 32	6 42	2 22	8 39	1 14	16 25	1 12	21 3	0 43	14 54	2 31	18 32	0 18	21 16	1 25	11 49	10 23	10 18	10 48	2 48	10 29	0 49
S 29	3 30	4s47	2 47	6 3	2 22	8 13	1 15	16 11	1 12	21 3	0 43	14 53	2 31	18 32	0 18	21 16	1 25	11 49	10 23	10 19	10 49	2 51	10 27	0 49
M30	3 53	11 43	3 50	5 23	2 21	7 46	1 17	15 58	1 13	21 2	0 43	14 52	2 31	18 31	0 18	21 16	1 25	11 49	10 23	10 20	10 50	2 55	10 25	0 48
T 31	4n16	17s52	4s37	4s41	2s20	7s19	1s18	15s44	1s14	21n 2	0n43	14s51	2n31	18s31	0n18	21n17	1s24	11n50	10s23	10s22	10s51	2n58	10s23	0s48

Julian Day Number = 2413619.5, Delta T = -4.83 sec
Ecliptic obliquity = 23°27'19, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°17'25, Lahiri = 22°24'25

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ASTRODIENST EPHEMERIS for the year 1896
geocentric

APRIL 1896 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	12 39 24	11♈46'04	20♏48	25♓18	15♓42	21♒35	29♋10	18°R10	24°R 2	15♊37	11♊ 1	3°R 1	1♓42	1♈40	24°R48	W 1
T 2	12 43 20	12°45'10	5♐11	27° 3	16°56	22°21	29°12	18♏ 7	24♏ 0	15°38	11° 2	2♓56	1°39	1°46	24♎43	T 2
F 3	12 47 17	13°44'15	19° 6	28°49	18° 9	23° 6	29°13	18° 3	23°59	15°40	11° 2	2°52	1°36	1°53	24°39	F 3
S 4	12 51 13	14°43'18	2♑32	0♈37	19°23	23°52	29°15	18° 0	23°57	15°41	11° 3	2°49	1°33	2° 0	24°34	S 4
S 5	12 55 10	15°42'19	15°30	2°26	20°36	24°37	29°17	17°57	23°55	15°42	11° 4	2°D49	1°30	2° 6	24°30	S 5
M 6	12 59 7	16°41'18	28° 6	4°16	21°50	25°23	29°19	17°53	23°53	15°43	11° 5	2°49	1°26	2°13	24°25	M 6
T 7	13 3 3	17°40'16	10♒22	6° 8	23° 3	26° 9	29°22	17°50	23°52	15°45	11° 6	2°51	1°23	2°20	24°20	T 7
W 8	13 7 0	18°39'12	22°25	8° 1	24°17	26°54	29°24	17°46	23°50	15°46	11° 7	2°52	1°20	2°26	24°16	W 8
T 9	13 10 56	19°38'06	4♓18	9°56	25°30	27°40	29°27	17°42	23°48	15°47	11° 8	2°R52	1°17	2°33	24°11	T 9
F 10	13 14 53	20°36'58	16° 6	11°53	26°44	28°26	29°30	17°39	23°46	15°49	11° 9	2°51	1°14	2°40	24° 6	F 10
S 11	13 18 49	21°35'48	27°53	13°50	27°57	29°11	29°33	17°35	23°44	15°50	11°10	2°48	1°11	2°46	24° 2	S 11
S 12	13 22 46	22°34'36	9♈41	15°50	29°11	29°57	29°36	17°31	23°42	15°52	11°10	2°43	1° 7	2°53	23°57	S 12
M13	13 26 42	23°33'23	21°34	17°50	0♈24	0♓43	29°39	17°27	23°40	15°53	11°11	2°35	1° 4	3° 0	23°52	M13
T 14	13 30 39	24°32'07	3♉31	19°52	1°38	1°28	29°43	17°23	23°38	15°55	11°12	2°26	1° 1	3° 6	23°48	T 14
W15	13 34 35	25°30'50	15°36	21°55	2°51	2°14	29°47	17°19	23°36	15°56	11°13	2°16	0°58	3°13	23°43	W15
T 16	13 38 32	26°29'30	27°50	24° 0	4° 5	3° 0	29°51	17°15	23°34	15°58	11°14	2° 5	0°55	3°20	23°38	T 16
F 17	13 42 29	27°28'09	10♊13	26° 5	5°19	3°45	29°55	17°11	23°31	16° 0	11°15	1°56	0°51	3°26	23°33	F 17
S 18	13 46 25	28°26'45	22°47	28°11	6°32	4°31	29°59	17° 7	23°29	16° 1	11°17	1°49	0°48	3°33	23°29	S 18
S 19	13 50 22	29°25'19	5♋35	0♉18	7°46	5°16	0♌ 4	17° 3	23°27	16° 3	11°18	1°44	0°45	3°40	23°24	S 19
M20	13 54 18	0♉23'51	18°39	2°26	8°59	6° 2	0° 8	16°58	23°25	16° 5	11°19	1°41	0°42	3°46	23°19	M20
T 21	13 58 15	1°22'21	2♌ 1	4°34	10°13	6°48	0°13	16°54	23°23	16° 6	11°20	1°D41	0°39	3°53	23°15	T 21
W22	14 2 11	2°20'49	15°43	6°42	11°26	7°33	0°18	16°50	23°20	16° 8	11°21	1°41	0°36	4° 0	23°10	W22
T 23	14 6 8	3°19'14	29°48	8°50	12°40	8°19	0°23	16°46	23°18	16°10	11°22	1°R42	0°32	4° 6	23° 6	T 23
F 24	14 10 4	4°17'37	14♍15	10°58	13°53	9° 4	0°28	16°41	23°16	16°11	11°23	1°41	0°29	4°13	23° 1	F 24
S 25	14 14 1	5°15'58	29° 0	13° 5	15° 7	9°50	0°34	16°37	23°13	16°13	11°24	1°39	0°26	4°20	22°56	S 25
S 26	14 17 58	6°14'17	14♎ 0	15°11	16°20	10°35	0°39	16°33	23°11	16°15	11°25	1°33	0°23	4°26	22°52	S 26
M27	14 21 54	7°12'34	29° 6	17°15	17°34	11°21	0°45	16°28	23° 9	16°17	11°27	1°26	0°20	4°33	22°47	M27
T 28	14 25 51	8°10'50	14♏ 9	19°18	18°47	12° 7	0°51	16°24	23° 6	16°19	11°28	1°17	0°17	4°40	22°43	T 28
W29	14 29 47	9° 9'03	28°58	21°19	20° 0	12°52	0°57	16°19	23° 4	16°20	11°29	1° 6	0°13	4°46	22°39	W29
T 30	14 33 44	10♉ 7'15	13♐26	23♉18	21♈14	13♓38	1♌ 3	16♏15	23♏ 1	16♊22	11♊30	0♓57	0♓10	4♈53	22♎34	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	4n39	22s50	5s 4	3s59	2s18	6s52	1s20	15s30	1s14	21n 2	0n43	14s50	2n31	18s30	0n18	21n17	1s24	11n50	10s22	10s24	10s53	3n 1	10s21	0s48
T 2	5 2	26 16	5 10	3 15	2 16	6 25	1 21	15 15	1 15	21 2	0 43	14 49	2 31	18 30	0 18	21 17	1 24	11 50	10 22	10 26	10 54	3 5	10 19	0 47
F 3	5 25	27 58	4 58	2 31	2 14	5 57	1 23	15 1	1 16	21 1	0 42	14 48	2 31	18 30	0 18	21 17	1 24	11 51	10 22	10 28	10 55	3 8	10 17	0 47
S 4	5 48	27 56	4 30	1 45	2 10	5 30	1 24	14 46	1 16	21 1	0 42	14 47	2 32	18 29	0 18	21 17	1 24	11 51	10 22	10 28	10 56	3 11	10 15	0 46
S 5	6 11	26 20	3 49	0 58	2 7	5 2	1 25	14 32	1 17	21 0	0 42	14 46	2 32	18 29	0 18	21 17	1 24	11 51	10 21	10 29	10 57	3 15	10 13	0 46
M 6	6 34	23 27	2 57	0 11	2 3	4 34	1 26	14 17	1 18	21 0	0 42	14 45	2 32	18 28	0 18	21 18	1 24	11 52	10 21	10 29	10 58	3 18	10 11	0 46
T 7	6 56	19 34	1 59	0n38	1 58	4 6	1 27	14 2	1 18	20 59	0 42	14 43	2 32	18 28	0 18	21 18	1 24	11 52	10 21	10 28	10 59	3 22	10 9	0 45
W 8	7 19	14 56	0 56	1 27	1 53	3 37	1 28	13 47	1 19	20 59	0 42	14 42	2 32	18 27	0 18	21 18	1 24	11 52	10 21	10 28	11 0	3 25	10 7	0 45
T 9	7 41	9 49	0n 8	2 18	1 47	3 9	1 29	13 32	1 19	20 58	0 42	14 41	2 32	18 27	0 18	21 18	1 24	11 53	10 21	10 27	11 2	3 28	10 5	0 45
F 10	8 3	4 24	1 11	3 9	1 41	2 40	1 30	13 17	1 20	20 58	0 42	14 40	2 32	18 26	0 18	21 18	1 24	11 53	10 20	10 28	11 3	3 32	10 2	0 44
S 11	8 25	1n10	2 11	4 1	1 34	2 12	1 31	13 1	1 21	20 57	0 42	14 39	2 32	18 26	0 18	21 19	1 24	11 53	10 20	10 29	11 4	3 35	10 0	0 44
S 12	8 47	6 41	3 5	4 53	1 27	1 43	1 31	12 46	1 21	20 56	0 42	14 38	2 32	18 25	0 18	21 19	1 24	11 54	10 20	10 31	11 5	3 38	9 58	0 43
M13	9 9	11 59	3 51	5 47	1 20	1 14	1 32	12 30	1 22	20 55	0 42	14 37	2 33	18 25	0 18	21 19	1 24	11 54	10 20	10 34	11 6	3 42	9 56	0 43
T 14	9 31	16 54	4 28	6 40	1 11	0 46	1 32	12 14	1 22	20 55	0 42	14 35	2 33	18 24	0 18	21 19	1 24	11 54	10 20	10 37	11 7	3 45	9 54	0 43
W15	9 52	21 11	4 53	7 34	1 3	0 17	1 33	11 59	1 23	20 54	0 42	14 34	2 33	18 24	0 18	21 19	1 24	11 55	10 19	10 41	11 8	3 48	9 52	0 42
T 16	10 14	24 38	5 4	8 29	0 54	0n12	1 33	11 43	1 23	20 53	0 42	14 33	2 33	18 23	0 18	21 20	1 24	11 55	10 19	10 44	11 9	3 52	9 50	0 42
F 17	10 35	26 59	5 2	9 23	0 45	0 41	1 33	11 27	1 24	20 52	0 42	14 32	2 33	18 23	0 18	21 20	1 24	11 55	10 19	10 48	11 11	3 55	9 48	0 42
S 18	10 56	28 0	4 45	10 18	0 35	1 10	1 34	11 10	1 25	20 51	0 42	14 31	2 33	18 22	0 18	21 20	1 24	11 56	10 19	10 50	11 12	3 58	9 46	0 41
S 19	11 17	27 34	4 14	11 12	0 25	1 39	1 34	10 54	1 25	20 50	0 42	14 29	2 33	18 22	0 18	21 20	1 24	11 56	10 19	10 52	11 13	4 2	9 44	0 41
M20	11 37	25 36	3 29	12 6	0 15	2 7	1 34	10 38	1 26	20 49	0 42	14 28	2 33	18 21	0 18	21 20	1 24	11 56	10 18	10 53	11 14	4 5	9 42	0 40
T 21	11 58	22 11	2 32	12 59	0 4	2 36	1 34	10 21	1 26	20 48	0 42	14 27	2 33	18 21	0 18	21 21	1 24	11 57	10 18	10 53	11 15	4 8	9 39	0 40
W22	12 18	17 29	1 24	13 52	0n 7	3 5	1 34	10 5	1 27	20 47	0 42	14 26	2 33	18 20	0 18	21 21	1 23	11 57	10 18	10 53	11 16	4 12	9 37	0 40
T 23	12 38	11 42	0 10	14 44	0 17	3 34	1 34	9 48	1 27	20 46	0 42	14 24	2 33	18 19	0 18	21 21	1 23	11 57	10 18	10 53	11 17	4 15	9 35	0 39
F 24	12 58	5 11	1s 6	15 34	0 28	4 2	1 34	9 32	1 28	20 45	0 42	14 23	2 33	18 19	0 18	21 21	1 23	11 57	10 18	10 53	11 18	4 18	9 33	0 39
S 25	13 17	1s45	2 20	16 24	0 39	4 31	1 33	9 15	1 28	20 43	0 42	14 22	2 33	18 18	0 18	21 22	1 23	11 58	10 18	10 54	11 20	4 22	9 31	0 38
S 26	13 37	8 41	3 25	17 11	0 49	5 0	1 33	8 58	1 29	20 42	0 42	14 21	2 33	18 18	0 18	21 22	1 23	11 58	10 17	10 56	11 21	4 25	9 29	0 38
M27	13 56	15 9	4 16	17 57	1 0	5 28	1 33	8 41	1 29	20 41	0 42	14 19	2 33	18 17	0 18	21 22	1 23	11 58	10 17	10 58	11 22	4 28	9 27	0 38
T 28	14 15	20 42	4 50	18 41	1 10	5 56	1 32	8 24	1 30	20 40	0 42	14 18	2 33	18 17	0 18	21 22	1 23	11 59	10 17	11 2	11 23	4 32	9 25	0 37
W29	14 33	24 52	5 3	19 23	1 20	6 25	1 32	8 7	1 30	20 38	0 42	14 17	2 33	18 16	0 18	21 22	1 23	11 59	10 17	11 5	11 24	4 35	9 23	0 37
T 30	14n52	27s19	4s56	20n 3	1n29	6n53	1s31	7s50	1s31	20n37	0n42	14s16	2n33	18s15	0n18	21n23	1s23	11n59	10s17	11s 9	11s25	4n38	9s21	0s36

Julian Day Number = 2413650.5, Delta T = -4.81 sec
Ecliptic obliquity = 23°27'19, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°17'29, Lahiri = 22°24'29

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ASTRODIENST EPHEMERIS for the year 1896
geocentric

MAY 1896 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	14 37 40	11♉ 5'26	27♐27	25♉14	22♈27	14♓23	1♌ 9	16°R10	22°R59	16♊24	11♊31	0°R49	0♓ 7	5♈ 0	22°R30	F 1
S 2	14 41 37	12° 3'35	10♑59	27° 8	23°41	15° 9	1°16	16♏ 6	22♏57	16°26	11°33	0♓43	0° 4	5° 6	22♎26	S 2
S 3	14 45 34	13° 1'42	24° 3	28°58	24°54	15°54	1°22	16° 1	22°54	16°28	11°34	0°39	0° 1	5°13	22°22	S 3
M 4	14 49 30	13°59'48	6♒41	0♊46	26° 8	16°40	1°29	15°57	22°52	16°30	11°35	0°37	29♒57	5°20	22°17	M 4
T 5	14 53 27	14°57'53	18°59	2°30	27°21	17°25	1°36	15°52	22°49	16°32	11°36	0°D37	29°54	5°27	22°13	T 5
W 6	14 57 23	15°55'56	1♓ 1	4°11	28°35	18°10	1°43	15°48	22°47	16°34	11°37	0°R37	29°51	5°33	22° 9	W 6
T 7	15 1 20	16°53'58	12°54	5°49	29°48	18°56	1°50	15°43	22°44	16°36	11°39	0°37	29°48	5°40	22° 5	T 7
F 8	15 5 16	17°51'58	24°42	7°23	1♉ 2	19°41	1°57	15°39	22°42	16°38	11°40	0°35	29°45	5°47	22° 1	F 8
S 9	15 9 13	18°49'57	6♈29	8°53	2°15	20°27	2° 4	15°34	22°39	16°40	11°41	0°30	29°42	5°53	21°58	S 9
S 10	15 13 9	19°47'55	18°21	10°19	3°29	21°12	2°12	15°30	22°37	16°42	11°43	0°22	29°38	6° 0	21°54	S 10
M11	15 17 6	20°45'51	0♉18	11°42	4°42	21°57	2°20	15°25	22°34	16°44	11°44	0°12	29°35	6° 7	21°50	M11
T 12	15 21 2	21°43'46	12°25	13° 1	5°56	22°42	2°27	15°21	22°32	16°46	11°45	29♒59	29°32	6°13	21°46	T 12
W13	15 24 59	22°41'39	24°42	14°16	7° 9	23°28	2°35	15°16	22°29	16°48	11°46	29°46	29°29	6°20	21°43	W13
T 14	15 28 56	23°39'31	7♊10	15°27	8°23	24°13	2°43	15°12	22°27	16°50	11°48	29°33	29°26	6°27	21°39	T 14
F 15	15 32 52	24°37'21	19°48	16°34	9°36	24°58	2°52	15° 7	22°24	16°52	11°49	29°21	29°23	6°33	21°36	F 15
S 16	15 36 49	25°35'10	2♋38	17°36	10°50	25°43	3° 0	15° 3	22°22	16°54	11°50	29°11	29°19	6°40	21°33	S 16
S 17	15 40 45	26°32'58	15°40	18°35	12° 3	26°28	3° 8	14°59	22°19	16°57	11°52	29° 4	29°16	6°47	21°29	S 17
M18	15 44 42	27°30'43	28°53	19°29	13°17	27°14	3°17	14°54	22°17	16°59	11°53	28°59	29°13	6°53	21°26	M18
T 19	15 48 38	28°28'28	12♌20	20°19	14°30	27°59	3°25	14°50	22°14	17° 1	11°54	28°57	29°10	7° 0	21°23	T 19
W20	15 52 35	29°26'10	26° 2	21° 5	15°44	28°44	3°34	14°46	22°12	17° 3	11°56	28°57	29° 7	7° 7	21°20	W20
T 21	15 56 32	0♊23'51	9♍58	21°46	16°57	29°29	3°43	14°41	22° 9	17° 5	11°57	28°57	29° 3	7°13	21°17	T 21
F 22	16 0 28	1°21'30	24°11	22°23	18°11	0♈14	3°52	14°37	22° 7	17° 7	11°58	28°56	29° 0	7°20	21°14	F 22
S 23	16 4 25	2°19'07	8♎38	22°55	19°24	0°58	4° 1	14°33	22° 4	17° 9	12° 0	28°53	28°57	7°27	21°12	S 23
S 24	16 8 21	3°16'43	23°17	23°23	20°38	1°43	4°10	14°29	22° 2	17°12	12° 1	28°47	28°54	7°33	21° 9	S 24
M25	16 12 18	4°14'18	8♏ 2	23°46	21°51	2°28	4°19	14°25	21°59	17°14	12° 3	28°39	28°51	7°40	21° 6	M25
T 26	16 16 14	5°11'51	22°45	24° 4	23° 5	3°13	4°29	14°20	21°57	17°16	12° 4	28°28	28°48	7°47	21° 4	T 26
W27	16 20 11	6° 9'24	7♐19	24°17	24°18	3°58	4°38	14°16	21°54	17°18	12° 5	28°17	28°44	7°53	21° 2	W27
T 28	16 24 7	7° 6'55	21°36	24°26	25°32	4°42	4°48	14°12	21°52	17°20	12° 7	28° 6	28°41	8° 0	20°59	T 28
F 29	16 28 4	8° 4'25	5♑32	24°R30	26°45	5°27	4°58	14° 9	21°50	17°23	12° 8	27°57	28°38	8° 7	20°57	F 29
S 30	16 32 1	9° 1'54	19° 1	24°30	27°59	6°12	5° 7	14° 5	21°47	17°25	12° 9	27°49	28°35	8°13	20°55	S 30
S 31	16 35 57	9♊59'23	2♒ 6	24♊25	29♉12	6♈56	5♌17	14♏ 1	21♏45	17♊27	12♊11	27♒45	28♒32	8♈20	20♎53	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	15n10	27s57	4s31	20n40	1n38	7n21	1s31	7s33	1s31	20n36	0n42	14s14	2n33	18s15	0n18	21n23	1s23	12n 0	10s17	11s12	11s26	4n42	9s19	0s36	F 1
S 2	15 28	26 51	3 52	21 15	1 46	7 48	1 30	7 16	1 32	20 34	0 42	14 13	2 33	18 14	0 18	21 23	1 23	12 0	10 16	11 14	11 27	4 45	9 17	0 36	S 2
S 3	15 46	24 18	3 1	21 47	1 54	8 16	1 29	6 59	1 32	20 33	0 42	14 12	2 33	18 13	0 18	21 23	1 23	12 0	10 16	11 15	11 29	4 48	9 15	0 35	S 3
M 4	16 3	20 36	2 4	22 17	2 1	8 44	1 28	6 41	1 32	20 31	0 42	14 11	2 33	18 13	0 18	21 24	1 23	12 1	10 16	11 16	11 30	4 51	9 13	0 35	M 4
T 5	16 20	16 7	1 1	22 45	2 7	9 11	1 27	6 24	1 33	20 30	0 42	14 9	2 33	18 12	0 18	21 24	1 23	12 1	10 16	11 16	11 31	4 55	9 11	0 34	T 5
W 6	16 37	11 5	0n 2	23 10	2 12	9 38	1 26	6 7	1 33	20 28	0 41	14 8	2 33	18 12	0 18	21 24	1 23	12 1	10 16	11 16	11 32	4 58	9 10	0 34	W 6
T 7	16 54	5 43	1 5	23 32	2 17	10 5	1 25	5 49	1 34	20 26	0 41	14 7	2 33	18 11	0 18	21 24	1 23	12 1	10 16	11 16	11 33	5 1	9 8	0 34	T 7
F 8	17 10	0 13	2 4	23 52	2 21	10 31	1 24	5 32	1 34	20 25	0 41	14 6	2 33	18 10	0 18	21 24	1 23	12 2	10 16	11 17	11 34	5 5	9 6	0 33	F 8
S 9	17 26	5n18	2 58	24 10	2 24	10 58	1 23	5 14	1 35	20 23	0 41	14 4	2 33	18 10	0 18	21 25	1 23	12 2	10 15	11 18	11 35	5 8	9 4	0 33	S 9
S 10	17 42	10 39	3 44	24 25	2 26	11 24	1 22	4 57	1 35	20 21	0 41	14 3	2 33	18 9	0 18	21 25	1 23	12 2	10 15	11 21	11 36	5 11	9 2	0 32	S 10
M11	17 57	15 39	4 21	24 38	2 27	11 50	1 21	4 39	1 35	20 20	0 41	14 2	2 33	18 8	0 18	21 25	1 23	12 3	10 15	11 25	11 37	5 15	9 0	0 32	M11
T 12	18 13	20 7	4 46	24 49	2 27	12 15	1 19	4 22	1 36	20 18	0 41	14 1	2 33	18 8	0 18	21 25	1 23	12 3	10 15	11 29	11 39	5 18	8 59	0 32	T 12
W13	18 27	23 47	4 59	24 57	2 27	12 41	1 18	4 4	1 36	20 16	0 41	13 59	2 33	18 7	0 18	21 26	1 23	12 3	10 15	11 34	11 40	5 21	8 57	0 31	W13
T 14	18 42	26 24	4 57	25 4	2 25	13 6	1 17	3 46	1 36	20 14	0 41	13 58	2 33	18 7	0 18	21 26	1 23	12 3	10 15	11 38	11 41	5 24	8 55	0 31	T 14
F 15	18 56	27 44	4 41	25 9	2 23	13 31	1 15	3 29	1 37	20 12	0 41	13 57	2 33	18 6	0 18	21 26	1 23	12 4	10 15	11 42	11 42	5 28	8 54	0 30	F 15
S 16	19 10	27 37	4 11	25 12	2 20	13 55	1 14	3 11	1 37	20 10	0 41	13 56	2 33	18 5	0 18	21 26	1 23	12 4	10 15	11 46	11 43	5 31	8 52	0 30	S 16
S 17	19 24	25 58	3 27	25 13	2 15	14 19	1 12	2 54	1 37	20 8	0 41	13 55	2 32	18 5	0 18	21 27	1 23	12 4	10 15	11 49	11 44	5 34	8 50	0 30	S 17
M18	19 37	22 52	2 32	25 12	2 10	14 43	1 11	2 36	1 38	20 6	0 41	13 53	2 32	18 4	0 18	21 27	1 23	12 4	10 14	11 50	11 45	5 38	8 49	0 29	M18
T 19	19 50	18 30	1 27	25 10	2 4	15 6	1 9	2 18	1 38	20 4	0 41	13 52	2 32	18 3	0 18	21 27	1 23	12 5	10 14	11 51	11 46	5 41	8 47	0 29	T 19
W20	20 3	13 6	0 15	25 6	1 57	15 29	1 7	2 1	1 38	20 2	0 41	13 51	2 32	18 3	0 18	21 27	1 23	12 5	10 14	11 51	11 47	5 44	8 46	0 28	W20
T 21	20 15	6 56	0s58	25 0	1 49	15 52	1 5	1 43	1 39	20 0	0 41	13 50	2 32	18 2	0 18	21 27	1 23	12 5	10 14	11 51	11 49	5 48	8 44	0 28	T 21
F 22	20 27	0 20	2 9	24 53	1 39	16 14	1 4	1 25	1 39	19 58	0 41	13 49	2 32	18 2	0 18	21 28	1 23	12 5	10 14	11 51	11 50	5 51	8 43	0 28	F 22
S 23	20 38	6s23	3 13	24 45	1 29	16 36	1 2	1 8	1 39	19 56	0 41	13 48	2 32	18 1	0 17	21 28	1 23	12 6	10 14	11 52	11 51	5 54	8 42	0 27	S 23
S 24	20 50	12 51	4 5	24 36	1 19	16 57	1 0	0 50	1 40	19 54	0 41	13 47	2 32	18 0	0 17	21 28	1 23	12 6	10 14	11 54	11 52	5 57	8 40	0 27	S 24
M25	21 0	18 38	4 42	24 25	1 7	17 18	0 58	0 33	1 40	19 51	0 41	13 45	2 32	18 0	0 17	21 28	1 23	12 6	10 14	11 57	11 53	6 1	8 39	0 26	M25
T 26	21 11	23 17	4 59	24 13	0 54	17 39	0 56	0 15	1 40	19 49	0 41	13 44	2 31	17 59	0 17	21 29	1 23	12 6	10 14	12 1	11 54	6 4	8 38	0 26	T 26
W27	21 21	26 25	4 57	24 1	0 41	17 59	0 54	0n 2	1 40	19 47	0 41	13 43	2 31	17 58	0 17	21 29	1 22	12 7	10 14	12 5	11 55	6 7	8 36	0 25	W27
T 28	21 31	27 47	4 36	23 47	0 26	18 19	0 52	0 20	1 41	19 45	0 41	13 42	2 31	17 58	0 17	21 29	1 22	12 7	10 14	12 9	11 56	6 10	8 35	0 25	T 28
F 29	21 40	27 19	3 59	23 32	0 11	18 38	0 50	0 38	1 41	19 42	0 41	13 41	2 31	17 57	0 17	21 29	1 22	12 7	10 14	12 12	11 57	6 14	8 34	0 25	F 29
S 30	21 49	25 14	3 9	23 16	0s 4	18 57	0 48	0 55	1 41	19 40	0 41	13 40	2 31	17 57	0 17	21 29	1 22	12 7	10 14	12 14	11 59	6 17	8 33	0 24	S 30
S 31	21n58	21s50	2s11	23n 0	0s20	19n15	0s46	1n12	1s41	19n37	0n41	13s39	2n31	17s56	0n17	21n30	1s22	12n 8	10s14	12s16	12s 0	6n20	8s32	0s24	S 31

Julian Day Number = 2413680.5, Delta T = -4.78 sec
Ecliptic obliquity = 23°27'18, Nutation = 0°00'07, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°17'33, Lahiri = 22°24'34

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1896
geocentric

JUNE 1896 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	16 39 54	10♊56'50	14♒46	24°R15	0♊26	7♈41	5♌27	13°R57	21°R43	17♊29	12♊12	27°R42	28♒29	8♈27	20°R51	M 1
T 2	16 43 50	11°54'17	27° 6	24♊ 2	1°39	8°25	5°37	13♏53	21♏40	17°32	12°14	27°D42	28°25	8°33	20♎49	T 2
W 3	16 47 47	12°51'43	9♓11	23°44	2°53	9°10	5°47	13°50	21°38	17°34	12°15	27°R42	28°22	8°40	20°48	W 3
T 4	16 51 43	13°49'08	21° 5	23°24	4° 6	9°54	5°58	13°46	21°36	17°36	12°16	27♒42	28°19	8°47	20°46	T 4
F 5	16 55 40	14°46'33	2♈55	22°59	5°20	10°38	6° 8	13°42	21°33	17°38	12°18	27°40	28°16	8°53	20°45	F 5
S 6	16 59 36	15°43'57	14°45	22°32	6°33	11°23	6°18	13°39	21°31	17°41	12°19	27°37	28°13	9° 0	20°43	S 6
S 7	17 3 33	16°41'20	26°40	22° 3	7°47	12° 7	6°29	13°36	21°29	17°43	12°20	27°31	28° 9	9° 7	20°42	S 7
M 8	17 7 30	17°38'43	8♉43	21°32	9° 0	12°51	6°39	13°32	21°27	17°45	12°22	27°22	28° 6	9°13	20°41	M 8
T 9	17 11 26	18°36'05	20°59	20°59	10°14	13°35	6°50	13°29	21°25	17°47	12°23	27°12	28° 3	9°20	20°40	T 9
W10	17 15 23	19°33'27	3♊28	20°26	11°28	14°19	7° 1	13°26	21°23	17°49	12°25	27° 0	28° 0	9°27	20°39	W10
T 11	17 19 19	20°30'48	16°11	19°52	12°41	15° 3	7°12	13°23	21°20	17°52	12°26	26°49	27°57	9°34	20°38	T 11
F 12	17 23 16	21°28'09	29° 8	19°18	13°55	15°47	7°23	13°19	21°18	17°54	12°27	26°38	27°54	9°40	20°38	F 12
S 13	17 27 12	22°25'29	12♋19	18°46	15° 8	16°31	7°33	13°16	21°16	17°56	12°29	26°30	27°50	9°47	20°37	S 13
S 14	17 31 9	23°22'48	25°41	18°15	16°22	17°15	7°45	13°14	21°14	17°58	12°30	26°23	27°47	9°54	20°37	S 14
M15	17 35 5	24°20'06	9♌14	17°46	17°35	17°59	7°56	13°11	21°12	18° 1	12°31	26°20	27°44	10° 0	20°36	M15
T 16	17 39 2	25°17'24	22°57	17°19	18°49	18°42	8° 7	13° 8	21°10	18° 3	12°33	26°D19	27°41	10° 7	20°36	T 16
W17	17 42 59	26°14'40	6♍48	16°56	20° 3	19°26	8°18	13° 5	21° 9	18° 5	12°34	26°19	27°38	10°14	20°36	W17
T 18	17 46 55	27°11'56	20°48	16°35	21°16	20°10	8°29	13° 3	21° 7	18° 7	12°36	26°R20	27°35	10°20	20°D36	T 18
F 19	17 50 52	28° 9'11	4♎56	16°19	22°30	20°53	8°41	13° 0	21° 5	18°10	12°37	26°20	27°31	10°27	20°36	F 19
S 20	17 54 48	29° 6'25	19°11	16° 6	23°43	21°36	8°52	12°58	21° 3	18°12	12°38	26°18	27°28	10°34	20°36	S 20
S 21	17 58 45	0♋ 3'39	3♏30	15°58	24°57	22°20	9° 4	12°55	21° 1	18°14	12°40	26°14	27°25	10°40	20°36	S 21
M22	18 2 41	1° 0'52	17°50	15°D54	26°11	23° 3	9°15	12°53	20°59	18°16	12°41	26° 8	27°22	10°47	20°37	M22
T 23	18 6 38	1°58'04	2♐ 7	15°54	27°24	23°46	9°27	12°51	20°58	18°18	12°42	26° 1	27°19	10°54	20°37	T 23
W24	18 10 34	2°55'16	16°16	15°59	28°38	24°29	9°39	12°49	20°56	18°21	12°43	25°52	27°15	11° 0	20°38	W24
T 25	18 14 31	3°52'28	0♑11	16° 9	29°52	25°12	9°50	12°47	20°54	18°23	12°45	25°44	27°12	11° 7	20°39	T 25
F 26	18 18 28	4°49'40	13°49	16°24	1♋ 5	25°55	10° 2	12°45	20°53	18°25	12°46	25°37	27° 9	11°14	20°39	F 26
S 27	18 22 24	5°46'51	27° 7	16°44	2°19	26°38	10°14	12°43	20°51	18°27	12°47	25°32	27° 6	11°20	20°40	S 27
S 28	18 26 21	6°44'02	10♒ 4	17° 8	3°33	27°21	10°26	12°41	20°50	18°29	12°49	25°29	27° 3	11°27	20°41	S 28
M29	18 30 17	7°41'13	22°41	17°38	4°46	28° 3	10°38	12°40	20°48	18°31	12°50	25°D27	27° 0	11°34	20°43	M29
T 30	18 34 14	8♋38'24	5♓ 0	18♊12	6♋ 0	28♈46	10♌50	12♏38	20♏47	18♊34	12♊51	25♒28	26♒56	11♈40	20♎44	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 6	17s30	1s 8	22n43	0s37	19n33	0s44	1n30	1s41	19n35	0n41	13s38	2n31	17s55	0n17	21n30	1s22	12n 8	10s13	12s17	12s 1	6n24	8s31	0s23
T 2	22 14	12 32	0 3	22 25	0 54	19 50	0 41	1 47	1 41	19 32	0 41	13 37	2 30	17 55	0 17	21 30	1 22	12 8	10 13	12 17	12 2	6 27	8 29	0 23
W 3	22 21	7 12	1n 1	22 7	1 11	20 6	0 39	2 5	1 42	19 30	0 41	13 36	2 30	17 54	0 17	21 30	1 22	12 8	10 13	12 17	12 3	6 30	8 28	0 23
T 4	22 28	1 41	2 1	21 49	1 28	20 22	0 37	2 22	1 42	19 27	0 41	13 36	2 30	17 54	0 17	21 31	1 22	12 8	10 13	12 17	12 4	6 33	8 28	0 22
F 5	22 35	3n51	2 55	21 31	1 46	20 38	0 35	2 39	1 42	19 25	0 41	13 35	2 30	17 53	0 17	21 31	1 22	12 9	10 13	12 17	12 5	6 37	8 27	0 22
S 6	22 41	9 14	3 42	21 12	2 3	20 53	0 33	2 56	1 42	19 22	0 41	13 34	2 30	17 53	0 17	21 31	1 22	12 9	10 13	12 19	12 6	6 40	8 26	0 21
S 7	22 47	14 20	4 20	20 54	2 19	21 7	0 30	3 13	1 42	19 20	0 41	13 33	2 30	17 52	0 17	21 31	1 22	12 9	10 13	12 21	12 7	6 43	8 25	0 21
M 8	22 53	18 56	4 47	20 36	2 36	21 21	0 28	3 31	1 42	19 17	0 41	13 32	2 29	17 51	0 17	21 31	1 22	12 9	10 13	12 24	12 8	6 46	8 24	0 21
T 9	22 58	22 50	5 0	20 18	2 51	21 35	0 26	3 48	1 42	19 14	0 41	13 31	2 29	17 51	0 17	21 32	1 22	12 9	10 13	12 27	12 10	6 50	8 23	0 20
W10	23 3	25 46	5 0	20 1	3 6	21 47	0 23	4 5	1 43	19 12	0 41	13 31	2 29	17 50	0 17	21 32	1 22	12 10	10 13	12 31	12 11	6 53	8 23	0 20
T 11	23 7	27 28	4 45	19 45	3 20	21 59	0 21	4 21	1 43	19 9	0 41	13 30	2 29	17 50	0 17	21 32	1 22	12 10	10 13	12 35	12 12	6 56	8 22	0 20
F 12	23 11	27 43	4 16	19 29	3 33	22 11	0 19	4 38	1 43	19 6	0 41	13 29	2 29	17 49	0 17	21 32	1 22	12 10	10 13	12 39	12 13	6 59	8 21	0 19
S 13	23 14	26 24	3 32	19 15	3 45	22 21	0 16	4 55	1 43	19 3	0 41	13 28	2 28	17 49	0 17	21 32	1 22	12 10	10 13	12 42	12 14	7 3	8 21	0 19
S 14	23 17	23 34	2 36	19 2	3 55	22 32	0 14	5 12	1 43	19 0	0 41	13 28	2 28	17 48	0 17	21 33	1 22	12 10	10 13	12 44	12 15	7 6	8 20	0 18
M15	23 20	19 24	1 30	18 50	4 4	22 41	0 11	5 28	1 43	18 57	0 41	13 27	2 28	17 48	0 17	21 33	1 22	12 10	10 13	12 45	12 16	7 9	8 20	0 18
T 16	23 22	14 10	0 18	18 40	4 12	22 50	0 9	5 45	1 43	18 55	0 41	13 26	2 28	17 47	0 17	21 33	1 22	12 11	10 13	12 45	12 17	7 12	8 19	0 18
W17	23 24	8 9	0s56	18 32	4 18	22 58	0 7	6 1	1 43	18 52	0 41	13 26	2 28	17 47	0 17	21 33	1 22	12 11	10 13	12 45	12 18	7 16	8 19	0 17
T 18	23 25	1 42	2 7	18 25	4 23	23 6	0 4	6 18	1 43	18 49	0 41	13 25	2 27	17 46	0 17	21 33	1 22	12 11	10 13	12 45	12 19	7 19	8 18	0 17
F 19	23 27	4s53	3 11	18 20	4 27	23 13	0 2	6 34	1 43	18 46	0 41	13 25	2 27	17 46	0 17	21 34	1 22	12 11	10 13	12 45	12 20	7 22	8 18	0 16
S 20	23 27	11 16	4 4	18 16	4 29	23 19	0n 1	6 50	1 43	18 43	0 41	13 24	2 27	17 45	0 17	21 34	1 22	12 11	10 13	12 46	12 22	7 25	8 18	0 16
S 21	23 27	17 6	4 42	18 15	4 30	23 24	0 3	7 6	1 43	18 40	0 41	13 24	2 27	17 45	0 17	21 34	1 22	12 11	10 13	12 47	12 23	7 28	8 18	0 16
M22	23 27	21 59	5 2	18 15	4 29	23 29	0 5	7 22	1 43	18 37	0 41	13 23	2 26	17 45	0 17	21 34	1 22	12 11	10 13	12 49	12 24	7 32	8 17	0 15
T 23	23 26	25 33	5 4	18 17	4 27	23 33	0 8	7 38	1 43	18 34	0 41	13 23	2 26	17 44	0 17	21 34	1 22	12 11	10 13	12 51	12 25	7 35	8 17	0 15
W24	23 25	27 30	4 47	18 20	4 24	23 37	0 10	7 54	1 43	18 30	0 41	13 22	2 26	17 44	0 17	21 35	1 22	12 12	10 13	12 54	12 26	7 38	8 17	0 15
T 25	23 24	27 40	4 13	18 25	4 20	23 40	0 12	8 10	1 42	18 27	0 41	13 22	2 26	17 43	0 17	21 35	1 22	12 12	10 13	12 57	12 27	7 41	8 17	0 14
F 26	23 22	26 8	3 25	18 32	4 15	23 42	0 15	8 26	1 42	18 24	0 41	13 22	2 26	17 43	0 17	21 35	1 22	12 12	10 13	12 59	12 28	7 45	8 17	0 14
S 27	23 20	23 9	2 27	18 40	4 9	23 43	0 17	8 41	1 42	18 21	0 41	13 21	2 25	17 43	0 17	21 35	1 22	12 12	10 14	13 1	12 29	7 48	8 17	0 13
S 28	23 17	19 3	1 22	18 49	4 2	23 44	0 19	8 57	1 42	18 18	0 41	13 21	2 25	17 42	0 17	21 35	1 22	12 12	10 14	13 2	12 30	7 51	8 17	0 13
M29	23 14	14 12	0 15	19 0	3 54	23 44	0 22	9 12	1 42	18 14	0 41	13 21	2 25	17 42	0 17	21 35	1 22	12 12	10 14	13 3	12 31	7 54	8 17	0 13
T 30	23n10	8s53	0n51	19n12	3s45	23n43	0n24	9n27	1s42	18n11	0n41	13s21	2n25	17s41	0n17	21n36	1s22	12n12	10s14	13s 3	12s32	7n57	8s17	0s12

Julian Day Number = 2413711.5, Delta T = -4.75 sec
Ecliptic obliquity = 23°27'17, Nutation = 0°00'08, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°17'37, Lahiri = 22°24'38

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ASTRODIENST EPHEMERIS for the year 1896
geocentric

JULY 1896 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	18 38 10	9♋35'36	17♓ 5	18♊51	7♋14	29♈28	11♌ 2	12°R37	20°R46	18♊36	12♊52	25♒29	26♒53	11♈47	20♎45	W 1
T 2	18 42 7	10°32'47	29° 1	19°34	8°27	0♉11	11°14	12♏35	20♏44	18°38	12°54	25°30	26°50	11°54	20°47	T 2
F 3	18 46 4	11°29'59	10♈52	20°22	9°41	0°53	11°27	12°34	20°43	18°40	12°55	25°R31	26°47	12° 1	20°48	F 3
S 4	18 50 0	12°27'11	22°44	21°15	10°55	1°35	11°39	12°33	20°42	18°42	12°56	25°30	26°44	12° 7	20°50	S 4
S 5	18 53 57	13°24'23	4♉41	22°12	12° 9	2°18	11°51	12°32	20°41	18°44	12°57	25°28	26°41	12°14	20°52	S 5
M 6	18 57 53	14°21'36	16°49	23°14	13°22	3° 0	12° 3	12°31	20°39	18°46	12°59	25°24	26°37	12°21	20°54	M 6
T 7	19 1 50	15°18'49	29°10	24°20	14°36	3°42	12°16	12°30	20°38	18°48	13° 0	25°19	26°34	12°27	20°56	T 7
W 8	19 5 46	16°16'02	11♊47	25°30	15°50	4°23	12°28	12°29	20°37	18°50	13° 1	25°12	26°31	12°34	20°58	W 8
T 9	19 9 43	17°13'16	24°43	26°45	17° 4	5° 5	12°41	12°28	20°36	18°52	13° 2	25° 6	26°28	12°41	21° 0	T 9
F 10	19 13 39	18°10'30	7♋57	28° 4	18°18	5°47	12°53	12°27	20°35	18°54	13° 3	25° 0	26°25	12°47	21° 3	F 10
S 11	19 17 36	19° 7'45	21°28	29°27	19°31	6°28	13° 6	12°27	20°34	18°56	13° 4	24°55	26°21	12°54	21° 5	S 11
S 12	19 21 33	20° 4'59	5♌14	0♋54	20°45	7°10	13°18	12°27	20°33	18°58	13° 6	24°52	26°18	13° 1	21° 8	S 12
M13	19 25 29	21° 2'14	19°12	2°25	21°59	7°51	13°31	12°26	20°33	19° 0	13° 7	24°D51	26°15	13° 7	21°11	M13
T 14	19 29 26	21°59'29	3♍18	4° 0	23°13	8°32	13°43	12°26	20°32	19° 2	13° 8	24°51	26°12	13°14	21°13	T 14
W15	19 33 22	22°56'44	17°30	5°38	24°27	9°13	13°56	12°26	20°31	19° 4	13° 9	24°52	26° 9	13°21	21°16	W15
T 16	19 37 19	23°53'59	1♎44	7°21	25°41	9°54	14° 9	12°D26	20°30	19° 6	13°10	24°53	26° 6	13°27	21°19	T 16
F 17	19 41 15	24°51'15	15°59	9° 7	26°55	10°35	14°22	12°26	20°30	19° 8	13°11	24°55	26° 2	13°34	21°22	F 17
S 18	19 45 12	25°48'30	0♏11	10°56	28° 8	11°16	14°34	12°26	20°29	19°10	13°12	24°R55	25°59	13°41	21°26	S 18
S 19	19 49 8	26°45'46	14°18	12°48	29°22	11°56	14°47	12°26	20°29	19°12	13°13	24°54	25°56	13°48	21°29	S 19
M20	19 53 5	27°43'02	28°19	14°42	0♌36	12°37	15° 0	12°27	20°28	19°14	13°14	24°51	25°53	13°54	21°32	M20
T 21	19 57 2	28°40'18	12♐12	16°40	1°50	13°17	15°13	12°27	20°28	19°15	13°15	24°48	25°50	14° 1	21°36	T 21
W22	20 0 58	29°37'35	25°54	18°39	3° 4	13°58	15°26	12°28	20°27	19°17	13°16	24°45	25°47	14° 8	21°39	W22
T 23	20 4 55	0♌34'52	9♑23	20°41	4°18	14°38	15°39	12°28	20°27	19°19	13°17	24°41	25°43	14°14	21°43	T 23
F 24	20 8 51	1°32'10	22°37	22°44	5°32	15°18	15°52	12°29	20°27	19°21	13°18	24°38	25°40	14°21	21°47	F 24
S 25	20 12 48	2°29'28	5♒36	24°49	6°46	15°57	16° 4	12°30	20°26	19°23	13°19	24°36	25°37	14°28	21°51	S 25
S 26	20 16 44	3°26'47	18°18	26°54	8° 0	16°37	16°17	12°31	20°26	19°24	13°20	24°35	25°34	14°34	21°55	S 26
M27	20 20 41	4°24'07	0♓46	29° 0	9°14	17°17	16°30	12°32	20°26	19°26	13°21	24°D35	25°31	14°41	21°59	M27
T 28	20 24 37	5°21'28	13° 0	1♌ 6	10°28	17°56	16°43	12°33	20°26	19°28	13°22	24°36	25°27	14°48	22° 3	T 28
W29	20 28 34	6°18'49	25° 2	3°12	11°42	18°36	16°56	12°34	20°D26	19°29	13°23	24°37	25°24	14°54	22° 7	W29
T 30	20 32 31	7°16'12	6♈58	5°18	12°56	19°15	17° 9	12°36	20°26	19°31	13°24	24°39	25°21	15° 1	22°12	T 30
F 31	20 36 27	8♌13'36	18♈49	7♌24	14♌10	19♉54	17♌22	12♏37	20♏26	19♊33	13♊25	24♒40	25♒18	15♈ 8	22♎16	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n 6	3s21	1n54	19n24	3s36	23n42	0n26	9n42	1s42	18n 8	0n41	13s20	2n24	17s41	0n17	21n36	1s22	12n12	10s14	13s 2	12s34	8n 1	8s18	0s12
T 2	23 2	2n14	2 51	19 38	3 26	23 40	0 29	9 57	1 42	18 5	0 41	13 20	2 24	17 41	0 17	21 36	1 22	12 12	10 14	13 2	12 35	8 4	8 18	0 12
F 3	22 57	7 41	3 41	19 52	3 15	23 37	0 31	10 12	1 41	18 1	0 41	13 20	2 24	17 40	0 17	21 36	1 22	12 13	10 14	13 1	12 36	8 7	8 18	0 11
S 4	22 52	12 53	4 21	20 7	3 4	23 33	0 33	10 27	1 41	17 58	0 41	13 20	2 24	17 40	0 17	21 36	1 22	12 13	10 14	13 2	12 37	8 10	8 18	0 11
S 5	22 47	17 38	4 50	20 22	2 52	23 29	0 35	10 42	1 41	17 54	0 41	13 20	2 23	17 40	0 17	21 36	1 22	12 13	10 14	13 2	12 38	8 13	8 19	0 10
M 6	22 41	21 45	5 6	20 37	2 40	23 24	0 37	10 56	1 41	17 51	0 41	13 20	2 23	17 40	0 17	21 37	1 22	12 13	10 14	13 4	12 39	8 17	8 19	0 10
T 7	22 35	25 0	5 9	20 53	2 27	23 18	0 39	11 11	1 41	17 48	0 41	13 20	2 23	17 39	0 17	21 37	1 22	12 13	10 14	13 6	12 40	8 20	8 20	0 10
W 8	22 28	27 7	4 57	21 8	2 15	23 12	0 42	11 25	1 40	17 44	0 41	13 20	2 23	17 39	0 17	21 37	1 22	12 13	10 14	13 8	12 41	8 23	8 20	0 9
T 9	22 21	27 50	4 30	21 23	2 2	23 5	0 44	11 39	1 40	17 41	0 41	13 20	2 22	17 39	0 17	21 37	1 22	12 13	10 14	13 10	12 42	8 26	8 21	0 9
F 10	22 13	27 0	3 48	21 38	1 48	22 57	0 46	11 53	1 40	17 37	0 41	13 20	2 22	17 39	0 17	21 37	1 22	12 13	10 14	13 12	12 43	8 29	8 21	0 9
S 11	22 5	24 34	2 52	21 52	1 35	22 49	0 48	12 7	1 39	17 34	0 41	13 20	2 22	17 38	0 17	21 37	1 23	12 13	10 14	13 13	12 44	8 32	8 22	0 8
S 12	21 57	20 40	1 45	22 5	1 22	22 40	0 50	12 21	1 39	17 30	0 41	13 20	2 21	17 38	0 17	21 38	1 23	12 13	10 15	13 14	12 45	8 36	8 22	0 8
M13	21 48	15 34	0 31	22 17	1 9	22 30	0 51	12 35	1 39	17 26	0 42	13 20	2 21	17 38	0 17	21 38	1 23	12 13	10 15	13 15	12 46	8 39	8 23	0 8
T 14	21 39	9 35	0s46	22 28	0 55	22 20	0 53	12 48	1 39	17 23	0 42	13 20	2 21	17 38	0 17	21 38	1 23	12 13	10 15	13 15	12 48	8 42	8 24	0 7
W15	21 30	3 5	2 1	22 38	0 42	22 9	0 55	13 1	1 38	17 19	0 42	13 21	2 21	17 38	0 17	21 38	1 23	12 13	10 15	13 14	12 49	8 45	8 25	0 7
T 16	21 20	3s34	3 8	22 46	0 29	21 57	0 57	13 15	1 38	17 16	0 42	13 21	2 20	17 37	0 16	21 38	1 23	12 13	10 15	13 14	12 50	8 48	8 25	0 7
F 17	21 10	10 2	4 4	22 52	0 17	21 45	0 59	13 28	1 38	17 12	0 42	13 21	2 20	17 37	0 16	21 38	1 23	12 13	10 15	13 14	12 51	8 51	8 26	0 6
S 18	21 0	15 59	4 45	22 56	0 4	21 32	1 0	13 41	1 37	17 8	0 42	13 21	2 20	17 37	0 16	21 38	1 23	12 13	10 15	13 14	12 52	8 55	8 27	0 6
S 19	20 49	21 2	5 8	22 58	0n 8	21 18	1 2	13 54	1 37	17 4	0 42	13 22	2 20	17 37	0 16	21 39	1 23	12 13	10 15	13 14	12 53	8 58	8 28	0 6
M20	20 38	24 53	5 13	22 58	0 19	21 4	1 4	14 6	1 36	17 1	0 42	13 22	2 19	17 37	0 16	21 39	1 23	12 13	10 15	13 15	12 54	9 1	8 29	0 5
T 21	20 26	27 13	4 59	22 55	0 30	20 50	1 5	14 19	1 36	16 57	0 42	13 22	2 19	17 37	0 16	21 39	1 23	12 13	10 15	13 16	12 55	9 4	8 30	0 5
W22	20 15	27 52	4 28	22 49	0 40	20 34	1 7	14 31	1 36	16 53	0 42	13 23	2 19	17 37	0 16	21 39	1 23	12 13	10 16	13 17	12 56	9 7	8 31	0 5
T 23	20 2	26 50	3 43	22 41	0 50	20 18	1 8	14 43	1 35	16 49	0 42	13 23	2 19	17 37	0 16	21 39	1 23	12 13	10 16	13 18	12 57	9 10	8 32	0 4
F 24	19 50	24 18	2 47	22 30	0 59	20 2	1 10	14 55	1 35	16 46	0 42	13 24	2 18	17 37	0 16	21 39	1 23	12 13	10 16	13 19	12 58	9 14	8 33	0 4
S 25	19 37	20 33	1 43	22 17	1 7	19 44	1 11	15 7	1 34	16 42	0 42	13 24	2 18	17 37	0 16	21 39	1 23	12 13	10 16	13 20	12 59	9 17	8 34	0 4
S 26	19 24	15 54	0 35	22 1	1 15	19 27	1 12	15 19	1 34	16 38	0 42	13 25	2 18	17 37	0 16	21 39	1 23	12 13	10 16	13 20	13 0	9 20	8 36	0 3
M27	19 10	10 41	0n34	21 42	1 21	19 9	1 14	15 31	1 33	16 34	0 42	13 25	2 18	17 37	0 16	21 39	1 23	12 13	10 16	13 20	13 2	9 23	8 37	0 3
T 28	18 57	5 9	1 40	21 21	1 27	18 50	1 15	15 42	1 33	16 30	0 42	13 26	2 17	17 37	0 16	21 40	1 23	12 13	10 16	13 20	13 3	9 26	8 38	0 3
W29	18 42	0n29	2 40	20 57	1 32	18 30	1 16	15 54	1 32	16 26	0 42	13 27	2 17	17 37	0 16	21 40	1 23	12 13	10 16	13 19	13 4	9 29	8 39	0 2
T 30	18 28	6 2	3 33	20 31	1 36	18 11	1 17	16 5	1 32	16 22	0 42	13 27	2 17	17 37	0 16	21 40	1 23	12 13	10 17	13 19	13 5	9 32	8 41	0 2
F 31	18n13	11n20	4n17	20n 3	1n40	17n50	1n18	16n16	1s31	16n19	0n42	13s28	2n16	17s37	0n16	21n40	1s23	12n13	10s17	13s19	13s 6	9n35	8s42	0s 2

Julian Day Number = 2413741.5, Delta T = -4.72 sec
Ecliptic obliquity = 23°27'17, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°17'41, Lahiri = 22°24'42

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ASTRODIENST EPHEMERIS for the year 1896
geocentric

AUGUST 1896 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 40 24	9♌11'01	0♉41	9♌29	15♌24	20♉33	17♌36	12♏38	20♏26	19♊34	13♊26	24♒41	25♒15	15♈15	22♎21	S 1
S 2	20 44 20	10° 8'27	12°38	11°33	16°38	21°11	17°49	12°40	20°26	19°36	13°27	24°R41	25°12	15°21	22°26	S 2
M 3	20 48 17	11° 5'54	24°46	13°36	17°52	21°50	18° 2	12°42	20°27	19°37	13°27	24°40	25° 8	15°28	22°30	M 3
T 4	20 52 13	12° 3'23	7♊ 8	15°37	19° 6	22°28	18°15	12°44	20°27	19°39	13°28	24°39	25° 5	15°35	22°35	T 4
W 5	20 56 10	13° 0'53	19°48	17°38	20°20	23° 7	18°28	12°45	20°27	19°40	13°29	24°38	25° 2	15°41	22°40	W 5
T 6	21 0 6	13°58'24	2♋49	19°37	21°34	23°45	18°41	12°47	20°28	19°42	13°30	24°37	24°59	15°48	22°45	T 6
F 7	21 4 3	14°55'56	16°12	21°35	22°48	24°23	18°54	12°50	20°28	19°43	13°30	24°35	24°56	15°55	22°50	F 7
S 8	21 8 0	15°53'30	29°58	23°32	24° 2	25° 0	19° 7	12°52	20°29	19°45	13°31	24°34	24°53	16° 1	22°55	S 8
S 9	21 11 56	16°51'05	14♌ 4	25°27	25°16	25°38	19°20	12°54	20°29	19°46	13°32	24°34	24°49	16° 8	23° 0	S 9
M10	21 15 53	17°48'41	28°26	27°21	26°30	26°15	19°34	12°56	20°30	19°48	13°33	24°D34	24°46	16°15	23° 6	M10
T 11	21 19 49	18°46'18	12♍59	29°13	27°44	26°53	19°47	12°59	20°30	19°49	13°33	24°34	24°43	16°21	23°11	T 11
W12	21 23 46	19°43'56	27°37	1♍ 3	28°58	27°30	20° 0	13° 1	20°31	19°50	13°34	24°34	24°40	16°28	23°17	W12
T 13	21 27 42	20°41'35	12♎14	2°53	0♍12	28° 7	20°13	13° 4	20°32	19°52	13°35	24°35	24°37	16°35	23°22	T 13
F 14	21 31 39	21°39'15	26°45	4°40	1°27	28°43	20°26	13° 7	20°33	19°53	13°35	24°35	24°33	16°42	23°28	F 14
S 15	21 35 35	22°36'56	11♏ 5	6°27	2°41	29°20	20°39	13°10	20°33	19°54	13°36	24°35	24°30	16°48	23°34	S 15
S 16	21 39 32	23°34'38	25°11	8°11	3°55	29°56	20°52	13°12	20°34	19°55	13°36	24°R35	24°27	16°55	23°40	S 16
M17	21 43 29	24°32'21	9♐ 2	9°55	5° 9	0♊32	21° 5	13°15	20°35	19°56	13°37	24°D35	24°24	17° 2	23°45	M17
T 18	21 47 25	25°30'06	22°38	11°37	6°23	1° 8	21°19	13°18	20°36	19°58	13°38	24°35	24°21	17° 8	23°51	T 18
W19	21 51 22	26°27'51	5♑58	13°17	7°37	1°44	21°32	13°22	20°37	19°59	13°38	24°35	24°18	17°15	23°57	W19
T 20	21 55 18	27°25'38	19° 4	14°56	8°51	2°19	21°45	13°25	20°39	20° 0	13°39	24°36	24°14	17°22	24° 4	T 20
F 21	21 59 15	28°23'25	1♒55	16°34	10° 5	2°54	21°58	13°28	20°40	20° 1	13°39	24°36	24°11	17°28	24°10	F 21
S 22	22 3 11	29°21'15	14°33	18°10	11°19	3°30	22°11	13°32	20°41	20° 2	13°40	24°36	24° 8	17°35	24°16	S 22
S 23	22 7 8	0♍19'05	26°58	19°45	12°34	4° 4	22°24	13°35	20°42	20° 3	13°40	24°R36	24° 5	17°42	24°22	S 23
M24	22 11 4	1°16'57	9♓13	21°19	13°48	4°39	22°37	13°39	20°43	20° 4	13°40	24°36	24° 2	17°48	24°29	M24
T 25	22 15 1	2°14'50	21°19	22°51	15° 2	5°13	22°50	13°42	20°45	20° 5	13°41	24°35	23°59	17°55	24°35	T 25
W26	22 18 58	3°12'45	3♈17	24°22	16°16	5°48	23° 3	13°46	20°46	20° 6	13°41	24°34	23°55	18° 2	24°42	W26
T 27	22 22 54	4°10'42	15°10	25°51	17°30	6°22	23°16	13°50	20°48	20° 7	13°42	24°33	23°52	18° 9	24°48	T 27
F 28	22 26 51	5° 8'41	27° 1	27°20	18°44	6°55	23°29	13°54	20°49	20° 8	13°42	24°32	23°49	18°15	24°55	F 28
S 29	22 30 47	6° 6'41	8♉53	28°46	19°58	7°29	23°42	13°58	20°51	20° 8	13°42	24°30	23°46	18°22	25° 2	S 29
S 30	22 34 44	7° 4'43	20°49	0♎12	21°13	8° 2	23°55	14° 2	20°52	20° 9	13°43	24°29	23°43	18°29	25° 8	S 30
M31	22 38 40	8♍ 2'47	2♊55	1♎36	22♍27	8♊35	24♌ 8	14♏ 6	20♏54	20♊10	13♊43	24°D29	23♒39	18♈35	25♎15	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	17n58	16n14	4n49	19n32	1n43	17n29	1n19	16n27	1s31	16n15	0n42	13s29	2n16	17s37	0n16	21n40	1s23	12n13	10s17	13s18	13s 7	9n39	8s43	0s 1
S 2	17 43	20 33	5 9	19 0	1 45	17 8	1 20	16 37	1 30	16 11	0 42	13 29	2 16	17 37	0 16	21 40	1 23	12 13	10 17	13 18	13 8	9 42	8 45	0 1
M 3	17 27	24 5	5 16	18 27	1 46	16 46	1 21	16 48	1 29	16 7	0 42	13 30	2 16	17 37	0 16	21 40	1 23	12 13	10 17	13 18	13 9	9 45	8 46	0 1
T 4	17 11	26 35	5 9	17 51	1 46	16 24	1 22	16 58	1 29	16 3	0 43	13 31	2 15	17 37	0 16	21 40	1 23	12 13	10 17	13 19	13 10	9 48	8 48	0 0
W 5	16 55	27 49	4 46	17 14	1 46	16 1	1 23	17 8	1 28	15 59	0 43	13 32	2 15	17 37	0 16	21 40	1 23	12 13	10 17	13 19	13 11	9 51	8 49	0n 0
T 6	16 39	27 34	4 9	16 36	1 45	15 38	1 23	17 19	1 27	15 55	0 43	13 33	2 15	17 37	0 16	21 40	1 23	12 13	10 18	13 20	13 12	9 54	8 51	0 0
F 7	16 22	25 44	3 17	15 57	1 44	15 15	1 24	17 28	1 27	15 51	0 43	13 34	2 15	17 37	0 16	21 40	1 23	12 13	10 18	13 20	13 13	9 57	8 53	0 1
S 8	16 5	22 19	2 12	15 17	1 42	14 51	1 24	17 38	1 26	15 47	0 43	13 34	2 14	17 37	0 16	21 41	1 23	12 13	10 18	13 20	13 14	10 0	8 54	0 1
S 9	15 48	17 33	0 58	14 36	1 39	14 26	1 25	17 48	1 25	15 43	0 43	13 35	2 14	17 38	0 16	21 41	1 23	12 13	10 18	13 21	13 15	10 4	8 56	0 1
M10	15 30	11 42	0s21	13 54	1 36	14 2	1 25	17 57	1 25	15 38	0 43	13 36	2 14	17 38	0 16	21 41	1 23	12 13	10 18	13 21	13 16	10 7	8 57	0 2
T 11	15 12	5 9	1 40	13 12	1 32	13 36	1 26	18 6	1 24	15 34	0 43	13 37	2 14	17 38	0 16	21 41	1 23	12 12	10 18	13 21	13 18	10 10	8 59	0 2
W12	14 54	1s42	2 53	12 29	1 28	13 11	1 26	18 16	1 23	15 30	0 43	13 38	2 13	17 38	0 16	21 41	1 23	12 12	10 19	13 20	13 19	10 13	9 1	0 2
T 13	14 36	8 26	3 55	11 46	1 24	12 45	1 26	18 25	1 23	15 26	0 43	13 39	2 13	17 38	0 16	21 41	1 23	12 12	10 19	13 20	13 20	10 16	9 3	0 3
F 14	14 18	14 40	4 41	11 2	1 19	12 19	1 26	18 33	1 22	15 22	0 43	13 40	2 13	17 39	0 16	21 41	1 23	12 12	10 19	13 20	13 21	10 19	9 5	0 3
S 15	13 59	20 2	5 8	10 18	1 14	11 52	1 26	18 42	1 21	15 18	0 43	13 41	2 13	17 39	0 16	21 41	1 23	12 12	10 19	13 20	13 22	10 22	9 6	0 3
S 16	13 40	24 12	5 17	9 34	1 8	11 25	1 26	18 50	1 20	15 14	0 43	13 43	2 12	17 39	0 16	21 41	1 23	12 12	10 19	13 20	13 23	10 25	9 8	0 3
M17	13 21	26 53	5 7	8 49	1 2	10 58	1 26	18 59	1 20	15 10	0 43	13 44	2 12	17 39	0 16	21 41	1 23	12 12	10 19	13 20	13 24	10 28	9 10	0 4
T 18	13 2	27 55	4 40	8 5	0 56	10 31	1 26	19 7	1 19	15 6	0 43	13 45	2 12	17 40	0 16	21 41	1 24	12 12	10 20	13 20	13 25	10 31	9 12	0 4
W19	12 42	27 17	3 58	7 20	0 50	10 3	1 26	19 15	1 18	15 1	0 44	13 46	2 12	17 40	0 16	21 41	1 24	12 12	10 20	13 20	13 26	10 34	9 14	0 4
T 20	12 22	25 9	3 5	6 36	0 43	9 35	1 26	19 23	1 17	14 57	0 44	13 47	2 11	17 40	0 16	21 41	1 24	12 12	10 20	13 20	13 27	10 37	9 16	0 5
F 21	12 2	21 44	2 3	5 51	0 36	9 7	1 26	19 30	1 16	14 53	0 44	13 48	2 11	17 41	0 16	21 41	1 24	12 11	10 20	13 20	13 28	10 41	9 18	0 5
S 22	11 42	17 22	0 56	5 7	0 29	8 38	1 25	19 38	1 15	14 49	0 44	13 50	2 11	17 41	0 16	21 41	1 24	12 11	10 20	13 20	13 29	10 44	9 20	0 5
S 23	11 22	12 19	0n13	4 23	0 21	8 9	1 25	19 45	1 14	14 45	0 44	13 51	2 11	17 41	0 16	21 41	1 24	12 11	10 20	13 20	13 30	10 47	9 22	0 6
M24	11 2	6 53	1 20	3 39	0 13	7 41	1 24	19 53	1 14	14 41	0 44	13 52	2 10	17 42	0 16	21 41	1 24	12 11	10 21	13 20	13 31	10 50	9 24	0 6
T 25	10 41	1 16	2 23	2 56	0 6	7 11	1 24	20 0	1 13	14 36	0 44	13 54	2 10	17 42	0 16	21 41	1 24	12 11	10 21	13 20	13 32	10 53	9 26	0 6
W26	10 20	4n20	3 18	2 12	0s 2	6 42	1 23	20 7	1 12	14 32	0 44	13 55	2 10	17 43	0 16	21 42	1 24	12 11	10 21	13 20	13 33	10 56	9 28	0 7
T 27	9 59	9 44	4 5	1 29	0 10	6 12	1 23	20 13	1 11	14 28	0 44	13 56	2 10	17 43	0 16	21 42	1 24	12 11	10 21	13 21	13 34	10 59	9 30	0 7
F 28	9 38	14 46	4 41	0 47	0 19	5 43	1 22	20 20	1 10	14 24	0 44	13 58	2 9	17 43	0 15	21 42	1 24	12 11	10 21	13 21	13 35	11 2	9 33	0 7
S 29	9 17	19 16	5 5	0 5	0 27	5 13	1 21	20 27	1 9	14 20	0 44	13 59	2 9	17 44	0 15	21 42	1 24	12 10	10 22	13 22	13 37	11 5	9 35	0 7
S 30	8 55	23 2	5 16	0s37	0 35	4 43	1 20	20 33	1 8	14 15	0 45	14 0	2 9	17 44	0 15	21 42	1 24	12 10	10 22	13 22	13 38	11 8	9 37	0 8
M31	8n33	25n52	5n13	1s18	0s44	4n13	1n19	20n39	1s 7	14n11	0n45	14s 2	2n 9	17s45	0n15	21n42	1s24	12n10	10s22	13s22	13s39	11n11	9s39	0n 8

Julian Day Number = 2413772.5, Delta T = -4.68 sec
Ecliptic obliquity = 23°27'17, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°17'46, Lahiri = 22°24'46

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ASTRODIENST EPHEMERIS for the year 1896
geocentric

SEPTEMBER 1896 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 42 37	9♍ 0'54	15♊14	2♎58	23♍41	9♊ 8	24♌21	14♏10	20♏56	20♊11	13♊43	24♒29	23♒36	18♈42	25♎22	T 1
W 2	22 46 33	9°59'02	27°51	4°19	24°55	9°40	24°34	14°15	20°57	20°11	13°43	24°29	23°33	18°49	25°29	W 2
T 3	22 50 30	10°57'12	10♋50	5°38	26° 9	10°12	24°47	14°19	20°59	20°12	13°44	24°30	23°30	18°55	25°36	T 3
F 4	22 54 27	11°55'24	24°13	6°56	27°23	10°44	25° 0	14°23	21° 1	20°13	13°44	24°32	23°27	19° 2	25°43	F 4
S 5	22 58 23	12°53'38	8♌ 2	8°13	28°37	11°16	25°12	14°28	21° 3	20°13	13°44	24°33	23°24	19° 9	25°50	S 5
S 6	23 2 20	13°51'54	22°17	9°27	29°52	11°47	25°25	14°32	21° 5	20°14	13°44	24°R33	23°20	19°16	25°57	S 6
M 7	23 6 16	14°50'12	6♍54	10°40	1♎ 6	12°18	25°38	14°37	21° 7	20°14	13°44	24°33	23°17	19°22	26° 5	M 7
T 8	23 10 13	15°48'31	21°48	11°51	2°20	12°49	25°51	14°42	21° 9	20°15	13°44	24°32	23°14	19°29	26°12	T 8
W 9	23 14 9	16°46'53	6♎50	13° 0	3°34	13°20	26° 3	14°47	21°11	20°15	13°44	24°29	23°11	19°36	26°19	W 9
T 10	23 18 6	17°45'16	21°51	14° 7	4°48	13°50	26°16	14°51	21°13	20°16	13°45	24°26	23° 8	19°42	26°27	T 10
F 11	23 22 2	18°43'40	6♏44	15°12	6° 2	14°20	26°29	14°56	21°15	20°16	13°45	24°23	23° 4	19°49	26°34	F 11
S 12	23 25 59	19°42'07	21°20	16°15	7°17	14°49	26°41	15° 1	21°17	20°17	13°45	24°20	23° 1	19°56	26°42	S 12
S 13	23 29 56	20°40'35	5♐35	17°15	8°31	15°18	26°54	15° 6	21°20	20°17	13°R45	24°19	22°58	20° 2	26°49	S 13
M14	23 33 52	21°39'05	19°27	18°13	9°45	15°47	27° 6	15°12	21°22	20°17	13°45	24°D18	22°55	20° 9	26°57	M14
T 15	23 37 49	22°37'36	2♑57	19° 8	10°59	16°16	27°19	15°17	21°24	20°18	13°45	24°18	22°52	20°16	27° 4	T 15
W16	23 41 45	23°36'09	16° 5	20° 0	12°13	16°44	27°31	15°22	21°27	20°18	13°45	24°19	22°49	20°23	27°12	W16
T 17	23 45 42	24°34'43	28°54	20°48	13°27	17°12	27°44	15°27	21°29	20°18	13°44	24°21	22°45	20°29	27°20	T 17
F 18	23 49 38	25°33'20	11♒28	21°34	14°41	17°39	27°56	15°33	21°31	20°18	13°44	24°22	22°42	20°36	27°28	F 18
S 19	23 53 35	26°31'57	23°49	22°15	15°55	18° 6	28° 8	15°38	21°34	20°18	13°44	24°R23	22°39	20°43	27°35	S 19
S 20	23 57 31	27°30'37	5♓59	22°53	17°10	18°33	28°20	15°44	21°36	20°18	13°44	24°22	22°36	20°49	27°43	S 20
M21	0 1 28	28°29'19	18° 3	23°27	18°24	18°59	28°33	15°49	21°39	20°19	13°44	24°20	22°33	20°56	27°51	M21
T 22	0 5 25	29°28'02	0♈ 0	23°55	19°38	19°25	28°45	15°55	21°42	20°19	13°44	24°16	22°30	21° 3	27°59	T 22
W23	0 9 21	0♎26'47	11°54	24°19	20°52	19°51	28°57	16° 1	21°44	20°R19	13°43	24°10	22°26	21° 9	28° 7	W23
T 24	0 13 18	1°25'35	23°45	24°37	22° 6	20°16	29° 9	16° 6	21°47	20°19	13°43	24° 4	22°23	21°16	28°15	T 24
F 25	0 17 14	2°24'24	5♉36	24°50	23°20	20°40	29°21	16°12	21°50	20°19	13°43	23°57	22°20	21°23	28°23	F 25
S 26	0 21 11	3°23'16	17°29	24°R56	24°34	21° 5	29°33	16°18	21°52	20°18	13°43	23°50	22°17	21°30	28°31	S 26
S 27	0 25 7	4°22'10	29°27	24°56	25°48	21°29	29°45	16°24	21°55	20°18	13°42	23°44	22°14	21°36	28°39	S 27
M28	0 29 4	5°21'06	11♊32	24°48	27° 2	21°52	29°57	16°30	21°58	20°18	13°42	23°39	22°10	21°43	28°47	M28
T 29	0 33 0	6°20'05	23°49	24°34	28°16	22°15	0♍ 8	16°36	22° 1	20°18	13°42	23°36	22° 7	21°50	28°55	T 29
W30	0 36 57	7♎19'06	6♋21	24♎11	29♎30	22♊38	0♍20	16♏42	22♏ 4	20♊18	13♊41	23°D35	22♒ 4	21♈56	29♎ 4	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n12	27n32	4n56	1s59	0s52	3n42	1n18	20n45	1s 6	14n 7	0n45	14s 3	2n 9	17s45	0n15	21n42	1s24	12n10	10s22	13s22	13s40	11n14	9s41	0n 8
W 2	7 50	27 50	4 24	2 39	1 1	3 12	1 17	20 51	1 5	14 3	0 45	14 5	2 8	17 46	0 15	21 42	1 24	12 10	10 22	13 22	13 41	11 17	9 44	0 9
T 3	7 28	26 39	3 39	3 18	1 10	2 41	1 16	20 57	1 3	13 59	0 45	14 6	2 8	17 46	0 15	21 42	1 24	12 10	10 22	13 22	13 42	11 20	9 46	0 9
F 4	7 6	23 54	2 40	3 57	1 18	2 11	1 15	21 3	1 2	13 54	0 45	14 8	2 8	17 47	0 15	21 42	1 24	12 9	10 23	13 21	13 43	11 23	9 48	0 9
S 5	6 43	19 43	1 30	4 35	1 27	1 40	1 13	21 8	1 1	13 50	0 45	14 9	2 8	17 47	0 15	21 42	1 24	12 9	10 23	13 21	13 44	11 26	9 51	0 9
S 6	6 21	14 17	0 13	5 13	1 36	1 9	1 12	21 13	1 0	13 46	0 45	14 11	2 8	17 48	0 15	21 42	1 24	12 9	10 23	13 21	13 45	11 29	9 53	0 10
M 7	5 59	7 56	1s 8	5 49	1 44	0 39	1 11	21 19	0 59	13 42	0 45	14 12	2 7	17 48	0 15	21 42	1 24	12 9	10 23	13 21	13 46	11 32	9 55	0 10
T 8	5 36	1 3	2 24	6 25	1 53	0 8	1 9	21 24	0 58	13 38	0 45	14 14	2 7	17 49	0 15	21 42	1 24	12 9	10 23	13 21	13 47	11 35	9 58	0 10
W 9	5 13	5s57	3 32	7 0	2 1	0s23	1 8	21 29	0 57	13 33	0 46	14 16	2 7	17 49	0 15	21 42	1 24	12 9	10 24	13 22	13 48	11 38	10 0	0 11
T 10	4 51	12 37	4 25	7 34	2 10	0 54	1 6	21 34	0 55	13 29	0 46	14 17	2 7	17 50	0 15	21 42	1 24	12 8	10 24	13 23	13 49	11 41	10 2	0 11
F 11	4 28	18 28	4 59	8 7	2 18	1 25	1 5	21 38	0 54	13 25	0 46	14 19	2 6	17 50	0 15	21 42	1 24	12 8	10 24	13 24	13 50	11 44	10 5	0 11
S 12	4 5	23 9	5 13	8 38	2 26	1 56	1 3	21 43	0 53	13 21	0 46	14 20	2 6	17 51	0 15	21 42	1 24	12 8	10 24	13 25	13 51	11 47	10 7	0 12
S 13	3 42	26 18	5 8	9 9	2 34	2 26	1 1	21 47	0 52	13 17	0 46	14 22	2 6	17 52	0 15	21 42	1 25	12 8	10 24	13 26	13 52	11 50	10 10	0 12
M14	3 19	27 46	4 44	9 38	2 42	2 57	0 59	21 52	0 50	13 12	0 46	14 24	2 6	17 52	0 15	21 42	1 25	12 8	10 24	13 26	13 53	11 53	10 12	0 12
T 15	2 56	27 31	4 5	10 6	2 49	3 28	0 58	21 56	0 49	13 8	0 46	14 25	2 6	17 53	0 15	21 42	1 25	12 8	10 25	13 26	13 54	11 56	10 15	0 12
W16	2 33	25 42	3 15	10 33	2 57	3 59	0 56	22 0	0 48	13 4	0 46	14 27	2 6	17 54	0 15	21 42	1 25	12 7	10 25	13 25	13 55	11 59	10 17	0 13
T 17	2 9	22 36	2 15	10 58	3 4	4 29	0 54	22 4	0 46	13 0	0 46	14 29	2 5	17 54	0 15	21 42	1 25	12 7	10 25	13 25	13 56	12 2	10 20	0 13
F 18	1 46	18 29	1 10	11 21	3 10	5 0	0 52	22 8	0 45	12 56	0 47	14 31	2 5	17 55	0 15	21 41	1 25	12 7	10 25	13 24	13 57	12 5	10 22	0 13
S 19	1 23	13 39	0 3	11 42	3 16	5 30	0 50	22 12	0 43	12 52	0 47	14 32	2 5	17 55	0 15	21 41	1 25	12 7	10 25	13 24	13 58	12 8	10 25	0 14
S 20	0 59	8 21	1n 3	12 2	3 22	6 1	0 48	22 16	0 42	12 47	0 47	14 34	2 5	17 56	0 15	21 41	1 25	12 7	10 26	13 24	13 59	12 11	10 27	0 14
M21	0 36	2 48	2 6	12 19	3 28	6 31	0 45	22 20	0 40	12 43	0 47	14 36	2 5	17 57	0 15	21 41	1 25	12 6	10 26	13 25	14 0	12 14	10 30	0 14
T 22	0 13	2n47	3 2	12 34	3 32	7 1	0 43	22 23	0 39	12 39	0 47	14 38	2 4	17 58	0 15	21 41	1 25	12 6	10 26	13 26	14 2	12 17	10 32	0 14
W23	0s11	8 14	3 50	12 47	3 36	7 31	0 41	22 27	0 37	12 35	0 47	14 39	2 4	17 58	0 15	21 41	1 25	12 6	10 26	13 28	14 3	12 20	10 35	0 15
T 24	0 34	13 22	4 28	12 57	3 40	8 1	0 39	22 30	0 36	12 31	0 47	14 41	2 4	17 59	0 15	21 41	1 25	12 6	10 26	13 31	14 4	12 23	10 38	0 15
F 25	0 57	18 1	4 54	13 4	3 42	8 30	0 37	22 33	0 34	12 27	0 48	14 43	2 4	18 0	0 15	21 41	1 25	12 6	10 26	13 33	14 5	12 26	10 40	0 15
S 26	1 21	21 58	5 7	13 7	3 43	9 0	0 34	22 37	0 33	12 23	0 48	14 45	2 4	18 0	0 15	21 41	1 25	12 5	10 27	13 35	14 6	12 29	10 43	0 16
S 27	1 44	25 3	5 8	13 8	3 44	9 29	0 32	22 40	0 31	12 19	0 48	14 47	2 4	18 1	0 15	21 41	1 25	12 5	10 27	13 37	14 7	12 32	10 45	0 16
M28	2 8	27 3	4 55	13 4	3 43	9 58	0 29	22 43	0 30	12 15	0 48	14 48	2 3	18 2	0 15	21 41	1 25	12 5	10 27	13 39	14 8	12 35	10 48	0 16
T 29	2 31	27 46	4 28	12 57	3 41	10 27	0 27	22 46	0 28	12 11	0 48	14 50	2 3	18 3	0 15	21 41	1 25	12 5	10 27	13 40	14 9	12 38	10 51	0 16
W30	2s54	27n 5	3n48	12s45	3s37	10s55	0n24	22n49	0s26	12n 7	0n48	14s52	2n 3	18s 3	0n15	21n41	1s25	12n 5	10s27	13s40	14s10	12n41	10s53	0n17

Julian Day Number = 2413803.5, Delta T = -4.65 sec
Ecliptic obliquity = 23°27'17, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°17'50, Lahiri = 22°24'50

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ASTRODIENST EPHEMERIS for the year 1896
geocentric

OCTOBER 1896 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	0 40 54	8♎18'09	19♋13	23°R41	0♏44	23♊ 0	0♍32	16♏48	22♏ 6	20°R17	13°R41	23♒36	22♒ 1	22♈ 3	29♎12	T 1
F 2	0 44 50	9°17'14	2♌29	23♎ 4	1°58	23°21	0°43	16°54	22° 9	20♊17	13♊41	23°37	21°58	22°10	29°20	F 2
S 3	0 48 47	10°16'22	16°12	22°18	3°12	23°42	0°55	17° 0	22°12	20°17	13°40	23°38	21°55	22°16	29°28	S 3
S 4	0 52 43	11°15'32	0♍23	21°26	4°26	24° 3	1° 6	17° 6	22°15	20°16	13°40	23°R38	21°51	22°23	29°37	S 4
M 5	0 56 40	12°14'44	15° 0	20°27	5°41	24°23	1°18	17°13	22°18	20°16	13°39	23°36	21°48	22°30	29°45	M 5
T 6	1 0 36	13°13'59	29°59	19°23	6°55	24°42	1°29	17°19	22°22	20°16	13°39	23°32	21°45	22°37	29°53	T 6
W 7	1 4 33	14°13'15	15♎14	18°15	8° 9	25° 1	1°40	17°25	22°25	20°15	13°38	23°26	21°42	22°43	0♏ 2	W 7
T 8	1 8 29	15°12'34	0♏32	17° 4	9°23	25°19	1°51	17°32	22°28	20°15	13°38	23°19	21°39	22°50	0°10	T 8
F 9	1 12 26	16°11'54	15°43	15°53	10°37	25°37	2° 2	17°38	22°31	20°14	13°37	23°10	21°36	22°57	0°18	F 9
S 10	1 16 22	17°11'17	0♐36	14°42	11°51	25°54	2°13	17°45	22°34	20°14	13°37	23° 3	21°32	23° 3	0°27	S 10
S 11	1 20 19	18°10'41	15° 5	13°36	13° 5	26°11	2°24	17°51	22°37	20°13	13°36	22°57	21°29	23°10	0°35	S 11
M12	1 24 16	19°10'08	29° 6	12°34	14°19	26°27	2°35	17°58	22°41	20°12	13°36	22°53	21°26	23°17	0°44	M12
T 13	1 28 12	20° 9'36	12♑39	11°39	15°33	26°43	2°46	18° 4	22°44	20°12	13°35	22°51	21°23	23°24	0°52	T 13
W14	1 32 9	21° 9'05	25°45	10°53	16°46	26°57	2°57	18°11	22°47	20°11	13°34	22°D51	21°20	23°30	1° 1	W14
T 15	1 36 5	22° 8'37	8♒28	10°17	18° 0	27°12	3° 7	18°18	22°50	20°10	13°34	22°51	21°16	23°37	1° 9	T 15
F 16	1 40 2	23° 8'10	20°53	9°51	19°14	27°25	3°18	18°24	22°54	20°10	13°33	22°R52	21°13	23°44	1°18	F 16
S 17	1 43 58	24° 7'45	3♓ 4	9°37	20°28	27°38	3°28	18°31	22°57	20° 9	13°32	22°51	21°10	23°50	1°26	S 17
S 18	1 47 55	25° 7'21	15° 5	9°D33	21°42	27°50	3°38	18°38	23° 1	20° 8	13°32	22°49	21° 7	23°57	1°35	S 18
M19	1 51 51	26° 7'00	27° 1	9°41	22°56	28° 2	3°49	18°45	23° 4	20° 7	13°31	22°44	21° 4	24° 4	1°43	M19
T 20	1 55 48	27° 6'40	8♈53	9°59	24°10	28°12	3°59	18°51	23° 7	20° 6	13°30	22°36	21° 1	24°10	1°52	T 20
W21	1 59 45	28° 6'22	20°44	10°28	25°24	28°23	4° 9	18°58	23°11	20° 6	13°30	22°25	20°57	24°17	2° 0	W21
T 22	2 3 41	29° 6'06	2♉36	11° 5	26°38	28°32	4°19	19° 5	23°14	20° 5	13°29	22°13	20°54	24°24	2° 9	T 22
F 23	2 7 38	0♏ 5'52	14°30	11°51	27°52	28°41	4°29	19°12	23°18	20° 4	13°28	22° 0	20°51	24°31	2°17	F 23
S 24	2 11 34	1° 5'41	26°28	12°45	29° 5	28°49	4°38	19°19	23°21	20° 3	13°27	21°47	20°48	24°37	2°26	S 24
S 25	2 15 31	2° 5'31	8♊31	13°46	0♐19	28°56	4°48	19°26	23°25	20° 2	13°26	21°35	20°45	24°44	2°34	S 25
M26	2 19 27	3° 5'24	20°41	14°53	1°33	29° 2	4°57	19°33	23°28	20° 1	13°26	21°26	20°41	24°51	2°43	M26
T 27	2 23 24	4° 5'18	3♋ 1	16° 5	2°47	29° 8	5° 7	19°40	23°32	20° 0	13°25	21°19	20°38	24°57	2°52	T 27
W28	2 27 20	5° 5'15	15°33	17°22	4° 1	29°13	5°16	19°47	23°35	19°59	13°24	21°15	20°35	25° 4	3° 0	W28
T 29	2 31 17	6° 5'14	28°22	18°42	5°14	29°17	5°25	19°54	23°39	19°57	13°23	21°14	20°32	25°11	3° 9	T 29
F 30	2 35 14	7° 5'15	11♌31	20° 6	6°28	29°20	5°35	20° 1	23°43	19°56	13°22	21°D14	20°29	25°18	3°17	F 30
S 31	2 39 10	8♏ 5'19	25♌ 3	21♎32	7♐42	29♊22	5♍44	20♏ 8	23♏46	19♊55	13♊21	21°R14	20♒26	25♈24	3♏26	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	3s18	24n58	2n55	12s29	3s32	11s24	0n22	22n52	0s25	12n 3	0n48	14s54	2n 3	18s 4	0n15	21n41	1s25	12n 4	10s27	13s40	14s11	12n44	10s56	0n17
F 2	3 41	21 26	1 52	12 9	3 25	11 52	0 19	22 55	0 23	11 59	0 48	14 56	2 3	18 5	0 15	21 41	1 25	12 4	10 28	13 39	14 12	12 47	10 59	0 17
S 3	4 4	16 38	0 40	11 44	3 17	12 20	0 17	22 57	0 21	11 55	0 49	14 58	2 3	18 6	0 15	21 41	1 25	12 4	10 28	13 39	14 13	12 50	11 1	0 18
S 4	4 27	10 47	0s36	11 14	3 6	12 47	0 14	23 0	0 19	11 51	0 49	15 0	2 3	18 6	0 15	21 41	1 25	12 4	10 28	13 39	14 14	12 52	11 4	0 18
M 5	4 51	4 11	1 53	10 41	2 54	13 14	0 12	23 3	0 17	11 47	0 49	15 2	2 2	18 7	0 15	21 41	1 25	12 3	10 28	13 40	14 15	12 55	11 6	0 18
T 6	5 14	2s48	3 3	10 3	2 40	13 41	0 9	23 5	0 16	11 43	0 49	15 3	2 2	18 8	0 15	21 41	1 25	12 3	10 28	13 41	14 16	12 58	11 9	0 18
W 7	5 37	9 42	4 1	9 22	2 24	14 8	0 6	23 8	0 14	11 39	0 49	15 5	2 2	18 9	0 15	21 41	1 26	12 3	10 28	13 43	14 17	13 1	11 12	0 19
T 8	6 0	16 4	4 42	8 39	2 6	14 34	0 4	23 11	0 12	11 35	0 49	15 7	2 2	18 10	0 15	21 40	1 26	12 3	10 29	13 45	14 18	13 4	11 15	0 19
F 9	6 23	21 23	5 3	7 54	1 47	15 0	0 1	23 13	0 10	11 32	0 50	15 9	2 2	18 11	0 15	21 40	1 26	12 3	10 29	13 48	14 19	13 7	11 17	0 19
S 10	6 45	25 14	5 3	7 9	1 28	15 26	0s 2	23 16	0 8	11 28	0 50	15 11	2 2	18 11	0 15	21 40	1 26	12 2	10 29	13 51	14 20	13 10	11 20	0 20
S 11	7 8	27 19	4 44	6 24	1 7	15 51	0 5	23 18	0 6	11 24	0 50	15 13	2 2	18 12	0 15	21 40	1 26	12 2	10 29	13 53	14 21	13 13	11 23	0 20
M12	7 31	27 34	4 7	5 41	0 46	16 16	0 7	23 21	0 4	11 20	0 50	15 15	2 1	18 13	0 15	21 40	1 26	12 2	10 29	13 54	14 22	13 16	11 25	0 20
T 13	7 53	26 8	3 18	5 1	0 26	16 40	0 10	23 23	0 2	11 17	0 50	15 17	2 1	18 14	0 15	21 40	1 26	12 2	10 29	13 55	14 23	13 19	11 28	0 20
W14	8 15	23 18	2 20	4 24	0 6	17 4	0 13	23 26	0n 0	11 13	0 50	15 19	2 1	18 15	0 15	21 40	1 26	12 2	10 29	13 55	14 24	13 22	11 31	0 21
T 15	8 38	19 23	1 16	3 53	0n13	17 27	0 16	23 28	0 3	11 9	0 51	15 21	2 1	18 16	0 15	21 40	1 26	12 1	10 30	13 54	14 25	13 24	11 33	0 21
F 16	9 0	14 43	0 11	3 26	0 31	17 51	0 18	23 31	0 5	11 6	0 51	15 23	2 1	18 16	0 15	21 40	1 26	12 1	10 30	13 54	14 26	13 27	11 36	0 21
S 17	9 22	9 33	0n54	3 5	0 47	18 13	0 21	23 33	0 7	11 2	0 51	15 25	2 1	18 17	0 15	21 40	1 26	12 1	10 30	13 54	14 27	13 30	11 39	0 22
S 18	9 44	4 6	1 56	2 50	1 2	18 35	0 24	23 35	0 9	10 58	0 51	15 27	2 1	18 18	0 15	21 40	1 26	12 1	10 30	13 55	14 28	13 33	11 41	0 22
M19	10 5	1n26	2 51	2 41	1 16	18 57	0 27	23 38	0 11	10 55	0 51	15 29	2 1	18 19	0 14	21 40	1 26	12 0	10 30	13 57	14 29	13 36	11 44	0 22
T 20	10 27	6 53	3 39	2 37	1 28	19 18	0 30	23 40	0 14	10 51	0 51	15 31	2 1	18 20	0 14	21 39	1 26	12 0	10 30	13 59	14 30	13 39	11 47	0 22
W21	10 48	12 4	4 17	2 39	1 38	19 39	0 32	23 43	0 16	10 48	0 52	15 32	2 0	18 21	0 14	21 39	1 26	12 0	10 30	14 3	14 31	13 42	11 49	0 23
T 22	11 10	16 49	4 44	2 46	1 46	19 59	0 35	23 45	0 18	10 44	0 52	15 34	2 0	18 22	0 14	21 39	1 26	12 0	10 31	14 7	14 32	13 45	11 52	0 23
F 23	11 31	20 57	4 59	2 57	1 53	20 19	0 38	23 48	0 21	10 41	0 52	15 36	2 0	18 23	0 14	21 39	1 26	12 0	10 31	14 11	14 33	13 47	11 55	0 23
S 24	11 52	24 14	5 0	3 13	1 59	20 38	0 41	23 50	0 23	10 38	0 52	15 38	2 0	18 23	0 14	21 39	1 26	11 59	10 31	14 15	14 34	13 50	11 57	0 24
S 25	12 12	26 29	4 48	3 33	2 3	20 56	0 44	23 53	0 26	10 34	0 52	15 40	2 0	18 24	0 14	21 39	1 26	11 59	10 31	14 19	14 35	13 53	12 0	0 24
M26	12 33	27 30	4 24	3 56	2 6	21 14	0 46	23 55	0 28	10 31	0 53	15 42	2 0	18 25	0 14	21 39	1 26	11 59	10 31	14 22	14 36	13 56	12 3	0 24
T 27	12 53	27 11	3 46	4 22	2 8	21 32	0 49	23 58	0 31	10 28	0 53	15 44	2 0	18 26	0 14	21 39	1 26	11 59	10 31	14 24	14 37	13 59	12 5	0 24
W28	13 14	25 29	2 57	4 51	2 8	21 49	0 52	24 1	0 33	10 24	0 53	15 46	2 0	18 27	0 14	21 39	1 26	11 59	10 31	14 25	14 38	14 2	12 8	0 25
T 29	13 34	22 26	1 58	5 21	2 8	22 5	0 54	24 3	0 36	10 21	0 53	15 48	2 0	18 28	0 14	21 38	1 26	11 58	10 31	14 26	14 39	14 5	12 11	0 25
F 30	13 53	18 10	0 51	5 54	2 7	22 20	0 57	24 6	0 39	10 18	0 53	15 50	2 0	18 29	0 14	21 38	1 26	11 58	10 31	14 26	14 40	14 7	12 13	0 25
S 31	14s13	12n52	0s20	6s28	2n 5	22s35	1s 0	24n 9	0n41	10n15	0n54	15s52	2n 0	18s30	0n14	21n38	1s26	11n58	10s32	14s26	14s41	14n10	12s16	0n26

Julian Day Number = 2413833.5, Delta T = -4.61 sec
Ecliptic obliquity = 23°27'17, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°17'54, Lahiri = 22°24'55

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1896
geocentric

NOVEMBER 1896 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	2 43 7	9♏ 5'24	9♍ 1	23♎ 1	8♐56	29♊24	5♍52	20♏15	23♏50	19°R54	13°R20	21°R13	20♒22	25♈31	3♏34	S 1
M 2	2 47 3	10° 5'31	23°26	24°32	10° 9	29°R25	6° 1	20°22	23°53	19♊53	13♊19	21♒10	20°19	25°38	3°43	M 2
T 3	2 51 0	11° 5'41	8♎16	26° 4	11°23	29°24	6°10	20°29	23°57	19°52	13°18	21° 4	20°16	25°44	3°51	T 3
W 4	2 54 56	12° 5'53	23°23	27°37	12°37	29°23	6°18	20°36	24° 1	19°50	13°17	20°55	20°13	25°51	4° 0	W 4
T 5	2 58 53	13° 6'06	8♏40	29°11	13°51	29°21	6°27	20°43	24° 4	19°49	13°16	20°44	20°10	25°58	4° 8	T 5
F 6	3 2 49	14° 6'22	23°55	0♏46	15° 4	29°19	6°35	20°50	24° 8	19°48	13°16	20°33	20° 7	26° 5	4°17	F 6
S 7	3 6 46	15° 6'39	8♐57	2°22	16°18	29°15	6°43	20°58	24°12	19°46	13°15	20°22	20° 3	26°11	4°25	S 7
S 8	3 10 43	16° 6'58	23°36	3°58	17°32	29°10	6°51	21° 5	24°16	19°45	13°14	20°12	20° 0	26°18	4°34	S 8
M 9	3 14 39	17° 7'18	7♑47	5°34	18°45	29° 5	6°59	21°12	24°19	19°44	13°13	20° 5	19°57	26°25	4°42	M 9
T 10	3 18 36	18° 7'40	21°28	7°11	19°59	28°58	7° 7	21°19	24°23	19°42	13°11	20° 1	19°54	26°31	4°50	T 10
W11	3 22 32	19° 8'03	4♒39	8°48	21°13	28°51	7°15	21°26	24°27	19°41	13°10	19°59	19°51	26°38	4°59	W11
T 12	3 26 29	20° 8'27	17°25	10°24	22°26	28°43	7°22	21°33	24°30	19°40	13° 9	19°59	19°47	26°45	5° 7	T 12
F 13	3 30 25	21° 8'53	29°50	12° 1	23°40	28°34	7°30	21°40	24°34	19°38	13° 8	19°59	19°44	26°52	5°15	F 13
S 14	3 34 22	22° 9'20	11♓58	13°37	24°53	28°24	7°37	21°48	24°38	19°37	13° 7	19°58	19°41	26°58	5°24	S 14
S 15	3 38 18	23° 9'49	23°56	15°14	26° 7	28°14	7°44	21°55	24°42	19°35	13° 6	19°55	19°38	27° 5	5°32	S 15
M16	3 42 15	24°10'19	5♈48	16°50	27°20	28° 2	7°51	22° 2	24°45	19°34	13° 5	19°49	19°35	27°12	5°40	M16
T 17	3 46 12	25°10'50	17°38	18°26	28°34	27°50	7°58	22° 9	24°49	19°32	13° 4	19°40	19°32	27°18	5°49	T 17
W18	3 50 8	26°11'22	29°29	20° 2	29°47	27°37	8° 4	22°16	24°53	19°31	13° 3	19°29	19°28	27°25	5°57	W18
T 19	3 54 5	27°11'56	11♉24	21°38	1♑ 0	27°23	8°11	22°23	24°56	19°29	13° 2	19°15	19°25	27°32	6° 5	T 19
F 20	3 58 1	28°12'32	23°24	23°13	2°14	27° 8	8°17	22°31	25° 0	19°28	13° 1	19° 1	19°22	27°39	6°13	F 20
S 21	4 1 58	29°13'08	5♊31	24°49	3°27	26°52	8°23	22°38	25° 4	19°26	13° 0	18°46	19°19	27°45	6°21	S 21
S 22	4 5 54	0♐13'47	17°45	26°24	4°41	26°36	8°29	22°45	25° 8	19°24	12°59	18°33	19°16	27°52	6°29	S 22
M23	4 9 51	1°14'27	0♋ 7	27°59	5°54	26°19	8°35	22°52	25°11	19°23	12°57	18°22	19°13	27°59	6°37	M23
T 24	4 13 48	2°15'08	12°38	29°34	7° 7	26° 1	8°41	22°59	25°15	19°21	12°56	18°15	19° 9	28° 5	6°45	T 24
W25	4 17 44	3°15'51	25°20	1♐ 9	8°20	25°43	8°47	23° 6	25°19	19°20	12°55	18°10	19° 6	28°12	6°53	W25
T 26	4 21 41	4°16'35	8♌14	2°43	9°34	25°24	8°52	23°13	25°22	19°18	12°54	18° 8	19° 3	28°19	7° 1	T 26
F 27	4 25 37	5°17'21	21°24	4°18	10°47	25° 4	8°57	23°20	25°26	19°16	12°53	18°D 8	19° 0	28°26	7° 9	F 27
S 28	4 29 34	6°18'08	4♍52	5°52	12° 0	24°44	9° 2	23°27	25°30	19°15	12°52	18°R 8	18°57	28°32	7°17	S 28
S 29	4 33 30	7°18'57	18°40	7°26	13°13	24°24	9° 7	23°34	25°33	19°13	12°51	18° 7	18°53	28°39	7°25	S 29
M30	4 37 27	8♐19'47	2♎49	9♐ 1	14♑26	24♊ 2	9♍12	23♏41	25♏37	19♊11	12♊50	18♒ 5	18♒50	28♈46	7♏33	M30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14s32	6n46	1s33	7s 3	2n 2	22s50	1s 2	24n11	0n44	10n12	0n54	15s54	2n 0	18s31	0n14	21n38	1s26	11n58	10s32	14s26	14s42	14n13	12s18	0n26
M 2	14 51	0 8	2 41	7 40	1 59	23 3	1 5	24 14	0 47	10 9	0 54	15 56	1 59	18 32	0 14	21 38	1 26	11 58	10 32	14 27	14 43	14 16	12 21	0 26
T 3	15 10	6s40	3 41	8 17	1 55	23 16	1 7	24 17	0 50	10 6	0 54	15 58	1 59	18 32	0 14	21 38	1 26	11 57	10 32	14 29	14 44	14 19	12 24	0 27
W 4	15 29	13 13	4 27	8 54	1 51	23 29	1 10	24 20	0 52	10 3	0 54	16 0	1 59	18 33	0 14	21 38	1 26	11 57	10 32	14 32	14 45	14 21	12 26	0 27
T 5	15 47	19 2	4 54	9 32	1 46	23 41	1 13	24 22	0 55	10 0	0 55	16 2	1 59	18 34	0 14	21 38	1 26	11 57	10 32	14 35	14 46	14 24	12 29	0 27
F 6	16 5	23 36	5 0	10 10	1 41	23 52	1 15	24 25	0 58	9 57	0 55	16 4	1 59	18 35	0 14	21 38	1 26	11 57	10 32	14 39	14 47	14 27	12 31	0 27
S 7	16 23	26 30	4 45	10 48	1 36	24 2	1 17	24 28	1 1	9 54	0 55	16 5	1 59	18 36	0 14	21 37	1 26	11 57	10 32	14 43	14 48	14 30	12 34	0 28
S 8	16 40	27 29	4 11	11 26	1 30	24 12	1 20	24 31	1 4	9 51	0 55	16 7	1 59	18 37	0 14	21 37	1 26	11 56	10 32	14 46	14 49	14 33	12 36	0 28
M 9	16 57	26 36	3 23	12 4	1 24	24 21	1 22	24 34	1 7	9 49	0 55	16 9	1 59	18 38	0 14	21 37	1 27	11 56	10 32	14 48	14 50	14 35	12 39	0 28
T 10	17 14	24 7	2 25	12 41	1 18	24 29	1 24	24 37	1 10	9 46	0 56	16 11	1 59	18 39	0 14	21 37	1 27	11 56	10 32	14 49	14 51	14 38	12 42	0 29
W11	17 31	20 24	1 20	13 18	1 12	24 36	1 27	24 40	1 13	9 43	0 56	16 13	1 59	18 40	0 14	21 37	1 27	11 56	10 32	14 50	14 52	14 41	12 44	0 29
T 12	17 47	15 50	0 14	13 55	1 6	24 43	1 29	24 43	1 16	9 41	0 56	16 15	1 59	18 41	0 14	21 37	1 27	11 56	10 32	14 50	14 53	14 44	12 47	0 29
F 13	18 3	10 44	0n52	14 31	0 59	24 49	1 31	24 45	1 19	9 38	0 56	16 17	1 59	18 42	0 14	21 37	1 27	11 56	10 32	14 50	14 54	14 47	12 49	0 30
S 14	18 19	5 20	1 53	15 6	0 52	24 55	1 33	24 48	1 22	9 36	0 57	16 19	1 59	18 43	0 14	21 37	1 27	11 55	10 33	14 50	14 55	14 49	12 52	0 30
S 15	18 35	0n11	2 49	15 41	0 46	24 59	1 35	24 51	1 25	9 33	0 57	16 21	1 59	18 43	0 14	21 36	1 27	11 55	10 33	14 51	14 56	14 52	12 54	0 30
M16	18 50	5 37	3 37	16 15	0 39	25 3	1 37	24 54	1 28	9 31	0 57	16 22	1 59	18 44	0 14	21 36	1 27	11 55	10 33	14 53	14 57	14 55	12 56	0 31
T 17	19 4	10 51	4 15	16 49	0 32	25 6	1 39	24 57	1 31	9 28	0 57	16 24	1 59	18 45	0 14	21 36	1 27	11 55	10 33	14 56	14 58	14 58	12 59	0 31
W18	19 19	15 41	4 42	17 21	0 25	25 8	1 41	25 0	1 34	9 26	0 57	16 26	1 59	18 46	0 14	21 36	1 27	11 55	10 33	14 59	14 59	15 0	13 1	0 31
T 19	19 33	19 57	4 57	17 53	0 18	25 10	1 43	25 3	1 37	9 24	0 58	16 28	1 59	18 47	0 14	21 36	1 27	11 55	10 33	15 4	15 0	15 3	13 4	0 31
F 20	19 46	23 27	4 59	18 24	0 11	25 11	1 45	25 5	1 40	9 22	0 58	16 30	1 59	18 48	0 14	21 36	1 27	11 54	10 33	15 8	15 1	15 6	13 6	0 32
S 21	20 0	25 57	4 47	18 54	0 5	25 11	1 47	25 8	1 43	9 20	0 58	16 32	1 59	18 49	0 14	21 36	1 27	11 54	10 33	15 13	15 2	15 9	13 9	0 32
S 22	20 13	27 14	4 22	19 24	0s 2	25 10	1 48	25 11	1 46	9 18	0 58	16 33	1 59	18 50	0 14	21 35	1 27	11 54	10 33	15 17	15 3	15 11	13 11	0 32
M23	20 25	27 12	3 45	19 52	0 9	25 9	1 50	25 13	1 49	9 16	0 59	16 35	1 59	18 51	0 14	21 35	1 27	11 54	10 33	15 20	15 4	15 14	13 13	0 33
T 24	20 37	25 46	2 56	20 19	0 16	25 7	1 51	25 16	1 52	9 14	0 59	16 37	1 59	18 52	0 14	21 35	1 27	11 54	10 33	15 22	15 5	15 17	13 16	0 33
W25	20 49	23 1	1 58	20 46	0 22	25 4	1 53	25 18	1 55	9 12	0 59	16 39	1 59	18 53	0 14	21 35	1 27	11 54	10 33	15 24	15 6	15 20	13 18	0 33
T 26	21 1	19 3	0 52	21 11	0 29	25 0	1 54	25 20	1 58	9 10	0 59	16 40	1 59	18 53	0 14	21 35	1 27	11 54	10 33	15 24	15 7	15 22	13 20	0 34
F 27	21 12	14 6	0s17	21 35	0 35	24 56	1 55	25 22	2 1	9 8	1 0	16 42	1 59	18 54	0 14	21 35	1 27	11 54	10 33	15 24	15 8	15 25	13 22	0 34
S 28	21 22	8 22	1 28	21 59	0 41	24 51	1 57	25 25	2 4	9 7	1 0	16 44	1 59	18 55	0 14	21 35	1 27	11 53	10 33	15 24	15 9	15 28	13 25	0 34
S 29	21 33	2 7	2 34	22 21	0 48	24 45	1 58	25 27	2 6	9 5	1 0	16 46	1 59	18 56	0 14	21 35	1 27	11 53	10 33	15 24	15 10	15 31	13 27	0 35
M30	21s43	4s23	3s34	22s42	0s54	24s38	1s59	25n28	2n 9	9n 3	1n 0	16s47	1n59	18s57	0n14	21n34	1s27	11n53	10s33	15s25	15s11	15n33	13s29	0n35

Julian Day Number = 2413864.5, Delta T = -4.57 sec
Ecliptic obliquity = 23°27'17, Nutation = 0°00'09, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°17'58, Lahiri = 22°24'59

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ASTRODIENST EPHEMERIS for the year 1896
geocentric

DECEMBER 1896 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 41 23	9♐20'39	17♎19	10♐35	15♑39	23°R41	9♍17	23♏48	25♏41	19°R10	12°R48	18°R 0	18♒47	28♈52	7♏41	T 1
W 2	4 45 20	10°21'32	2♏ 7	12° 9	16°52	23♊19	9°21	23°55	25°44	19♊ 8	12♊47	17♒53	18°44	28°59	7°48	W 2
T 3	4 49 17	11°22'27	17° 4	13°43	18° 5	22°56	9°26	24° 2	25°48	19° 6	12°46	17°43	18°41	29° 6	7°56	T 3
F 4	4 53 13	12°23'22	2♑ 4	15°17	19°18	22°34	9°30	24° 9	25°52	19° 5	12°45	17°33	18°38	29°13	8° 3	F 4
S 5	4 57 10	13°24'19	16°56	16°52	20°31	22°11	9°34	24°16	25°55	19° 3	12°44	17°23	18°34	29°19	8°11	S 5
S 6	5 1 6	14°25'17	1♑31	18°26	21°44	21°47	9°37	24°23	25°59	19° 1	12°43	17°14	18°31	29°26	8°19	S 6
M 7	5 5 3	15°26'16	15°44	20° 0	22°57	21°24	9°41	24°30	26° 2	19° 0	12°41	17° 7	18°28	29°33	8°26	M 7
T 8	5 8 59	16°27'16	29°29	21°34	24°10	21° 1	9°44	24°37	26° 6	18°58	12°40	17° 3	18°25	29°39	8°33	T 8
W 9	5 12 56	17°28'16	12♒46	23° 8	25°22	20°37	9°47	24°44	26°10	18°56	12°39	17°D 2	18°22	29°46	8°41	W 9
T 10	5 16 52	18°29'17	25°37	24°43	26°35	20°14	9°50	24°51	26°13	18°55	12°38	17° 2	18°19	29°53	8°48	T 10
F 11	5 20 49	19°30'18	8♓ 6	26°17	27°48	19°50	9°53	24°57	26°17	18°53	12°37	17° 3	18°15	29°59	8°55	F 11
S 12	5 24 46	20°31'19	20°18	27°51	29° 0	19°27	9°56	25° 4	26°20	18°51	12°36	17°R 4	18°12	0♉ 6	9° 3	S 12
S 13	5 28 42	21°32'22	2♈17	29°26	0♒13	19° 4	9°58	25°11	26°24	18°49	12°35	17° 3	18° 9	0°13	9°10	S 13
M14	5 32 39	22°33'24	14°10	1♑ 1	1°25	18°41	10° 1	25°17	26°27	18°48	12°33	17° 0	18° 6	0°20	9°17	M14
T 15	5 36 35	23°34'27	26° 1	2°35	2°37	18°18	10° 3	25°24	26°30	18°46	12°32	16°55	18° 3	0°26	9°24	T 15
W16	5 40 32	24°35'31	7♉53	4°10	3°50	17°56	10° 5	25°31	26°34	18°44	12°31	16°48	17°59	0°33	9°31	W16
T 17	5 44 28	25°36'35	19°51	5°45	5° 2	17°34	10° 6	25°37	26°37	18°43	12°30	16°39	17°56	0°40	9°38	T 17
F 18	5 48 25	26°37'40	1♊58	7°19	6°14	17°12	10° 8	25°44	26°41	18°41	12°29	16°29	17°53	0°47	9°44	F 18
S 19	5 52 21	27°38'45	14°14	8°54	7°26	16°51	10° 9	25°50	26°44	18°39	12°28	16°19	17°50	0°53	9°51	S 19
S 20	5 56 18	28°39'50	26°42	10°29	8°38	16°30	10°11	25°56	26°47	18°38	12°27	16°10	17°47	1° 0	9°58	S 20
M21	6 0 15	29°40'56	9♋21	12° 3	9°50	16°10	10°11	26° 3	26°51	18°36	12°26	16° 3	17°44	1° 7	10° 4	M21
T 22	6 4 11	0♑42'02	22°10	13°38	11° 2	15°50	10°12	26° 9	26°54	18°34	12°25	15°58	17°40	1°13	10°11	T 22
W23	6 8 8	1°43'09	5♌12	15°12	12°14	15°31	10°13	26°15	26°57	18°33	12°24	15°55	17°37	1°20	10°17	W23
T 24	6 12 4	2°44'16	18°24	16°46	13°26	15°13	10°13	26°22	27° 0	18°31	12°22	15°D55	17°34	1°27	10°24	T 24
F 25	6 16 1	3°45'24	1♍48	18°19	14°38	14°55	10°R13	26°28	27° 3	18°29	12°21	15°56	17°31	1°34	10°30	F 25
S 26	6 19 57	4°46'32	15°25	19°52	15°49	14°38	10°13	26°34	27° 7	18°28	12°20	15°57	17°28	1°40	10°36	S 26
S 27	6 23 54	5°47'41	29°14	21°24	17° 1	14°21	10°13	26°40	27°10	18°26	12°19	15°R58	17°25	1°47	10°43	S 27
M28	6 27 50	6°48'50	13♎16	22°55	18°12	14° 5	10°13	26°46	27°13	18°25	12°18	15°58	17°21	1°54	10°49	M28
T 29	6 31 47	7°50'00	27°31	24°25	19°23	13°50	10°12	26°52	27°16	18°23	12°17	15°57	17°18	2° 0	10°55	T 29
W30	6 35 44	8°51'10	11♏55	25°54	20°35	13°36	10°11	26°58	27°19	18°21	12°16	15°53	17°15	2° 7	11° 1	W30
T 31	6 39 40	9♑52'21	26♏25	27♑21	21♒46	13♊22	10♍10	27♏ 4	27♏22	18♊20	12♊15	15♒48	17♒12	2♉14	11♏ 7	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s52	10s49	4s21	23s 2	1s 0	24s31	2s 0	25n30	2n12	9n 2	1n 1	16s49	1n59	18s58	0n14	21n34	1s27	11n53	10s33	15s27	15s12	15n36	13s31	0n35
W 2	22 1	16 46	4 51	23 21	1 5	24 23	2 1	25 32	2 15	9 0	1 1	16 51	1 59	18 59	0 14	21 34	1 27	11 53	10 33	15 29	15 13	15 39	13 34	0 36
T 3	22 10	21 46	5 2	23 38	1 11	24 14	2 2	25 33	2 17	8 59	1 1	16 53	1 59	19 0	0 14	21 34	1 27	11 53	10 33	15 32	15 14	15 41	13 36	0 36
F 4	22 18	25 22	4 53	23 55	1 17	24 5	2 2	25 34	2 20	8 58	1 1	16 54	1 59	19 0	0 14	21 34	1 27	11 53	10 33	15 35	15 15	15 44	13 38	0 36
S 5	22 25	27 11	4 24	24 10	1 22	23 55	2 3	25 36	2 22	8 57	1 2	16 56	1 59	19 1	0 14	21 34	1 27	11 53	10 33	15 38	15 16	15 47	13 40	0 37
S 6	22 33	27 4	3 37	24 24	1 27	23 44	2 4	25 37	2 25	8 55	1 2	16 57	1 59	19 2	0 14	21 34	1 27	11 53	10 32	15 41	15 17	15 49	13 42	0 37
M 7	22 39	25 9	2 39	24 36	1 32	23 32	2 4	25 38	2 27	8 54	1 2	16 59	1 59	19 3	0 14	21 33	1 27	11 52	10 32	15 43	15 18	15 52	13 44	0 37
T 8	22 46	21 47	1 32	24 48	1 37	23 20	2 5	25 38	2 30	8 53	1 2	17 1	1 59	19 4	0 14	21 33	1 27	11 52	10 32	15 44	15 19	15 55	13 46	0 38
W 9	22 52	17 21	0 23	24 58	1 41	23 7	2 5	25 39	2 32	8 52	1 3	17 2	1 59	19 5	0 14	21 33	1 27	11 52	10 32	15 44	15 20	15 57	13 48	0 38
T 10	22 57	12 16	0n46	25 6	1 45	22 54	2 5	25 39	2 34	8 51	1 3	17 4	1 59	19 5	0 14	21 33	1 27	11 52	10 32	15 44	15 21	16 0	13 50	0 38
F 11	23 2	6 50	1 50	25 13	1 49	22 40	2 5	25 40	2 36	8 51	1 3	17 6	1 59	19 6	0 14	21 33	1 27	11 52	10 32	15 44	15 22	16 3	13 52	0 39
S 12	23 7	1 16	2 48	25 19	1 53	22 25	2 5	25 40	2 38	8 50	1 4	17 7	1 59	19 7	0 14	21 33	1 27	11 52	10 32	15 44	15 23	16 5	13 54	0 39
S 13	23 11	4n15	3 38	25 24	1 57	22 9	2 5	25 40	2 40	8 49	1 4	17 9	1 59	19 8	0 14	21 33	1 27	11 52	10 32	15 44	15 24	16 8	13 56	0 39
M14	23 15	9 33	4 18	25 27	2 0	21 53	2 5	25 40	2 42	8 48	1 4	17 10	1 59	19 9	0 14	21 33	1 27	11 52	10 32	15 45	15 25	16 11	13 58	0 40
T 15	23 18	14 29	4 46	25 28	2 3	21 37	2 5	25 40	2 44	8 48	1 4	17 12	1 59	19 10	0 14	21 32	1 27	11 52	10 32	15 47	15 26	16 13	14 0	0 40
W16	23 21	18 54	5 2	25 28	2 5	21 19	2 4	25 39	2 46	8 47	1 5	17 13	1 59	19 10	0 14	21 32	1 27	11 52	10 32	15 49	15 27	16 16	14 2	0 40
T 17	23 23	22 37	5 5	25 27	2 7	21 1	2 4	25 39	2 47	8 47	1 5	17 15	1 59	19 11	0 14	21 32	1 27	11 52	10 32	15 51	15 28	16 19	14 4	0 41
F 18	23 25	25 23	4 55	25 24	2 9	20 43	2 3	25 38	2 49	8 47	1 5	17 16	1 59	19 12	0 14	21 32	1 27	11 52	10 32	15 54	15 29	16 21	14 6	0 41
S 19	23 26	27 0	4 31	25 20	2 11	20 24	2 3	25 37	2 50	8 46	1 5	17 18	1 59	19 13	0 14	21 32	1 27	11 52	10 32	15 57	15 30	16 24	14 7	0 41
S 20	23 27	27 18	3 53	25 14	2 12	20 5	2 2	25 37	2 51	8 46	1 6	17 19	2 0	19 13	0 14	21 32	1 27	11 52	10 31	16 0	15 31	16 26	14 9	0 42
M21	23 27	26 11	3 4	25 6	2 12	19 44	2 1	25 36	2 53	8 46	1 6	17 20	2 0	19 14	0 14	21 32	1 27	11 52	10 31	16 2	15 32	16 29	14 11	0 42
T 22	23 27	23 41	2 5	24 57	2 13	19 24	2 0	25 35	2 54	8 46	1 6	17 22	2 0	19 15	0 14	21 31	1 27	11 52	10 31	16 4	15 33	16 32	14 13	0 42
W23	23 27	19 55	0 58	24 47	2 12	19 3	1 59	25 34	2 55	8 46	1 7	17 23	2 0	19 16	0 14	21 31	1 27	11 52	10 31	16 4	15 34	16 34	14 14	0 43
T 24	23 26	15 6	0s14	24 35	2 11	18 41	1 58	25 33	2 56	8 46	1 7	17 25	2 0	19 16	0 14	21 31	1 27	11 52	10 31	16 5	15 35	16 37	14 16	0 43
F 25	23 24	9 31	1 25	24 21	2 10	18 19	1 57	25 32	2 57	8 46	1 7	17 26	2 0	19 17	0 14	21 31	1 27	11 52	10 31	16 4	15 36	16 40	14 18	0 44
S 26	23 22	3 24	2 33	24 6	2 8	17 57	1 56	25 31	2 58	8 47	1 7	17 27	2 0	19 18	0 14	21 31	1 26	11 52	10 31	16 4	15 37	16 42	14 19	0 44
S 27	23 20	2s57	3 33	23 49	2 6	17 34	1 54	25 29	2 58	8 47	1 8	17 29	2 0	19 19	0 14	21 31	1 26	11 52	10 31	16 4	15 38	16 45	14 21	0 44
M28	23 17	9 15	4 22	23 31	2 3	17 10	1 53	25 28	2 59	8 47	1 8	17 30	2 0	19 19	0 14	21 31	1 26	11 52	10 30	16 4	15 39	16 47	14 22	0 45
T 29	23 13	15 10	4 55	23 12	1 59	16 46	1 51	25 27	3 0	8 48	1 8	17 31	2 0	19 20	0 14	21 31	1 26	11 52	10 30	16 4	15 40	16 50	14 24	0 45
W30	23 10	20 20	5 10	22 51	1 54	16 22	1 49	25 26	3 0	8 48	1 8	17 32	2 0	19 21	0 14	21 31	1 26	11 52	10 30	16 5	15 40	16 52	14 25	0 45
T 31	23s 5	24s19	5s 5	22s29	1s49	15s57	1s47	25n24	3n 1	8n49	1n 9	17s34	2n 0	19s21	0n14	21n30	1s26	11n52	10s30	16s 6	15s41	16n55	14s27	0n46

Julian Day Number = 2413894.5, Delta T = -4.53 sec
Ecliptic obliquity = 23°27'16, Nutation = 0°00'10, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'02, Lahiri = 22°25'03

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ASTRODIENST EPHEMERIS for the year 1897
geocentric

JANUARY 1897 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	6 43 37	10♑53'32	10♐57	28♑46	22♒57	13°R 9	10°R 9	27♏10	27♏25	18°R18	12°R14	15°R43	17♒ 9	2♉21	11♏12	F 1
S 2	6 47 33	11°54'43	25°23	0♒ 9	24° 8	12♊57	10♍ 8	27°16	27°28	18♊17	12♊13	15♒37	17° 5	2°27	11°18	S 2
S 3	6 51 30	12°55'55	9♑38	1°29	25°18	12°46	10° 6	27°22	27°31	18°15	12°12	15°33	17° 2	2°34	11°24	S 3
M 4	6 55 26	13°57'06	23°36	2°45	26°29	12°35	10° 5	27°27	27°34	18°14	12°11	15°29	16°59	2°41	11°29	M 4
T 5	6 59 23	14°58'17	7♒13	3°58	27°40	12°26	10° 3	27°33	27°36	18°12	12°10	15°27	16°56	2°48	11°35	T 5
W 6	7 3 20	15°59'28	20°28	5° 6	28°50	12°17	10° 1	27°38	27°39	18°11	12° 9	15°D27	16°53	2°54	11°40	W 6
T 7	7 7 16	17° 0'38	3♓21	6° 9	0♓ 1	12° 9	9°58	27°44	27°42	18° 9	12° 8	15°28	16°50	3° 1	11°46	T 7
F 8	7 11 13	18° 1'48	15°53	7° 5	1°11	12° 2	9°56	27°49	27°45	18° 8	12° 8	15°30	16°46	3° 8	11°51	F 8
S 9	7 15 9	19° 2'57	28° 8	7°55	2°21	11°55	9°53	27°55	27°47	18° 6	12° 7	15°32	16°43	3°14	11°56	S 9
S 10	7 19 6	20° 4'06	10♈11	8°37	3°31	11°50	9°50	28° 0	27°50	18° 5	12° 6	15°33	16°40	3°21	12° 1	S 10
M11	7 23 2	21° 5'14	22° 6	9°10	4°41	11°45	9°47	28° 5	27°53	18° 4	12° 5	15°R33	16°37	3°28	12° 6	M11
T 12	7 26 59	22° 6'22	3♉58	9°33	5°50	11°41	9°44	28°10	27°55	18° 2	12° 4	15°33	16°34	3°35	12°11	T 12
W13	7 30 55	23° 7'29	15°52	9°46	7° 0	11°38	9°40	28°15	27°58	18° 1	12° 3	15°31	16°31	3°41	12°15	W13
T 14	7 34 52	24° 8'35	27°52	9°R48	8° 9	11°36	9°37	28°21	28° 0	18° 0	12° 2	15°28	16°27	3°48	12°20	T 14
F 15	7 38 49	25° 9'41	10♊ 2	9°38	9°19	11°35	9°33	28°25	28° 3	17°58	12° 2	15°25	16°24	3°55	12°25	F 15
S 16	7 42 45	26°10'46	22°25	9°16	10°28	11°D34	9°29	28°30	28° 5	17°57	12° 1	15°22	16°21	4° 1	12°29	S 16
S 17	7 46 42	27°11'50	5♋ 3	8°43	11°37	11°34	9°25	28°35	28° 7	17°56	12° 0	15°19	16°18	4° 8	12°33	S 17
M18	7 50 38	28°12'53	17°57	7°59	12°45	11°35	9°20	28°40	28°10	17°55	11°59	15°17	16°15	4°15	12°38	M18
T 19	7 54 35	29°13'56	1♌ 8	7° 5	13°54	11°37	9°16	28°45	28°12	17°54	11°58	15°15	16°11	4°22	12°42	T 19
W20	7 58 31	0♒14'58	14°34	6° 2	15° 2	11°39	9°11	28°49	28°14	17°52	11°58	15°D15	16° 8	4°28	12°46	W20
T 21	8 2 28	1°16'00	28°13	4°53	16°10	11°42	9° 6	28°54	28°16	17°51	11°57	15°15	16° 5	4°35	12°50	T 21
F 22	8 6 24	2°17'00	12♍ 3	3°39	17°18	11°46	9° 1	28°58	28°18	17°50	11°56	15°16	16° 2	4°42	12°54	F 22
S 23	8 10 21	3°18'01	26° 2	2°23	18°26	11°50	8°56	29° 3	28°21	17°49	11°56	15°17	15°59	4°48	12°57	S 23
S 24	8 14 18	4°19'00	10♎ 7	1° 6	19°34	11°56	8°51	29° 7	28°23	17°48	11°55	15°18	15°56	4°55	13° 1	S 24
M25	8 18 14	5°19'59	24°17	29♑52	20°41	12° 2	8°46	29°11	28°25	17°47	11°54	15°19	15°52	5° 2	13° 5	M25
T 26	8 22 11	6°20'58	8♏28	28°42	21°48	12° 8	8°40	29°15	28°27	17°46	11°54	15°R19	15°49	5° 9	13° 8	T 26
W27	8 26 7	7°21'56	22°39	27°38	22°55	12°15	8°34	29°19	28°28	17°45	11°53	15°19	15°46	5°15	13°11	W27
T 28	8 30 4	8°22'54	6♐48	26°41	24° 2	12°23	8°28	29°23	28°30	17°44	11°53	15°18	15°43	5°22	13°15	T 28
F 29	8 34 0	9°23'50	20°51	25°52	25° 8	12°32	8°22	29°27	28°32	17°43	11°52	15°17	15°40	5°29	13°18	F 29
S 30	8 37 57	10°24'46	4♑47	25°11	26°14	12°41	8°16	29°31	28°34	17°42	11°51	15°17	15°37	5°36	13°21	S 30
S 31	8 41 53	11♒25'42	18♑32	24♑39	27♓20	12♊51	8♍10	29♏35	28♏36	17♊41	11♊51	15♒16	15♒33	5♉42	13♏24	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23s 0	26s44	4s41	22s 6	1s43	15s32	1s45	25n23	3n 1	8n50	1n 9	17s35	2n 0	19s22	0n14	21n30	1s26	11n52	10s30	16s 8	15s42	16n58	14s28	0n46
S 2	22 55	27 22	3 59	21 41	1 36	15 6	1 43	25 22	3 2	8 51	1 9	17 36	2 1	19 23	0 14	21 30	1 26	11 52	10 30	16 10	15 43	17 0	14 30	0 47
S 3	22 50	26 9	3 3	21 16	1 28	14 41	1 41	25 21	3 2	8 51	1 10	17 37	2 1	19 23	0 14	21 30	1 26	11 52	10 30	16 11	15 44	17 3	14 31	0 47
M 4	22 43	23 18	1 57	20 50	1 19	14 14	1 39	25 20	3 2	8 52	1 10	17 39	2 1	19 24	0 14	21 30	1 26	11 52	10 29	16 12	15 45	17 5	14 32	0 47
T 5	22 37	19 12	0 45	20 24	1 9	13 48	1 36	25 19	3 2	8 53	1 10	17 40	2 1	19 25	0 14	21 30	1 26	11 52	10 29	16 13	15 46	17 8	14 34	0 48
W 6	22 30	14 14	0n27	19 57	0 58	13 21	1 34	25 17	3 2	8 54	1 10	17 41	2 1	19 25	0 14	21 30	1 26	11 52	10 29	16 13	15 47	17 10	14 35	0 48
T 7	22 22	8 47	1 37	19 30	0 46	12 54	1 31	25 16	3 2	8 55	1 11	17 42	2 1	19 26	0 14	21 30	1 26	11 52	10 29	16 12	15 48	17 13	14 36	0 48
F 8	22 14	3 8	2 39	19 3	0 33	12 26	1 28	25 15	3 2	8 57	1 11	17 43	2 1	19 27	0 14	21 30	1 26	11 52	10 29	16 12	15 49	17 15	14 37	0 49
S 9	22 6	2n31	3 33	18 37	0 19	11 58	1 25	25 15	3 2	8 58	1 11	17 44	2 1	19 27	0 14	21 30	1 26	11 52	10 29	16 11	15 50	17 18	14 39	0 49
S 10	21 57	7 58	4 17	18 12	0 4	11 30	1 23	25 14	3 2	8 59	1 11	17 45	2 1	19 28	0 14	21 29	1 26	11 52	10 28	16 11	15 51	17 20	14 40	0 50
M11	21 48	13 4	4 49	17 47	0n12	11 2	1 19	25 13	3 2	9 1	1 12	17 46	2 2	19 28	0 14	21 29	1 26	11 52	10 28	16 11	15 52	17 23	14 41	0 50
T 12	21 38	17 40	5 8	17 25	0 28	10 33	1 16	25 12	3 2	9 2	1 12	17 47	2 2	19 29	0 14	21 29	1 26	11 52	10 28	16 11	15 53	17 26	14 42	0 50
W13	21 28	21 36	5 14	17 5	0 46	10 5	1 13	25 11	3 1	9 4	1 12	17 48	2 2	19 29	0 14	21 29	1 26	11 52	10 28	16 12	15 54	17 28	14 43	0 51
T 14	21 18	24 41	5 7	16 47	1 4	9 36	1 10	25 11	3 1	9 5	1 12	17 49	2 2	19 30	0 14	21 29	1 26	11 52	10 28	16 12	15 55	17 31	14 44	0 51
F 15	21 7	26 41	4 46	16 31	1 23	9 6	1 6	25 10	3 1	9 7	1 13	17 50	2 2	19 31	0 14	21 29	1 26	11 53	10 27	16 13	15 56	17 33	14 45	0 52
S 16	20 56	27 25	4 11	16 19	1 41	8 37	1 3	25 10	3 0	9 9	1 13	17 51	2 2	19 31	0 14	21 29	1 26	11 53	10 27	16 14	15 57	17 36	14 46	0 52
S 17	20 44	26 45	3 24	16 10	2 0	8 7	0 59	25 10	3 0	9 11	1 13	17 52	2 2	19 32	0 14	21 29	1 26	11 53	10 27	16 15	15 58	17 38	14 47	0 52
M18	20 32	24 39	2 25	16 4	2 17	7 38	0 55	25 9	3 0	9 12	1 13	17 53	2 2	19 32	0 14	21 29	1 26	11 53	10 27	16 16	15 59	17 41	14 48	0 53
T 19	20 19	21 10	1 17	16 2	2 34	7 8	0 51	25 9	2 59	9 14	1 14	17 54	2 3	19 33	0 14	21 29	1 26	11 53	10 27	16 16	16 0	17 43	14 49	0 53
W20	20 7	16 32	0 4	16 2	2 49	6 38	0 47	25 9	2 59	9 16	1 14	17 55	2 3	19 33	0 14	21 29	1 26	11 53	10 26	16 16	16 1	17 45	14 50	0 54
T 21	19 53	10 59	1s11	16 6	3 3	6 7	0 43	25 9	2 58	9 18	1 14	17 56	2 3	19 34	0 14	21 29	1 26	11 53	10 26	16 16	16 2	17 48	14 50	0 54
F 22	19 40	4 51	2 23	16 12	3 14	5 37	0 39	25 9	2 58	9 20	1 14	17 56	2 3	19 34	0 14	21 29	1 26	11 53	10 26	16 16	16 2	17 50	14 51	0 54
S 23	19 26	1s35	3 27	16 21	3 23	5 7	0 35	25 9	2 57	9 23	1 15	17 57	2 3	19 35	0 14	21 29	1 26	11 53	10 26	16 16	16 3	17 53	14 52	0 55
S 24	19 12	7 59	4 19	16 31	3 29	4 36	0 31	25 9	2 57	9 25	1 15	17 58	2 3	19 35	0 14	21 28	1 26	11 54	10 26	16 15	16 4	17 55	14 53	0 55
M25	18 57	14 0	4 56	16 43	3 33	4 6	0 26	25 9	2 56	9 27	1 15	17 59	2 3	19 35	0 14	21 28	1 25	11 54	10 25	16 15	16 5	17 58	14 53	0 56
T 26	18 42	19 17	5 14	16 55	3 35	3 35	0 21	25 9	2 55	9 29	1 15	18 0	2 4	19 36	0 14	21 28	1 25	11 54	10 25	16 15	16 6	18 0	14 54	0 56
W27	18 27	23 30	5 14	17 9	3 34	3 4	0 17	25 10	2 55	9 32	1 15	18 0	2 4	19 36	0 14	21 28	1 25	11 54	10 25	16 15	16 7	18 3	14 55	0 57
T 28	18 11	26 18	4 55	17 23	3 31	2 33	0 12	25 10	2 54	9 34	1 16	18 1	2 4	19 37	0 14	21 28	1 25	11 54	10 25	16 15	16 8	18 5	14 55	0 57
F 29	17 55	27 26	4 18	17 36	3 26	2 3	0 7	25 11	2 53	9 37	1 16	18 2	2 4	19 37	0 14	21 28	1 25	11 54	10 24	16 16	16 9	18 8	14 56	0 57
S 30	17 38	26 48	3 26	17 50	3 20	1 32	0 2	25 11	2 53	9 39	1 16	18 2	2 4	19 38	0 14	21 28	1 25	11 55	10 24	16 16	16 10	18 10	14 56	0 58
S 31	17s22	24s32	2s23	18s 3	3n12	1s 1	0n 3	25n12	2n52	9n42	1n16	18s 3	2n 4	19s38	0n14	21n28	1s25	11n55	10s24	16s16	16s11	18n12	14s57	0n58

Julian Day Number = 2413925.5, Delta T = -4.49 sec
Ecliptic obliquity = 23°27'16, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'07, Lahiri = 22°25'07

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ASTRODIENST EPHEMERIS for the year 1897
geocentric

FEBRUARY 1897 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	8 45 50	12♒26'36	2♒ 5	24°R15	28♓26	13♊ 1	8°R 3	29♏38	28♏37	17°R40	11°R50	15°R16	15♒30	5♉49	13♏27	M 1
T 2	8 49 47	13°27'29	15°22	24♋ 0	29°32	13°12	7♍57	29°42	28°39	17♊40	11♊50	15°D16	15°27	5°56	13°29	T 2
W 3	8 53 43	14°28'21	28°24	23°D53	0♈37	13°23	7°50	29°45	28°40	17°39	11°50	15♒16	15°24	6° 2	13°32	W 3
T 4	8 57 40	15°29'11	11♓ 9	23°54	1°42	13°35	7°44	29°49	28°42	17°38	11°49	15°R16	15°21	6° 9	13°34	T 4
F 5	9 1 36	16°30'00	23°38	24° 2	2°46	13°48	7°37	29°52	28°43	17°37	11°49	15°16	15°17	6°16	13°37	F 5
S 6	9 5 33	17°30'48	5♈53	24°17	3°51	14° 1	7°30	29°55	28°45	17°37	11°48	15°16	15°14	6°23	13°39	S 6
S 7	9 9 29	18°31'35	17°57	24°37	4°55	14°15	7°23	29°58	28°46	17°36	11°48	15°15	15°11	6°29	13°41	S 7
M 8	9 13 26	19°32'19	29°53	25° 4	5°58	14°29	7°16	0♐ 1	28°47	17°35	11°48	15°15	15° 8	6°36	13°43	M 8
T 9	9 17 22	20°33'03	11♉45	25°36	7° 2	14°44	7° 8	0° 4	28°49	17°35	11°47	15°14	15° 5	6°43	13°45	T 9
W10	9 21 19	21°33'44	23°39	26°13	8° 5	14°59	7° 1	0° 7	28°50	17°34	11°47	15°D14	15° 2	6°49	13°47	W10
T 11	9 25 16	22°34'25	5♊38	26°54	9° 7	15°15	6°54	0°10	28°51	17°34	11°47	15°15	14°58	6°56	13°48	T 11
F 12	9 29 12	23°35'03	17°47	27°39	10°10	15°31	6°46	0°12	28°52	17°33	11°46	15°15	14°55	7° 3	13°50	F 12
S 13	9 33 9	24°35'40	0♋11	28°28	11°12	15°47	6°39	0°15	28°53	17°33	11°46	15°16	14°52	7°10	13°51	S 13
S 14	9 37 5	25°36'15	12°53	29°21	12°13	16° 4	6°31	0°17	28°54	17°32	11°46	15°17	14°49	7°16	13°53	S 14
M15	9 41 2	26°36'48	25°56	0♒16	13°14	16°22	6°23	0°20	28°55	17°32	11°46	15°18	14°46	7°23	13°54	M15
T 16	9 44 58	27°37'20	9♌21	1°15	14°15	16°40	6°16	0°22	28°56	17°31	11°45	15°R19	14°43	7°30	13°55	T 16
W17	9 48 55	28°37'50	23° 7	2°16	15°15	16°58	6° 8	0°24	28°57	17°31	11°45	15°18	14°39	7°37	13°56	W17
T 18	9 52 51	29°38'19	7♍12	3°20	16°15	17°17	6° 0	0°26	28°57	17°31	11°45	15°18	14°36	7°43	13°57	T 18
F 19	9 56 48	0♓38'45	21°32	4°26	17°14	17°36	5°52	0°28	28°58	17°31	11°45	15°16	14°33	7°50	13°58	F 19
S 20	10 0 45	1°39'11	6♎ 1	5°34	18°13	17°55	5°45	0°30	28°59	17°30	11°45	15°14	14°30	7°57	13°58	S 20
S 21	10 4 41	2°39'34	20°33	6°45	19°12	18°15	5°37	0°32	28°59	17°30	11°45	15°12	14°27	8° 3	13°59	S 21
M22	10 8 38	3°39'57	5♏ 3	7°57	20°10	18°35	5°29	0°33	29° 0	17°30	11°45	15°10	14°23	8°10	13°59	M22
T 23	10 12 34	4°40'18	19°26	9°11	21° 7	18°56	5°21	0°35	29° 1	17°30	11°45	15° 8	14°20	8°17	13°59	T 23
W24	10 16 31	5°40'38	3♐39	10°27	22° 4	19°17	5°13	0°36	29° 1	17°30	11°D45	15°D 8	14°17	8°24	14° 0	W24
T 25	10 20 27	6°40'56	17°38	11°44	23° 0	19°38	5° 5	0°38	29° 1	17°30	11°45	15° 8	14°14	8°30	14°R 0	T 25
F 26	10 24 24	7°41'14	1♑24	13° 3	23°56	20° 0	4°57	0°39	29° 2	17°D30	11°45	15° 9	14°11	8°37	14° 0	F 26
S 27	10 28 20	8°41'29	14°57	14°23	24°51	20°22	4°49	0°40	29° 2	17°30	11°45	15°11	14° 8	8°44	14° 0	S 27
S 28	10 32 17	9♓41'43	28♑16	15♒45	25♈45	20♊44	4♍42	0♐41	29♏ 2	17♊30	11♊45	15♒12	14♒ 4	8♉51	13♏59	S 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17s 5	20s53	1s12	18s16	3n 3	0s30	0n 8	25n12	2n51	9n44	1n17	18s 4	2n 4	19s38	0n14	21n28	1s25	11n55	10s24	16s16	16s12	18n15	14s57	0n59
T 2	16 48	16 14	0n 1	18 28	2 54	0n 1	0 13	25 13	2 51	9 47	1 17	18 4	2 5	19 39	0 14	21 28	1 25	11 55	10 23	16 16	16 13	18 17	14 57	0 59
W 3	16 30	10 55	1 12	18 40	2 43	0 31	0 18	25 14	2 50	9 49	1 17	18 5	2 5	19 39	0 14	21 28	1 25	11 55	10 23	16 16	16 14	18 20	14 58	1 0
T 4	16 12	5 15	2 19	18 51	2 32	1 2	0 24	25 15	2 49	9 52	1 17	18 5	2 5	19 39	0 14	21 28	1 25	11 55	10 23	16 16	16 15	18 22	14 58	1 0
F 5	15 54	0n29	3 17	19 0	2 21	1 33	0 29	25 15	2 48	9 55	1 17	18 6	2 5	19 40	0 14	21 28	1 25	11 56	10 23	16 16	16 16	18 24	14 58	1 0
S 6	15 36	6 5	4 5	19 9	2 9	2 4	0 35	25 16	2 48	9 58	1 17	18 6	2 5	19 40	0 14	21 28	1 25	11 56	10 23	16 16	16 17	18 27	14 59	1 1
S 7	15 17	11 23	4 42	19 17	1 57	2 34	0 40	25 17	2 47	10 0	1 18	18 7	2 5	19 40	0 14	21 28	1 25	11 56	10 22	16 16	16 18	18 29	14 59	1 1
M 8	14 58	16 12	5 6	19 24	1 46	3 5	0 46	25 18	2 46	10 3	1 18	18 7	2 6	19 40	0 14	21 28	1 25	11 56	10 22	16 16	16 18	18 32	14 59	1 2
T 9	14 39	20 23	5 16	19 30	1 34	3 35	0 52	25 19	2 45	10 6	1 18	18 8	2 6	19 41	0 14	21 28	1 25	11 56	10 22	16 17	16 19	18 34	14 59	1 2
W10	14 20	23 45	5 14	19 34	1 22	4 5	0 58	25 20	2 45	10 9	1 18	18 8	2 6	19 41	0 14	21 28	1 25	11 57	10 22	16 17	16 20	18 36	14 59	1 3
T 11	14 0	26 8	4 57	19 38	1 11	4 35	1 3	25 21	2 44	10 12	1 18	18 9	2 6	19 41	0 14	21 28	1 25	11 57	10 21	16 16	16 21	18 39	14 59	1 3
F 12	13 40	27 20	4 27	19 40	0 59	5 5	1 9	25 22	2 43	10 15	1 18	18 9	2 6	19 41	0 14	21 28	1 25	11 57	10 21	16 16	16 22	18 41	14 59	1 4
S 13	13 20	27 12	3 45	19 41	0 48	5 35	1 15	25 23	2 42	10 18	1 19	18 9	2 6	19 42	0 14	21 28	1 25	11 57	10 21	16 16	16 23	18 43	14 59	1 4
S 14	13 0	25 39	2 50	19 41	0 37	6 5	1 22	25 24	2 42	10 21	1 19	18 10	2 7	19 42	0 14	21 28	1 24	11 58	10 21	16 16	16 24	18 46	14 59	1 4
M15	12 39	22 42	1 45	19 40	0 27	6 35	1 28	25 25	2 41	10 24	1 19	18 10	2 7	19 42	0 14	21 28	1 24	11 58	10 20	16 15	16 25	18 48	14 59	1 5
T 16	12 18	18 27	0 33	19 38	0 16	7 4	1 34	25 26	2 40	10 27	1 19	18 10	2 7	19 42	0 14	21 28	1 24	11 58	10 20	16 15	16 26	18 50	14 59	1 5
W17	11 57	13 9	0s43	19 34	0 6	7 33	1 40	25 27	2 39	10 30	1 19	18 11	2 7	19 42	0 14	21 28	1 24	11 58	10 20	16 15	16 27	18 53	14 59	1 6
T 18	11 36	7 3	1 58	19 29	0s 3	8 2	1 47	25 28	2 38	10 32	1 19	18 11	2 7	19 43	0 14	21 28	1 24	11 58	10 19	16 16	16 28	18 55	14 59	1 6
F 19	11 15	0 30	3 7	19 22	0 13	8 31	1 53	25 29	2 38	10 35	1 19	18 11	2 7	19 43	0 14	21 28	1 24	11 59	10 19	16 16	16 29	18 57	14 59	1 7
S 20	10 54	6s 8	4 5	19 15	0 22	8 59	2 0	25 30	2 37	10 38	1 19	18 11	2 8	19 43	0 14	21 28	1 24	11 59	10 19	16 17	16 30	19 0	14 58	1 7
S 21	10 32	12 27	4 47	19 6	0 31	9 28	2 6	25 31	2 36	10 41	1 19	18 11	2 8	19 43	0 14	21 28	1 24	11 59	10 19	16 17	16 31	19 2	14 58	1 8
M22	10 10	18 5	5 10	18 56	0 39	9 56	2 13	25 32	2 35	10 44	1 20	18 12	2 8	19 43	0 14	21 28	1 24	11 59	10 18	16 18	16 31	19 4	14 58	1 8
T 23	9 48	22 38	5 14	18 44	0 48	10 24	2 19	25 33	2 34	10 47	1 20	18 12	2 8	19 43	0 14	21 28	1 24	12 0	10 18	16 18	16 32	19 7	14 58	1 8
W24	9 26	25 47	4 59	18 31	0 55	10 51	2 26	25 34	2 34	10 50	1 20	18 12	2 8	19 43	0 14	21 28	1 24	12 0	10 18	16 19	16 33	19 9	14 57	1 9
T 25	9 4	27 18	4 26	18 17	1 3	11 18	2 33	25 35	2 33	10 53	1 20	18 12	2 8	19 43	0 14	21 28	1 24	12 0	10 18	16 18	16 34	19 11	14 57	1 9
F 26	8 42	27 5	3 38	18 2	1 10	11 45	2 39	25 36	2 32	10 56	1 20	18 12	2 9	19 44	0 14	21 28	1 24	12 0	10 17	16 18	16 35	19 14	14 56	1 10
S 27	8 19	25 15	2 39	17 45	1 17	12 12	2 46	25 37	2 31	10 59	1 20	18 12	2 9	19 44	0 14	21 29	1 24	12 1	10 17	16 18	16 36	19 16	14 56	1 10
S 28	7s56	22s 1	1s32	17s27	1s23	12n38	2n53	25n38	2n30	11n 2	1n20	18s12	2n 9	19s44	0n14	21n29	1s24	12n 1	10s17	16s17	16s37	19n18	14s55	1n11

Julian Day Number = 2413956.5, Delta T = -4.45 sec
Ecliptic obliquity = 23°27'16, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'11, Lahiri = 22°25'11

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ASTRODIENST EPHEMERIS for the year 1897
geocentric

MARCH 1897 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	10 36 14	10♓41'55	11♒22	17♒ 8	26♈39	21♊ 6	4°R34	0♐42	29♏ 2	17♊30	11♊45	15°R13	14♒ 1	8♉57	13°R59	M 1
T 2	10 40 10	11°42'06	24°16	18°33	27°32	21°29	4♍26	0°43	29° 2	17°30	11°45	15♒13	13°58	9° 4	13♏58	T 2
W 3	10 44 7	12°42'15	6♓58	19°59	28°25	21°52	4°18	0°44	29° 3	17°30	11°45	15°11	13°55	9°11	13°58	W 3
T 4	10 48 3	13°42'22	19°28	21°26	29°17	22°16	4°11	0°44	29°R 3	17°30	11°45	15° 8	13°52	9°17	13°57	T 4
F 5	10 52 0	14°42'27	1♈47	22°54	0♉ 8	22°39	4° 3	0°45	29° 3	17°30	11°46	15° 3	13°49	9°24	13°56	F 5
S 6	10 55 56	15°42'30	13°57	24°23	0°58	23° 3	3°55	0°45	29° 2	17°31	11°46	14°58	13°45	9°31	13°55	S 6
S 7	10 59 53	16°42'31	25°58	25°54	1°47	23°28	3°48	0°46	29° 2	17°31	11°46	14°52	13°42	9°38	13°54	S 7
M 8	11 3 49	17°42'30	7♉53	27°26	2°36	23°52	3°40	0°46	29° 2	17°31	11°46	14°46	13°39	9°44	13°53	M 8
T 9	11 7 46	18°42'27	19°45	28°59	3°24	24°17	3°33	0°46	29° 2	17°32	11°47	14°42	13°36	9°51	13°52	T 9
W10	11 11 43	19°42'22	1♊37	0♓34	4°11	24°42	3°25	0°R46	29° 1	17°32	11°47	14°38	13°33	9°58	13°50	W10
T 11	11 15 39	20°42'15	13°34	2° 9	4°57	25° 7	3°18	0°46	29° 1	17°32	11°47	14°37	13°29	10° 4	13°49	T 11
F 12	11 19 36	21°42'05	25°40	3°46	5°42	25°33	3°11	0°46	29° 1	17°33	11°48	14°D36	13°26	10°11	13°47	F 12
S 13	11 23 32	22°41'54	8♋ 1	5°24	6°25	25°59	3° 4	0°45	29° 0	17°33	11°48	14°37	13°23	10°18	13°46	S 13
S 14	11 27 29	23°41'40	20°40	7° 3	7° 8	26°24	2°57	0°45	29° 0	17°34	11°48	14°39	13°20	10°25	13°44	S 14
M15	11 31 25	24°41'24	3♌42	8°43	7°50	26°51	2°50	0°45	28°59	17°34	11°49	14°40	13°17	10°31	13°42	M15
T 16	11 35 22	25°41'05	17°11	10°24	8°31	27°17	2°43	0°44	28°58	17°35	11°49	14°R41	13°14	10°38	13°40	T 16
W17	11 39 18	26°40'44	1♍ 6	12° 7	9°10	27°44	2°37	0°43	28°58	17°36	11°50	14°40	13°10	10°45	13°38	W17
T 18	11 43 15	27°40'21	15°26	13°51	9°49	28°10	2°30	0°43	28°57	17°36	11°50	14°36	13° 7	10°52	13°35	T 18
F 19	11 47 12	28°39'56	0♎ 8	15°36	10°26	28°37	2°24	0°42	28°56	17°37	11°51	14°31	13° 4	10°58	13°33	F 19
S 20	11 51 8	29°39'29	15° 3	17°22	11° 1	29° 5	2°17	0°41	28°55	17°38	11°51	14°25	13° 1	11° 5	13°31	S 20
S 21	11 55 5	0♈39'00	0♏ 3	19°10	11°36	29°32	2°11	0°40	28°55	17°39	11°52	14°18	12°58	11°12	13°28	S 21
M22	11 59 1	1°38'30	15° 0	20°59	12° 9	29°59	2° 5	0°39	28°54	17°39	11°52	14°11	12°54	11°18	13°26	M22
T 23	12 2 58	2°37'57	29°43	22°49	12°40	0♋27	1°59	0°37	28°53	17°40	11°53	14° 5	12°51	11°25	13°23	T 23
W24	12 6 54	3°37'23	14♐ 9	24°41	13°10	0°55	1°53	0°36	28°52	17°41	11°53	14° 2	12°48	11°32	13°20	W24
T 25	12 10 51	4°36'47	28°13	26°34	13°38	1°23	1°47	0°34	28°51	17°42	11°54	14° 0	12°45	11°39	13°17	T 25
F 26	12 14 47	5°36'09	11♑55	28°28	14° 5	1°52	1°42	0°33	28°49	17°43	11°55	14°D 0	12°42	11°45	13°14	F 26
S 27	12 18 44	6°35'30	25°17	0♈24	14°30	2°20	1°37	0°31	28°48	17°44	11°55	14° 1	12°39	11°52	13°11	S 27
S 28	12 22 41	7°34'48	8♒20	2°20	14°53	2°49	1°31	0°30	28°47	17°45	11°56	14°R 2	12°35	11°59	13° 8	S 28
M29	12 26 37	8°34'05	21° 7	4°18	15°14	3°17	1°26	0°28	28°46	17°46	11°57	14° 1	12°32	12° 5	13° 5	M29
T 30	12 30 34	9°33'20	3♓42	6°17	15°34	3°46	1°21	0°26	28°44	17°47	11°57	13°59	12°29	12°12	13° 2	T 30
W31	12 34 30	10♈32'33	16♓ 6	8♈18	15♉52	4♋15	1♍16	0♐24	28♏43	17♊48	11♊58	13♒55	12♒26	12♉19	12♏59	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	7s34	17s43	0s21	17s 8	1s30	13n 5	3n 0	25n39	2n30	11n 5	1n20	18s12	2n 9	19s44	0n14	21n29	1s24	12n 1	10s17	16s17	16s38	19n20	14s55	1n11
T 2	7 11	12 40	0n49	16 47	1 35	13 30	3 7	25 39	2 29	11 8	1 20	18 12	2 9	19 44	0 14	21 29	1 24	12 2	10 16	16 17	16 39	19 23	14 54	1 12
W 3	6 48	7 10	1 56	16 25	1 41	13 56	3 13	25 40	2 28	11 11	1 20	18 12	2 10	19 44	0 14	21 29	1 24	12 2	10 16	16 18	16 40	19 25	14 53	1 12
T 4	6 25	1 28	2 57	16 2	1 46	14 21	3 20	25 41	2 27	11 14	1 20	18 12	2 10	19 44	0 14	21 29	1 24	12 2	10 16	16 19	16 41	19 27	14 53	1 13
F 5	6 2	4n11	3 48	15 38	1 50	14 45	3 27	25 41	2 27	11 16	1 20	18 12	2 10	19 44	0 14	21 29	1 23	12 2	10 16	16 20	16 42	19 29	14 52	1 13
S 6	5 38	9 37	4 27	15 12	1 55	15 10	3 34	25 42	2 26	11 19	1 20	18 12	2 10	19 44	0 14	21 29	1 23	12 3	10 15	16 21	16 42	19 32	14 51	1 14
S 7	5 15	14 36	4 55	14 45	1 58	15 33	3 41	25 42	2 25	11 22	1 20	18 12	2 10	19 44	0 14	21 29	1 23	12 3	10 15	16 23	16 43	19 34	14 51	1 14
M 8	4 52	19 1	5 9	14 17	2 2	15 57	3 48	25 43	2 24	11 25	1 20	18 12	2 10	19 44	0 14	21 29	1 23	12 3	10 15	16 25	16 44	19 36	14 50	1 14
T 9	4 28	22 39	5 10	13 47	2 5	16 20	3 55	25 43	2 23	11 27	1 20	18 12	2 11	19 44	0 14	21 29	1 23	12 4	10 14	16 26	16 45	19 38	14 49	1 15
W10	4 5	25 21	4 58	13 16	2 8	16 43	4 2	25 43	2 23	11 30	1 20	18 11	2 11	19 43	0 14	21 29	1 23	12 4	10 14	16 27	16 46	19 41	14 48	1 15
T 11	3 41	26 57	4 33	12 44	2 10	17 5	4 9	25 44	2 22	11 33	1 20	18 11	2 11	19 43	0 14	21 29	1 23	12 4	10 14	16 28	16 47	19 43	14 47	1 16
F 12	3 18	27 18	3 55	12 11	2 12	17 27	4 16	25 44	2 21	11 35	1 20	18 11	2 11	19 43	0 14	21 30	1 23	12 4	10 14	16 28	16 48	19 45	14 46	1 16
S 13	2 54	26 18	3 6	11 36	2 13	17 48	4 23	25 44	2 20	11 38	1 20	18 11	2 11	19 43	0 14	21 30	1 23	12 5	10 13	16 27	16 49	19 47	14 45	1 17
S 14	2 30	23 57	2 7	11 0	2 14	18 9	4 29	25 44	2 20	11 40	1 20	18 11	2 11	19 43	0 14	21 30	1 23	12 5	10 13	16 27	16 50	19 50	14 44	1 17
M15	2 7	20 18	0 59	10 23	2 15	18 29	4 36	25 44	2 19	11 43	1 20	18 10	2 12	19 43	0 14	21 30	1 23	12 5	10 13	16 27	16 51	19 52	14 43	1 18
T 16	1 43	15 29	0s14	9 45	2 15	18 49	4 43	25 44	2 18	11 45	1 20	18 10	2 12	19 43	0 14	21 30	1 23	12 6	10 13	16 26	16 52	19 54	14 42	1 18
W17	1 19	9 43	1 28	9 5	2 14	19 8	4 50	25 43	2 17	11 48	1 20	18 10	2 12	19 43	0 14	21 30	1 23	12 6	10 12	16 27	16 52	19 56	14 41	1 19
T 18	0 56	3 18	2 39	8 25	2 14	19 27	4 56	25 43	2 17	11 50	1 20	18 9	2 12	19 42	0 14	21 30	1 23	12 6	10 12	16 28	16 53	19 58	14 40	1 19
F 19	0 32	3s25	3 41	7 43	2 12	19 45	5 3	25 43	2 16	11 52	1 20	18 9	2 12	19 42	0 14	21 30	1 23	12 7	10 12	16 29	16 54	20 0	14 39	1 19
S 20	0 8	10 3	4 28	7 0	2 11	20 2	5 9	25 42	2 15	11 54	1 20	18 9	2 12	19 42	0 14	21 30	1 23	12 7	10 12	16 31	16 55	20 3	14 38	1 20
S 21	0n16	16 9	4 58	6 15	2 8	20 19	5 16	25 42	2 14	11 57	1 20	18 8	2 13	19 42	0 14	21 31	1 23	12 7	10 11	16 33	16 56	20 5	14 37	1 20
M22	0 39	21 14	5 7	5 30	2 6	20 36	5 22	25 41	2 14	11 59	1 20	18 8	2 13	19 42	0 14	21 31	1 23	12 8	10 11	16 35	16 57	20 7	14 36	1 21
T 23	1 3	24 55	4 56	4 43	2 2	20 51	5 28	25 40	2 13	12 1	1 20	18 8	2 13	19 41	0 14	21 31	1 22	12 8	10 11	16 37	16 58	20 9	14 34	1 21
W24	1 26	26 55	4 26	3 56	1 59	21 6	5 34	25 39	2 12	12 3	1 20	18 7	2 13	19 41	0 14	21 31	1 22	12 8	10 11	16 38	16 59	20 11	14 33	1 22
T 25	1 50	27 7	3 41	3 7	1 54	21 21	5 40	25 38	2 12	12 5	1 19	18 7	2 13	19 41	0 14	21 31	1 22	12 8	10 10	16 38	17 0	20 13	14 32	1 22
F 26	2 14	25 38	2 44	2 17	1 50	21 35	5 46	25 37	2 11	12 7	1 19	18 6	2 13	19 41	0 14	21 31	1 22	12 9	10 10	16 38	17 1	20 16	14 31	1 23
S 27	2 37	22 43	1 39	1 26	1 44	21 48	5 52	25 36	2 10	12 9	1 19	18 6	2 14	19 41	0 14	21 31	1 22	12 9	10 10	16 38	17 1	20 18	14 29	1 23
S 28	3 1	18 41	0 31	0 35	1 38	22 0	5 57	25 35	2 9	12 10	1 19	18 5	2 14	19 40	0 14	21 31	1 22	12 9	10 10	16 38	17 2	20 20	14 28	1 24
M29	3 24	13 52	0n38	0n18	1 32	22 11	6 3	25 33	2 9	12 12	1 19	18 5	2 14	19 40	0 14	21 32	1 22	12 10	10 10	16 38	17 3	20 22	14 27	1 24
T 30	3 47	8 33	1 43	1 12	1 25	22 22	6 8	25 32	2 8	12 14	1 19	18 4	2 14	19 40	0 14	21 32	1 22	12 10	10 9	16 38	17 4	20 24	14 25	1 24
W31	4n11	2s59	2n43	2n 6	1s18	22n32	6n13	25n30	2n 7	12n15	1n19	18s 4	2n14	19s39	0n14	21n32	1s22	12n10	10s 9	16s40	17s 5	20n26	14s24	1n25

Julian Day Number = 2413984.5, Delta T = -4.41 sec
Ecliptic obliquity = 23°27'16, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'15, Lahiri = 22°25'15

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1897
geocentric

APRIL 1897 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	12 38 27	11♈31'44	28♓21	10♈19	16♉ 7	4♋45	1°R12	0°R22	28°R42	17♊49	11♊59	13°R48	12♒23	12♉26	12°R55	T 1
F 2	12 42 23	12°30'53	10♈29	12°22	16°21	5°14	1♍ 7	0♐19	28♏40	17°50	12° 0	13♒38	12°20	12°32	12♏52	F 2
S 3	12 46 20	13°30'00	22°31	14°25	16°32	5°44	1° 3	0°17	28°39	17°51	12° 0	13°27	12°16	12°39	12°48	S 3
S 4	12 50 16	14°29'05	4♉27	16°29	16°41	6°13	0°59	0°15	28°37	17°52	12° 1	13°15	12°13	12°46	12°44	S 4
M 5	12 54 13	15°28'08	16°20	18°34	16°48	6°43	0°55	0°12	28°36	17°54	12° 2	13° 4	12°10	12°53	12°41	M 5
T 6	12 58 9	16°27'09	28°11	20°38	16°53	7°13	0°51	0°10	28°34	17°55	12° 3	12°53	12° 7	12°59	12°37	T 6
W 7	13 2 6	17°26'08	10♊ 3	22°44	16°R55	7°43	0°48	0° 7	28°33	17°56	12° 4	12°45	12° 4	13° 6	12°33	W 7
T 8	13 6 3	18°25'04	21°59	24°49	16°55	8°13	0°44	0° 4	28°31	17°57	12° 4	12°39	12° 0	13°13	12°29	T 8
F 9	13 9 59	19°23'58	4♋ 4	26°53	16°53	8°44	0°41	0° 2	28°29	17°59	12° 5	12°36	11°57	13°19	12°25	F 9
S 10	13 13 56	20°22'50	16°20	28°57	16°48	9°14	0°38	29♏59	28°27	18° 0	12° 6	12°D35	11°54	13°26	12°21	S 10
S 11	13 17 52	21°21'40	28°55	1♌ 0	16°41	9°45	0°35	29°56	28°26	18° 1	12° 7	12°35	11°51	13°33	12°17	S 11
M12	13 21 49	22°20'27	11♎52	3° 2	16°31	10°15	0°32	29°53	28°24	18° 3	12° 8	12°R35	11°48	13°40	12°13	M12
T 13	13 25 45	23°19'12	25°15	5° 2	16°18	10°46	0°30	29°50	28°22	18° 4	12° 9	12°34	11°45	13°46	12° 9	T 13
W14	13 29 42	24°17'55	9♍ 7	7° 0	16° 3	11°17	0°27	29°47	28°20	18° 6	12°10	12°32	11°41	13°53	12° 5	W14
T 15	13 33 38	25°16'35	23°29	8°56	15°46	11°48	0°25	29°43	28°18	18° 7	12°11	12°27	11°38	14° 0	12° 0	T 15
F 16	13 37 35	26°15'13	8♎17	10°49	15°27	12°19	0°23	29°40	28°16	18° 9	12°12	12°19	11°35	14° 7	11°56	F 16
S 17	13 41 32	27°13'50	23°25	12°39	15° 5	12°51	0°21	29°37	28°14	18°10	12°13	12°10	11°32	14°13	11°52	S 17
S 18	13 45 28	28°12'24	8♏42	14°26	14°40	13°22	0°20	29°33	28°12	18°12	12°14	11°59	11°29	14°20	11°47	S 18
M19	13 49 25	29°10'56	23°57	16° 9	14°14	13°53	0°18	29°30	28°10	18°13	12°15	11°49	11°26	14°27	11°43	M19
T 20	13 53 21	0♉ 9'27	9♐ 1	17°48	13°46	14°25	0°17	29°26	28° 8	18°15	12°16	11°40	11°22	14°33	11°39	T 20
W21	13 57 18	1° 7'57	23°43	19°24	13°16	14°57	0°16	29°23	28° 6	18°17	12°17	11°33	11°19	14°40	11°34	W21
T 22	14 1 14	2° 6'24	7♑59	20°55	12°44	15°28	0°15	29°19	28° 4	18°18	12°18	11°30	11°16	14°47	11°30	T 22
F 23	14 5 11	3° 4'50	21°48	22°22	12°10	16° 0	0°14	29°15	28° 1	18°20	12°19	11°28	11°13	14°54	11°25	F 23
S 24	14 9 7	4° 3'14	5♒10	23°45	11°36	16°32	0°14	29°12	27°59	18°22	12°21	11°27	11°10	15° 0	11°21	S 24
S 25	14 13 4	5° 1'37	18°10	25° 3	11° 0	17° 4	0°13	29° 8	27°57	18°23	12°22	11°27	11° 6	15° 7	11°16	S 25
M26	14 17 1	5°59'58	0♓49	26°16	10°23	17°36	0°D13	29° 4	27°55	18°25	12°23	11°26	11° 3	15°14	11°12	M26
T 27	14 20 57	6°58'18	13°14	27°25	9°46	18° 9	0°13	29° 0	27°53	18°27	12°24	11°23	11° 0	15°20	11° 7	T 27
W28	14 24 54	7°56'35	25°27	28°28	9° 9	18°41	0°14	28°56	27°50	18°29	12°25	11°18	10°57	15°27	11° 2	W28
T 29	14 28 50	8°54'52	7♈31	29°27	8°31	19°13	0°14	28°52	27°48	18°30	12°26	11° 9	10°54	15°34	10°58	T 29
F 30	14 32 47	9♉53'06	19♈30	0♊21	7♉53	19♋46	0♍15	28♏48	27♏46	18♊32	12♊27	10♒57	10♒51	15♉41	10♏53	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n34	2n37	3n34	3n 1	1s10	22n41	6n17	25n29	2n 7	12n17	1n19	18s 3	2n14	19s39	0n14	21n32	1s22	12n11	10s 9	16s42	17s 6	20n28	14s22	1n25
F 2	4 57	8 3	4 14	3 56	1 2	22 49	6 22	25 27	2 6	12 18	1 19	18 2	2 14	19 39	0 14	21 32	1 22	12 11	10 9	16 44	17 7	20 30	14 21	1 26
S 3	5 20	13 9	4 43	4 52	0 53	22 57	6 26	25 25	2 5	12 20	1 19	18 2	2 15	19 38	0 14	21 32	1 22	12 11	10 8	16 48	17 8	20 32	14 19	1 26
S 4	5 43	17 42	4 59	5 49	0 44	23 3	6 30	25 23	2 4	12 21	1 18	18 1	2 15	19 38	0 14	21 33	1 22	12 12	10 8	16 51	17 9	20 34	14 18	1 27
M 5	6 6	21 33	5 2	6 45	0 34	23 8	6 33	25 21	2 4	12 23	1 18	18 1	2 15	19 38	0 14	21 33	1 22	12 12	10 8	16 54	17 9	20 37	14 16	1 27
T 6	6 28	24 31	4 52	7 42	0 24	23 13	6 36	25 18	2 3	12 24	1 18	18 0	2 15	19 37	0 14	21 33	1 22	12 12	10 8	16 57	17 10	20 39	14 15	1 27
W 7	6 51	26 25	4 30	8 38	0 13	23 16	6 39	25 16	2 2	12 25	1 18	17 59	2 15	19 37	0 14	21 33	1 22	12 13	10 7	17 0	17 11	20 41	14 13	1 28
T 8	7 13	27 7	3 55	9 34	0 3	23 18	6 41	25 13	2 2	12 26	1 18	17 59	2 15	19 37	0 14	21 33	1 22	12 13	10 7	17 1	17 12	20 43	14 12	1 28
F 9	7 36	26 33	3 10	10 30	0n 8	23 19	6 43	25 11	2 1	12 27	1 18	17 58	2 15	19 36	0 14	21 33	1 22	12 13	10 7	17 2	17 13	20 45	14 10	1 29
S 10	7 58	24 41	2 15	11 25	0 19	23 19	6 44	25 8	2 0	12 28	1 18	17 57	2 15	19 36	0 14	21 33	1 22	12 14	10 7	17 3	17 14	20 47	14 8	1 29
S 11	8 20	21 34	1 12	12 18	0 30	23 18	6 45	25 5	2 0	12 29	1 18	17 56	2 15	19 36	0 14	21 34	1 22	12 14	10 7	17 3	17 15	20 49	14 7	1 30
M12	8 42	17 18	0 4	13 11	0 42	23 15	6 46	25 2	1 59	12 30	1 17	17 56	2 16	19 35	0 14	21 34	1 21	12 14	10 6	17 2	17 16	20 51	14 5	1 30
T 13	9 4	12 4	1s 7	14 2	0 53	23 11	6 45	24 59	1 58	12 31	1 17	17 55	2 16	19 35	0 14	21 34	1 21	12 15	10 6	17 3	17 17	20 53	14 3	1 30
W14	9 26	6 3	2 16	14 52	1 4	23 6	6 45	24 56	1 58	12 31	1 17	17 54	2 16	19 34	0 14	21 34	1 21	12 15	10 6	17 3	17 17	20 55	14 2	1 31
T 15	9 47	0s27	3 19	15 40	1 14	22 59	6 43	24 52	1 57	12 32	1 17	17 53	2 16	19 34	0 14	21 34	1 21	12 15	10 6	17 5	17 18	20 57	14 0	1 31
F 16	10 8	7 7	4 10	16 25	1 25	22 51	6 41	24 49	1 56	12 32	1 17	17 53	2 16	19 33	0 14	21 35	1 21	12 16	10 6	17 7	17 19	20 59	13 58	1 32
S 17	10 30	13 31	4 45	17 9	1 35	22 42	6 38	24 45	1 56	12 33	1 17	17 52	2 16	19 33	0 14	21 35	1 21	12 16	10 5	17 10	17 20	21 1	13 57	1 32
S 18	10 51	19 9	5 0	17 50	1 45	22 31	6 35	24 41	1 55	12 33	1 17	17 51	2 16	19 33	0 14	21 35	1 21	12 16	10 5	17 12	17 21	21 3	13 55	1 32
M19	11 11	23 31	4 54	18 29	1 54	22 19	6 30	24 37	1 54	12 34	1 16	17 50	2 16	19 32	0 14	21 35	1 21	12 16	10 5	17 15	17 22	21 5	13 53	1 33
T 20	11 32	26 13	4 28	19 6	2 2	22 6	6 26	24 33	1 54	12 34	1 16	17 49	2 16	19 32	0 14	21 35	1 21	12 17	10 5	17 18	17 23	21 7	13 52	1 33
W21	11 53	27 2	3 44	19 40	2 10	21 51	6 20	24 29	1 53	12 34	1 16	17 49	2 16	19 31	0 14	21 35	1 21	12 17	10 5	17 20	17 24	21 9	13 50	1 34
T 22	12 13	26 0	2 47	20 12	2 17	21 35	6 13	24 25	1 52	12 34	1 16	17 48	2 16	19 31	0 14	21 36	1 21	12 17	10 4	17 21	17 24	21 11	13 48	1 34
F 23	12 33	23 22	1 42	20 41	2 23	21 18	6 6	24 21	1 52	12 35	1 16	17 47	2 17	19 30	0 14	21 36	1 21	12 18	10 4	17 21	17 25	21 13	13 46	1 34
S 24	12 53	19 31	0 33	21 7	2 29	20 59	5 58	24 16	1 51	12 35	1 16	17 46	2 17	19 30	0 14	21 36	1 21	12 18	10 4	17 21	17 26	21 15	13 45	1 35
S 25	13 12	14 50	0n35	21 31	2 33	20 40	5 50	24 11	1 50	12 35	1 15	17 45	2 17	19 29	0 14	21 36	1 21	12 18	10 4	17 21	17 27	21 17	13 43	1 35
M26	13 32	9 37	1 40	21 52	2 37	20 19	5 40	24 6	1 50	12 35	1 15	17 44	2 17	19 29	0 14	21 36	1 21	12 19	10 4	17 22	17 28	21 19	13 41	1 35
T 27	13 51	4 9	2 39	22 11	2 40	19 58	5 30	24 2	1 49	12 34	1 15	17 43	2 17	19 28	0 14	21 37	1 21	12 19	10 4	17 22	17 29	21 21	13 39	1 36
W28	14 10	1n24	3 30	22 27	2 41	19 35	5 19	23 56	1 48	12 34	1 15	17 42	2 17	19 28	0 14	21 37	1 21	12 19	10 3	17 24	17 30	21 23	13 38	1 36
T 29	14 29	6 49	4 10	22 41	2 42	19 12	5 8	23 51	1 48	12 34	1 15	17 42	2 17	19 27	0 14	21 37	1 21	12 20	10 3	17 26	17 31	21 25	13 36	1 37
F 30	14n47	11n56	4n39	22n53	2n42	18n49	4n56	23n46	1n47	12n33	1n15	17s41	2n17	19s27	0n14	21n37	1s21	12n20	10s 3	17s30	17s31	21n27	13s34	1n37

Julian Day Number = 2414015.5, Delta T = -4.36 sec
Ecliptic obliquity = 23°27'16, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'19, Lahiri = 22°25'20

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ASTRODIENST EPHEMERIS for the year 1897
geocentric

MAY 1897 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 36 43	10♉51'19	1♉25	1♊10	7°R16	20♋18	0♍15	28°R44	27°R43	18♊34	12♊29	10°R44	10♒47	15♉47	10°R49	S 1
S 2	14 40 40	11°49'31	13°18	1°54	6♉39	20°51	0°16	28♏39	27♏41	18°36	12°30	10♒30	10°44	15°54	10♏44	S 2
M 3	14 44 36	12°47'41	25° 9	2°32	6° 3	21°24	0°17	28°35	27°39	18°38	12°31	10°16	10°41	16° 1	10°39	M 3
T 4	14 48 33	13°45'49	7♊ 2	3° 6	5°28	21°56	0°19	28°31	27°36	18°40	12°32	10° 3	10°38	16° 8	10°35	T 4
W 5	14 52 30	14°43'55	18°56	3°34	4°54	22°29	0°20	28°27	27°34	18°42	12°34	9°52	10°35	16°14	10°30	W 5
T 6	14 56 26	15°41'59	0♋55	3°57	4°22	23° 2	0°22	28°22	27°31	18°44	12°35	9°45	10°31	16°21	10°26	T 6
F 7	15 0 23	16°40'02	13° 2	4°14	3°51	23°35	0°24	28°18	27°29	18°46	12°36	9°40	10°28	16°28	10°21	F 7
S 8	15 4 19	17°38'03	25°20	4°27	3°23	24° 8	0°26	28°14	27°26	18°48	12°37	9°38	10°25	16°34	10°17	S 8
S 9	15 8 16	18°36'02	7♌53	4°34	2°56	24°42	0°28	28° 9	27°24	18°50	12°39	9°D37	10°22	16°41	10°12	S 9
M10	15 12 12	19°33'59	20°46	4°R36	2°31	25°15	0°30	28° 5	27°21	18°52	12°40	9°R37	10°19	16°48	10° 8	M10
T 11	15 16 9	20°31'54	4♍ 3	4°33	2° 8	25°48	0°33	28° 1	27°19	18°54	12°41	9°37	10°16	16°55	10° 3	T 11
W12	15 20 5	21°29'47	17°48	4°26	1°47	26°22	0°36	27°56	27°17	18°56	12°42	9°34	10°12	17° 1	9°59	W12
T 13	15 24 2	22°27'38	2♎ 1	4°14	1°29	26°55	0°39	27°52	27°14	18°58	12°44	9°30	10° 9	17° 8	9°54	T 13
F 14	15 27 59	23°25'28	16°42	3°58	1°13	27°29	0°42	27°47	27°12	19° 0	12°45	9°23	10° 6	17°15	9°50	F 14
S 15	15 31 55	24°23'16	1♏44	3°37	1° 0	28° 2	0°45	27°43	27° 9	19° 2	12°46	9°14	10° 3	17°21	9°46	S 15
S 16	15 35 52	25°21'03	17° 1	3°14	0°49	28°36	0°48	27°38	27° 7	19° 4	12°48	9° 4	10° 0	17°28	9°41	S 16
M17	15 39 48	26°18'48	2♐21	2°47	0°40	29°10	0°52	27°34	27° 4	19° 6	12°49	8°54	9°57	17°35	9°37	M17
T 18	15 43 45	27°16'32	17°32	2°17	0°34	29°43	0°56	27°29	27° 2	19° 8	12°50	8°45	9°53	17°42	9°33	T 18
W19	15 47 41	28°14'15	2♑24	1°46	0°30	0♌17	1° 0	27°25	26°59	19°10	12°52	8°38	9°50	17°48	9°29	W19
T 20	15 51 38	29°11'56	16°51	1°12	0°D29	0°51	1° 4	27°20	26°57	19°12	12°53	8°34	9°47	17°55	9°25	T 20
F 21	15 55 35	0♊ 9'37	0♒49	0°38	0°29	1°25	1° 8	27°16	26°54	19°14	12°54	8°33	9°44	18° 2	9°20	F 21
S 22	15 59 31	1° 7'16	14°19	0° 4	0°33	1°59	1°12	27°12	26°52	19°16	12°56	8°D33	9°41	18° 9	9°16	S 22
S 23	16 3 28	2° 4'54	27°22	29♉30	0°38	2°33	1°17	27° 7	26°49	19°19	12°57	8°R33	9°37	18°15	9°12	S 23
M24	16 7 24	3° 2'31	10♓ 3	28°57	0°46	3° 7	1°22	27° 3	26°47	19°21	12°58	8°33	9°34	18°22	9° 9	M24
T 25	16 11 21	4° 0'08	22°25	28°25	0°56	3°41	1°26	26°58	26°44	19°23	13° 0	8°31	9°31	18°29	9° 5	T 25
W26	16 15 17	4°57'43	4♈34	27°55	1° 8	4°16	1°31	26°54	26°42	19°25	13° 1	8°27	9°28	18°35	9° 1	W26
T 27	16 19 14	5°55'18	16°34	27°27	1°22	4°50	1°37	26°49	26°39	19°27	13° 3	8°21	9°25	18°42	8°57	T 27
F 28	16 23 10	6°52'51	28°29	27° 3	1°38	5°24	1°42	26°45	26°37	19°30	13° 4	8°12	9°22	18°49	8°53	F 28
S 29	16 27 7	7°50'24	10♉20	26°41	1°56	5°59	1°47	26°41	26°34	19°32	13° 5	8° 2	9°18	18°56	8°50	S 29
S 30	16 31 3	8°47'56	22°12	26°24	2°16	6°33	1°53	26°36	26°32	19°34	13° 7	7°51	9°15	19° 2	8°46	S 30
M31	16 35 0	9♊45'26	4♊ 5	26♉10	2♉38	7♌ 8	1♍59	26♏32	26♏29	19♊36	13♊ 8	7♒40	9♒12	19♉ 9	8♏43	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 6	16n35	4n55	23n 2	2n41	18n25	4n44	23n40	1n47	12n33	1n14	17s40	2n17	19s26	0n14	21n37	1s21	12n20	10s 3	17s33	17s32	21n29	13s32	1n37
S 2	15 24	20 35	4 59	23 8	2 38	18 0	4 31	23 35	1 46	12 33	1 14	17 39	2 17	19 26	0 14	21 37	1 21	12 20	10 3	17 37	17 33	21 30	13 31	1 38
M 3	15 41	23 45	4 49	23 12	2 35	17 36	4 18	23 29	1 45	12 32	1 14	17 38	2 17	19 25	0 14	21 38	1 21	12 21	10 3	17 41	17 34	21 32	13 29	1 38
T 4	15 59	25 53	4 27	23 14	2 30	17 11	4 4	23 23	1 45	12 31	1 14	17 37	2 17	19 25	0 14	21 38	1 21	12 21	10 3	17 44	17 35	21 34	13 27	1 38
W 5	16 16	26 52	3 53	23 14	2 24	16 47	3 50	23 17	1 44	12 31	1 14	17 36	2 17	19 24	0 14	21 38	1 21	12 21	10 2	17 47	17 36	21 36	13 25	1 39
T 6	16 33	26 36	3 9	23 12	2 17	16 22	3 36	23 11	1 43	12 30	1 14	17 35	2 17	19 23	0 14	21 38	1 21	12 22	10 2	17 49	17 37	21 38	13 24	1 39
F 7	16 50	25 4	2 16	23 7	2 9	15 58	3 22	23 5	1 43	12 29	1 13	17 34	2 17	19 23	0 14	21 38	1 21	12 22	10 2	17 51	17 37	21 40	13 22	1 39
S 8	17 6	22 19	1 15	23 1	2 0	15 35	3 7	22 58	1 42	12 28	1 13	17 33	2 17	19 22	0 14	21 39	1 21	12 22	10 2	17 51	17 38	21 42	13 20	1 40
S 9	17 22	18 27	0 9	22 52	1 50	15 12	2 53	22 52	1 42	12 27	1 13	17 32	2 17	19 22	0 14	21 39	1 20	12 22	10 2	17 51	17 39	21 44	13 18	1 40
M10	17 38	13 39	0s59	22 41	1 38	14 50	2 39	22 45	1 41	12 26	1 13	17 31	2 17	19 21	0 14	21 39	1 20	12 23	10 2	17 51	17 40	21 46	13 17	1 40
T 11	17 54	8 5	2 5	22 28	1 26	14 29	2 24	22 38	1 40	12 25	1 13	17 30	2 17	19 21	0 14	21 39	1 20	12 23	10 2	17 51	17 41	21 48	13 15	1 40
W12	18 9	1 57	3 7	22 14	1 12	14 8	2 10	22 32	1 40	12 24	1 13	17 29	2 17	19 20	0 14	21 39	1 20	12 23	10 2	17 52	17 42	21 49	13 13	1 41
T 13	18 24	4s28	4 0	21 57	0 58	13 48	1 56	22 24	1 39	12 23	1 12	17 28	2 17	19 20	0 14	21 40	1 20	12 24	10 1	17 53	17 43	21 51	13 12	1 41
F 14	18 38	10 51	4 38	21 39	0 43	13 30	1 42	22 17	1 38	12 22	1 12	17 27	2 17	19 19	0 14	21 40	1 20	12 24	10 1	17 55	17 43	21 53	13 10	1 41
S 15	18 53	16 45	4 59	21 20	0 27	13 12	1 28	22 10	1 38	12 20	1 12	17 26	2 17	19 18	0 14	21 40	1 20	12 24	10 1	17 57	17 44	21 55	13 8	1 42
S 16	19 7	21 42	4 58	20 59	0 10	12 56	1 15	22 2	1 37	12 19	1 12	17 25	2 17	19 18	0 14	21 40	1 20	12 24	10 1	18 0	17 45	21 57	13 7	1 42
M17	19 20	25 10	4 37	20 37	0s 7	12 40	1 1	21 55	1 37	12 18	1 12	17 24	2 17	19 17	0 14	21 40	1 20	12 25	10 1	18 3	17 46	21 59	13 5	1 42
T 18	19 34	26 47	3 56	20 14	0 24	12 26	0 48	21 47	1 36	12 16	1 12	17 23	2 17	19 17	0 14	21 41	1 20	12 25	10 1	18 5	17 47	22 0	13 4	1 43
W19	19 47	26 25	2 59	19 51	0 41	12 13	0 36	21 39	1 35	12 15	1 12	17 22	2 17	19 16	0 14	21 41	1 20	12 25	10 1	18 7	17 48	22 2	13 2	1 43
T 20	19 59	24 15	1 52	19 27	0 59	12 1	0 24	21 31	1 35	12 13	1 11	17 22	2 17	19 16	0 14	21 41	1 20	12 25	10 1	18 8	17 49	22 4	13 0	1 43
F 21	20 12	20 39	0 41	19 3	1 16	11 50	0 12	21 23	1 34	12 11	1 11	17 21	2 17	19 15	0 14	21 41	1 20	12 26	10 1	18 8	17 49	22 6	12 59	1 43
S 22	20 24	16 3	0n31	18 39	1 34	11 40	0 0	21 15	1 34	12 10	1 11	17 20	2 17	19 15	0 14	21 41	1 20	12 26	10 1	18 8	17 50	22 8	12 57	1 44
S 23	20 35	10 51	1 38	18 16	1 50	11 32	0s11	21 7	1 33	12 8	1 11	17 19	2 16	19 14	0 14	21 42	1 20	12 26	10 0	18 8	17 51	22 9	12 56	1 44
M24	20 47	5 21	2 39	17 53	2 6	11 24	0 22	20 58	1 32	12 6	1 11	17 18	2 16	19 13	0 14	21 42	1 20	12 26	10 0	18 8	17 52	22 11	12 54	1 44
T 25	20 58	0n13	3 31	17 31	2 22	11 18	0 32	20 50	1 32	12 4	1 11	17 17	2 16	19 13	0 14	21 42	1 20	12 27	10 0	18 9	17 53	22 13	12 53	1 44
W26	21 8	5 41	4 12	17 10	2 36	11 13	0 42	20 41	1 31	12 2	1 10	17 16	2 16	19 12	0 14	21 42	1 20	12 27	10 0	18 10	17 54	22 15	12 51	1 45
T 27	21 18	10 51	4 42	16 51	2 50	11 9	0 52	20 32	1 31	12 0	1 10	17 15	2 16	19 12	0 14	21 42	1 20	12 27	10 0	18 11	17 55	22 17	12 50	1 45
F 28	21 28	15 35	4 59	16 33	3 2	11 5	1 2	20 23	1 30	11 58	1 10	17 14	2 16	19 11	0 14	21 42	1 20	12 27	10 0	18 14	17 55	22 18	12 49	1 45
S 29	21 38	19 43	5 3	16 17	3 14	11 3	1 11	20 14	1 30	11 56	1 10	17 13	2 16	19 11	0 14	21 43	1 20	12 27	10 0	18 16	17 56	22 20	12 47	1 45
S 30	21 47	23 4	4 54	16 3	3 24	11 2	1 19	20 5	1 29	11 54	1 10	17 12	2 16	19 10	0 14	21 43	1 20	12 28	10 0	18 19	17 57	22 22	12 46	1 46
M31	21n56	25n26	4n32	15n51	3s33	11n 1	1s27	19n55	1n28	11n52	1n10	17s11	2n16	19s 9	0n14	21n43	1s20	12n28	10s 0	18s22	17s58	22n24	12s45	1n46

Julian Day Number = 2414045.5, Delta T = -4.31 sec
Ecliptic obliquity = 23°27'16, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'23, Lahiri = 22°25'24

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ASTRODIENST EPHEMERIS for the year 1897
geocentric

JUNE 1897 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 38 57	10♊42'56	16♊ 1	26°R 0	3♉ 1	7♌42	2♍ 5	26°R28	26°R27	19♊38	13♊ 9	7°R30	9♒ 9	19♉16	8°R39	T 1
W 2	16 42 53	11°40'25	28° 2	25♉54	3°26	8°17	2°11	26♏23	26♏25	19°41	13°11	7♒22	9° 6	19°22	8♏36	W 2
T 3	16 46 50	12°37'53	10♋10	25°D53	3°53	8°52	2°17	26°19	26°22	19°43	13°12	7°16	9° 3	19°29	8°33	T 3
F 4	16 50 46	13°35'20	22°25	25°56	4°21	9°27	2°23	26°15	26°20	19°45	13°14	7°13	8°59	19°36	8°30	F 4
S 5	16 54 43	14°32'45	4♌51	26° 4	4°50	10° 1	2°30	26°11	26°17	19°47	13°15	7°D11	8°56	19°43	8°27	S 5
S 6	16 58 39	15°30'10	17°31	26°16	5°21	10°36	2°37	26° 7	26°15	19°50	13°16	7°12	8°53	19°49	8°23	S 6
M 7	17 2 36	16°27'33	0♍28	26°33	5°54	11°11	2°43	26° 3	26°13	19°52	13°18	7°13	8°50	19°56	8°21	M 7
T 8	17 6 33	17°24'56	13°44	26°54	6°27	11°46	2°50	25°59	26°11	19°54	13°19	7°R14	8°47	20° 3	8°18	T 8
W 9	17 10 29	18°22'17	27°23	27°19	7° 2	12°21	2°57	25°55	26° 8	19°56	13°20	7°13	8°43	20°10	8°15	W 9
T 10	17 14 26	19°19'37	11♎26	27°49	7°39	12°56	3° 4	25°51	26° 6	19°58	13°22	7°11	8°40	20°16	8°12	T 10
F 11	17 18 22	20°16'56	25°53	28°23	8°16	13°31	3°12	25°47	26° 4	20° 1	13°23	7° 7	8°37	20°23	8°10	F 11
S 12	17 22 19	21°14'14	10♏40	29° 2	8°55	14° 7	3°19	25°43	26° 2	20° 3	13°25	7° 2	8°34	20°30	8° 7	S 12
S 13	17 26 15	22°11'32	25°41	29°44	9°34	14°42	3°27	25°39	25°59	20° 5	13°26	6°56	8°31	20°36	8° 5	S 13
M14	17 30 12	23° 8'48	10♐48	0♊31	10°15	15°17	3°34	25°36	25°57	20° 7	13°27	6°49	8°28	20°43	8° 2	M14
T 15	17 34 8	24° 6'04	25°50	1°21	10°57	15°52	3°42	25°32	25°55	20°10	13°29	6°43	8°24	20°50	8° 0	T 15
W16	17 38 5	25° 3'20	10♑39	2°15	11°39	16°28	3°50	25°28	25°53	20°12	13°30	6°39	8°21	20°57	7°58	W16
T 17	17 42 2	26° 0'35	25° 7	3°14	12°23	17° 3	3°58	25°25	25°51	20°14	13°31	6°37	8°18	21° 3	7°56	T 17
F 18	17 45 58	26°57'50	9♒ 9	4°15	13° 7	17°39	4° 6	25°21	25°49	20°16	13°33	6°D37	8°15	21°10	7°54	F 18
S 19	17 49 55	27°55'04	22°44	5°21	13°53	18°14	4°14	25°18	25°47	20°19	13°34	6°38	8°12	21°17	7°52	S 19
S 20	17 53 51	28°52'18	5♓53	6°30	14°39	18°50	4°23	25°15	25°45	20°21	13°35	6°39	8° 9	21°23	7°50	S 20
M21	17 57 48	29°49'32	18°38	7°43	15°26	19°25	4°31	25°11	25°43	20°23	13°37	6°40	8° 5	21°30	7°49	M21
T 22	18 1 44	0♋46'46	1♈ 4	9° 0	16°14	20° 1	4°40	25° 8	25°41	20°25	13°38	6°R41	8° 2	21°37	7°47	T 22
W23	18 5 41	1°43'59	13°14	10°20	17° 3	20°36	4°48	25° 5	25°39	20°27	13°39	6°40	7°59	21°44	7°46	W23
T 24	18 9 37	2°41'13	25°14	11°43	17°52	21°12	4°57	25° 2	25°38	20°30	13°41	6°38	7°56	21°50	7°44	T 24
F 25	18 13 34	3°38'27	7♉ 8	13°10	18°42	21°48	5° 6	24°59	25°36	20°32	13°42	6°34	7°53	21°57	7°43	F 25
S 26	18 17 31	4°35'40	18°59	14°40	19°33	22°24	5°15	24°56	25°34	20°34	13°43	6°30	7°49	22° 4	7°42	S 26
S 27	18 21 27	5°32'54	0♊52	16°14	20°24	23° 0	5°24	24°53	25°32	20°36	13°45	6°24	7°46	22°11	7°41	S 27
M28	18 25 24	6°30'08	12°49	17°51	21°16	23°36	5°33	24°50	25°31	20°38	13°46	6°19	7°43	22°17	7°40	M28
T 29	18 29 20	7°27'21	24°51	19°31	22° 8	24°12	5°43	24°48	25°29	20°41	13°47	6°14	7°40	22°24	7°39	T 29
W30	18 33 17	8♋24'35	7♋ 2	21♊14	23♉ 2	24♌48	5♍52	24♏45	25♏27	20♊43	13♊49	6♒11	7♒37	22♉31	7♏38	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 4	26n40	3n58	15n41	3s41	11n 2	1s35	19n46	1n28	11n49	1n 9	17s11	2n16	19s 9	0n14	21n43	1s20	12n28	10s 0	18s24	17s59	22n25	12s43	1n46
W 2	22 12	26 40	3 14	15 33	3 48	11 3	1 43	19 36	1 27	11 47	1 9	17 10	2 16	19 8	0 14	21 43	1 20	12 28	10 0	18 27	18 0	22 27	12 42	1 46
T 3	22 20	25 23	2 20	15 28	3 53	11 5	1 50	19 27	1 27	11 45	1 9	17 9	2 15	19 8	0 14	21 44	1 20	12 28	10 0	18 28	18 0	22 29	12 41	1 46
F 4	22 27	22 53	1 18	15 24	3 57	11 8	1 57	19 17	1 26	11 42	1 9	17 8	2 15	19 7	0 14	21 44	1 20	12 29	10 0	18 29	18 1	22 30	12 40	1 47
S 5	22 33	19 16	0 13	15 23	4 1	11 12	2 4	19 7	1 25	11 40	1 9	17 7	2 15	19 7	0 14	21 44	1 20	12 29	10 0	18 29	18 2	22 32	12 38	1 47
S 6	22 40	14 43	0s55	15 24	4 2	11 16	2 10	18 57	1 25	11 37	1 9	17 6	2 15	19 6	0 14	21 44	1 20	12 29	10 0	18 29	18 3	22 34	12 37	1 47
M 7	22 46	9 25	2 2	15 27	4 3	11 21	2 16	18 47	1 24	11 35	1 9	17 5	2 15	19 6	0 14	21 44	1 20	12 29	10 0	18 29	18 4	22 36	12 36	1 47
T 8	22 51	3 34	3 4	15 32	4 3	11 27	2 22	18 36	1 24	11 32	1 8	17 5	2 15	19 5	0 14	21 45	1 20	12 29	10 0	18 29	18 5	22 37	12 35	1 47
W 9	22 57	2s35	3 57	15 39	4 2	11 33	2 27	18 26	1 23	11 29	1 8	17 4	2 15	19 5	0 14	21 45	1 20	12 30	10 0	18 29	18 5	22 39	12 34	1 48
T 10	23 1	8 47	4 38	15 47	4 0	11 40	2 32	18 16	1 23	11 27	1 8	17 3	2 15	19 4	0 14	21 45	1 20	12 30	10 0	18 29	18 6	22 41	12 33	1 48
F 11	23 6	14 41	5 2	15 58	3 57	11 48	2 37	18 5	1 22	11 24	1 8	17 2	2 14	19 4	0 14	21 45	1 20	12 30	10 0	18 30	18 7	22 42	12 32	1 48
S 12	23 10	19 54	5 7	16 10	3 53	11 55	2 42	17 54	1 21	11 21	1 8	17 2	2 14	19 3	0 14	21 45	1 20	12 30	10 0	18 32	18 8	22 44	12 31	1 48
S 13	23 13	23 55	4 52	16 23	3 48	12 4	2 46	17 43	1 21	11 18	1 8	17 1	2 14	19 3	0 14	21 45	1 20	12 30	10 0	18 33	18 9	22 46	12 30	1 48
M14	23 17	26 18	4 16	16 38	3 43	12 13	2 50	17 32	1 20	11 15	1 8	17 0	2 14	19 2	0 14	21 46	1 20	12 30	9 59	18 35	18 10	22 47	12 29	1 49
T 15	23 19	26 46	3 22	16 55	3 36	12 22	2 53	17 21	1 20	11 12	1 8	16 59	2 14	19 2	0 14	21 46	1 20	12 31	9 59	18 36	18 10	22 49	12 28	1 49
W16	23 22	25 17	2 16	17 12	3 29	12 32	2 57	17 10	1 19	11 9	1 7	16 59	2 14	19 1	0 14	21 46	1 20	12 31	9 59	18 37	18 11	22 51	12 27	1 49
T 17	23 24	22 8	1 2	17 31	3 22	12 42	3 0	16 59	1 18	11 6	1 7	16 58	2 13	19 1	0 14	21 46	1 20	12 31	9 59	18 38	18 12	22 52	12 27	1 49
F 18	23 25	17 45	0n14	17 50	3 14	12 53	3 3	16 47	1 18	11 3	1 7	16 57	2 13	19 0	0 14	21 46	1 20	12 31	10 0	18 38	18 13	22 54	12 26	1 49
S 19	23 26	12 35	1 27	18 10	3 5	13 3	3 6	16 36	1 17	11 0	1 7	16 57	2 13	19 0	0 14	21 46	1 20	12 31	10 0	18 38	18 14	22 55	12 25	1 49
S 20	23 27	7 0	2 32	18 31	2 56	13 14	3 8	16 24	1 17	10 57	1 7	16 56	2 13	18 59	0 13	21 47	1 20	12 31	10 0	18 37	18 15	22 57	12 24	1 50
M21	23 27	1 18	3 29	18 53	2 46	13 26	3 11	16 13	1 16	10 54	1 7	16 56	2 13	18 59	0 13	21 47	1 20	12 32	10 0	18 37	18 15	22 59	12 24	1 50
T 22	23 27	4n18	4 13	19 15	2 36	13 37	3 13	16 1	1 16	10 50	1 7	16 55	2 12	18 59	0 13	21 47	1 20	12 32	10 0	18 37	18 16	23 0	12 23	1 50
W23	23 27	9 37	4 46	19 37	2 25	13 49	3 15	15 49	1 15	10 47	1 7	16 54	2 12	18 58	0 13	21 47	1 20	12 32	10 0	18 37	18 17	23 2	12 22	1 50
T 24	23 26	14 30	5 5	20 0	2 14	14 1	3 16	15 37	1 14	10 44	1 6	16 54	2 12	18 58	0 13	21 47	1 20	12 32	10 0	18 38	18 18	23 3	12 22	1 50
F 25	23 24	18 48	5 11	20 22	2 3	14 13	3 18	15 25	1 14	10 40	1 6	16 53	2 12	18 57	0 13	21 47	1 20	12 32	10 0	18 38	18 19	23 5	12 21	1 50
S 26	23 22	22 21	5 4	20 44	1 51	14 26	3 19	15 13	1 13	10 37	1 6	16 53	2 12	18 57	0 13	21 47	1 20	12 32	10 0	18 40	18 19	23 7	12 21	1 50
S 27	23 20	24 58	4 44	21 6	1 39	14 38	3 20	15 0	1 13	10 34	1 6	16 52	2 12	18 56	0 13	21 48	1 20	12 32	10 0	18 41	18 20	23 8	12 20	1 51
M28	23 18	26 30	4 11	21 27	1 27	14 51	3 21	14 48	1 12	10 30	1 6	16 52	2 11	18 56	0 13	21 48	1 20	12 32	10 0	18 42	18 21	23 10	12 20	1 51
T 29	23 15	26 48	3 27	21 48	1 15	15 4	3 22	14 36	1 12	10 27	1 6	16 51	2 11	18 56	0 13	21 48	1 20	12 32	10 0	18 43	18 22	23 11	12 19	1 51
W30	23n11	25n48	2n33	22n 7	1s 3	15n16	3s23	14n23	1n11	10n23	1n 6	16s51	2n11	18s55	0n13	21n48	1s20	12n33	10s 0	18s44	18s23	23n13	12s19	1n51

Julian Day Number = 2414076.5, Delta T = -4.26 sec
Ecliptic obliquity = 23°27'15, Nutation = 0°00'12, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'28, Lahiri = 22°25'28

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ASTRODIENST EPHEMERIS for the year 1897
geocentric

JULY 1897 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	18 37 13	9♋21'48	19♋22	23♊ 0	23♉55	25♌24	6♍ 2	24°R42	25°R26	20♊45	13♊50	6°R 8	7♒34	22♉37	7°R38	T 1
F 2	18 41 10	10°19'02	1♌52	24°50	24°49	26° 0	6°11	24♏40	25♏24	20°47	13°51	6°D 7	7°30	22°44	7♏37	F 2
S 3	18 45 6	11°16'15	14°35	26°42	25°44	26°36	6°21	24°37	25°23	20°49	13°52	6♒ 7	7°27	22°51	7°37	S 3
S 4	18 49 3	12°13'28	27°30	28°37	26°39	27°12	6°31	24°35	25°21	20°51	13°54	6° 8	7°24	22°58	7°37	S 4
M 5	18 53 0	13°10'41	10♍39	0♋34	27°35	27°48	6°41	24°33	25°20	20°53	13°55	6°10	7°21	23° 4	7°36	M 5
T 6	18 56 56	14° 7'53	24° 5	2°34	28°31	28°25	6°51	24°31	25°18	20°55	13°56	6°11	7°18	23°11	7°D36	T 6
W 7	19 0 53	15° 5'06	7♎46	4°36	29°27	29° 1	7° 1	24°29	25°17	20°58	13°57	6°12	7°15	23°18	7°36	W 7
T 8	19 4 49	16° 2'18	21°45	6°40	0♊24	29°37	7°11	24°27	25°16	21° 0	13°59	6°R12	7°11	23°24	7°36	T 8
F 9	19 8 46	16°59'30	6♏ 0	8°46	1°22	0♍14	7°21	24°25	25°15	21° 2	14° 0	6°11	7° 8	23°31	7°37	F 9
S 10	19 12 42	17°56'42	20°29	10°52	2°20	0°50	7°31	24°23	25°13	21° 4	14° 1	6°10	7° 5	23°38	7°37	S 10
S 11	19 16 39	18°53'54	5♐ 8	13° 0	3°18	1°27	7°42	24°22	25°12	21° 6	14° 2	6° 8	7° 2	23°45	7°37	S 11
M12	19 20 36	19°51'07	19°51	15° 9	4°17	2° 3	7°52	24°20	25°11	21° 8	14° 3	6° 6	6°59	23°51	7°38	M12
T 13	19 24 32	20°48'19	4♑31	17°18	5°15	2°40	8° 3	24°18	25°10	21°10	14° 4	6° 4	6°55	23°58	7°38	T 13
W14	19 28 29	21°45'32	19° 2	19°27	6°15	3°16	8°13	24°17	25° 9	21°12	14° 6	6° 3	6°52	24° 5	7°39	W14
T 15	19 32 25	22°42'45	3♒18	21°35	7°15	3°53	8°24	24°16	25° 8	21°14	14° 7	6°D 2	6°49	24°11	7°40	T 15
F 16	19 36 22	23°39'58	17°13	23°44	8°15	4°30	8°35	24°14	25° 7	21°16	14° 8	6° 2	6°46	24°18	7°41	F 16
S 17	19 40 18	24°37'12	0♓46	25°52	9°15	5° 6	8°46	24°13	25° 6	21°18	14° 9	6° 3	6°43	24°25	7°42	S 17
S 18	19 44 15	25°34'26	13°56	27°59	10°16	5°43	8°57	24°12	25° 5	21°20	14°10	6° 4	6°40	24°32	7°43	S 18
M19	19 48 11	26°31'41	26°44	0♌ 4	11°17	6°20	9° 8	24°11	25° 5	21°22	14°11	6° 5	6°36	24°38	7°45	M19
T 20	19 52 8	27°28'57	9♈13	2° 9	12°18	6°57	9°19	24°10	25° 4	21°23	14°12	6° 6	6°33	24°45	7°46	T 20
W21	19 56 5	28°26'14	21°26	4°13	13°20	7°34	9°30	24°10	25° 3	21°25	14°13	6° 6	6°30	24°52	7°47	W21
T 22	20 0 1	29°23'31	3♉28	6°15	14°22	8°11	9°41	24° 9	25° 3	21°27	14°14	6°R 6	6°27	24°58	7°49	T 22
F 23	20 3 58	0♌20'50	15°23	8°15	15°24	8°48	9°52	24° 8	25° 2	21°29	14°15	6° 6	6°24	25° 5	7°51	F 23
S 24	20 7 54	1°18'09	27°15	10°14	16°26	9°25	10° 4	24° 8	25° 2	21°31	14°16	6° 5	6°21	25°12	7°53	S 24
S 25	20 11 51	2°15'30	9♊ 9	12°12	17°29	10° 2	10°15	24° 8	25° 1	21°33	14°17	6° 5	6°17	25°19	7°54	S 25
M26	20 15 47	3°12'51	21°10	14° 8	18°32	10°39	10°27	24° 7	25° 1	21°34	14°18	6° 4	6°14	25°25	7°56	M26
T 27	20 19 44	4°10'13	3♋19	16° 2	19°35	11°16	10°38	24° 7	25° 0	21°36	14°19	6° 4	6°11	25°32	7°59	T 27
W28	20 23 40	5° 7'36	15°39	17°54	20°39	11°53	10°50	24°D 7	25° 0	21°38	14°20	6° 4	6° 8	25°39	8° 1	W28
T 29	20 27 37	6° 5'00	28°14	19°45	21°42	12°31	11° 1	24° 7	25° 0	21°40	14°21	6°D 4	6° 5	25°46	8° 3	T 29
F 30	20 31 34	7° 2'25	11♌ 2	21°34	22°46	13° 8	11°13	24° 7	24°59	21°41	14°22	6°R 4	6° 1	25°52	8° 6	F 30
S 31	20 35 30	7♌59'50	24♌ 6	23♌22	23♊51	13♍45	11♍25	24♏ 7	24♏59	21♊43	14♊23	6♒ 4	5♒58	25♉59	8♏ 8	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	23n 7	23n33	1n31	22n26	0s50	15n29	3s23	14n10	1n11	10n19	1n 6	16s51	2n11	18s55	0n13	21n48	1s20	12n33	10s 0	18s45	18s23	23n14	12s19	1n51
F 2	23 3	20 8	0 23	22 43	0 38	15 42	3 23	13 58	1 10	10 16	1 6	16 50	2 10	18 55	0 13	21 48	1 20	12 33	10 0	18 45	18 24	23 16	12 18	1 51
S 3	22 59	15 44	0s46	22 59	0 26	15 55	3 23	13 45	1 9	10 12	1 5	16 50	2 10	18 54	0 13	21 48	1 20	12 33	10 0	18 45	18 25	23 17	12 18	1 51
S 4	22 53	10 33	1 55	23 13	0 14	16 7	3 23	13 32	1 9	10 8	1 5	16 50	2 10	18 54	0 13	21 49	1 20	12 33	10 0	18 45	18 26	23 19	12 18	1 51
M 5	22 48	4 49	2 59	23 25	0 3	16 20	3 23	13 19	1 8	10 5	1 5	16 49	2 10	18 54	0 13	21 49	1 20	12 33	10 0	18 45	18 27	23 20	12 18	1 52
T 6	22 42	1s14	3 54	23 35	0n 9	16 33	3 23	13 6	1 8	10 1	1 5	16 49	2 10	18 53	0 13	21 49	1 20	12 33	10 0	18 44	18 28	23 22	12 18	1 52
W 7	22 36	7 20	4 37	23 42	0 20	16 45	3 22	12 52	1 7	9 57	1 5	16 49	2 9	18 53	0 13	21 49	1 20	12 33	10 0	18 44	18 28	23 23	12 18	1 52
T 8	22 29	13 12	5 5	23 47	0 30	16 58	3 22	12 39	1 7	9 53	1 5	16 48	2 9	18 53	0 13	21 49	1 20	12 33	10 0	18 44	18 29	23 25	12 17	1 52
F 9	22 22	18 29	5 15	23 50	0 40	17 10	3 21	12 26	1 6	9 49	1 5	16 48	2 9	18 52	0 13	21 49	1 20	12 33	10 0	18 44	18 30	23 26	12 17	1 52
S 10	22 15	22 47	5 5	23 50	0 50	17 22	3 20	12 12	1 5	9 45	1 5	16 48	2 9	18 52	0 13	21 49	1 20	12 33	10 0	18 45	18 31	23 28	12 17	1 52
S 11	22 7	25 41	4 36	23 47	0 59	17 35	3 19	11 59	1 5	9 41	1 5	16 48	2 8	18 52	0 13	21 50	1 20	12 33	10 1	18 45	18 32	23 29	12 17	1 52
M12	21 59	26 51	3 48	23 42	1 7	17 46	3 18	11 45	1 4	9 37	1 5	16 48	2 8	18 52	0 13	21 50	1 20	12 33	10 1	18 46	18 32	23 31	12 18	1 52
T 13	21 51	26 8	2 45	23 34	1 14	17 58	3 16	11 31	1 4	9 33	1 5	16 47	2 8	18 51	0 13	21 50	1 20	12 33	10 1	18 46	18 33	23 32	12 18	1 53
W14	21 42	23 38	1 33	23 23	1 21	18 10	3 15	11 18	1 3	9 29	1 4	16 47	2 8	18 51	0 13	21 50	1 20	12 33	10 1	18 46	18 34	23 34	12 18	1 53
T 15	21 32	19 41	0 15	23 9	1 27	18 21	3 13	11 4	1 3	9 25	1 4	16 47	2 7	18 51	0 13	21 50	1 20	12 33	10 1	18 46	18 35	23 35	12 18	1 53
F 16	21 23	14 42	1n 1	22 53	1 32	18 32	3 12	10 50	1 2	9 21	1 4	16 47	2 7	18 51	0 13	21 50	1 20	12 34	10 1	18 46	18 36	23 37	12 18	1 53
S 17	21 13	9 8	2 13	22 34	1 37	18 43	3 10	10 36	1 2	9 17	1 4	16 47	2 7	18 51	0 13	21 50	1 20	12 34	10 1	18 46	18 36	23 38	12 18	1 53
S 18	21 2	3 20	3 15	22 13	1 40	18 54	3 8	10 22	1 1	9 13	1 4	16 47	2 7	18 50	0 13	21 50	1 20	12 34	10 1	18 46	18 37	23 40	12 19	1 53
M19	20 52	2n27	4 5	21 50	1 43	19 4	3 6	10 8	1 0	9 8	1 4	16 47	2 7	18 50	0 13	21 50	1 20	12 34	10 1	18 46	18 38	23 41	12 19	1 53
T 20	20 41	7 59	4 43	21 24	1 46	19 15	3 4	9 54	1 0	9 4	1 4	16 47	2 6	18 50	0 13	21 51	1 20	12 34	10 1	18 46	18 39	23 42	12 19	1 53
W21	20 29	13 6	5 6	20 57	1 47	19 24	3 2	9 39	0 59	9 0	1 4	16 47	2 6	18 50	0 13	21 51	1 20	12 34	10 2	18 46	18 40	23 44	12 20	1 53
T 22	20 17	17 38	5 16	20 28	1 48	19 34	2 59	9 25	0 59	8 56	1 4	16 47	2 6	18 50	0 13	21 51	1 20	12 34	10 2	18 46	18 40	23 45	12 20	1 53
F 23	20 5	21 26	5 13	19 57	1 48	19 43	2 57	9 11	0 58	8 51	1 4	16 47	2 6	18 50	0 13	21 51	1 20	12 34	10 2	18 46	18 41	23 47	12 21	1 53
S 24	19 53	24 21	4 55	19 24	1 47	19 52	2 55	8 56	0 58	8 47	1 4	16 48	2 5	18 50	0 13	21 51	1 20	12 34	10 2	18 46	18 42	23 48	12 21	1 54
S 25	19 40	26 13	4 26	18 51	1 46	20 0	2 52	8 42	0 57	8 43	1 4	16 48	2 5	18 49	0 13	21 51	1 20	12 34	10 2	18 46	18 43	23 49	12 22	1 54
M26	19 27	26 53	3 44	18 16	1 44	20 9	2 49	8 27	0 56	8 38	1 4	16 48	2 5	18 49	0 13	21 51	1 20	12 34	10 2	18 46	18 44	23 51	12 22	1 54
T 27	19 14	26 16	2 52	17 40	1 42	20 16	2 47	8 12	0 56	8 34	1 4	16 48	2 5	18 49	0 13	21 51	1 20	12 34	10 2	18 46	18 44	23 52	12 23	1 54
W28	19 0	24 22	1 51	17 2	1 39	20 24	2 44	7 58	0 55	8 29	1 3	16 48	2 4	18 49	0 13	21 51	1 20	12 34	10 2	18 46	18 45	23 53	12 23	1 54
T 29	18 46	21 14	0 43	16 24	1 35	20 31	2 41	7 43	0 55	8 25	1 3	16 49	2 4	18 49	0 13	21 51	1 20	12 34	10 2	18 46	18 46	23 55	12 24	1 54
F 30	18 31	17 2	0s28	15 46	1 31	20 37	2 38	7 28	0 54	8 20	1 3	16 49	2 4	18 49	0 13	21 51	1 20	12 33	10 3	18 46	18 47	23 56	12 25	1 54
S 31	18n17	11n57	1s38	15n 6	1n27	20n43	2s35	7n13	0n54	8n16	1n 3	16s49	2n 4	18s49	0n13	21n52	1s20	12n33	10s 3	18s46	18s47	23n57	12s26	1n54

Julian Day Number = 2414106.5, Delta T = -4.21 sec
Ecliptic obliquity = 23°27'14, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'32, Lahiri = 22°25'32

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ASTRODIENST EPHEMERIS for the year 1897
geocentric

AUGUST 1897 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	20 39 27	8♌57'17	7♍24	25♌ 8	24♊55	14♍23	11♍37	24♏ 8	24°R59	21♊45	14♊24	6°R 4	5♒55	26♉ 6	8♏11	S 1
M 2	20 43 23	9°54'44	20°56	26°52	26° 0	15° 0	11°49	24° 8	24♏59	21°46	14°25	6♒ 3	5°52	26°12	8°13	M 2
T 3	20 47 20	10°52'12	4♎40	28°35	27° 4	15°38	12° 1	24° 9	24°D59	21°48	14°25	6° 3	5°49	26°19	8°16	T 3
W 4	20 51 16	11°49'40	18°35	0♍16	28° 9	16°15	12°13	24° 9	24°59	21°50	14°26	6° 2	5°46	26°26	8°19	W 4
T 5	20 55 13	12°47'10	2♏39	1°55	29°15	16°53	12°25	24°10	24°59	21°51	14°27	6° 2	5°42	26°33	8°22	T 5
F 6	20 59 9	13°44'40	16°50	3°33	0♋20	17°30	12°37	24°11	24°59	21°53	14°28	6°D 2	5°39	26°39	8°25	F 6
S 7	21 3 6	14°42'11	1♐ 6	5° 9	1°26	18° 8	12°49	24°12	24°59	21°54	14°29	6° 2	5°36	26°46	8°29	S 7
S 8	21 7 3	15°39'42	15°24	6°44	2°32	18°46	13° 1	24°13	25° 0	21°56	14°29	6° 3	5°33	26°53	8°32	S 8
M 9	21 10 59	16°37'15	29°41	8°17	3°37	19°23	13°13	24°14	25° 0	21°57	14°30	6° 4	5°30	26°59	8°35	M 9
T 10	21 14 56	17°34'49	13♑54	9°48	4°44	20° 1	13°25	24°15	25° 0	21°59	14°31	6° 5	5°27	27° 6	8°39	T 10
W11	21 18 52	18°32'23	27°59	11°18	5°50	20°39	13°38	24°16	25° 1	22° 0	14°32	6° 5	5°23	27°13	8°42	W11
T 12	21 22 49	19°29'59	11♒52	12°46	6°57	21°17	13°50	24°18	25° 1	22° 1	14°32	6°R 5	5°20	27°20	8°46	T 12
F 13	21 26 45	20°27'35	25°31	14°12	8° 3	21°55	14° 2	24°19	25° 2	22° 3	14°33	6° 4	5°17	27°26	8°50	F 13
S 14	21 30 42	21°25'13	8♓52	15°37	9°10	22°33	14°15	24°21	25° 2	22° 4	14°34	6° 3	5°14	27°33	8°54	S 14
S 15	21 34 38	22°22'52	21°56	17° 0	10°17	23°11	14°27	24°22	25° 3	22° 5	14°34	6° 1	5°11	27°40	8°58	S 15
M16	21 38 35	23°20'33	4♈41	18°22	11°24	23°49	14°40	24°24	25° 3	22° 7	14°35	5°59	5° 7	27°46	9° 2	M16
T 17	21 42 32	24°18'15	17° 9	19°42	12°32	24°27	14°52	24°26	25° 4	22° 8	14°35	5°56	5° 4	27°53	9° 6	T 17
W18	21 46 28	25°15'59	29°23	20°59	13°39	25° 5	15° 5	24°28	25° 5	22° 9	14°36	5°54	5° 1	28° 0	9°10	W18
T 19	21 50 25	26°13'44	11♉25	22°16	14°47	25°43	15°17	24°30	25° 6	22°10	14°37	5°52	4°58	28° 6	9°15	T 19
F 20	21 54 21	27°11'31	23°20	23°30	15°55	26°21	15°30	24°32	25° 6	22°12	14°37	5°D51	4°55	28°13	9°19	F 20
S 21	21 58 18	28° 9'20	5♊12	24°42	17° 3	27° 0	15°42	24°34	25° 7	22°13	14°38	5°51	4°52	28°20	9°23	S 21
S 22	22 2 14	29° 7'10	17° 7	25°52	18°11	27°38	15°55	24°36	25° 8	22°14	14°38	5°52	4°48	28°27	9°28	S 22
M23	22 6 11	0♍ 5'03	29° 8	27° 0	19°19	28°16	16° 8	24°39	25° 9	22°15	14°39	5°54	4°45	28°33	9°33	M23
T 24	22 10 7	1° 2'57	11♋21	28° 6	20°28	28°55	16°20	24°41	25°10	22°16	14°39	5°56	4°42	28°40	9°37	T 24
W25	22 14 4	2° 0'52	23°49	29°10	21°36	29°33	16°33	24°44	25°11	22°17	14°39	5°57	4°39	28°47	9°42	W25
T 26	22 18 1	2°58'50	6♌34	0♎11	22°45	0♎12	16°46	24°47	25°13	22°18	14°40	5°R57	4°36	28°53	9°47	T 26
F 27	22 21 57	3°56'49	19°40	1° 9	23°54	0°50	16°59	24°49	25°14	22°19	14°40	5°57	4°33	29° 0	9°52	F 27
S 28	22 25 54	4°54'49	3♍ 5	2° 5	25° 3	1°29	17°12	24°52	25°15	22°20	14°41	5°55	4°29	29° 7	9°57	S 28
S 29	22 29 50	5°52'52	16°48	2°58	26°12	2° 7	17°24	24°55	25°16	22°21	14°41	5°51	4°26	29°14	10° 2	S 29
M30	22 33 47	6°50'55	0♎48	3°48	27°21	2°46	17°37	24°58	25°18	22°22	14°41	5°47	4°23	29°20	10° 8	M30
T 31	22 37 43	7♍49'01	14♎59	4♎34	28♋31	3♎25	17♍50	25♏ 1	25♏19	22♊23	14♊42	5♒42	4♒20	29♉27	10♏13	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	18n 2	6n15	2s45	14n26	1n22	20n49	2s32	6n58	0n53	8n11	1n 3	16s49	2n 3	18s49	0n13	21n52	1s20	12n33	10s 3	18s46	18s48	23n59	12s26	1n54
M 2	17 47	0 10	3 44	13 46	1 17	20 54	2 29	6 43	0 53	8 7	1 3	16 50	2 3	18 49	0 13	21 52	1 20	12 33	10 3	18 46	18 49	24 0	12 27	1 54
T 3	17 31	5s59	4 31	13 5	1 11	20 59	2 26	6 28	0 52	8 2	1 3	16 50	2 3	18 49	0 13	21 52	1 20	12 33	10 3	18 46	18 50	24 1	12 28	1 54
W 4	17 15	11 56	5 2	12 24	1 5	21 4	2 23	6 13	0 51	7 57	1 3	16 51	2 3	18 49	0 13	21 52	1 20	12 33	10 3	18 46	18 51	24 3	12 29	1 55
T 5	16 59	17 20	5 16	11 42	0 58	21 8	2 20	5 58	0 51	7 53	1 3	16 51	2 2	18 49	0 13	21 52	1 20	12 33	10 3	18 47	18 51	24 4	12 30	1 55
F 6	16 43	21 50	5 11	11 1	0 52	21 11	2 16	5 43	0 50	7 48	1 3	16 51	2 2	18 49	0 13	21 52	1 21	12 33	10 4	18 47	18 52	24 5	12 31	1 55
S 7	16 26	25 4	4 47	10 19	0 44	21 14	2 13	5 27	0 50	7 43	1 3	16 52	2 2	18 49	0 13	21 52	1 21	12 33	10 4	18 46	18 53	24 7	12 32	1 55
S 8	16 9	26 43	4 5	9 37	0 37	21 16	2 9	5 12	0 49	7 39	1 3	16 52	2 2	18 49	0 13	21 52	1 21	12 33	10 4	18 46	18 54	24 8	12 32	1 55
M 9	15 52	26 35	3 8	8 56	0 29	21 18	2 6	4 57	0 49	7 34	1 3	16 53	2 1	18 50	0 13	21 52	1 21	12 33	10 4	18 46	18 54	24 9	12 33	1 55
T 10	15 34	24 43	2 0	8 14	0 22	21 20	2 2	4 41	0 48	7 29	1 3	16 53	2 1	18 50	0 12	21 52	1 21	12 33	10 4	18 46	18 55	24 11	12 35	1 55
W11	15 17	21 18	0 45	7 32	0 13	21 21	1 59	4 26	0 47	7 25	1 3	16 54	2 1	18 50	0 12	21 52	1 21	12 33	10 4	18 46	18 56	24 12	12 36	1 55
T 12	14 59	16 44	0n32	6 51	0 5	21 21	1 55	4 11	0 47	7 20	1 3	16 54	2 1	18 50	0 12	21 52	1 21	12 33	10 4	18 46	18 57	24 13	12 37	1 55
F 13	14 41	11 22	1 45	6 10	0s 4	21 21	1 52	3 55	0 46	7 15	1 3	16 55	2 0	18 50	0 12	21 52	1 21	12 33	10 5	18 46	18 58	24 14	12 38	1 55
S 14	14 22	5 36	2 51	5 29	0 12	21 20	1 48	3 40	0 46	7 10	1 3	16 56	2 0	18 50	0 12	21 52	1 21	12 33	10 5	18 46	18 58	24 16	12 39	1 55
S 15	14 4	0n16	3 47	4 48	0 21	21 19	1 44	3 24	0 45	7 5	1 3	16 56	2 0	18 50	0 12	21 52	1 21	12 32	10 5	18 47	18 59	24 17	12 40	1 56
M16	13 45	5 59	4 29	4 8	0 30	21 17	1 41	3 8	0 45	7 0	1 3	16 57	2 0	18 50	0 12	21 52	1 21	12 32	10 5	18 47	19 0	24 18	12 41	1 56
T 17	13 26	11 20	4 58	3 29	0 40	21 15	1 37	2 53	0 44	6 56	1 3	16 58	1 59	18 51	0 12	21 53	1 21	12 32	10 5	18 48	19 1	24 19	12 43	1 56
W18	13 6	16 8	5 13	2 49	0 49	21 12	1 33	2 37	0 43	6 51	1 3	16 58	1 59	18 51	0 12	21 53	1 21	12 32	10 5	18 49	19 1	24 20	12 44	1 56
T 19	12 47	20 13	5 13	2 11	0 58	21 9	1 30	2 22	0 43	6 46	1 3	16 59	1 59	18 51	0 12	21 53	1 21	12 32	10 6	18 49	19 2	24 22	12 45	1 56
F 20	12 27	23 28	5 0	1 33	1 8	21 5	1 26	2 6	0 42	6 41	1 3	17 0	1 59	18 51	0 12	21 53	1 21	12 32	10 6	18 49	19 3	24 23	12 46	1 56
S 21	12 7	25 41	4 35	0 55	1 17	21 1	1 22	1 50	0 42	6 36	1 3	17 1	1 58	18 52	0 12	21 53	1 21	12 32	10 6	18 49	19 4	24 24	12 48	1 56
S 22	11 47	26 46	3 57	0 19	1 27	20 56	1 18	1 34	0 41	6 31	1 3	17 1	1 58	18 52	0 12	21 53	1 21	12 32	10 6	18 49	19 4	24 25	12 49	1 56
M23	11 27	26 36	3 9	0s17	1 37	20 50	1 14	1 19	0 41	6 26	1 3	17 2	1 58	18 52	0 12	21 53	1 21	12 32	10 6	18 49	19 5	24 26	12 50	1 56
T 24	11 6	25 9	2 11	0 52	1 46	20 44	1 11	1 3	0 40	6 21	1 3	17 3	1 58	18 52	0 12	21 53	1 21	12 32	10 6	18 48	19 6	24 28	12 52	1 56
W25	10 46	22 26	1 6	1 26	1 56	20 37	1 7	0 47	0 40	6 16	1 3	17 4	1 57	18 53	0 12	21 53	1 21	12 31	10 7	18 48	19 7	24 29	12 53	1 56
T 26	10 25	18 35	0s 3	2 0	2 6	20 30	1 3	0 31	0 39	6 11	1 3	17 5	1 57	18 53	0 12	21 53	1 21	12 31	10 7	18 48	19 8	24 30	12 55	1 57
F 27	10 4	13 45	1 14	2 32	2 15	20 22	0 59	0 15	0 38	6 6	1 3	17 6	1 57	18 53	0 12	21 53	1 21	12 31	10 7	18 48	19 8	24 31	12 56	1 57
S 28	9 43	8 9	2 23	3 3	2 25	20 14	0 55	0s 1	0 38	6 1	1 3	17 7	1 57	18 54	0 12	21 53	1 21	12 31	10 7	18 48	19 9	24 32	12 58	1 57
S 29	9 22	2 4	3 25	3 32	2 34	20 5	0 52	0 17	0 37	5 56	1 3	17 8	1 56	18 54	0 12	21 53	1 21	12 31	10 7	18 49	19 10	24 33	12 59	1 57
M30	9 0	4s13	4 16	4 1	2 44	19 55	0 48	0 32	0 37	5 51	1 3	17 9	1 56	18 54	0 12	21 53	1 21	12 31	10 7	18 50	19 11	24 34	13 1	1 57
T 31	8n39	10s23	4s51	4s28	2s53	19n45	0s44	0s48	0n36	5n46	1n 3	17s 9	1n56	18s55	0n12	21n53	1s21	12n31	10s 8	18s51	19s11	24n36	13s 2	1n57

Julian Day Number = 2414137.5, Delta T = -4.16 sec
Ecliptic obliquity = 23°27'15, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'36, Lahiri = 22°25'36

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1897
geocentric

SEPTEMBER 1897 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	22 41 40	8♍47'07	29♎16	5♎17	29♋40	4♎ 4	18♍ 3	25♏ 4	25♏21	22♊23	14♊42	5°R38	4♒17	29♉34	10♏18	W 1
T 2	22 45 36	9°45'16	13♏36	5°57	0♌50	4°42	18°16	25° 8	25°22	22°24	14°42	5♒34	4°13	29°40	10°24	T 2
F 3	22 49 33	10°43'25	27°54	6°32	1°59	5°21	18°29	25°11	25°24	22°25	14°42	5°32	4°10	29°47	10°29	F 3
S 4	22 53 30	11°41'37	12♐ 7	7° 3	3° 9	6° 0	18°42	25°15	25°25	22°26	14°43	5°D31	4° 7	29°54	10°35	S 4
S 5	22 57 26	12°39'49	26°13	7°30	4°19	6°39	18°55	25°18	25°27	22°26	14°43	5°32	4° 4	0♊ 1	10°41	S 5
M 6	23 1 23	13°38'04	10♑11	7°52	5°29	7°18	19° 8	25°22	25°29	22°27	14°43	5°33	4° 1	0° 7	10°46	M 6
T 7	23 5 19	14°36'19	23°59	8° 8	6°39	7°57	19°20	25°25	25°30	22°28	14°43	5°34	3°58	0°14	10°52	T 7
W 8	23 9 16	15°34'36	7♒38	8°20	7°50	8°36	19°33	25°29	25°32	22°28	14°43	5°R35	3°54	0°21	10°58	W 8
T 9	23 13 12	16°32'55	21° 5	8°R25	9° 0	9°16	19°46	25°33	25°34	22°29	14°43	5°34	3°51	0°27	11° 4	T 9
F 10	23 17 9	17°31'15	4♓21	8°25	10°11	9°55	19°59	25°37	25°36	22°29	14°44	5°31	3°48	0°34	11°10	F 10
S 11	23 21 5	18°29'37	17°24	8°18	11°21	10°34	20°12	25°41	25°38	22°30	14°44	5°26	3°45	0°41	11°16	S 11
S 12	23 25 2	19°28'01	0♈14	8° 4	12°32	11°13	20°25	25°45	25°40	22°30	14°44	5°19	3°42	0°48	11°22	S 12
M13	23 28 58	20°26'27	12°49	7°44	13°43	11°53	20°38	25°49	25°42	22°31	14°44	5°11	3°39	0°54	11°29	M13
T 14	23 32 55	21°24'55	25°12	7°17	14°54	12°32	20°51	25°54	25°44	22°31	14°R44	5° 3	3°35	1° 1	11°35	T 14
W15	23 36 52	22°23'24	7♉22	6°43	16° 5	13°11	21° 4	25°58	25°46	22°31	14°44	4°55	3°32	1° 8	11°41	W15
T 16	23 40 48	23°21'56	19°23	6° 2	17°16	13°51	21°17	26° 2	25°48	22°32	14°44	4°48	3°29	1°14	11°48	T 16
F 17	23 44 45	24°20'31	1♊16	5°16	18°27	14°30	21°30	26° 7	25°50	22°32	14°44	4°43	3°26	1°21	11°54	F 17
S 18	23 48 41	25°19'07	13° 7	4°23	19°38	15°10	21°43	26°11	25°52	22°32	14°44	4°40	3°23	1°28	12° 1	S 18
S 19	23 52 38	26°17'46	25° 0	3°26	20°50	15°50	21°56	26°16	25°55	22°33	14°43	4°D39	3°19	1°34	12° 7	S 19
M20	23 56 34	27°16'26	7♋ 0	2°24	22° 1	16°29	22° 9	26°21	25°57	22°33	14°43	4°40	3°16	1°41	12°14	M20
T 21	0 0 31	28°15'09	19°11	1°20	23°13	17° 9	22°22	26°25	25°59	22°33	14°43	4°41	3°13	1°48	12°21	T 21
W22	0 4 27	29°13'55	1♌40	0°15	24°25	17°49	22°35	26°30	26° 2	22°33	14°43	4°R41	3°10	1°55	12°27	W22
T 23	0 8 24	0♎12'42	14°30	29♍ 9	25°37	18°29	22°48	26°35	26° 4	22°33	14°43	4°41	3° 7	2° 1	12°34	T 23
F 24	0 12 21	1°11'32	27°45	28° 6	26°49	19° 8	23° 1	26°40	26° 7	22°33	14°43	4°39	3° 4	2° 8	12°41	F 24
S 25	0 16 17	2°10'23	11♍25	27° 6	28° 1	19°48	23°14	26°45	26° 9	22°R33	14°42	4°34	3° 0	2°15	12°48	S 25
S 26	0 20 14	3° 9'17	25°29	26°12	29°13	20°28	23°27	26°50	26°12	22°33	14°42	4°27	2°57	2°21	12°55	S 26
M27	0 24 10	4° 8'13	9♎54	25°24	0♍25	21° 8	23°40	26°55	26°14	22°33	14°42	4°18	2°54	2°28	13° 2	M27
T 28	0 28 7	5° 7'11	24°32	24°44	1°37	21°49	23°52	27° 0	26°17	22°33	14°42	4° 8	2°51	2°35	13° 9	T 28
W29	0 32 3	6° 6'10	9♏18	24°12	2°50	22°29	24° 5	27° 6	26°20	22°33	14°41	3°59	2°48	2°42	13°16	W29
T 30	0 36 0	7♎ 5'12	24♏ 1	23♍51	4♍ 2	23♎ 9	24♍18	27♏11	26♏22	22♊33	14♊41	3♒51	2♒44	2♊48	13♏23	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	8n17	16s 2	5s 9	4s53	3s 2	19n34	0s40	1s 4	0n36	5n41	1n 3	17s10	1n56	18s55	0n12	21n53	1s21	12n30	10s 8	18s53	19s12	24n37	13s 4	1n57
T 2	7 55	20 50	5 8	5 16	3 10	19 23	0 37	1 20	0 35	5 36	1 3	17 11	1 55	18 55	0 12	21 53	1 21	12 30	10 8	18 53	19 13	24 38	13 6	1 57
F 3	7 33	24 23	4 48	5 38	3 19	19 12	0 33	1 36	0 34	5 31	1 3	17 12	1 55	18 56	0 12	21 53	1 21	12 30	10 8	18 54	19 14	24 39	13 7	1 57
S 4	7 11	26 24	4 10	5 58	3 26	18 59	0 29	1 52	0 34	5 26	1 3	17 14	1 55	18 56	0 12	21 53	1 21	12 30	10 8	18 54	19 14	24 40	13 9	1 57
S 5	6 49	26 42	3 18	6 15	3 34	18 47	0 26	2 8	0 33	5 21	1 3	17 15	1 55	18 57	0 12	21 53	1 22	12 30	10 9	18 54	19 15	24 41	13 11	1 58
M 6	6 26	25 17	2 14	6 30	3 41	18 33	0 22	2 24	0 33	5 16	1 3	17 16	1 55	18 57	0 12	21 53	1 22	12 30	10 9	18 54	19 16	24 42	13 12	1 58
T 7	6 4	22 21	1 3	6 43	3 47	18 20	0 18	2 40	0 32	5 11	1 3	17 17	1 54	18 57	0 12	21 53	1 22	12 29	10 9	18 53	19 17	24 43	13 14	1 58
W 8	5 41	18 12	0n11	6 52	3 53	18 5	0 15	2 56	0 31	5 6	1 3	17 18	1 54	18 58	0 12	21 53	1 22	12 29	10 9	18 53	19 17	24 44	13 16	1 58
T 9	5 19	13 10	1 23	6 59	3 58	17 50	0 11	3 12	0 31	5 1	1 3	17 19	1 54	18 58	0 12	21 53	1 22	12 29	10 9	18 53	19 18	24 45	13 17	1 58
F 10	4 56	7 36	2 29	7 2	4 2	17 35	0 8	3 28	0 30	4 56	1 3	17 20	1 54	18 59	0 12	21 53	1 22	12 29	10 9	18 54	19 19	24 46	13 19	1 58
S 11	4 33	1 49	3 27	7 2	4 5	17 19	0 4	3 44	0 30	4 51	1 3	17 21	1 53	18 59	0 12	21 53	1 22	12 29	10 10	18 55	19 20	24 48	13 21	1 58
S 12	4 10	3n57	4 12	6 59	4 7	17 3	0 1	4 0	0 29	4 46	1 3	17 22	1 53	19 0	0 12	21 53	1 22	12 29	10 10	18 57	19 20	24 49	13 23	1 58
M13	3 47	9 26	4 45	6 51	4 7	16 46	0n 3	4 16	0 29	4 40	1 3	17 24	1 53	19 0	0 12	21 53	1 22	12 28	10 10	18 59	19 21	24 50	13 24	1 58
T 14	3 24	14 27	5 3	6 40	4 6	16 29	0 6	4 31	0 28	4 35	1 3	17 25	1 53	19 1	0 12	21 53	1 22	12 28	10 10	19 1	19 22	24 51	13 26	1 59
W15	3 1	18 49	5 7	6 24	4 4	16 11	0 10	4 47	0 27	4 30	1 3	17 26	1 53	19 1	0 12	21 53	1 22	12 28	10 10	19 3	19 23	24 52	13 28	1 59
T 16	2 38	22 21	4 57	6 4	4 0	15 53	0 13	5 3	0 27	4 25	1 3	17 27	1 52	19 2	0 12	21 53	1 22	12 28	10 11	19 5	19 23	24 53	13 30	1 59
F 17	2 15	24 55	4 35	5 40	3 54	15 34	0 16	5 19	0 26	4 20	1 3	17 28	1 52	19 2	0 12	21 53	1 22	12 28	10 11	19 6	19 24	24 54	13 32	1 59
S 18	1 52	26 22	4 1	5 12	3 46	15 15	0 19	5 35	0 26	4 15	1 3	17 30	1 52	19 3	0 12	21 53	1 22	12 28	10 11	19 6	19 25	24 55	13 34	1 59
S 19	1 28	26 38	3 17	4 40	3 37	14 55	0 23	5 51	0 25	4 10	1 3	17 31	1 52	19 3	0 12	21 53	1 22	12 27	10 11	19 7	19 25	24 56	13 36	1 59
M20	1 5	25 39	2 23	4 5	3 25	14 35	0 26	6 6	0 25	4 5	1 3	17 32	1 52	19 4	0 12	21 53	1 22	12 27	10 11	19 7	19 26	24 57	13 37	1 59
T 21	0 42	23 26	1 22	3 27	3 11	14 14	0 29	6 22	0 24	4 0	1 3	17 34	1 51	19 5	0 12	21 53	1 22	12 27	10 11	19 6	19 27	24 58	13 39	1 59
W22	0 18	20 4	0 16	2 47	2 56	13 54	0 32	6 38	0 23	3 55	1 3	17 35	1 51	19 5	0 12	21 53	1 22	12 27	10 12	19 6	19 28	24 59	13 41	2 0
T 23	0s 5	15 39	0s52	2 6	2 39	13 32	0 35	6 54	0 23	3 50	1 3	17 36	1 51	19 6	0 12	21 53	1 22	12 27	10 12	19 6	19 28	25 0	13 43	2 0
F 24	0 28	10 23	2 0	1 24	2 21	13 11	0 38	7 9	0 22	3 45	1 3	17 38	1 51	19 6	0 12	21 53	1 22	12 26	10 12	19 7	19 29	25 1	13 45	2 0
S 25	0 52	4 28	3 3	0 43	2 2	12 48	0 41	7 25	0 22	3 40	1 3	17 39	1 51	19 7	0 12	21 53	1 22	12 26	10 12	19 8	19 30	25 1	13 47	2 0
S 26	1 15	1s50	3 57	0 3	1 42	12 26	0 43	7 41	0 21	3 34	1 3	17 40	1 50	19 8	0 12	21 52	1 22	12 26	10 12	19 10	19 31	25 2	13 49	2 0
M27	1 39	8 10	4 37	0n35	1 22	12 3	0 46	7 56	0 20	3 29	1 3	17 42	1 50	19 8	0 12	21 52	1 22	12 26	10 12	19 12	19 31	25 3	13 51	2 0
T 28	2 2	14 9	4 59	1 9	1 1	11 40	0 49	8 12	0 20	3 24	1 3	17 43	1 50	19 9	0 12	21 52	1 22	12 26	10 13	19 14	19 32	25 4	13 53	2 0
W29	2 26	19 22	5 2	1 40	0 41	11 16	0 52	8 27	0 19	3 19	1 4	17 44	1 50	19 9	0 12	21 52	1 22	12 25	10 13	19 16	19 33	25 5	13 55	2 0
T 30	2s49	23s23	4s45	2n 6	0s22	10n53	0n54	8s43	0n19	3n14	1n 4	17s46	1n50	19s10	0n12	21n52	1s23	12n25	10s13	19s18	19s34	25n 6	13s57	2n 1

Julian Day Number = 2414168.5, Delta T = -4.10 sec
Ecliptic obliquity = 23°27'15, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'40, Lahiri = 22°25'41

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ASTRODIENST EPHEMERIS for the year 1897
geocentric

OCTOBER 1897 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	0 39 56	8♎ 4'16	8♐36	23°R40	5♍14	23♎49	24♍31	27♏16	26♏25	22°R33	14°R41	3°R46	2♒41	2♊55	13♏31	F 1
S 2	0 43 53	9° 3'21	22°58	23°D39	6°27	24°29	24°44	27°22	26°28	22♊32	14♊40	3♒42	2°38	3° 2	13°38	S 2
S 3	0 47 50	10° 2'28	7♑ 4	23♍49	7°40	25°10	24°56	27°27	26°31	22°32	14°40	3°D41	2°35	3° 8	13°45	S 3
M 4	0 51 46	11° 1'37	20°53	24° 9	8°52	25°50	25° 9	27°33	26°34	22°32	14°39	3°42	2°32	3°15	13°53	M 4
T 5	0 55 43	12° 0'48	4♒26	24°39	10° 5	26°30	25°22	27°39	26°36	22°32	14°39	3°R42	2°29	3°22	14° 0	T 5
W 6	0 59 39	13° 0'00	17°45	25°18	11°18	27°11	25°35	27°44	26°39	22°31	14°39	3°41	2°25	3°28	14° 7	W 6
T 7	1 3 36	13°59'14	0♓51	26° 6	12°31	27°51	25°47	27°50	26°42	22°31	14°38	3°38	2°22	3°35	14°15	T 7
F 8	1 7 32	14°58'29	13°45	27° 2	13°44	28°32	26° 0	27°56	26°45	22°30	14°38	3°32	2°19	3°42	14°22	F 8
S 9	1 11 29	15°57'47	26°28	28° 5	14°57	29°13	26°12	28° 2	26°48	22°30	14°37	3°24	2°16	3°49	14°30	S 9
S 10	1 15 25	16°57'07	9♈ 1	29°14	16°10	29°53	26°25	28° 8	26°51	22°30	14°37	3°13	2°13	3°55	14°37	S 10
M11	1 19 22	17°56'28	21°23	0♎29	17°24	0♏34	26°38	28°14	26°54	22°29	14°36	3° 0	2°10	4° 2	14°45	M11
T 12	1 23 19	18°55'52	3♉36	1°49	18°37	1°15	26°50	28°20	26°57	22°29	14°35	2°46	2° 6	4° 9	14°53	T 12
W13	1 27 15	19°55'18	15°40	3°13	19°50	1°56	27° 3	28°26	27° 1	22°28	14°35	2°33	2° 3	4°15	15° 0	W13
T 14	1 31 12	20°54'46	27°37	4°41	21° 4	2°36	27°15	28°32	27° 4	22°27	14°34	2°22	2° 0	4°22	15° 8	T 14
F 15	1 35 8	21°54'16	9♊28	6°12	22°17	3°17	27°27	28°38	27° 7	22°27	14°34	2°12	1°57	4°29	15°16	F 15
S 16	1 39 5	22°53'48	21°17	7°45	23°31	3°58	27°40	28°44	27°10	22°26	14°33	2° 6	1°54	4°35	15°23	S 16
S 17	1 43 1	23°53'23	3♋ 8	9°21	24°44	4°39	27°52	28°50	27°13	22°25	14°32	2° 2	1°50	4°42	15°31	S 17
M18	1 46 58	24°53'00	15° 5	10°58	25°58	5°20	28° 4	28°57	27°17	22°25	14°32	2° 1	1°47	4°49	15°39	M18
T 19	1 50 54	25°52'39	27°13	12°36	27°12	6° 2	28°17	29° 3	27°20	22°24	14°31	2° 0	1°44	4°56	15°47	T 19
W20	1 54 51	26°52'21	9♌38	14°15	28°25	6°43	28°29	29° 9	27°23	22°23	14°30	2° 0	1°41	5° 2	15°55	W20
T 21	1 58 48	27°52'05	22°26	15°55	29°39	7°24	28°41	29°16	27°27	22°22	14°30	1°59	1°38	5° 9	16° 3	T 21
F 22	2 2 44	28°51'51	5♍39	17°36	0♎53	8° 5	28°53	29°22	27°30	22°21	14°29	1°56	1°35	5°16	16°11	F 22
S 23	2 6 41	29°51'39	19°22	19°17	2° 7	8°47	29° 5	29°29	27°33	22°21	14°28	1°50	1°31	5°22	16°18	S 23
S 24	2 10 37	0♏51'29	3♎34	20°58	3°21	9°28	29°17	29°35	27°37	22°20	14°27	1°42	1°28	5°29	16°26	S 24
M25	2 14 34	1°51'21	18°12	22°39	4°35	10° 9	29°29	29°42	27°40	22°19	14°26	1°31	1°25	5°36	16°34	M25
T 26	2 18 30	2°51'16	3♏10	24°20	5°49	10°51	29°41	29°48	27°44	22°18	14°26	1°19	1°22	5°42	16°42	T 26
W27	2 22 27	3°51'12	18°18	26° 1	7° 4	11°32	29°53	29°55	27°47	22°17	14°25	1° 8	1°19	5°49	16°50	W27
T 28	2 26 23	4°51'11	3♐25	27°41	8°18	12°14	0♎ 4	0♐ 2	27°50	22°16	14°24	0°58	1°16	5°56	16°58	T 28
F 29	2 30 20	5°51'11	18°22	29°22	9°32	12°56	0°16	0° 8	27°54	22°15	14°23	0°50	1°12	6° 3	17° 6	F 29
S 30	2 34 17	6°51'13	3♑ 1	1♏ 2	10°46	13°37	0°28	0°15	27°57	22°14	14°22	0°46	1° 9	6° 9	17°15	S 30
S 31	2 38 13	7♏51'16	17♑18	2♏42	12♎ 1	14♏19	0♎39	0♐22	28♏ 1	22♊13	14♊21	0♒44	1♒ 6	6♊16	17♏23	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	3s12	25s52	4s10	2n28	0s 3	10n28	0n57	8s58	0n18	3n 9	1n 4	17s47	1n50	19s11	0n11	21n52	1s23	12n25	10s13	19s19	19s34	25n 7	13s59	2n 1	
S 2	3 36	26 35	3 19	2 44	0n14	10 4	0 59	9 13	0 18	3 4	1 4	17 48	1 49	19 11	0 11	21 52	1 23	12 25	10 13	19 20	19 35	25 8	14 1	2 1	
S 3	3 59	25 32	2 17	2 55	0 30	9 39	1 1	9 29	0 17	2 59	1 4	17 50	1 49	19 12	0 11	21 52	1 23	12 25	10 13	19 20	19 36	25 9	14 3	2 1	
M 4	4 22	22 57	1 8	3 1	0 45	9 14	1 4	9 44	0 16	2 54	1 4	17 51	1 49	19 13	0 11	21 52	1 23	12 24	10 14	19 20	19 36	25 10	14 5	2 1	
T 5	4 45	19 6	0n 4	3 2	0 59	8 48	1 6	9 59	0 16	2 49	1 4	17 53	1 49	19 13	0 11	21 52	1 23	12 24	10 14	19 20	19 37	25 11	14 7	2 1	
W 6	5 8	14 21	1 14	2 57	1 11	8 23	1 8	10 14	0 15	2 44	1 4	17 54	1 49	19 14	0 11	21 52	1 23	12 24	10 14	19 20	19 38	25 11	14 9	2 2	
T 7	5 31	9 1	2 19	2 48	1 22	7 57	1 10	10 29	0 15	2 39	1 4	17 56	1 49	19 15	0 11	21 52	1 23	12 24	10 14	19 21	19 39	25 12	14 11	2 2	
F 8	5 54	3 23	3 15	2 35	1 31	7 31	1 12	10 44	0 14	2 34	1 4	17 57	1 48	19 16	0 11	21 52	1 23	12 24	10 14	19 22	19 39	25 13	14 13	2 2	
S 9	6 17	2n17	4 1	2 17	1 39	7 4	1 14	10 59	0 13	2 29	1 4	17 58	1 48	19 16	0 11	21 52	1 23	12 23	10 14	19 24	19 40	25 14	14 15	2 2	
S 10	6 40	7 47	4 34	1 55	1 46	6 38	1 16	11 14	0 13	2 25	1 4	18 0	1 48	19 17	0 11	21 52	1 23	12 23	10 15	19 27	19 41	25 15	14 17	2 2	
M11	7 3	12 53	4 54	1 30	1 51	6 11	1 18	11 29	0 12	2 20	1 4	18 1	1 48	19 18	0 11	21 52	1 23	12 23	10 15	19 30	19 41	25 16	14 19	2 2	
T 12	7 25	17 26	5 0	1 2	1 55	5 44	1 20	11 44	0 12	2 15	1 5	18 3	1 48	19 18	0 11	21 52	1 23	12 23	10 15	19 33	19 42	25 16	14 21	2 3	
W13	7 48	21 12	4 53	0 31	1 58	5 16	1 21	11 59	0 11	2 10	1 5	18 4	1 48	19 19	0 11	21 52	1 23	12 23	10 15	19 36	19 43	25 17	14 23	2 3	
T 14	8 10	24 3	4 32	0s 2	2 0	4 49	1 23	12 13	0 10	2 5	1 5	18 6	1 47	19 20	0 11	21 51	1 23	12 22	10 15	19 39	19 44	25 18	14 26	2 3	
F 15	8 32	25 50	4 0	0 37	2 0	4 21	1 24	12 28	0 10	2 0	1 5	18 7	1 47	19 21	0 11	21 51	1 23	12 22	10 15	19 41	19 44	25 19	14 28	2 3	
S 16	8 54	26 27	3 18	1 14	2 0	3 53	1 26	12 42	0 9	1 55	1 5	18 9	1 47	19 21	0 11	21 51	1 23	12 22	10 15	19 42	19 45	25 20	14 30	2 3	
S 17	9 17	25 51	2 26	1 52	2 0	3 26	1 27	12 57	0 9	1 51	1 5	18 10	1 47	19 22	0 11	21 51	1 23	12 22	10 16	19 43	19 46	25 20	14 32	2 3	
M18	9 38	24 4	1 28	2 32	1 58	2 57	1 28	13 11	0 8	1 46	1 5	18 12	1 47	19 23	0 11	21 51	1 23	12 22	10 16	19 43	19 46	25 21	14 34	2 4	
T 19	10 0	21 9	0 25	3 12	1 56	2 29	1 30	13 25	0 8	1 41	1 5	18 13	1 47	19 24	0 11	21 51	1 23	12 21	10 16	19 44	19 47	25 22	14 36	2 4	
W20	10 22	17 12	0s40	3 53	1 53	2 1	1 31	13 39	0 7	1 36	1 5	18 15	1 47	19 24	0 11	21 51	1 23	12 21	10 16	19 44	19 48	25 23	14 38	2 4	
T 21	10 43	12 23	1 46	4 35	1 50	1 32	1 32	13 53	0 6	1 32	1 5	18 16	1 46	19 25	0 11	21 51	1 23	12 21	10 16	19 44	19 49	25 24	14 40	2 4	
F 22	11 5	6 50	2 48	5 17	1 46	1 4	1 33	14 7	0 6	1 27	1 6	18 18	1 46	19 26	0 11	21 51	1 23	12 21	10 16	19 45	19 49	25 24	14 42	2 4	
S 23	11 26	0 48	3 42	5 59	1 42	0 35	1 34	14 21	0 5	1 22	1 6	18 19	1 46	19 27	0 11	21 51	1 23	12 21	10 16	19 46	19 50	25 25	14 44	2 5	
S 24	11 47	5s29	4 25	6 41	1 37	0 7	1 34	14 35	0 5	1 17	1 6	18 21	1 46	19 27	0 11	21 51	1 23	12 20	10 16	19 48	19 51	25 26	14 46	2 5	
M25	12 8	11 38	4 52	7 24	1 32	0s22	1 35	14 49	0 4	1 13	1 6	18 22	1 46	19 28	0 11	21 51	1 23	12 20	10 17	19 50	19 51	25 27	14 48	2 5	
T 26	12 28	17 16	5 0	8 6	1 27	0 51	1 36	15 2	0 3	1 8	1 6	18 24	1 46	19 29	0 11	21 51	1 23	12 20	10 17	19 53	19 52	25 27	14 50	2 5	
W27	12 49	21 53	4 47	8 48	1 21	1 20	1 36	15 16	0 3	1 4	1 6	18 25	1 46	19 30	0 11	21 50	1 23	12 20	10 17	19 55	19 53	25 28	14 52	2 5	
T 28	13 9	25 0	4 14	9 29	1 15	1 48	1 37	15 29	0 2	0 59	1 6	18 27	1 46	19 31	0 11	21 50	1 23	12 20	10 17	19 57	19 53	25 29	14 54	2 6	
F 29	13 29	26 20	3 24	10 10	1 9	2 17	1 37	15 42	0 2	0 55	1 6	18 28	1 46	19 31	0 11	21 50	1 23	12 19	10 17	19 59	19 54	25 29	14 56	2 6	
S 30	13 49	25 46	2 21	10 51	1 3	2 46	1 38	15 55	0 1	0 50	1 6	18 30	1 45	19 32	0 11	21 50	1 24	12 19	10 17	20 0	19 55	25 30	14 59	2 6	
S 31	14s 8	23s30	1s10	11s31	0n57	3s15	1n38	16s 8	0n 0	0n46	1n 7	18s31	1n45	19s33	0n11	21n50	1s24	12n19	10s17	20s 0	19s56	25n31	15s 1	2n 6	

Julian Day Number = 2414198.5, Delta T = -4.05 sec
Ecliptic obliquity = 23°27'15, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'44, Lahiri = 22°25'45

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ASTRODIENST EPHEMERIS for the year 1897
geocentric

NOVEMBER 1897 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	2 42 10	8♏51'21	1♒12	4♏21	13♎15	15♏ 1	0♎51	0♐28	28♏ 5	22°R11	14°R20	0°R43	1♒ 3	6♊23	17♏31	M 1
T 2	2 46 6	9°51'27	14°43	6° 0	14°29	15°43	1° 2	0°35	28° 8	22♊10	14♊20	0♒43	1° 0	6°29	17°39	T 2
W 3	2 50 3	10°51'35	27°53	7°38	15°44	16°25	1°14	0°42	28°12	22° 9	14°19	0°42	0°56	6°36	17°47	W 3
T 4	2 53 59	11°51'45	10♓46	9°16	16°58	17° 7	1°25	0°49	28°15	22° 8	14°18	0°39	0°53	6°43	17°55	T 4
F 5	2 57 56	12°51'56	23°25	10°54	18°13	17°49	1°36	0°56	28°19	22° 7	14°17	0°34	0°50	6°49	18° 3	F 5
S 6	3 1 52	13°52'08	5♈53	12°32	19°27	18°31	1°47	1° 3	28°23	22° 6	14°16	0°25	0°47	6°56	18°11	S 6
S 7	3 5 49	14°52'22	18°10	14° 9	20°42	19°13	1°58	1°10	28°26	22° 4	14°15	0°14	0°44	7° 3	18°19	S 7
M 8	3 9 46	15°52'38	0♉20	15°45	21°57	19°55	2° 9	1°17	28°30	22° 3	14°14	0° 1	0°41	7°10	18°27	M 8
T 9	3 13 42	16°52'56	12°23	17°21	23°11	20°37	2°20	1°24	28°33	22° 2	14°13	29♉47	0°37	7°16	18°36	T 9
W10	3 17 39	17°53'15	24°20	18°57	24°26	21°19	2°31	1°31	28°37	22° 0	14°12	29°33	0°34	7°23	18°44	W10
T 11	3 21 35	18°53'36	6♊13	20°33	25°41	22° 2	2°42	1°38	28°41	21°59	14°11	29°21	0°31	7°30	18°52	T 11
F 12	3 25 32	19°53'58	18° 3	22° 8	26°56	22°44	2°53	1°45	28°44	21°58	14°10	29°12	0°28	7°36	19° 0	F 12
S 13	3 29 28	20°54'23	29°52	23°43	28°10	23°27	3° 3	1°52	28°48	21°56	14° 9	29° 5	0°25	7°43	19° 8	S 13
S 14	3 33 25	21°54'49	11♋43	25°18	29°25	24° 9	3°14	1°59	28°52	21°55	14° 8	29° 1	0°21	7°50	19°16	S 14
M15	3 37 21	22°55'17	23°40	26°52	0♏40	24°52	3°24	2° 6	28°56	21°53	14° 7	28°D59	0°18	7°56	19°24	M15
T 16	3 41 18	23°55'47	5♌47	28°26	1°55	25°34	3°35	2°13	28°59	21°52	14° 6	28°59	0°15	8° 3	19°32	T 16
W17	3 45 15	24°56'18	18° 9	0♐ 0	3°10	26°17	3°45	2°20	29° 3	21°50	14° 4	29° 0	0°12	8°10	19°40	W17
T 18	3 49 11	25°56'52	0♍51	1°34	4°25	26°59	3°55	2°27	29° 7	21°49	14° 3	29°R 0	0° 9	8°16	19°48	T 18
F 19	3 53 8	26°57'27	13°58	3° 8	5°40	27°42	4° 5	2°34	29°10	21°48	14° 2	28°58	0° 6	8°23	19°57	F 19
S 20	3 57 4	27°58'04	27°34	4°41	6°55	28°25	4°15	2°41	29°14	21°46	14° 1	28°55	0° 2	8°30	20° 5	S 20
S 21	4 1 1	28°58'42	11♎39	6°14	8°10	29° 8	4°25	2°48	29°18	21°44	14° 0	28°49	29♑59	8°37	20°13	S 21
M22	4 4 57	29°59'23	26°14	7°47	9°25	29°51	4°35	2°55	29°21	21°43	13°59	28°41	29°56	8°43	20°21	M22
T 23	4 8 54	1♐ 0'04	11♏13	9°20	10°40	0♐34	4°45	3° 2	29°25	21°41	13°58	28°32	29°53	8°50	20°29	T 23
W24	4 12 50	2° 0'48	26°27	10°53	11°55	1°17	4°54	3°10	29°29	21°40	13°57	28°23	29°50	8°57	20°37	W24
T 25	4 16 47	3° 1'33	11♐46	12°25	13°10	2° 0	5° 4	3°17	29°33	21°38	13°56	28°15	29°47	9° 3	20°45	T 25
F 26	4 20 44	4° 2'19	26°59	13°58	14°25	2°43	5°13	3°24	29°36	21°37	13°54	28° 9	29°43	9°10	20°53	F 26
S 27	4 24 40	5° 3'06	11♑56	15°30	15°41	3°26	5°22	3°31	29°40	21°35	13°53	28° 5	29°40	9°17	21° 1	S 27
S 28	4 28 37	6° 3'55	26°29	17° 2	16°56	4° 9	5°31	3°38	29°44	21°33	13°52	28°D 4	29°37	9°23	21° 9	S 28
M29	4 32 33	7° 4'44	10♒36	18°34	18°11	4°52	5°41	3°45	29°47	21°32	13°51	28° 5	29°34	9°30	21°17	M29
T 30	4 36 30	8♐ 5'34	24♒15	20♐ 6	19♏26	5♐36	5♎49	3♐52	29♏51	21♊30	13♊50	28♑ 6	29♑31	9♊37	21♏24	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14s28	19s52	0n 2	12s11	0n51	3s44	1n38	16s21	0s 0	0n41	1n 7	18s33	1n45	19s34	0n11	21n50	1s24	12n19	10s17	20s 0	19s56	25n31	15s 3	2n 7
T 2	14 47	15 16	1 13	12 50	0 44	4 12	1 38	16 34	0 1	0 37	1 7	18 34	1 45	19 35	0 11	21 50	1 24	12 19	10 17	20 0	19 57	25 32	15 5	2 7
W 3	15 6	10 3	2 18	13 29	0 37	4 41	1 38	16 47	0 1	0 32	1 7	18 36	1 45	19 35	0 11	21 50	1 24	12 18	10 17	20 1	19 58	25 33	15 7	2 7
T 4	15 24	4 32	3 15	14 6	0 31	5 9	1 38	16 59	0 2	0 28	1 7	18 37	1 45	19 36	0 11	21 50	1 24	12 18	10 17	20 1	19 58	25 33	15 9	2 7
F 5	15 43	1n 4	4 1	14 44	0 24	5 38	1 38	17 12	0 3	0 24	1 7	18 39	1 45	19 37	0 11	21 50	1 24	12 18	10 18	20 3	19 59	25 34	15 11	2 7
S 6	16 1	6 32	4 34	15 20	0 17	6 6	1 38	17 24	0 3	0 19	1 7	18 40	1 45	19 38	0 11	21 50	1 24	12 18	10 18	20 4	20 0	25 35	15 13	2 8
S 7	16 19	11 39	4 54	15 56	0 11	6 35	1 38	17 36	0 4	0 15	1 8	18 42	1 45	19 39	0 11	21 49	1 24	12 18	10 18	20 7	20 0	25 35	15 15	2 8
M 8	16 36	16 17	5 1	16 30	0 4	7 3	1 37	17 48	0 4	0 11	1 8	18 43	1 45	19 40	0 11	21 49	1 24	12 17	10 18	20 10	20 1	25 36	15 17	2 8
T 9	16 53	20 13	4 53	17 4	0s 3	7 31	1 37	18 0	0 5	0 6	1 8	18 45	1 44	19 40	0 11	21 49	1 24	12 17	10 18	20 13	20 2	25 37	15 19	2 8
W10	17 10	23 17	4 33	17 37	0 10	7 59	1 37	18 12	0 6	0 2	1 8	18 46	1 44	19 41	0 11	21 49	1 24	12 17	10 18	20 15	20 2	25 37	15 21	2 9
T 11	17 27	25 19	4 2	18 10	0 16	8 26	1 36	18 23	0 6	0s 2	1 8	18 48	1 44	19 42	0 11	21 49	1 24	12 17	10 18	20 18	20 3	25 38	15 23	2 9
F 12	17 43	26 13	3 19	18 41	0 23	8 54	1 35	18 35	0 7	0 6	1 8	18 49	1 44	19 43	0 11	21 49	1 24	12 17	10 18	20 20	20 4	25 38	15 24	2 9
S 13	18 0	25 56	2 28	19 11	0 29	9 21	1 35	18 46	0 7	0 10	1 8	18 51	1 44	19 44	0 11	21 49	1 24	12 17	10 18	20 21	20 4	25 39	15 26	2 9
S 14	18 15	24 27	1 31	19 41	0 36	9 49	1 34	18 57	0 8	0 14	1 9	18 52	1 44	19 44	0 11	21 49	1 24	12 16	10 18	20 22	20 5	25 40	15 28	2 10
M15	18 31	21 51	0 28	20 9	0 42	10 15	1 33	19 8	0 9	0 18	1 9	18 54	1 44	19 45	0 11	21 49	1 24	12 16	10 18	20 22	20 6	25 40	15 30	2 10
T 16	18 46	18 15	0s36	20 37	0 49	10 42	1 32	19 19	0 9	0 22	1 9	18 55	1 44	19 46	0 11	21 49	1 24	12 16	10 18	20 22	20 7	25 41	15 32	2 10
W17	19 1	13 48	1 40	21 3	0 55	11 9	1 31	19 29	0 10	0 26	1 9	18 57	1 44	19 47	0 11	21 48	1 24	12 16	10 18	20 22	20 7	25 41	15 34	2 11
T 18	19 15	8 40	2 42	21 29	1 1	11 35	1 30	19 40	0 10	0 30	1 9	18 58	1 44	19 48	0 11	21 48	1 24	12 16	10 18	20 22	20 8	25 42	15 36	2 11
F 19	19 29	2 59	3 36	21 53	1 7	12 1	1 29	19 50	0 11	0 34	1 9	18 59	1 44	19 49	0 11	21 48	1 24	12 16	10 18	20 23	20 9	25 42	15 38	2 11
S 20	19 43	3s 1	4 21	22 17	1 13	12 27	1 28	20 0	0 12	0 38	1 10	19 1	1 44	19 49	0 11	21 48	1 24	12 16	10 18	20 23	20 9	25 43	15 40	2 11
S 21	19 57	9 5	4 51	22 39	1 18	12 52	1 27	20 11	0 12	0 41	1 10	19 2	1 44	19 50	0 11	21 48	1 24	12 15	10 18	20 25	20 10	25 44	15 42	2 12
M22	20 10	14 51	5 5	23 0	1 24	13 17	1 26	20 20	0 13	0 45	1 10	19 4	1 44	19 51	0 11	21 48	1 24	12 15	10 18	20 26	20 11	25 44	15 43	2 12
T 23	20 22	19 55	4 57	23 20	1 29	13 42	1 24	20 30	0 13	0 49	1 10	19 5	1 44	19 52	0 11	21 48	1 24	12 15	10 18	20 28	20 11	25 45	15 45	2 12
W24	20 35	23 44	4 29	23 39	1 34	14 6	1 23	20 39	0 14	0 52	1 10	19 7	1 43	19 53	0 11	21 48	1 24	12 15	10 18	20 30	20 12	25 45	15 47	2 13
T 25	20 47	25 53	3 42	23 56	1 39	14 30	1 21	20 49	0 15	0 56	1 11	19 8	1 43	19 53	0 11	21 48	1 24	12 15	10 18	20 32	20 13	25 46	15 49	2 13
F 26	20 58	26 4	2 39	24 12	1 44	14 54	1 20	20 58	0 15	0 59	1 11	19 9	1 43	19 54	0 11	21 47	1 24	12 15	10 18	20 33	20 13	25 46	15 51	2 13
S 27	21 9	24 20	1 26	24 28	1 48	15 18	1 18	21 7	0 16	1 3	1 11	19 11	1 43	19 55	0 11	21 47	1 24	12 15	10 18	20 33	20 14	25 47	15 52	2 13
S 28	21 20	21 1	0 9	24 41	1 53	15 41	1 17	21 15	0 16	1 6	1 11	19 12	1 43	19 56	0 11	21 47	1 24	12 15	10 18	20 34	20 15	25 47	15 54	2 14
M29	21 30	16 31	1n 7	24 54	1 57	16 3	1 15	21 24	0 17	1 10	1 11	19 13	1 43	19 57	0 11	21 47	1 24	12 14	10 18	20 34	20 15	25 48	15 56	2 14
T 30	21s40	11s18	2n16	25s 5	2s 0	16s25	1n13	21s32	0s18	1s13	1n12	19s15	1n43	19s57	0n11	21n47	1s24	12n14	10s18	20s33	20s16	25n48	15s58	2n14

Julian Day Number = 2414229.5, Delta T = -3.99 sec
Ecliptic obliquity = 23°27'14, Nutation = 0°00'13, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'49, Lahiri = 22°25'49

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ASTRODIENST EPHEMERIS for the year 1897
geocentric

DECEMBER 1897 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	4 40 26	9♐ 6'25	7♓29	21♐37	20♏41	6♐19	5♎58	3♐59	29♏55	21°R28	13°R49	28°R 7	29♑27	9♊43	21♏32	W 1
T 2	4 44 23	10° 7'17	20°21	23° 9	21°57	7° 2	6° 7	4° 7	29°58	21♊27	13♊48	28♑ 6	29°24	9°50	21°40	T 2
F 3	4 48 19	11° 8'09	2♈55	24°40	23°12	7°46	6°16	4°14	0♐ 2	21°25	13°46	28° 3	29°21	9°57	21°48	F 3
S 4	4 52 16	12° 9'02	15°14	26°11	24°27	8°29	6°24	4°21	0° 6	21°23	13°45	27°59	29°18	10° 4	21°56	S 4
S 5	4 56 13	13° 9'57	27°23	27°41	25°42	9°13	6°32	4°28	0° 9	21°22	13°44	27°52	29°15	10°10	22° 3	S 5
M 6	5 0 9	14°10'52	9♉23	29°12	26°58	9°56	6°41	4°35	0°13	21°20	13°43	27°44	29°12	10°17	22°11	M 6
T 7	5 4 6	15°11'47	21°18	0♋41	28°13	10°40	6°49	4°42	0°17	21°18	13°42	27°35	29° 8	10°24	22°19	T 7
W 8	5 8 2	16°12'44	3♊10	2°11	29°28	11°24	6°57	4°49	0°20	21°17	13°41	27°27	29° 5	10°30	22°27	W 8
T 9	5 11 59	17°13'42	15° 1	3°39	0♐43	12° 7	7° 5	4°56	0°24	21°15	13°40	27°20	29° 2	10°37	22°34	T 9
F 10	5 15 55	18°14'40	26°52	5° 7	1°59	12°51	7°12	5° 3	0°28	21°13	13°38	27°14	28°59	10°44	22°42	F 10
S 11	5 19 52	19°15'40	8♋45	6°34	3°14	13°35	7°20	5°10	0°31	21°12	13°37	27°10	28°56	10°50	22°49	S 11
S 12	5 23 48	20°16'40	20°41	8° 1	4°29	14°19	7°27	5°17	0°35	21°10	13°36	27° 8	28°53	10°57	22°57	S 12
M13	5 27 45	21°17'41	2♌44	9°25	5°45	15° 3	7°35	5°24	0°38	21° 8	13°35	27°D 8	28°49	11° 4	23° 4	M13
T 14	5 31 42	22°18'43	14°57	10°49	7° 0	15°47	7°42	5°31	0°42	21° 7	13°34	27° 9	28°46	11°10	23°12	T 14
W15	5 35 38	23°19'45	27°23	12°11	8°16	16°31	7°49	5°38	0°45	21° 5	13°33	27°11	28°43	11°17	23°19	W15
T 16	5 39 35	24°20'49	10♍ 5	13°31	9°31	17°15	7°56	5°45	0°49	21° 3	13°32	27°13	28°40	11°24	23°27	T 16
F 17	5 43 31	25°21'54	23° 8	14°48	10°46	17°59	8° 3	5°52	0°52	21° 1	13°30	27°R14	28°37	11°31	23°34	F 17
S 18	5 47 28	26°22'59	6♎35	16° 3	12° 2	18°43	8° 9	5°58	0°56	21° 0	13°29	27°13	28°33	11°37	23°41	S 18
S 19	5 51 24	27°24'05	20°28	17°14	13°17	19°27	8°16	6° 5	0°59	20°58	13°28	27°11	28°30	11°44	23°48	S 19
M20	5 55 21	28°25'12	4♏47	18°22	14°32	20°12	8°22	6°12	1° 3	20°56	13°27	27° 8	28°27	11°51	23°56	M20
T 21	5 59 17	29°26'20	19°30	19°26	15°48	20°56	8°28	6°19	1° 6	20°55	13°26	27° 4	28°24	11°57	24° 3	T 21
W22	6 3 14	0♑27'29	4♐32	20°25	17° 3	21°40	8°34	6°25	1° 9	20°53	13°25	27° 0	28°21	12° 4	24°10	W22
T 23	6 7 11	1°28'38	19°43	21°18	18°19	22°25	8°40	6°32	1°13	20°51	13°24	26°57	28°18	12°11	24°17	T 23
F 24	6 11 7	2°29'48	4♑54	22° 4	19°34	23° 9	8°46	6°39	1°16	20°50	13°23	26°54	28°14	12°17	24°24	F 24
S 25	6 15 4	3°30'58	19°55	22°43	20°50	23°54	8°51	6°46	1°19	20°48	13°22	26°D53	28°11	12°24	24°31	S 25
S 26	6 19 0	4°32'08	4♒38	23°14	22° 5	24°38	8°57	6°52	1°23	20°46	13°21	26°53	28° 8	12°31	24°38	S 26
M27	6 22 57	5°33'18	18°57	23°35	23°20	25°23	9° 2	6°59	1°26	20°45	13°19	26°54	28° 5	12°37	24°44	M27
T 28	6 26 53	6°34'28	2♓48	23°47	24°36	26° 8	9° 7	7° 5	1°29	20°43	13°18	26°55	28° 2	12°44	24°51	T 28
W29	6 30 50	7°35'38	16°13	23°R48	25°51	26°52	9°12	7°12	1°32	20°41	13°17	26°57	27°59	12°51	24°58	W29
T 30	6 34 47	8°36'48	29°12	23°37	27° 7	27°37	9°17	7°18	1°35	20°40	13°16	26°58	27°55	12°57	25° 5	T 30
F 31	6 38 43	9♑37'57	11♈49	23♑14	28♐22	28♐22	9♎21	7♐25	1♐38	20♊38	13♊15	26°R58	27♑52	13♊ 4	25♏11	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	21s50	5s44	3n16	25s15	2s 4	16s47	1n12	21s41	0s18	1s17	1n12	19s16	1n43	19s58	0n11	21n47	1s24	12n14	10s18	20s33	20s17	25n48	15s59	2n15
T 2	21 59	0 5	4 4	25 23	2 7	17 8	1 10	21 48	0 19	1 20	1 12	19 18	1 43	19 59	0 11	21 47	1 24	12 14	10 18	20 33	20 17	25 49	16 1	2 15
F 3	22 7	5n26	4 39	25 30	2 10	17 29	1 8	21 56	0 19	1 23	1 12	19 19	1 43	20 0	0 11	21 47	1 24	12 14	10 18	20 34	20 18	25 49	16 3	2 15
S 4	22 16	10 37	5 1	25 36	2 12	17 50	1 6	22 4	0 20	1 26	1 12	19 20	1 43	20 0	0 11	21 47	1 24	12 14	10 18	20 35	20 19	25 50	16 4	2 16
S 5	22 24	15 20	5 8	25 40	2 14	18 9	1 4	22 11	0 21	1 29	1 13	19 21	1 43	20 1	0 11	21 46	1 24	12 14	10 18	20 36	20 19	25 50	16 6	2 16
M 6	22 31	19 24	5 2	25 43	2 16	18 29	1 2	22 18	0 21	1 32	1 13	19 23	1 43	20 2	0 11	21 46	1 24	12 14	10 18	20 38	20 20	25 51	16 8	2 16
T 7	22 38	22 38	4 43	25 45	2 17	18 48	1 0	22 25	0 22	1 35	1 13	19 24	1 43	20 3	0 11	21 46	1 24	12 14	10 18	20 39	20 21	25 51	16 9	2 17
W 8	22 44	24 54	4 11	25 44	2 18	19 6	0 58	22 32	0 22	1 38	1 13	19 25	1 43	20 4	0 11	21 46	1 24	12 14	10 18	20 41	20 21	25 51	16 11	2 17
T 9	22 50	26 4	3 29	25 43	2 19	19 24	0 56	22 38	0 23	1 41	1 13	19 27	1 43	20 4	0 11	21 46	1 24	12 13	10 18	20 42	20 22	25 52	16 13	2 17
F 10	22 56	26 2	2 37	25 40	2 19	19 41	0 54	22 45	0 24	1 44	1 14	19 28	1 43	20 5	0 11	21 46	1 24	12 13	10 18	20 44	20 23	25 52	16 14	2 18
S 11	23 1	24 48	1 39	25 35	2 18	19 58	0 52	22 51	0 24	1 47	1 14	19 29	1 43	20 6	0 11	21 46	1 24	12 13	10 18	20 44	20 23	25 53	16 16	2 18
S 12	23 6	22 26	0 35	25 29	2 17	20 14	0 50	22 56	0 25	1 50	1 14	19 30	1 43	20 7	0 11	21 46	1 24	12 13	10 18	20 45	20 24	25 53	16 17	2 18
M13	23 10	19 4	0s31	25 22	2 15	20 30	0 47	23 2	0 25	1 52	1 14	19 32	1 43	20 7	0 11	21 46	1 24	12 13	10 18	20 45	20 24	25 53	16 19	2 19
T 14	23 14	14 50	1 36	25 13	2 13	20 45	0 45	23 7	0 26	1 55	1 15	19 33	1 43	20 8	0 11	21 46	1 24	12 13	10 18	20 44	20 25	25 54	16 20	2 19
W15	23 17	9 55	2 38	25 3	2 10	21 0	0 43	23 13	0 27	1 57	1 15	19 34	1 43	20 9	0 11	21 45	1 24	12 13	10 18	20 44	20 26	25 54	16 22	2 20
T 16	23 20	4 30	3 34	24 51	2 6	21 13	0 41	23 18	0 27	2 0	1 15	19 35	1 43	20 10	0 11	21 45	1 24	12 13	10 18	20 44	20 26	25 55	16 23	2 20
F 17	23 22	1s15	4 20	24 38	2 1	21 27	0 38	23 22	0 28	2 2	1 15	19 36	1 43	20 10	0 11	21 45	1 24	12 13	10 17	20 44	20 27	25 55	16 25	2 20
S 18	23 24	7 6	4 53	24 24	1 56	21 39	0 36	23 27	0 28	2 5	1 15	19 38	1 43	20 11	0 11	21 45	1 24	12 13	10 17	20 44	20 28	25 55	16 26	2 21
S 19	23 26	12 48	5 11	24 9	1 49	21 51	0 34	23 31	0 29	2 7	1 16	19 39	1 43	20 12	0 11	21 45	1 24	12 13	10 17	20 44	20 28	25 56	16 27	2 21
M20	23 27	18 0	5 11	23 52	1 42	22 3	0 31	23 35	0 29	2 9	1 16	19 40	1 43	20 12	0 11	21 45	1 24	12 13	10 17	20 45	20 29	25 56	16 29	2 21
T 21	23 27	22 16	4 50	23 35	1 33	22 13	0 29	23 39	0 30	2 12	1 16	19 41	1 43	20 13	0 11	21 45	1 24	12 13	10 17	20 45	20 30	25 56	16 30	2 22
W22	23 27	25 8	4 9	23 17	1 24	22 23	0 26	23 42	0 31	2 14	1 16	19 42	1 43	20 14	0 11	21 45	1 24	12 13	10 17	20 46	20 30	25 56	16 32	2 22
T 23	23 27	26 13	3 10	22 58	1 13	22 33	0 24	23 45	0 31	2 16	1 17	19 43	1 43	20 14	0 11	21 45	1 24	12 13	10 17	20 47	20 31	25 57	16 33	2 23
F 24	23 26	25 20	1 58	22 39	1 2	22 41	0 21	23 48	0 32	2 18	1 17	19 44	1 43	20 15	0 11	21 45	1 24	12 13	10 17	20 47	20 32	25 57	16 34	2 23
S 25	23 24	22 36	0 38	22 20	0 49	22 49	0 19	23 51	0 32	2 20	1 17	19 45	1 43	20 16	0 11	21 44	1 24	12 13	10 17	20 48	20 32	25 57	16 35	2 23
S 26	23 23	18 26	0n43	22 1	0 34	22 56	0 17	23 54	0 33	2 22	1 17	19 47	1 43	20 17	0 11	21 44	1 24	12 13	10 17	20 48	20 33	25 58	16 37	2 24
M27	23 20	13 16	1 59	21 42	0 19	23 3	0 14	23 56	0 34	2 24	1 18	19 48	1 43	20 17	0 11	21 44	1 24	12 13	10 16	20 47	20 33	25 58	16 38	2 24
T 28	23 17	7 36	3 5	21 24	0 3	23 9	0 12	23 58	0 34	2 25	1 18	19 49	1 43	20 18	0 11	21 44	1 24	12 13	10 16	20 47	20 34	25 58	16 39	2 25
W29	23 14	1 46	4 0	21 7	0n15	23 14	0 9	24 0	0 35	2 27	1 18	19 50	1 43	20 18	0 11	21 44	1 24	12 13	10 16	20 47	20 35	25 58	16 40	2 25
T 30	23 10	3n57	4 40	20 51	0 33	23 19	0 7	24 1	0 35	2 29	1 18	19 51	1 43	20 19	0 11	21 44	1 24	12 13	10 16	20 47	20 35	25 59	16 41	2 26
F 31	23s 6	9n21	5n 5	20s36	0n52	23s22	0n 4	24s 2	0s36	2s30	1n19	19s52	1n43	20s20	0n11	21n44	1s24	12n13	10s16	20s47	20s36	25n59	16s43	2n26

Julian Day Number = 2414259.5, Delta T = -3.93 sec
Ecliptic obliquity = 23°27'13, Nutation = 0°00'14, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'53, Lahiri = 22°25'53

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ASTRODIENST EPHEMERIS for the year 1898
geocentric

JANUARY 1898 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 42 40	10♑39'07	24♈ 8	22°R40	29♐38	29♐ 6	9♎26	7♐31	1♐42	20°R37	13°R14	26°R58	27♑49	13♊11	25♏18	S 1
S 2	6 46 36	11°40'16	6♉14	21♑54	0♑53	29°51	9°30	7°37	1°45	20♊35	13♊13	26♑56	27°46	13°17	25°24	S 2
M 3	6 50 33	12°41'25	18°10	20°58	2° 8	0♑36	9°34	7°44	1°48	20°34	13°12	26°54	27°43	13°24	25°30	M 3
T 4	6 54 29	13°42'33	0♊ 1	19°52	3°24	1°21	9°38	7°50	1°51	20°32	13°11	26°52	27°39	13°31	25°37	T 4
W 5	6 58 26	14°43'42	11°51	18°39	4°39	2° 6	9°41	7°56	1°54	20°31	13°10	26°50	27°36	13°38	25°43	W 5
T 6	7 2 22	15°44'50	23°42	17°21	5°55	2°51	9°45	8° 2	1°57	20°29	13° 9	26°48	27°33	13°44	25°49	T 6
F 7	7 6 19	16°45'58	5♋36	16° 1	7°10	3°36	9°48	8° 8	2° 0	20°28	13° 8	26°47	27°30	13°51	25°55	F 7
S 8	7 10 16	17°47'05	17°36	14°41	8°26	4°21	9°51	8°14	2° 2	20°26	13° 8	26°47	27°27	13°58	26° 1	S 8
S 9	7 14 12	18°48'13	29°43	13°24	9°41	5° 6	9°54	8°20	2° 5	20°25	13° 7	26°D46	27°24	14° 4	26° 7	S 9
M10	7 18 9	19°49'20	12♌ 0	12°11	10°56	5°52	9°57	8°26	2° 8	20°23	13° 6	26°47	27°20	14°11	26°13	M10
T 11	7 22 5	20°50'26	24°27	11° 5	12°12	6°37	10° 0	8°32	2°11	20°22	13° 5	26°47	27°17	14°18	26°19	T 11
W12	7 26 2	21°51'33	7♍ 6	10° 7	13°27	7°22	10° 2	8°38	2°14	20°20	13° 4	26°48	27°14	14°24	26°25	W12
T 13	7 29 58	22°52'39	20° 0	9°19	14°43	8° 7	10° 5	8°44	2°16	20°19	13° 3	26°48	27°11	14°31	26°31	T 13
F 14	7 33 55	23°53'45	3♎ 9	8°39	15°58	8°53	10° 7	8°49	2°19	20°18	13° 2	26°49	27° 8	14°38	26°36	F 14
S 15	7 37 51	24°54'51	16°36	8°10	17°13	9°38	10° 9	8°55	2°22	20°16	13° 1	26°49	27° 5	14°44	26°42	S 15
S 16	7 41 48	25°55'57	0♏21	7°50	18°29	10°24	10°10	9° 1	2°24	20°15	13° 1	26°R49	27° 1	14°51	26°47	S 16
M17	7 45 45	26°57'03	14°25	7°39	19°44	11° 9	10°12	9° 6	2°27	20°14	13° 0	26°D49	26°58	14°58	26°53	M17
T 18	7 49 41	27°58'08	28°48	7°D37	21° 0	11°55	10°13	9°12	2°29	20°12	12°59	26°49	26°55	15° 4	26°58	T 18
W19	7 53 38	28°59'13	13♐25	7°43	22°15	12°40	10°14	9°17	2°32	20°11	12°58	26°49	26°52	15°11	27° 3	W19
T 20	7 57 34	0♒ 0'18	28°12	7°56	23°31	13°26	10°15	9°23	2°34	20°10	12°58	26°49	26°49	15°18	27° 9	T 20
F 21	8 1 31	1° 1'22	13♑ 2	8°17	24°46	14°11	10°16	9°28	2°36	20° 9	12°57	26°50	26°45	15°24	27°14	F 21
S 22	8 5 27	2° 2'25	27°49	8°44	26° 1	14°57	10°17	9°33	2°39	20° 7	12°56	26°R50	26°42	15°31	27°19	S 22
S 23	8 9 24	3° 3'28	12♒25	9°16	27°17	15°43	10°17	9°38	2°41	20° 6	12°55	26°50	26°39	15°38	27°24	S 23
M24	8 13 21	4° 4'30	26°43	9°54	28°32	16°28	10°17	9°44	2°43	20° 5	12°55	26°49	26°36	15°44	27°28	M24
T 25	8 17 17	5° 5'30	10♓39	10°36	29°47	17°14	10°R17	9°49	2°46	20° 4	12°54	26°48	26°33	15°51	27°33	T 25
W26	8 21 14	6° 6'30	24°10	11°23	1♒ 3	18° 0	10°17	9°54	2°48	20° 3	12°53	26°47	26°30	15°58	27°38	W26
T 27	8 25 10	7° 7'29	7♈17	12°14	2°18	18°46	10°17	9°58	2°50	20° 2	12°53	26°46	26°26	16° 5	27°42	T 27
F 28	8 29 7	8° 8'26	20° 0	13° 8	3°34	19°32	10°16	10° 3	2°52	20° 1	12°52	26°45	26°23	16°11	27°47	F 28
S 29	8 33 3	9° 9'22	2♉24	14° 6	4°49	20°18	10°15	10° 8	2°54	20° 0	12°52	26°44	26°20	16°18	27°51	S 29
S 30	8 37 0	10°10'17	14°32	15° 6	6° 4	21° 3	10°14	10°13	2°56	19°59	12°51	26°D44	26°17	16°25	27°55	S 30
M31	8 40 56	11♒11'11	26♉28	16♑ 9	7♒20	21♑49	10♎13	10♐17	2♐58	19♊58	12♊50	26♑44	26♑14	16♊31	28♏ 0	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 2	14n15	5n16	20s22	1n11	23s25	0n 2	24s 3	0s36	2s32	1n19	19s53	1n43	20s20	0n11	21n44	1s24	12n13	10s16	20s47	20s37	25n59	16s44	2n26
S 2	22 56	18 30	5 12	20 11	1 31	23 28	0s 1	24 4	0 37	2 33	1 19	19 54	1 43	20 21	0 11	21 44	1 24	12 13	10 16	20 47	20 37	25 59	16 45	2 27
M 3	22 51	21 58	4 55	20 0	1 50	23 29	0 3	24 5	0 38	2 34	1 19	19 55	1 43	20 22	0 11	21 44	1 24	12 13	10 15	20 47	20 38	26 0	16 46	2 27
T 4	22 45	24 29	4 25	19 52	2 8	23 30	0 6	24 5	0 38	2 36	1 20	19 56	1 43	20 22	0 11	21 44	1 24	12 13	10 15	20 48	20 39	26 0	16 47	2 28
W 5	22 38	25 55	3 44	19 45	2 25	23 30	0 8	24 5	0 39	2 37	1 20	19 57	1 43	20 23	0 11	21 43	1 24	12 13	10 15	20 48	20 39	26 0	16 48	2 28
T 6	22 31	26 11	2 53	19 40	2 40	23 30	0 10	24 5	0 39	2 38	1 20	19 57	1 44	20 23	0 11	21 43	1 24	12 13	10 15	20 48	20 40	26 0	16 49	2 29
F 7	22 24	25 15	1 55	19 37	2 54	23 28	0 13	24 4	0 40	2 39	1 20	19 58	1 44	20 24	0 11	21 43	1 24	12 13	10 15	20 49	20 40	26 0	16 50	2 29
S 8	22 16	23 8	0 51	19 35	3 5	23 26	0 15	24 3	0 40	2 40	1 21	19 59	1 44	20 25	0 11	21 43	1 23	12 13	10 15	20 49	20 41	26 1	16 51	2 29
S 9	22 8	19 57	0s16	19 35	3 13	23 24	0 18	24 2	0 41	2 41	1 21	20 0	1 44	20 25	0 11	21 43	1 23	12 13	10 14	20 49	20 42	26 1	16 52	2 30
M10	21 59	15 52	1 24	19 36	3 19	23 20	0 20	24 1	0 41	2 42	1 21	20 1	1 44	20 26	0 11	21 43	1 23	12 13	10 14	20 49	20 42	26 1	16 53	2 30
T 11	21 50	11 3	2 28	19 38	3 22	23 16	0 22	23 59	0 42	2 43	1 22	20 2	1 44	20 26	0 11	21 43	1 23	12 13	10 14	20 49	20 43	26 1	16 54	2 31
W12	21 41	5 43	3 26	19 41	3 23	23 11	0 25	23 57	0 43	2 43	1 22	20 3	1 44	20 27	0 11	21 43	1 23	12 13	10 14	20 49	20 44	26 1	16 55	2 31
T 13	21 31	0 4	4 15	19 46	3 22	23 5	0 27	23 55	0 43	2 44	1 22	20 4	1 44	20 27	0 11	21 43	1 23	12 14	10 14	20 48	20 44	26 1	16 55	2 32
F 14	21 20	5s42	4 51	19 52	3 19	22 59	0 29	23 53	0 44	2 45	1 22	20 4	1 44	20 28	0 11	21 43	1 23	12 14	10 14	20 48	20 45	26 2	16 56	2 32
S 15	21 10	11 20	5 13	19 58	3 14	22 52	0 31	23 50	0 44	2 45	1 23	20 5	1 44	20 28	0 11	21 43	1 23	12 14	10 13	20 48	20 45	26 2	16 57	2 33
S 16	20 58	16 33	5 17	20 5	3 8	22 44	0 34	23 47	0 45	2 46	1 23	20 6	1 44	20 29	0 11	21 43	1 23	12 14	10 13	20 48	20 46	26 2	16 58	2 33
M17	20 47	20 59	5 3	20 13	3 1	22 36	0 36	23 44	0 45	2 46	1 23	20 7	1 44	20 29	0 11	21 43	1 23	12 14	10 13	20 48	20 47	26 2	16 59	2 34
T 18	20 35	24 17	4 30	20 21	2 53	22 26	0 38	23 41	0 46	2 46	1 23	20 7	1 44	20 30	0 11	21 43	1 23	12 14	10 13	20 48	20 47	26 2	16 59	2 34
W19	20 22	26 2	3 39	20 30	2 44	22 17	0 40	23 37	0 46	2 46	1 24	20 8	1 44	20 30	0 11	21 43	1 23	12 14	10 13	20 48	20 48	26 2	17 0	2 35
T 20	20 10	25 59	2 33	20 38	2 35	22 6	0 42	23 33	0 47	2 47	1 24	20 9	1 44	20 31	0 11	21 42	1 23	12 14	10 12	20 48	20 48	26 2	17 1	2 35
F 21	19 57	24 4	1 16	20 47	2 25	21 55	0 44	23 29	0 47	2 47	1 24	20 10	1 45	20 31	0 11	21 42	1 23	12 14	10 12	20 48	20 49	26 2	17 1	2 36
S 22	19 43	20 31	0n 6	20 55	2 15	21 43	0 46	23 24	0 48	2 47	1 25	20 10	1 45	20 32	0 11	21 42	1 23	12 14	10 12	20 48	20 50	26 2	17 2	2 36
S 23	19 29	15 43	1 26	21 3	2 5	21 30	0 48	23 20	0 48	2 47	1 25	20 11	1 45	20 32	0 11	21 42	1 23	12 15	10 12	20 48	20 50	26 2	17 3	2 37
M24	19 15	10 8	2 39	21 11	1 55	21 17	0 50	23 15	0 49	2 46	1 25	20 12	1 45	20 33	0 11	21 42	1 23	12 15	10 12	20 48	20 51	26 3	17 3	2 37
T 25	19 0	4 11	3 40	21 18	1 44	21 3	0 52	23 9	0 49	2 46	1 25	20 12	1 45	20 33	0 11	21 42	1 23	12 15	10 11	20 49	20 51	26 3	17 4	2 38
W26	18 45	1n47	4 27	21 25	1 34	20 49	0 54	23 4	0 50	2 46	1 26	20 13	1 45	20 34	0 11	21 42	1 23	12 15	10 11	20 49	20 52	26 3	17 4	2 38
T 27	18 30	7 28	4 59	21 31	1 23	20 34	0 56	22 58	0 50	2 45	1 26	20 14	1 45	20 34	0 11	21 42	1 23	12 15	10 11	20 49	20 53	26 3	17 5	2 39
F 28	18 15	12 41	5 15	21 36	1 13	20 18	0 58	22 52	0 51	2 45	1 26	20 14	1 45	20 34	0 11	21 42	1 23	12 15	10 11	20 49	20 53	26 3	17 5	2 39
S 29	17 59	17 14	5 15	21 40	1 3	20 2	0 59	22 46	0 51	2 44	1 26	20 15	1 45	20 35	0 11	21 42	1 23	12 15	10 10	20 49	20 54	26 3	17 6	2 40
S 30	17 42	21 0	5 2	21 44	0 52	19 45	1 1	22 39	0 52	2 44	1 27	20 15	1 45	20 35	0 11	21 42	1 23	12 16	10 10	20 49	20 54	26 3	17 6	2 40
M31	17s26	23n50	4n35	21s46	0n42	19s28	1s 3	22s33	0s52	2s43	1n27	20s16	1n45	20s35	0n11	21n42	1s23	12n16	10s10	20s49	20s55	26n 3	17s 7	2n41

Julian Day Number = 2414290.5, Delta T = -3.87 sec
Ecliptic obliquity = 23°27'13, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°18'57, Lahiri = 22°25'57

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1898
geocentric

FEBRUARY 1898 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	8 44 53	12♒12'03	8♊19	17♉15	8♒35	22♉35	10°R12	10♐22	3♐ 0	19°R57	12°R50	26♉46	26♉11	16♊38	28♏ 4	T 1
W 2	8 48 50	13°12'54	20° 8	18°23	9°50	23°21	10♎10	10°26	3° 2	19♊56	12♊49	26°47	26° 7	16°45	28° 8	W 2
T 3	8 52 46	14°13'44	2♋ 0	19°32	11° 5	24° 7	10° 9	10°31	3° 3	19°55	12°49	26°49	26° 4	16°51	28°12	T 3
F 4	8 56 43	15°14'32	13°58	20°44	12°21	24°54	10° 7	10°35	3° 5	19°54	12°49	26°50	26° 1	16°58	28°15	F 4
S 5	9 0 39	16°15'19	26° 6	21°58	13°36	25°40	10° 5	10°39	3° 7	19°54	12°48	26°R50	25°58	17° 5	28°19	S 5
S 6	9 4 36	17°16'05	8♌26	23°13	14°51	26°26	10° 2	10°43	3° 8	19°53	12°48	26°50	25°55	17°11	28°23	S 6
M 7	9 8 32	18°16'49	21° 0	24°29	16° 6	27°12	10° 0	10°48	3°10	19°52	12°47	26°48	25°51	17°18	28°26	M 7
T 8	9 12 29	19°17'32	3♍47	25°48	17°22	27°58	9°57	10°51	3°11	19°51	12°47	26°46	25°48	17°25	28°30	T 8
W 9	9 16 25	20°18'14	16°49	27° 7	18°37	28°44	9°55	10°55	3°13	19°51	12°46	26°42	25°45	17°31	28°33	W 9
T 10	9 20 22	21°18'54	0♎ 4	28°28	19°52	29°31	9°52	10°59	3°14	19°50	12°46	26°38	25°42	17°38	28°36	T 10
F 11	9 24 18	22°19'34	13°32	29°50	21° 7	0♒17	9°48	11° 3	3°16	19°50	12°46	26°34	25°39	17°45	28°39	F 11
S 12	9 28 15	23°20'12	27°12	1♒13	22°23	1° 3	9°45	11° 7	3°17	19°49	12°46	26°31	25°36	17°51	28°42	S 12
S 13	9 32 12	24°20'49	11♏ 2	2°37	23°38	1°49	9°42	11°10	3°18	19°48	12°45	26°29	25°32	17°58	28°45	S 13
M14	9 36 8	25°21'25	25° 2	4° 3	24°53	2°36	9°38	11°14	3°20	19°48	12°45	26°D29	25°29	18° 5	28°48	M14
T 15	9 40 5	26°22'00	9♐11	5°29	26° 8	3°22	9°34	11°17	3°21	19°47	12°45	26°29	25°26	18°11	28°51	T 15
W16	9 44 1	27°22'34	23°27	6°57	27°23	4° 9	9°30	11°20	3°22	19°47	12°45	26°30	25°23	18°18	28°53	W16
T 17	9 47 58	28°23'06	7♑47	8°26	28°38	4°55	9°26	11°24	3°23	19°47	12°44	26°32	25°20	18°25	28°56	T 17
F 18	9 51 54	29°23'37	22°10	9°55	29°54	5°41	9°21	11°27	3°24	19°46	12°44	26°R33	25°17	18°31	28°58	F 18
S 19	9 55 51	0♓24'07	6♒30	11°26	1♓ 9	6°28	9°17	11°30	3°25	19°46	12°44	26°33	25°13	18°38	29° 1	S 19
S 20	9 59 48	1°24'35	20°43	12°58	2°24	7°14	9°12	11°33	3°26	19°45	12°44	26°31	25°10	18°45	29° 3	S 20
M21	10 3 44	2°25'02	4♓45	14°30	3°39	8° 1	9° 7	11°36	3°27	19°45	12°44	26°27	25° 7	18°51	29° 5	M21
T 22	10 7 41	3°25'27	18°31	16° 4	4°54	8°47	9° 2	11°38	3°28	19°45	12°44	26°21	25° 4	18°58	29° 7	T 22
W23	10 11 37	4°25'50	1♈57	17°38	6° 9	9°34	8°57	11°41	3°28	19°45	12°44	26°15	25° 1	19° 5	29° 9	W23
T 24	10 15 34	5°26'11	15° 3	19°14	7°24	10°21	8°52	11°44	3°29	19°45	12°44	26° 8	24°57	19°11	29°10	T 24
F 25	10 19 30	6°26'31	27°49	20°51	8°39	11° 7	8°46	11°46	3°30	19°44	12°D44	26° 2	24°54	19°18	29°12	F 25
S 26	10 23 27	7°26'48	10♉15	22°28	9°54	11°54	8°40	11°49	3°30	19°44	12°44	25°56	24°51	19°25	29°14	S 26
S 27	10 27 23	8°27'04	22°24	24° 7	11° 9	12°40	8°35	11°51	3°31	19°44	12°44	25°53	24°48	19°31	29°15	S 27
M28	10 31 20	9♓27'17	4♊23	25♒46	12♓24	13♒27	8♎29	11♐53	3♐31	19♊44	12♊44	25°D51	24♉45	19♊38	29♏16	M28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	17s 9	25n37	3n57	21s48	0n33	19s10	1s 4	22s26	0s53	2s42	1n27	20s17	1n46	20s36	0n11	21n42	1s23	12n16	10s10	20s49	20s56	26n 3	17s 7	2n41
W 2	16 52	26 14	3 9	21 49	0 23	18 51	1 6	22 18	0 53	2 41	1 27	20 17	1 46	20 36	0 11	21 42	1 23	12 16	10 10	20 49	20 56	26 3	17 7	2 42
T 3	16 34	25 39	2 13	21 48	0 14	18 32	1 7	22 11	0 54	2 41	1 28	20 18	1 46	20 37	0 11	21 42	1 22	12 16	10 9	20 48	20 57	26 3	17 8	2 43
F 4	16 16	23 53	1 11	21 47	0 5	18 13	1 9	22 3	0 54	2 40	1 28	20 18	1 46	20 37	0 11	21 42	1 22	12 16	10 9	20 48	20 57	26 3	17 8	2 43
S 5	15 58	21 0	0 4	21 44	0s 4	17 52	1 10	21 55	0 55	2 39	1 28	20 19	1 46	20 37	0 11	21 42	1 22	12 17	10 9	20 48	20 58	26 3	17 8	2 44
S 6	15 40	17 8	1s 4	21 40	0 13	17 32	1 12	21 47	0 55	2 37	1 28	20 19	1 46	20 38	0 11	21 42	1 22	12 17	10 9	20 48	20 59	26 3	17 9	2 44
M 7	15 22	12 28	2 9	21 35	0 21	17 11	1 13	21 39	0 56	2 36	1 29	20 20	1 46	20 38	0 11	21 42	1 22	12 17	10 8	20 49	20 59	26 3	17 9	2 45
T 8	15 3	7 11	3 10	21 29	0 29	16 49	1 14	21 30	0 56	2 35	1 29	20 20	1 46	20 38	0 11	21 42	1 22	12 17	10 8	20 49	21 0	26 3	17 9	2 45
W 9	14 44	1 30	4 1	21 21	0 37	16 27	1 15	21 21	0 57	2 34	1 29	20 20	1 46	20 38	0 11	21 42	1 22	12 17	10 8	20 50	21 0	26 3	17 9	2 46
T 10	14 24	4s19	4 41	21 13	0 45	16 4	1 16	21 12	0 57	2 32	1 29	20 21	1 46	20 39	0 11	21 42	1 22	12 18	10 8	20 50	21 1	26 3	17 9	2 46
F 11	14 5	10 2	5 6	21 3	0 52	15 41	1 18	21 2	0 58	2 31	1 30	20 21	1 47	20 39	0 11	21 42	1 22	12 18	10 7	20 51	21 2	26 2	17 9	2 47
S 12	13 45	15 21	5 14	20 52	0 59	15 18	1 19	20 53	0 58	2 29	1 30	20 22	1 47	20 39	0 11	21 42	1 22	12 18	10 7	20 52	21 2	26 2	17 10	2 47
S 13	13 25	19 57	5 4	20 39	1 6	14 54	1 20	20 43	0 58	2 28	1 30	20 22	1 47	20 39	0 11	21 42	1 22	12 18	10 7	20 52	21 3	26 2	17 10	2 48
M14	13 5	23 30	4 36	20 25	1 12	14 30	1 20	20 33	0 59	2 26	1 30	20 22	1 47	20 40	0 11	21 42	1 22	12 18	10 7	20 52	21 3	26 2	17 10	2 49
T 15	12 44	25 39	3 51	20 10	1 18	14 5	1 21	20 22	0 59	2 24	1 31	20 23	1 47	20 40	0 11	21 42	1 22	12 19	10 6	20 52	21 4	26 2	17 10	2 49
W16	12 23	26 9	2 51	19 54	1 24	13 40	1 22	20 12	1 0	2 22	1 31	20 23	1 47	20 40	0 11	21 42	1 22	12 19	10 6	20 52	21 4	26 2	17 10	2 50
T 17	12 3	24 54	1 41	19 37	1 30	13 15	1 23	20 1	1 0	2 20	1 31	20 23	1 47	20 40	0 11	21 42	1 22	12 19	10 6	20 52	21 5	26 2	17 10	2 50
F 18	11 41	22 1	0 24	19 18	1 35	12 49	1 23	19 50	1 1	2 19	1 31	20 24	1 47	20 41	0 11	21 42	1 22	12 19	10 6	20 51	21 6	26 2	17 10	2 51
S 19	11 20	17 47	0n54	18 57	1 40	12 23	1 24	19 39	1 1	2 17	1 32	20 24	1 48	20 41	0 11	21 42	1 22	12 20	10 5	20 51	21 6	26 2	17 10	2 51
S 20	10 59	12 34	2 8	18 36	1 44	11 56	1 24	19 28	1 1	2 15	1 32	20 24	1 48	20 41	0 11	21 42	1 22	12 20	10 5	20 52	21 7	26 2	17 9	2 52
M21	10 37	6 47	3 13	18 13	1 48	11 30	1 25	19 16	1 2	2 12	1 32	20 25	1 48	20 41	0 11	21 42	1 22	12 20	10 5	20 53	21 7	26 1	17 9	2 53
T 22	10 15	0 47	4 6	17 49	1 52	11 3	1 25	19 4	1 2	2 10	1 32	20 25	1 48	20 41	0 11	21 42	1 22	12 20	10 5	20 54	21 8	26 1	17 9	2 53
W23	9 53	5n 6	4 43	17 23	1 56	10 35	1 26	18 52	1 3	2 8	1 32	20 25	1 48	20 41	0 11	21 42	1 21	12 21	10 4	20 55	21 9	26 1	17 9	2 54
T 24	9 31	10 37	5 4	16 57	1 59	10 8	1 26	18 40	1 3	2 6	1 33	20 25	1 48	20 41	0 11	21 42	1 21	12 21	10 4	20 56	21 9	26 1	17 9	2 54
F 25	9 9	15 31	5 10	16 28	2 2	9 40	1 26	18 28	1 3	2 3	1 33	20 25	1 48	20 42	0 11	21 42	1 21	12 21	10 4	20 57	21 10	26 1	17 9	2 55
S 26	8 47	19 39	5 1	15 59	2 4	9 11	1 26	18 15	1 4	2 1	1 33	20 26	1 48	20 42	0 11	21 42	1 21	12 21	10 4	20 58	21 10	26 1	17 8	2 56
S 27	8 24	22 51	4 38	15 28	2 6	8 43	1 26	18 2	1 4	1 59	1 33	20 26	1 49	20 42	0 11	21 42	1 21	12 22	10 3	20 59	21 11	26 0	17 8	2 56
M28	8s 2	25n 1	4n 3	14s56	2s 7	8s14	1s26	17s49	1s 4	1s56	1n33	20s26	1n49	20s42	0n11	21n42	1s21	12n22	10s 3	20s59	21s11	26n 0	17s 8	2n57

Julian Day Number = 2414321.5, Delta T = -3.81 sec
Ecliptic obliquity = 23°27'13, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°19'01, Lahiri = 22°26'02

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ASTRODIENST EPHEMERIS for the year 1898
geocentric

MARCH 1898 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	10 35 16	10♓27'29	16♊14	27♒27	13♓39	14♒14	8°R23	11♐55	3♐32	19°D44	12♊44	25♉52	24♉42	19♊45	29♏18	T 1
W 2	10 39 13	11°27'39	28° 3	29° 9	14°54	15° 0	8♎17	11°57	3°32	19♊44	12°44	25°53	24°38	19°51	29°19	W 2
T 3	10 43 10	12°27'46	9♋55	0♓51	16° 9	15°47	8°10	11°59	3°32	19°44	12°44	25°54	24°35	19°58	29°20	T 3
F 4	10 47 6	13°27'51	21°56	2°35	17°24	16°34	8° 4	12° 1	3°33	19°44	12°44	25°R55	24°32	20° 5	29°21	F 4
S 5	10 51 3	14°27'55	4♌10	4°20	18°39	17°20	7°58	12° 3	3°33	19°45	12°44	25°55	24°29	20°11	29°21	S 5
S 6	10 54 59	15°27'56	16°40	6° 6	19°54	18° 7	7°51	12° 4	3°33	19°45	12°44	25°53	24°26	20°18	29°22	S 6
M 7	10 58 56	16°27'55	29°28	7°53	21° 9	18°54	7°44	12° 6	3°33	19°45	12°45	25°48	24°23	20°25	29°23	M 7
T 8	11 2 52	17°27'52	12♍35	9°41	22°23	19°41	7°37	12° 7	3°R33	19°45	12°45	25°41	24°19	20°31	29°23	T 8
W 9	11 6 49	18°27'47	26° 1	11°31	23°38	20°27	7°31	12° 8	3°33	19°45	12°45	25°33	24°16	20°38	29°23	W 9
T 10	11 10 45	19°27'40	9♎44	13°21	24°53	21°14	7°24	12°10	3°33	19°46	12°45	25°24	24°13	20°45	29°24	T 10
F 11	11 14 42	20°27'32	23°39	15°13	26° 8	22° 1	7°17	12°11	3°33	19°46	12°46	25°15	24°10	20°51	29°24	F 11
S 12	11 18 39	21°27'21	7♏42	17° 6	27°22	22°48	7° 9	12°12	3°33	19°46	12°46	25° 7	24° 7	20°58	29°R24	S 12
S 13	11 22 35	22°27'09	21°51	18°59	28°37	23°34	7° 2	12°13	3°33	19°47	12°46	25° 1	24° 3	21° 5	29°24	S 13
M14	11 26 32	23°26'56	6♐ 1	20°54	29°52	24°21	6°55	12°14	3°32	19°47	12°47	24°57	24° 0	21°11	29°23	M14
T 15	11 30 28	24°26'41	20°11	22°50	1♑ 7	25° 8	6°47	12°14	3°32	19°48	12°47	24°D56	23°57	21°18	29°23	T 15
W16	11 34 25	25°26'24	4♑17	24°47	2°21	25°55	6°40	12°15	3°32	19°48	12°48	24°56	23°54	21°25	29°23	W16
T 17	11 38 21	26°26'05	18°20	26°45	3°36	26°41	6°33	12°15	3°31	19°49	12°48	24°R57	23°51	21°31	29°22	T 17
F 18	11 42 18	27°25'45	2♒19	28°44	4°51	27°28	6°25	12°16	3°31	19°49	12°48	24°56	23°48	21°38	29°22	F 18
S 19	11 46 14	28°25'23	16°12	0♑44	6° 5	28°15	6°17	12°16	3°30	19°50	12°49	24°55	23°44	21°45	29°21	S 19
S 20	11 50 11	29°24'59	29°58	2°44	7°20	29° 2	6°10	12°16	3°30	19°51	12°49	24°50	23°41	21°51	29°20	S 20
M21	11 54 8	0♑24'33	13♓35	4°45	8°34	29°49	6° 2	12°17	3°29	19°51	12°50	24°43	23°38	21°58	29°19	M21
T 22	11 58 4	1°24'05	27° 0	6°46	9°49	0♓36	5°54	12°R17	3°28	19°52	12°50	24°33	23°35	22° 5	29°18	T 22
W23	12 2 1	2°23'35	10♑11	8°48	11° 4	1°22	5°47	12°16	3°28	19°53	12°51	24°21	23°32	22°11	29°17	W23
T 24	12 5 57	3°23'03	23° 6	10°49	12°18	2° 9	5°39	12°16	3°27	19°53	12°51	24° 9	23°28	22°18	29°16	T 24
F 25	12 9 54	4°22'29	5♉44	12°50	13°33	2°56	5°31	12°16	3°26	19°54	12°52	23°57	23°25	22°25	29°14	F 25
S 26	12 13 50	5°21'53	18° 6	14°50	14°47	3°43	5°23	12°16	3°25	19°55	12°53	23°47	23°22	22°31	29°13	S 26
S 27	12 17 47	6°21'14	0♊15	16°49	16° 2	4°30	5°16	12°15	3°24	19°56	12°53	23°39	23°19	22°38	29°11	S 27
M28	12 21 43	7°20'34	12°12	18°47	17°16	5°16	5° 8	12°15	3°23	19°57	12°54	23°34	23°16	22°45	29°10	M28
T 29	12 25 40	8°19'51	24° 3	20°44	18°30	6° 3	5° 0	12°14	3°22	19°58	12°55	23°31	23°13	22°51	29° 8	T 29
W30	12 29 37	9°19'06	5♋51	22°38	19°45	6°50	4°52	12°13	3°21	19°59	12°55	23°D30	23° 9	22°58	29° 6	W30
T 31	12 33 33	10♑18'18	17♋43	24♑29	20♑59	7♓37	4♎45	12♐12	3♐20	20♊ 0	12♊56	23°R30	23♉ 6	23♊ 5	29♏ 4	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	7s39	26n 2	3n18	14s23	2s 9	7s46	1s26	17s36	1s 5	1s54	1n34	20s26	1n49	20s42	0n11	21n42	1s21	12n22	10s 3	20s59	21s12	26n 0	17s 7	2n57
W 2	7 16	25 51	2 25	13 48	2 9	7 16	1 26	17 23	1 5	1 51	1 34	20 26	1 49	20 42	0 11	21 43	1 21	12 22	10 2	20 59	21 13	26 0	17 7	2 58
T 3	6 53	24 30	1 26	13 12	2 10	6 47	1 26	17 9	1 5	1 48	1 34	20 26	1 49	20 42	0 11	21 43	1 21	12 23	10 2	20 59	21 13	26 0	17 7	2 59
F 4	6 30	22 1	0 22	12 34	2 10	6 18	1 26	16 56	1 6	1 46	1 34	20 26	1 49	20 42	0 11	21 43	1 21	12 23	10 2	20 59	21 14	25 59	17 6	2 59
S 5	6 7	18 31	0s44	11 56	2 9	5 48	1 25	16 42	1 6	1 43	1 34	20 27	1 49	20 42	0 11	21 43	1 21	12 23	10 2	20 59	21 14	25 59	17 6	3 0
S 6	5 44	14 7	1 50	11 16	2 8	5 18	1 25	16 28	1 6	1 40	1 34	20 27	1 49	20 42	0 11	21 43	1 21	12 24	10 1	20 59	21 15	25 59	17 5	3 0
M 7	5 21	9 0	2 51	10 35	2 7	4 49	1 25	16 14	1 7	1 38	1 34	20 27	1 50	20 42	0 11	21 43	1 21	12 24	10 1	21 0	21 15	25 59	17 5	3 1
T 8	4 57	3 23	3 44	9 52	2 5	4 19	1 24	15 59	1 7	1 35	1 35	20 27	1 50	20 42	0 11	21 43	1 21	12 24	10 1	21 1	21 16	25 59	17 5	3 2
W 9	4 34	2s29	4 26	9 8	2 2	3 48	1 24	15 45	1 7	1 32	1 35	20 27	1 50	20 42	0 11	21 43	1 21	12 24	10 1	21 3	21 16	25 58	17 4	3 2
T 10	4 10	8 22	4 54	8 23	1 59	3 18	1 23	15 30	1 8	1 29	1 35	20 27	1 50	20 42	0 11	21 43	1 21	12 25	10 0	21 4	21 17	25 58	17 3	3 3
F 11	3 47	13 54	5 5	7 37	1 56	2 48	1 22	15 15	1 8	1 26	1 35	20 27	1 50	20 42	0 11	21 43	1 21	12 25	10 0	21 6	21 18	25 58	17 3	3 3
S 12	3 23	18 47	4 58	6 49	1 52	2 17	1 22	15 0	1 8	1 23	1 35	20 27	1 50	20 42	0 11	21 43	1 21	12 25	10 0	21 7	21 18	25 57	17 2	3 4
S 13	3 0	22 38	4 33	6 0	1 48	1 47	1 21	14 45	1 9	1 20	1 35	20 27	1 50	20 42	0 11	21 43	1 20	12 26	10 0	21 9	21 19	25 57	17 2	3 4
M14	2 36	25 7	3 51	5 11	1 43	1 16	1 20	14 30	1 9	1 17	1 35	20 27	1 50	20 42	0 11	21 43	1 20	12 26	9 59	21 9	21 19	25 57	17 1	3 5
T 15	2 12	26 0	2 55	4 20	1 37	0 46	1 19	14 14	1 9	1 14	1 35	20 27	1 51	20 42	0 11	21 44	1 20	12 26	9 59	21 9	21 20	25 57	17 0	3 6
W16	1 49	25 11	1 48	3 28	1 31	0 15	1 18	13 59	1 9	1 11	1 35	20 27	1 51	20 42	0 11	21 44	1 20	12 26	9 59	21 9	21 20	25 56	17 0	3 6
T 17	1 25	22 47	0 35	2 35	1 24	0n15	1 17	13 43	1 10	1 8	1 36	20 27	1 51	20 42	0 11	21 44	1 20	12 27	9 59	21 9	21 21	25 56	16 59	3 7
F 18	1 1	19 1	0n39	1 41	1 17	0 46	1 16	13 27	1 10	1 5	1 36	20 27	1 51	20 42	0 11	21 44	1 20	12 27	9 58	21 9	21 21	25 56	16 58	3 7
S 19	0 38	14 14	1 51	0 46	1 9	1 17	1 15	13 11	1 10	1 2	1 36	20 27	1 51	20 42	0 11	21 44	1 20	12 27	9 58	21 10	21 22	25 55	16 58	3 8
S 20	0 14	8 45	2 55	0n 9	1 1	1 47	1 13	12 55	1 10	0 59	1 36	20 26	1 51	20 42	0 11	21 44	1 20	12 28	9 58	21 10	21 23	25 55	16 57	3 9
M21	0n10	2 56	3 49	1 5	0 52	2 18	1 12	12 39	1 11	0 56	1 36	20 26	1 51	20 41	0 11	21 44	1 20	12 28	9 58	21 12	21 23	25 55	16 56	3 9
T 22	0 33	2n55	4 28	2 2	0 43	2 48	1 11	12 22	1 11	0 53	1 36	20 26	1 51	20 41	0 11	21 44	1 20	12 28	9 57	21 13	21 24	25 54	16 55	3 10
W23	0 57	8 31	4 53	2 59	0 33	3 19	1 9	12 6	1 11	0 50	1 36	20 26	1 52	20 41	0 11	21 44	1 20	12 29	9 57	21 16	21 24	25 54	16 55	3 10
T 24	1 21	13 39	5 2	3 56	0 23	3 49	1 8	11 49	1 11	0 47	1 36	20 26	1 52	20 41	0 11	21 44	1 20	12 29	9 57	21 18	21 25	25 54	16 54	3 11
F 25	1 44	18 5	4 56	4 53	0 12	4 20	1 6	11 33	1 11	0 44	1 36	20 26	1 52	20 41	0 11	21 45	1 20	12 29	9 57	21 20	21 25	25 53	16 53	3 12
S 26	2 8	21 39	4 36	5 50	0 1	4 50	1 5	11 16	1 12	0 40	1 36	20 26	1 52	20 41	0 11	21 45	1 20	12 29	9 56	21 21	21 26	25 53	16 52	3 12
S 27	2 31	24 11	4 3	6 46	0n10	5 20	1 3	10 59	1 12	0 37	1 36	20 25	1 52	20 41	0 11	21 45	1 20	12 30	9 56	21 23	21 26	25 53	16 51	3 13
M28	2 55	25 35	3 21	7 42	0 21	5 50	1 2	10 42	1 12	0 34	1 36	20 25	1 52	20 40	0 11	21 45	1 20	12 30	9 56	21 24	21 27	25 52	16 50	3 13
T 29	3 18	25 49	2 30	8 36	0 33	6 20	1 0	10 25	1 12	0 31	1 36	20 25	1 52	20 40	0 11	21 45	1 20	12 30	9 56	21 24	21 27	25 52	16 49	3 14
W30	3 42	24 52	1 32	9 30	0 45	6 50	0 58	10 8	1 12	0 28	1 36	20 25	1 52	20 40	0 11	21 45	1 20	12 31	9 56	21 24	21 28	25 51	16 48	3 14
T 31	4n 5	22n47	0n31	10n22	0n57	7n20	0s56	9s50	1s13	0s25	1n36	20s25	1n53	20s40	0n11	21n45	1s20	12n31	9s55	21s24	21s28	25n51	16s47	3n15

Julian Day Number = 2414349.5, Delta T = -3.75 sec
Ecliptic obliquity = 23°27'13, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°19'05, Lahiri = 22°26'06

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ASTRODIENST EPHEMERIS for the year 1898
geocentric

APRIL 1898 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	12 37 30	11♈17'28	29♋44	26♈18	22♈13	8♓24	4°R37	12°R11	3°R19	20♊ 1	12♊57	23°R30	23♉ 3	23♊11	29°R 2	F 1
S 2	12 41 26	12°16'36	11♌59	28° 3	23°28	9°10	4♎29	12♐10	3♐17	20° 2	12°57	23♉29	23° 0	23°18	29♏ 0	S 2
S 3	12 45 23	13°15'42	24°33	29°45	24°42	9°57	4°22	12° 9	3°16	20° 3	12°58	23°26	22°57	23°25	28°58	S 3
M 4	12 49 19	14°14'45	7♍29	1♉23	25°56	10°44	4°14	12° 8	3°15	20° 4	12°59	23°20	22°54	23°31	28°55	M 4
T 5	12 53 16	15°13'46	20°50	2°56	27°10	11°31	4° 7	12° 6	3°14	20° 5	13° 0	23°11	22°50	23°38	28°53	T 5
W 6	12 57 12	16°12'45	4♎35	4°25	28°25	12°17	3°59	12° 5	3°12	20° 6	13° 1	23° 1	22°47	23°45	28°50	W 6
T 7	13 1 9	17°11'41	18°40	5°49	29°39	13° 4	3°52	12° 3	3°11	20° 7	13° 1	22°49	22°44	23°51	28°48	T 7
F 8	13 5 5	18°10'36	3♏ 2	7° 7	0♉53	13°51	3°45	12° 2	3° 9	20° 9	13° 2	22°37	22°41	23°58	28°45	F 8
S 9	13 9 2	19° 9'29	17°33	8°21	2° 7	14°37	3°37	12° 0	3° 8	20°10	13° 3	22°26	22°38	24° 5	28°42	S 9
S 10	13 12 59	20° 8'20	2♐ 8	9°28	3°21	15°24	3°30	11°58	3° 6	20°11	13° 4	22°18	22°34	24°11	28°40	S 10
M11	13 16 55	21° 7'10	16°38	10°30	4°35	16°11	3°23	11°56	3° 5	20°13	13° 5	22°13	22°31	24°18	28°37	M11
T 12	13 20 52	22° 5'57	1♑ 1	11°27	5°49	16°57	3°16	11°54	3° 3	20°14	13° 6	22°10	22°28	24°25	28°34	T 12
W13	13 24 48	23° 4'43	15°12	12°17	7° 3	17°44	3° 9	11°52	3° 1	20°15	13° 7	22° 9	22°25	24°31	28°31	W13
T 14	13 28 45	24° 3'27	29°12	13° 1	8°17	18°31	3° 2	11°50	2°59	20°17	13° 8	22° 9	22°22	24°38	28°28	T 14
F 15	13 32 41	25° 2'10	12♒59	13°39	9°31	19°17	2°55	11°48	2°58	20°18	13° 9	22° 9	22°19	24°45	28°24	F 15
S 16	13 36 38	26° 0'51	26°34	14°11	10°45	20° 4	2°49	11°45	2°56	20°19	13°10	22° 6	22°15	24°51	28°21	S 16
S 17	13 40 35	26°59'30	9♓59	14°37	11°59	20°50	2°42	11°43	2°54	20°21	13°11	22° 1	22°12	24°58	28°18	S 17
M18	13 44 31	27°58'07	23°12	14°56	13°13	21°37	2°36	11°40	2°52	20°22	13°12	21°53	22° 9	25° 5	28°14	M18
T 19	13 48 28	28°56'43	6♈14	15°10	14°27	22°23	2°29	11°38	2°50	20°24	13°13	21°42	22° 6	25°11	28°11	T 19
W20	13 52 24	29°55'16	19° 4	15°17	15°41	23°10	2°23	11°35	2°48	20°26	13°14	21°30	22° 3	25°18	28° 7	W20
T 21	13 56 21	0♉53'48	1♉42	15°R18	16°54	23°56	2°17	11°32	2°46	20°27	13°15	21°16	22° 0	25°25	28° 4	T 21
F 22	14 0 17	1°52'18	14° 7	15°14	18° 8	24°43	2°11	11°30	2°44	20°29	13°16	21° 3	21°56	25°31	28° 0	F 22
S 23	14 4 14	2°50'47	26°20	15° 5	19°22	25°29	2° 5	11°27	2°42	20°30	13°17	20°52	21°53	25°38	27°56	S 23
S 24	14 8 10	3°49'13	8♊23	14°50	20°36	26°16	2° 0	11°24	2°40	20°32	13°18	20°43	21°50	25°45	27°52	S 24
M25	14 12 7	4°47'37	20°17	14°30	21°49	27° 2	1°54	11°21	2°38	20°34	13°19	20°36	21°47	25°51	27°49	M25
T 26	14 16 3	5°45'59	2♋ 5	14° 6	23° 3	27°48	1°49	11°17	2°36	20°35	13°20	20°33	21°44	25°58	27°45	T 26
W27	14 20 0	6°44'20	13°53	13°38	24°17	28°35	1°43	11°14	2°34	20°37	13°21	20°31	21°40	26° 5	27°41	W27
T 28	14 23 57	7°42'38	25°44	13° 7	25°30	29°21	1°38	11°11	2°32	20°39	13°23	20°D31	21°37	26°11	27°37	T 28
F 29	14 27 53	8°40'54	7♌43	12°33	26°44	0♈ 7	1°33	11° 8	2°30	20°40	13°24	20°R32	21°34	26°18	27°33	F 29
S 30	14 31 50	9♉39'08	19♌57	11♉57	27♉58	0♈54	1♎28	11♐ 4	2♐27	20♊42	13♊25	20♉31	21♉31	26♊25	27♏29	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	4n28	19n41	0s33	11n13	1n 8	7n49	0s54	9s33	1s13	0s22	1n36	20s24	1n53	20s40	0n11	21n45	1s20	12n31	9s55	21s24	21s29	25n51	16s46	3n15
S 2	4 51	15 40	1 36	12 2	1 20	8 18	0 53	9 16	1 13	0 19	1 36	20 24	1 53	20 39	0 11	21 45	1 19	12 32	9 55	21 25	21 30	25 50	16 45	3 16
S 3	5 14	10 53	2 37	12 49	1 31	8 47	0 51	8 58	1 13	0 16	1 36	20 24	1 53	20 39	0 11	21 46	1 19	12 32	9 55	21 25	21 30	25 50	16 44	3 17
M 4	5 37	5 30	3 30	13 34	1 42	9 16	0 49	8 40	1 13	0 13	1 36	20 24	1 53	20 39	0 10	21 46	1 19	12 32	9 54	21 26	21 31	25 49	16 43	3 17
T 5	6 0	0s16	4 15	14 16	1 53	9 45	0 47	8 23	1 13	0 10	1 36	20 23	1 53	20 39	0 10	21 46	1 19	12 33	9 54	21 28	21 31	25 49	16 42	3 18
W 6	6 23	6 11	4 45	14 56	2 3	10 13	0 45	8 5	1 13	0 7	1 36	20 23	1 53	20 38	0 10	21 46	1 19	12 33	9 54	21 29	21 32	25 48	16 41	3 18
T 7	6 45	11 56	5 0	15 33	2 12	10 42	0 42	7 47	1 13	0 4	1 36	20 23	1 53	20 38	0 10	21 46	1 19	12 33	9 54	21 31	21 32	25 48	16 40	3 19
F 8	7 8	17 9	4 56	16 7	2 21	11 9	0 40	7 29	1 14	0 2	1 36	20 22	1 53	20 38	0 10	21 46	1 19	12 34	9 54	21 33	21 33	25 47	16 39	3 19
S 9	7 30	21 26	4 32	16 39	2 29	11 37	0 38	7 11	1 14	0n 1	1 35	20 22	1 54	20 37	0 10	21 46	1 19	12 34	9 53	21 35	21 33	25 47	16 38	3 20
S 10	7 53	24 23	3 52	17 8	2 37	12 5	0 36	6 53	1 14	0 4	1 35	20 22	1 54	20 37	0 10	21 47	1 19	12 34	9 53	21 36	21 34	25 46	16 37	3 20
M11	8 15	25 42	2 56	17 34	2 43	12 32	0 34	6 35	1 14	0 7	1 35	20 21	1 54	20 37	0 10	21 47	1 19	12 34	9 53	21 37	21 34	25 46	16 36	3 21
T 12	8 37	25 16	1 49	17 56	2 48	12 59	0 31	6 17	1 14	0 9	1 35	20 21	1 54	20 37	0 10	21 47	1 19	12 35	9 53	21 38	21 35	25 46	16 35	3 21
W13	8 59	23 12	0 37	18 16	2 53	13 25	0 29	5 59	1 14	0 12	1 35	20 21	1 54	20 36	0 10	21 47	1 19	12 35	9 52	21 38	21 35	25 45	16 33	3 22
T 14	9 20	19 43	0n37	18 33	2 56	13 51	0 27	5 41	1 14	0 15	1 35	20 20	1 54	20 36	0 10	21 47	1 19	12 35	9 52	21 38	21 36	25 45	16 32	3 22
F 15	9 42	15 12	1 48	18 47	2 58	14 17	0 24	5 23	1 14	0 17	1 35	20 20	1 54	20 36	0 10	21 47	1 19	12 36	9 52	21 38	21 36	25 44	16 31	3 23
S 16	10 3	9 59	2 51	18 57	2 59	14 43	0 22	5 4	1 14	0 20	1 35	20 19	1 54	20 35	0 10	21 47	1 19	12 36	9 52	21 38	21 37	25 43	16 30	3 23
S 17	10 24	4 22	3 44	19 5	2 59	15 8	0 20	4 46	1 14	0 22	1 35	20 19	1 54	20 35	0 10	21 48	1 19	12 36	9 52	21 39	21 37	25 43	16 29	3 24
M18	10 45	1n20	4 24	19 9	2 58	15 33	0 17	4 28	1 14	0 25	1 35	20 19	1 54	20 34	0 10	21 48	1 19	12 37	9 51	21 40	21 38	25 42	16 27	3 24
T 19	11 6	6 54	4 50	19 10	2 55	15 57	0 15	4 9	1 14	0 27	1 34	20 18	1 55	20 34	0 10	21 48	1 19	12 37	9 51	21 42	21 38	25 42	16 26	3 25
W20	11 27	12 5	5 0	19 9	2 51	16 21	0 12	3 51	1 14	0 30	1 34	20 18	1 55	20 34	0 10	21 48	1 19	12 37	9 51	21 44	21 39	25 41	16 25	3 25
T 21	11 48	16 41	4 55	19 4	2 45	16 44	0 10	3 32	1 14	0 32	1 34	20 17	1 55	20 33	0 10	21 48	1 19	12 38	9 51	21 46	21 39	25 41	16 24	3 26
F 22	12 8	20 29	4 37	18 56	2 38	17 8	0 7	3 14	1 14	0 34	1 34	20 17	1 55	20 33	0 10	21 48	1 19	12 38	9 51	21 48	21 40	25 40	16 22	3 26
S 23	12 28	23 19	4 6	18 45	2 30	17 30	0 5	2 56	1 14	0 36	1 34	20 16	1 55	20 33	0 10	21 48	1 19	12 38	9 51	21 50	21 40	25 40	16 21	3 27
S 24	12 48	25 4	3 24	18 32	2 20	17 53	0 2	2 37	1 14	0 38	1 34	20 16	1 55	20 32	0 10	21 49	1 18	12 38	9 50	21 51	21 41	25 39	16 20	3 27
M25	13 8	25 39	2 33	18 16	2 10	18 14	0n 0	2 19	1 14	0 40	1 34	20 15	1 55	20 32	0 10	21 49	1 18	12 39	9 50	21 52	21 41	25 39	16 19	3 28
T 26	13 27	25 2	1 36	17 57	1 58	18 36	0 3	2 0	1 14	0 42	1 33	20 15	1 55	20 31	0 10	21 49	1 18	12 39	9 50	21 53	21 42	25 38	16 17	3 28
W27	13 46	23 19	0 35	17 36	1 44	18 56	0 5	1 42	1 14	0 44	1 33	20 14	1 55	20 31	0 10	21 49	1 18	12 39	9 50	21 53	21 42	25 37	16 16	3 29
T 28	14 5	20 33	0s28	17 13	1 30	19 17	0 8	1 23	1 14	0 46	1 33	20 14	1 55	20 31	0 10	21 49	1 18	12 40	9 50	21 53	21 43	25 37	16 15	3 29
F 29	14 24	16 54	1 30	16 48	1 15	19 37	0 11	1 5	1 14	0 48	1 33	20 13	1 55	20 30	0 10	21 49	1 18	12 40	9 50	21 53	21 43	25 36	16 13	3 29
S 30	14n43	12n28	2s30	16n22	0n59	19n56	0n13	0s46	1s14	0n50	1n33	20s13	1n55	20s30	0n10	21n50	1s18	12n40	9s49	21s53	21s44	25n36	16s12	3n30

Julian Day Number = 2414380.5, Delta T = -3.68 sec
Ecliptic obliquity = 23°27'13, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°19'09, Lahiri = 22°26'10

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ASTRODIENST EPHEMERIS for the year 1898
geocentric

MAY 1898 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	14 35 46	10♉37'20	2♍30	11°R19	29♉11	1♈40	1°R24	11°R 1	2°R25	20♊44	13♊26	20°R29	21♑28	26♊31	27°R24	S 1
M 2	14 39 43	11°35'29	15°27	10♉41	0♊25	2°26	1♎19	10♐57	2♐23	20°46	13°27	20♑25	21°25	26°38	27♏20	M 2
T 3	14 43 39	12°33'37	28°52	10° 3	1°38	3°12	1°15	10°54	2°21	20°48	13°29	20°18	21°21	26°45	27°16	T 3
W 4	14 47 36	13°31'43	12♎44	9°25	2°52	3°58	1°10	10°50	2°18	20°50	13°30	20° 9	21°18	26°51	27°12	W 4
T 5	14 51 32	14°29'48	27° 2	8°49	4° 5	4°44	1° 6	10°46	2°16	20°51	13°31	19°59	21°15	26°58	27° 8	T 5
F 6	14 55 29	15°27'50	11♏41	8°14	5°18	5°30	1° 2	10°43	2°14	20°53	13°32	19°50	21°12	27° 5	27° 3	F 6
S 7	14 59 26	16°25'51	26°33	7°42	6°32	6°16	0°59	10°39	2°11	20°55	13°33	19°41	21° 9	27°11	26°59	S 7
S 8	15 3 22	17°23'50	11♐31	7°13	7°45	7° 2	0°55	10°35	2° 9	20°57	13°35	19°34	21° 6	27°18	26°55	S 8
M 9	15 7 19	18°21'48	26°25	6°47	8°58	7°48	0°52	10°31	2° 7	20°59	13°36	19°30	21° 2	27°25	26°50	M 9
T 10	15 11 15	19°19'45	11♑ 7	6°25	10°11	8°34	0°49	10°27	2° 4	21° 1	13°37	19°28	20°59	27°31	26°46	T 10
W11	15 15 12	20°17'40	25°34	6° 7	11°25	9°20	0°45	10°23	2° 2	21° 3	13°39	19°D27	20°56	27°38	26°42	W11
T 12	15 19 8	21°15'34	9♒41	5°54	12°38	10° 6	0°43	10°19	1°59	21° 5	13°40	19°28	20°53	27°45	26°37	T 12
F 13	15 23 5	22°13'27	23°30	5°44	13°51	10°52	0°40	10°15	1°57	21° 7	13°41	19°R29	20°50	27°51	26°33	F 13
S 14	15 27 1	23°11'18	6♓59	5°39	15° 4	11°38	0°37	10°11	1°54	21° 9	13°42	19°28	20°46	27°58	26°28	S 14
S 15	15 30 58	24° 9'08	20°12	5°D39	16°17	12°23	0°35	10° 7	1°52	21°11	13°44	19°25	20°43	28° 4	26°24	S 15
M16	15 34 55	25° 6'57	3♈10	5°44	17°30	13° 9	0°33	10° 2	1°50	21°13	13°45	19°19	20°40	28°11	26°19	M16
T 17	15 38 51	26° 4'45	15°54	5°52	18°43	13°55	0°31	9°58	1°47	21°15	13°46	19°12	20°37	28°18	26°15	T 17
W18	15 42 48	27° 2'32	28°26	6° 6	19°56	14°40	0°29	9°54	1°45	21°17	13°48	19° 3	20°34	28°24	26°11	W18
T 19	15 46 44	28° 0'17	10♉47	6°24	21° 9	15°26	0°27	9°50	1°42	21°19	13°49	18°54	20°31	28°31	26° 6	T 19
F 20	15 50 41	28°58'02	22°58	6°46	22°22	16°11	0°26	9°45	1°40	21°21	13°50	18°45	20°27	28°38	26° 2	F 20
S 21	15 54 37	29°55'45	5♊ 0	7°13	23°35	16°57	0°25	9°41	1°37	21°23	13°52	18°37	20°24	28°44	25°57	S 21
S 22	15 58 34	0♊53'26	16°55	7°44	24°48	17°42	0°23	9°37	1°35	21°26	13°53	18°30	20°21	28°51	25°53	S 22
M23	16 2 30	1°51'07	28°45	8°18	26° 1	18°28	0°23	9°32	1°32	21°28	13°54	18°26	20°18	28°58	25°48	M23
T 24	16 6 27	2°48'46	10♋32	8°57	27°14	19°13	0°22	9°28	1°30	21°30	13°56	18°24	20°15	29° 4	25°44	T 24
W25	16 10 24	3°46'23	22°19	9°40	28°27	19°58	0°21	9°23	1°27	21°32	13°57	18°D24	20°11	29°11	25°40	W25
T 26	16 14 20	4°43'59	4♌10	10°26	29°40	20°43	0°21	9°19	1°25	21°34	13°58	18°25	20° 8	29°18	25°35	T 26
F 27	16 18 17	5°41'34	16°10	11°16	0♋52	21°29	0°21	9°15	1°22	21°36	14° 0	18°26	20° 5	29°24	25°31	F 27
S 28	16 22 13	6°39'07	28°23	12°10	2° 5	22°14	0°D21	9°10	1°20	21°38	14° 1	18°27	20° 2	29°31	25°27	S 28
S 29	16 26 10	7°36'39	10♍55	13° 6	3°18	22°59	0°21	9° 6	1°17	21°41	14° 3	18°R28	19°59	29°38	25°22	S 29
M30	16 30 6	8°34'10	23°49	14° 7	4°30	23°44	0°21	9° 1	1°15	21°43	14° 4	18°26	19°56	29°44	25°18	M30
T 31	16 34 3	9♊31'39	7♎ 9	15♉10	5♋43	24♈29	0♎22	8♐57	1♐12	21♊45	14♊ 5	18♑24	19♑52	29♊51	25♏14	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	15n 1	7n25	3s24	15n55	0n43	20n15	0n16	0s28	1s13	0n52	1n32	20s12	1n55	20s29	0n10	21n50	1s18	12n41	9s49	21s53	21s44	25n35	16s11	3n30
M 2	15 19	1 54	4 9	15 27	0 26	20 33	0 18	0 9	1 13	0 53	1 32	20 12	1 55	20 29	0 10	21 50	1 18	12 41	9 49	21 54	21 45	25 34	16 9	3 31
T 3	15 37	3s52	4 43	14 58	0 9	20 51	0 21	0n 9	1 13	0 55	1 32	20 11	1 55	20 28	0 10	21 50	1 18	12 41	9 49	21 55	21 45	25 34	16 8	3 31
W 4	15 55	9 39	5 1	14 30	0s 9	21 8	0 23	0 28	1 13	0 56	1 32	20 11	1 55	20 28	0 10	21 50	1 18	12 41	9 49	21 56	21 46	25 33	16 7	3 31
T 5	16 12	15 6	5 1	14 2	0 26	21 24	0 26	0 46	1 13	0 58	1 32	20 10	1 55	20 27	0 10	21 50	1 18	12 42	9 49	21 58	21 46	25 32	16 5	3 32
F 6	16 29	19 49	4 42	13 35	0 43	21 40	0 29	1 4	1 13	0 59	1 31	20 10	1 55	20 27	0 10	21 51	1 18	12 42	9 48	21 59	21 47	25 32	16 4	3 32
S 7	16 46	23 20	4 3	13 8	1 0	21 55	0 31	1 23	1 13	1 0	1 31	20 9	1 55	20 27	0 10	21 51	1 18	12 42	9 48	22 1	21 47	25 31	16 3	3 32
S 8	17 2	25 17	3 8	12 44	1 16	22 10	0 34	1 41	1 13	1 2	1 31	20 8	1 56	20 26	0 10	21 51	1 18	12 42	9 48	22 2	21 48	25 30	16 2	3 33
M 9	17 18	25 24	2 0	12 20	1 32	22 24	0 36	1 59	1 12	1 3	1 31	20 8	1 56	20 26	0 10	21 51	1 18	12 43	9 48	22 2	21 48	25 30	16 0	3 33
T 10	17 34	23 44	0 44	11 59	1 47	22 38	0 39	2 18	1 12	1 4	1 31	20 7	1 56	20 25	0 10	21 51	1 18	12 43	9 48	22 2	21 49	25 29	15 59	3 34
W11	17 50	20 30	0n33	11 40	2 1	22 51	0 41	2 36	1 12	1 5	1 30	20 7	1 56	20 25	0 10	21 51	1 18	12 43	9 48	22 2	21 49	25 28	15 58	3 34
T 12	18 5	16 8	1 46	11 23	2 14	23 3	0 44	2 54	1 12	1 6	1 30	20 6	1 56	20 24	0 10	21 52	1 18	12 44	9 48	22 2	21 50	25 28	15 56	3 34
F 13	18 20	10 59	2 52	11 8	2 26	23 14	0 46	3 12	1 12	1 7	1 30	20 6	1 56	20 24	0 10	21 52	1 18	12 44	9 48	22 2	21 50	25 27	15 55	3 34
S 14	18 35	5 27	3 46	10 56	2 38	23 25	0 49	3 30	1 11	1 7	1 30	20 5	1 56	20 23	0 10	21 52	1 18	12 44	9 47	22 2	21 51	25 26	15 54	3 35
S 15	18 49	0n13	4 28	10 46	2 48	23 36	0 51	3 48	1 11	1 8	1 29	20 4	1 56	20 23	0 10	21 52	1 18	12 44	9 47	22 3	21 51	25 25	15 52	3 35
M16	19 3	5 45	4 54	10 39	2 57	23 45	0 53	4 6	1 11	1 9	1 29	20 4	1 56	20 22	0 10	21 52	1 18	12 45	9 47	22 4	21 52	25 25	15 51	3 35
T 17	19 17	10 57	5 6	10 34	3 5	23 54	0 56	4 24	1 11	1 9	1 29	20 3	1 56	20 22	0 10	21 52	1 18	12 45	9 47	22 5	21 52	25 24	15 50	3 36
W18	19 31	15 37	5 2	10 32	3 13	24 2	0 58	4 42	1 11	1 10	1 29	20 3	1 56	20 21	0 10	21 52	1 18	12 45	9 47	22 6	21 53	25 23	15 48	3 36
T 19	19 44	19 34	4 44	10 32	3 19	24 10	1 0	5 0	1 10	1 10	1 28	20 2	1 56	20 21	0 10	21 53	1 18	12 45	9 47	22 7	21 53	25 23	15 47	3 36
F 20	19 56	22 37	4 14	10 34	3 24	24 17	1 3	5 18	1 10	1 11	1 28	20 1	1 56	20 20	0 10	21 53	1 18	12 46	9 47	22 8	21 54	25 22	15 46	3 36
S 21	20 9	24 37	3 32	10 39	3 28	24 23	1 5	5 35	1 10	1 11	1 28	20 1	1 56	20 20	0 10	21 53	1 18	12 46	9 47	22 10	21 54	25 21	15 45	3 37
S 22	20 21	25 29	2 42	10 45	3 32	24 28	1 7	5 53	1 9	1 11	1 28	20 0	1 55	20 19	0 10	21 53	1 18	12 46	9 47	22 10	21 55	25 20	15 43	3 37
M23	20 33	25 11	1 44	10 54	3 34	24 33	1 9	6 10	1 9	1 11	1 28	19 59	1 55	20 19	0 10	21 53	1 18	12 46	9 47	22 11	21 55	25 20	15 42	3 37
T 24	20 44	23 44	0 42	11 5	3 36	24 37	1 11	6 28	1 9	1 11	1 27	19 59	1 55	20 18	0 10	21 53	1 18	12 47	9 47	22 11	21 56	25 19	15 41	3 37
W25	20 55	21 15	0s21	11 18	3 36	24 40	1 13	6 45	1 9	1 11	1 27	19 58	1 55	20 18	0 10	21 54	1 18	12 47	9 46	22 11	21 56	25 18	15 40	3 38
T 26	21 6	17 51	1 25	11 32	3 36	24 43	1 15	7 2	1 8	1 11	1 27	19 58	1 55	20 17	0 10	21 54	1 18	12 47	9 46	22 11	21 57	25 17	15 38	3 38
F 27	21 16	13 41	2 25	11 48	3 35	24 44	1 17	7 20	1 8	1 11	1 27	19 57	1 55	20 17	0 10	21 54	1 17	12 47	9 46	22 11	21 57	25 16	15 37	3 38
S 28	21 26	8 55	3 20	12 6	3 34	24 45	1 19	7 37	1 8	1 11	1 26	19 56	1 55	20 16	0 10	21 54	1 17	12 47	9 46	22 11	21 57	25 16	15 36	3 38
S 29	21 36	3 40	4 7	12 25	3 31	24 46	1 21	7 54	1 7	1 11	1 26	19 56	1 55	20 16	0 10	21 54	1 17	12 48	9 46	22 11	21 58	25 15	15 35	3 38
M30	21 45	1s52	4 43	12 46	3 28	24 46	1 23	8 11	1 7	1 10	1 26	19 55	1 55	20 15	0 10	21 54	1 17	12 48	9 46	22 11	21 58	25 14	15 34	3 39
T 31	21n54	7s31	5s 5	13n 8	3s24	24n45	1n25	8n28	1s 7	1n10	1n26	19s55	1n55	20s15	0n10	21n55	1s17	12n48	9s46	22s11	21s59	25n13	15s32	3n39

Julian Day Number = 2414410.5, Delta T = -3.62 sec
Ecliptic obliquity = 23°27'13, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°19'14, Lahiri = 22°26'14

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ASTRODIENST EPHEMERIS for the year 1898
geocentric

JUNE 1898 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	16 37 59	10♊29'07	20♎58	16♉17	6♋55	25♈14	0♎22	8°R52	1°R10	21♊47	14♊ 7	18°R19	19♑49	29♊58	25°R10	W 1
T 2	16 41 56	11°26'33	5♏16	17°26	8° 8	25°59	0°23	8♐48	1♐ 7	21°49	14° 8	18♑14	19°46	0♋ 4	25♏ 6	T 2
F 3	16 45 53	12°23'59	19°58	18°39	9°20	26°43	0°24	8°44	1° 5	21°52	14°10	18° 9	19°43	0°11	25° 2	F 3
S 4	16 49 49	13°21'24	4♐58	19°55	10°33	27°28	0°26	8°39	1° 3	21°54	14°11	18° 4	19°40	0°18	24°58	S 4
S 5	16 53 46	14°18'47	20° 8	21°13	11°45	28°13	0°27	8°35	1° 0	21°56	14°12	18° 1	19°37	0°24	24°54	S 5
M 6	16 57 42	15°16'10	5♑18	22°35	12°58	28°58	0°29	8°30	0°58	21°58	14°14	17°59	19°33	0°31	24°50	M 6
T 7	17 1 39	16°13'32	20°18	24° 0	14°10	29°42	0°30	8°26	0°55	22° 1	14°15	17°D58	19°30	0°38	24°46	T 7
W 8	17 5 35	17°10'54	5♒ 2	25°27	15°22	0♉27	0°32	8°21	0°53	22° 3	14°16	17°59	19°27	0°44	24°42	W 8
T 9	17 9 32	18° 8'15	19°24	26°57	16°34	1°11	0°35	8°17	0°51	22° 5	14°18	18° 0	19°24	0°51	24°38	T 9
F 10	17 13 29	19° 5'35	3♓21	28°30	17°47	1°56	0°37	8°13	0°48	22° 7	14°19	18° 2	19°21	0°58	24°34	F 10
S 11	17 17 25	20° 2'55	16°55	0♊ 6	18°59	2°40	0°39	8° 8	0°46	22° 9	14°21	18°R 2	19°17	1° 4	24°30	S 11
S 12	17 21 22	21° 0'14	0♈ 7	1°45	20°11	3°24	0°42	8° 4	0°44	22°12	14°22	18° 2	19°14	1°11	24°27	S 12
M13	17 25 18	21°57'33	12°58	3°26	21°23	4° 9	0°45	8° 0	0°41	22°14	14°23	18° 1	19°11	1°17	24°23	M13
T 14	17 29 15	22°54'52	25°32	5°10	22°35	4°53	0°48	7°56	0°39	22°16	14°25	17°58	19° 8	1°24	24°20	T 14
W15	17 33 11	23°52'10	7♉52	6°57	23°47	5°37	0°51	7°52	0°37	22°18	14°26	17°55	19° 5	1°31	24°16	W15
T 16	17 37 8	24°49'28	20° 1	8°46	24°59	6°21	0°54	7°47	0°35	22°21	14°27	17°51	19° 2	1°37	24°13	T 16
F 17	17 41 4	25°46'45	2♊ 1	10°39	26°11	7° 5	0°58	7°43	0°33	22°23	14°29	17°47	18°58	1°44	24° 9	F 17
S 18	17 45 1	26°44'03	13°55	12°33	27°23	7°49	1° 1	7°39	0°30	22°25	14°30	17°44	18°55	1°51	24° 6	S 18
S 19	17 48 58	27°41'19	25°44	14°30	28°35	8°33	1° 5	7°35	0°28	22°27	14°32	17°42	18°52	1°57	24° 3	S 19
M20	17 52 54	28°38'36	7♋32	16°29	29°46	9°17	1° 9	7°31	0°26	22°30	14°33	17°41	18°49	2° 4	24° 0	M20
T 21	17 56 51	29°35'52	19°19	18°31	0♌58	10° 1	1°13	7°27	0°24	22°32	14°34	17°D40	18°46	2°11	23°57	T 21
W22	18 0 47	0♋33'07	1♌ 9	20°34	2°10	10°44	1°17	7°23	0°22	22°34	14°36	17°41	18°43	2°17	23°54	W22
T 23	18 4 44	1°30'22	13° 5	22°40	3°22	11°28	1°22	7°19	0°20	22°36	14°37	17°42	18°39	2°24	23°51	T 23
F 24	18 8 40	2°27'36	25° 9	24°47	4°33	12°11	1°26	7°16	0°18	22°38	14°38	17°43	18°36	2°31	23°48	F 24
S 25	18 12 37	3°24'50	7♍25	26°55	5°45	12°55	1°31	7°12	0°16	22°41	14°40	17°44	18°33	2°37	23°45	S 25
S 26	18 16 33	4°22'03	19°58	29° 4	6°56	13°38	1°36	7° 8	0°14	22°43	14°41	17°45	18°30	2°44	23°43	S 26
M27	18 20 30	5°19'16	2♎50	1♋14	8° 8	14°22	1°41	7° 4	0°12	22°45	14°42	17°R46	18°27	2°51	23°40	M27
T 28	18 24 27	6°16'28	16° 6	3°25	9°19	15° 5	1°46	7° 1	0°10	22°47	14°44	17°46	18°23	2°57	23°38	T 28
W29	18 28 23	7°13'40	29°48	5°36	10°31	15°48	1°52	6°57	0° 9	22°49	14°45	17°45	18°20	3° 4	23°35	W29
T 30	18 32 20	8♋10'51	13♏55	7♋47	11♌42	16♉31	1♎57	6♐54	0♐ 7	22♊52	14♊46	17♑44	18♑17	3♋11	23♏33	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	22n 2	12s59	5s11	13n32	3s19	24n43	1n27	8n44	1s 6	1n 9	1n25	19s54	1n55	20s14	0n10	21n55	1s17	12n48	9s46	22s12	21s59	25n12	15s31	3n39
T 2	22 10	17 57	4 58	13 56	3 14	24 40	1 28	9 1	1 6	1 9	1 25	19 53	1 55	20 14	0 10	21 55	1 17	12 49	9 46	22 13	22 0	25 11	15 30	3 39
F 3	22 18	21 59	4 25	14 22	3 8	24 37	1 30	9 18	1 6	1 8	1 25	19 53	1 55	20 13	0 10	21 55	1 17	12 49	9 46	22 13	22 0	25 11	15 29	3 39
S 4	22 25	24 38	3 33	14 48	3 2	24 33	1 31	9 34	1 5	1 7	1 25	19 52	1 55	20 13	0 10	21 55	1 17	12 49	9 46	22 14	22 1	25 10	15 28	3 39
S 5	22 32	25 31	2 26	15 16	2 55	24 29	1 33	9 50	1 5	1 7	1 24	19 51	1 55	20 12	0 10	21 55	1 17	12 49	9 46	22 14	22 1	25 9	15 27	3 40
M 6	22 38	24 30	1 9	15 44	2 48	24 23	1 34	10 6	1 4	1 6	1 24	19 51	1 55	20 12	0 10	21 55	1 17	12 49	9 46	22 15	22 2	25 8	15 26	3 40
T 7	22 44	21 42	0n13	16 12	2 39	24 17	1 36	10 23	1 4	1 5	1 24	19 50	1 55	20 11	0 10	21 56	1 17	12 49	9 46	22 15	22 2	25 7	15 25	3 40
W 8	22 50	17 32	1 32	16 41	2 31	24 10	1 37	10 39	1 4	1 4	1 24	19 50	1 54	20 11	0 10	21 56	1 17	12 50	9 46	22 15	22 3	25 6	15 24	3 40
T 9	22 55	12 25	2 44	17 11	2 22	24 3	1 38	10 54	1 3	1 3	1 23	19 49	1 54	20 11	0 10	21 56	1 17	12 50	9 46	22 14	22 3	25 5	15 23	3 40
F 10	23 0	6 48	3 44	17 41	2 13	23 55	1 40	11 10	1 3	1 2	1 23	19 49	1 54	20 10	0 10	21 56	1 17	12 50	9 46	22 14	22 3	25 5	15 22	3 40
S 11	23 5	1 2	4 29	18 11	2 3	23 46	1 41	11 26	1 2	1 0	1 23	19 48	1 54	20 10	0 10	21 56	1 17	12 50	9 46	22 14	22 4	25 4	15 21	3 40
S 12	23 9	4n37	4 59	18 41	1 53	23 37	1 42	11 41	1 2	0 59	1 23	19 47	1 54	20 9	0 10	21 56	1 17	12 50	9 46	22 14	22 4	25 3	15 20	3 40
M13	23 13	9 55	5 13	19 11	1 42	23 27	1 43	11 57	1 1	0 58	1 22	19 47	1 54	20 9	0 10	21 56	1 17	12 51	9 46	22 14	22 5	25 2	15 19	3 40
T 14	23 16	14 42	5 11	19 40	1 31	23 16	1 44	12 12	1 1	0 56	1 22	19 46	1 54	20 8	0 10	21 57	1 17	12 51	9 46	22 15	22 5	25 1	15 18	3 40
W15	23 19	18 48	4 55	20 10	1 20	23 4	1 45	12 27	1 0	0 55	1 22	19 46	1 54	20 8	0 10	21 57	1 17	12 51	9 46	22 15	22 6	25 0	15 17	3 41
T 16	23 21	22 2	4 26	20 38	1 9	22 52	1 45	12 42	1 0	0 53	1 22	19 45	1 54	20 7	0 10	21 57	1 17	12 51	9 46	22 16	22 6	24 59	15 16	3 41
F 17	23 23	24 16	3 46	21 6	0 58	22 40	1 46	12 57	0 59	0 52	1 21	19 45	1 53	20 7	0 10	21 57	1 17	12 51	9 46	22 16	22 7	24 58	15 15	3 41
S 18	23 25	25 23	2 56	21 33	0 47	22 26	1 47	13 12	0 59	0 50	1 21	19 44	1 53	20 6	0 10	21 57	1 17	12 51	9 46	22 17	22 7	24 57	15 14	3 41
S 19	23 26	25 21	1 58	21 58	0 35	22 12	1 47	13 26	0 58	0 48	1 21	19 44	1 53	20 6	0 10	21 57	1 17	12 51	9 46	22 17	22 7	24 56	15 14	3 41
M20	23 27	24 10	0 56	22 22	0 24	21 58	1 48	13 41	0 58	0 46	1 21	19 43	1 53	20 6	0 10	21 57	1 17	12 52	9 46	22 17	22 8	24 55	15 13	3 41
T 21	23 27	21 55	0s 9	22 45	0 12	21 43	1 48	13 55	0 57	0 45	1 20	19 43	1 53	20 5	0 10	21 57	1 17	12 52	9 46	22 17	22 8	24 54	15 12	3 41
W22	23 27	18 43	1 14	23 6	0 1	21 27	1 48	14 9	0 57	0 43	1 20	19 42	1 53	20 5	0 10	21 58	1 17	12 52	9 46	22 17	22 9	24 53	15 11	3 41
T 23	23 27	14 44	2 16	23 25	0n10	21 11	1 49	14 23	0 56	0 41	1 20	19 42	1 53	20 4	0 10	21 58	1 17	12 52	9 46	22 17	22 9	24 53	15 11	3 41
F 24	23 26	10 7	3 13	23 41	0 20	20 54	1 49	14 37	0 56	0 39	1 20	19 41	1 52	20 4	0 10	21 58	1 17	12 52	9 46	22 17	22 10	24 52	15 10	3 41
S 25	23 25	5 3	4 2	23 56	0 31	20 36	1 49	14 51	0 55	0 37	1 19	19 41	1 52	20 4	0 10	21 58	1 17	12 52	9 46	22 17	22 10	24 51	15 9	3 41
S 26	23 23	0s20	4 41	24 8	0 41	20 18	1 49	15 4	0 55	0 34	1 19	19 40	1 52	20 3	0 10	21 58	1 17	12 52	9 46	22 16	22 11	24 50	15 9	3 41
M27	23 21	5 49	5 7	24 17	0 50	20 0	1 49	15 18	0 54	0 32	1 19	19 40	1 52	20 3	0 10	21 58	1 17	12 52	9 46	22 16	22 11	24 49	15 8	3 41
T 28	23 18	11 13	5 17	24 23	0 59	19 41	1 49	15 31	0 53	0 30	1 19	19 39	1 52	20 2	0 10	21 58	1 17	12 53	9 46	22 16	22 11	24 48	15 7	3 41
W29	23 15	16 14	5 10	24 27	1 7	19 21	1 48	15 44	0 53	0 28	1 18	19 39	1 52	20 2	0 10	21 58	1 17	12 53	9 46	22 17	22 12	24 47	15 7	3 41
T 30	23n12	20s33	4s45	24n28	1n15	19n 1	1n48	15n57	0s52	0n25	1n18	19s38	1n52	20s 2	0n10	21n59	1s17	12n53	9s46	22s17	22s12	24n46	15s 6	3n41

Julian Day Number = 2414441.5, Delta T = -3.55 sec
Ecliptic obliquity = 23°27'12, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°19'18, Lahiri = 22°26'18

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1898
geocentric

JULY 1898 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	18 36 16	9♋ 8'02	28♏28	9♋57	12♌53	17♉14	2♎ 3	6°R50	0°R 5	22♊54	14♊47	17°R43	18♐14	3♋17	23°R31	F 1
S 2	18 40 13	10° 5'13	13♐21	12° 7	14° 4	17°57	2° 9	6♐47	0♐ 3	22°56	14°49	17♐42	18°11	3°24	23♏28	S 2
S 3	18 44 9	11° 2'24	28°27	14°16	15°15	18°40	2°15	6°44	0° 2	22°58	14°50	17°42	18° 8	3°30	23°26	S 3
M 4	18 48 6	11°59'35	13♑39	16°25	16°26	19°23	2°21	6°41	29♏59	23° 0	14°51	17°D41	18° 4	3°37	23°24	M 4
T 5	18 52 2	12°56'46	28°47	18°32	17°37	20° 6	2°27	6°37	29°58	23° 2	14°52	17°41	18° 1	3°44	23°23	T 5
W 6	18 55 59	13°53'56	13♒41	20°37	18°48	20°48	2°33	6°34	29°57	23° 5	14°54	17°42	17°58	3°50	23°21	W 6
T 7	18 59 56	14°51'07	28°15	22°42	19°59	21°31	2°40	6°31	29°55	23° 7	14°55	17°42	17°55	3°57	23°19	T 7
F 8	19 3 52	15°48'19	12♓24	24°44	21°10	22°14	2°46	6°28	29°54	23° 9	14°56	17°42	17°52	4° 4	23°17	F 8
S 9	19 7 49	16°45'30	26° 6	26°45	22°21	22°56	2°53	6°25	29°52	23°11	14°57	17°42	17°49	4°10	23°16	S 9
S 10	19 11 45	17°42'43	9♈22	28°44	23°32	23°38	3° 0	6°23	29°51	23°13	14°59	17°R42	17°45	4°17	23°14	S 10
M11	19 15 42	18°39'55	22°15	0♌42	24°42	24°21	3° 7	6°20	29°50	23°15	15° 0	17°D42	17°42	4°24	23°13	M11
T 12	19 19 38	19°37'08	4♉46	2°38	25°53	25° 3	3°14	6°17	29°48	23°17	15° 1	17°42	17°39	4°30	23°12	T 12
W13	19 23 35	20°34'22	17° 2	4°31	27° 3	25°45	3°22	6°15	29°47	23°19	15° 2	17°43	17°36	4°37	23°11	W13
T 14	19 27 31	21°31'37	29° 4	6°23	28°14	26°27	3°29	6°12	29°46	23°21	15° 3	17°43	17°33	4°44	23°10	T 14
F 15	19 31 28	22°28'52	10♊58	8°14	29°24	27° 9	3°37	6°10	29°44	23°23	15° 4	17°43	17°29	4°50	23° 9	F 15
S 16	19 35 25	23°26'07	22°47	10° 2	0♍34	27°51	3°44	6° 8	29°43	23°25	15° 6	17°44	17°26	4°57	23° 8	S 16
S 17	19 39 21	24°23'24	4♋34	11°48	1°45	28°33	3°52	6° 5	29°42	23°27	15° 7	17°44	17°23	5° 4	23° 7	S 17
M18	19 43 18	25°20'40	16°22	13°33	2°55	29°15	4° 0	6° 3	29°41	23°29	15° 8	17°R45	17°20	5°10	23° 7	M18
T 19	19 47 14	26°17'57	28°13	15°16	4° 5	29°56	4° 8	6° 1	29°40	23°31	15° 9	17°44	17°17	5°17	23° 6	T 19
W20	19 51 11	27°15'15	10♌10	16°56	5°15	0♊38	4°16	5°59	29°39	23°33	15°10	17°44	17°14	5°24	23° 6	W20
T 21	19 55 7	28°12'33	22°15	18°36	6°25	1°19	4°24	5°57	29°38	23°35	15°11	17°43	17°10	5°30	23° 5	T 21
F 22	19 59 4	29° 9'52	4♍30	20°13	7°35	2° 1	4°33	5°56	29°37	23°37	15°12	17°41	17° 7	5°37	23° 5	F 22
S 23	20 3 1	0♌ 7'11	16°57	21°48	8°45	2°42	4°41	5°54	29°37	23°39	15°13	17°40	17° 4	5°43	23° 5	S 23
S 24	20 6 57	1° 4'30	29°38	23°22	9°54	3°23	4°50	5°52	29°36	23°41	15°14	17°38	17° 1	5°50	23°D 5	S 24
M25	20 10 54	2° 1'50	12♎35	24°53	11° 4	4° 4	4°58	5°51	29°35	23°42	15°15	17°37	16°58	5°57	23° 5	M25
T 26	20 14 50	2°59'10	25°50	26°23	12°14	4°45	5° 7	5°49	29°34	23°44	15°16	17°36	16°55	6° 3	23° 5	T 26
W27	20 18 47	3°56'31	9♏26	27°51	13°23	5°26	5°16	5°48	29°34	23°46	15°17	17°D36	16°51	6°10	23° 5	W27
T 28	20 22 43	4°53'52	23°22	29°17	14°32	6° 7	5°25	5°47	29°33	23°48	15°18	17°37	16°48	6°17	23° 6	T 28
F 29	20 26 40	5°51'14	7♐39	0♍41	15°42	6°48	5°34	5°46	29°33	23°50	15°19	17°38	16°45	6°23	23° 6	F 29
S 30	20 30 36	6°48'36	22°15	2° 3	16°51	7°28	5°44	5°44	29°32	23°51	15°20	17°39	16°42	6°30	23° 7	S 30
S 31	20 34 33	7♌45'59	7♑ 6	3♍23	18♍ 0	8♊ 9	5♎53	5♐43	29♏32	23♊53	15♊21	17♑40	16♑39	6♋37	23♏ 7	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	23n 8	23s44	4s 1	24n26	1n22	18n40	1n47	16n10	0s52	0n23	1n18	19s38	1n51	20s 1	0n10	21n59	1s17	12n53	9s46	22s17	22s13	24n45	15s 6	3n41
S 2	23 4	25 23	2 59	24 22	1 28	18 19	1 47	16 22	0 51	0 20	1 18	19 38	1 51	20 1	0 10	21 59	1 17	12 53	9 46	22 17	22 13	24 44	15 5	3 41
S 3	23 0	25 12	1 45	24 14	1 33	17 58	1 46	16 35	0 50	0 18	1 18	19 37	1 51	20 1	0 10	21 59	1 17	12 53	9 46	22 17	22 14	24 42	15 5	3 41
M 4	22 55	23 7	0 22	24 4	1 38	17 36	1 46	16 47	0 50	0 15	1 17	19 37	1 51	20 0	0 10	21 59	1 17	12 53	9 46	22 17	22 14	24 41	15 4	3 41
T 5	22 49	19 25	1n 1	23 51	1 42	17 13	1 45	16 59	0 49	0 12	1 17	19 37	1 51	20 0	0 10	21 59	1 17	12 53	9 46	22 17	22 14	24 40	15 4	3 41
W 6	22 44	14 30	2 20	23 36	1 45	16 51	1 44	17 11	0 49	0 10	1 17	19 36	1 50	20 0	0 10	21 59	1 17	12 53	9 46	22 17	22 15	24 39	15 4	3 40
T 7	22 38	8 51	3 27	23 19	1 48	16 27	1 43	17 23	0 48	0 7	1 17	19 36	1 50	19 59	0 10	21 59	1 17	12 53	9 46	22 17	22 15	24 38	15 3	3 40
F 8	22 31	2 55	4 20	22 59	1 50	16 4	1 42	17 35	0 47	0 4	1 16	19 36	1 50	19 59	0 10	21 59	1 17	12 53	9 46	22 17	22 16	24 37	15 3	3 40
S 9	22 24	2n58	4 56	22 38	1 51	15 40	1 41	17 46	0 47	0 1	1 16	19 35	1 50	19 59	0 10	21 59	1 17	12 53	9 46	22 17	22 16	24 36	15 3	3 40
S 10	22 17	8 32	5 14	22 14	1 51	15 15	1 40	17 57	0 46	0s 2	1 16	19 35	1 50	19 58	0 10	22 0	1 17	12 53	9 46	22 17	22 16	24 35	15 2	3 40
M11	22 9	13 34	5 17	21 49	1 51	14 50	1 38	18 8	0 45	0 5	1 16	19 35	1 50	19 58	0 10	22 0	1 17	12 54	9 46	22 17	22 17	24 34	15 2	3 40
T 12	22 1	17 53	5 4	21 22	1 49	14 25	1 37	18 19	0 45	0 8	1 16	19 35	1 49	19 58	0 10	22 0	1 17	12 54	9 47	22 17	22 17	24 33	15 2	3 40
W13	21 53	21 21	4 37	20 53	1 48	14 0	1 35	18 30	0 44	0 11	1 15	19 34	1 49	19 58	0 9	22 0	1 17	12 54	9 47	22 17	22 18	24 32	15 2	3 40
T 14	21 44	23 51	3 59	20 23	1 46	13 34	1 34	18 40	0 43	0 14	1 15	19 34	1 49	19 57	0 9	22 0	1 17	12 54	9 47	22 17	22 18	24 31	15 2	3 40
F 15	21 35	25 15	3 10	19 52	1 43	13 8	1 32	18 51	0 42	0 17	1 15	19 34	1 49	19 57	0 9	22 0	1 17	12 54	9 47	22 17	22 19	24 30	15 1	3 40
S 16	21 25	25 29	2 14	19 20	1 39	12 41	1 30	19 1	0 42	0 21	1 15	19 34	1 49	19 57	0 9	22 0	1 17	12 54	9 47	22 17	22 19	24 29	15 1	3 40
S 17	21 15	24 35	1 13	18 47	1 35	12 14	1 28	19 11	0 41	0 24	1 15	19 33	1 48	19 57	0 9	22 0	1 17	12 54	9 47	22 17	22 19	24 27	15 1	3 40
M18	21 5	22 35	0 8	18 13	1 31	11 47	1 27	19 21	0 40	0 27	1 14	19 33	1 48	19 57	0 9	22 0	1 17	12 54	9 47	22 17	22 20	24 26	15 1	3 39
T 19	20 54	19 35	0s58	17 38	1 26	11 20	1 24	19 30	0 40	0 30	1 14	19 33	1 48	19 56	0 9	22 0	1 17	12 54	9 47	22 17	22 20	24 25	15 1	3 39
W20	20 43	15 45	2 1	17 3	1 20	10 52	1 22	19 40	0 39	0 34	1 14	19 33	1 48	19 56	0 9	22 0	1 17	12 54	9 47	22 17	22 21	24 24	15 1	3 39
T 21	20 32	11 16	3 0	16 27	1 15	10 24	1 20	19 49	0 38	0 37	1 14	19 33	1 48	19 56	0 9	22 1	1 17	12 54	9 47	22 17	22 21	24 23	15 1	3 39
F 22	20 20	6 16	3 51	15 50	1 8	9 56	1 18	19 58	0 37	0 41	1 14	19 33	1 47	19 56	0 9	22 1	1 17	12 54	9 47	22 17	22 21	24 22	15 1	3 39
S 23	20 8	0 58	4 32	15 13	1 1	9 28	1 15	20 7	0 37	0 44	1 13	19 33	1 47	19 56	0 9	22 1	1 17	12 54	9 48	22 17	22 22	24 21	15 1	3 39
S 24	19 56	4s27	5 1	14 36	0 54	8 59	1 13	20 16	0 36	0 48	1 13	19 33	1 47	19 55	0 9	22 1	1 17	12 54	9 48	22 17	22 22	24 19	15 1	3 39
M25	19 43	9 48	5 15	13 58	0 47	8 30	1 10	20 24	0 35	0 52	1 13	19 33	1 47	19 55	0 9	22 1	1 18	12 54	9 48	22 18	22 23	24 18	15 1	3 39
T 26	19 30	14 51	5 13	13 20	0 39	8 1	1 8	20 32	0 34	0 55	1 13	19 33	1 46	19 55	0 9	22 1	1 18	12 54	9 48	22 18	22 23	24 17	15 2	3 39
W27	19 17	19 17	4 54	12 43	0 31	7 32	1 5	20 40	0 33	0 59	1 13	19 33	1 46	19 55	0 9	22 1	1 18	12 54	9 48	22 18	22 23	24 16	15 2	3 38
T 28	19 3	22 46	4 17	12 5	0 22	7 3	1 2	20 48	0 33	1 3	1 13	19 33	1 46	19 55	0 9	22 1	1 18	12 54	9 48	22 18	22 24	24 15	15 2	3 38
F 29	18 49	24 57	3 24	11 27	0 13	6 33	0 59	20 56	0 32	1 6	1 12	19 33	1 46	19 55	0 9	22 1	1 18	12 54	9 48	22 17	22 24	24 14	15 2	3 38
S 30	18 35	25 29	2 16	10 49	0 4	6 4	0 56	21 4	0 31	1 10	1 12	19 33	1 46	19 55	0 9	22 1	1 18	12 54	9 48	22 17	22 25	24 12	15 3	3 38
S 31	18n20	24s14	0s58	10n11	0s 5	5n34	0n53	21n11	0s30	1s14	1n12	19s33	1n45	19s55	0n 9	22n 1	1s18	12n54	9s48	22s17	22s25	24n11	15s 3	3n38

Julian Day Number = 2414471.5, Delta T = -3.48 sec
Ecliptic obliquity = 23°27'11, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°19'22, Lahiri = 22°26'22

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ASTRODIENST EPHEMERIS for the year 1898
geocentric

AUGUST 1898 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	20 38 30	8♌43'23	22♉ 5	4♍41	19♍ 9	8♊49	6♎ 2	5°R43	29°R31	23♊55	15♊22	17°R40	16♉35	6♋43	23♏ 8	M 1
T 2	20 42 26	9°40'47	7♒ 4	5°57	20°18	9°30	6°12	5♐42	29♏31	23°57	15°23	17♉39	16°32	6°50	23° 9	T 2
W 3	20 46 23	10°38'12	21°56	7°11	21°26	10°10	6°21	5°41	29°31	23°58	15°24	17°37	16°29	6°57	23°10	W 3
T 4	20 50 19	11°35'39	6♓32	8°23	22°35	10°50	6°31	5°41	29°31	24° 0	15°24	17°34	16°26	7° 3	23°11	T 4
F 5	20 54 16	12°33'06	20°46	9°32	23°44	11°30	6°41	5°40	29°30	24° 2	15°25	17°31	16°23	7°10	23°12	F 5
S 6	20 58 12	13°30'35	4♈35	10°39	24°52	12°10	6°51	5°40	29°30	24° 3	15°26	17°27	16°20	7°17	23°14	S 6
S 7	21 2 9	14°28'04	17°56	11°44	26° 1	12°50	7° 1	5°39	29°30	24° 5	15°27	17°24	16°16	7°23	23°15	S 7
M 8	21 6 5	15°25'36	0♉53	12°46	27° 9	13°30	7°11	5°39	29°D30	24° 6	15°28	17°22	16°13	7°30	23°16	M 8
T 9	21 10 2	16°23'08	13°26	13°45	28°17	14°10	7°21	5°39	29°30	24° 8	15°28	17°D21	16°10	7°36	23°18	T 9
W10	21 13 59	17°20'42	25°41	14°42	29°25	14°49	7°31	5°D39	29°30	24° 9	15°29	17°22	16° 7	7°43	23°20	W10
T 11	21 17 55	18°18'18	7♊42	15°35	0♎33	15°29	7°42	5°39	29°30	24°11	15°30	17°23	16° 4	7°50	23°21	T 11
F 12	21 21 52	19°15'55	19°34	16°26	1°41	16° 8	7°52	5°39	29°31	24°12	15°31	17°25	16° 1	7°56	23°23	F 12
S 13	21 25 48	20°13'33	1♋21	17°13	2°48	16°47	8° 3	5°40	29°31	24°14	15°31	17°26	15°57	8° 3	23°25	S 13
S 14	21 29 45	21°11'13	13° 9	17°57	3°56	17°26	8°13	5°40	29°31	24°15	15°32	17°R27	15°54	8°10	23°27	S 14
M15	21 33 41	22° 8'55	25° 0	18°38	5° 3	18° 5	8°24	5°40	29°31	24°16	15°33	17°27	15°51	8°16	23°29	M15
T 16	21 37 38	23° 6'37	6♌58	19°14	6°11	18°44	8°35	5°41	29°32	24°18	15°33	17°25	15°48	8°23	23°32	T 16
W17	21 41 34	24° 4'21	19° 6	19°47	7°18	19°23	8°45	5°42	29°32	24°19	15°34	17°22	15°45	8°30	23°34	W17
T 18	21 45 31	25° 2'07	1♍25	20°15	8°25	20° 2	8°56	5°42	29°33	24°20	15°35	17°17	15°41	8°36	23°37	T 18
F 19	21 49 28	25°59'53	13°56	20°39	9°32	20°40	9° 7	5°43	29°33	24°22	15°35	17°10	15°38	8°43	23°39	F 19
S 20	21 53 24	26°57'41	26°40	20°58	10°38	21°19	9°18	5°44	29°34	24°23	15°36	17° 4	15°35	8°50	23°42	S 20
S 21	21 57 21	27°55'30	9♎37	21°12	11°45	21°57	9°29	5°45	29°35	24°24	15°36	16°57	15°32	8°56	23°45	S 21
M22	22 1 17	28°53'21	22°47	21°21	12°51	22°35	9°41	5°46	29°35	24°25	15°37	16°51	15°29	9° 3	23°47	M22
T 23	22 5 14	29°51'13	6♏11	21°R24	13°58	23°13	9°52	5°48	29°36	24°27	15°37	16°47	15°26	9°10	23°50	T 23
W24	22 9 10	0♍49'06	19°48	21°22	15° 4	23°51	10° 3	5°49	29°37	24°28	15°38	16°45	15°22	9°16	23°53	W24
T 25	22 13 7	1°47'00	3♐39	21°14	16°10	24°29	10°15	5°51	29°38	24°29	15°38	16°D44	15°19	9°23	23°56	T 25
F 26	22 17 3	2°44'56	17°45	21° 0	17°16	25° 7	10°26	5°52	29°39	24°30	15°39	16°45	15°16	9°29	24° 0	F 26
S 27	22 21 0	3°42'52	2♑ 2	20°40	18°21	25°44	10°37	5°54	29°40	24°31	15°39	16°46	15°13	9°36	24° 3	S 27
S 28	22 24 57	4°40'51	16°31	20°14	19°27	26°22	10°49	5°55	29°41	24°32	15°39	16°R47	15°10	9°43	24° 6	S 28
M29	22 28 53	5°38'50	1♒ 8	19°42	20°32	26°59	11° 1	5°57	29°42	24°33	15°40	16°46	15° 7	9°49	24°10	M29
T 30	22 32 50	6°36'51	15°47	19° 4	21°37	27°36	11°12	5°59	29°43	24°34	15°40	16°43	15° 3	9°56	24°13	T 30
W31	22 36 46	7♍34'53	0♓22	18♍21	22♎42	28♊13	11♎24	6♐ 1	29♏44	24♊35	15♊40	16♉38	15♑ 0	10♋ 3	24♏17	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸		⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	decl	lat
M 1	18n 5	21s14	0n24	9n34	0s15	5n 4	0n50	21n18	0s29	1s18	1n12	19s33	1n45	19s55	0n 9	22n 1	1s18	12n54	9s49	22s17	22s25	24n10	15s 3	3n38
T 2	17 50	16 49	1 45	8 57	0 24	4 34	0 47	21 25	0 28	1 22	1 12	19 33	1 45	19 55	0 9	22 1	1 18	12 54	9 49	22 17	22 26	24 9	15 3	3 38
W 3	17 35	11 24	2 58	8 21	0 35	4 4	0 43	21 32	0 28	1 26	1 12	19 33	1 45	19 55	0 9	22 1	1 18	12 54	9 49	22 18	22 26	24 8	15 4	3 38
T 4	17 19	5 26	3 58	7 44	0 45	3 33	0 40	21 38	0 27	1 30	1 11	19 33	1 44	19 55	0 9	22 1	1 18	12 54	9 49	22 18	22 27	24 6	15 4	3 37
F 5	17 3	0n39	4 41	7 9	0 55	3 3	0 36	21 45	0 26	1 34	1 11	19 33	1 44	19 55	0 9	22 1	1 18	12 53	9 49	22 18	22 27	24 5	15 5	3 37
S 6	16 47	6 30	5 6	6 34	1 6	2 33	0 33	21 51	0 25	1 38	1 11	19 33	1 44	19 55	0 9	22 1	1 18	12 53	9 49	22 19	22 27	24 4	15 5	3 37
S 7	16 30	11 53	5 14	5 59	1 16	2 2	0 29	21 57	0 24	1 42	1 11	19 34	1 44	19 55	0 9	22 2	1 18	12 53	9 49	22 19	22 28	24 3	15 6	3 37
M 8	16 13	16 33	5 6	5 26	1 27	1 32	0 26	22 3	0 23	1 46	1 11	19 34	1 44	19 55	0 9	22 2	1 18	12 53	9 50	22 19	22 28	24 1	15 6	3 37
T 9	15 56	20 22	4 42	4 53	1 38	1 1	0 22	22 9	0 22	1 50	1 11	19 34	1 43	19 55	0 9	22 2	1 18	12 53	9 50	22 20	22 28	24 0	15 7	3 37
W10	15 39	23 11	4 7	4 21	1 49	0 30	0 18	22 14	0 21	1 54	1 10	19 34	1 43	19 55	0 9	22 2	1 18	12 53	9 50	22 20	22 29	23 59	15 7	3 37
T 11	15 21	24 55	3 21	3 50	2 0	0s 0	0 14	22 19	0 21	1 59	1 10	19 34	1 43	19 55	0 9	22 2	1 18	12 53	9 50	22 19	22 29	23 58	15 8	3 36
F 12	15 3	25 29	2 27	3 20	2 11	0 31	0 10	22 24	0 20	2 3	1 10	19 35	1 43	19 55	0 9	22 2	1 18	12 53	9 50	22 19	22 30	23 56	15 8	3 36
S 13	14 45	24 54	1 27	2 52	2 22	1 2	0 6	22 29	0 19	2 7	1 10	19 35	1 42	19 55	0 9	22 2	1 18	12 53	9 50	22 19	22 30	23 55	15 9	3 36
S 14	14 27	23 12	0 24	2 25	2 33	1 32	0 2	22 34	0 18	2 12	1 10	19 35	1 42	19 55	0 9	22 2	1 18	12 53	9 50	22 19	22 30	23 54	15 10	3 36
M15	14 8	20 28	0s41	1 59	2 44	2 3	0s 2	22 38	0 17	2 16	1 10	19 35	1 42	19 55	0 9	22 2	1 18	12 53	9 51	22 19	22 31	23 52	15 10	3 36
T 16	13 49	16 51	1 45	1 35	2 55	2 33	0 7	22 43	0 16	2 20	1 10	19 36	1 42	19 55	0 9	22 2	1 18	12 53	9 51	22 19	22 31	23 51	15 11	3 36
W17	13 30	12 30	2 44	1 12	3 6	3 4	0 11	22 47	0 15	2 25	1 9	19 36	1 41	19 55	0 9	22 2	1 18	12 53	9 51	22 20	22 31	23 50	15 12	3 36
T 18	13 11	7 36	3 37	0 52	3 16	3 35	0 16	22 51	0 14	2 29	1 9	19 37	1 41	19 55	0 9	22 2	1 18	12 52	9 51	22 20	22 32	23 49	15 12	3 35
F 19	12 52	2 20	4 20	0 33	3 26	4 5	0 20	22 54	0 13	2 33	1 9	19 37	1 41	19 55	0 9	22 2	1 18	12 52	9 51	22 21	22 32	23 47	15 13	3 35
S 20	12 32	3s 7	4 50	0 17	3 36	4 35	0 24	22 58	0 12	2 38	1 9	19 37	1 41	19 56	0 9	22 2	1 18	12 52	9 51	22 22	22 33	23 46	15 14	3 35
S 21	12 12	8 31	5 7	0 3	3 45	5 6	0 29	23 1	0 11	2 42	1 9	19 38	1 41	19 56	0 9	22 2	1 18	12 52	9 52	22 23	22 33	23 45	15 15	3 35
M22	11 52	13 38	5 8	0s 8	3 53	5 36	0 34	23 5	0 10	2 47	1 9	19 38	1 40	19 56	0 9	22 2	1 18	12 52	9 52	22 23	22 33	23 43	15 16	3 35
T 23	11 32	18 11	4 52	0 17	4 1	6 6	0 38	23 8	0 9	2 51	1 9	19 39	1 40	19 56	0 9	22 2	1 18	12 52	9 52	22 24	22 34	23 42	15 16	3 35
W24	11 11	21 52	4 20	0 23	4 9	6 36	0 43	23 11	0 8	2 56	1 9	19 39	1 40	19 56	0 9	22 2	1 18	12 52	9 52	22 24	22 34	23 41	15 17	3 35
T 25	10 51	24 22	3 32	0 26	4 15	7 6	0 48	23 13	0 7	3 1	1 8	19 39	1 40	19 56	0 9	22 2	1 18	12 52	9 52	22 24	22 34	23 39	15 18	3 35
F 26	10 30	25 23	2 30	0 25	4 20	7 36	0 53	23 16	0 6	3 5	1 8	19 40	1 39	19 57	0 9	22 2	1 18	12 52	9 52	22 24	22 35	23 38	15 19	3 34
S 27	10 9	24 45	1 19	0 21	4 25	8 5	0 58	23 18	0 5	3 10	1 8	19 40	1 39	19 57	0 9	22 2	1 18	12 51	9 53	22 24	22 35	23 37	15 20	3 34
S 28	9 48	22 27	0 1	0 14	4 28	8 35	1 3	23 20	0 4	3 14	1 8	19 41	1 39	19 57	0 9	22 2	1 18	12 51	9 53	22 24	22 35	23 35	15 21	3 34
M29	9 27	18 40	1n17	0 3	4 29	9 4	1 7	23 22	0 3	3 19	1 8	19 42	1 39	19 57	0 9	22 2	1 18	12 51	9 53	22 24	22 36	23 34	15 22	3 34
T 30	9 5	13 44	2 30	0n12	4 29	9 33	1 12	23 24	0 2	3 24	1 8	19 42	1 39	19 58	0 9	22 2	1 19	12 51	9 53	22 24	22 36	23 32	15 23	3 34
W31	8n44	8s 2	3n33	0n30	4s28	10s 2	1s18	23n26	0s 1	3s28	1n 8	19s43	1n38	19s58	0n 9	22n 2	1s19	12n51	9s53	22s25	22s37	23n31	15s24	3n34

Julian Day Number = 2414502.5, Delta T = -3.41 sec
Ecliptic obliquity = 23°27'11, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°19'26, Lahiri = 22°26'27

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ASTRODIENST EPHEMERIS for the year 1898
geocentric

SEPTEMBER 1898 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	22 40 43	8♍32'57	14♓46	17°R33	23♎46	28♊50	11♎36	6♐ 3	29♏45	24♊36	15♊41	16°R31	14♑57	10♋ 9	24♏21	T 1
F 2	22 44 39	9°31'02	28°54	16♍41	24°51	29°27	11°48	6° 5	29°46	24°37	15°41	16♑22	14°54	10°16	24°25	F 2
S 3	22 48 36	10°29'10	12♈40	15°45	25°55	0♋ 4	12° 0	6° 8	29°48	24°37	15°41	16°14	14°51	10°23	24°28	S 3
S 4	22 52 32	11°27'19	26° 2	14°48	26°59	0°40	12°12	6°10	29°49	24°38	15°42	16° 5	14°47	10°29	24°32	S 4
M 5	22 56 29	12°25'30	9♉ 0	13°49	28° 3	1°17	12°24	6°13	29°50	24°39	15°42	15°59	14°44	10°36	24°37	M 5
T 6	23 0 25	13°23'43	21°35	12°50	29° 6	1°53	12°36	6°15	29°52	24°40	15°42	15°54	14°41	10°43	24°41	T 6
W 7	23 4 22	14°21'59	3♊51	11°52	0♏10	2°29	12°48	6°18	29°53	24°40	15°42	15°52	14°38	10°49	24°45	W 7
T 8	23 8 19	15°20'16	15°52	10°58	1°13	3° 5	13° 0	6°21	29°55	24°41	15°42	15°D51	14°35	10°56	24°49	T 8
F 9	23 12 15	16°18'36	27°44	10° 7	2°16	3°41	13°12	6°23	29°57	24°42	15°43	15°52	14°32	11° 2	24°54	F 9
S 10	23 16 12	17°16'57	9♋32	9°22	3°18	4°16	13°24	6°26	29°58	24°42	15°43	15°52	14°28	11° 9	24°58	S 10
S 11	23 20 8	18°15'21	21°21	8°43	4°21	4°52	13°37	6°29	29°59	24°43	15°43	15°R52	14°25	11°16	25° 3	S 11
M12	23 24 5	19°13'46	3♌16	8°11	5°23	5°27	13°49	6°32	0♐ 2	24°43	15°43	15°51	14°22	11°22	25° 7	M12
T 13	23 28 1	20°12'14	15°21	7°48	6°24	6° 2	14° 1	6°35	0° 3	24°44	15°43	15°47	14°19	11°29	25°12	T 13
W14	23 31 58	21°10'44	27°39	7°33	7°26	6°37	14°14	6°39	0° 5	24°44	15°43	15°40	14°16	11°36	25°17	W14
T 15	23 35 54	22° 9'15	10♍13	7°D28	8°27	7°12	14°26	6°42	0° 7	24°45	15°R43	15°31	14°12	11°42	25°22	T 15
F 16	23 39 51	23° 7'49	23° 3	7°32	9°28	7°47	14°39	6°46	0° 9	24°45	15°43	15°21	14° 9	11°49	25°27	F 16
S 17	23 43 48	24° 6'24	6♎ 8	7°46	10°29	8°21	14°51	6°49	0°11	24°46	15°43	15° 9	14° 6	11°56	25°32	S 17
S 18	23 47 44	25° 5'01	19°28	8° 9	11°29	8°56	15° 4	6°53	0°13	24°46	15°43	14°57	14° 3	12° 2	25°37	S 18
M19	23 51 41	26° 3'41	3♏ 0	8°41	12°29	9°30	15°16	6°56	0°15	24°46	15°43	14°47	14° 0	12° 9	25°42	M19
T 20	23 55 37	27° 2'22	16°43	9°23	13°29	10° 4	15°29	7° 0	0°17	24°47	15°43	14°39	13°57	12°16	25°47	T 20
W21	23 59 34	28° 1'05	0♐33	10°12	14°28	10°38	15°42	7° 4	0°19	24°47	15°43	14°34	13°53	12°22	25°53	W21
T 22	0 3 30	28°59'49	14°29	11°10	15°27	11°11	15°54	7° 8	0°21	24°47	15°42	14°32	13°50	12°29	25°58	T 22
F 23	0 7 27	29°58'35	28°32	12°15	16°25	11°45	16° 7	7°12	0°24	24°47	15°42	14°D31	13°47	12°35	26° 3	F 23
S 24	0 11 23	0♎57'23	12♑39	13°26	17°23	12°18	16°20	7°16	0°26	24°47	15°42	14°R31	13°44	12°42	26° 9	S 24
S 25	0 15 20	1°56'13	26°49	14°43	18°21	12°51	16°33	7°20	0°28	24°47	15°42	14°31	13°41	12°49	26°14	S 25
M26	0 19 17	2°55'04	11♒ 3	16° 6	19°18	13°24	16°45	7°24	0°31	24°48	15°42	14°28	13°38	12°55	26°20	M26
T 27	0 23 13	3°53'57	25°16	17°33	20°15	13°57	16°58	7°29	0°33	24°48	15°41	14°24	13°34	13° 2	26°26	T 27
W28	0 27 10	4°52'52	9♓26	19° 4	21°11	14°29	17°11	7°33	0°35	24°R48	15°41	14°16	13°31	13° 9	26°32	W28
T 29	0 31 6	5°51'48	23°28	20°39	22° 7	15° 1	17°24	7°37	0°38	24°48	15°41	14° 6	13°28	13°15	26°37	T 29
F 30	0 35 3	6♎50'47	7♈17	22♍17	23♏ 2	15♋33	17♎37	7♐42	0♐40	24♊47	15♊41	13♑54	13♑25	13♋22	26♏43	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n22	1s59	4n21	0n52	4s24	10s31	1s23	23n27	0n 0	3s33	1n 8	19s43	1n38	19s58	0n 9	22n 2	1s19	12n51	9s53	22s26	22s37	23n30	15s25	3n34
F 2	8 0	4n 2	4 52	1 17	4 19	10 59	1 28	23 28	0 1	3 38	1 8	19 44	1 38	19 58	0 9	22 2	1 19	12 51	9 54	22 27	22 37	23 28	15 26	3 34
S 3	7 38	9 41	5 6	1 45	4 12	11 28	1 33	23 30	0 2	3 43	1 7	19 44	1 38	19 59	0 9	22 2	1 19	12 51	9 54	22 28	22 38	23 27	15 27	3 33
S 4	7 16	14 44	5 2	2 16	4 2	11 56	1 38	23 31	0 4	3 47	1 7	19 45	1 37	19 59	0 9	22 2	1 19	12 50	9 54	22 29	22 38	23 25	15 28	3 33
M 5	6 54	18 57	4 42	2 49	3 51	12 23	1 43	23 31	0 5	3 52	1 7	19 46	1 37	19 59	0 9	22 2	1 19	12 50	9 54	22 30	22 38	23 24	15 29	3 33
T 6	6 32	22 11	4 9	3 23	3 38	12 51	1 48	23 32	0 6	3 57	1 7	19 46	1 37	20 0	0 9	22 2	1 19	12 50	9 54	22 30	22 39	23 23	15 30	3 33
W 7	6 9	24 18	3 26	3 58	3 24	13 18	1 54	23 33	0 7	4 2	1 7	19 47	1 37	20 0	0 9	22 2	1 19	12 50	9 54	22 31	22 39	23 21	15 31	3 33
T 8	5 47	25 15	2 34	4 34	3 8	13 46	1 59	23 33	0 8	4 6	1 7	19 48	1 37	20 0	0 9	22 2	1 19	12 50	9 55	22 31	22 39	23 20	15 32	3 33
F 9	5 24	25 2	1 36	5 9	2 50	14 12	2 4	23 33	0 9	4 11	1 7	19 48	1 36	20 1	0 8	22 2	1 19	12 50	9 55	22 31	22 40	23 18	15 34	3 33
S 10	5 2	23 41	0 34	5 43	2 32	14 39	2 9	23 33	0 10	4 16	1 7	19 49	1 36	20 1	0 8	22 2	1 19	12 49	9 55	22 31	22 40	23 17	15 35	3 33
S 11	4 39	21 17	0s29	6 15	2 13	15 5	2 15	23 33	0 11	4 21	1 7	19 50	1 36	20 1	0 8	22 2	1 19	12 49	9 55	22 31	22 40	23 16	15 36	3 33
M12	4 16	17 57	1 32	6 45	1 53	15 31	2 20	23 33	0 13	4 26	1 7	19 50	1 36	20 2	0 8	22 2	1 19	12 49	9 55	22 31	22 41	23 14	15 37	3 32
T 13	3 53	13 51	2 31	7 12	1 34	15 57	2 25	23 33	0 14	4 31	1 7	19 51	1 35	20 2	0 8	22 2	1 19	12 49	9 55	22 31	22 41	23 13	15 38	3 32
W14	3 30	9 7	3 23	7 36	1 14	16 22	2 30	23 32	0 15	4 36	1 7	19 52	1 35	20 3	0 8	22 2	1 19	12 49	9 56	22 32	22 41	23 11	15 40	3 32
T 15	3 7	3 55	4 7	7 55	0 55	16 47	2 36	23 32	0 16	4 40	1 6	19 53	1 35	20 3	0 8	22 2	1 19	12 49	9 56	22 33	22 42	23 10	15 41	3 32
F 16	2 44	1s31	4 40	8 11	0 36	17 12	2 41	23 31	0 17	4 45	1 6	19 54	1 35	20 3	0 8	22 2	1 19	12 48	9 56	22 34	22 42	23 8	15 42	3 32
S 17	2 21	7 0	4 58	8 23	0 18	17 36	2 46	23 30	0 19	4 50	1 6	19 54	1 35	20 4	0 8	22 2	1 19	12 48	9 56	22 36	22 42	23 7	15 43	3 32
S 18	1 57	12 16	5 1	8 30	0 1	18 0	2 52	23 29	0 20	4 55	1 6	19 55	1 34	20 4	0 8	22 2	1 19	12 48	9 56	22 37	22 43	23 5	15 45	3 32
M19	1 34	17 1	4 47	8 33	0n15	18 24	2 57	23 28	0 21	5 0	1 6	19 56	1 34	20 5	0 8	22 2	1 19	12 48	9 56	22 38	22 43	23 4	15 46	3 32
T 20	1 11	20 56	4 17	8 31	0 30	18 47	3 2	23 27	0 22	5 5	1 6	19 57	1 34	20 5	0 8	22 2	1 19	12 48	9 57	22 39	22 43	23 2	15 47	3 32
W21	0 47	23 43	3 31	8 25	0 43	19 10	3 7	23 25	0 24	5 10	1 6	19 58	1 34	20 6	0 8	22 2	1 19	12 48	9 57	22 39	22 44	23 1	15 48	3 32
T 22	0 24	25 4	2 32	8 15	0 56	19 32	3 12	23 24	0 25	5 15	1 6	19 58	1 34	20 6	0 8	22 2	1 19	12 47	9 57	22 40	22 44	22 59	15 50	3 32
F 23	0 1	24 50	1 24	8 0	1 7	19 54	3 17	23 22	0 26	5 20	1 6	19 59	1 33	20 7	0 8	22 2	1 19	12 47	9 57	22 40	22 44	22 58	15 51	3 32
S 24	0s23	23 1	0 10	7 42	1 17	20 16	3 23	23 20	0 27	5 25	1 6	20 0	1 33	20 7	0 8	22 2	1 19	12 47	9 57	22 40	22 45	22 56	15 52	3 31
S 25	0 46	19 45	1n 5	7 20	1 26	20 37	3 28	23 19	0 29	5 30	1 6	20 1	1 33	20 8	0 8	22 2	1 19	12 47	9 58	22 40	22 45	22 55	15 54	3 31
M26	1 10	15 18	2 16	6 55	1 33	20 58	3 33	23 17	0 30	5 35	1 6	20 2	1 33	20 8	0 8	22 2	1 20	12 47	9 58	22 40	22 45	22 53	15 55	3 31
T 27	1 33	10 0	3 18	6 27	1 39	21 19	3 38	23 15	0 31	5 40	1 6	20 3	1 33	20 9	0 8	22 2	1 20	12 46	9 58	22 40	22 46	22 52	15 56	3 31
W28	1 56	4 13	4 7	5 56	1 44	21 39	3 43	23 13	0 33	5 44	1 6	20 4	1 33	20 9	0 8	22 2	1 20	12 46	9 58	22 41	22 46	22 50	15 58	3 31
T 29	2 20	1n43	4 42	5 22	1 48	21 58	3 47	23 10	0 34	5 49	1 6	20 5	1 32	20 10	0 8	22 1	1 20	12 46	9 58	22 42	22 46	22 49	15 59	3 31
F 30	2s43	7n28	4n59	4n46	1n51	22s17	3s52	23n 8	0n36	5s54	1n 6	20s 5	1n32	20s10	0n 8	22n 1	1s20	12n46	9s58	22s44	22s47	22n47	16s 1	3n31

Julian Day Number = 2414533.5, Delta T = -3.34 sec
Ecliptic obliquity = 23°27'12, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°19'30, Lahiri = 22°26'31

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ASTRODIENST EPHEMERIS for the year 1898
geocentric

OCTOBER 1898 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 38 59	7♎49'47	20♈50	23♍56	23♏57	16♋ 5	17♎50	7♐46	0♐43	24°R47	15°R40	13°R41	13♑22	13♋29	26♏49	S 1
S 2	0 42 56	8°48'50	4♉ 3	25°38	24°51	16°37	18° 3	7°51	0°46	24♊47	15♊40	13♑30	13°18	13°35	26°55	S 2
M 3	0 46 52	9°47'55	16°56	27°21	25°44	17° 8	18°15	7°56	0°48	24°47	15°40	13°19	13°15	13°42	27° 1	M 3
T 4	0 50 49	10°47'02	29°28	29° 6	26°37	17°40	18°28	8° 1	0°51	24°47	15°39	13°11	13°12	13°49	27° 7	T 4
W 5	0 54 46	11°46'11	11♊43	0♎51	27°30	18°11	18°41	8° 6	0°54	24°47	15°39	13° 6	13° 9	13°55	27°14	W 5
T 6	0 58 42	12°45'23	23°44	2°36	28°22	18°41	18°54	8°11	0°56	24°46	15°38	13° 4	13° 6	14° 2	27°20	T 6
F 7	1 2 39	13°44'37	5♋36	4°22	29°13	19°12	19° 7	8°16	0°59	24°46	15°38	13° 3	13° 3	14° 9	27°26	F 7
S 8	1 6 35	14°43'53	17°24	6° 8	0♐ 3	19°42	19°20	8°21	1° 2	24°46	15°37	13° 3	12°59	14°15	27°32	S 8
S 9	1 10 32	15°43'12	29°13	7°54	0°53	20°12	19°33	8°26	1° 5	24°45	15°37	13° 2	12°56	14°22	27°39	S 9
M10	1 14 28	16°42'33	11♌10	9°40	1°42	20°42	19°46	8°31	1° 8	24°45	15°36	13° 1	12°53	14°28	27°45	M10
T 11	1 18 25	17°41'56	23°19	11°25	2°30	21°12	19°59	8°36	1°11	24°45	15°36	12°57	12°50	14°35	27°52	T 11
W12	1 22 21	18°41'21	5♍44	13°11	3°18	21°41	20°12	8°41	1°13	24°44	15°35	12°50	12°47	14°42	27°58	W12
T 13	1 26 18	19°40'49	18°29	14°55	4° 4	22°10	20°25	8°47	1°16	24°44	15°35	12°40	12°44	14°48	28° 5	T 13
F 14	1 30 14	20°40'19	1♎34	16°39	4°50	22°39	20°38	8°52	1°19	24°43	15°34	12°29	12°40	14°55	28°12	F 14
S 15	1 34 11	21°39'51	15° 0	18°23	5°35	23° 7	20°51	8°58	1°22	24°43	15°34	12°16	12°37	15° 2	28°18	S 15
S 16	1 38 8	22°39'25	28°44	20° 6	6°19	23°36	21° 4	9° 3	1°26	24°42	15°33	12° 4	12°34	15° 8	28°25	S 16
M17	1 42 4	23°39'01	12♏42	21°49	7° 2	24° 3	21°18	9° 9	1°29	24°41	15°32	11°53	12°31	15°15	28°32	M17
T 18	1 46 1	24°38'39	26°50	23°31	7°44	24°31	21°31	9°15	1°32	24°41	15°32	11°44	12°28	15°22	28°39	T 18
W19	1 49 57	25°38'19	11♐ 3	25°12	8°25	24°58	21°44	9°20	1°35	24°40	15°31	11°38	12°24	15°28	28°45	W19
T 20	1 53 54	26°38'00	25°17	26°53	9° 5	25°26	21°57	9°26	1°38	24°39	15°30	11°35	12°21	15°35	28°52	T 20
F 21	1 57 50	27°37'44	9♑29	28°33	9°44	25°52	22°10	9°32	1°41	24°39	15°30	11°D34	12°18	15°42	28°59	F 21
S 22	2 1 47	28°37'29	23°38	0♏12	10°21	26°19	22°23	9°38	1°45	24°38	15°29	11°R34	12°15	15°48	29° 6	S 22
S 23	2 5 44	29°37'15	7♒42	1°51	10°58	26°45	22°36	9°44	1°48	24°37	15°28	11°34	12°12	15°55	29°13	S 23
M24	2 9 40	0♏37'04	21°40	3°29	11°32	27°11	22°49	9°50	1°51	24°36	15°27	11°33	12° 9	16° 1	29°20	M24
T 25	2 13 37	1°36'54	5♓32	5° 7	12° 6	27°36	23° 2	9°56	1°54	24°35	15°27	11°28	12° 5	16° 8	29°27	T 25
W26	2 17 33	2°36'45	19°16	6°44	12°38	28° 1	23°15	10° 2	1°58	24°34	15°26	11°22	12° 2	16°15	29°34	W26
T 27	2 21 30	3°36'39	2♈52	8°21	13° 9	28°26	23°27	10° 8	2° 1	24°34	15°25	11°12	11°59	16°21	29°42	T 27
F 28	2 25 26	4°36'34	16°16	9°57	13°38	28°50	23°40	10°14	2° 4	24°33	15°24	11° 1	11°56	16°28	29°49	F 28
S 29	2 29 23	5°36'31	29°27	11°33	14° 6	29°15	23°53	10°21	2° 8	24°32	15°23	10°50	11°53	16°35	29°56	S 29
S 30	2 33 19	6°36'29	12♉24	13° 8	14°32	29°38	24° 6	10°27	2°11	24°31	15°23	10°38	11°49	16°41	0♐ 3	S 30
M31	2 37 16	7♏36'30	25♉ 4	14♏43	14♐56	0♌ 2	24♎19	10♐33	2♐15	24♊30	15♊22	10♑29	11♑46	16♋48	0♐10	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3s 6	12n44	4n58	4n 9	1n53	22s36	3s57	23n 6	0n37	5s59	1n 6	20s 6	1n32	20s11	0n 8	22n 1	1s20	12n46	9s59	22s45	22s47	22n46	16s 2	3n31
S 2	3 30	17 17	4 42	3 29	1 54	22 54	4 2	23 3	0 38	6 4	1 5	20 7	1 32	20 11	0 8	22 1	1 20	12 45	9 59	22 46	22 47	22 44	16 3	3 31
M 3	3 53	20 55	4 11	2 48	1 55	23 11	4 6	23 1	0 40	6 9	1 5	20 8	1 32	20 12	0 8	22 1	1 20	12 45	9 59	22 47	22 48	22 42	16 5	3 31
T 4	4 16	23 27	3 29	2 6	1 54	23 29	4 11	22 58	0 41	6 14	1 5	20 9	1 31	20 12	0 8	22 1	1 20	12 45	9 59	22 48	22 48	22 41	16 6	3 31
W 5	4 39	24 49	2 38	1 23	1 53	23 45	4 15	22 55	0 43	6 19	1 5	20 10	1 31	20 13	0 8	22 1	1 20	12 45	9 59	22 48	22 48	22 39	16 8	3 31
T 6	5 2	24 59	1 40	0 40	1 51	24 1	4 20	22 52	0 44	6 24	1 5	20 11	1 31	20 14	0 8	22 1	1 20	12 45	9 59	22 49	22 48	22 38	16 9	3 31
F 7	5 26	23 59	0 39	0s 5	1 49	24 17	4 24	22 50	0 45	6 29	1 5	20 12	1 31	20 14	0 8	22 1	1 20	12 44	9 59	22 49	22 49	22 36	16 10	3 31
S 8	5 49	21 56	0s23	0 49	1 46	24 32	4 28	22 47	0 47	6 34	1 5	20 13	1 31	20 15	0 8	22 1	1 20	12 44	10 0	22 49	22 49	22 35	16 12	3 31
S 9	6 11	18 57	1 25	1 34	1 42	24 47	4 32	22 44	0 48	6 39	1 5	20 14	1 31	20 15	0 8	22 1	1 20	12 44	10 0	22 49	22 49	22 33	16 13	3 31
M10	6 34	15 8	2 23	2 20	1 38	25 1	4 36	22 41	0 50	6 44	1 5	20 15	1 30	20 16	0 8	22 1	1 20	12 44	10 0	22 49	22 50	22 31	16 15	3 31
T 11	6 57	10 40	3 16	3 5	1 34	25 15	4 40	22 38	0 51	6 49	1 5	20 16	1 30	20 17	0 8	22 1	1 20	12 44	10 0	22 49	22 50	22 30	16 16	3 31
W12	7 20	5 41	4 1	3 50	1 29	25 28	4 44	22 35	0 53	6 54	1 5	20 17	1 30	20 17	0 8	22 1	1 20	12 43	10 0	22 50	22 50	22 28	16 18	3 31
T 13	7 42	0 21	4 35	4 35	1 24	25 41	4 47	22 31	0 54	6 59	1 5	20 18	1 30	20 18	0 8	22 1	1 20	12 43	10 0	22 51	22 51	22 27	16 19	3 31
F 14	8 5	5s 8	4 55	5 20	1 19	25 53	4 51	22 28	0 56	7 3	1 5	20 19	1 30	20 18	0 8	22 1	1 20	12 43	10 0	22 52	22 51	22 25	16 20	3 31
S 15	8 27	10 32	5 0	6 5	1 13	26 4	4 54	22 25	0 58	7 8	1 5	20 20	1 30	20 19	0 8	22 1	1 20	12 43	10 1	22 53	22 51	22 23	16 22	3 31
S 16	8 49	15 31	4 48	6 49	1 8	26 15	4 57	22 22	0 59	7 13	1 5	20 21	1 29	20 20	0 8	22 1	1 20	12 43	10 1	22 54	22 52	22 22	16 23	3 31
M17	9 11	19 46	4 19	7 33	1 2	26 26	5 0	22 19	1 1	7 18	1 5	20 22	1 29	20 20	0 8	22 1	1 20	12 42	10 1	22 55	22 52	22 20	16 25	3 31
T 18	9 33	22 55	3 33	8 17	0 55	26 36	5 3	22 15	1 2	7 23	1 5	20 23	1 29	20 21	0 8	22 1	1 20	12 42	10 1	22 56	22 52	22 19	16 26	3 31
W19	9 55	24 39	2 34	8 59	0 49	26 45	5 6	22 12	1 4	7 28	1 5	20 24	1 29	20 22	0 8	22 0	1 20	12 42	10 1	22 57	22 52	22 17	16 28	3 31
T 20	10 17	24 47	1 25	9 42	0 43	26 54	5 8	22 9	1 6	7 33	1 5	20 25	1 29	20 22	0 8	22 0	1 20	12 42	10 1	22 57	22 53	22 15	16 29	3 31
F 21	10 38	23 18	0 11	10 24	0 36	27 2	5 11	22 5	1 7	7 38	1 5	20 26	1 29	20 23	0 8	22 0	1 20	12 42	10 1	22 57	22 53	22 14	16 31	3 31
S 22	11 0	20 20	1n 4	11 5	0 30	27 10	5 13	22 2	1 9	7 42	1 5	20 27	1 29	20 24	0 8	22 0	1 20	12 41	10 2	22 57	22 53	22 12	16 32	3 31
S 23	11 21	16 12	2 14	11 46	0 23	27 17	5 14	21 59	1 11	7 47	1 5	20 28	1 28	20 24	0 8	22 0	1 20	12 41	10 2	22 57	22 54	22 10	16 33	3 31
M24	11 42	11 12	3 16	12 26	0 16	27 24	5 16	21 55	1 13	7 52	1 5	20 29	1 28	20 25	0 8	22 0	1 20	12 41	10 2	22 57	22 54	22 9	16 35	3 31
T 25	12 3	5 41	4 6	13 5	0 10	27 30	5 17	21 52	1 14	7 57	1 5	20 30	1 28	20 26	0 8	22 0	1 21	12 41	10 2	22 57	22 54	22 7	16 36	3 31
W26	12 23	0n 4	4 41	13 44	0 3	27 35	5 19	21 49	1 16	8 2	1 5	20 31	1 28	20 26	0 8	22 0	1 21	12 41	10 2	22 58	22 54	22 5	16 38	3 31
T 27	12 44	5 43	4 59	14 21	0s 4	27 40	5 19	21 45	1 18	8 6	1 5	20 32	1 28	20 27	0 8	22 0	1 21	12 41	10 2	22 59	22 55	22 4	16 39	3 31
F 28	13 4	11 2	5 1	14 58	0 11	27 45	5 20	21 42	1 20	8 11	1 5	20 33	1 28	20 28	0 8	22 0	1 21	12 40	10 2	23 0	22 55	22 2	16 41	3 31
S 29	13 24	15 45	4 47	15 35	0 17	27 48	5 20	21 39	1 21	8 16	1 5	20 34	1 28	20 28	0 8	22 0	1 21	12 40	10 2	23 1	22 55	22 0	16 42	3 31
S 30	13 44	19 39	4 18	16 10	0 24	27 51	5 20	21 36	1 23	8 21	1 5	20 35	1 27	20 29	0 8	22 0	1 21	12 40	10 2	23 2	22 56	21 59	16 44	3 32
M31	14s 3	22n33	3n37	16s45	0s31	27s54	5s20	21n33	1n25	8s25	1n 5	20s36	1n27	20s30	0n 8	22n 0	1s21	12n40	10s 2	23s 2	22s56	21n57	16s45	3n32

Julian Day Number = 2414563.5, Delta T = -3.26 sec
Ecliptic obliquity = 23°27'12, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°19'35, Lahiri = 22°26'35

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ASTRODIENST EPHEMERIS for the year 1898
geocentric

NOVEMBER 1898 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	2 41 12	8♏36'33	7♊28	16♏17	15♐19	0♌25	24♎32	10♐39	2♐18	24°R29	15°R21	10°R21	11♑43	16♋55	0♐18	T 1
W 2	2 45 9	9°36'38	19°38	17°51	15°39	0°47	24°45	10°46	2°22	24♊27	15♊20	10♑17	11°40	17° 1	0°25	W 2
T 3	2 49 6	10°36'44	1♋37	19°24	15°58	1° 9	24°58	10°52	2°25	24°26	15°19	10°14	11°37	17° 8	0°32	T 3
F 4	2 53 2	11°36'53	13°27	20°57	16°15	1°31	25°10	10°59	2°29	24°25	15°18	10°D14	11°34	17°15	0°40	F 4
S 5	2 56 59	12°37'04	25°15	22°30	16°30	1°53	25°23	11° 5	2°32	24°24	15°17	10°15	11°30	17°21	0°47	S 5
S 6	3 0 55	13°37'17	7♌ 3	24° 2	16°43	2°14	25°36	11°12	2°36	24°23	15°16	10°16	11°27	17°28	0°55	S 6
M 7	3 4 52	14°37'32	18°59	25°34	16°53	2°34	25°49	11°18	2°39	24°22	15°15	10°R16	11°24	17°34	1° 2	M 7
T 8	3 8 48	15°37'49	1♍ 8	27° 6	17° 2	2°54	26° 1	11°25	2°43	24°20	15°14	10°14	11°21	17°41	1° 9	T 8
W 9	3 12 45	16°38'08	13°33	28°37	17° 8	3°14	26°14	11°32	2°46	24°19	15°13	10°11	11°18	17°48	1°17	W 9
T 10	3 16 41	17°38'28	26°21	0♐ 8	17°12	3°33	26°27	11°38	2°50	24°18	15°12	10° 5	11°15	17°54	1°24	T 10
F 11	3 20 38	18°38'51	9♎32	1°38	17°R14	3°52	26°39	11°45	2°54	24°17	15°11	9°57	11°11	18° 1	1°32	F 11
S 12	3 24 35	19°39'15	23° 9	3° 8	17°13	4°10	26°52	11°52	2°57	24°15	15°10	9°49	11° 8	18° 8	1°39	S 12
S 13	3 28 31	20°39'42	7♏ 9	4°38	17°10	4°28	27° 4	11°58	3° 1	24°14	15° 9	9°40	11° 5	18°14	1°47	S 13
M14	3 32 28	21°40'10	21°29	6° 8	17° 4	4°45	27°17	12° 5	3° 4	24°13	15° 8	9°33	11° 2	18°21	1°55	M14
T 15	3 36 24	22°40'40	6♐ 2	7°37	16°56	5° 2	27°29	12°12	3° 8	24°11	15° 7	9°27	10°59	18°28	2° 2	T 15
W16	3 40 21	23°41'11	20°42	9° 5	16°46	5°18	27°41	12°19	3°12	24°10	15° 6	9°23	10°55	18°34	2°10	W16
T 17	3 44 17	24°41'44	5♑22	10°33	16°33	5°34	27°54	12°26	3°15	24° 8	15° 5	9°D21	10°52	18°41	2°17	T 17
F 18	3 48 14	25°42'18	19°56	12° 1	16°17	5°49	28° 6	12°33	3°19	24° 7	15° 4	9°22	10°49	18°48	2°25	F 18
S 19	3 52 11	26°42'53	4♒19	13°28	16° 0	6° 3	28°18	12°40	3°23	24° 6	15° 3	9°23	10°46	18°54	2°32	S 19
S 20	3 56 7	27°43'30	18°30	14°55	15°40	6°17	28°31	12°46	3°26	24° 4	15° 2	9°24	10°43	19° 1	2°40	S 20
M21	4 0 4	28°44'07	2♓26	16°21	15°17	6°31	28°43	12°53	3°30	24° 3	15° 1	9°R25	10°40	19° 8	2°48	M21
T 22	4 4 0	29°44'46	16° 8	17°46	14°53	6°43	28°55	13° 0	3°34	24° 1	14°59	9°23	10°36	19°14	2°55	T 22
W23	4 7 57	0♐45'26	29°36	19°10	14°26	6°56	29° 7	13° 7	3°38	24° 0	14°58	9°20	10°33	19°21	3° 3	W23
T 24	4 11 53	1°46'06	12♈50	20°34	13°58	7° 7	29°19	13°14	3°41	23°58	14°57	9°15	10°30	19°27	3°10	T 24
F 25	4 15 50	2°46'48	25°51	21°56	13°28	7°18	29°31	13°21	3°45	23°56	14°56	9° 9	10°27	19°34	3°18	F 25
S 26	4 19 46	3°47'31	8♉39	23°17	12°56	7°29	29°43	13°28	3°49	23°55	14°55	9° 3	10°24	19°41	3°26	S 26
S 27	4 23 43	4°48'16	21°15	24°37	12°23	7°38	29°54	13°35	3°52	23°53	14°54	8°57	10°21	19°47	3°33	S 27
M28	4 27 39	5°49'01	3♊38	25°56	11°48	7°47	0♏ 6	13°42	3°56	23°52	14°53	8°51	10°17	19°54	3°41	M28
T 29	4 31 36	6°49'48	15°50	27°12	11°13	7°56	0°18	13°49	4° 0	23°50	14°52	8°47	10°14	20° 1	3°48	T 29
W30	4 35 33	7♐50'36	27♊52	28♐27	10♐37	8♌ 4	0♏30	13♐57	4♐ 3	23♊49	14♊50	8♑45	10♑11	20♋ 7	3♐56	W30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	14s23	24n18	2n46	17s19	0s37	27s56	5s19	21n29	1n27	8s30	1n 5	20s37	1n27	20s30	0n 8	22n 0	1s21	12n40	10s 3	23s 3	22s56	21n55	16s46	3n32
W 2	14 42	24 51	1 48	17 52	0 44	27 57	5 18	21 26	1 29	8 35	1 5	20 38	1 27	20 31	0 8	22 0	1 21	12 39	10 3	23 3	22 56	21 53	16 48	3 32
T 3	15 1	24 13	0 46	18 24	0 50	27 58	5 17	21 23	1 31	8 39	1 5	20 39	1 27	20 32	0 8	21 59	1 21	12 39	10 3	23 3	22 57	21 52	16 49	3 32
F 4	15 20	22 29	0s17	18 55	0 57	27 58	5 15	21 20	1 33	8 44	1 5	20 40	1 27	20 33	0 8	21 59	1 21	12 39	10 3	23 3	22 57	21 50	16 51	3 32
S 5	15 38	19 48	1 20	19 25	1 3	27 57	5 13	21 18	1 35	8 49	1 5	20 41	1 27	20 33	0 8	21 59	1 21	12 39	10 3	23 3	22 57	21 48	16 52	3 32
S 6	15 56	16 17	2 19	19 54	1 9	27 56	5 10	21 15	1 37	8 53	1 5	20 42	1 27	20 34	0 8	21 59	1 21	12 39	10 3	23 3	22 58	21 47	16 53	3 32
M 7	16 14	12 5	3 13	20 23	1 15	27 54	5 7	21 12	1 39	8 58	1 5	20 43	1 26	20 35	0 8	21 59	1 21	12 39	10 3	23 3	22 58	21 45	16 55	3 32
T 8	16 32	7 21	3 59	20 50	1 21	27 51	5 3	21 9	1 41	9 2	1 5	20 44	1 26	20 35	0 8	21 59	1 21	12 38	10 3	23 3	22 58	21 43	16 56	3 32
W 9	16 49	2 14	4 35	21 16	1 27	27 48	4 59	21 7	1 43	9 7	1 5	20 45	1 26	20 36	0 8	21 59	1 21	12 38	10 3	23 4	22 58	21 41	16 58	3 33
T 10	17 6	3s 7	4 58	21 42	1 32	27 44	4 55	21 4	1 45	9 11	1 6	20 46	1 26	20 37	0 8	21 59	1 21	12 38	10 3	23 4	22 59	21 40	16 59	3 33
F 11	17 23	8 29	5 7	22 6	1 38	27 39	4 50	21 2	1 47	9 16	1 6	20 47	1 26	20 37	0 8	21 59	1 21	12 38	10 3	23 5	22 59	21 38	17 0	3 33
S 12	17 39	13 37	4 59	22 29	1 43	27 33	4 44	21 0	1 49	9 20	1 6	20 48	1 26	20 38	0 8	21 59	1 21	12 38	10 3	23 5	22 59	21 36	17 2	3 33
S 13	17 56	18 12	4 33	22 51	1 48	27 27	4 38	20 57	1 51	9 25	1 6	20 49	1 26	20 39	0 8	21 59	1 21	12 38	10 3	23 6	22 59	21 34	17 3	3 33
M14	18 12	21 50	3 49	23 12	1 53	27 19	4 31	20 55	1 53	9 29	1 6	20 50	1 26	20 40	0 8	21 59	1 21	12 37	10 4	23 7	23 0	21 33	17 4	3 33
T 15	18 27	24 7	2 50	23 31	1 57	27 11	4 24	20 53	1 56	9 34	1 6	20 51	1 26	20 40	0 8	21 59	1 21	12 37	10 4	23 7	23 0	21 31	17 6	3 33
W16	18 42	24 47	1 39	23 50	2 2	27 2	4 16	20 52	1 58	9 38	1 6	20 52	1 25	20 41	0 8	21 59	1 21	12 37	10 4	23 7	23 0	21 29	17 7	3 34
T 17	18 57	23 42	0 22	24 7	2 6	26 53	4 7	20 50	2 0	9 42	1 6	20 53	1 25	20 42	0 8	21 58	1 21	12 37	10 4	23 7	23 0	21 27	17 8	3 34
F 18	19 12	21 2	0n57	24 23	2 10	26 42	3 58	20 48	2 2	9 47	1 6	20 54	1 25	20 42	0 8	21 58	1 21	12 37	10 4	23 7	23 1	21 26	17 10	3 34
S 19	19 26	17 4	2 11	24 38	2 13	26 30	3 49	20 47	2 5	9 51	1 6	20 55	1 25	20 43	0 8	21 58	1 21	12 37	10 4	23 7	23 1	21 24	17 11	3 34
S 20	19 40	12 11	3 16	24 51	2 16	26 18	3 38	20 46	2 7	9 55	1 6	20 56	1 25	20 44	0 8	21 58	1 21	12 37	10 4	23 7	23 1	21 22	17 12	3 34
M21	19 53	6 44	4 9	25 3	2 19	26 5	3 27	20 45	2 9	10 0	1 6	20 57	1 25	20 45	0 8	21 58	1 21	12 36	10 4	23 7	23 1	21 20	17 13	3 34
T 22	20 6	1 5	4 46	25 14	2 22	25 50	3 16	20 44	2 12	10 4	1 6	20 58	1 25	20 45	0 8	21 58	1 21	12 36	10 4	23 7	23 2	21 18	17 15	3 35
W23	20 19	4n31	5 6	25 24	2 24	25 35	3 4	20 43	2 14	10 8	1 6	20 59	1 25	20 46	0 7	21 58	1 21	12 36	10 4	23 7	23 2	21 17	17 16	3 35
T 24	20 32	9 50	5 10	25 32	2 25	25 19	2 51	20 42	2 16	10 12	1 6	21 0	1 25	20 47	0 7	21 58	1 21	12 36	10 4	23 8	23 2	21 15	17 17	3 35
F 25	20 44	14 37	4 58	25 39	2 26	25 3	2 38	20 42	2 19	10 16	1 6	21 1	1 25	20 47	0 7	21 58	1 21	12 36	10 4	23 8	23 2	21 13	17 18	3 35
S 26	20 55	18 40	4 31	25 44	2 27	24 45	2 24	20 41	2 21	10 20	1 6	21 2	1 25	20 48	0 8	21 58	1 21	12 36	10 4	23 9	23 3	21 11	17 20	3 35
S 27	21 6	21 47	3 51	25 48	2 27	24 27	2 10	20 41	2 24	10 24	1 7	21 3	1 25	20 49	0 7	21 58	1 21	12 36	10 4	23 9	23 3	21 9	17 21	3 36
M28	21 17	23 50	3 0	25 50	2 27	24 8	1 56	20 41	2 26	10 28	1 7	21 4	1 24	20 50	0 7	21 58	1 21	12 35	10 4	23 9	23 3	21 7	17 22	3 36
T 29	21 28	24 44	2 2	25 51	2 26	23 48	1 41	20 41	2 29	10 33	1 7	21 5	1 24	20 50	0 7	21 57	1 21	12 35	10 4	23 10	23 3	21 6	17 23	3 36
W30	21s38	24n25	0n59	25s51	2s24	23s28	1s26	20n42	2n31	10s37	1n 7	21s 5	1n24	20s51	0n 7	21n57	1s21	12n35	10s 4	23s10	23s 4	21n 4	17s24	3n36

Julian Day Number = 2414594.5, Delta T = -3.19 sec
Ecliptic obliquity = 23°27'11, Nutation = 0°00'15, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°19'39, Lahiri = 22°26'39

created from Swiss Ephemeris, Copyright Astrodienst AG [1.5.2023]

ASTRODIENST EPHEMERIS for the year 1898
geocentric

DECEMBER 1898 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	4 39 29	8♐51'26	9♋47	29♐39	10°R 1	8♌11	0♏41	14♐ 4	4♐ 7	23°R47	14°R49	8°D45	10♑ 8	20♋14	4♐ 4	T 1
F 2	4 43 26	9°52'16	21°35	0♑49	9♐24	8°17	0°53	14°11	4°11	23♊45	14♊48	8♑45	10° 5	20°21	4°11	F 2
S 3	4 47 22	10°53'08	3♌22	1°55	8°48	8°23	1° 4	14°18	4°15	23°44	14°47	8°47	10° 1	20°27	4°19	S 3
S 4	4 51 19	11°54'01	15°11	2°58	8°12	8°27	1°15	14°25	4°18	23°42	14°46	8°49	9°58	20°34	4°26	S 4
M 5	4 55 15	12°54'55	27° 6	3°56	7°36	8°32	1°27	14°32	4°22	23°40	14°45	8°50	9°55	20°41	4°34	M 5
T 6	4 59 12	13°55'51	9♍12	4°50	7° 2	8°35	1°38	14°39	4°26	23°39	14°44	8°R51	9°52	20°47	4°41	T 6
W 7	5 3 9	14°56'48	21°34	5°39	6°28	8°38	1°49	14°46	4°29	23°37	14°42	8°51	9°49	20°54	4°49	W 7
T 8	5 7 5	15°57'46	4♎17	6°22	5°56	8°39	2° 0	14°53	4°33	23°35	14°41	8°50	9°46	21° 1	4°56	T 8
F 9	5 11 2	16°58'45	17°24	6°57	5°25	8°40	2°11	15° 0	4°37	23°34	14°40	8°48	9°42	21° 7	5° 4	F 9
S 10	5 14 58	17°59'45	0♏59	7°25	4°56	8°R41	2°22	15° 7	4°40	23°32	14°39	8°45	9°39	21°14	5°11	S 10
S 11	5 18 55	19° 0'47	15° 1	7°45	4°28	8°40	2°33	15°15	4°44	23°30	14°38	8°42	9°36	21°20	5°19	S 11
M12	5 22 51	20° 1'49	29°28	7°R55	4° 3	8°39	2°44	15°22	4°47	23°28	14°37	8°39	9°33	21°27	5°26	M12
T 13	5 26 48	21° 2'53	14♐14	7°54	3°40	8°37	2°55	15°29	4°51	23°27	14°35	8°37	9°30	21°34	5°34	T 13
W14	5 30 44	22° 3'57	29°14	7°43	3°19	8°34	3° 5	15°36	4°55	23°25	14°34	8°36	9°27	21°40	5°41	W14
T 15	5 34 41	23° 5'02	14♑18	7°20	3° 0	8°30	3°16	15°43	4°58	23°23	14°33	8°D36	9°23	21°47	5°48	T 15
F 16	5 38 38	24° 6'08	29°17	6°46	2°43	8°25	3°26	15°50	5° 2	23°22	14°32	8°37	9°20	21°54	5°56	F 16
S 17	5 42 34	25° 7'14	14♒ 4	6° 0	2°29	8°20	3°36	15°57	5° 5	23°20	14°31	8°38	9°17	22° 0	6° 3	S 17
S 18	5 46 31	26° 8'20	28°33	5° 3	2°18	8°13	3°47	16° 4	5° 9	23°18	14°30	8°39	9°14	22° 7	6°10	S 18
M19	5 50 27	27° 9'26	12♓40	3°57	2° 9	8° 6	3°57	16°11	5°12	23°17	14°29	8°40	9°11	22°14	6°18	M19
T 20	5 54 24	28°10'33	26°25	2°43	2° 2	7°58	4° 7	16°18	5°16	23°15	14°28	8°R40	9° 7	22°20	6°25	T 20
W21	5 58 20	29°11'39	9♈49	1°24	1°58	7°49	4°17	16°25	5°19	23°13	14°26	8°40	9° 4	22°27	6°32	W21
T 22	6 2 17	0♑12'46	22°52	0° 1	1°D56	7°40	4°27	16°32	5°23	23°12	14°25	8°39	9° 1	22°34	6°39	T 22
F 23	6 6 13	1°13'53	5♉38	28♐39	1°57	7°29	4°36	16°39	5°26	23°10	14°24	8°39	8°58	22°40	6°46	F 23
S 24	6 10 10	2°15'00	18° 9	27°19	2° 0	7°18	4°46	16°46	5°30	23° 8	14°23	8°38	8°55	22°47	6°53	S 24
S 25	6 14 7	3°16'08	0♊27	26° 5	2° 6	7° 6	4°56	16°53	5°33	23° 6	14°22	8°37	8°52	22°54	7° 0	S 25
M26	6 18 3	4°17'15	12°35	24°57	2°14	6°53	5° 5	17° 0	5°36	23° 5	14°21	8°36	8°48	23° 0	7° 7	M26
T 27	6 22 0	5°18'23	24°35	23°59	2°24	6°39	5°14	17° 7	5°40	23° 3	14°20	8°36	8°45	23° 7	7°14	T 27
W28	6 25 56	6°19'31	6♋29	23°10	2°36	6°25	5°24	17°13	5°43	23° 1	14°19	8°D36	8°42	23°14	7°21	W28
T 29	6 29 53	7°20'39	18°19	22°31	2°51	6°10	5°33	17°20	5°46	23° 0	14°18	8°36	8°39	23°20	7°28	T 29
F 30	6 33 49	8°21'48	0♌ 7	22° 3	3° 7	5°54	5°42	17°27	5°50	22°58	14°17	8°R36	8°36	23°27	7°35	F 30
S 31	6 37 46	9♑22'56	11♌55	21♐46	3♐26	5♌37	5♏50	17♐34	5♐53	22♊57	14♊16	8♑36	8♑33	23♋33	7♐42	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	21s47	23n 0	0s 6	25s49	2s22	23s 8	1s11	20n42	2n34	10s40	1n 7	21s 6	1n24	20s52	0n 7	21n57	1s21	12n35	10s 4	23s10	23s 4	21n 2	17s26	3n36
F 2	21 57	20 34	1 10	25 46	2 19	22 47	0 55	20 43	2 36	10 44	1 7	21 7	1 24	20 52	0 7	21 57	1 21	12 35	10 4	23 10	23 4	21 0	17 27	3 37
S 3	22 5	17 17	2 11	25 41	2 15	22 26	0 40	20 44	2 39	10 48	1 7	21 8	1 24	20 53	0 7	21 57	1 21	12 35	10 4	23 10	23 4	20 58	17 28	3 37
S 4	22 14	13 18	3 7	25 35	2 10	22 5	0 24	20 45	2 42	10 52	1 7	21 9	1 24	20 54	0 7	21 57	1 21	12 35	10 4	23 10	23 5	20 56	17 29	3 37
M 5	22 22	8 48	3 56	25 28	2 4	21 44	0 9	20 47	2 44	10 56	1 7	21 10	1 24	20 54	0 7	21 57	1 21	12 35	10 4	23 9	23 5	20 55	17 30	3 37
T 6	22 29	3 53	4 34	25 19	1 57	21 23	0n 7	20 49	2 47	11 0	1 7	21 11	1 24	20 55	0 7	21 57	1 21	12 35	10 4	23 9	23 5	20 53	17 31	3 38
W 7	22 36	1s16	5 1	25 9	1 49	21 2	0 22	20 50	2 50	11 4	1 7	21 12	1 24	20 56	0 7	21 57	1 21	12 35	10 4	23 9	23 5	20 51	17 32	3 38
T 8	22 43	6 31	5 15	24 58	1 40	20 42	0 37	20 53	2 52	11 7	1 8	21 12	1 24	20 56	0 7	21 57	1 21	12 35	10 4	23 9	23 6	20 49	17 33	3 38
F 9	22 49	11 38	5 12	24 46	1 30	20 22	0 52	20 55	2 55	11 11	1 8	21 13	1 24	20 57	0 7	21 57	1 21	12 34	10 4	23 10	23 6	20 47	17 34	3 38
S 10	22 55	16 23	4 52	24 33	1 18	20 2	1 7	20 57	2 58	11 15	1 8	21 14	1 24	20 58	0 7	21 57	1 21	12 34	10 3	23 10	23 6	20 45	17 35	3 39
S 11	23 0	20 24	4 15	24 19	1 5	19 43	1 21	21 0	3 0	11 18	1 8	21 15	1 24	20 58	0 7	21 57	1 21	12 34	10 3	23 10	23 6	20 43	17 36	3 39
M12	23 5	23 18	3 20	24 4	0 51	19 25	1 35	21 3	3 3	11 22	1 8	21 16	1 24	20 59	0 7	21 56	1 21	12 34	10 3	23 10	23 7	20 41	17 37	3 39
T 13	23 9	24 41	2 11	23 49	0 36	19 8	1 48	21 6	3 6	11 25	1 8	21 17	1 24	21 0	0 7	21 56	1 21	12 34	10 3	23 10	23 7	20 40	17 38	3 40
W14	23 13	24 19	0 52	23 32	0 19	18 51	2 1	21 10	3 8	11 29	1 8	21 17	1 24	21 0	0 7	21 56	1 21	12 34	10 3	23 10	23 7	20 38	17 39	3 40
T 15	23 16	22 10	0n32	23 16	0 1	18 35	2 13	21 13	3 11	11 32	1 8	21 18	1 23	21 1	0 7	21 56	1 21	12 34	10 3	23 10	23 7	20 36	17 40	3 40
F 16	23 19	18 29	1 52	22 59	0n18	18 20	2 25	21 17	3 14	11 36	1 8	21 19	1 23	21 2	0 7	21 56	1 21	12 34	10 3	23 10	23 7	20 34	17 41	3 40
S 17	23 22	13 41	3 4	22 41	0 38	18 7	2 37	21 21	3 17	11 39	1 9	21 20	1 23	21 2	0 7	21 56	1 21	12 34	10 3	23 10	23 8	20 32	17 42	3 41
S 18	23 24	8 11	4 3	22 23	0 58	17 54	2 47	21 26	3 19	11 42	1 9	21 20	1 23	21 3	0 7	21 56	1 21	12 34	10 3	23 10	23 8	20 30	17 43	3 41
M19	23 25	2 25	4 46	22 6	1 18	17 42	2 58	21 30	3 22	11 46	1 9	21 21	1 23	21 4	0 7	21 56	1 21	12 34	10 3	23 10	23 8	20 28	17 44	3 41
T 20	23 26	3n19	5 10	21 48	1 37	17 31	3 7	21 35	3 25	11 49	1 9	21 22	1 23	21 4	0 7	21 56	1 21	12 34	10 3	23 10	23 8	20 26	17 45	3 42
W21	23 27	8 45	5 17	21 31	1 56	17 21	3 17	21 40	3 27	11 52	1 9	21 23	1 23	21 5	0 7	21 56	1 21	12 34	10 3	23 10	23 9	20 24	17 46	3 42
T 22	23 27	13 39	5 8	21 15	2 13	17 12	3 25	21 45	3 30	11 55	1 9	21 23	1 23	21 6	0 7	21 56	1 21	12 34	10 3	23 10	23 9	20 22	17 47	3 42
F 23	23 27	17 51	4 43	20 59	2 28	17 5	3 33	21 50	3 33	11 59	1 9	21 24	1 23	21 6	0 7	21 56	1 21	12 34	10 2	23 10	23 9	20 20	17 47	3 43
S 24	23 26	21 10	4 5	20 45	2 40	16 58	3 41	21 55	3 35	12 2	1 9	21 25	1 23	21 7	0 7	21 56	1 21	12 34	10 2	23 10	23 9	20 18	17 48	3 43
S 25	23 25	23 28	3 17	20 33	2 51	16 52	3 48	22 1	3 38	12 5	1 10	21 26	1 23	21 7	0 7	21 55	1 21	12 34	10 2	23 10	23 9	20 17	17 49	3 43
M26	23 23	24 38	2 20	20 23	2 59	16 47	3 55	22 7	3 40	12 8	1 10	21 26	1 23	21 8	0 7	21 55	1 21	12 34	10 2	23 10	23 10	20 15	17 50	3 44
T 27	23 21	24 38	1 17	20 15	3 4	16 43	4 1	22 13	3 43	12 11	1 10	21 27	1 23	21 9	0 7	21 55	1 21	12 34	10 2	23 10	23 10	20 13	17 51	3 44
W28	23 18	23 29	0 12	20 9	3 7	16 40	4 6	22 19	3 45	12 14	1 10	21 28	1 23	21 9	0 7	21 55	1 21	12 34	10 2	23 10	23 10	20 11	17 51	3 45
T 29	23 15	21 19	0s54	20 6	3 8	16 37	4 12	22 25	3 48	12 17	1 10	21 28	1 23	21 10	0 7	21 55	1 21	12 34	10 2	23 10	23 10	20 9	17 52	3 45
F 30	23 11	18 14	1 57	20 6	3 8	16 36	4 16	22 31	3 50	12 19	1 10	21 29	1 23	21 10	0 7	21 55	1 21	12 34	10 2	23 10	23 10	20 7	17 53	3 45
S 31	23s 7	14n25	2s55	20s 7	3n 5	16s35	4n21	22n38	3n53	12s22	1n10	21s29	1n23	21s11	0n 7	21n55	1s21	12n34	10s 1	23s10	23s11	20n 5	17s54	3n46

Julian Day Number = 2414624.5, Delta T = -3.11 sec
Ecliptic obliquity = 23°27'10, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°19'43, Lahiri = 22°26'43

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ASTRODIENST EPHEMERIS for the year 1899
geocentric

JANUARY 1899 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	6 41 42	10♑24'05	23♌46	21°D38	3♐47	5°R20	5♏59	17♐41	5♐56	22°R55	14°R15	8°R36	8♑29	23♋40	7♐49	S 1
M 2	6 45 39	11°25'13	5♍44	21♐40	4° 9	5♌ 1	6° 8	17°47	5°59	22♊53	14♊14	8♑35	8°26	23°47	7°56	M 2
T 3	6 49 36	12°26'22	17°51	21°50	4°34	4°43	6°16	17°54	6° 2	22°52	14°13	8°35	8°23	23°53	8° 2	T 3
W 4	6 53 32	13°27'31	0♎11	22° 8	5° 0	4°23	6°25	18° 1	6° 6	22°50	14°12	8°35	8°20	24° 0	8° 9	W 4
T 5	6 57 29	14°28'41	12°49	22°34	5°28	4° 3	6°33	18° 7	6° 9	22°49	14°11	8°D34	8°17	24° 7	8°15	T 5
F 6	7 1 25	15°29'50	25°49	23° 6	5°57	3°43	6°41	18°14	6°12	22°47	14°10	8°35	8°13	24°13	8°22	F 6
S 7	7 5 22	16°31'00	9♏13	23°43	6°28	3°22	6°49	18°20	6°15	22°46	14° 9	8°35	8°10	24°20	8°29	S 7
S 8	7 9 18	17°32'10	23° 4	24°27	7° 1	3° 0	6°57	18°27	6°18	22°44	14° 8	8°36	8° 7	24°27	8°35	S 8
M 9	7 13 15	18°33'20	7♐22	25°15	7°35	2°38	7° 5	18°33	6°21	22°43	14° 7	8°37	8° 4	24°33	8°41	M 9
T 10	7 17 12	19°34'30	22° 4	26° 7	8°11	2°16	7°13	18°40	6°24	22°41	14° 6	8°37	8° 1	24°40	8°48	T 10
W11	7 21 8	20°35'40	7♑ 6	27° 3	8°48	1°53	7°20	18°46	6°27	22°40	14° 5	8°R38	7°58	24°47	8°54	W11
T 12	7 25 5	21°36'49	22°19	28° 2	9°26	1°30	7°27	18°53	6°30	22°38	14° 4	8°37	7°54	24°53	9° 0	T 12
F 13	7 29 1	22°37'58	7♒33	29° 4	10° 5	1° 7	7°35	18°59	6°32	22°37	14° 3	8°36	7°51	25° 0	9° 6	F 13
S 14	7 32 58	23°39'07	22°39	0♑ 9	10°46	0°43	7°42	19° 5	6°35	22°35	14° 2	8°35	7°48	25° 7	9°13	S 14
S 15	7 36 54	24°40'14	7♓27	1°17	11°28	0°19	7°49	19°12	6°38	22°34	14° 1	8°33	7°45	25°13	9°19	S 15
M16	7 40 51	25°41'21	21°52	2°26	12°10	29♋55	7°55	19°18	6°41	22°33	14° 1	8°30	7°42	25°20	9°25	M16
T 17	7 44 47	26°42'28	5♈50	3°38	12°54	29°31	8° 2	19°24	6°44	22°31	14° 0	8°29	7°39	25°27	9°31	T 17
W18	7 48 44	27°43'33	19°21	4°52	13°39	29° 7	8° 9	19°30	6°46	22°30	13°59	8°28	7°35	25°33	9°36	W18
T 19	7 52 41	28°44'38	2♉25	6° 7	14°25	28°43	8°15	19°36	6°49	22°29	13°58	8°D27	7°32	25°40	9°42	T 19
F 20	7 56 37	29°45'41	15° 7	7°23	15°12	28°19	8°21	19°42	6°51	22°27	13°57	8°28	7°29	25°47	9°48	F 20
S 21	8 0 34	0♒46'44	27°29	8°41	16° 0	27°55	8°27	19°48	6°54	22°26	13°57	8°30	7°26	25°53	9°54	S 21
S 22	8 4 30	1°47'46	9♊38	10° 1	16°48	27°31	8°33	19°54	6°57	22°25	13°56	8°31	7°23	26° 0	9°59	S 22
M23	8 8 27	2°48'46	21°36	11°21	17°37	27° 8	8°39	20° 0	6°59	22°23	13°55	8°33	7°19	26° 6	10° 5	M23
T 24	8 12 23	3°49'46	3♋27	12°43	18°28	26°44	8°44	20° 5	7° 1	22°22	13°55	8°R34	7°16	26°13	10°10	T 24
W25	8 16 20	4°50'45	15°16	14° 6	19°19	26°21	8°50	20°11	7° 4	22°21	13°54	8°34	7°13	26°20	10°16	W25
T 26	8 20 16	5°51'43	27° 3	15°30	20°10	25°59	8°55	20°17	7° 6	22°20	13°53	8°32	7°10	26°26	10°21	T 26
F 27	8 24 13	6°52'40	8♌53	16°54	21° 3	25°36	9° 0	20°22	7° 9	22°19	13°53	8°29	7° 7	26°33	10°26	F 27
S 28	8 28 10	7°53'36	20°46	18°20	21°56	25°14	9° 5	20°28	7°11	22°18	13°52	8°25	7° 4	26°40	10°32	S 28
S 29	8 32 6	8°54'31	2♍44	19°47	22°50	24°53	9°10	20°34	7°13	22°17	13°51	8°20	7° 0	26°46	10°37	S 29
M30	8 36 3	9°55'25	14°50	21°14	23°44	24°32	9°15	20°39	7°15	22°16	13°51	8°14	6°57	26°53	10°42	M30
T 31	8 39 59	10♒56'18	27♍ 5	22♑42	24♐39	24♋11	9♏19	20♐44	7♐17	22♊15	13♊50	8♑ 8	6♑54	27♋ 0	10♐47	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23s 3	10n 3	3s46	20s10	3n 1	16s35	4n25	22n44	3n55	12s25	1n11	21s30	1n23	21s11	0n 7	21n55	1s21	12n34	10s 1	23s10	23s11	20n 3	17s54	3n46
M 2	22 58	5 16	4 27	20 16	2 56	16 36	4 28	22 51	3 57	12 28	1 11	21 31	1 23	21 12	0 7	21 55	1 21	12 34	10 1	23 10	23 11	20 1	17 55	3 46
T 3	22 52	0 14	4 57	20 22	2 50	16 37	4 31	22 58	3 59	12 30	1 11	21 31	1 23	21 13	0 7	21 55	1 21	12 34	10 1	23 10	23 11	19 59	17 56	3 47
W 4	22 46	4s53	5 15	20 30	2 43	16 39	4 34	23 5	4 1	12 33	1 11	21 32	1 23	21 13	0 7	21 55	1 21	12 34	10 1	23 11	23 11	19 57	17 56	3 47
T 5	22 40	9 56	5 17	20 39	2 36	16 42	4 36	23 11	4 3	12 35	1 11	21 33	1 23	21 14	0 7	21 55	1 21	12 34	10 1	23 11	23 12	19 55	17 57	3 48
F 6	22 33	14 41	5 4	20 49	2 27	16 45	4 38	23 18	4 5	12 38	1 11	21 33	1 23	21 14	0 7	21 55	1 21	12 34	10 1	23 11	23 12	19 53	17 57	3 48
S 7	22 26	18 54	4 34	20 59	2 19	16 48	4 40	23 25	4 7	12 40	1 11	21 34	1 23	21 15	0 7	21 55	1 21	12 34	10 0	23 10	23 12	19 51	17 58	3 49
S 8	22 18	22 13	3 47	21 10	2 10	16 52	4 41	23 32	4 9	12 43	1 12	21 34	1 23	21 15	0 7	21 55	1 21	12 34	10 0	23 10	23 12	19 49	17 59	3 49
M 9	22 10	24 16	2 45	21 21	2 1	16 57	4 42	23 39	4 10	12 45	1 12	21 35	1 23	21 16	0 7	21 55	1 21	12 34	10 0	23 10	23 12	19 47	17 59	3 49
T 10	22 1	24 43	1 31	21 32	1 52	17 2	4 43	23 45	4 12	12 48	1 12	21 35	1 23	21 16	0 7	21 54	1 21	12 34	10 0	23 10	23 13	19 45	18 0	3 50
W11	21 52	23 24	0 9	21 43	1 43	17 7	4 43	23 52	4 14	12 50	1 12	21 36	1 23	21 17	0 7	21 54	1 21	12 34	10 0	23 10	23 13	19 43	18 0	3 50
T 12	21 43	20 22	1n15	21 53	1 33	17 12	4 44	23 59	4 15	12 52	1 12	21 36	1 23	21 17	0 7	21 54	1 21	12 34	10 0	23 10	23 13	19 41	18 1	3 51
F 13	21 33	15 55	2 34	22 3	1 24	17 18	4 44	24 5	4 16	12 54	1 12	21 37	1 23	21 18	0 7	21 54	1 21	12 35	9 59	23 10	23 13	19 39	18 1	3 51
S 14	21 23	10 30	3 41	22 13	1 14	17 24	4 43	24 12	4 17	12 56	1 13	21 37	1 23	21 18	0 7	21 54	1 21	12 35	9 59	23 10	23 13	19 37	18 2	3 52
S 15	21 12	4 35	4 31	22 22	1 5	17 30	4 43	24 18	4 19	12 58	1 13	21 38	1 23	21 19	0 7	21 54	1 21	12 35	9 59	23 11	23 14	19 35	18 2	3 52
M16	21 1	1n25	5 3	22 30	0 56	17 36	4 42	24 24	4 20	13 1	1 13	21 38	1 23	21 19	0 7	21 54	1 20	12 35	9 59	23 11	23 14	19 33	18 3	3 53
T 17	20 50	7 9	5 16	22 37	0 47	17 43	4 41	24 30	4 20	13 2	1 13	21 39	1 23	21 20	0 7	21 54	1 20	12 35	9 59	23 11	23 14	19 31	18 3	3 53
W18	20 38	12 22	5 11	22 44	0 38	17 49	4 40	24 36	4 21	13 4	1 13	21 39	1 23	21 20	0 7	21 54	1 20	12 35	9 58	23 11	23 14	19 29	18 3	3 53
T 19	20 25	16 50	4 49	22 50	0 29	17 56	4 38	24 42	4 22	13 6	1 13	21 40	1 23	21 21	0 7	21 54	1 20	12 35	9 58	23 11	23 14	19 27	18 4	3 54
F 20	20 13	20 25	4 14	22 55	0 20	18 3	4 37	24 47	4 22	13 8	1 14	21 40	1 23	21 21	0 7	21 54	1 20	12 35	9 58	23 11	23 14	19 25	18 4	3 54
S 21	20 0	22 59	3 28	22 58	0 12	18 10	4 35	24 53	4 23	13 10	1 14	21 41	1 23	21 21	0 7	21 54	1 20	12 35	9 58	23 11	23 15	19 23	18 4	3 55
S 22	19 46	24 26	2 33	23 1	0 3	18 16	4 33	24 58	4 23	13 12	1 14	21 41	1 23	21 22	0 7	21 54	1 20	12 35	9 58	23 11	23 15	19 21	18 5	3 55
M23	19 32	24 43	1 32	23 3	0s 5	18 23	4 31	25 3	4 23	13 13	1 14	21 41	1 23	21 22	0 7	21 54	1 20	12 36	9 57	23 11	23 15	19 18	18 5	3 56
T 24	19 18	23 53	0 28	23 3	0 13	18 30	4 28	25 8	4 23	13 15	1 14	21 42	1 23	21 23	0 7	21 54	1 20	12 36	9 57	23 11	23 15	19 16	18 5	3 56
W25	19 4	21 58	0s37	23 3	0 21	18 36	4 26	25 12	4 23	13 16	1 15	21 42	1 23	21 23	0 7	21 54	1 20	12 36	9 57	23 11	23 15	19 14	18 5	3 57
T 26	18 49	19 7	1 40	23 1	0 28	18 43	4 23	25 16	4 23	13 18	1 15	21 43	1 23	21 24	0 7	21 54	1 20	12 36	9 57	23 11	23 16	19 12	18 6	3 57
F 27	18 34	15 30	2 39	22 58	0 36	18 49	4 20	25 20	4 23	13 19	1 15	21 43	1 23	21 24	0 7	21 54	1 20	12 36	9 57	23 11	23 16	19 10	18 6	3 58
S 28	18 18	11 15	3 31	22 54	0 43	18 55	4 18	25 24	4 23	13 21	1 15	21 43	1 24	21 24	0 7	21 54	1 20	12 36	9 56	23 11	23 16	19 8	18 6	3 59
S 29	18 2	6 33	4 14	22 49	0 50	19 1	4 14	25 28	4 22	13 22	1 15	21 44	1 24	21 25	0 7	21 54	1 20	12 36	9 56	23 11	23 16	19 6	18 6	3 59
M30	17 46	1 34	4 47	22 42	0 56	19 7	4 11	25 31	4 22	13 23	1 16	21 44	1 24	21 25	0 7	21 54	1 20	12 37	9 56	23 12	23 16	19 4	18 7	4 0
T 31	17s30	3s31	5s 6	22s34	1s 3	19s13	4n 8	25n34	4n21	13s25	1n16	21s44	1n24	21s25	0n 7	21n54	1s20	12n37	9s56	23s12	23s16	19n 2	18s 7	4n 0

Julian Day Number = 2414655.5, Delta T = -3.03 sec
Ecliptic obliquity = 23°27'10, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°19'47, Lahiri = 22°26'48

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ASTRODIENST EPHEMERIS for the year 1899
geocentric

FEBRUARY 1899 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	8 43 56	11♒57'10	9♎31	24♑11	25♐35	23°R52	9♏23	20♐50	7♐19	22°R14	13°R50	8°R 3	6♑51	27♋ 6	10♐52	W 1
T 2	8 47 52	12°58'02	22°11	25°41	26°31	23♋32	9°27	20°55	7°21	22♊13	13♊49	8♑ 0	6°48	27°13	10°57	T 2
F 3	8 51 49	13°58'53	5♏ 8	27°12	27°28	23°13	9°31	21° 0	7°23	22°12	13°49	7°58	6°45	27°20	11° 1	F 3
S 4	8 55 45	14°59'42	18°24	28°43	28°25	22°55	9°35	21° 5	7°25	22°11	13°48	7°D57	6°41	27°26	11° 6	S 4
S 5	8 59 42	16° 0'32	2♐ 2	0♒16	29°23	22°38	9°39	21°10	7°27	22°10	13°48	7°58	6°38	27°33	11°11	S 5
M 6	9 3 39	17° 1'20	16° 4	1°49	0♑21	22°21	9°42	21°15	7°29	22° 9	13°47	8° 0	6°35	27°40	11°15	M 6
T 7	9 7 35	18° 2'07	0♑29	3°22	1°20	22° 5	9°45	21°20	7°31	22° 8	13°47	8°R 1	6°32	27°46	11°19	T 7
W 8	9 11 32	19° 2'53	15°15	4°57	2°19	21°49	9°49	21°25	7°33	22° 8	13°46	8° 1	6°29	27°53	11°24	W 8
T 9	9 15 28	20° 3'38	0♒17	6°32	3°18	21°35	9°51	21°30	7°34	22° 7	13°46	7°59	6°25	28° 0	11°28	T 9
F 10	9 19 25	21° 4'22	15°27	8° 9	4°18	21°21	9°54	21°35	7°36	22° 6	13°46	7°55	6°22	28° 6	11°32	F 10
S 11	9 23 21	22° 5'04	0♓35	9°46	5°19	21° 8	9°57	21°39	7°38	22° 5	13°45	7°49	6°19	28°13	11°36	S 11
S 12	9 27 18	23° 5'45	15°32	11°23	6°20	20°55	9°59	21°44	7°39	22° 5	13°45	7°42	6°16	28°20	11°40	S 12
M13	9 31 14	24° 6'25	0♈ 8	13° 2	7°21	20°44	10° 1	21°48	7°41	22° 4	13°45	7°34	6°13	28°26	11°44	M13
T 14	9 35 11	25° 7'02	14°17	14°42	8°22	20°33	10° 3	21°53	7°42	22° 4	13°44	7°28	6°10	28°33	11°48	T 14
W15	9 39 8	26° 7'38	27°57	16°22	9°24	20°23	10° 5	21°57	7°44	22° 3	13°44	7°22	6° 6	28°40	11°52	W15
T 16	9 43 4	27° 8'13	11♉ 9	18° 3	10°26	20°14	10° 6	22° 1	7°45	22° 2	13°44	7°19	6° 3	28°46	11°55	T 16
F 17	9 47 1	28° 8'45	23°54	19°45	11°29	20° 5	10° 8	22° 5	7°46	22° 2	13°44	7°D17	6° 0	28°53	11°59	F 17
S 18	9 50 57	29° 9'16	6♊18	21°29	12°31	19°58	10° 9	22°10	7°48	22° 1	13°43	7°17	5°57	28°59	12° 2	S 18
S 19	9 54 54	0♓ 9'45	18°24	23°13	13°34	19°51	10°10	22°14	7°49	22° 1	13°43	7°18	5°54	29° 6	12° 6	S 19
M20	9 58 50	1°10'12	0♋19	24°58	14°38	19°45	10°11	22°18	7°50	22° 1	13°43	7°19	5°51	29°13	12° 9	M20
T 21	10 2 47	2°10'37	12° 7	26°43	15°41	19°40	10°12	22°21	7°51	22° 0	13°43	7°R20	5°47	29°19	12°12	T 21
W22	10 6 43	3°11'01	23°54	28°30	16°45	19°35	10°12	22°25	7°52	22° 0	13°43	7°18	5°44	29°26	12°15	W22
T 23	10 10 40	4°11'22	5♌42	0♓18	17°49	19°32	10°12	22°29	7°53	22° 0	13°43	7°14	5°41	29°33	12°18	T 23
F 24	10 14 37	5°11'42	17°35	2° 7	18°54	19°29	10°R12	22°32	7°54	21°59	13°43	7° 7	5°38	29°39	12°21	F 24
S 25	10 18 33	6°12'00	29°36	3°57	19°58	19°27	10°12	22°36	7°55	21°59	13°43	6°58	5°35	29°46	12°24	S 25
S 26	10 22 30	7°12'16	11♍45	5°47	21° 3	19°26	10°12	22°39	7°56	21°59	13°D43	6°47	5°31	29°53	12°27	S 26
M27	10 26 26	8°12'30	24° 4	7°39	22° 8	19°D25	10°12	22°43	7°57	21°59	13°43	6°36	5°28	29°59	12°29	M27
T 28	10 30 23	9♓12'43	6♎33	9♓31	23♑14	19♋25	10♏11	22♐46	7♐57	21♊59	13♊43	6♑24	5♑25	0♌ 6	12♐32	T 28

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	17s13	8s33	5s12	22s25	1s 9	19s18	4n 5	25n37	4n21	13s26	1n16	21s45	1n24	21s26	0n 7	21n54	1s20	12n37	9s56	23s12	23s17	19n 0	18s 7	4n 1
T 2	16 56	13 19	5 3	22 14	1 15	19 23	4 1	25 40	4 20	13 27	1 16	21 45	1 24	21 26	0 7	21 54	1 20	12 37	9 55	23 13	23 17	18 58	18 7	4 1
F 3	16 38	17 36	4 38	22 3	1 20	19 28	3 57	25 42	4 19	13 28	1 16	21 45	1 24	21 26	0 7	21 54	1 20	12 37	9 55	23 13	23 17	18 56	18 7	4 2
S 4	16 21	21 7	3 58	21 49	1 25	19 33	3 54	25 45	4 18	13 29	1 17	21 46	1 24	21 27	0 7	21 54	1 20	12 37	9 55	23 13	23 17	18 54	18 7	4 2
S 5	16 3	23 34	3 3	21 35	1 31	19 37	3 50	25 47	4 17	13 30	1 17	21 46	1 24	21 27	0 7	21 54	1 20	12 38	9 55	23 13	23 17	18 51	18 7	4 3
M 6	15 45	24 39	1 57	21 19	1 35	19 41	3 46	25 48	4 16	13 31	1 17	21 46	1 24	21 27	0 7	21 54	1 20	12 38	9 54	23 13	23 17	18 49	18 7	4 3
T 7	15 26	24 8	0 41	21 2	1 40	19 45	3 42	25 50	4 15	13 32	1 17	21 46	1 24	21 28	0 7	21 54	1 20	12 38	9 54	23 13	23 17	18 47	18 7	4 4
W 8	15 7	21 56	0n39	20 43	1 44	19 48	3 38	25 51	4 14	13 32	1 17	21 47	1 24	21 28	0 7	21 54	1 20	12 38	9 54	23 13	23 18	18 45	18 7	4 5
T 9	14 48	18 11	1 58	20 23	1 48	19 51	3 34	25 52	4 12	13 33	1 18	21 47	1 24	21 28	0 7	21 54	1 19	12 38	9 54	23 13	23 18	18 43	18 7	4 5
F 10	14 29	13 12	3 9	20 2	1 51	19 54	3 29	25 53	4 11	13 34	1 18	21 47	1 24	21 28	0 7	21 54	1 19	12 39	9 53	23 13	23 18	18 41	18 7	4 6
S 11	14 9	7 26	4 6	19 39	1 54	19 56	3 25	25 54	4 10	13 34	1 18	21 47	1 24	21 29	0 7	21 54	1 19	12 39	9 53	23 13	23 18	18 39	18 7	4 6
S 12	13 50	1 19	4 46	19 15	1 57	19 58	3 21	25 54	4 8	13 35	1 18	21 48	1 24	21 29	0 7	21 54	1 19	12 39	9 53	23 14	23 18	18 37	18 7	4 7
M13	13 30	4n44	5 6	18 49	2 0	19 59	3 16	25 55	4 7	13 35	1 18	21 48	1 24	21 29	0 7	21 54	1 19	12 39	9 53	23 14	23 18	18 34	18 7	4 7
T 14	13 9	10 20	5 6	18 23	2 2	20 0	3 12	25 55	4 5	13 36	1 19	21 48	1 24	21 30	0 7	21 54	1 19	12 39	9 52	23 15	23 19	18 32	18 7	4 8
W15	12 49	15 15	4 49	17 54	2 4	20 0	3 7	25 55	4 3	13 36	1 19	21 48	1 24	21 30	0 7	21 54	1 19	12 40	9 52	23 15	23 19	18 30	18 7	4 9
T 16	12 28	19 15	4 17	17 24	2 5	20 0	3 3	25 55	4 2	13 36	1 19	21 48	1 24	21 30	0 7	21 54	1 19	12 40	9 52	23 15	23 19	18 28	18 7	4 9
F 17	12 7	22 11	3 32	16 53	2 6	20 0	2 58	25 54	4 0	13 37	1 19	21 49	1 25	21 30	0 7	21 54	1 19	12 40	9 52	23 15	23 19	18 26	18 7	4 10
S 18	11 46	23 59	2 39	16 21	2 6	19 59	2 53	25 54	3 58	13 37	1 19	21 49	1 25	21 30	0 7	21 54	1 19	12 40	9 51	23 15	23 19	18 24	18 6	4 11
S 19	11 25	24 37	1 40	15 47	2 7	19 58	2 49	25 53	3 57	13 37	1 20	21 49	1 25	21 31	0 7	21 54	1 19	12 40	9 51	23 15	23 19	18 22	18 6	4 11
M20	11 4	24 5	0 38	15 11	2 6	19 56	2 44	25 52	3 55	13 37	1 20	21 49	1 25	21 31	0 7	21 54	1 19	12 41	9 51	23 15	23 19	18 19	18 6	4 12
T 21	10 42	22 28	0s26	14 35	2 6	19 54	2 39	25 51	3 53	13 37	1 20	21 49	1 25	21 31	0 7	21 54	1 19	12 41	9 51	23 15	23 20	18 17	18 6	4 12
W22	10 21	19 54	1 28	13 57	2 4	19 51	2 34	25 50	3 51	13 37	1 20	21 49	1 25	21 31	0 7	21 54	1 19	12 41	9 50	23 15	23 20	18 15	18 6	4 13
T 23	9 59	16 30	2 26	13 17	2 3	19 48	2 30	25 49	3 49	13 37	1 20	21 50	1 25	21 31	0 7	21 54	1 19	12 41	9 50	23 15	23 20	18 13	18 5	4 14
F 24	9 37	12 25	3 18	12 36	2 1	19 44	2 25	25 47	3 48	13 37	1 21	21 50	1 25	21 31	0 7	21 54	1 19	12 42	9 50	23 16	23 20	18 11	18 5	4 14
S 25	9 15	7 50	4 2	11 54	1 58	19 40	2 20	25 46	3 46	13 37	1 21	21 50	1 25	21 32	0 7	21 54	1 19	12 42	9 50	23 16	23 20	18 9	18 5	4 15
S 26	8 52	2 55	4 35	11 10	1 55	19 35	2 15	25 44	3 44	13 36	1 21	21 50	1 25	21 32	0 7	21 54	1 19	12 42	9 49	23 17	23 20	18 6	18 5	4 15
M27	8 30	2s10	4 56	10 25	1 51	19 29	2 10	25 42	3 42	13 36	1 21	21 50	1 25	21 32	0 7	21 54	1 19	12 42	9 49	23 17	23 20	18 4	18 4	4 16
T 28	8s 7	7s15	5s 3	9s39	1s47	19s24	2n 5	25n41	3n40	13s36	1n21	21s50	1n25	21s32	0n 7	21n54	1s19	12n43	9s49	23s18	23s21	18n 2	18s 4	4n17

Julian Day Number = 2414686.5, Delta T = -2.95 sec
Ecliptic obliquity = 23°27'10, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°19'51, Lahiri = 22°26'52

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ASTRODIENST EPHEMERIS for the year 1899
geocentric

MARCH 1899 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	10 34 19	10♓12'54	19♎14	11♓25	24♉19	19♋26	10°R10	22♐49	7♐58	21°R59	13♊43	6°R13	5♉22	0♌13	12♐34	W 1
T 2	10 38 16	11°13'03	2♏ 6	13°19	25°25	19°28	10♏ 9	22°52	7°59	21♊59	13°43	6♉ 5	5°19	0°19	12°37	T 2
F 3	10 42 12	12°13'11	15°10	15°14	26°31	19°30	10° 8	22°55	7°59	21°D58	13°43	5°59	5°16	0°26	12°39	F 3
S 4	10 46 9	13°13'17	28°29	17°10	27°37	19°33	10° 7	22°58	8° 0	21°59	13°43	5°56	5°12	0°33	12°41	S 4
S 5	10 50 5	14°13'22	12♐ 3	19° 6	28°44	19°37	10° 5	23° 1	8° 0	21°59	13°43	5°D55	5° 9	0°39	12°43	S 5
M 6	10 54 2	15°13'25	25°53	21° 2	29°50	19°41	10° 3	23° 4	8° 1	21°59	13°43	5°55	5° 6	0°46	12°45	M 6
T 7	10 57 59	16°13'27	10♑ 2	22°59	0♒57	19°46	10° 1	23° 6	8° 1	21°59	13°43	5°R56	5° 3	0°53	12°47	T 7
W 8	11 1 55	17°13'27	24°28	24°56	2° 4	19°52	9°59	23° 9	8° 1	21°59	13°44	5°54	5° 0	0°59	12°49	W 8
T 9	11 5 52	18°13'25	9♒ 8	26°53	3°11	19°59	9°57	23°11	8° 2	21°59	13°44	5°51	4°57	1° 6	12°50	T 9
F 10	11 9 48	19°13'22	23°57	28°49	4°18	20° 6	9°54	23°14	8° 2	21°59	13°44	5°44	4°53	1°13	12°52	F 10
S 11	11 13 45	20°13'17	8♓49	0♈45	5°26	20°13	9°51	23°16	8° 2	22° 0	13°44	5°35	4°50	1°19	12°53	S 11
S 12	11 17 41	21°13'10	23°34	2°40	6°33	20°22	9°49	23°18	8° 2	22° 0	13°45	5°24	4°47	1°26	12°54	S 12
M13	11 21 38	22°13'01	8♈ 5	4°33	7°41	20°30	9°46	23°20	8°R 2	22° 0	13°45	5°13	4°44	1°33	12°56	M13
T 14	11 25 34	23°12'50	22°14	6°24	8°48	20°40	9°42	23°22	8° 2	22° 0	13°45	5° 2	4°41	1°39	12°57	T 14
W15	11 29 31	24°12'36	5♉57	8°14	9°56	20°50	9°39	23°24	8° 2	22° 1	13°46	4°52	4°37	1°46	12°58	W15
T 16	11 33 28	25°12'21	19°12	10° 0	11° 4	21° 1	9°35	23°26	8° 2	22° 1	13°46	4°45	4°34	1°53	12°59	T 16
F 17	11 37 24	26°12'04	2♊ 2	11°44	12°13	21°12	9°32	23°28	8° 2	22° 2	13°46	4°41	4°31	1°59	12°59	F 17
S 18	11 41 21	27°11'44	14°29	13°24	13°21	21°24	9°28	23°29	8° 1	22° 2	13°47	4°39	4°28	2° 6	13° 0	S 18
S 19	11 45 17	28°11'22	26°38	14°59	14°29	21°36	9°24	23°31	8° 1	22° 3	13°47	4°38	4°25	2°13	13° 1	S 19
M20	11 49 14	29°10'57	8♋34	16°31	15°38	21°49	9°19	23°32	8° 1	22° 3	13°48	4°38	4°22	2°19	13° 1	M20
T 21	11 53 10	0♈10'31	20°23	17°57	16°46	22° 2	9°15	23°33	8° 0	22° 4	13°48	4°38	4°18	2°26	13° 2	T 21
W22	11 57 7	1°10'02	2♌11	19°18	17°55	22°16	9°10	23°34	8° 0	22° 5	13°49	4°35	4°15	2°33	13° 2	W22
T 23	12 1 3	2° 9'31	14° 1	20°33	19° 4	22°30	9° 6	23°36	7°59	22° 5	13°49	4°30	4°12	2°39	13° 2	T 23
F 24	12 5 0	3° 8'57	25°59	21°42	20°13	22°45	9° 1	23°37	7°59	22° 6	13°50	4°23	4° 9	2°46	13°R 2	F 24
S 25	12 8 57	4° 8'21	8♍ 7	22°45	21°22	23° 0	8°56	23°37	7°58	22° 7	13°50	4°12	4° 6	2°53	13° 2	S 25
S 26	12 12 53	5° 7'44	20°28	23°40	22°31	23°16	8°51	23°38	7°58	22° 7	13°51	4° 0	4° 2	2°59	13° 2	S 26
M27	12 16 50	6° 7'04	3♎ 2	24°29	23°40	23°32	8°45	23°39	7°57	22° 8	13°52	3°46	3°59	3° 6	13° 2	M27
T 28	12 20 46	7° 6'21	15°50	25°11	24°50	23°48	8°40	23°39	7°56	22° 9	13°52	3°33	3°56	3°13	13° 2	T 28
W29	12 24 43	8° 5'37	28°50	25°46	25°59	24° 5	8°34	23°40	7°55	22°10	13°53	3°20	3°53	3°19	13° 1	W29
T 30	12 28 39	9° 4'51	12♏ 3	26°13	27° 9	24°23	8°28	23°40	7°54	22°11	13°53	3°10	3°50	3°26	13° 1	T 30
F 31	12 32 36	10♈ 4'04	25♏26	26♈33	28♒18	24♋40	8♏23	23♐41	7♐54	22♊12	13♊54	3♉ 3	3♉47	3♌33	13♐ 0	F 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	7s45	12s 5	4s56	8s52	1s42	19s17	2n 0	25n39	3n38	13s35	1n21	21s50	1n25	21s32	0n 7	21n54	1s18	12n43	9s49	23s18	23s21	18n 0	18s 4	4n17
T 2	7 22	16 28	4 33	8 3	1 37	19 11	1 55	25 36	3 36	13 35	1 22	21 50	1 25	21 32	0 7	21 54	1 18	12 43	9 48	23 19	23 21	17 58	18 3	4 18
F 3	6 59	20 9	3 56	7 13	1 31	19 3	1 51	25 34	3 34	13 34	1 22	21 50	1 26	21 32	0 7	21 54	1 18	12 43	9 48	23 19	23 21	17 56	18 3	4 19
S 4	6 36	22 51	3 5	6 22	1 24	18 55	1 46	25 32	3 33	13 34	1 22	21 50	1 26	21 32	0 7	21 54	1 18	12 44	9 48	23 19	23 21	17 53	18 3	4 19
S 5	6 13	24 17	2 3	5 30	1 17	18 47	1 41	25 29	3 31	13 33	1 22	21 51	1 26	21 32	0 7	21 54	1 18	12 44	9 48	23 19	23 21	17 51	18 2	4 20
M 6	5 50	24 16	0 53	4 37	1 9	18 38	1 36	25 27	3 29	13 32	1 22	21 51	1 26	21 33	0 7	21 55	1 18	12 44	9 47	23 19	23 21	17 49	18 2	4 21
T 7	5 26	22 43	0n22	3 43	1 1	18 29	1 31	25 24	3 27	13 31	1 23	21 51	1 26	21 33	0 7	21 55	1 18	12 45	9 47	23 19	23 21	17 47	18 1	4 21
W 8	5 3	19 39	1 37	2 49	0 52	18 19	1 26	25 22	3 25	13 30	1 23	21 51	1 26	21 33	0 7	21 55	1 18	12 45	9 47	23 19	23 22	17 45	18 1	4 22
T 9	4 40	15 18	2 46	1 54	0 43	18 8	1 21	25 19	3 23	13 30	1 23	21 51	1 26	21 33	0 7	21 55	1 18	12 45	9 47	23 19	23 22	17 42	18 1	4 23
F 10	4 16	10 0	3 46	0 58	0 33	17 57	1 17	25 16	3 21	13 29	1 23	21 51	1 26	21 33	0 7	21 55	1 18	12 45	9 46	23 20	23 22	17 40	18 0	4 23
S 11	3 53	4 6	4 29	0 3	0 22	17 46	1 12	25 13	3 19	13 28	1 23	21 51	1 26	21 33	0 7	21 55	1 18	12 46	9 46	23 20	23 22	17 38	18 0	4 24
S 12	3 29	1n58	4 55	0n53	0 12	17 34	1 7	25 10	3 17	13 27	1 23	21 51	1 26	21 33	0 7	21 55	1 18	12 46	9 46	23 21	23 22	17 36	17 59	4 25
M13	3 5	7 49	5 1	1 48	0 0	17 21	1 2	25 7	3 16	13 25	1 24	21 51	1 26	21 33	0 7	21 55	1 18	12 46	9 46	23 21	23 22	17 33	17 59	4 25
T 14	2 42	13 7	4 48	2 43	0n12	17 8	0 58	25 3	3 14	13 24	1 24	21 51	1 26	21 33	0 7	21 55	1 18	12 47	9 45	23 21	23 22	17 31	17 58	4 26
W15	2 18	17 34	4 19	3 38	0 24	16 55	0 53	25 0	3 12	13 23	1 24	21 51	1 26	21 33	0 7	21 55	1 18	12 47	9 45	23 22	23 22	17 29	17 58	4 27
T 16	1 54	21 0	3 36	4 31	0 36	16 41	0 48	24 56	3 10	13 22	1 24	21 51	1 27	21 33	0 7	21 55	1 18	12 47	9 45	23 22	23 22	17 27	17 57	4 27
F 17	1 31	23 15	2 44	5 23	0 49	16 27	0 44	24 53	3 8	13 20	1 24	21 51	1 27	21 33	0 7	21 55	1 18	12 47	9 45	23 22	23 23	17 25	17 56	4 28
S 18	1 7	24 17	1 45	6 14	1 2	16 12	0 39	24 49	3 6	13 19	1 24	21 51	1 27	21 33	0 7	21 55	1 18	12 48	9 44	23 22	23 23	17 22	17 56	4 28
S 19	0 43	24 7	0 42	7 3	1 14	15 56	0 35	24 45	3 5	13 18	1 25	21 51	1 27	21 33	0 7	21 55	1 18	12 48	9 44	23 22	23 23	17 20	17 55	4 29
M20	0 20	22 50	0s21	7 50	1 27	15 41	0 30	24 42	3 3	13 16	1 25	21 51	1 27	21 33	0 7	21 56	1 17	12 48	9 44	23 22	23 23	17 18	17 55	4 30
T 21	0n 4	20 33	1 22	8 35	1 39	15 24	0 26	24 38	3 1	13 15	1 25	21 51	1 27	21 33	0 7	21 56	1 17	12 49	9 44	23 22	23 23	17 16	17 54	4 30
W22	0 28	17 24	2 20	9 17	1 51	15 8	0 22	24 34	2 59	13 13	1 25	21 51	1 27	21 32	0 7	21 56	1 17	12 49	9 43	23 22	23 23	17 13	17 53	4 31
T 23	0 52	13 34	3 12	9 56	2 3	14 51	0 17	24 30	2 58	13 11	1 25	21 51	1 27	21 32	0 7	21 56	1 17	12 49	9 43	23 23	23 23	17 11	17 53	4 32
F 24	1 15	9 9	3 56	10 32	2 14	14 33	0 13	24 25	2 56	13 10	1 25	21 51	1 27	21 32	0 7	21 56	1 17	12 49	9 43	23 23	23 23	17 9	17 52	4 32
S 25	1 39	4 21	4 30	11 6	2 25	14 15	0 9	24 21	2 54	13 8	1 25	21 51	1 27	21 32	0 7	21 56	1 17	12 50	9 43	23 23	23 23	17 7	17 52	4 33
S 26	2 2	0s42	4 52	11 36	2 35	13 57	0 5	24 17	2 52	13 6	1 26	21 51	1 27	21 32	0 7	21 56	1 17	12 50	9 42	23 24	23 23	17 4	17 51	4 34
M27	2 26	5 48	5 0	12 2	2 44	13 38	0 0	24 12	2 51	13 4	1 26	21 51	1 27	21 32	0 7	21 56	1 17	12 50	9 42	23 24	23 24	17 2	17 50	4 34
T 28	2 49	10 44	4 53	12 25	2 52	13 19	0s 4	24 8	2 49	13 3	1 26	21 51	1 27	21 32	0 7	21 56	1 17	12 51	9 42	23 24	23 24	17 0	17 50	4 35
W29	3 13	15 17	4 31	12 45	3 0	12 59	0 8	24 3	2 47	13 1	1 26	21 51	1 28	21 32	0 7	21 56	1 17	12 51	9 42	23 25	23 24	16 58	17 49	4 36
T 30	3 36	19 11	3 55	13 0	3 6	12 39	0 11	23 58	2 46	12 59	1 26	21 51	1 28	21 32	0 7	21 56	1 17	12 51	9 41	23 25	23 24	16 55	17 48	4 36
F 31	3n59	22s 7	3s 4	13n12	3n10	12s19	0s15	23n54	2n44	12s57	1n26	21s50	1n28	21s31	0n 7	21n57	1s17	12n52	9s41	23s25	23s24	16n53	17s47	4n37

Julian Day Number = 2414714.5, Delta T = -2.88 sec
Ecliptic obliquity = 23°27'10, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°19'55, Lahiri = 22°26'56

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ASTRODIENST EPHEMERIS for the year 1899
geocentric

APRIL 1899 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	12 36 32	11♈ 3'14	8♐59	26♈45	29♒28	24♋58	8°R17	23♐41	7°R53	22♊13	13♊55	2°R59	3♑43	3♌39	12°R59	S 1
S 2	12 40 29	12° 2'23	22°41	26°R51	0♓38	25°17	8♏11	23°41	7♐52	22°13	13°56	2♑58	3°40	3°46	12♐59	S 2
M 3	12 44 26	13° 1'30	6♑34	26°49	1°47	25°36	8° 4	23°R41	7°51	22°14	13°56	2°58	3°37	3°53	12°58	M 3
T 4	12 48 22	14° 0'35	20°36	26°41	2°57	25°55	7°58	23°41	7°50	22°16	13°57	2°57	3°34	3°59	12°57	T 4
W 5	12 52 19	14°59'38	4♒47	26°26	4° 7	26°15	7°52	23°41	7°48	22°17	13°58	2°56	3°31	4° 6	12°55	W 5
T 6	12 56 15	15°58'40	19° 7	26° 5	5°17	26°35	7°45	23°40	7°47	22°18	13°59	2°53	3°28	4°13	12°54	T 6
F 7	13 0 12	16°57'40	3♓32	25°39	6°27	26°55	7°38	23°40	7°46	22°19	13°59	2°47	3°24	4°19	12°53	F 7
S 8	13 4 8	17°56'38	17°57	25° 7	7°38	27°16	7°32	23°39	7°45	22°20	14° 0	2°38	3°21	4°26	12°52	S 8
S 9	13 8 5	18°55'34	2♈18	24°32	8°48	27°37	7°25	23°39	7°43	22°21	14° 1	2°28	3°18	4°33	12°50	S 9
M10	13 12 1	19°54'28	16°28	23°53	9°58	27°58	7°18	23°38	7°42	22°22	14° 2	2°16	3°15	4°39	12°49	M10
T 11	13 15 58	20°53'20	0♉21	23°11	11° 9	28°20	7°11	23°37	7°41	22°24	14° 3	2° 5	3°12	4°46	12°47	T 11
W12	13 19 55	21°52'11	13°54	22°28	12°19	28°42	7° 4	23°36	7°39	22°25	14° 4	1°56	3° 8	4°53	12°45	W12
T 13	13 23 51	22°50'59	27° 5	21°43	13°30	29° 4	6°56	23°36	7°38	22°26	14° 5	1°48	3° 5	4°59	12°43	T 13
F 14	13 27 48	23°49'45	9♊52	20°59	14°40	29°27	6°49	23°34	7°36	22°27	14° 6	1°44	3° 2	5° 6	12°41	F 14
S 15	13 31 44	24°48'29	22°20	20°15	15°51	29°50	6°42	23°33	7°35	22°29	14° 7	1°42	2°59	5°13	12°39	S 15
S 16	13 35 41	25°47'10	4♋30	19°32	17° 1	0♌13	6°34	23°32	7°33	22°30	14° 8	1°D41	2°56	5°19	12°37	S 16
M17	13 39 37	26°45'50	16°28	18°52	18°12	0°37	6°27	23°31	7°31	22°32	14° 9	1°42	2°53	5°26	12°35	M17
T 18	13 43 34	27°44'27	28°19	18°14	19°23	1° 0	6°20	23°29	7°30	22°33	14°10	1°R42	2°49	5°33	12°33	T 18
W19	13 47 30	28°43'02	10♌ 9	17°40	20°34	1°24	6°12	23°28	7°28	22°34	14°11	1°41	2°46	5°39	12°30	W19
T 20	13 51 27	29°41'35	22° 1	17°10	21°44	1°49	6° 5	23°26	7°26	22°36	14°12	1°39	2°43	5°46	12°28	T 20
F 21	13 55 24	0♍40'06	4♍ 3	16°44	22°55	2°13	5°57	23°24	7°24	22°37	14°13	1°34	2°40	5°53	12°25	F 21
S 22	13 59 20	1°38'34	16°16	16°22	24° 6	2°38	5°49	23°22	7°23	22°39	14°14	1°27	2°37	5°59	12°23	S 22
S 23	14 3 17	2°37'00	28°45	16° 6	25°17	3° 3	5°42	23°21	7°21	22°41	14°15	1°18	2°33	6° 6	12°20	S 23
M24	14 7 13	3°35'25	11♎32	15°54	26°28	3°28	5°34	23°19	7°19	22°42	14°16	1° 8	2°30	6°13	12°17	M24
T 25	14 11 10	4°33'47	24°36	15°47	27°39	3°54	5°26	23°16	7°17	22°44	14°17	0°58	2°27	6°19	12°15	T 25
W26	14 15 6	5°32'08	7♏57	15°D45	28°50	4°20	5°19	23°14	7°15	22°45	14°18	0°49	2°24	6°26	12°12	W26
T 27	14 19 3	6°30'27	21°32	15°48	0♈ 1	4°45	5°11	23°12	7°13	22°47	14°19	0°41	2°21	6°33	12° 9	T 27
F 28	14 22 59	7°28'44	5♐20	15°56	1°12	5°12	5° 3	23°10	7°11	22°49	14°20	0°37	2°18	6°39	12° 6	F 28
S 29	14 26 56	8°26'59	19°17	16° 8	2°24	5°38	4°56	23° 7	7° 9	22°50	14°21	0°34	2°14	6°46	12° 2	S 29
S 30	14 30 52	9♉25'13	3♑20	16♈25	3♈35	6♌ 5	4♏48	23♐ 5	7♐ 7	22♊52	14♊23	0°D33	2♑11	6♌53	11♐59	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n23	23s50	2s 3	13n20	3n14	11s58	0s19	23n49	2n43	12s55	1n26	21s50	1n28	21s31	0n 7	21n57	1s17	12n52	9s41	23s25	23s24	16n51	17s47	4n38
S 2	4 46	24 9	0 54	13 24	3 16	11 37	0 23	23 44	2 41	12 53	1 26	21 50	1 28	21 31	0 7	21 57	1 17	12 52	9 41	23 25	23 24	16 48	17 46	4 38
M 3	5 9	22 58	0n19	13 24	3 17	11 15	0 26	23 39	2 39	12 51	1 26	21 50	1 28	21 31	0 7	21 57	1 17	12 52	9 41	23 25	23 24	16 46	17 45	4 39
T 4	5 32	20 21	1 32	13 20	3 16	10 54	0 30	23 33	2 38	12 49	1 26	21 50	1 28	21 31	0 7	21 57	1 17	12 53	9 40	23 25	23 24	16 44	17 44	4 40
W 5	5 55	16 29	2 40	13 13	3 14	10 32	0 34	23 28	2 36	12 46	1 26	21 50	1 28	21 31	0 7	21 57	1 17	12 53	9 40	23 25	23 24	16 42	17 44	4 40
T 6	6 17	11 38	3 39	13 1	3 10	10 9	0 37	23 23	2 35	12 44	1 27	21 50	1 28	21 31	0 7	21 57	1 17	12 53	9 40	23 25	23 24	16 39	17 43	4 41
F 7	6 40	6 7	4 24	12 46	3 4	9 46	0 40	23 17	2 33	12 42	1 27	21 50	1 28	21 30	0 7	21 57	1 17	12 54	9 40	23 25	23 25	16 37	17 42	4 41
S 8	7 3	0 17	4 52	12 28	2 57	9 23	0 44	23 12	2 32	12 40	1 27	21 50	1 28	21 30	0 7	21 57	1 17	12 54	9 39	23 26	23 25	16 35	17 41	4 42
S 9	7 25	5n31	5 1	12 7	2 48	9 0	0 47	23 6	2 30	12 37	1 27	21 50	1 28	21 30	0 7	21 58	1 16	12 54	9 39	23 26	23 25	16 32	17 41	4 43
M10	7 47	10 58	4 52	11 43	2 38	8 36	0 50	23 0	2 29	12 35	1 27	21 50	1 28	21 30	0 7	21 58	1 16	12 55	9 39	23 26	23 25	16 30	17 40	4 43
T 11	8 10	15 45	4 26	11 17	2 26	8 13	0 53	22 54	2 27	12 33	1 27	21 49	1 29	21 29	0 7	21 58	1 16	12 55	9 39	23 26	23 25	16 28	17 39	4 44
W12	8 32	19 36	3 45	10 49	2 14	7 48	0 56	22 49	2 26	12 31	1 27	21 49	1 29	21 29	0 7	21 58	1 16	12 55	9 39	23 26	23 25	16 25	17 38	4 45
T 13	8 53	22 19	2 53	10 19	2 0	7 24	0 59	22 42	2 24	12 28	1 27	21 49	1 29	21 29	0 7	21 58	1 16	12 56	9 38	23 26	23 25	16 23	17 37	4 45
F 14	9 15	23 49	1 53	9 49	1 45	7 0	1 2	22 36	2 23	12 26	1 27	21 49	1 29	21 29	0 7	21 58	1 16	12 56	9 38	23 26	23 25	16 21	17 36	4 46
S 15	9 37	24 3	0 50	9 18	1 29	6 35	1 5	22 30	2 21	12 23	1 27	21 49	1 29	21 28	0 7	21 58	1 16	12 56	9 38	23 27	23 25	16 18	17 36	4 46
S 16	9 58	23 8	0s15	8 47	1 13	6 10	1 7	22 24	2 20	12 21	1 27	21 49	1 29	21 28	0 7	21 58	1 16	12 56	9 38	23 27	23 25	16 16	17 35	4 47
M17	10 19	21 9	1 18	8 16	0 56	5 44	1 10	22 17	2 19	12 19	1 27	21 49	1 29	21 28	0 7	21 58	1 16	12 57	9 38	23 27	23 25	16 14	17 34	4 47
T 18	10 41	18 16	2 17	7 46	0 40	5 19	1 12	22 11	2 17	12 16	1 27	21 49	1 29	21 28	0 7	21 59	1 16	12 57	9 37	23 26	23 25	16 12	17 33	4 48
W19	11 1	14 39	3 10	7 17	0 23	4 53	1 15	22 4	2 16	12 14	1 27	21 48	1 29	21 27	0 7	21 59	1 16	12 57	9 37	23 27	23 25	16 9	17 32	4 49
T 20	11 22	10 28	3 55	6 50	0 6	4 28	1 17	21 57	2 14	12 11	1 27	21 48	1 29	21 27	0 7	21 59	1 16	12 58	9 37	23 27	23 25	16 7	17 31	4 49
F 21	11 43	5 50	4 31	6 25	0s10	4 2	1 20	21 50	2 13	12 9	1 27	21 48	1 29	21 27	0 7	21 59	1 16	12 58	9 37	23 27	23 26	16 5	17 30	4 50
S 22	12 3	0 54	4 54	6 2	0 26	3 36	1 22	21 43	2 12	12 6	1 27	21 48	1 29	21 27	0 7	21 59	1 16	12 58	9 37	23 27	23 26	16 2	17 30	4 50
S 23	12 23	4s 9	5 4	5 41	0 42	3 9	1 24	21 36	2 10	12 4	1 27	21 48	1 29	21 26	0 7	21 59	1 16	12 59	9 37	23 27	23 26	16 0	17 29	4 51
M24	12 43	9 9	5 0	5 23	0 57	2 43	1 26	21 29	2 9	12 1	1 27	21 48	1 29	21 26	0 7	21 59	1 16	12 59	9 36	23 27	23 26	15 58	17 28	4 51
T 25	13 3	13 52	4 39	5 7	1 11	2 17	1 28	21 22	2 8	11 59	1 27	21 48	1 29	21 26	0 7	21 59	1 16	12 59	9 36	23 27	23 26	15 55	17 27	4 52
W26	13 22	18 0	4 4	4 54	1 25	1 50	1 30	21 14	2 7	11 56	1 27	21 47	1 29	21 25	0 7	22 0	1 16	12 59	9 36	23 27	23 26	15 53	17 26	4 52
T 27	13 42	21 16	3 14	4 43	1 38	1 23	1 31	21 7	2 5	11 54	1 27	21 47	1 29	21 25	0 7	22 0	1 16	13 0	9 36	23 27	23 26	15 50	17 25	4 53
F 28	14 1	23 21	2 11	4 35	1 50	0 56	1 33	20 59	2 4	11 51	1 27	21 47	1 30	21 25	0 7	22 0	1 16	13 0	9 36	23 27	23 26	15 48	17 24	4 54
S 29	14 20	24 1	1 0	4 29	2 1	0 30	1 35	20 51	2 3	11 49	1 27	21 47	1 30	21 24	0 7	22 0	1 16	13 0	9 36	23 27	23 26	15 46	17 23	4 54
S 30	14n38	23s10	0n15	4n26	2s11	0s 3	1s36	20n43	2n 1	11s46	1n26	21s47	1n30	21s24	0n 7	22n 0	1s16	13n 1	9s35	23s27	23s26	15n43	17s22	4n55

Julian Day Number = 2414745.5, Delta T = -2.80 sec
Ecliptic obliquity = 23°27'10, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°20'00, Lahiri = 22°27'00

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ASTRODIENST EPHEMERIS for the year 1899
geocentric

MAY 1899 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
M 1	14 34 49	10♉23'26	17♋26	16♈47	4♈46	6♌31	4°R41	23°R 2	7°R 5	22♊54	14♊24	0♋34	2♋ 8	6♌59	11°R56	M 1
T 2	14 38 46	11°21'37	1♒35	17°13	5°58	6°58	4♏33	22♐59	7♐ 3	22°56	14°25	0°35	2° 5	7° 6	11♐53	T 2
W 3	14 42 42	12°19'46	15°45	17°44	7° 9	7°25	4°25	22°57	7° 0	22°57	14°26	0°R36	2° 2	7°13	11°49	W 3
T 4	14 46 39	13°17'54	29°54	18°18	8°20	7°53	4°18	22°54	6°58	22°59	14°27	0°34	1°59	7°19	11°46	T 4
F 5	14 50 35	14°16'01	14♓ 0	18°56	9°32	8°20	4°10	22°51	6°56	23° 1	14°29	0°31	1°55	7°26	11°42	F 5
S 6	14 54 32	15°14'06	28° 1	19°39	10°43	8°48	4° 3	22°48	6°54	23° 3	14°30	0°26	1°52	7°33	11°39	S 6
S 7	14 58 28	16°12'10	11♈55	20°24	11°55	9°16	3°56	22°45	6°52	23° 5	14°31	0°20	1°49	7°39	11°35	S 7
M 8	15 2 25	17°10'12	25°37	21°14	13° 6	9°44	3°48	22°42	6°49	23° 7	14°32	0°12	1°46	7°46	11°32	M 8
T 9	15 6 21	18° 8'13	9♉ 6	22° 6	14°18	10°13	3°41	22°39	6°47	23° 8	14°33	0° 5	1°43	7°53	11°28	T 9
W10	15 10 18	19° 6'12	22°19	23° 2	15°29	10°41	3°34	22°35	6°45	23°10	14°35	29♐59	1°39	7°59	11°24	W10
T 11	15 14 15	20° 4'10	5♊15	24° 1	16°41	11°10	3°27	22°32	6°42	23°12	14°36	29°55	1°36	8° 6	11°20	T 11
F 12	15 18 11	21° 2'06	17°53	25° 3	17°53	11°39	3°20	22°29	6°40	23°14	14°37	29°53	1°33	8°13	11°17	F 12
S 13	15 22 8	22° 0'01	0♋14	26° 8	19° 4	12° 8	3°13	22°25	6°38	23°16	14°39	29°D52	1°30	8°19	11°13	S 13
S 14	15 26 4	22°57'54	12°22	27°15	20°16	12°37	3° 6	22°22	6°35	23°18	14°40	29°53	1°27	8°26	11° 9	S 14
M15	15 30 1	23°55'45	24°20	28°26	21°28	13° 6	2°59	22°18	6°33	23°20	14°41	29°54	1°24	8°33	11° 5	M15
T 16	15 33 57	24°53'34	6♌11	29°39	22°39	13°36	2°52	22°15	6°30	23°22	14°43	29°56	1°20	8°39	11° 1	T 16
W17	15 37 54	25°51'22	18° 2	0♉55	23°51	14° 5	2°46	22°11	6°28	23°24	14°44	29°57	1°17	8°46	10°57	W17
T 18	15 41 50	26°49'08	29°55	2°13	25° 3	14°35	2°39	22° 7	6°26	23°26	14°45	29°R57	1°14	8°53	10°53	T 18
F 19	15 45 47	27°46'53	11♍57	3°34	26°15	15° 5	2°33	22° 3	6°23	23°28	14°46	29°56	1°11	8°59	10°49	F 19
S 20	15 49 44	28°44'35	24°13	4°57	27°27	15°35	2°27	22° 0	6°21	23°30	14°48	29°54	1° 8	9° 6	10°44	S 20
S 21	15 53 40	29°42'17	6♎45	6°23	28°38	16° 5	2°20	21°56	6°18	23°32	14°49	29°50	1° 5	9°13	10°40	S 21
M22	15 57 37	0♊39'56	19°37	7°51	29°50	16°35	2°14	21°52	6°16	23°34	14°50	29°46	1° 1	9°19	10°36	M22
T 23	16 1 33	1°37'34	2♏51	9°21	1♉ 2	17° 6	2° 9	21°48	6°13	23°37	14°52	29°42	0°58	9°26	10°32	T 23
W24	16 5 30	2°35'11	16°27	10°54	2°14	17°37	2° 3	21°44	6°11	23°39	14°53	29°38	0°55	9°33	10°28	W24
T 25	16 9 26	3°32'47	0♐22	12°29	3°26	18° 7	1°57	21°40	6° 8	23°41	14°55	29°35	0°52	9°39	10°24	T 25
F 26	16 13 23	4°30'21	14°33	14° 7	4°38	18°38	1°52	21°36	6° 6	23°43	14°56	29°33	0°49	9°46	10°19	F 26
S 27	16 17 19	5°27'55	28°56	15°47	5°50	19° 9	1°46	21°31	6° 3	23°45	14°57	29°D32	0°45	9°53	10°15	S 27
S 28	16 21 16	6°25'27	13♋25	17°29	7° 2	19°40	1°41	21°27	6° 1	23°47	14°59	29°32	0°42	9°59	10°11	S 28
M29	16 25 13	7°22'58	27°55	19°13	8°14	20°12	1°36	21°23	5°58	23°49	15° 0	29°34	0°39	10° 6	10° 7	M29
T 30	16 29 9	8°20'29	12♒22	21° 0	9°26	20°43	1°31	21°19	5°56	23°52	15° 1	29°35	0°36	10°13	10° 2	T 30
W31	16 33 6	9♊17'59	26♒41	22♉49	10♉38	21♌14	1♏26	21♐15	5♐53	23♊54	15♊ 3	29♐36	0♋33	10♌19	9♐58	W31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	14n57	20s50	1n30	4n26	2s21	0n24	1s37	20n36	2n 0	11s44	1n26	21s47	1n30	21s24	0n 7	22n 0	1s16	13n 1	9s35	23s27	23s26	15n41	17s21	4n55
T 2	15 15	17 14	2 39	4 28	2 30	0 51	1 39	20 27	1 59	11 41	1 26	21 46	1 30	21 23	0 7	22 0	1 16	13 1	9 35	23 27	23 26	15 39	17 21	4 56
W 3	15 33	12 38	3 39	4 32	2 38	1 18	1 40	20 19	1 58	11 39	1 26	21 46	1 30	21 23	0 7	22 1	1 15	13 1	9 35	23 27	23 26	15 36	17 20	4 56
T 4	15 50	7 22	4 26	4 39	2 45	1 46	1 41	20 11	1 57	11 36	1 26	21 46	1 30	21 23	0 7	22 1	1 15	13 2	9 35	23 27	23 26	15 34	17 19	4 56
F 5	16 8	1 45	4 56	4 47	2 51	2 13	1 42	20 3	1 55	11 34	1 26	21 46	1 30	21 22	0 7	22 1	1 15	13 2	9 35	23 27	23 26	15 32	17 18	4 57
S 6	16 25	3n55	5 8	4 58	2 56	2 40	1 43	19 54	1 54	11 32	1 26	21 46	1 30	21 22	0 7	22 1	1 15	13 2	9 34	23 27	23 26	15 29	17 17	4 57
S 7	16 42	9 21	5 2	5 11	3 1	3 7	1 44	19 46	1 53	11 29	1 26	21 45	1 30	21 22	0 7	22 1	1 15	13 2	9 34	23 27	23 26	15 27	17 16	4 58
M 8	16 58	14 14	4 39	5 26	3 5	3 34	1 45	19 37	1 52	11 27	1 26	21 45	1 30	21 21	0 7	22 1	1 15	13 3	9 34	23 27	23 26	15 24	17 15	4 58
T 9	17 14	18 20	4 0	5 42	3 8	4 1	1 46	19 28	1 51	11 25	1 26	21 45	1 30	21 21	0 7	22 1	1 15	13 3	9 34	23 27	23 26	15 22	17 14	4 59
W10	17 30	21 25	3 10	6 1	3 10	4 28	1 46	19 19	1 50	11 22	1 25	21 45	1 30	21 20	0 7	22 1	1 15	13 3	9 34	23 27	23 27	15 20	17 13	4 59
T 11	17 46	23 19	2 10	6 21	3 12	4 55	1 47	19 10	1 48	11 20	1 25	21 45	1 30	21 20	0 7	22 2	1 15	13 4	9 34	23 27	23 27	15 17	17 12	5 0
F 12	18 2	23 58	1 5	6 43	3 13	5 22	1 47	19 1	1 47	11 18	1 25	21 44	1 30	21 20	0 7	22 2	1 15	13 4	9 34	23 27	23 27	15 15	17 11	5 0
S 13	18 17	23 25	0s 2	7 6	3 13	5 49	1 48	18 52	1 46	11 16	1 25	21 44	1 30	21 19	0 7	22 2	1 15	13 4	9 34	23 27	23 27	15 13	17 10	5 0
S 14	18 31	21 45	1 8	7 31	3 12	6 15	1 48	18 43	1 45	11 13	1 25	21 44	1 30	21 19	0 7	22 2	1 15	13 4	9 33	23 27	23 27	15 10	17 10	5 1
M15	18 46	19 8	2 10	7 57	3 11	6 42	1 48	18 33	1 44	11 11	1 25	21 44	1 30	21 18	0 7	22 2	1 15	13 5	9 33	23 27	23 27	15 8	17 9	5 1
T 16	19 0	15 44	3 5	8 24	3 9	7 9	1 48	18 24	1 43	11 9	1 25	21 44	1 30	21 18	0 7	22 2	1 15	13 5	9 33	23 27	23 27	15 5	17 8	5 1
W17	19 14	11 44	3 53	8 53	3 7	7 35	1 48	18 14	1 42	11 7	1 24	21 43	1 30	21 18	0 7	22 2	1 15	13 5	9 33	23 27	23 27	15 3	17 7	5 2
T 18	19 27	7 16	4 31	9 22	3 4	8 1	1 48	18 4	1 41	11 5	1 24	21 43	1 30	21 17	0 7	22 2	1 15	13 5	9 33	23 27	23 27	15 1	17 6	5 2
F 19	19 41	2 29	4 58	9 53	3 0	8 27	1 48	17 54	1 39	11 3	1 24	21 43	1 30	21 17	0 7	22 3	1 15	13 6	9 33	23 27	23 27	14 58	17 5	5 3
S 20	19 53	2s28	5 11	10 25	2 56	8 53	1 48	17 44	1 38	11 1	1 24	21 43	1 30	21 16	0 7	22 3	1 15	13 6	9 33	23 27	23 27	14 56	17 4	5 3
S 21	20 6	7 26	5 11	10 57	2 51	9 19	1 48	17 34	1 37	10 59	1 24	21 43	1 30	21 16	0 6	22 3	1 15	13 6	9 33	23 27	23 27	14 53	17 3	5 3
M22	20 18	12 13	4 54	11 31	2 46	9 45	1 47	17 24	1 36	10 57	1 23	21 42	1 30	21 16	0 6	22 3	1 15	13 6	9 33	23 27	23 27	14 51	17 2	5 3
T 23	20 30	16 34	4 22	12 5	2 40	10 10	1 47	17 14	1 35	10 55	1 23	21 42	1 30	21 15	0 6	22 3	1 15	13 7	9 32	23 27	23 27	14 49	17 2	5 4
W24	20 41	20 11	3 35	12 40	2 33	10 35	1 46	17 4	1 34	10 53	1 23	21 42	1 30	21 15	0 6	22 3	1 15	13 7	9 32	23 27	23 27	14 46	17 1	5 4
T 25	20 52	22 44	2 33	13 16	2 26	11 0	1 46	16 53	1 33	10 52	1 23	21 42	1 30	21 14	0 6	22 3	1 15	13 7	9 32	23 27	23 27	14 44	17 0	5 4
F 26	21 3	23 54	1 22	13 52	2 19	11 25	1 45	16 42	1 32	10 50	1 23	21 41	1 30	21 14	0 6	22 3	1 15	13 7	9 32	23 27	23 27	14 41	16 59	5 5
S 27	21 14	23 30	0 3	14 29	2 11	11 50	1 45	16 32	1 31	10 48	1 22	21 41	1 30	21 13	0 6	22 4	1 15	13 7	9 32	23 27	23 27	14 39	16 58	5 5
S 28	21 24	21 31	1n16	15 6	2 3	12 14	1 44	16 21	1 30	10 47	1 22	21 41	1 30	21 13	0 6	22 4	1 15	13 8	9 32	23 27	23 27	14 36	16 57	5 5
M29	21 33	18 8	2 30	15 43	1 54	12 38	1 43	16 10	1 29	10 45	1 22	21 41	1 30	21 13	0 6	22 4	1 15	13 8	9 32	23 27	23 27	14 34	16 56	5 5
T 30	21 43	13 40	3 35	16 20	1 45	13 2	1 42	15 59	1 28	10 44	1 22	21 40	1 30	21 12	0 6	22 4	1 15	13 8	9 32	23 27	23 27	14 32	16 56	5 6
W31	21n51	8s28	4n25	16n57	1s35	13n25	1s41	15n48	1n27	10s42	1n22	21s40	1n30	21s12	0n 6	22n 4	1s15	13n 8	9s32	23s27	23s27	14n29	16s55	5n 6

Julian Day Number = 2414775.5, Delta T = -2.71 sec
Ecliptic obliquity = 23°27'09, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°20'04, Lahiri = 22°27'04

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ASTRODIENST EPHEMERIS for the year 1899
geocentric

JUNE 1899 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	16 37 2	10♊15'27	10♓51	24♉41	11♉50	21♌46	1°R21	21°R10	5°R51	23♊56	15♊ 4	29°R36	0♑30	10♌26	9°R54	T 1
F 2	16 40 59	11°12'55	24°49	26°35	13° 3	22°18	1♏17	21♐ 6	5♐49	23°58	15° 6	29♐36	0°26	10°33	9♐49	F 2
S 3	16 44 55	12°10'23	8♈35	28°31	14°15	22°50	1°13	21° 2	5°46	24° 0	15° 7	29°35	0°23	10°39	9°45	S 3
S 4	16 48 52	13° 7'50	22° 7	0♊29	15°27	23°22	1° 8	20°57	5°44	24° 2	15° 8	29°33	0°20	10°46	9°41	S 4
M 5	16 52 49	14° 5'16	5♉25	2°29	16°39	23°54	1° 4	20°53	5°41	24° 5	15°10	29°31	0°17	10°53	9°37	M 5
T 6	16 56 45	15° 2'41	18°29	4°31	17°51	24°26	1° 0	20°48	5°39	24° 7	15°11	29°29	0°14	11° 0	9°32	T 6
W 7	17 0 42	16° 0'06	1♊19	6°36	19° 4	24°58	0°57	20°44	5°36	24° 9	15°13	29°27	0°11	11° 6	9°28	W 7
T 8	17 4 38	16°57'30	13°55	8°41	20°16	25°31	0°53	20°40	5°34	24°11	15°14	29°26	0° 7	11°13	9°24	T 8
F 9	17 8 35	17°54'53	26°19	10°49	21°28	26° 3	0°50	20°35	5°31	24°14	15°15	29°D25	0° 4	11°20	9°20	F 9
S 10	17 12 31	18°52'16	8♋30	12°58	22°41	26°36	0°47	20°31	5°29	24°16	15°17	29°26	0° 1	11°26	9°16	S 10
S 11	17 16 28	19°49'37	20°32	15° 8	23°53	27° 9	0°44	20°26	5°27	24°18	15°18	29°26	29♐58	11°33	9°12	S 11
M12	17 20 24	20°46'58	2♌27	17°18	25° 5	27°41	0°41	20°22	5°24	24°20	15°19	29°27	29°55	11°40	9° 7	M12
T 13	17 24 21	21°44'18	14°17	19°30	26°18	28°14	0°38	20°18	5°22	24°23	15°21	29°28	29°51	11°46	9° 3	T 13
W14	17 28 18	22°41'36	26° 7	21°42	27°30	28°47	0°35	20°13	5°20	24°25	15°22	29°28	29°48	11°53	8°59	W14
T 15	17 32 14	23°38'54	8♍ 1	23°54	28°42	29°21	0°33	20° 9	5°17	24°27	15°24	29°29	29°45	12° 0	8°55	T 15
F 16	17 36 11	24°36'12	20° 2	26° 5	29°55	29°54	0°31	20° 4	5°15	24°29	15°25	29°R29	29°42	12° 6	8°51	F 16
S 17	17 40 7	25°33'28	2♎16	28°17	1♊ 7	0♍27	0°29	20° 0	5°13	24°31	15°26	29°29	29°39	12°13	8°47	S 17
S 18	17 44 4	26°30'43	14°47	0♋27	2°20	1° 1	0°27	19°55	5°10	24°34	15°28	29°29	29°36	12°20	8°43	S 18
M19	17 48 0	27°27'58	27°39	2°37	3°32	1°34	0°26	19°51	5° 8	24°36	15°29	29°29	29°32	12°26	8°39	M19
T 20	17 51 57	28°25'12	10♏54	4°45	4°45	2° 8	0°24	19°47	5° 6	24°38	15°30	29°29	29°29	12°33	8°36	T 20
W21	17 55 53	29°22'26	24°34	6°53	5°57	2°42	0°23	19°42	5° 4	24°40	15°32	29°D29	29°26	12°40	8°32	W21
T 22	17 59 50	0♋19'39	8♐39	8°58	7°10	3°15	0°22	19°38	5° 2	24°43	15°33	29°29	29°23	12°46	8°28	T 22
F 23	18 3 47	1°16'51	23° 5	11° 2	8°23	3°49	0°21	19°34	4°59	24°45	15°34	29°R29	29°20	12°53	8°24	F 23
S 24	18 7 43	2°14'03	7♑48	13° 5	9°35	4°23	0°20	19°30	4°57	24°47	15°36	29°29	29°17	13° 0	8°21	S 24
S 25	18 11 40	3°11'15	22°41	15° 5	10°48	4°57	0°20	19°25	4°55	24°49	15°37	29°29	29°13	13° 6	8°17	S 25
M26	18 15 36	4° 8'27	7♒36	17° 3	12° 0	5°32	0°19	19°21	4°53	24°52	15°38	29°28	29°10	13°13	8°13	M26
T 27	18 19 33	5° 5'38	22°26	19° 0	13°13	6° 6	0°19	19°17	4°51	24°54	15°40	29°28	29° 7	13°20	8°10	T 27
W28	18 23 29	6° 2'50	7♓ 4	20°54	14°26	6°40	0°D19	19°13	4°49	24°56	15°41	29°27	29° 4	13°27	8° 7	W28
T 29	18 27 26	7° 0'01	21°24	22°47	15°39	7°15	0°19	19° 9	4°47	24°58	15°42	29°27	29° 1	13°33	8° 3	T 29
F 30	18 31 22	7♋57'13	5♈25	24♋37	16♊51	7♍49	0♏19	19♐ 5	4♐45	25♊ 0	15♊44	29°D26	28♐57	13♌40	8♐ 0	F 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	22n 0	2s53	4n59	17n34	1s25	13n49	1s40	15n37	1n26	10s41	1n21	21s40	1n30	21s11	0n 6	22n 4	1s15	13n 8	9s32	23s27	23s27	14n27	16s54	5n 6
F 2	22 8	2n45	5 14	18 11	1 15	14 12	1 39	15 26	1 25	10 39	1 21	21 40	1 30	21 11	0 6	22 4	1 15	13 9	9 32	23 27	23 27	14 24	16 53	5 6
S 3	22 16	8 10	5 12	18 47	1 5	14 34	1 38	15 14	1 24	10 38	1 21	21 39	1 30	21 11	0 6	22 4	1 15	13 9	9 32	23 27	23 27	14 22	16 52	5 6
S 4	22 23	13 7	4 52	19 23	0 54	14 56	1 36	15 3	1 23	10 37	1 21	21 39	1 30	21 10	0 6	22 4	1 15	13 9	9 32	23 27	23 27	14 19	16 52	5 7
M 5	22 30	17 21	4 16	19 58	0 43	15 18	1 35	14 51	1 22	10 36	1 20	21 39	1 30	21 10	0 6	22 5	1 15	13 9	9 32	23 27	23 27	14 17	16 51	5 7
T 6	22 37	20 40	3 28	20 31	0 32	15 40	1 34	14 40	1 21	10 35	1 20	21 39	1 29	21 9	0 6	22 5	1 15	13 9	9 32	23 27	23 27	14 15	16 50	5 7
W 7	22 43	22 52	2 29	21 4	0 22	16 1	1 32	14 28	1 20	10 34	1 20	21 38	1 29	21 9	0 6	22 5	1 15	13 10	9 32	23 27	23 27	14 12	16 49	5 7
T 8	22 49	23 53	1 25	21 35	0 11	16 22	1 31	14 16	1 19	10 33	1 20	21 38	1 29	21 8	0 6	22 5	1 15	13 10	9 32	23 27	23 27	14 10	16 49	5 7
F 9	22 54	23 41	0 17	22 5	0n 0	16 42	1 29	14 4	1 18	10 32	1 19	21 38	1 29	21 8	0 6	22 5	1 15	13 10	9 31	23 27	23 27	14 7	16 48	5 7
S 10	22 59	22 21	0s50	22 33	0 11	17 2	1 28	13 52	1 17	10 31	1 19	21 38	1 29	21 8	0 6	22 5	1 15	13 10	9 31	23 27	23 27	14 5	16 47	5 7
S 11	23 4	20 0	1 54	22 59	0 21	17 22	1 26	13 40	1 17	10 30	1 19	21 38	1 29	21 7	0 6	22 5	1 15	13 10	9 31	23 27	23 27	14 2	16 46	5 8
M12	23 8	16 49	2 53	23 22	0 32	17 41	1 24	13 28	1 16	10 29	1 19	21 37	1 29	21 7	0 6	22 5	1 15	13 10	9 31	23 27	23 27	14 0	16 46	5 8
T 13	23 12	12 59	3 44	23 43	0 41	18 0	1 22	13 16	1 15	10 29	1 18	21 37	1 29	21 6	0 6	22 5	1 15	13 11	9 31	23 27	23 27	13 57	16 45	5 8
W14	23 15	8 39	4 25	24 2	0 51	18 18	1 21	13 3	1 14	10 28	1 18	21 37	1 29	21 6	0 6	22 6	1 15	13 11	9 31	23 27	23 27	13 55	16 44	5 8
T 15	23 18	4 0	4 55	24 18	1 0	18 36	1 19	12 51	1 13	10 27	1 18	21 37	1 29	21 6	0 6	22 6	1 15	13 11	9 31	23 27	23 27	13 53	16 44	5 8
F 16	23 21	0s51	5 13	24 32	1 8	18 54	1 17	12 38	1 12	10 27	1 18	21 36	1 29	21 5	0 6	22 6	1 15	13 11	9 31	23 27	23 27	13 50	16 43	5 8
S 17	23 23	5 45	5 17	24 42	1 16	19 10	1 15	12 26	1 11	10 26	1 17	21 36	1 29	21 5	0 6	22 6	1 15	13 11	9 31	23 27	23 27	13 48	16 42	5 8
S 18	23 24	10 32	5 6	24 50	1 23	19 27	1 13	12 13	1 10	10 26	1 17	21 36	1 29	21 4	0 6	22 6	1 15	13 11	9 31	23 27	23 27	13 45	16 42	5 8
M19	23 26	15 0	4 40	24 55	1 30	19 43	1 11	12 0	1 9	10 26	1 17	21 36	1 28	21 4	0 6	22 6	1 15	13 12	9 31	23 27	23 27	13 43	16 41	5 8
T 20	23 27	18 52	3 58	24 57	1 35	19 58	1 9	11 47	1 8	10 25	1 17	21 35	1 28	21 4	0 6	22 6	1 15	13 12	9 31	23 27	23 27	13 40	16 41	5 8
W21	23 27	21 52	3 2	24 57	1 40	20 13	1 7	11 34	1 7	10 25	1 16	21 35	1 28	21 3	0 6	22 6	1 14	13 12	9 31	23 27	23 27	13 38	16 40	5 8
T 22	23 27	23 37	1 53	24 53	1 45	20 28	1 4	11 21	1 7	10 25	1 16	21 35	1 28	21 3	0 6	22 6	1 14	13 12	9 31	23 27	23 27	13 35	16 39	5 8
F 23	23 27	23 52	0 35	24 48	1 48	20 41	1 2	11 8	1 6	10 25	1 16	21 35	1 28	21 2	0 6	22 6	1 14	13 12	9 31	23 27	23 27	13 33	16 39	5 8
S 24	23 26	22 27	0n46	24 39	1 51	20 55	1 0	10 55	1 5	10 25	1 15	21 34	1 28	21 2	0 6	22 7	1 14	13 12	9 31	23 27	23 27	13 30	16 38	5 8
S 25	23 25	19 29	2 5	24 28	1 53	21 7	0 58	10 41	1 4	10 25	1 15	21 34	1 28	21 2	0 6	22 7	1 14	13 12	9 31	23 27	23 27	13 28	16 38	5 8
M26	23 23	15 13	3 16	24 15	1 55	21 20	0 55	10 28	1 3	10 25	1 15	21 34	1 28	21 1	0 6	22 7	1 14	13 12	9 31	23 27	23 27	13 25	16 37	5 8
T 27	23 21	10 3	4 13	24 0	1 55	21 31	0 53	10 15	1 2	10 25	1 15	21 34	1 28	21 1	0 6	22 7	1 14	13 12	9 31	23 27	23 27	13 23	16 37	5 8
W28	23 19	4 23	4 53	23 43	1 55	21 42	0 51	10 1	1 1	10 26	1 14	21 34	1 28	21 1	0 6	22 7	1 14	13 13	9 31	23 27	23 27	13 20	16 36	5 8
T 29	23 16	1n24	5 14	23 24	1 54	21 53	0 48	9 48	1 1	10 26	1 14	21 33	1 27	21 0	0 6	22 7	1 14	13 13	9 31	23 27	23 27	13 18	16 36	5 8
F 30	23n13	6n58	5n15	23n 4	1n53	22n 2	0s46	9n34	1n 0	10s26	1n14	21s33	1n27	21s 0	0n 6	22n 7	1s14	13n13	9s32	23s27	23s27	13n15	16s35	5n 8

Julian Day Number = 2414806.5, Delta T = -2.63 sec
Ecliptic obliquity = 23°27'08, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°20'08, Lahiri = 22°27'08

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ASTRODIENST EPHEMERIS for the year 1899
geocentric

JULY 1899 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	18 35 19	8♋54'25	19♈ 5	26♋25	18♊ 4	8♍24	0♏20	19°R 1	4°R43	25♊ 3	15♊45	29♐26	28♐54	13♌47	7°R56	S 1
S 2	18 39 16	9°51'37	2♉25	28°12	19°17	8°58	0°21	18♐57	4♐41	25° 5	15°46	29°27	28°51	13°53	7♐53	S 2
M 3	18 43 12	10°48'49	15°26	29°56	20°30	9°33	0°22	18°53	4°39	25° 7	15°48	29°28	28°48	14° 0	7°50	M 3
T 4	18 47 9	11°46'02	28°11	1♌38	21°43	10° 8	0°23	18°49	4°38	25° 9	15°49	29°29	28°45	14° 7	7°47	T 4
W 5	18 51 5	12°43'15	10♊42	3°17	22°56	10°43	0°24	18°45	4°36	25°11	15°50	29°30	28°42	14°13	7°44	W 5
T 6	18 55 2	13°40'28	23° 1	4°55	24° 9	11°18	0°25	18°41	4°34	25°13	15°51	29°30	28°38	14°20	7°41	T 6
F 7	18 58 58	14°37'41	5♋10	6°31	25°22	11°53	0°27	18°37	4°32	25°16	15°53	29°R30	28°35	14°27	7°38	F 7
S 8	19 2 55	15°34'55	17°11	8° 4	26°35	12°28	0°29	18°34	4°31	25°18	15°54	29°30	28°32	14°33	7°35	S 8
S 9	19 6 51	16°32'08	29° 6	9°36	27°48	13° 4	0°31	18°30	4°29	25°20	15°55	29°28	28°29	14°40	7°33	S 9
M10	19 10 48	17°29'22	10♌57	11° 5	29° 1	13°39	0°33	18°26	4°28	25°22	15°56	29°26	28°26	14°47	7°30	M10
T 11	19 14 45	18°26'36	22°47	12°32	0♋14	14°14	0°35	18°23	4°26	25°24	15°58	29°23	28°23	14°53	7°27	T 11
W12	19 18 41	19°23'49	4♍37	13°57	1°27	14°50	0°38	18°19	4°24	25°26	15°59	29°20	28°19	15° 0	7°25	W12
T 13	19 22 38	20°21'03	16°31	15°19	2°40	15°25	0°40	18°16	4°23	25°28	16° 0	29°17	28°16	15° 7	7°22	T 13
F 14	19 26 34	21°18'17	28°33	16°40	3°53	16° 1	0°43	18°13	4°22	25°30	16° 1	29°14	28°13	15°13	7°20	F 14
S 15	19 30 31	22°15'31	10♎46	17°58	5° 6	16°37	0°46	18° 9	4°20	25°32	16° 2	29°13	28°10	15°20	7°18	S 15
S 16	19 34 27	23°12'45	23°13	19°14	6°19	17°13	0°49	18° 6	4°19	25°34	16° 3	29°D12	28° 7	15°27	7°16	S 16
M17	19 38 24	24° 9'59	6♏ 0	20°27	7°33	17°48	0°52	18° 3	4°17	25°36	16° 5	29°13	28° 3	15°34	7°14	M17
T 18	19 42 20	25° 7'14	19°10	21°38	8°46	18°24	0°56	18° 0	4°16	25°38	16° 6	29°14	28° 0	15°40	7°12	T 18
W19	19 46 17	26° 4'29	2♐46	22°46	9°59	19° 0	1° 0	17°57	4°15	25°40	16° 7	29°16	27°57	15°47	7°10	W19
T 20	19 50 14	27° 1'44	16°49	23°52	11°12	19°37	1° 3	17°54	4°14	25°42	16° 8	29°17	27°54	15°54	7° 8	T 20
F 21	19 54 10	27°58'59	1♑18	24°55	12°26	20°13	1° 7	17°51	4°13	25°44	16° 9	29°R17	27°51	16° 0	7° 6	F 21
S 22	19 58 7	28°56'15	16° 9	25°55	13°39	20°49	1°12	17°48	4°12	25°46	16°10	29°16	27°48	16° 7	7° 4	S 22
S 23	20 2 3	29°53'31	1♒16	26°52	14°52	21°25	1°16	17°45	4°10	25°48	16°11	29°14	27°44	16°14	7° 3	S 23
M24	20 6 0	0♌50'48	16°29	27°46	16° 6	22° 2	1°20	17°43	4° 9	25°50	16°12	29°11	27°41	16°20	7° 1	M24
T 25	20 9 56	1°48'06	1♓38	28°37	17°19	22°38	1°25	17°40	4° 9	25°52	16°13	29° 6	27°38	16°27	7° 0	T 25
W26	20 13 53	2°45'24	16°34	29°25	18°33	23°15	1°30	17°38	4° 8	25°54	16°14	29° 2	27°35	16°34	6°59	W26
T 27	20 17 49	3°42'43	1♈ 9	0♍ 9	19°46	23°51	1°35	17°35	4° 7	25°56	16°15	28°58	27°32	16°40	6°57	T 27
F 28	20 21 46	4°40'03	15°19	0°49	21° 0	24°28	1°40	17°33	4° 6	25°58	16°16	28°55	27°29	16°47	6°56	F 28
S 29	20 25 43	5°37'25	29° 3	1°26	22°13	25° 5	1°45	17°31	4° 5	25°59	16°17	28°53	27°25	16°54	6°55	S 29
S 30	20 29 39	6°34'47	12♉20	1°59	23°27	25°42	1°50	17°29	4° 4	26° 1	16°18	28°D53	27°22	17° 1	6°54	S 30
M31	20 33 36	7♌32'11	25♉14	2♍27	24♋40	26♍18	1♏56	17♐27	4♐ 4	26♊ 3	16♊19	28♐54	27♐19	17♌ 7	6♐53	M31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		Day
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
S 1	23n 9	12n 5	4n59	22n42	1n51	22n12	0s44	9n20	0n59	10s27	1n14	21s33	1n27	21s 0	0n 6	22n 7	1s14	13n13	9s32	23s27	23s27	13n13	16s35	5n 8	S 1
S 2	23 5	16 29	4 26	22 18	1 48	22 20	0 41	9 6	0 58	10 27	1 13	21 33	1 27	20 59	0 6	22 7	1 14	13 13	9 32	23 27	23 27	13 10	16 35	5 8	S 2
M 3	23 1	19 59	3 41	21 53	1 45	22 28	0 39	8 52	0 57	10 28	1 13	21 33	1 27	20 59	0 6	22 7	1 14	13 13	9 32	23 27	23 27	13 8	16 34	5 7	M 3
T 4	22 56	22 27	2 45	21 27	1 41	22 36	0 36	8 39	0 56	10 28	1 13	21 32	1 27	20 59	0 6	22 7	1 14	13 13	9 32	23 27	23 27	13 5	16 34	5 7	T 4
W 5	22 51	23 45	1 42	20 59	1 36	22 42	0 34	8 25	0 56	10 29	1 12	21 32	1 27	20 58	0 6	22 7	1 14	13 13	9 32	23 27	23 27	13 3	16 33	5 7	W 5
T 6	22 45	23 52	0 36	20 31	1 31	22 48	0 31	8 10	0 55	10 30	1 12	21 32	1 26	20 58	0 6	22 7	1 15	13 13	9 32	23 27	23 27	13 0	16 33	5 7	T 6
F 7	22 39	22 50	0s31	20 2	1 26	22 54	0 29	7 56	0 54	10 31	1 12	21 32	1 26	20 58	0 6	22 8	1 15	13 13	9 32	23 27	23 27	12 58	16 33	5 7	F 7
S 8	22 32	20 45	1 36	19 32	1 19	22 58	0 26	7 42	0 53	10 32	1 12	21 32	1 26	20 57	0 6	22 8	1 15	13 13	9 32	23 27	23 27	12 55	16 32	5 7	S 8
S 9	22 26	17 48	2 36	19 2	1 13	23 2	0 24	7 28	0 52	10 33	1 11	21 31	1 26	20 57	0 6	22 8	1 15	13 13	9 32	23 27	23 27	12 53	16 32	5 7	S 9
M10	22 18	14 8	3 29	18 30	1 6	23 6	0 21	7 13	0 51	10 34	1 11	21 31	1 26	20 57	0 6	22 8	1 15	13 14	9 32	23 27	23 27	12 50	16 32	5 6	M10
T 11	22 11	9 56	4 13	17 59	0 58	23 9	0 18	6 59	0 51	10 35	1 11	21 31	1 26	20 57	0 6	22 8	1 15	13 14	9 32	23 27	23 27	12 48	16 32	5 6	T 11
W12	22 3	5 23	4 46	17 27	0 50	23 11	0 16	6 45	0 50	10 36	1 11	21 31	1 26	20 56	0 6	22 8	1 15	13 14	9 32	23 27	23 26	12 45	16 31	5 6	W12
T 13	21 55	0 36	5 7	16 55	0 41	23 12	0 13	6 30	0 49	10 37	1 10	21 31	1 25	20 56	0 6	22 8	1 15	13 14	9 32	23 27	23 26	12 43	16 31	5 6	T 13
F 14	21 46	4s14	5 15	16 22	0 33	23 13	0 11	6 15	0 48	10 38	1 10	21 31	1 25	20 56	0 6	22 8	1 15	13 14	9 32	23 27	23 26	12 40	16 31	5 6	F 14
S 15	21 37	8 59	5 8	15 49	0 23	23 13	0 8	6 1	0 47	10 39	1 10	21 31	1 25	20 56	0 6	22 8	1 15	13 14	9 32	23 27	23 26	12 38	16 31	5 6	S 15
S 16	21 27	13 28	4 48	15 17	0 14	23 12	0 6	5 46	0 47	10 41	1 10	21 30	1 25	20 55	0 6	22 8	1 15	13 14	9 32	23 27	23 26	12 35	16 31	5 5	S 16
M17	21 17	17 30	4 12	14 44	0 3	23 11	0 3	5 31	0 46	10 42	1 9	21 30	1 25	20 55	0 6	22 8	1 15	13 14	9 33	23 27	23 26	12 33	16 31	5 5	M17
T 18	21 7	20 47	3 23	14 12	0s 7	23 9	0 1	5 17	0 45	10 44	1 9	21 30	1 25	20 55	0 6	22 8	1 15	13 14	9 33	23 27	23 26	12 30	16 30	5 5	T 18
W19	20 57	23 1	2 21	13 39	0 18	23 6	0n 2	5 2	0 44	10 45	1 9	21 30	1 25	20 55	0 6	22 8	1 15	13 14	9 33	23 27	23 26	12 28	16 30	5 5	W19
T 20	20 46	23 56	1 8	13 7	0 29	23 3	0 4	4 47	0 43	10 47	1 8	21 30	1 24	20 54	0 6	22 8	1 15	13 14	9 33	23 27	23 26	12 25	16 30	5 5	T 20
F 21	20 35	23 16	0n11	12 36	0 40	22 59	0 7	4 32	0 43	10 48	1 8	21 30	1 24	20 54	0 6	22 8	1 15	13 14	9 33	23 27	23 26	12 23	16 30	5 4	F 21
S 22	20 23	20 58	1 31	12 5	0 51	22 54	0 9	4 17	0 42	10 50	1 8	21 30	1 24	20 54	0 6	22 8	1 15	13 14	9 33	23 27	23 26	12 20	16 30	5 4	S 22
S 23	20 11	17 11	2 46	11 34	1 3	22 49	0 12	4 2	0 41	10 52	1 8	21 30	1 24	20 54	0 6	22 8	1 15	13 14	9 33	23 27	23 26	12 18	16 30	5 4	S 23
M24	19 59	12 15	3 50	11 5	1 15	22 43	0 14	3 47	0 40	10 54	1 7	21 30	1 24	20 54	0 6	22 9	1 15	13 14	9 33	23 27	23 26	12 15	16 30	5 4	M24
T 25	19 46	6 35	4 37	10 36	1 27	22 36	0 17	3 32	0 40	10 55	1 7	21 30	1 23	20 54	0 6	22 9	1 15	13 14	9 33	23 27	23 26	12 13	16 30	5 3	T 25
W26	19 33	0 38	5 5	10 8	1 40	22 29	0 19	3 17	0 39	10 57	1 7	21 30	1 23	20 53	0 6	22 9	1 15	13 14	9 33	23 27	23 26	12 10	16 30	5 3	W26
T 27	19 20	5n13	5 12	9 40	1 52	22 21	0 22	3 1	0 38	10 59	1 7	21 30	1 23	20 53	0 6	22 9	1 15	13 14	9 34	23 27	23 26	12 8	16 30	5 3	T 27
F 28	19 6	10 38	4 59	9 14	2 5	22 12	0 24	2 46	0 37	11 1	1 6	21 30	1 23	20 53	0 6	22 9	1 15	13 14	9 34	23 27	23 26	12 5	16 30	5 3	F 28
S 29	18 53	15 20	4 30	8 50	2 17	22 3	0 26	2 31	0 36	11 3	1 6	21 30	1 23	20 53	0 6	22 9	1 15	13 14	9 34	23 27	23 26	12 3	16 30	5 2	S 29
S 30	18 38	19 8	3 47	8 26	2 30	21 53	0 29	2 16	0 36	11 5	1 6	21 30	1 23	20 53	0 6	22 9	1 15	13 14	9 34	23 27	23 26	12 0	16 30	5 2	S 30
M31	18n24	21n53	2n53	8n 4	2s43	21n42	0n31	2n 0	0n35	11s 7	1n 6	21s30	1n22	20s53	0n 6	22n 9	1s15	13n14	9s34	23s27	23s25	11n58	16s31	5n 2	M31

Julian Day Number = 2414836.5, Delta T = -2.54 sec
Ecliptic obliquity = 23°27'08, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°20'12, Lahiri = 22°27'13

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ASTRODIENST EPHEMERIS for the year 1899
geocentric

AUGUST 1899 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
T 1	20 37 32	8♌29'36	7♊48	2♍52	25♋54	26♍55	2♏ 2	17°R25	4°R 3	26♊ 5	16♊20	28♐56	27♐16	17♌14	6°R52	T 1
W 2	20 41 29	9°27'02	20° 7	3°12	27° 8	27°33	2° 7	17♐23	4♐ 3	26° 6	16°21	28°57	27°13	17°21	6♐52	W 2
T 3	20 45 25	10°24'29	2♋14	3°27	28°21	28°10	2°13	17°21	4° 2	26° 8	16°22	28°R57	27° 9	17°27	6°51	T 3
F 4	20 49 22	11°21'57	14°13	3°37	29°35	28°47	2°20	17°19	4° 2	26°10	16°23	28°56	27° 6	17°34	6°51	F 4
S 5	20 53 19	12°19'26	26° 6	3°42	0♌49	29°24	2°26	17°18	4° 1	26°12	16°24	28°53	27° 3	17°41	6°50	S 5
S 6	20 57 15	13°16'57	7♌56	3°R42	2° 3	0♎ 1	2°32	17°16	4° 1	26°13	16°24	28°47	27° 0	17°47	6°50	S 6
M 7	21 1 12	14°14'28	19°46	3°37	3°16	0°39	2°39	17°15	4° 0	26°15	16°25	28°40	26°57	17°54	6°50	M 7
T 8	21 5 8	15°12'00	1♍37	3°27	4°30	1°16	2°45	17°13	4° 0	26°16	16°26	28°32	26°54	18° 1	6°50	T 8
W 9	21 9 5	16° 9'34	13°30	3°11	5°44	1°54	2°52	17°12	4° 0	26°18	16°27	28°23	26°50	18° 7	6°D50	W 9
T 10	21 13 1	17° 7'08	25°29	2°49	6°58	2°31	2°59	17°11	4° 0	26°20	16°28	28°14	26°47	18°14	6°50	T 10
F 11	21 16 58	18° 4'44	7♎34	2°23	8°12	3° 9	3° 6	17°10	4° 0	26°21	16°28	28° 7	26°44	18°21	6°50	F 11
S 12	21 20 54	19° 2'20	19°49	1°51	9°26	3°47	3°14	17° 9	4° 0	26°23	16°29	28° 1	26°41	18°27	6°50	S 12
S 13	21 24 51	19°59'57	2♏16	1°15	10°40	4°25	3°21	17° 8	4°D 0	26°24	16°30	27°57	26°38	18°34	6°51	S 13
M14	21 28 47	20°57'36	15° 0	0°34	11°54	5° 3	3°28	17° 7	4° 0	26°26	16°30	27°55	26°35	18°41	6°51	M14
T 15	21 32 44	21°55'15	28° 4	29♌49	13° 8	5°40	3°36	17° 6	4° 0	26°27	16°31	27°D55	26°31	18°48	6°52	T 15
W16	21 36 41	22°52'56	11♐32	29° 2	14°22	6°19	3°44	17° 6	4° 0	26°29	16°32	27°56	26°28	18°54	6°52	W16
T 17	21 40 37	23°50'37	25°25	28°12	15°36	6°57	3°52	17° 5	4° 0	26°30	16°32	27°R57	26°25	19° 1	6°53	T 17
F 18	21 44 34	24°48'20	9♑45	27°20	16°50	7°35	4° 0	17° 5	4° 0	26°31	16°33	27°56	26°22	19° 8	6°54	F 18
S 19	21 48 30	25°46'03	24°30	26°28	18° 4	8°13	4° 8	17° 5	4° 1	26°33	16°34	27°54	26°19	19°14	6°55	S 19
S 20	21 52 27	26°43'48	9♒35	25°36	19°18	8°51	4°16	17° 4	4° 1	26°34	16°34	27°49	26°15	19°21	6°56	S 20
M21	21 56 23	27°41'34	24°51	24°46	20°32	9°30	4°24	17° 4	4° 1	26°35	16°35	27°42	26°12	19°28	6°57	M21
T 22	22 0 20	28°39'22	10♓ 8	23°59	21°46	10° 8	4°33	17°D 4	4° 2	26°36	16°35	27°33	26° 9	19°34	6°58	T 22
W23	22 4 16	29°37'11	25°15	23°15	23° 0	10°46	4°41	17° 4	4° 2	26°38	16°36	27°24	26° 6	19°41	7° 0	W23
T 24	22 8 13	0♍35'01	10♈ 2	22°35	24°15	11°25	4°50	17° 5	4° 3	26°39	16°36	27°16	26° 3	19°48	7° 1	T 24
F 25	22 12 10	1°32'53	24°22	22° 1	25°29	12° 4	4°59	17° 5	4° 3	26°40	16°37	27° 9	26° 0	19°55	7° 3	F 25
S 26	22 16 6	2°30'47	8♉12	21°34	26°43	12°42	5° 8	17° 5	4° 4	26°41	16°37	27° 4	25°56	20° 1	7° 4	S 26
S 27	22 20 3	3°28'43	21°34	21°13	27°57	13°21	5°17	17° 6	4° 5	26°42	16°38	27° 2	25°53	20° 8	7° 6	S 27
M28	22 23 59	4°26'41	4♊28	21° 0	29°12	14° 0	5°26	17° 6	4° 5	26°43	16°38	27°D 1	25°50	20°15	7° 8	M28
T 29	22 27 56	5°24'41	17° 0	20°D55	0♍26	14°39	5°35	17° 7	4° 6	26°45	16°39	27° 1	25°47	20°21	7° 9	T 29
W30	22 31 52	6°22'43	29°14	20°58	1°41	15°18	5°44	17° 8	4° 7	26°46	16°39	27°R 2	25°44	20°28	7°11	W30
T 31	22 35 49	7♍20'46	11♋16	21♌ 9	2♍55	15♎57	5♏54	17♐ 9	4♐ 8	26♊47	16♊39	27♐ 1	25♐40	20♌35	7♐14	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	18n 9	23n28	1n53	7n44	2s55	21n31	0n33	1n45	0n34	11s10	1n 5	21s30	1n22	20s53	0n 6	22n 9	1s15	13n14	9s34	23s27	23s25	11n55	16s31	5n 2
W 2	17 54	23 53	0 48	7 25	3 7	21 19	0 35	1 29	0 33	11 12	1 5	21 30	1 22	20 53	0 6	22 9	1 15	13 14	9 34	23 27	23 25	11 53	16 31	5 1
T 3	17 38	23 8	0s18	7 9	3 20	21 7	0 37	1 14	0 33	11 14	1 5	21 30	1 22	20 52	0 6	22 9	1 15	13 14	9 34	23 27	23 25	11 50	16 31	5 1
F 4	17 23	21 20	1 22	6 54	3 31	20 54	0 40	0 58	0 32	11 16	1 5	21 30	1 22	20 52	0 6	22 9	1 15	13 14	9 34	23 27	23 25	11 47	16 31	5 1
S 5	17 7	18 37	2 22	6 42	3 43	20 40	0 42	0 43	0 31	11 19	1 4	21 30	1 21	20 52	0 6	22 9	1 15	13 14	9 35	23 27	23 25	11 45	16 31	5 0
S 6	16 50	15 9	3 15	6 31	3 53	20 26	0 44	0 27	0 30	11 21	1 4	21 30	1 21	20 52	0 6	22 9	1 15	13 14	9 35	23 27	23 25	11 42	16 32	5 0
M 7	16 34	11 6	4 0	6 24	4 4	20 11	0 46	0 12	0 30	11 24	1 4	21 30	1 21	20 52	0 6	22 9	1 15	13 13	9 35	23 27	23 25	11 40	16 32	5 0
T 8	16 17	6 38	4 34	6 19	4 13	19 55	0 48	0s 4	0 29	11 26	1 4	21 30	1 21	20 52	0 5	22 9	1 15	13 13	9 35	23 27	23 25	11 37	16 32	5 0
W 9	16 0	1 55	4 57	6 16	4 22	19 39	0 50	0 19	0 28	11 29	1 4	21 30	1 21	20 52	0 5	22 9	1 15	13 13	9 35	23 27	23 25	11 35	16 33	4 59
T 10	15 43	2s53	5 6	6 17	4 29	19 23	0 52	0 35	0 28	11 31	1 3	21 30	1 21	20 52	0 5	22 9	1 15	13 13	9 35	23 26	23 25	11 32	16 33	4 59
F 11	15 25	7 38	5 3	6 20	4 36	19 5	0 54	0 51	0 27	11 34	1 3	21 30	1 20	20 52	0 5	22 9	1 15	13 13	9 35	23 26	23 25	11 30	16 33	4 59
S 12	15 7	12 9	4 45	6 27	4 41	18 48	0 55	1 6	0 26	11 37	1 3	21 30	1 20	20 52	0 5	22 9	1 15	13 13	9 36	23 26	23 25	11 27	16 33	4 58
S 13	14 49	16 14	4 14	6 36	4 45	18 29	0 57	1 22	0 25	11 39	1 3	21 30	1 20	20 52	0 5	22 9	1 15	13 13	9 36	23 26	23 25	11 25	16 34	4 58
M14	14 31	19 41	3 30	6 48	4 47	18 11	0 59	1 38	0 25	11 42	1 2	21 30	1 20	20 52	0 5	22 9	1 15	13 13	9 36	23 26	23 24	11 22	16 34	4 58
T 15	14 13	22 14	2 33	7 3	4 47	17 51	1 1	1 53	0 24	11 45	1 2	21 30	1 20	20 52	0 5	22 9	1 15	13 13	9 36	23 26	23 24	11 19	16 35	4 58
W16	13 54	23 37	1 27	7 21	4 46	17 32	1 2	2 9	0 23	11 48	1 2	21 31	1 19	20 52	0 5	22 9	1 15	13 13	9 36	23 26	23 24	11 17	16 35	4 57
T 17	13 35	23 36	0 14	7 41	4 43	17 11	1 4	2 25	0 22	11 51	1 2	21 31	1 19	20 52	0 5	22 9	1 15	13 13	9 36	23 26	23 24	11 14	16 35	4 57
F 18	13 16	22 3	1n 3	8 3	4 37	16 50	1 5	2 41	0 22	11 53	1 2	21 31	1 19	20 52	0 5	22 9	1 15	13 13	9 36	23 26	23 24	11 12	16 36	4 57
S 19	12 56	18 59	2 17	8 27	4 30	16 29	1 7	2 56	0 21	11 56	1 1	21 31	1 19	20 52	0 5	22 9	1 15	13 13	9 37	23 26	23 24	11 9	16 36	4 56
S 20	12 37	14 35	3 23	8 53	4 22	16 7	1 8	3 12	0 20	11 59	1 1	21 31	1 19	20 53	0 5	22 9	1 15	13 12	9 37	23 26	23 24	11 7	16 37	4 56
M21	12 17	9 13	4 16	9 20	4 11	15 45	1 10	3 28	0 20	12 2	1 1	21 31	1 18	20 53	0 5	22 9	1 15	13 12	9 37	23 26	23 24	11 4	16 37	4 56
T 22	11 57	3 17	4 50	9 47	3 59	15 23	1 11	3 44	0 19	12 5	1 1	21 32	1 18	20 53	0 5	22 9	1 15	13 12	9 37	23 26	23 24	11 2	16 38	4 55
W23	11 37	2n45	5 4	10 14	3 45	15 0	1 12	3 59	0 18	12 8	1 0	21 32	1 18	20 53	0 5	22 9	1 15	13 12	9 37	23 26	23 24	10 59	16 38	4 55
T 24	11 16	8 31	4 57	10 41	3 30	14 36	1 14	4 15	0 17	12 12	1 0	21 32	1 18	20 53	0 5	22 9	1 15	13 12	9 37	23 25	23 24	10 56	16 39	4 55
F 25	10 56	13 38	4 31	11 7	3 13	14 12	1 15	4 31	0 17	12 15	1 0	21 32	1 18	20 53	0 5	22 9	1 15	13 12	9 38	23 25	23 23	10 54	16 39	4 54
S 26	10 35	17 52	3 50	11 32	2 56	13 48	1 16	4 46	0 16	12 18	1 0	21 32	1 17	20 53	0 5	22 9	1 15	13 12	9 38	23 25	23 23	10 51	16 40	4 54
S 27	10 14	21 1	2 57	11 56	2 38	13 23	1 17	5 2	0 15	12 21	1 0	21 33	1 17	20 53	0 5	22 9	1 16	13 12	9 38	23 25	23 23	10 49	16 41	4 54
M28	9 53	22 58	1 57	12 17	2 20	12 58	1 18	5 18	0 15	12 24	0 59	21 33	1 17	20 53	0 5	22 9	1 16	13 12	9 38	23 25	23 23	10 46	16 41	4 54
T 29	9 32	23 42	0 53	12 37	2 1	12 33	1 19	5 34	0 14	12 28	0 59	21 33	1 17	20 54	0 5	22 9	1 16	13 11	9 38	23 25	23 23	10 44	16 42	4 53
W30	9 11	23 15	0s12	12 54	1 43	12 7	1 20	5 49	0 13	12 31	0 59	21 33	1 17	20 54	0 5	22 9	1 16	13 11	9 38	23 25	23 23	10 41	16 42	4 53
T 31	8n49	21n44	1s15	13n 8	1s24	11n41	1n20	6s 5	0n13	12s34	0n59	21s34	1n16	20s54	0n 5	22n 9	1s16	13n11	9s38	23s25	23s23	10n38	16s43	4n53

Julian Day Number = 2414867.5, Delta T = -2.45 sec
Ecliptic obliquity = 23°27'08, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°20'16, Lahiri = 22°27'17

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ASTRODIENST EPHEMERIS for the year 1899
geocentric

SEPTEMBER 1899 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	22 39 45	8♍18'52	23♋10	21♌29	4♍ 9	16♎36	6♏ 3	17♐ 9	4♐ 9	26♊48	16♊40	26°R58	25♐37	20♌41	7♐16	F 1
S 2	22 43 42	9°16'59	4♌59	21°57	5°24	17°15	6°13	17°11	4°10	26°48	16°40	26♐52	25°34	20°48	7°18	S 2
S 3	22 47 39	10°15'08	16°48	22°33	6°38	17°54	6°23	17°12	4°11	26°49	16°40	26°44	25°31	20°55	7°20	S 3
M 4	22 51 35	11°13'19	28°39	23°18	7°53	18°33	6°33	17°13	4°12	26°50	16°41	26°33	25°28	21° 2	7°23	M 4
T 5	22 55 32	12°11'31	10♍34	24°10	9° 7	19°13	6°43	17°14	4°13	26°51	16°41	26°20	25°25	21° 8	7°25	T 5
W 6	22 59 28	13° 9'45	22°34	25°10	10°22	19°52	6°53	17°16	4°15	26°52	16°41	26° 6	25°21	21°15	7°28	W 6
T 7	23 3 25	14° 8'01	4♎41	26°17	11°36	20°32	7° 3	17°17	4°16	26°53	16°41	25°53	25°18	21°22	7°31	T 7
F 8	23 7 21	15° 6'19	16°55	27°30	12°51	21°11	7°13	17°19	4°17	26°53	16°42	25°41	25°15	21°28	7°33	F 8
S 9	23 11 18	16° 4'39	29°19	28°49	14° 5	21°51	7°23	17°21	4°18	26°54	16°42	25°31	25°12	21°35	7°36	S 9
S 10	23 15 14	17° 3'00	11♏53	0♍14	15°20	22°30	7°34	17°22	4°20	26°55	16°42	25°25	25° 9	21°42	7°39	S 10
M11	23 19 11	18° 1'22	24°41	1°43	16°34	23°10	7°44	17°24	4°21	26°56	16°42	25°21	25° 6	21°48	7°42	M11
T 12	23 23 8	18°59'47	7♐44	3°17	17°49	23°50	7°55	17°26	4°23	26°56	16°42	25°19	25° 2	21°55	7°45	T 12
W13	23 27 4	19°58'13	21° 7	4°55	19° 4	24°30	8° 5	17°28	4°24	26°57	16°42	25°19	24°59	22° 2	7°49	W13
T 14	23 31 1	20°56'40	4♑51	6°36	20°18	25°10	8°16	17°31	4°26	26°57	16°42	25°19	24°56	22° 8	7°52	T 14
F 15	23 34 57	21°55'09	18°58	8°19	21°33	25°50	8°27	17°33	4°28	26°58	16°42	25°18	24°53	22°15	7°55	F 15
S 16	23 38 54	22°53'40	3♒28	10° 5	22°48	26°30	8°38	17°35	4°29	26°58	16°R42	25°14	24°50	22°22	7°59	S 16
S 17	23 42 50	23°52'12	18°17	11°52	24° 2	27°10	8°49	17°38	4°31	26°59	16°42	25° 8	24°46	22°29	8° 2	S 17
M18	23 46 47	24°50'46	3♓20	13°41	25°17	27°50	9° 0	17°40	4°33	26°59	16°42	24°59	24°43	22°35	8° 6	M18
T 19	23 50 43	25°49'22	18°28	15°31	26°32	28°31	9°11	17°43	4°35	27° 0	16°42	24°49	24°40	22°42	8°10	T 19
W20	23 54 40	26°48'00	3♈30	17°22	27°46	29°11	9°22	17°46	4°37	27° 0	16°42	24°37	24°37	22°49	8°14	W20
T 21	23 58 37	27°46'39	18°17	19°13	29° 1	29°51	9°34	17°48	4°39	27° 0	16°42	24°27	24°34	22°55	8°17	T 21
F 22	0 2 33	28°45'21	2♉40	21° 4	0♎16	0♏32	9°45	17°51	4°40	27° 1	16°42	24°17	24°31	23° 2	8°21	F 22
S 23	0 6 30	29°44'05	16°35	22°55	1°31	1°12	9°56	17°54	4°42	27° 1	16°42	24°11	24°27	23° 9	8°25	S 23
S 24	0 10 26	0♎42'51	0♊ 1	24°45	2°46	1°53	10° 8	17°57	4°45	27° 1	16°42	24° 7	24°24	23°16	8°29	S 24
M25	0 14 23	1°41'40	13° 0	26°36	4° 0	2°33	10°19	18° 1	4°47	27° 1	16°42	24° 5	24°21	23°22	8°34	M25
T 26	0 18 19	2°40'31	25°35	28°26	5°15	3°14	10°31	18° 4	4°49	27° 1	16°41	24°D 5	24°18	23°29	8°38	T 26
W27	0 22 16	3°39'24	7♋50	0♎15	6°30	3°55	10°43	18° 7	4°51	27° 2	16°41	24°R 5	24°15	23°36	8°42	W27
T 28	0 26 12	4°38'19	19°52	2° 4	7°45	4°36	10°54	18°11	4°53	27° 2	16°41	24° 4	24°12	23°42	8°47	T 28
F 29	0 30 9	5°37'17	1♌45	3°52	9° 0	5°17	11° 6	18°14	4°55	27° 2	16°41	24° 1	24° 8	23°49	8°51	F 29
S 30	0 34 6	6♎36'16	13♌34	5♎39	10♎14	5♏58	11♏18	18♐18	4♐58	27°R 2	16♊40	23♐56	24♐ 5	23♌56	8♐56	S 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n27	19n16	2s14	13n18	1s 6	11n15	1n21	6s21	0n12	12s37	0n59	21s34	1n16	20s54	0n 5	22n 9	1s16	13n11	9s39	23s25	23s23	10n36	16s44	4n52
S 2	8 6	16 0	3 7	13 26	0 48	10 48	1 22	6 36	0 11	12 41	0 59	21 34	1 16	20 54	0 5	22 9	1 16	13 11	9 39	23 25	23 23	10 33	16 44	4 52
S 3	7 44	12 8	3 52	13 31	0 31	10 21	1 22	6 52	0 10	12 44	0 58	21 35	1 16	20 55	0 5	22 9	1 16	13 11	9 39	23 25	23 23	10 31	16 45	4 52
M 4	7 22	7 47	4 26	13 32	0 15	9 54	1 23	7 8	0 10	12 48	0 58	21 35	1 16	20 55	0 5	22 9	1 16	13 11	9 39	23 24	23 22	10 28	16 46	4 51
T 5	6 59	3 9	4 49	13 29	0n 1	9 27	1 23	7 23	0 9	12 51	0 58	21 35	1 15	20 55	0 5	22 9	1 16	13 11	9 39	23 24	23 22	10 26	16 46	4 51
W 6	6 37	1s38	5 0	13 23	0 15	8 59	1 24	7 39	0 8	12 54	0 58	21 36	1 15	20 55	0 5	22 9	1 16	13 10	9 39	23 24	23 22	10 23	16 47	4 51
T 7	6 15	6 24	4 57	13 13	0 29	8 31	1 24	7 54	0 8	12 58	0 58	21 36	1 15	20 56	0 5	22 9	1 16	13 10	9 40	23 23	23 22	10 20	16 48	4 51
F 8	5 52	10 58	4 40	13 0	0 42	8 2	1 24	8 10	0 7	13 1	0 57	21 36	1 15	20 56	0 5	22 9	1 16	13 10	9 40	23 23	23 22	10 18	16 49	4 50
S 9	5 30	15 8	4 10	12 43	0 53	7 34	1 25	8 25	0 6	13 5	0 57	21 37	1 15	20 56	0 5	22 9	1 16	13 10	9 40	23 23	23 22	10 15	16 49	4 50
S 10	5 7	18 42	3 28	12 24	1 4	7 5	1 25	8 40	0 6	13 8	0 57	21 37	1 14	20 56	0 5	22 9	1 16	13 10	9 40	23 22	23 22	10 13	16 50	4 50
M11	4 44	21 27	2 34	12 0	1 13	6 36	1 25	8 56	0 5	13 12	0 57	21 37	1 14	20 57	0 5	22 9	1 16	13 10	9 40	23 22	23 22	10 10	16 51	4 49
T 12	4 21	23 7	1 32	11 34	1 21	6 7	1 25	9 11	0 4	13 16	0 57	21 38	1 14	20 57	0 5	22 9	1 16	13 9	9 41	23 22	23 22	10 7	16 52	4 49
W13	3 58	23 31	0 22	11 5	1 28	5 38	1 25	9 27	0 4	13 19	0 57	21 38	1 14	20 57	0 5	22 9	1 16	13 9	9 41	23 22	23 21	10 5	16 52	4 49
T 14	3 35	22 32	0n50	10 34	1 35	5 8	1 25	9 42	0 3	13 23	0 56	21 39	1 14	20 58	0 5	22 9	1 16	13 9	9 41	23 22	23 21	10 2	16 53	4 48
F 15	3 12	20 6	2 1	10 0	1 40	4 39	1 25	9 57	0 2	13 26	0 56	21 39	1 14	20 58	0 5	22 9	1 16	13 9	9 41	23 22	23 21	10 0	16 54	4 48
S 16	2 49	16 22	3 7	9 23	1 44	4 9	1 24	10 12	0 2	13 30	0 56	21 39	1 13	20 58	0 5	22 9	1 16	13 9	9 41	23 22	23 21	9 57	16 55	4 48
S 17	2 26	11 32	4 1	8 45	1 47	3 39	1 24	10 27	0 1	13 34	0 56	21 40	1 13	20 58	0 5	22 9	1 16	13 9	9 41	23 22	23 21	9 55	16 56	4 48
M18	2 3	5 57	4 39	8 5	1 49	3 9	1 24	10 42	0 0	13 37	0 56	21 40	1 13	20 59	0 5	22 9	1 16	13 8	9 42	23 21	23 21	9 52	16 56	4 47
T 19	1 40	0n 1	4 58	7 24	1 50	2 39	1 23	10 57	0s 0	13 41	0 56	21 41	1 13	20 59	0 5	22 9	1 16	13 8	9 42	23 21	23 21	9 49	16 57	4 47
W20	1 16	5 56	4 57	6 41	1 50	2 9	1 23	11 12	0 1	13 45	0 55	21 41	1 13	21 0	0 5	22 9	1 16	13 8	9 42	23 21	23 21	9 47	16 58	4 47
T 21	0 53	11 24	4 35	5 58	1 50	1 39	1 22	11 27	0 2	13 48	0 55	21 41	1 12	21 0	0 5	22 9	1 16	13 8	9 42	23 20	23 20	9 44	16 59	4 47
F 22	0 30	16 6	3 56	5 13	1 49	1 9	1 22	11 42	0 2	13 52	0 55	21 42	1 12	21 0	0 5	22 9	1 16	13 8	9 42	23 20	23 20	9 42	17 0	4 46
S 23	0 6	19 45	3 4	4 28	1 48	0 38	1 21	11 57	0 3	13 56	0 55	21 42	1 12	21 1	0 5	22 9	1 16	13 8	9 42	23 19	23 20	9 39	17 1	4 46
S 24	0s17	22 11	2 4	3 42	1 45	0 8	1 20	12 11	0 4	14 0	0 55	21 43	1 12	21 1	0 5	22 9	1 16	13 7	9 43	23 19	23 20	9 36	17 2	4 46
M25	0 40	23 20	0 58	2 55	1 43	0s23	1 19	12 26	0 4	14 3	0 55	21 43	1 12	21 1	0 5	22 9	1 17	13 7	9 43	23 19	23 20	9 34	17 2	4 46
T 26	1 4	23 15	0s 8	2 9	1 40	0 53	1 18	12 41	0 5	14 7	0 55	21 44	1 11	21 2	0 5	22 9	1 17	13 7	9 43	23 19	23 20	9 31	17 3	4 45
W27	1 27	22 1	1 12	1 22	1 36	1 24	1 18	12 55	0 6	14 11	0 54	21 44	1 11	21 2	0 5	22 9	1 17	13 7	9 43	23 19	23 20	9 29	17 4	4 45
T 28	1 51	19 48	2 12	0 35	1 32	1 54	1 17	13 9	0 6	14 15	0 54	21 45	1 11	21 3	0 5	22 9	1 17	13 7	9 43	23 19	23 19	9 26	17 5	4 45
F 29	2 14	16 46	3 5	0s12	1 27	2 25	1 16	13 24	0 7	14 19	0 54	21 45	1 11	21 3	0 5	22 8	1 17	13 6	9 43	23 19	23 19	9 23	17 6	4 45
S 30	2s37	13n 5	3s50	0s59	1n23	2s55	1n14	13s38	0s 7	14s22	0n54	21s46	1n11	21s 4	0n 5	22n 8	1s17	13n 6	9s44	23s19	23s19	9n21	17s 7	4n44

Julian Day Number = 2414898.5, Delta T = -2.36 sec
Ecliptic obliquity = 23°27'08, Nutation = 0°00'18, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°20'21, Lahiri = 22°27'21

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ASTRODIENST EPHEMERIS for the year 1899
geocentric

OCTOBER 1899 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
S 1	0 38 2	7♎35'18	25♌24	7♎26	11♎29	6♏39	11♏30	18♐21	5♐ 0	27°R 2	16°R40	23°R48	24♐ 2	24♌ 2	9♐ 0	S 1
M 2	0 41 59	8°34'23	7♍18	9°12	12°44	7°20	11°42	18°25	5° 3	27♊ 2	16♊40	23♐38	23°59	24° 9	9° 5	M 2
T 3	0 45 55	9°33'29	19°19	10°57	13°59	8° 1	11°54	18°29	5° 5	27° 2	16°39	23°25	23°56	24°16	9°10	T 3
W 4	0 49 52	10°32'38	1♎29	12°41	15°14	8°42	12° 6	18°33	5° 7	27° 1	16°39	23°12	23°52	24°23	9°15	W 4
T 5	0 53 48	11°31'48	13°48	14°24	16°29	9°24	12°18	18°37	5°10	27° 1	16°39	22°59	23°49	24°29	9°19	T 5
F 6	0 57 45	12°31'01	26°16	16° 6	17°44	10° 5	12°31	18°41	5°13	27° 1	16°38	22°47	23°46	24°36	9°24	F 6
S 7	1 1 41	13°30'16	8♏56	17°48	18°59	10°46	12°43	18°45	5°15	27° 1	16°38	22°38	23°43	24°43	9°29	S 7
S 8	1 5 38	14°29'32	21°45	19°29	20°14	11°28	12°55	18°49	5°18	27° 1	16°37	22°31	23°40	24°49	9°35	S 8
M 9	1 9 34	15°28'51	4♐46	21° 9	21°29	12° 9	13° 8	18°54	5°20	27° 0	16°37	22°27	23°37	24°56	9°40	M 9
T 10	1 13 31	16°28'11	17°59	22°49	22°43	12°51	13°20	18°58	5°23	27° 0	16°36	22°D26	23°33	25° 3	9°45	T 10
W11	1 17 28	17°27'34	1♑26	24°27	23°58	13°33	13°33	19° 3	5°26	27° 0	16°36	22°26	23°30	25° 9	9°50	W11
T 12	1 21 24	18°26'58	15° 9	26° 5	25°13	14°15	13°45	19° 7	5°29	26°59	16°35	22°R27	23°27	25°16	9°56	T 12
F 13	1 25 21	19°26'24	29° 7	27°42	26°28	14°56	13°58	19°12	5°31	26°59	16°35	22°26	23°24	25°23	10° 1	F 13
S 14	1 29 17	20°25'51	13♒22	29°19	27°43	15°38	14°10	19°16	5°34	26°59	16°34	22°24	23°21	25°30	10° 6	S 14
S 15	1 33 14	21°25'20	27°51	0♏55	28°58	16°20	14°23	19°21	5°37	26°58	16°34	22°20	23°17	25°36	10°12	S 15
M16	1 37 10	22°24'51	12♓31	2°30	0♏13	17° 2	14°35	19°26	5°40	26°58	16°33	22°13	23°14	25°43	10°18	M16
T 17	1 41 7	23°24'24	27°16	4° 4	1°28	17°44	14°48	19°31	5°43	26°57	16°33	22° 4	23°11	25°50	10°23	T 17
W18	1 45 3	24°23'58	11♈57	5°38	2°43	18°26	15° 1	19°36	5°46	26°56	16°32	21°55	23° 8	25°56	10°29	W18
T 19	1 49 0	25°23'35	26°28	7°12	3°58	19° 9	15°14	19°41	5°49	26°56	16°31	21°46	23° 5	26° 3	10°35	T 19
F 20	1 52 57	26°23'13	10♉41	8°44	5°13	19°51	15°27	19°46	5°52	26°55	16°31	21°38	23° 2	26°10	10°40	F 20
S 21	1 56 53	27°22'54	24°31	10°16	6°28	20°33	15°39	19°51	5°55	26°55	16°30	21°33	22°58	26°17	10°46	S 21
S 22	2 0 50	28°22'37	7♊57	11°48	7°43	21°16	15°52	19°56	5°58	26°54	16°29	21°30	22°55	26°23	10°52	S 22
M23	2 4 46	29°22'22	20°57	13°19	8°58	21°58	16° 5	20° 1	6° 1	26°53	16°28	21°D29	22°52	26°30	10°58	M23
T 24	2 8 43	0♏22'09	3♋34	14°49	10°13	22°41	16°18	20° 7	6° 4	26°52	16°28	21°30	22°49	26°37	11° 4	T 24
W25	2 12 39	1°21'59	15°53	16°19	11°28	23°23	16°31	20°12	6° 8	26°52	16°27	21°31	22°46	26°43	11°10	W25
T 26	2 16 36	2°21'50	27°57	17°48	12°43	24° 6	16°44	20°18	6°11	26°51	16°26	21°R32	22°43	26°50	11°16	T 26
F 27	2 20 32	3°21'44	9♌52	19°17	13°58	24°48	16°57	20°23	6°14	26°50	16°25	21°32	22°39	26°57	11°22	F 27
S 28	2 24 29	4°21'40	21°43	20°45	15°13	25°31	17°10	20°29	6°17	26°49	16°25	21°30	22°36	27° 3	11°28	S 28
S 29	2 28 26	5°21'39	3♍35	22°12	16°28	26°14	17°23	20°34	6°20	26°48	16°24	21°26	22°33	27°10	11°35	S 29
M30	2 32 22	6°21'39	15°32	23°39	17°43	26°57	17°36	20°40	6°24	26°47	16°23	21°20	22°30	27°17	11°41	M30
T 31	2 36 19	7♏21'41	27♍38	25♏ 6	18♏58	27♏40	17♏50	20♐46	6♐27	26♊46	16♊22	21♐13	22♐27	27♌24	11♐47	T 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	3 s 1	8n54	4 s25	1 s46	1n18	3 s25	1n13	13 s52	0 s 8	14 s26	0n54	21 s46	1n11	21 s 4	0n 5	22n 8	1 s17	13n 6	9 s44	23 s18	23 s19	9n18	17 s 8	4n44
M 2	3 24	4 21	4 49	2 32	1 12	3 56	1 12	14 6	0 9	14 30	0 54	21 47	1 10	21 4	0 5	22 8	1 17	13 6	9 44	23 18	23 19	9 16	17 9	4 44
T 3	3 47	0 s22	5 0	3 19	1 7	4 26	1 11	14 20	0 9	14 34	0 54	21 47	1 10	21 5	0 5	22 8	1 17	13 6	9 44	23 17	23 19	9 13	17 10	4 44
W 4	4 11	5 8	4 58	4 5	1 1	4 56	1 9	14 34	0 10	14 38	0 54	21 48	1 10	21 5	0 5	22 8	1 17	13 6	9 44	23 17	23 19	9 10	17 11	4 44
T 5	4 34	9 46	4 42	4 50	0 55	5 26	1 8	14 48	0 11	14 41	0 53	21 48	1 10	21 6	0 5	22 8	1 17	13 5	9 44	23 16	23 18	9 8	17 12	4 43
F 6	4 57	14 3	4 12	5 36	0 49	5 56	1 7	15 2	0 11	14 45	0 53	21 49	1 10	21 6	0 5	22 8	1 17	13 5	9 44	23 15	23 18	9 5	17 12	4 43
S 7	5 20	17 47	3 29	6 20	0 42	6 26	1 5	15 15	0 12	14 49	0 53	21 49	1 10	21 7	0 5	22 8	1 17	13 5	9 45	23 15	23 18	9 3	17 13	4 43
S 8	5 43	20 43	2 35	7 5	0 36	6 56	1 4	15 29	0 13	14 53	0 53	21 50	1 9	21 7	0 5	22 8	1 17	13 5	9 45	23 14	23 18	9 0	17 14	4 43
M 9	6 6	22 37	1 33	7 48	0 29	7 25	1 2	15 42	0 13	14 57	0 53	21 50	1 9	21 8	0 5	22 8	1 17	13 5	9 45	23 14	23 18	8 57	17 15	4 42
T 10	6 29	23 18	0 24	8 32	0 23	7 55	1 0	15 55	0 14	15 1	0 53	21 51	1 9	21 8	0 5	22 8	1 17	13 4	9 45	23 14	23 18	8 55	17 16	4 42
W11	6 51	22 39	0n48	9 14	0 16	8 24	0 59	16 9	0 14	15 4	0 53	21 51	1 9	21 9	0 5	22 8	1 17	13 4	9 45	23 14	23 18	8 52	17 17	4 42
T 12	7 14	20 38	1 58	9 56	0 9	8 53	0 57	16 22	0 15	15 8	0 53	21 52	1 9	21 9	0 5	22 8	1 17	13 4	9 45	23 14	23 17	8 50	17 18	4 42
F 13	7 37	17 22	3 2	10 38	0 2	9 22	0 55	16 35	0 16	15 12	0 52	21 52	1 9	21 10	0 5	22 8	1 17	13 4	9 45	23 14	23 17	8 47	17 19	4 42
S 14	7 59	13 2	3 57	11 19	0 s 5	9 50	0 53	16 47	0 16	15 16	0 52	21 53	1 8	21 10	0 5	22 8	1 17	13 4	9 46	23 14	23 17	8 44	17 20	4 42
S 15	8 21	7 53	4 37	11 59	0 12	10 19	0 51	17 0	0 17	15 20	0 52	21 53	1 8	21 11	0 5	22 8	1 17	13 3	9 46	23 14	23 17	8 42	17 21	4 41
M16	8 44	2 15	5 0	12 38	0 18	10 47	0 50	17 13	0 17	15 24	0 52	21 54	1 8	21 11	0 5	22 8	1 17	13 3	9 46	23 13	23 17	8 39	17 22	4 41
T 17	9 6	3n33	5 3	13 17	0 25	11 15	0 48	17 25	0 18	15 27	0 52	21 54	1 8	21 12	0 5	22 8	1 17	13 3	9 46	23 13	23 17	8 37	17 23	4 41
W18	9 28	9 7	4 46	13 55	0 32	11 43	0 46	17 37	0 19	15 31	0 52	21 55	1 8	21 12	0 5	22 8	1 17	13 3	9 46	23 12	23 16	8 34	17 24	4 41
T 19	9 50	14 7	4 11	14 32	0 39	12 10	0 44	17 50	0 19	15 35	0 52	21 56	1 8	21 13	0 5	22 8	1 17	13 3	9 46	23 12	23 16	8 31	17 25	4 41
F 20	10 11	18 13	3 21	15 9	0 46	12 37	0 41	18 2	0 20	15 39	0 52	21 56	1 8	21 13	0 5	22 8	1 17	13 3	9 46	23 11	23 16	8 29	17 26	4 41
S 21	10 33	21 10	2 19	15 44	0 53	13 4	0 39	18 14	0 20	15 43	0 52	21 57	1 7	21 14	0 4	22 8	1 17	13 2	9 47	23 11	23 16	8 26	17 27	4 41
S 22	10 54	22 50	1 12	16 19	0 59	13 30	0 37	18 25	0 21	15 47	0 52	21 57	1 7	21 14	0 4	22 8	1 17	13 2	9 47	23 11	23 16	8 23	17 27	4 40
M23	11 15	23 11	0 3	16 53	1 6	13 56	0 35	18 37	0 22	15 50	0 51	21 58	1 7	21 15	0 4	22 7	1 17	13 2	9 47	23 11	23 16	8 21	17 28	4 40
T 24	11 36	22 20	1 s 5	17 26	1 12	14 22	0 33	18 48	0 22	15 54	0 51	21 58	1 7	21 16	0 4	22 7	1 17	13 2	9 47	23 11	23 15	8 18	17 29	4 40
W25	11 57	20 24	2 8	17 59	1 19	14 48	0 31	19 0	0 23	15 58	0 51	21 59	1 7	21 16	0 4	22 7	1 18	13 2	9 47	23 11	23 15	8 16	17 30	4 40
T 26	12 18	17 35	3 4	18 30	1 25	15 13	0 28	19 11	0 23	16 2	0 51	21 59	1 7	21 17	0 4	22 7	1 18	13 1	9 47	23 11	23 15	8 13	17 31	4 40
F 27	12 39	14 5	3 51	19 1	1 31	15 37	0 26	19 22	0 24	16 6	0 51	22 0	1 7	21 17	0 4	22 7	1 18	13 1	9 47	23 11	23 15	8 10	17 32	4 40
S 28	12 59	10 3	4 28	19 30	1 37	16 2	0 24	19 33	0 25	16 9	0 51	22 0	1 6	21 18	0 4	22 7	1 18	13 1	9 47	23 11	23 15	8 8	17 33	4 40
S 29	13 19	5 38	4 54	19 59	1 43	16 26	0 21	19 44	0 25	16 13	0 51	22 1	1 6	21 18	0 4	22 7	1 18	13 1	9 47	23 10	23 15	8 5	17 34	4 40
M30	13 39	0 59	5 7	20 27	1 48	16 49	0 19	19 54	0 26	16 17	0 51	22 1	1 6	21 19	0 4	22 7	1 18	13 1	9 47	23 10	23 14	8 3	17 35	4 40
T 31	13 s59	3 s45	5 s 6	20 s53	1 s54	17 s12	0n17	20 s 5	0 s26	16 s21	0n51	22 s 2	1n 6	21 s20	0n 4	22n 7	1 s18	13n 0	9 s48	23 s10	23 s14	8n 0	17 s36	4n39

Julian Day Number = 2414928.5, Delta T = -2.27 sec
Ecliptic obliquity = 23°27'08, Nutation = 0°00'17, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°20'25, Lahiri = 22°27'25

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ASTRODIENST EPHEMERIS for the year 1899
geocentric

NOVEMBER 1899 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
W 1	2 40 15	8♏21'46	9♎56	26♏31	20♏13	28♏23	18♏ 3	20♐51	6♐30	26°R45	16°R21	21°R 5	22♐23	27♌30	11♐54	W 1
T 2	2 44 12	9°21'52	22°26	27°56	21°28	29° 6	18°16	20°57	6°34	26♊44	16♊20	20♐57	22°20	27°37	12° 0	T 2
F 3	2 48 8	10°22'01	5♏11	29°20	22°43	29°49	18°29	21° 3	6°37	26°43	16°19	20°50	22°17	27°44	12° 6	F 3
S 4	2 52 5	11°22'11	18°10	0♐43	23°58	0♐32	18°42	21° 9	6°41	26°42	16°19	20°44	22°14	27°50	12°13	S 4
S 5	2 56 1	12°22'23	1♐21	2° 6	25°13	1°16	18°55	21°15	6°44	26°41	16°18	20°40	22°11	27°57	12°19	S 5
M 6	2 59 58	13°22'37	14°45	3°27	26°28	1°59	19° 9	21°21	6°48	26°40	16°17	20°D39	22° 8	28° 4	12°26	M 6
T 7	3 3 55	14°22'53	28°19	4°48	27°43	2°42	19°22	21°27	6°51	26°39	16°16	20°39	22° 4	28°11	12°32	T 7
W 8	3 7 51	15°23'10	12♑ 4	6° 7	28°58	3°26	19°35	21°33	6°54	26°38	16°15	20°40	22° 1	28°17	12°39	W 8
T 9	3 11 48	16°23'28	25°57	7°25	0♐13	4° 9	19°48	21°40	6°58	26°36	16°14	20°42	21°58	28°24	12°46	T 9
F 10	3 15 44	17°23'48	9♒58	8°42	1°28	4°53	20° 2	21°46	7° 1	26°35	16°13	20°43	21°55	28°31	12°52	F 10
S 11	3 19 41	18°24'10	24° 7	9°57	2°43	5°36	20°15	21°52	7° 5	26°34	16°12	20°R43	21°52	28°37	12°59	S 11
S 12	3 23 37	19°24'32	8♓21	11°11	3°58	6°20	20°28	21°58	7° 9	26°33	16°11	20°41	21°49	28°44	13° 6	S 12
M13	3 27 34	20°24'56	22°38	12°23	5°13	7° 4	20°41	22° 5	7°12	26°31	16°10	20°39	21°45	28°51	13°13	M13
T 14	3 31 30	21°25'22	6♈55	13°32	6°28	7°48	20°55	22°11	7°16	26°30	16° 9	20°35	21°42	28°58	13°19	T 14
W15	3 35 27	22°25'48	21° 8	14°39	7°43	8°31	21° 8	22°18	7°19	26°29	16° 8	20°30	21°39	29° 4	13°26	W15
T 16	3 39 24	23°26'17	5♉11	15°43	8°58	9°15	21°21	22°24	7°23	26°27	16° 7	20°26	21°36	29°11	13°33	T 16
F 17	3 43 20	24°26'46	19° 1	16°44	10°13	9°59	21°35	22°31	7°27	26°26	16° 6	20°23	21°33	29°18	13°40	F 17
S 18	3 47 17	25°27'18	2♊34	17°42	11°28	10°43	21°48	22°37	7°30	26°25	16° 5	20°20	21°29	29°24	13°47	S 18
S 19	3 51 13	26°27'50	15°49	18°35	12°43	11°27	22° 1	22°44	7°34	26°23	16° 3	20°D19	21°26	29°31	13°54	S 19
M20	3 55 10	27°28'25	28°43	19°24	13°58	12°11	22°14	22°50	7°37	26°22	16° 2	20°19	21°23	29°38	14° 0	M20
T 21	3 59 6	28°29'01	11♋19	20° 8	15°13	12°56	22°28	22°57	7°41	26°20	16° 1	20°21	21°20	29°45	14° 7	T 21
W22	4 3 3	29°29'39	23°38	20°46	16°28	13°40	22°41	23° 4	7°45	26°19	16° 0	20°22	21°17	29°51	14°14	W22
T 23	4 6 59	0♐30'18	5♌44	21°18	17°43	14°24	22°54	23°10	7°48	26°17	15°59	20°24	21°14	29°58	14°21	T 23
F 24	4 10 56	1°30'59	17°41	21°42	18°58	15° 9	23° 7	23°17	7°52	26°16	15°58	20°25	21°10	0♍ 5	14°28	F 24
S 25	4 14 53	2°31'41	29°33	21°58	20°13	15°53	23°21	23°24	7°56	26°14	15°57	20°R26	21° 7	0°11	14°35	S 25
S 26	4 18 49	3°32'25	11♍26	22°R 6	21°28	16°37	23°34	23°31	7°59	26°13	15°56	20°26	21° 4	0°18	14°42	S 26
M27	4 22 46	4°33'11	23°23	22° 4	22°43	17°22	23°47	23°37	8° 3	26°11	15°55	20°25	21° 1	0°25	14°49	M27
T 28	4 26 42	5°33'58	5♎31	21°51	23°58	18° 7	24° 0	23°44	8° 7	26°10	15°53	20°23	20°58	0°32	14°56	T 28
W29	4 30 39	6°34'47	17°51	21°28	25°13	18°51	24°13	23°51	8°10	26° 8	15°52	20°21	20°54	0°38	15° 3	W29
T 30	4 34 35	7♐35'37	0♏29	20♐54	26♐28	19♐36	24♏26	23♐58	8♐14	26♊ 7	15♊51	20♐19	20♐51	0♍45	15♐10	T 30

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	14s18	8s24	4s52	21s19	1s59	17s35	0n14	20s15	0s27	16s24	0n51	22s 3	1n 6	21s20	0n 4	22n 7	1s18	13n 0	9s48	23s 9	23s14	7n57	17s37	4n39
T 2	14 37	12 49	4 24	21 43	2 4	17 57	0 12	20 25	0 27	16 28	0 51	22 3	1 6	21 21	0 4	22 7	1 18	13 0	9 48	23 9	23 14	7 55	17 38	4 39
F 3	14 56	16 44	3 41	22 7	2 9	18 19	0 9	20 35	0 28	16 32	0 51	22 4	1 6	21 21	0 4	22 7	1 18	13 0	9 48	23 8	23 14	7 52	17 38	4 39
S 4	15 15	19 55	2 47	22 29	2 13	18 40	0 7	20 44	0 29	16 35	0 50	22 4	1 5	21 22	0 4	22 7	1 18	13 0	9 48	23 8	23 13	7 49	17 39	4 39
S 5	15 34	22 7	1 43	22 50	2 17	19 0	0 4	20 54	0 29	16 39	0 50	22 5	1 5	21 22	0 4	22 7	1 18	13 0	9 48	23 7	23 13	7 47	17 40	4 39
M 6	15 52	23 7	0 32	23 10	2 21	19 21	0 2	21 3	0 30	16 43	0 50	22 5	1 5	21 23	0 4	22 7	1 18	12 59	9 48	23 7	23 13	7 44	17 41	4 39
T 7	16 10	22 45	0n42	23 29	2 25	19 40	0s 0	21 12	0 30	16 46	0 50	22 6	1 5	21 24	0 4	22 7	1 18	12 59	9 48	23 7	23 13	7 42	17 42	4 39
W 8	16 27	21 1	1 54	23 46	2 28	19 59	0 3	21 21	0 31	16 50	0 50	22 6	1 5	21 24	0 4	22 7	1 18	12 59	9 48	23 7	23 13	7 39	17 43	4 39
T 9	16 45	18 0	3 1	24 3	2 31	20 18	0 5	21 30	0 31	16 54	0 50	22 7	1 5	21 25	0 4	22 7	1 18	12 59	9 48	23 8	23 12	7 36	17 44	4 39
F 10	17 2	13 57	3 57	24 17	2 33	20 36	0 8	21 39	0 32	16 57	0 50	22 7	1 5	21 25	0 4	22 7	1 18	12 59	9 48	23 8	23 12	7 34	17 45	4 39
S 11	17 19	9 5	4 40	24 31	2 35	20 53	0 10	21 47	0 32	17 1	0 50	22 8	1 5	21 26	0 4	22 7	1 18	12 59	9 48	23 8	23 12	7 31	17 45	4 39
S 12	17 35	3 43	5 5	24 43	2 37	21 10	0 13	21 55	0 33	17 4	0 50	22 8	1 4	21 27	0 4	22 6	1 18	12 59	9 49	23 7	23 12	7 29	17 46	4 39
M13	17 52	1n52	5 12	24 54	2 38	21 26	0 15	22 3	0 34	17 8	0 50	22 9	1 4	21 27	0 4	22 6	1 18	12 58	9 49	23 7	23 12	7 26	17 47	4 39
T 14	18 8	7 20	5 0	25 3	2 38	21 42	0 18	22 11	0 34	17 12	0 50	22 9	1 4	21 28	0 4	22 6	1 18	12 58	9 49	23 7	23 12	7 23	17 48	4 39
W15	18 23	12 24	4 29	25 11	2 38	21 57	0 20	22 18	0 35	17 15	0 50	22 10	1 4	21 28	0 4	22 6	1 18	12 58	9 49	23 7	23 11	7 21	17 49	4 39
T 16	18 39	16 45	3 43	25 18	2 37	22 11	0 23	22 26	0 35	17 19	0 50	22 10	1 4	21 29	0 4	22 6	1 18	12 58	9 49	23 6	23 11	7 18	17 49	4 39
F 17	18 54	20 6	2 43	25 23	2 36	22 25	0 25	22 33	0 36	17 22	0 50	22 11	1 4	21 30	0 4	22 6	1 18	12 58	9 49	23 6	23 11	7 15	17 50	4 39
S 18	19 8	22 15	1 36	25 26	2 34	22 38	0 28	22 40	0 36	17 26	0 50	22 11	1 4	21 30	0 4	22 6	1 18	12 58	9 49	23 6	23 11	7 13	17 51	4 39
S 19	19 22	23 6	0 25	25 27	2 30	22 50	0 30	22 46	0 37	17 29	0 50	22 12	1 4	21 31	0 4	22 6	1 18	12 57	9 49	23 6	23 11	7 10	17 52	4 39
M20	19 36	22 41	0s46	25 27	2 26	23 2	0 33	22 53	0 37	17 32	0 50	22 12	1 4	21 31	0 4	22 6	1 18	12 57	9 49	23 6	23 10	7 8	17 53	4 39
T 21	19 50	21 5	1 53	25 26	2 21	23 13	0 35	22 59	0 38	17 36	0 49	22 12	1 3	21 32	0 4	22 6	1 18	12 57	9 49	23 6	23 10	7 5	17 53	4 39
W22	20 3	18 32	2 53	25 22	2 15	23 23	0 37	23 5	0 38	17 39	0 49	22 13	1 3	21 33	0 4	22 6	1 18	12 57	9 49	23 6	23 10	7 2	17 54	4 39
T 23	20 16	15 13	3 45	25 17	2 7	23 33	0 40	23 11	0 39	17 43	0 49	22 13	1 3	21 33	0 4	22 6	1 18	12 57	9 49	23 6	23 10	7 0	17 55	4 39
F 24	20 29	11 19	4 26	25 10	1 58	23 42	0 42	23 16	0 39	17 46	0 49	22 14	1 3	21 34	0 4	22 6	1 18	12 57	9 49	23 6	23 9	6 57	17 56	4 39
S 25	20 41	7 1	4 55	25 1	1 48	23 50	0 45	23 22	0 40	17 49	0 49	22 14	1 3	21 34	0 4	22 6	1 18	12 57	9 49	23 6	23 9	6 54	17 56	4 39
S 26	20 52	2 28	5 12	24 50	1 37	23 57	0 47	23 27	0 40	17 53	0 49	22 15	1 3	21 35	0 4	22 6	1 18	12 57	9 49	23 6	23 9	6 52	17 57	4 39
M27	21 4	2s12	5 15	24 37	1 24	24 4	0 49	23 32	0 41	17 56	0 49	22 15	1 3	21 36	0 4	22 6	1 18	12 56	9 49	23 6	23 9	6 49	17 58	4 39
T 28	21 15	6 51	5 5	24 21	1 9	24 10	0 51	23 36	0 41	17 59	0 49	22 16	1 3	21 36	0 4	22 6	1 18	12 56	9 49	23 6	23 9	6 47	17 58	4 39
W29	21 25	11 20	4 40	24 4	0 54	24 16	0 54	23 41	0 42	18 3	0 49	22 16	1 3	21 37	0 4	22 6	1 18	12 56	9 49	23 6	23 8	6 44	17 59	4 40
T 30	21s35	15s25	4s 2	23s45	0s36	24s20	0s56	23s45	0s42	18s 6	0n49	22s16	1n 3	21s37	0n 4	22n 6	1s18	12n56	9s49	23s 6	23s 8	6n41	18s 0	4n40

Julian Day Number = 2414959.5, Delta T = -2.18 sec
Ecliptic obliquity = 23°27'07, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°20'29, Lahiri = 22°27'30

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ASTRODIENST EPHEMERIS for the year 1899
geocentric

DECEMBER 1899 — 00:00 UT

Day	Sid.t	☉	☽	☿	♀	♂	♃	♄	♅	♆	♇	☊	☊	⚸	⚷	Day
F 1	4 38 32	8♐36'28	13♏25	20°R 9	27♐43	20♐21	24♏40	24♐ 5	8♐18	26°R 5	15°R50	20°R17	20♐48	0♍52	15♐17	F 1
S 2	4 42 28	9°37'21	26°40	19♐13	28°58	21° 5	24°53	24°12	8°22	26♊ 3	15♊49	20♐16	20°45	0°58	15°25	S 2
S 3	4 46 25	10°38'15	10♐13	18° 8	0♑13	21°50	25° 6	24°19	8°25	26° 2	15°48	20°15	20°42	1° 5	15°32	S 3
M 4	4 50 22	11°39'10	24° 3	16°55	1°28	22°35	25°19	24°26	8°29	26° 0	15°47	20°D15	20°39	1°12	15°39	M 4
T 5	4 54 18	12°40'07	8♑ 6	15°36	2°43	23°20	25°32	24°33	8°33	25°59	15°45	20°15	20°35	1°19	15°46	T 5
W 6	4 58 15	13°41'04	22°18	14°14	3°58	24° 5	25°45	24°40	8°36	25°57	15°44	20°16	20°32	1°25	15°53	W 6
T 7	5 2 11	14°42'01	6♒35	12°51	5°13	24°50	25°58	24°47	8°40	25°55	15°43	20°17	20°29	1°32	16° 0	T 7
F 8	5 6 8	15°43'00	20°54	11°30	6°28	25°35	26°11	24°54	8°44	25°54	15°42	20°17	20°26	1°39	16° 7	F 8
S 9	5 10 4	16°43'59	5♓10	10°14	7°43	26°21	26°24	25° 1	8°47	25°52	15°41	20°17	20°23	1°45	16°14	S 9
S 10	5 14 1	17°44'58	19°22	9° 6	8°58	27° 6	26°36	25° 8	8°51	25°50	15°40	20°R17	20°20	1°52	16°21	S 10
M11	5 17 57	18°45'59	3♈27	8° 6	10°12	27°51	26°49	25°15	8°55	25°49	15°38	20°17	20°16	1°59	16°28	M11
T 12	5 21 54	19°46'59	17°22	7°17	11°27	28°36	27° 2	25°22	8°58	25°47	15°37	20°D17	20°13	2° 6	16°35	T 12
W13	5 25 51	20°48'00	1♉ 8	6°38	12°42	29°22	27°15	25°29	9° 2	25°45	15°36	20°17	20°10	2°12	16°42	W13
T 14	5 29 47	21°49'02	14°42	6°11	13°57	0♑ 7	27°28	25°36	9° 6	25°43	15°35	20°17	20° 7	2°19	16°49	T 14
F 15	5 33 44	22°50'04	28° 4	5°55	15°12	0°53	27°40	25°43	9° 9	25°42	15°34	20°18	20° 4	2°26	16°56	F 15
S 16	5 37 40	23°51'07	11♊13	5°D49	16°27	1°38	27°53	25°50	9°13	25°40	15°33	20°18	20° 1	2°32	17° 3	S 16
S 17	5 41 37	24°52'11	24° 8	5°54	17°42	2°24	28° 5	25°57	9°16	25°38	15°32	20°R18	19°57	2°39	17°10	S 17
M18	5 45 33	25°53'15	6♋48	6° 7	18°56	3° 9	28°18	26° 4	9°20	25°37	15°30	20°18	19°54	2°46	17°17	M18
T 19	5 49 30	26°54'19	19°16	6°30	20°11	3°55	28°30	26°11	9°23	25°35	15°29	20°17	19°51	2°53	17°24	T 19
W20	5 53 27	27°55'25	1♌31	6°59	21°26	4°40	28°43	26°18	9°27	25°33	15°28	20°16	19°48	2°59	17°31	W20
T 21	5 57 23	28°56'30	13°35	7°36	22°41	5°26	28°55	26°26	9°31	25°32	15°27	20°15	19°45	3° 6	17°38	T 21
F 22	6 1 20	29°57'37	25°32	8°18	23°56	6°12	29° 8	26°33	9°34	25°30	15°26	20°14	19°41	3°13	17°45	F 22
S 23	6 5 16	0♑58'44	7♍24	9° 7	25°10	6°58	29°20	26°40	9°38	25°28	15°25	20°12	19°38	3°19	17°52	S 23
S 24	6 9 13	1°59'52	19°16	9°59	26°25	7°44	29°32	26°47	9°41	25°26	15°24	20°11	19°35	3°26	17°59	S 24
M25	6 13 9	3° 1'00	1♎12	10°56	27°40	8°30	29°44	26°54	9°45	25°25	15°23	20°D11	19°32	3°33	18° 6	M25
T 26	6 17 6	4° 2'09	13°17	11°57	28°55	9°15	29°57	27° 1	9°48	25°23	15°21	20°11	19°29	3°40	18°13	T 26
W27	6 21 2	5° 3'18	25°35	13° 1	0♒ 9	10° 1	0♐ 9	27° 8	9°51	25°21	15°20	20°12	19°26	3°46	18°20	W27
T 28	6 24 59	6° 4'28	8♏11	14° 9	1°24	10°47	0°21	27°15	9°55	25°20	15°19	20°13	19°22	3°53	18°27	T 28
F 29	6 28 55	7° 5'39	21° 9	15°18	2°39	11°34	0°33	27°22	9°58	25°18	15°18	20°15	19°19	4° 0	18°33	F 29
S 30	6 32 52	8° 6'50	4♐30	16°30	3°53	12°20	0°45	27°29	10° 2	25°16	15°17	20°16	19°16	4° 7	18°40	S 30
S 31	6 36 49	9♑ 8'01	18♐16	17♐44	5♒ 8	13♑ 6	0♐56	27♐36	10♐ 5	25♊15	15♊16	20°R16	19♐13	4♍13	18♐47	S 31

Day	☉	☽		☿		♀		♂		♃		♄		♅		♆		♇		☊	☊	⚸	⚷		
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat	
F 1	21s45	18s54	3s10	23s23	0s18	24s24	0s58	23s49	0s43	18s 9	0n49	22s17	1n 3	21s38	0n 4	22n 5	1s18	12n56	9s49	23s 6	23s 8	6n39	18s 0	4n40	
S 2	21 54	21 29	2 7	22 59	0n 2	24 27	1 0	23 52	0 43	18 12	0 49	22 17	1 2	21 39	0 4	22 5	1 18	12 56	9 49	23 6	23 8	6 36	18 1	4 40	
S 3	22 3	22 54	0 55	22 34	0 22	24 29	1 2	23 56	0 44	18 15	0 49	22 17	1 2	21 39	0 4	22 5	1 18	12 56	9 49	23 6	23 8	6 33	18 2	4 40	
M 4	22 12	22 58	0n21	22 6	0 42	24 31	1 4	23 59	0 44	18 19	0 49	22 18	1 2	21 40	0 4	22 5	1 18	12 56	9 49	23 6	23 7	6 31	18 2	4 40	
T 5	22 20	21 35	1 37	21 38	1 2	24 32	1 6	24 2	0 45	18 22	0 49	22 18	1 2	21 40	0 4	22 5	1 18	12 56	9 49	23 6	23 7	6 28	18 3	4 40	
W 6	22 27	18 50	2 49	21 10	1 22	24 32	1 8	24 4	0 45	18 25	0 49	22 19	1 2	21 41	0 4	22 5	1 18	12 56	9 49	23 6	23 7	6 26	18 3	4 40	
T 7	22 34	14 56	3 50	20 42	1 40	24 31	1 10	24 7	0 45	18 28	0 49	22 19	1 2	21 42	0 4	22 5	1 18	12 56	9 49	23 6	23 7	6 23	18 4	4 40	
F 8	22 41	10 10	4 37	20 15	1 57	24 30	1 12	24 9	0 46	18 31	0 49	22 19	1 2	21 42	0 4	22 5	1 18	12 55	9 49	23 6	23 6	6 20	18 5	4 41	
S 9	22 47	4 52	5 6	19 50	2 12	24 27	1 14	24 10	0 46	18 34	0 49	22 20	1 2	21 43	0 4	22 5	1 18	12 55	9 49	23 6	23 6	6 18	18 5	4 41	
S 10	22 53	0n39	5 17	19 27	2 24	24 25	1 16	24 12	0 47	18 37	0 49	22 20	1 2	21 43	0 4	22 5	1 18	12 55	9 49	23 6	23 6	6 15	18 6	4 41	
M11	22 59	6 6	5 9	19 8	2 34	24 21	1 18	24 13	0 47	18 40	0 49	22 20	1 2	21 44	0 4	22 5	1 18	12 55	9 49	23 6	23 6	6 12	18 6	4 41	
T 12	23 3	11 10	4 43	18 52	2 42	24 16	1 19	24 14	0 48	18 43	0 49	22 21	1 2	21 44	0 4	22 5	1 18	12 55	9 49	23 6	23 5	6 10	18 7	4 41	
W13	23 8	15 37	4 0	18 41	2 48	24 11	1 21	24 15	0 48	18 46	0 49	22 21	1 2	21 45	0 4	22 5	1 18	12 55	9 48	23 6	23 5	6 7	18 7	4 41	
T 14	23 12	19 12	3 5	18 33	2 51	24 5	1 23	24 16	0 49	18 49	0 49	22 21	1 1	21 46	0 4	22 5	1 18	12 55	9 48	23 6	23 5	6 5	18 8	4 42	
F 15	23 15	21 42	2 0	18 28	2 53	23 59	1 24	24 16	0 49	18 51	0 49	22 22	1 1	21 46	0 4	22 5	1 18	12 55	9 48	23 6	23 5	6 2	18 8	4 42	
S 16	23 19	22 58	0 50	18 27	2 53	23 51	1 26	24 16	0 49	18 54	0 49	22 22	1 1	21 47	0 4	22 5	1 18	12 55	9 48	23 6	23 5	5 59	18 9	4 42	
S 17	23 21	22 58	0s21	18 30	2 51	23 43	1 27	24 16	0 50	18 57	0 49	22 22	1 1	21 47	0 4	22 5	1 18	12 55	9 48	23 6	23 4	5 57	18 9	4 42	
M18	23 23	21 46	1 30	18 35	2 48	23 34	1 28	24 15	0 50	19 0	0 49	22 22	1 1	21 48	0 4	22 5	1 18	12 55	9 48	23 6	23 4	5 54	18 10	4 42	
T 19	23 25	19 32	2 34	18 42	2 44	23 25	1 30	24 14	0 51	19 3	0 49	22 23	1 1	21 48	0 4	22 5	1 18	12 55	9 48	23 6	23 4	5 51	18 10	4 43	
W20	23 26	16 26	3 29	18 52	2 39	23 14	1 31	24 13	0 51	19 5	0 49	22 23	1 1	21 49	0 4	22 4	1 18	12 55	9 48	23 6	23 4	5 49	18 10	4 43	
T 21	23 27	12 41	4 14	19 4	2 34	23 3	1 32	24 12	0 51	19 8	0 49	22 23	1 1	21 49	0 4	22 4	1 18	12 55	9 48	23 6	23 3	5 46	18 11	4 43	
F 22	23 27	8 30	4 48	19 17	2 27	22 52	1 33	24 10	0 52	19 11	0 49	22 23	1 1	21 50	0 4	22 4	1 18	12 55	9 48	23 5	23 3	5 44	18 11	4 43	
S 23	23 27	4 1	5 9	19 31	2 20	22 39	1 34	24 8	0 52	19 13	0 49	22 24	1 1	21 51	0 4	22 4	1 18	12 55	9 48	23 5	23 3	5 41	18 12	4 44	
S 24	23 26	0s36	5 16	19 46	2 13	22 26	1 35	24 6	0 53	19 16	0 49	22 24	1 1	21 51	0 4	22 4	1 18	12 55	9 48	23 5	23 3	5 38	18 12	4 44	
M25	23 25	5 14	5 11	20 1	2 6	22 13	1 36	24 4	0 53	19 19	0 49	22 24	1 1	21 52	0 4	22 4	1 18	12 55	9 47	23 5	23 2	5 36	18 12	4 44	
T 26	23 23	9 43	4 51	20 17	1 58	21 58	1 37	24 1	0 53	19 21	0 49	22 24	1 1	21 52	0 4	22 4	1 18	12 55	9 47	23 5	23 2	5 33	18 13	4 44	
W27	23 21	13 54	4 18	20 34	1 50	21 43	1 38	23 58	0 54	19 24	0 49	22 25	1 1	21 53	0 4	22 4	1 18	12 55	9 47	23 5	23 2	5 30	18 13	4 45	
T 28	23 19	17 35	3 32	20 50	1 41	21 28	1 39	23 55	0 54	19 26	0 49	22 25	1 1	21 53	0 4	22 4	1 18	12 55	9 47	23 5	23 2	5 28	18 13	4 45	
F 29	23 16	20 32	2 34	21 6	1 33	21 12	1 39	23 51	0 54	19 29	0 49	22 25	1 1	21 54	0 4	22 4	1 18	12 55	9 47	23 6	23 1	5 25	18 13	4 45	
S 30	23 12	22 28	1 26	21 22	1 25	20 55	1 40	23 47	0 55	19 31	0 49	22 25	1 1	21 54	0 4	22 4	1 18	12 55	9 47	23 6	23 1	5 23	18 14	4 45	
S 31	23s 8	23s 7	0s11	21s37	1n16	20s37	1s41	23s43	0s55	19s34	0n49	22s25	1n 1	21s55	0n 4	22n 4	1s18	12n55	9s47	23s 6	23s 1	5n20	18s14	4n46	

Julian Day Number = 2414989.5, Delta T = -2.09 sec
Ecliptic obliquity = 23°27'06, Nutation = 0°00'16, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 23°20'33, Lahiri = 22°27'34

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