

Astrodienst Ephemeris Tables for the year 1899

tropical geocentric zodiac

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

Programming
Dieter Koch and Alois Treindl
based on Swiss Ephemeris
Code D5EPX

JANUARY 1899 00:00 UT

UNITU	AVI TO	799													00.0	0 01
Day	Sid.t	0	D	ğ	·	ď	4	ħ)∤(并	В	ស	v	Ç	Ŗ	Day
S 1	6 41 42	10る24'05	23 N 46	21°D38	3 ∡ 747	5°R20	5 M .59	17 .7 41	5 ₹ 56	22°R55	14°R15	8°R36	8 궁 29	239540	7 √ 49	S 1
M 2	6 45 39	11°25'13	5 M 44	21 × 140	4° 9	5 Ω 1	6° 8	17°47	5°59	22 II 53	14 I I14	8 궁 35	8°26	23°47	7°56	M 2
T 3	6 49 36	12°26'22	17°51	21°50	4°34	4°43	6°16	17°54	6° 2	22°52	14°13	8°35	8°23	23°53	8° 2	T 3
W 4	6 53 32	13°27'31	0 ჲ 11	22° 8	5° 0	4°23	6°25	18° 1	6° 6	22°50	14°12	8°35	8°20	24° 0	8° 9	W 4
T 5	6 57 29	14°28'41	12°49	22°34	5°28	4° 3	6°33	18° 7	6° 9	22°49	14°11	8°D34	8°17	24° 7	8°15	T 5
F 6	7 1 25	15°29'50	25°49	23° 6	5°57	3°43	6°41	18°14	6°12	22°47	14°10	8°35	8°13	24°13	8°22	F 6
S 7	7 5 22	16°31'00	9 M .13	23°43	6°28	3°22	6°49	18°20	6°15	22°46	14° 9	8°35	8°10	24°20	8°29	S 7
S 8	7 9 18	17°32'10	23° 4	24°27	7° 1	3° 0	6°57	18°27	6°18	22°44	14° 8	8°36	8° 7	24°27	8°35	S 8
M 9	7 13 15	18°33'20	7 ₹ 22	25°15	7°35	2°38	7° 5	18°33	6°21	22°43	14° 7	8°37	8° 4	24°33	8°41	M 9
T 10	7 17 12	19°34'30	2 <u>2</u> ° 4	26° 7	8°11	2°16	7°13	18°40	6°24	22°41	14° 6	8°37	8° 1	24°40	8°48	T 10
W11	7 21 8	20°35'40	7중 6	27° 3	8°48	1°53	7°20	18°46	6°27	22°40	14° 5	8°R38	7°58	24°47	8°54	W11
T 12	7 25 5	21°36'49	22°19	28° 2	9°26	1°30	7°27	18°53	6°30	22°38	14° 4	8°37	7°54	24°53	9° 0	T 12
F 13	7 29 1	22°37'58	7 ≈ 33	2 <u>9°</u> 4	10° 5	1° 7	7°35	18°59	6°32	22°37	14° 3	8°36	7°51	25° 0	9° 6	F 13
S 14	7 32 58	23°39'07	22°39	0중 9	10°46	0°43	7°42	19° 5	6°35	22°35	14° 2	8°35	7°48	25° 7	9°13	S 14
S 15	7 36 54	24°40'14	7 ∺ 27	1°17	11°28	0°19	7°49	19°12	6°38	22°34	14° 1	8°33	7°45	25°13	9°19	S 15
M16	7 40 51	25°41'21	21°52	2°26	12°10	29955	7°55	19°18	6°41	22°33	14° 1	8°30	7°42	25°20	9°25	M16
T 17	7 44 47	26°42'28	5 Υ 50	3°38	12°54	29°31	8° 2	19°24	6°44	22°31	14° 0	8°29	7°39	25°27	9°31	T 17
W18	7 48 44	27°43'33	19°21	4°52	13°39	29° 7	8° 9	19°30	6°46	22°30	13°59	8°28	7°35	25°33	9°36	W18
T 19	7 52 41	28°44'38	2 8 25	6° 7	14°25	28°43	8°15	19°36	6°49	22°29	13°58	8°D27	7°32	25°40	9°42	T 19
F 20	7 56 37	29°45'41	15° 7	7°23	15°12	28°19	8°21	19°42	6°51	22°27	13°57	8°28	7°29	25°47	9°48	F 20
S 21	8 0 34	0≈46'44	27°29	8°41	16° 0	27°55	8°27	19°48	6°54	22°26	13°57	8°30	7°26	25°53	9°54	S 21
S 22	8 4 30	1°47'46	9 Ⅱ 38	10° 1	16°48	27°31	8°33	19°54	6°57	22°25	13°56	8°31	7°23	26° 0	9°59	S 22
M23	8 8 27	2°48'46	21°36	11°21	17°37	27° 8	8°39	20° 0	6°59	22°23	13°55	8°33	7°19	26° 6	10° 5	M23
T 24	8 12 23	3°49'46	3927	12°43	18°28	26°44	8°44	20° 5	7° 1	22°22	13°55	8°R34	7°16	26°13	10°10	T 24
W25	8 16 20	4°50'45	15°16	14° 6	19°19	26°21	8°50	20°11	7° 4	22°21	13°54	8°34	7°13	26°20	10°16	W25
T 26	8 20 16	5°51'43	27° 3	15°30	20°10	25°59	8°55	20°17	7° 6	22°20	13°53	8°32	7°10	26°26	10°21	T 26
F 27	8 24 13	6°52'40	8 N 53	16°54	21° 3	25°36	9° 0	20°22	7° 9	22°19	13°53	8°29	7° 7	26°33	10°26	F 27
S 28	8 28 10	7°53'36	20°46	18°20	21°56	25°14	9° 5	20°28	7°11	22°18	13°52	8°25	7° 4	26°40	10°32	S 28
S 29	8 32 6	8°54'31	2 m 44	19°47	22°50	24°53	9°10	20°34	7°13	22°17	13°51	8°20	7° 0	26°46	10°37	S 29
M30	8 36 3	9°55'25	14°50	2 <u>1°</u> 14	23°44	24°32	9°15	20°39	7°15	22°16	13°51	8°14	<u>6</u> °57	26°53	10°42	M30
T 31	8 39 59	10≈56'18	27 Mp 5	22 る 42	24 × ⁷ 39	249511	9 ™ 19	20 ∡ 144	7 √ 17	22 II 15	13 II 50	8 동	6 ප 54	2799 0	10 ∡ 147	T 31

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	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl dec	decl	decl lat
S 1 M 2 T 3 W 4 T 5 F 6 S 7	23 s 3 22 58 22 52 22 46 22 40 22 33 22 26	5 16 4 27 0 14 4 57 4s53 5 15 9 56 5 17 14 41 5 4	20 22 2 5 20 30 2 4	56 16 36 4 28 50 16 37 4 31 43 16 39 4 34 36 16 42 4 36 27 16 45 4 38	22 51 3 57 22 58 3 59 23 5 4 1 23 11 4 3 23 18 4 5	12 28 1 11 12 30 1 11 12 33 1 11 12 35 1 11 12 38 1 11	21 31 1 23 21 31 1 23 21 32 1 23 21 33 1 23 21 33 1 23	21 12 0 7 21 13 0 7 21 13 0 7 21 14 0 7 21 14 0 7	21n55 1s21 21 55 1 21 21 55 1 21	12 34 10 1 12 34 10 1 12 34 10 1 12 34 10 1 12 34 10 1	23 10 23 1 23 10 23 1 23 11 23 1 23 11 23 1	1 20 1 1 19 59 1 19 57 2 19 55 2 19 53	17 55 3 46 17 56 3 47 17 56 3 47 17 57 3 48 17 57 3 48
S 8 M 9 T 10 W11 T 12 F 13 S 14	22 10	24 16 2 45 24 43 1 31 23 24 0 9 20 22 1n15 15 55 2 34	21 53 1 3 22 3 1 2	1 16 57 4 42	23 39 4 10 23 45 4 12 23 52 4 14 23 59 4 15 24 5 4 16	12 45 1 12 12 48 1 12 12 50 1 12 12 52 1 12 12 54 1 12	21 35 1 23 21 35 1 23 21 36 1 23 21 36 1 23 21 37 1 23	21 16 0 7 21 16 0 7 21 17 0 7 21 17 0 7 21 18 0 7	21 55 1 21 21 55 1 21 21 54 1 21	12 34 10 0 12 34 10 0 12 34 10 0 12 34 10 0 12 35 9 59	23 10 23 1 23 10 23 1	2 19 47 3 19 45 3 19 43 3 19 41 3 19 39	17 59 3 49 18 0 3 50 18 0 3 50 18 1 3 51 18 1 3 51
S 15 M16 T 17 W18 T 19 F 20 S 21		1n25 5 3 7 9 5 16 12 22 5 11 16 50 4 49 20 25 4 14	22 30 0 5 22 37 0 4 22 44 0 3 22 50 0 2 22 55 0 3	47 17 43 4 41 38 17 49 4 40 29 17 56 4 38	24 24 4 20 24 30 4 20 24 36 4 21 24 42 4 22 24 47 4 22	13 1 1 13 13 2 1 13 13 4 1 13 13 6 1 13 13 8 1 14	21 38 1 23 21 39 1 23 21 39 1 23 21 40 1 23 21 40 1 23	21 19 0 7 21 20 0 7 21 20 0 7 21 21 0 7 21 21 0 7	21 54 1 21 21 54 1 20 21 54 1 20	12 35 9 59 12 35 9 59 12 35 9 58 12 35 9 58 12 35 9 58	23 11 23 1 23 11 23 1	4 19 33 4 19 31 4 19 29 4 19 27 4 19 25	18 3 3 53 18 3 3 53 18 3 3 53 18 4 3 54 18 4 3 54
S 22 M23 T 24 W25 T 26 F 27 S 28	19 32 19 18 19 4 18 49 18 34 18 18	21 58 0s37 19 7 1 40 15 30 2 39 11 15 3 31	23 3 0s 23 3 0 2 23 3 0 2 23 1 0 2 22 58 0 3 22 54 0 4	s 5 18 23 4 31 13 18 30 4 28 21 18 36 4 26 28 18 43 4 23 36 18 49 4 20 43 18 55 4 18	25 3 4 23 25 8 4 23 25 12 4 23 25 16 4 23 25 20 4 23 25 24 4 23	13 13 1 14 13 15 1 14 13 16 1 15 13 18 1 15 13 19 1 15 13 21 1 15	21 41 1 23 21 42 1 23 21 42 1 23 21 43 1 23 21 43 1 23 21 43 1 24	21 22 0 7 21 23 0 7 21 23 0 7 21 24 0 7 21 24 0 7 21 24 0 7	21 54 1 20 21 54 1 20	12 36 9 57 12 36 9 56	23 11 23 1 23 11 23 1	5 19 18 5 19 16 5 19 14 6 19 12 6 19 10 6 19 8	18 5 3 56 18 5 3 56 18 5 3 57 18 6 3 57 18 6 3 58 18 6 3 59
S 29 M30 T 31	18 2 17 46 17 s30	1 34 4 47	22 42 0 5	50 19 1 4 14 56 19 7 4 11 s 3 19s13 4n 8	25 31 4 22	13 23 1 16	21 44 1 24	21 25 0 7	21 54 1 20 21 54 1 20 21n54 1 s20	12 37 9 56	23 11 23 1 23 12 23 1 23 s12 23 s1	6 19 4	18 6 3 59 18 7 4 0 18s 7 4n 0

Julian Day Number = 2414655.5, Delta T = -3.03 sec Ecliptic obliquity = $23^{\circ}27'10$, Nutation = $0^{\circ}00'18$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $23^{\circ}19'47$, Lahiri = $22^{\circ}26'48$

FEBRUARY 1899 00:00 UT

Day	Sid.t	0	D	ğ	Ş	♂ [™]	4	ħ)f(并	В	V	Ω	Ç	Ŗ	Day
W 1	8 43 56	11≈57'10	9 ≏ 31	24중11	25 х 35	23°R52	9 m 23	20 × 350	7 .₹ 19	22°R14	13°R50	8°R 3	6 ප 51	2795 6	10 х 52	W 1
T 2	8 47 52	12°58'02	22°11	25°41	26°31	23932	9°27	20°55	7°21	22 I I3	13 Ⅱ 49	8 궁 0	6°48	27°13	10°57	T 2
F 3	8 51 49	13°58'53	5 M 8	27°12	27°28	23°13	9°31	21° 0	7°23	22°12	13°49	7°58	6°45	27°20	11° 1	F 3
S 4	8 55 45	14°59'42	18°24	28°43	28°25	22°55	9°35	21° 5	7°25	22°11	13°48	7°D57	6°41	27°26	11° 6	S 4
S 5	8 59 42	16° 0'32	2 ₹ 2	0≈16	29°23	22°38	9°39	21°10	7°27	22°10	13°48	7°58	6°38	27°33	11°11	S 5
M 6	9 3 39	17° 1'20	16° 4	1°49	0 ට 21	22°21	9°42	21°15	7°29	22° 9	13°47	8° 0	6°35	27°40	11°15	M 6
T 7	9 735	18° 2'07	0 궁 29	3°22	1°20	22° 5	9°45	21°20	7°31	22° 8	13°47	8°R 1	6°32	27°46	11°19	T 7
W 8	9 11 32	19° 2'53	15°15	4°57	2°19	21°49	9°49	21°25	7°33	22° 8	13°46	8° 1	6°29	27°53	11°24	W 8
T 9	9 15 28	20° 3'38	0≈17	6°32	3°18	21°35	9°51	21°30	7°34	22° 7	13°46	7°59	6°25	28° 0	11°28	T 9
F 10	9 19 25	21° 4'22	15°27	8° 9	4°18	21°21	9°54	21°35	7°36	22° 6	13°46	7°55	6°22	28° 6	11°32	F 10
S 11	9 23 21	22° 5'04	0 ∺ 35	9°46	5°19	21° 8	9°57	21°39	7°38	22° 5	13°45	7°49	6°19	28°13	11°36	S 11
S 12	9 27 18	23° 5'45	15°32	11°23	6°20	20°55	9°59	21°44	7°39	22° 5	13°45	7°42	6°16	28°20	11°40	S 12
M13	9 31 14	24° 6'25	oΥ 8	13° 2	7°21	20°44	10° 1	21°48	7°41	22° 4	13°45	7°34	6°13	28°26	11°44	M13
T 14	9 35 11	25° 7'02	14°17	14°42	8°22	20°33	10° 3	21°53	7°42	22° 4	13°44	7°28	6°10	28°33	11°48	T 14
W15	9 39 8	26° 7'38	27°57	16°22	9°24	20°23	10° 5	21°57	7°44	22° 3	13°44	7°22	6° 6	28°40	11°52	W15
T 16	9 43 4	27° 8'13	11 8 9	18° 3	10°26	20°14	10° 6	22° 1	7°45	22° 2	13°44	7°19	6° 3	28°46	11°55	T 16
F 17	9 47 1	28° 8'45	23°54	19°45	11°29	20° 5	10° 8	22° 5	7°46	22° 2	13°44	7°D17	6° 0	28°53	11°59	F 17
S 18	9 50 57	29° 9'16	6 Ⅱ 18	21°29	12°31	19°58	10° 9	22°10	7°48	22° 1	13°43	7°17	5°57	28°59	12° 2	S 18
S 19	9 54 54	0₩ 9'45	18°24	23°13	13°34	19°51	10°10	22°14	7°49	22° 1	13°43	7°18	5°54	29° 6	12° 6	S 19
M20	9 58 50	1°10'12	O © 19	24°58	14°38	19°45	10°11	22°18	7°50	22° 1	13°43	7°19	5°51	29°13	12° 9	M20
T 21	10 2 47	2°10'37	12° 7	26°43	15°41	19°40	10°12	22°21	7°51	22° 0	13°43	7°R20	5°47	29°19	12°12	T 21
W22	10 6 43	3°11'01	23°54	28°30	16°45	19°35	10°12	22°25	7°52	22° 0	13°43	7°18	5°44	29°26	12°15	W22
T 23	10 10 40	4°11'22	5 Ω 42	0 ∺ 18	17°49	19°32	10°12	22°29	7°53	22° 0	13°43	7°14	5°41	29°33	12°18	T 23
F 24	10 14 37	5°11'42	17°35	2° 7	18°54	19°29	10°R12	22°32	7°54	21°59	13°43	7° 7	5°38	29°39	12°21	F 24
S 25	10 18 33	6°12'00	29°36	3°57	19°58	19°27	10°12	22°36	7°55	21°59	13°43	6°58	5°35	29°46	12°24	S 25
S 26	10 22 30	7°12'16	11 M)45	5°47	21° 3	19°26	10°12	22°39	7°56	21°59	13°D43	6°47	5°31	29°53	12°27	S 26
M27	10 26 26	8°12'30	24° 4	7°39	22° 8	19°D25	10°12	22°43	7°57	21°59	13°43	6°36	5°28	29°59	12°29	M27
T 28	10 30 23	9) 12'43	6 ॒ 33	9) (31	23 궁 14	199525	10 M _11	22 × 746	7 .₹ 57	21 II 59	13 Ⅱ 43	6 පි 24	5 る 25	ON 6	12 × 32	T 28

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W 1	17 s13			9 19s18 4n 5 2					7 21n54 1 s20		23 s12				4n 1
T 2	16 56		22 14 1 1						21 54 1 20		23 13				4 1
F 3	16 38	17 36 4 38	22 3 1 2	20 19 28 3 57 2	25 42 4 19	13 28 1 16	21 45 1 24	21 26 0 7	21 54 1 20	12 37 9 55	23 13	23 17	18 56	18 7	4 2
S 4	16 21	21 7 3 58	21 49 1 2	25 19 33 3 54 2	25 45 4 18	13 29 1 17	21 46 1 24	21 27 0 7	21 54 1 20	12 37 9 55	23 13	23 17	18 54	18 7	4 2
S 5	-		21 35 1 3				-				23 13				4 3
M 6	15 45	24 39 1 57	21 19 1 3			13 31 1 17	21 46 1 24	21 27 0 7	21 54 1 20		23 13				4 3
T 7	15 26	24 8 0 41	21 2 1 4	10 19 45 3 42 2	25 50 4 15	13 32 1 17	21 46 1 24	21 28 0 7	21 54 1 20	12 38 9 54	23 13	23 17	18 47	18 7	4 4
W 8	15 7	21 56 0n39	20 43 1 4	14 19 48 3 38 2	25 51 4 14	13 32 1 17	21 47 1 24	21 28 0 7	21 54 1 20	12 38 9 54	23 13	23 18	18 45	18 7	4 5
T 9	14 48	18 11 1 58	20 23 1 4	18 19 51 3 34 2	25 52 4 12	13 33 1 18	21 47 1 24	21 28 0 7	21 54 1 19	12 38 9 54	23 13	23 18	18 43	18 7	4 5
F 10	14 29	13 12 3 9	20 2 1 5	51 19 54 3 29 2	25 53 4 11	13 34 1 18	21 47 1 24	21 28 0 7	21 54 1 19	12 39 9 53	23 13	23 18	18 41	18 7	4 6
S 11	14 9	7 26 4 6	19 39 1 5	54 19 56 3 25 2	25 54 4 10	13 34 1 18	21 47 1 24	21 29 0 7	21 54 1 19	12 39 9 53	23 13	23 18	18 39	18 7	4 6
S 12	13 50	1 19 4 46	19 15 1 5	57 19 58 3 21 2	25 54 4 8	13 35 1 18	21 48 1 24	21 29 0 7	21 54 1 19	12 39 9 53	23 14	23 18	18 37	18 7	4 7
M13	13 30	4n44 5 6	18 49 2	0 19 59 3 16 2	25 55 4 7	13 35 1 18	21 48 1 24	21 29 0 7	21 54 1 19	12 39 9 53	23 14	23 18	18 34	18 7	4 7
T 14	13 9	10 20 5 6	18 23 2	2 20 0 3 12 2	25 55 4 5	13 36 1 19	21 48 1 24	21 30 0 7	21 54 1 19	12 39 9 52	23 15	23 19	18 32	18 7	4 8
W15	12 49	15 15 4 49	17 54 2	4 20 0 3 7 2	25 55 4 3	13 36 1 19	21 48 1 24	21 30 0 7	21 54 1 19	12 40 9 52	23 15	23 19	18 30	18 7	4 9
T 16	12 28	19 15 4 17	17 24 2	5 20 0 3 3 2	25 55 4 2	13 36 1 19	21 48 1 24	21 30 0 7	21 54 1 19	12 40 9 52	23 15	23 19	18 28	18 7	4 9
F 17	12 7	22 11 3 32	16 53 2	6 20 0 2 58 2	25 54 4 0	13 37 1 19	21 49 1 25	21 30 0 7	21 54 1 19	12 40 9 52	23 15	23 19	18 26	18 7	4 10
S 18	11 46	23 59 2 39	16 21 2	6 19 59 2 53 2	25 54 3 58	13 37 1 19	21 49 1 25	21 30 0 7	21 54 1 19	12 40 9 51	23 15	23 19	18 24	18 6	4 11
S 19	11 25	24 37 1 40	15 47 2	7 19 58 2 49 2	25 53 3 57	13 37 1 20	21 49 1 25	21 31 0 7	21 54 1 19	12 40 9 51	23 15	23 19	18 22	18 6	4 11
M20	11 4	24 5 0 38	15 11 2	6 19 56 2 44 2	25 52 3 55	13 37 1 20	21 49 1 25	21 31 0 7	21 54 1 19	12 41 9 51	23 15	23 19	18 19	18 6	4 12
T 21	10 42	22 28 0 s26	14 35 2	6 19 54 2 39 2	25 51 3 53	13 37 1 20	21 49 1 25	21 31 0 7	21 54 1 19	12 41 9 51	23 15	23 20	18 17	18 6	4 12
W22	10 21	19 54 1 28	13 57 2	4 19 51 2 34 2	25 50 3 51	13 37 1 20	21 49 1 25	21 31 0 7	21 54 1 19	12 41 9 50	23 15	23 20	18 15	18 6	4 13
T 23	9 59	16 30 2 26	13 17 2	3 19 48 2 30 2	25 49 3 49	13 37 1 20	21 50 1 25	21 31 0 7	21 54 1 19	12 41 9 50	23 15	23 20	18 13	18 5	4 14
F 24	9 37	12 25 3 18	12 36 2	1 19 44 2 25 2	25 47 3 48	13 37 1 21	21 50 1 25	21 31 0 7	21 54 1 19	12 42 9 50	23 16	23 20	18 11	18 5	4 14
S 25	9 15	7 50 4 2	11 54 1 5	58 19 40 2 20 2	25 46 3 46	13 37 1 21	21 50 1 25	21 32 0 7	21 54 1 19	12 42 9 50	23 16	23 20	18 9	18 5	4 15
S 26	8 52	2 55 4 35	11 10 1 5	55 19 35 2 15 2	25 44 3 44	13 36 1 21	21 50 1 25	21 32 0 7	21 54 1 19	12 42 9 49	23 17	23 20	18 6	18 5	4 15
M27	8 30	2s10 4 56	10 25 1 5	51 19 29 2 10 2	25 42 3 42	13 36 1 21	21 50 1 25	21 32 0 7	21 54 1 19	12 42 9 49	23 17	23 20	18 4	18 4	4 16
T 28	8s 7	7s15 5s 3	9s39 1s4	17 19 s 24 2n 5 2	25n41 3n40	13 s36 1n21	21 s50 1n25	21 s32 On 7	21n54 1s19	12n43 9s49	23 s18	23s21	18n 2	18s 4	4n17

Julian Day Number = 2414686.5, Delta T = -2.95 sec Ecliptic obliquity = $23^{\circ}27'10$, Nutation = $0^{\circ}00'18$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $23^{\circ}19'51$, Lahiri = $22^{\circ}26'52$

MARCH 1899 00:00 UT

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Day	Sid.t	0	D	ğ	φ	ď	4	ħ)ұ(卉	Р	V	ß	Ç	ķ	Day
W 1	10 34 19	10) 12'54	19 ≏ 14	11 米 25	24 궁 19	199526	10°R10	22 √ 49	7 . ₹58	21°R59	13 Ⅱ 43	6°R13	5 る 22	0Ω13	12 × 34	W 1
T 2	10 38 16	11°13'03	2M 6	13°19	25°25	19°28	10M 9	22°52	7°59	21 Ⅱ 59	13°43	6ට 5	5°19	0°19	12°37	T 2
F 3	10 42 12	12°13'11	15°10	15°14	26°31	19°30	10° 8	22°55	7°59	21°D58	13°43	5°59	5°16	0°26	12°39	F 3
S 4	10 46 9	13°13'17	28°29	17°10	27°37	19°33	10° 7	22°58	8° 0	21°59	13°43	5°56	5°12	0°33	12°41	S 4
S 5	10 50 5	14°13'22	12 × 3	19° 6	28°44	19°37	10° 5	23° 1	8° 0	21°59	13°43	5°D55	5° 9	0°39	12°43	S 5
M 6	10 54 2	15°13'25	25°53	21° 2	29°50	19°41	10° 3	23° 4	8° 1	21°59	13°43	5°55	5° 6	0°46	12°45	M 6
T 7	10 57 59	16°13'27	10중 2	22°59	0≈57	19°46	10° 1	23° 6	8° 1	21°59	13°43	5°R56	5° 3	0°53	12°47	T 7
W 8	11 1 55	17°13'27	24°28	24°56	2° 4	19°52	9°59	23° 9	8° 1	21°59	13°44	5°54	5° 0	0°59	12°49	W 8
T 9	11 5 52	18°13'25	9≈ 8	26°53	3°11	19°59	9°57	23°11	8° 2	21°59	13°44	5°51	4°57	1° 6	12°50	T 9
F 10	11 9 48	19°13'22	23°57	28°49	4°18	20° 6	9°54	23°14	8° 2	21°59	13°44	5°44	4°53	1°13	12°52	F 10
S 11	11 13 45	20°13'17	8) (49	0Υ 45	5°26	20°13	9°51	23°16	8° 2	22° 0	13°44	5°35	4°50	1°19	12°53	S 11
S 12	11 17 41	21°13'10	23°34	2°40	6°33	20°22	9°49	23°18	8° 2	22° 0	13°45	5°24	4°47	1°26	12°54	S 12
M13	11 21 38	22°13'01	8 ℃ 5	4°33	7°41	20°30	9°46	23°20	8°R 2	22° 0	13°45	5°13	4°44	1°33	12°56	M13
T 14	11 25 34	23°12'50	22°14	6°24	8°48	20°40	9°42	23°22	8° 2	22° 0	13°45	5° 2	4°41	1°39	12°57	T 14
W15	11 29 31	24°12'36	5 8 57	8°14	9°56	20°50	9°39	23°24	8° 2	22° 1	13°46	4°52	4°37	1°46	12°58	W15
T 16	11 33 28	25°12'21	19°12	10° 0	11° 4	21° 1	9°35	23°26	8° 2	22° 1	13°46	4°45	4°34	1°53	12°59	T 16
F 17	11 37 24	26°12'04	2 II 2	11°44	12°13	21°12	9°32	23°28	8° 2	22° 2	13°46	4°41	4°31	1°59	12°59	F 17
S 18	11 41 21	27°11'44	14°29	13°24	13°21	21°24	9°28	23°29	8° 1	22° 2	13°47	4°39	4°28	2° 6	13° 0	S 18
S 19	11 45 17	28°11'22	26°38	14°59	14°29	21°36	9°24	23°31	8° 1	22° 3	13°47	4°38	4°25	2°13	13° 1	S 19
M20	11 49 14	29°10'57	8934	16°31	15°38	21°49	9°19	23°32	8° 1	22° 3	13°48	4°38	4°22	2°19	13° 1	M20
T 21	11 53 10	0 Υ 10'31	20°23	17°57	16°46	22° 2	9°15	23°33	8° 0	22° 4	13°48	4°38	4°18	2°26	13° 2	T 21
W22	11 57 7	1°10'02	2 Ω 11	19°18	17°55	22°16	9°10	23°34	8° 0	22° 5	13°49	4°35	4°15	2°33	13° 2	W22
T 23	12 1 3	2° 9'31	14° 1	20°33	19° 4	22°30	9° 6	23°36	7°59	22° 5	13°49	4°30	4°12	2°39	13° 2	T 23
F 24	12 5 0	3° 8'57	25°59	21°42	20°13	22°45	9° 1	23°37	7°59	22° 6	13°50	4°23	4° 9	2°46	13°R 2	F 24
S 25	12 8 57	4° 8'21	8 m) 7	22°45	21°22	23° 0	8°56	23°37	7°58	22° 7	13°50	4°12	4° 6	2°53	13° 2	S 25
S 26	12 12 53	5° 7'44	20°28	23°40	22°31	23°16	8°51	23°38	7°58	22° 7	13°51	4° 0	4° 2	2°59	13° 2	S 26
M27	12 16 50	6° 7'04	3 º 2	24°29	23°40	23°32	8°45	23°39	7°57	22° 8	13°52	3°46	3°59	3° 6	13° 2	M27
T 28	12 20 46	7° 6'21	15°50	25°11	24°50	23°48	8°40	23°39	7°56	22° 9	13°52	3°33	3°56	3°13	13° 2	T 28
W29	12 24 43	8° 5'37	28°50	25°46	25°59	24° 5	8°34	23°40	7°55	22°10	13°53	3°20	3°53	3°19	13° 1	W29
T 30	12 28 39	9° 4'51	12 M 3	26°13	27° 9	24°23	8°28	23°40	7°54	22°11	13°53	<u>3°10</u>	<u>3°50</u>	3°26	13° 1	T 30
F 31	12 32 36	10 ° 4'04	25 M 26	26 Y 33	28≈18	249540	8M23	23 × 741	7 .₹ 54	22 I I12	13 Ⅱ 54	3 る 3	3 ⋜ 47	3 Ω 33	13 × 7 0	F 31

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	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl decl	decl	decl lat
W 1 T 2 F 3	7 s45 7 22 6 59	12s 5 4s56 16 28 4 33 20 9 3 56	8 3 1 3 7 13 1 3	37 19 11 1 55 31 19 3 1 51	25 36 3 36 25 34 3 34	13 35 1 22 13 34 1 22	21 50 1 25 21 50 1 26	21 32 0 7 21 32 0 7	21n54 1s18 21 54 1 18 21 54 1 18	12 43 9 48 12 43 9 48	23 s18 23 s2 23 19 23 2 23 19 23 2	17 58 17 56	18 3 4 19
S 4 S 5 M 6 T 7 W 8	6 36 6 13 5 50 5 26 5 3	24 17 2 3 24 16 0 53	5 30 1 1 4 37 1 3 43 1	17 18 47 1 41 9 18 38 1 36 1 18 29 1 31	25 29 3 31 25 27 3 29	13 32 1 22 13 31 1 23	21 51 1 26 21 51 1 26 21 51 1 26	21 32 0 7 21 33 0 7 21 33 0 7	21 54 1 18 21 54 1 18 21 55 1 18 21 55 1 18 21 55 1 18	12 44 9 48 12 44 9 47 12 45 9 47	23 19 23 2 23 19 23 2 23 19 23 2 23 19 23 2 23 19 23 2	17 51 17 49 17 47	18 2 4 20 18 2 4 21 18 1 4 21
T 9 F 10 S 11	4 40 4 16 3 53 3 29	15 18 2 46		43 18 8 1 21 33 17 57 1 17 22 17 46 1 12	25 19 3 23 25 16 3 21 25 13 3 19	13 30 1 23 13 29 1 23	21 51 1 26 21 51 1 26 21 51 1 26	21 33 0 7 21 33 0 7 21 33 0 7	21 55 1 18 21 55 1 18 21 55 1 18 21 55 1 18 21 55 1 18	12 45 9 47 12 45 9 46 12 46 9 46	23 19 23 22 23 19 23 22 23 20 23 22 23 20 23 22 23 21 23 22	2 17 42 2 17 40 2 17 38	18 1 4 23 18 0 4 23 18 0 4 24
M13 T 14 W15 T 16 F 17 S 18	3 5 2 42 2 18 1 54 1 31	7 49 5 1 13 7 4 48 17 34 4 19	1 48 0 2 43 0n1 3 38 0 2 4 31 0 3 5 23 0 4	0 17 21 1 2 112 17 8 0 58 24 16 55 0 53 36 16 41 0 48 49 16 27 0 44	25 7 3 16 25 3 3 14 25 0 3 12 24 56 3 10 24 53 3 8	13 25 1 24 13 24 1 24 13 23 1 24 13 22 1 24 13 20 1 24	21 51 1 26 21 51 1 26 21 51 1 26 21 51 1 27 21 51 1 27	21 33 0 7 21 33 0 7 21 33 0 7 21 33 0 7 21 33 0 7	21 55 1 18 21 55 1 18 21 55 1 18 21 55 1 18 21 55 1 18	12 46 9 46 12 47 9 45 12 47 9 45 12 47 9 45 12 47 9 45	23 21 23 22 23 21 23 22 23 22 23 22	2 17 33 2 17 31 2 17 29 2 17 27 3 17 25	17 59 4 25 17 58 4 26 17 58 4 27 17 57 4 27 17 56 4 28
S 19 M20 T 21 W22 T 23 F 24 S 25		24 7 0 42 22 50 0s21 20 33 1 22 17 24 2 20	7 3 1 1 7 50 1 2 8 35 1 3 9 17 1 5 9 56 2 10 32 2 1	14 15 56 0 35 27 15 41 0 30 39 15 24 0 26 51 15 8 0 22 3 14 51 0 17 14 14 33 0 13	24 45 3 5 24 42 3 3 24 38 3 1 24 34 2 59 24 30 2 58 24 25 2 56	13 18 1 25 13 16 1 25 13 15 1 25 13 13 1 25 13 11 1 25 13 10 1 25	21 51 1 27 21 51 1 27	21 33 0 7 21 33 0 7 21 33 0 7 21 32 0 7 21 32 0 7 21 32 0 7	21 55 1 18 21 56 1 17 21 56 1 17 21 56 1 17 21 56 1 17 21 56 1 17	12 48 9 44 12 48 9 44 12 49 9 44 12 49 9 43 12 49 9 43 12 49 9 43	23 22 23 22 23 22 23 22 23 22 23 22 23 22 23 22 23 23 23 23 22 23 23 23 23 22 23 23 23 23 23 23	3 17 20 3 17 18 3 17 16 3 17 13 3 17 11 3 17 9	17 55 4 29 17 55 4 30 17 54 4 30 17 53 4 31
S 26 M27 T 28 W29 T 30 F 31	2 2 2 26 2 49 3 13 3 36 3n59	5 48 5 0 10 44 4 53 15 17 4 31 19 11 3 55	12 25 2 5 12 45 3 13 0 3	44 13 38 0 0 52 13 19 0s 4 0 12 59 0 8 6 12 39 0 11	24 8 2 49 24 3 2 47	13 4 1 26 13 3 1 26 13 1 1 26 12 59 1 26	21 51 1 27 21 51 1 28 21 51 1 28	21 32 0 7 21 32 0 7 21 32 0 7 21 32 0 7		12 50 9 42 12 51 9 42 12 51 9 42 12 51 9 41	23 24 23 24 23 24 23 24 23 24 23 24 23 25 23 24 23 25 23 24 23 25 23 24 23 25 23 24	17 2 17 0 16 58 16 55	17 49 4 36 17 48 4 36

Julian Day Number = 2414714.5, Delta T = -2.88 sec Ecliptic obliquity = $23^{\circ}27^{\circ}10$, Nutation = $0^{\circ}00^{\circ}18$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $23^{\circ}19^{\circ}55$, Lahiri = $22^{\circ}26^{\circ}56$

APRIL 1899 00:00 UT

Day	Sid.t	0	D	ğ	ρ	ď	4	ħ)મ(并	Р	r	ß	Ç	Ŗ	Day
S 1	12 36 32	11 ° 3'14	8 .7 59	26 Y 45	29≈28	24958	8°R17	23 × 741	7°R53	22П13	13 П 55	2°R59	3 ⋜ 43	3⋒39	12°R59	S 1
S 2	12 40 29	12° 2'23	22°41	26°R51	0 ∺ 38	25°17	8 M .11	23°41	7 . ₹52	22°13	13°56	2 ප 58	3°40	3°46	12 × 759	S 2
M 3	12 44 26	13° 1'30	6 ප 34	26°49	1°47	25°36	8° 4	23°R41	7°51	22°14	13°56	2°58	3°37	3°53	12°58	M 3
T 4	12 48 22	14° 0'35	20°36	26°41	2°57	25°55	7°58	23°41	7°50	22°16	13°57	2°57	3°34	3°59	12°57	T 4
W 5	12 52 19	14°59'38	4≈47	26°26	4° 7	26°15	7°52	23°41	7°48	22°17	13°58	2°56	3°31	4° 6	12°55	W 5
T 6	12 56 15	15°58'40	19° 7	26° 5	5°17	26°35	7°45	23°40	7°47	22°18	13°59	2°53	3°28	4°13	12°54	T 6
F 7	13 0 12	16°57'40	3 ∺ 32	25°39	6°27	26°55	7°38	23°40	7°46	22°19	13°59	2°47	3°24	4°19	12°53	F 7
S 8	13 4 8	17°56'38	17°57	25° 7	7°38	27°16	7°32	23°39	7°45	22°20	14° 0	2°38	3°21	4°26	12°52	S 8
S 9	13 8 5	18°55'34	2 Υ 18	24°32	8°48	27°37	7°25	23°39	7°43	22°21	14° 1	2°28	3°18	4°33	12°50	S 9
M10	13 12 1	19°54'28	16°28	23°53	9°58	27°58	7°18	23°38	7°42	22°22	14° 2	2°16	3°15	4°39	12°49	M10
T 11	13 15 58	20°53'20	0821	23°11	11° 9	28°20	7°11	23°37	7°41	22°24	14° 3	2° 5	3°12	4°46	12°47	T 11
W12	13 19 55	21°52'11	13°54	22°28	12°19	28°42	7° 4	23°36	7°39	22°25	14° 4	1°56	3° 8	4°53	12°45	W12
T 13	13 23 51	22°50'59	27° 5	21°43	13°30	29° 4	6°56	23°36	7°38	22°26	14° 5	1°48	3° 5	4°59	12°43	T 13
F 14	13 27 48	23°49'45	9∏52	20°59	14°40	29°27	6°49	23°34	7°36	22°27	14° 6	1°44	3° 2	5° 6	12°41	F 14
S 15	13 31 44	24°48'29	22°20	20°15	15°51	29°50	6°42	23°33	7°35	22°29	14° 7	1°42	2°59	5°13	12°39	S 15
S 16	13 35 41	25°47'10	4930	19°32	17° 1	0 Ω 13	6°34	23°32	7°33	22°30	14° 8	1°D41	2°56	5°19	12°37	S 16
M17	13 39 37	26°45'50	16°28	18°52	18°12	0°37	6°27	23°31	7°31	22°32	14° 9	1°42	2°53	5°26	12°35	M17
T 18	13 43 34	27°44'27	28°19	18°14	19°23	1° 0	6°20	23°29	7°30	22°33	14°10	1°R42	2°49	5°33	12°33	T 18
W19	13 47 30	28°43'02	10 N 9	17°40	20°34	1°24	6°12	23°28	7°28	22°34	14°11	1°41	2°46	5°39	12°30	W19
T 20	13 51 27	29°41'35	22° 1	17°10	21°44	1°49	6° 5	23°26	7°26	22°36	14°12	1°39	2°43	5°46	12°28	T 20
F 21	13 55 24	0840'06	4Mp 3	16°44	22°55	2°13	5°57	23°24	7°24	22°37	14°13	1°34	2°40	5°53	12°25	F 21
S 22	13 59 20	1°38'34	16°16	16°22	24° 6	2°38	5°49	23°22	7°23	22°39	14°14	1°27	2°37	5°59	12°23	S 22
S 23	14 3 17	2°37'00	28°45	16° 6	25°17	3° 3	5°42	23°21	7°21	22°41	14°15	1°18	2°33	6° 6	12°20	S 23
M24	14 7 13	3°35'25	11 ≏ 32	15°54	26°28	3°28	5°34	23°19	7°19	22°42	14°16	1°8	2°30	6°13	12°17	M24
T 25	14 11 10	4°33'47	24°36	15°47	27°39	3°54	5°26	23°16	7°17	22°44	14°17	0°58	2°27	6°19	12°15	T 25
W26	14 15 6	5°32'08	7 M 57	15°D45	28°50	4°20	5°19	23°14	7°15	22°45	14°18	0°49	2°24	6°26	12°12	W26
T 27	14 19 3	6°30'27	21°32	15°48	o Υ 1	4°45	5°11	23°12	7°13	22°47	14°19	0°41	2°21	6°33	12° 9	T 27
F 28	14 22 59	7°28'44	5 ₹ 20	15°56	1°12	5°12	5° 3	23°10	7°11	22°49	14°20	0°37	2°18	6°39	12° 6	F 28
S 29	14 26 56	8°26'59	19°17	16° 8	2°24	5°38	4°56	23° 7	7° 9	22°50	14°21	0°34	2°14	6°46	12° 2	S 29
S 30	14 30 52	9 8 25'13	3 る 20	16 Y 25	3 Y 35	6 N 5	4 M .48	23 ×7 5	7 √ 7	22 II 52	14∏23	0°D33	2 ਰ 11	6 Ω 53	11 × 759	S 30

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	decl	decl lat	decl	lat de	cl lat	decl	lat	decl	lat	decl	lat	decl	lat	decl la	at	decl	lat	decl	decl	decl	decl	lat
S 1	4n23	23 s50 2 s	3 13n20	3n14 11s	58 0s19	23n49	2n43	12 s55	1n26	21 s50	1n28	21 s31	0n 7	21n57	1 s17	12n52	9 s41	23 s25	23 s24	16n51	17 s47	4n38
S 2	4 46	24 9 0 :	54 13 24	3 16 11	37 0 23	23 44	2 41	12 53	1 26	21 50	1 28	21 31	0 7	21 57	1 17	12 52	9 41	23 25	23 24	16 48	17 46	4 38
M 3	5 9	22 58 On	-			23 39		12 51	-	21 50		21 31				-		23 25				4 39
T 4	5 32	-				23 33		12 49		21 50		21 31				12 53		23 25				4 40
W 5 T 6	5 55							12 46	1 26	21 50 21 50		21 31 21 31				12 53 12 53		23 25 23 25	-			4 40
T 6 F 7	6 17 6 40	6 7 4			9 0 37	23 23 23 17		12 44 12 42	1 27			21 31				12 53		23 25	-			4 41
S 8	7 3		52 12 28			23 17		12 42		21 50		21 30				12 54		23 26				4 42
S 9	7 25	5n31 5	1 12 7	2 48 9	0 0 47	23 6	2 30	12 37	1 27	21 50	1 28	21 30	0 7	21 58	1 16	12 54	9 39	23 26	23 25	16 32	17 41	4 43
M10	7 47	10 58 4 :	52 11 43	2 38 8	36 0 50	23 0	2 29	12 35	1 27	21 50	1 28	21 30	0 7	21 58	1 16	12 55	9 39	23 26	23 25	16 30	17 40	4 43
T 11	8 10			2 26 8		22 54	2 27		1 27	-	1 29							23 26				4 44
W12	8 32	-, -, -		2 14 7			2 26		1 27	-	1 29			21 58				23 26				4 45
T 13	8 53			2 0 7			2 24		1 27		1 29			21 58				23 26				4 45
F 14 S 15	9 15 9 37		53 9 49 50 9 18	1 45 7 1 29 6	0 1 2 35 1 5		2 23 2 21	12 26 12 23	1 27 1 27	21 49 21 49	1 29 1 29	21 29 21 28			-	12 56 12 56		23 26 23 27			17 36 17 36	4 46 4 46
S 16	9 58			1 13 6				12 21		21 49		21 28			-	12 56		23 27				4 47
M17	10 19							12 19		21 49		21 28			-			23 27				4 47
T 18	10 41	18 16 2	17 7 46	0 40 5	19 1 12	22 11	2 17	12 16	1 27	21 49	1 29	21 28	0 7	21 59	1 16	12 57		23 26				4 48
W19	11 1	14 39 3	10 7 17	0 23 4				12 14	1 27			21 27						23 27			17 32	4 49
T 20	11 22			0 6 4		21 57			1 27			21 27		21 59				23 27			17 31	4 49
F 21	11 43			0s10 4		21 50	2 13		1 27			21 27		21 59				23 27			17 30	4 50
S 22	12 3	0 54 4 :	54 6 2	0 26 3	36 1 22	21 43	2 12	12 6	1 27	21 48	1 29	21 27	0 7	21 59	1 16	12 58	9 37	23 27	23 26	16 2	17 30	4 50
S 23	12 23	4s 9 5	4 5 41	0 42 3		21 36	2 10		1 27	-		21 26			-	12 59		23 27				4 51
M24	12 43	9 9 5	0 5 23	0 57 2	-		2 9		1 27	-	1 29				-	12 59		23 27				4 51
T 25 W26	13 3 13 22		39 5 7 4 4 54	1 11 2 1 25 1			2 8 2 7	11 59 11 56	1 27 1 27	-	1 29 1 29			21 59 22 0				23 27 23 27				4 52 4 52
T 27	13 42		14 4 43	1 25 1					1 27	-	1 29					12 39		23 27				4 52
F 28	14 1	23 21 2		1 50 0	-		2 4	-	1 27	-	1 30	_			-	13 0		23 27				4 54
S 29	14 20	24 1 1	0 4 29	2 1 0	30 1 35	20 51		11 49	1 27	21 47	1 30	21 24	0 7		1 16	13 0		23 27				4 54
S 30	14n38	23 s10 On	15 4n26	2s11 0s	3 1s36	20n43	2n 1	11 s46	1n26	21 s47	1n30	21 s24	0n 7	22n 0	1 s16	13n 1	9 s 3 5	23 s27	23 s26	15n43	17 s22	4n55

Julian Day Number = 2414745.5, Delta T = -2.80 sec Ecliptic obliquity = $23^{\circ}27'10$, Nutation = $0^{\circ}00'17$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $23^{\circ}20'00$, Lahiri = $22^{\circ}27'00$

MAY 1899 00:00 UT

Day	Sid.t	0	D	ğ	·	ð	4	ħ)∤(并	В	r	u	Ç	Ŷ,	Day
M 1	14 34 49	10823'26	17 궁 26	16 Y 47	4 Υ 46	6 Ω 31	4°R41	23°R 2	7°R 5	22 II 54	14∏24	0 궁 34	2 8	6 Ω 59	11°R56	M 1
T 2	14 38 46	11°21'37	1≈35	17°13	5°58	6°58	4 M .33	22 × 759	7 .₹ 3	22°56	14°25	0°35	2° 5	7° 6	11 × 753	T 2
W 3	14 42 42	12°19'46	15°45	17°44	7° 9	7°25	4°25	22°57	7° 0	22°57	14°26	0°R36	2° 2	7°13	11°49	W 3
T 4	14 46 39	13°17'54	29°54	18°18	8°20	7°53	4°18	22°54	6°58	22°59	14°27	0°34	1°59	7°19	11°46	T 4
F 5	14 50 35	14°16'01	14 ₩ 0	18°56	9°32	8°20	4°10	22°51	6°56	23° 1	14°29	0°31	1°55	7°26	11°42	F 5
S 6	14 54 32	15°14'06	28° 1	19°39	10°43	8°48	4° 3	22°48	6°54	23° 3	14°30	0°26	1°52	7°33	11°39	S 6
S 7	14 58 28	16°12'10	11 Y 55	20°24	11°55	9°16	3°56	22°45	6°52	23° 5	14°31	0°20	1°49	7°39	11°35	S 7
M 8	15 2 25	17°10'12	25°37	21°14	13° 6	9°44	3°48	22°42	6°49	23° 7	14°32	0°12	1°46	7°46	11°32	M 8
T 9	15 6 21	18° 8'13	9 8 6	22° 6	14°18	10°13	3°41	22°39	6°47	23° 8	14°33	0° 5	1°43	7°53	11°28	T 9
W10	15 10 18	19° 6'12	22°19	23° 2	15°29	10°41	3°34	22°35	6°45	23°10	14°35	29 × 759	1°39	7°59	11°24	W10
T 11	15 14 15	20° 4'10	5 Ⅱ 15	24° 1	16°41	11°10	3°27	22°32	6°42	23°12	14°36	29°55	1°36	8° 6	11°20	T 11
F 12	15 18 11	21° 2'06	17°53	25° 3	17°53	11°39	3°20	22°29	6°40	23°14	14°37	29°53	1°33	8°13	11°17	F 12
S 13	15 22 8	22° 0'01	09514	26° 8	19° 4	12° 8	3°13	22°25	6°38	23°16	14°39	29°D52	1°30	8°19	11°13	S 13
S 14	15 26 4	22°57'54	12°22	27°15	20°16	12°37	3° 6	22°22	6°35	23°18	14°40	29°53	1°27	8°26	11° 9	S 14
M15	15 30 1	23°55'45	24°20	28°26	21°28	13° 6	2°59	22°18	6°33	23°20	14°41	29°54	1°24	8°33	11° 5	M15
T 16	15 33 57	24°53'34	6 Ω 11	29°39	22°39	13°36	2°52	22°15	6°30	23°22	14°43	29°56	1°20	8°39	11° 1	T 16
W17	15 37 54	25°51'22	18° 2	0 8 55	23°51	14° 5	2°46	22°11	6°28	23°24	14°44	29°57	1°17	8°46	10°57	W17
T 18	15 41 50	26°49'08	29°55	2°13	25° 3	14°35	2°39	22° 7	6°26	23°26	14°45	29°R57	1°14	8°53	10°53	T 18
F 19	15 45 47	27°46'53	11 m 57	3°34	26°15	15° 5	2°33	22° 3	6°23	23°28	14°46	29°56	1°11	8°59	10°49	F 19
S 20	15 49 44	28°44'35	24°13	4°57	27°27	15°35	2°27	22° 0	6°21	23°30	14°48	29°54	1° 8	9° 6	10°44	S 20
S 21	15 53 40	29°42'17	6 ₽ 45	6°23	28°38	16° 5	2°20	21°56	6°18	23°32	14°49	29°50	1° 5	9°13	10°40	S 21
M22	15 57 37	0耳39′56	19°37	7°51	29°50	16°35	2°14	21°52	6°16	23°34	14°50	29°46	1° 1	9°19	10°36	M22
T 23	16 1 33	1°37'34	2 M .51	9°21	18 2	17° 6	2° 9	21°48	6°13	23°37	14°52	29°42	0°58	9°26	10°32	T 23
W24	16 5 30	2°35'11	16°27	10°54	2°14	17°37	2° 3	21°44	6°11	23°39	14°53	29°38	0°55	9°33	10°28	W24
T 25	16 9 26	3°32'47	0 ₹ 22	12°29	3°26	18° 7	1°57	21°40	6° 8	23°41	14°55	29°35	0°52	9°39	10°24	T 25
F 26	16 13 23	4°30'21	14°33	14° 7	4°38	18°38	1°52	21°36	6° 6	23°43	14°56	29°33	0°49	9°46	10°19	F 26
S 27	16 17 19	5°27'55	28°56	15°47	5°50	19° 9	1°46	21°31	6° 3	23°45	14°57	29°D32	0°45	9°53	10°15	S 27
S 28	16 21 16	6°25'27	13 る 25	17°29	7° 2	19°40	1°41	21°27	6° 1	23°47	14°59	29°32	0°42	9°59	10°11	S 28
M29	16 25 13	7°22'58	27°55	19°13	8°14	20°12	1°36	21°23	5°58	23°49	15° 0	29°34	0°39	10° 6	10° 7	M29
T 30	16 29 9	8°20'29	12≈22	21° 0	9°26	20°43	1°31	21°19	5°56	23°52	15° 1	29°35	0°36	10°13	10° 2	T 30
W31	16 33 6	9Ⅱ17'59	26≈41	22849	10838	21 Ω 14	1 M 26	21 × 15	5 ₹ 53	23 Ⅱ 54	15 II 3	29 ∡ ³36	0 궁 33	10 Ω 19	9 ₹ 58	W31

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M 1 T 2	14n57 15 15	20s50 1n3			0n24 0 51	1 s37 20n 1 39 20		11 s44 11 41		21 s47 21 46		21 s24 21 23		22n 0 22 0	1 s16 1 16	13n 1 13 1		23 s27 23 27		-		4n55 4 56
W 3	15 33	12 38 3 3	9 4 32	2 38	1 18	1 40 20	19 1 58	11 39	1 26	21 46	1 30	21 23	0 7	22 1	1 15	13 1	9 35	23 27	23 26	15 36	17 20	4 56
T 4 F 5	15 50 16 8	7 22 4 2 1 45 4 5		2 45 2 51	1 46 2 13	1 41 20 1 42 20		11 36		21 46 21 46	1 30 1 30			1	1 15 1 15	13 2 13 2		23 27 23 27				4 56 4 57
S 6	16 25	-	8 4 58		2 40	1 42 20				21 46		21 22		22 1	1 15	-		23 27				4 57
S 7 M 8	16 42 16 58		2 5 11 9 5 26		3 7 3 34	1 44 19 1 45 19		11 29 11 27		21 45 21 45		21 22 21 21		22 1	1 15 1 15	-		23 27 23 27				4 58 4 58
T 9		_	0 5 42		4 1	1 46 19		11 25	1 26	21 45		21 21	0 7	22 1	1 15		9 34	23 27	23 26	15 22	17 14	4 59
W10		-	0 6 1	3 10	4 28	1 46 19		11 22		21 45		21 20		22 1	1 15			23 27				4 59
T 11 F 12	17 46 18 2	23 58 1	5 6 43		4 55 5 22	1 47 19 1 47 19	1 1 47		1 25 1 25	21 44	1 30	21 20 21 20	0 7	22 2 2 2 2	1 15 1 15	13 4	9 34	23 27 23 27	23 27	15 15	17 11	5 0 5 0
S 13		23 25 0s	2 7 6	3 13	5 49	1 48 18		11 16		21 44		21 19		22 2	1 15	13 4		23 27				5 0
S 14 M15	18 31 18 46	21 45 1 19 8 2 1	8 7 31 0 7 57	3 12 3 11	6 15 6 42	1 48 18 1 48 18	-	11 13 11 11	1 25 1 25	21 44 21 44		21 19 21 18		22 2	1 15 1 15	-		23 27 23 27		15 10 15 8	17 10 17 9	5 1 5 1
T 16	19 0	-	5 8 24	3 9	7 9	1 48 18			-		1 30			22 2				23 27			17 8	5 1
W17 T 18	19 14 19 27	11 44 3 5 7 16 4 3			7 35	1 48 18 1 48 18				_		21 18	0 7	22 2				23 27 23 27			17 7 17 6	5 2 5 2
F 19	19 41	2 29 4 5			8 1 8 27	1 48 18 1 48 17	4 1 41 54 1 39					21 17 21 17		22 2	1 15 1 15			23 27				5 3
S 20	19 53	2 s 2 8 5 1			8 53	1 48 17		11 1		21 43		21 16		22 3	1 15			23 27				5 3
S 21 M22	20 6		1 10 57		9 19	1 48 17		10 59		_		21 16		22 3	1 15			23 27				5 3
T 23	20 18 20 30	-		2 46 2 40	9 45 10 10	1 47 17 1 47 17			1 23 1 23		1 30	21 16 21 15			1 15 1 15	13 6 13 7		23 27 23 27				5 3 5 4
W24	20 41				10 35	1 46 17	4 1 34		-		1 30	-	-		1 15	13 7		23 27		-		5 4
T 25	20 52	22 44 2 3	3 13 16	2 26	11 0	1 46 16	53 1 33	10 52	1 23	21 42	1 30	21 14	0 6	22 3	1 15	13 7	9 32	23 27	23 27	14 44	17 0	5 4
F 26 S 27	21 3 21 14	23 54 1 2				1 45 16			1 23	21 41 21 41		21 14 21 13		22 3	1 15			23 27				5 5 5
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	21 24 21 33	-	6 15 6 0 15 43	-	12 14 12 38	1 44 16 1 43 16		10 47		21 41 21 41		21 13 21 13		22 4				23 27 23 27				5 5 5
	21 43		5 16 20		13 2	1 42 15		10 43		21 40		21 13		22 4				23 27				5 6
	21n51		5 16n57		13n25	1 s41 15n		10s42		21 s40		21 s12		22n 4	1 s15			23 s27				-

Julian Day Number = 2414775.5, Delta T = -2.71 sec Ecliptic obliquity = $23^{\circ}27'09$, Nutation = $0^{\circ}00'16$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $23^{\circ}20'04$, Lahiri = $22^{\circ}27'04$

JUNE 1899 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ)/(¥	Р	ß	Ω	ţ	ę,	Day
T 1	16 37 2	10 Ⅱ 15'27	10 米 51	24841	11850	21 Ω 46	1°R21	21°R10	5°R51	23 II 56	15 I I 4	29°R36	0 ට 30	10Ω26	9°R54	T 1
F 2	16 40 59	11°12'55	24°49	26°35	13° 3	22°18	1 M .17	21 🗷 6	5 √ 49	23°58	15° 6	29 х 36	0°26	10°33	9 .7 49	F 2
S 3	16 44 55	12°10'23	8 Y 35	28°31	14°15	22°50	1°13	21° 2	5°46	24° 0	15° 7	29°35	0°23	10°39	9°45	S 3
S 4	16 48 52	13° 7'50	22° 7	0П29	15°27	23°22	1° 8	20°57	5°44	24° 2	15° 8	29°33	0°20	10°46	9°41	S 4
M 5	16 52 49	14° 5'16	5 8 25	2°29	16°39	23°54	1° 4	20°53	5°41	24° 5	15°10	29°31	0°17	10°53	9°37	M 5
T 6	16 56 45	15° 2'41	18°29	4°31	17°51	24°26	1° 0	20°48	5°39	24° 7	15°11	29°29	0°14	11° 0	9°32	T 6
W 7	17 0 42	16° 0'06	1П19	6°36	19° 4	24°58	0°57	20°44	5°36	24° 9	15°13	29°27	0°11	11° 6	9°28	W 7
T 8	17 438	16°57'30	13°55	8°41	20°16	25°31	0°53	20°40	5°34	24°11	15°14	29°26	0° 7	11°13	9°24	T 8
F 9	17 8 35	17°54'53	26°19	10°49	21°28	26° 3	0°50	20°35	5°31	24°14	15°15	29°D25	0° 4	11°20	9°20	F 9
S 10	17 12 31	18°52'16	8930	12°58	22°41	26°36	0°47	20°31	5°29	24°16	15°17	29°26	0° 1	11°26	9°16	S 10
S 11	17 16 28	19°49'37	20°32	15° 8	23°53	27° 9	0°44	20°26	5°27	24°18	15°18	29°26	29 × 758	11°33	9°12	S 11
M12	17 20 24	20°46'58	2Ω27	17°18	25° 5	27°41	0°41	20°22	5°24	24°20	15°19	29°27	29°55	11°40	9° 7	M12
T 13	17 24 21	21°44'18	14°17	19°30	26°18	28°14	0°38	20°18	5°22	24°23	15°21	29°28	29°51	11°46	9° 3	T 13
W14	17 28 18	22°41'36	26° 7	21°42	27°30	28°47	0°35	20°13	5°20	24°25	15°22	29°28	29°48	11°53	8°59	W14
T 15	17 32 14	23°38'54	8 m y 1	23°54	28°42	29°21	0°33	20° 9	5°17	24°27	15°24	29°29	29°45	12° 0	8°55	T 15
F 16	17 36 11	24°36'12	20° 2	26° 5	29°55	29°54	0°31	20° 4	5°15	24°29	15°25	29°R29	29°42	12° 6	8°51	F 16
S 17	17 40 7	25°33'28	2 ₽ 16	28°17	1 II 7	0 m 27	0°29	20° 0	5°13	24°31	15°26	29°29	29°39	12°13	8°47	S 17
S 18	17 44 4	26°30'43	14°47	0ණ27	2°20	1° 1	0°27	19°55	5°10	24°34	15°28	29°29	29°36	12°20	8°43	S 18
M19	17 48 0	27°27'58	27°39	2°37	3°32	1°34	0°26	19°51	5° 8	24°36	15°29	29°29	29°32	12°26	8°39	M19
T 20	17 51 57	28°25'12	10 M 54	4°45	4°45	2° 8	0°24	19°47	5° 6	24°38	15°30	29°29	29°29	12°33	8°36	T 20
W21	17 55 53	29°22'26	24°34	6°53	5°57	2°42	0°23	19°42	5° 4	24°40	15°32	29°D29	29°26	12°40	8°32	W21
T 22	17 59 50	09519'39	8 ∡ 39	8°58	7°10	3°15	0°22	19°38	5° 2	24°43	15°33	29°29	29°23	12°46	8°28	T 22
F 23	18 3 47	1°16'51	2 <u>3</u> ° 5	11° 2	8°23	3°49	0°21	19°34	4°59	24°45	15°34	29°R29	29°20	12°53	8°24	F 23
S 24	18 7 43	2°14'03	7 云 48	13° 5	9°35	4°23	0°20	19°30	4°57	24°47	15°36	29°29	29°17	13° 0	8°21	S 24
S 25	18 11 40	3°11'15	22°41	15° 5	10°48	4°57	0°20	19°25	4°55	24°49	15°37	29°29	29°13	13° 6	8°17	S 25
M26	18 15 36	4° 8'27	7 ≈ 36	17° 3	12° 0	5°32	0°19	19°21	4°53	24°52	15°38	29°28	29°10	13°13	8°13	M26
T 27	18 19 33	5° 5'38	22°26	19° 0	13°13	6° 6	0°19	19°17	4°51	24°54	15°40	29°28	29° 7	13°20	8°10	T 27
W28	18 23 29	6° 2'50	7 ∺ 4	20°54	14°26	6°40	0°D19	19°13	4°49	24°56	15°41	29°27	29° 4	13°27	8° 7	W28
T 29	18 27 26	7° 0'01	21°24	22°47	15°39	7°15	0°19	19° 9	4°47	24°58	15°42	29°27	29° 1	13°33	8° 3	T 29
F 30	18 31 22	7 9 57'13	5 ℃ 25	24937	16 Ⅱ 51	7 m 49	OM 19	19 ×7 5	4 ₹ 45	25 II 0	15 Ⅱ 44	29°D26	28 × 757	13 Ω 40	8 × 7 0	F 30

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T 1 F 2 S 3	22n 0 22 8 22 16	2n45 5	In59 17 5 14 18 5 12 18	8 11	1 s25 1 15 1 5		1 39	15n37 15 26 15 14	1n26 1 25 1 24		1 21	21 s40 21 40 21 39	1 30	21 s11 21 11 21 11	0 6	22n 4 22 4 22 4	1 15	13 9	9 32	23 27	23 s27 23 27 23 27	14 24		5n 6 5 6 5 6
S 4 M 5 T 6 W 7 T 8	22 37 22 43	17 21 4 20 40 3	52 19 5 16 19 5 28 20 2 29 21 2 25 21	9 58 0 31 1 4	0 54 0 43 0 32 0 22 0 11	15 18 15 40 16 1	1 35 1 34 1 32	15 3 14 51 14 40 14 28 14 16			1 20 1 20 1 20	21 39 21 39 21 39 21 38 21 38	1 30 1 30 1 29 1 29 1 29	21 9 21 9	0 6	5 22 4 5 22 5 6 22 5 6 22 5 6 22 5	1 15 1 15 1 15	13 9 13 9 13 10	9 32 9 32 9 32	23 27 23 27 23 27	23 27 23 27 23 27 23 27 23 27 23 27	14 17 14 15 14 12	16 51 16 50 16 49	5 7 5 7 5 7 5 7 5 7
F 9 S 10	22 54 22 59) 17 22) s50 22	-	0n 0 0 11	-		14 4 13 52		10 32 10 31		21 38 21 38	1 29 1 29	_		5 22 5 5 22 5	-	13 10 13 10			23 27 23 27		16 48 16 47	5 7 5 7
	23 4 23 8 23 12 23 15 23 18 23 21 23 23	16 49 2 12 59 3 8 39 4 4 0 4 0s51 5	54 22 53 23 44 23 4 25 24 5 13 24 5 17 24	3 22 3 43 4 2 4 18 4 32	0 21 0 32 0 41 0 51 1 0 1 8 1 16	17 41 18 0 18 18 18 36 18 54	1 24 1 22 1 21 1 19 1 17	13 40 13 28 13 16 13 3 12 51 12 38 12 26	1 16 1 15 1 14 1 13 1 12	10 30 10 29 10 29 10 28 10 27 10 27 10 26	1 19 1 18 1 18 1 18 1 18	21 38 21 37 21 37 21 37 21 37 21 36 21 36	1 29 1 29 1 29 1 29 1 29 1 29 1 29	21 7 21 6 21 6 21 6 21 5	0 6 0 6 0 6 0 6	5 22 5 5 22 5 6 22 5 6 22 6 6 22 6 6 22 6	1 15 1 15 1 15 1 15 1 15	13 11 13 11 13 11	9 31 9 31 9 31 9 31 9 31	23 27 23 27 23 27 23 27 23 27 23 27	23 27 23 27 23 27 23 27 23 27 23 27 23 27	14 0 13 57 13 55 13 53 13 50	16 44 16 44 16 43	5 8 5 8 5 8 5 8 5 8 5 8 5 8
M19 T 20 W21 T 22	23 24 23 26 23 27 23 27 23 27 23 27 23 26	15 0 4 18 52 3 21 52 3 23 37 1 23 52 0	5 6 24 40 24 5 58 24 5 2 24 5 3 24 0 35 24	4 55 4 57 4 57 4 53 4 48	1 30 1 35 1 40 1 45 1 48		1 11 1 9 1 7 1 4 1 2	12 13 12 0 11 47 11 34 11 21 11 8 10 55	1 9 1 8 1 7 1 7 1 6	10 26 10 26 10 25 10 25 10 25 10 25 10 25	1 17 1 17 1 16 1 16 1 16	21 36 21 36 21 35 21 35 21 35 21 35 21 34	1 29 1 28 1 28 1 28 1 28 1 28 1 28	21 4 21 4 21 3 21 3 21 2	0 6 0 6 0 6 0 6	6 22 6 6 22 6 6 22 6 6 22 6 6 22 6 6 22 6 6 22 6	1 15 1 15 1 14 1 14 1 14	13 12 13 12	9 31 9 31 9 31 9 31 9 31	23 27 23 27 23 27 23 27 23 27	23 27 23 27 23 27 23 27 23 27 23 27 23 27	13 43 13 40 13 38 13 35 13 33	16 41 16 41 16 40 16 39 16 39	5 8 5 8 5 8 5 8 5 8 5 8 5 8
T 29	23 25 23 23 23 21 23 19 23 16 23n13	15 13 3 10 3 4 4 23 4 1n24 5	2 5 24 3 16 24 4 13 24 4 53 23 5 14 23 5n15 23	4 15 4 0 3 43 3 24	1 55 1 55 1 54	21 7 21 20 21 31 21 42 21 53 22n 2	0 55 0 53	10 41 10 28 10 15 10 1 9 48 9n34	1 3 1 2 1 1 1 1		1 15 1 15 1 14 1 14	21 34 21 34 21 34 21 34 21 33 21 s33	1 28 1 28 1 28 1 28 1 27 1n27	21 1 21 1 21 1	0 6	6 22 7 6 22 7 6 22 7 6 22 7 6 22 7 6 22 7 6 22 7	1 14 1 14 1 14 1 14	13 12 13 13	9 31 9 31 9 31 9 31	23 27 23 27 23 27 23 27	23 27 23 27 23 27 23 27 23 27 23 27 23 s27	13 25 13 23 13 20 13 18	16 37 16 37 16 36	5 8 5 8 5 8 5 8 5 8 5 9 8

Julian Day Number = 2414806.5, Delta T = -2.63 sec Ecliptic obliquity = $23^{\circ}27'08$, Nutation = $0^{\circ}00'17$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $23^{\circ}20'08$, Lahiri = $22^{\circ}27'08$

JULY 1899 00:00 UT

Day	Sid.t	0)	ğ	φ	ď	4	ħ)∤(卉	В	S.	Ω	Ç	ķ	Day
S 1	18 35 19	8954'25	19 Y 5	26925	18 I I 4	8 Mp 24	0ML20	19°R 1	4°R43	25 I I 3	15 Ⅱ 45	29 х 26	28 ৴ 54	13 Ω 47	7°R56	S 1
S 2	18 39 16	9°51'37	2 8 25	28°12	19°17	8°58	0°21	18 × 757	4 ₹ 41	25° 5	15°46	29°27	28°51	13°53	7 ,₹ 53	S 2
M 3	18 43 12	10°48'49	15°26	29°56	20°30	9°33	0°22	18°53	4°39	25° 7	15°48	29°28	28°48	14° 0	7°50	M 3
T 4	18 47 9	11°46'02	28°11	1 Q 38	21°43	10° 8	0°23	18°49	4°38	25° 9	15°49	29°29	28°45	14° 7	7°47	T 4
W 5	18 51 5	12°43'15	10 Ⅱ 42	3°17	22°56	10°43	0°24	18°45	4°36	25°11	15°50	29°30	28°42	14°13	7°44	W 5
T 6	18 55 2	13°40'28	23° 1	4°55	24° 9	11°18	0°25	18°41	4°34	25°13	15°51	29°30	28°38	14°20	7°41	T 6
F 7	18 58 58	14°37'41	59910	6°31	25°22	11°53	0°27	18°37	4°32	25°16	15°53	29°R30	28°35	14°27	7°38	F 7
S 8	19 2 55	15°34'55	17°11	8° 4	26°35	12°28	0°29	18°34	4°31	25°18	15°54	29°30	28°32	14°33	7°35	S 8
S 9	19 651	16°32'08	29° 6	9°36	27°48	13° 4	0°31	18°30	4°29	25°20	15°55	29°28	28°29	14°40	7°33	S 9
M10	19 10 48	17°29'22	10 Ω 57	11° 5	29° 1	13°39	0°33	18°26	4°28	25°22	15°56	29°26	28°26	14°47	7°30	M10
T 11	19 14 45	18°26'36	22°47	12°32	09୍ତ14	14°14	0°35	18°23	4°26	25°24	15°58	29°23	28°23	14°53	7°27	T 11
W12	19 18 41	19°23'49	4 m) 37	13°57	1°27	14°50	0°38	18°19	4°24	25°26	15°59	29°20	28°19	15° 0	7°25	W12
T 13	19 22 38	20°21'03	16°31	15°19	2°40	15°25	0°40	18°16	4°23	25°28	16° 0	29°17	28°16	15° 7	7°22	T 13
F 14	19 26 34	21°18'17	28°33	16°40	3°53	16° 1	0°43	18°13	4°22	25°30	16° 1	29°14	28°13	15°13	7°20	F 14
S 15	19 30 31	22°15'31	10 ≏ 46	17°58	5° 6	16°37	0°46	18° 9	4°20	25°32	16° 2	29°13	28°10	15°20	7°18	S 15
S 16	19 34 27	23°12'45	23°13	19°14	6°19	17°13	0°49	18° 6	4°19	25°34	16° 3	29°D12	28° 7	15°27	7°16	S 16
M17	19 38 24	24° 9'59	6 M 0	20°27	7°33	17°48	0°52	18° 3	4°17	25°36	16° 5	29°13	28° 3	15°34	7°14	M17
T 18	19 42 20	25° 7'14	19°10	21°38	8°46	18°24	0°56	18° 0	4°16	25°38	16° 6	29°14	28° 0	15°40	7°12	T 18
W19	19 46 17	26° 4'29	2 √ 146	22°46	9°59	19° 0	1° 0	17°57	4°15	25°40	16° 7	29°16	27°57	15°47	7°10	W19
T 20	19 50 14	27° 1'44	16°49	23°52	11°12	19°37	1° 3	17°54	4°14	25°42	16° 8	29°17	27°54	15°54	7° 8	T 20
F 21	19 54 10	27°58'59	1る18	24°55	12°26	20°13	1° 7	17°51	4°13	25°44	16° 9	29°R17	27°51	16° 0	7° 6	F 21
S 22	19 58 7	28°56'15	16° 9	25°55	13°39	20°49	1°12	17°48	4°12	25°46	16°10	29°16	27°48	16° 7	7° 4	S 22
S 23	20 2 3	29°53'31	1≈16	26°52	14°52	21°25	1°16	17°45	4°10	25°48	16°11	29°14	27°44	16°14	7° 3	S 23
M24	20 6 0	0 Ω 50'48	16°29	27°46	16° 6	22° 2	1°20	17°43	4° 9	25°50	16°12	29°11	27°41	16°20	7° 1	M24
T 25	20 9 56	1°48'06	1) (38	28°37	17°19	22°38	1°25	17°40	4° 9	25°52	16°13	29° 6	27°38	16°27	7° 0	T 25
W26	20 13 53	2°45'24	16°34	29°25	18°33	23°15	1°30	17°38	4° 8	25°54	16°14	29° 2	27°35	16°34	6°59	W26
T 27	20 17 49	3°42'43	1 Υ 9	0Mp 9	19°46	23°51	1°35	17°35	4° 7	25°56	16°15	28°58	27°32	16°40	6°57	T 27
F 28	20 21 46	4°40'03	15°19	0°49	21° 0	24°28	1°40	17°33	4° 6	25°58	16°16	28°55	27°29	16°47	6°56	F 28
S 29	20 25 43	5°37'25	29° 3	1°26	22°13	25° 5	1°45	17°31	4° 5	25°59	16°17	28°53	27°25	16°54	6°55	S 29
S 30	20 29 39	6°34'47	12820	1°59	23°27	25°42	1°50	17°29	4° 4	26° 1	16°18	28°D53	27°22	17° 1	6°54	S 30
M31	20 33 36	7 Ω 32'11	25 8 14	2 m) 27	249540	26Mp18	1 M .56	17 . 727	4 √ 4	26耳 3	16 I I19	28 × 754	27 × 19	17 0 7	6 ₹ 53	M31

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	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl dec	l decl	decl lat
S 1	23n 9	12n 5 4n5	22n42 1n5	1 22n12 0s44	9n20 0n59	10s27 1n14	21 s33 1n27	21 s 0 0n 6	22n 7 1s14	13n13 9s32	23 s27 23 s2	7 13n13	16s35 5n 8
S 2 M 3 T 4 W 5 T 6 F 7 S 8	23 1 22 56 22 51 22 45 22 39	16 29 4 20 19 59 3 4 22 27 2 4 23 45 1 4 23 52 0 36 22 50 0s3 20 45 1 36	21 53 1 43 5 21 27 1 4 2 20 59 1 36 5 20 31 1 3 20 2 1 20	8 22 20 0 41 5 22 28 0 39 1 22 36 0 36 6 22 42 0 34 1 22 48 0 31 6 22 54 0 29 9 22 58 0 26	8 52 0 57 8 39 0 56 8 25 0 56 8 10 0 55 7 56 0 54	10 28 1 13 10 28 1 13 10 29 1 12 10 30 1 12 10 31 1 12	21 33 1 27 21 32 1 27 21 32 1 27 21 32 1 26 21 32 1 26	20 59 0 6 20 59 0 6 20 58 0 6 20 58 0 6 20 58 0 6	22 7 1 14 22 7 1 14 22 7 1 14 22 7 1 15 22 8 1 15	13 13 9 32 13 13 9 32	23 27 23 2 23 27 23 2	7 13 8 7 13 5 7 13 3 7 13 0 7 12 58	16 34 5 7 16 34 5 7 16 33 5 7 16 33 5 7 16 33 5 7
S 9 M10 T 11 W12 T 13 F 14 S 15	22 26 22 18 22 11 22 3 21 55 21 46 21 37	9 56 4 1. 5 23 4 44 0 36 5 4s14 5 1.	0 18 30 1 0 3 17 59 0 55 5 17 27 0 56 7 16 55 0 4 5 16 22 0 33	3 23 2 0 24 6 23 6 0 21 8 23 9 0 18 0 23 11 0 16 1 23 12 0 13 3 23 13 0 11 3 23 13 0 8	7 13 0 51 6 59 0 51 6 45 0 50 6 30 0 49 6 15 0 48	10 34 1 11 10 35 1 11 10 36 1 11 10 37 1 10 10 38 1 10	21 31 1 26 21 31 1 26 21 31 1 26 21 31 1 25 21 31 1 25	20 57 0 6 20 56 0 6 20 56 0 6 20 56 0 6	22 8 1 15 22 8 1 15	13 13 9 32 13 14 9 32	23 27 23 2 23 27 23 2	7 12 50 7 12 48 6 12 45 6 12 43 6 12 40	16 32 5 6 16 32 5 6 16 31 5 6 16 31 5 6 16 31 5 6
S 16 M17 T 18 W19 T 20 F 21 S 22	21 17 21 7 20 57 20 46 20 35	13 28 4 44 17 30 4 13 20 47 3 23 23 1 2 2 23 56 1 3 23 16 0n1 20 58 1 3	2 14 44 0 : 3 14 12 0s 1 13 39 0 13 3 13 7 0 29 1 12 36 0 40	8 23 6 On 2	5 31 0 46 5 17 0 45 5 2 0 44 4 47 0 43 4 32 0 43	10 42 1 9 10 44 1 9 10 45 1 9	21 30 1 25 21 30 1 25 21 30 1 25 21 30 1 24 21 30 1 24	20 55 0 6 20 55 0 6 20 55 0 6 20 55 0 6 20 54 0 6 20 54 0 6	22 8 1 15 22 8 1 15	13 14 9 32 13 14 9 33 13 14 9 33	23 27 23 2 23 27 23 2	6 12 33 6 12 30 6 12 28 6 12 25 6 12 23	16 31 5 5 16 30 5 5 16 30 5 5 16 30 5 5 16 30 5 4
S 23 M24 T 25 W26 T 27 F 28 S 29 S 30 M31	19 59 19 46 19 33 19 20 19 6 18 53 18 38	0 38 5 : 5n13 5 1: 10 38 4 5: 15 20 4 30	0 11 5 1 1: 7 10 36 1 2: 5 10 8 1 44 2 9 40 1 5: 0 9 14 2 : 0 8 50 2 1' 7 8 26 2 30	3 22 49 0 12 5 22 43 0 14 7 22 36 0 17 0 22 29 0 19 2 22 21 0 22 5 22 12 0 24 7 22 3 0 26 0 21 53 0 29 3 21n42 0n31	3 47 0 40 3 32 0 40 3 17 0 39 3 1 0 38 2 46 0 37 2 31 0 36 2 16 0 36	10 54 1 7 10 55 1 7 10 57 1 7 10 59 1 7 11 1 1 6 11 3 1 6	21 30 1 24 21 30 1 23 21 30 1 23	20 54 0 6 20 54 0 6 20 53 0 6	22 9 1 15 22 9 1 15	13 14 9 33 13 14 9 33 13 14 9 33 13 14 9 34 13 14 9 34	23 27 23 2 23 27 23 2	6 12 15 6 12 13 6 12 10 6 12 8 6 12 5 6 12 3 6 12 0	16 30 5 4 16 30 5 3 16 30 5 3 16 30 5 3 16 30 5 3 16 30 5 2

Julian Day Number = 2414836.5, Delta T = -2.54 sec Ecliptic obliquity = 23°27′08, Nutation = $0^\circ00'17$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $23^\circ20'12$, Lahiri = $22^\circ27'13$

AUGUST 1899 00:00 UT

Day	Sid.t	\odot	D	φ	φ	♂	4	ħ)∤(卉	Р	ß	Ω	Ç	Š	Day
T 1	20 37 32	8 Ω 29'36	7 Ⅱ 48	2 m 52	259554	26 m 55	2M 2	17°R25	4°R 3	26耳 5	16耳20	28 х 56	27 × 16	17Ω14	6°R52	T 1
W 2	20 41 29	9°27'02	20° 7	3°12	27° 8	27°33	2° 7	17 × 23	4 才 3	26° 6	16°21	28°57	27°13	17°21	6 ₹ 52	W 2
T 3	20 45 25	10°24'29	29514	3°27	28°21	28°10	2°13	17°21	4° 2	26° 8	16°22	28°R57	27° 9	17°27	6°51	T 3
F 4	20 49 22	11°21'57	14°13	3°37	29°35	28°47	2°20	17°19	4° 2	26°10	16°23	28°56	27° 6	17°34	6°51	F 4
S 5	20 53 19	12°19'26	26° 6	3°42	0 Ω 49	29°24	2°26	17°18	4° 1	26°12	16°24	28°53	27° 3	17°41	6°50	S 5
S 6	20 57 15	13°16'57	7 Ω 56	3°R42	2° 3	0요 1	2°32	17°16	4° 1	26°13	16°24	28°47	27° 0	17°47	6°50	S 6
M 7	21 1 12	14°14'28	19°46	3°37	3°16	0°39	2°39	17°15	4° 0	26°15	16°25	28°40	26°57	17°54	6°50	M 7
T 8	21 5 8	15°12'00	1 m) 37	3°27	4°30	1°16	2°45	17°13	4° 0	26°16	16°26	28°32	26°54	18° 1	6°50	T 8
W 9	21 9 5	16° 9'34	13°30	3°11	5°44	1°54	2°52	17°12	4° 0	26°18	16°27	28°23	26°50	18° 7	6°D50	W 9
T 10	21 13 1	17° 7'08	25°29	2°49	6°58	2°31	2°59	17°11	4° 0	26°20	16°28	28°14	26°47	18°14	6°50	T 10
F 11	21 16 58	18° 4'44	7 ≏ 34	2°23	8°12	3° 9	3° 6	17°10	4° 0	26°21	16°28	28° 7	26°44	18°21	6°50	F 11
S 12	21 20 54	19° 2'20	19°49	1°51	9°26	3°47	3°14	17° 9	4° 0	26°23	16°29	28° 1	26°41	18°27	6°50	S 12
S 13	21 24 51	19°59'57	2 M .16	1°15	10°40	4°25	3°21	17° 8	4°D 0	26°24	16°30	27°57	26°38	18°34	6°51	S 13
M14	21 28 47	20°57'36	15° 0	0°34	11°54	5° 3	3°28	17° 7	4° 0	26°26	16°30	27°55	26°35	18°41	6°51	M14
T 15	21 32 44	21°55'15	28° 4	29 Ω 49	13° 8	5°40	3°36	17° 6	4° 0	26°27	16°31	27°D55	26°31	18°48	6°52	T 15
W16	21 36 41	22°52'56	11 × 732	29° 2	14°22	6°19	3°44	17° 6	4° 0	26°29	16°32	27°56	26°28	18°54	6°52	W16
T 17	21 40 37	23°50'37	25°25	28°12	15°36	6°57	3°52	17° 5	4° 0	26°30	16°32	27°R57	26°25	19° 1	6°53	T 17
F 18	21 44 34	24°48'20	9 궁 45	27°20	16°50	7°35	4° 0	17° 5	4° 0	26°31	16°33	27°56	26°22	19° 8	6°54	F 18
S 19	21 48 30	25°46'03	24°30	26°28	18° 4	8°13	4° 8	17° 5	4° 1	26°33	16°34	27°54	26°19	19°14	6°55	S 19
S 20	21 52 27	26°43'48	9≈35	25°36	19°18	8°51	4°16	17° 4	4° 1	26°34	16°34	27°49	26°15	19°21	6°56	S 20
M21	21 56 23	27°41'34	24°51	24°46	20°32	9°30	4°24	17° 4	4° 1	26°35	16°35	27°42	26°12	19°28	6°57	M21
T 22	22 0 20	28°39'22	10 米 8	23°59	21°46	10° 8	4°33	17°D 4	4° 2	26°36	16°35	27°33	26° 9	19°34	6°58	T 22
W23	22 4 16	29°37'11	25°15	23°15	23° 0	10°46	4°41	17° 4	4° 2	26°38	16°36	27°24	26° 6	19°41	7° 0	W23
T 24	22 8 13	0 m 35'01	10 Υ 2	22°35	24°15	11°25	4°50	17° 5	4° 3	26°39	16°36	27°16	26° 3	19°48	7° 1	T 24
F 25	22 12 10	1°32'53	24°22	22° 1	25°29	12° 4	4°59	17° 5	4° 3	26°40	16°37	27° 9	26° 0	19°55	7° 3	F 25
S 26	22 16 6	2°30'47	8812	21°34	26°43	12°42	5° 8	17° 5	4° 4	26°41	16°37	27° 4	25°56	20° 1	7° 4	S 26
S 27	22 20 3	3°28'43	21°34	21°13	27°57	13°21	5°17	17° 6	4° 5	26°42	16°38	27° 2	25°53	20° 8	7° 6	S 27
M28	22 23 59	4°26'41	4 Ⅱ 28	21° 0	29°12	14° 0	5°26	17° 6	4° 5	26°43	16°38	27°D 1	25°50	20°15	7° 8	M28
T 29	22 27 56	5°24'41	17° 0	20°D55	0 m 26	14°39	5°35	17° 7	4° 6	26°45	16°39	27° 1	25°47	20°21	7° 9	T 29
W30	22 31 52	6°22'43	29°14	20°58	1°41	15°18	5°44	17° 8	4° 7	26°46	16°39	27°R 2	25°44	20°28	7°11	W30
T 31	22 35 49	7 ₯ 20′46	119516	218 9	2 m 55	15 ≏ 57	5 M .54	17 ×7 9	4 才 8	26 Ⅱ 47	16耳39	27 ₹ 1	25 ∡ 40	20 Ω 35	7 ₹ 14	T 31

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T 1 W 2 T 3	18n 9 17 54 17 38	23 53 0 48		5 21n31 0n33 7 21 19 0 35 0 21 7 0 37	1 29 0 33	11 12 1 5	21 30 1 22	20 53 0 6	5 22n 9 1 s15 5 22 9 1 15 5 22 9 1 15	13 14 9 34	23 s27 23 s2 23 27 23 2 23 27 23 2	5 11 53	16 31 5 1
F 4 S 5	17 23 17 7	18 37 2 22		3 20 40 0 42	0 43 0 31	11 19 1 4	5 21 30 1 22 21 30 1 21	20 52 0 6		13 14 9 35	23 27 23 2 23 27 23 2	5 11 45	16 31 5 0
S 6 M 7 T 8 W 9 T 10 F 11	16 50 16 34 16 17 16 0 15 43 15 25	11 6 4 0 6 38 4 34 1 55 4 57 2 s 5 3 5 6 7 3 8 5 3	6 24 4 6 19 4 1 6 16 4 2 6 17 4 2 6 20 4 3	2 19 39 0 50 9 19 23 0 52 6 19 5 0 54	0 12 0 30 0s 4 0 29 0 19 0 28 0 35 0 28 0 51 0 27	11 24 1 4 11 26 1 4 11 29 1 4 11 31 1 3 11 34 1 3	21 30 1 21 21 30 1 21 3 21 30 1 21 3 21 30 1 20	20 52 0 6 20 52 0 5 20 52 0 5 20 52 0 5 20 52 0 5 20 52 0 5	5 22 9 1 15 5 22 9 1 15 5 22 9 1 15 5 22 9 1 15 5 22 9 1 15	13 13 9 35 13 13 9 35 13 13 9 35 13 13 9 35 13 13 9 35	23 27 23 2 23 27 23 2 23 27 23 2 23 27 23 2 23 26 23 2 23 26 23 2	5 11 40 5 11 37 5 11 35 5 11 32 5 11 30	16 32 5 0 16 32 5 0 16 33 4 59 16 33 4 59 16 33 4 59
S 12 S 13 M14 T 15 W16 T 17 F 18 S 19	14 13 13 54 13 35 13 16	16 14 4 14 19 41 3 30 22 14 2 33 23 37 1 27 23 36 0 14	6 36 4 4	5 18 29 0 57 7 18 11 0 59 7 17 51 1 1 6 17 32 1 2 3 17 11 1 4 7 16 50 1 5	1 22 0 25 1 38 0 25 1 53 0 24 2 9 0 23 2 25 0 22 2 41 0 22	11 45 1 2 11 48 1 2 11 51 1 2 11 53 1 2	21 30 1 20 21 30 1 20 21 30 1 20 21 30 1 20 21 31 1 19 21 31 1 19 21 31 1 19	20 52 0 5 20 52 0 5	5 22 9 1 15 5 22 9 1 15 5 22 9 1 15 5 22 9 1 15	13 13 9 36 13 13 9 36	23 26 23 2 23 26 23 2	5 11 25 4 11 22 4 11 19 4 11 17 4 11 14 4 11 12	16 34 4 58 16 34 4 58 16 35 4 58 16 35 4 57 16 35 4 57 16 36 4 57
S 20 M21 T 22 W23 T 24 F 25 S 26	12 17 11 57 11 37 11 16 10 56	13 38 4 31	9 20 4 1 9 47 3 5 10 14 3 4 10 41 3 3	1 15 45 1 10 9 15 23 1 11 5 15 0 1 12 0 14 36 1 14 3 14 12 1 15	3 28 0 20 3 44 0 19 3 59 0 18 4 15 0 17 4 31 0 17	12 5 1 1	21 31 1 18 21 32 1 18	20 53 0 5 20 53 0 5 20 53 0 5 20 53 0 5 20 53 0 5	22 9 1 15	13 12 9 37 13 12 9 37 13 12 9 37 13 12 9 37 13 12 9 38	23 26 23 2 23 26 23 2 23 26 23 2 23 26 23 2 23 25 23 2 23 25 23 2 23 25 23 2 23 25 23 2	4 11 4 4 11 2 4 10 59 4 10 56 3 10 54	16 37 4 56 16 38 4 55 16 38 4 55 16 39 4 55 16 39 4 54
S 27 M28 T 29 W30 T 31	9 32 9 11	22 58 1 57 23 42 0 53 23 15 0s12	12 54 1 4	0 12 58 1 18 1 12 33 1 19	5 18 0 15 5 34 0 14 5 49 0 13	12 24 0 59 12 28 0 59 12 31 0 59	21 33 1 17 21 33 1 17 21 33 1 17	20 53 0 5 20 54 0 5 20 54 0 5	5 22 9 1 16 5 22n 9 1 s16	13 12 9 38 13 11 9 38 13 11 9 38	23 25 23 2 23 25 23 s2	3 10 46 3 10 44 3 10 41	16 41 4 54 16 42 4 53 16 42 4 53

Julian Day Number = 2414867.5, Delta T = -2.45 sec Ecliptic obliquity = $23^{\circ}27'08$, Nutation = $0^{\circ}00'18$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $23^{\circ}20'16$, Lahiri = $22^{\circ}27'17$

SEPTEMBER 1899 00:00 UT

Day	Sid.t	0	D	ğ	Q	ď	4	ħ)Å(¥	Р	ß	Ω	Ç	ę,	Day
F 1	22 39 45	8 m) 18'52	239510	21 Ω 29	4 Mp 9	16 ₽ 36	6M 3	17 .7 9	4 ₹ 9	26∏48	16 II 40	26°R58	25 × 37	20Ω41	7 √ 16	F 1
S 2	22 43 42	9°16'59	4 Ω 59	21°57	5°24	17°15	6°13	17°11	4°10	26°48	16°40	26 ₹ 52	25°34	20°48	7°18	S 2
S 3	22 47 39	10°15'08	16°48	22°33	6°38	17°54	6°23	17°12	4°11	26°49	16°40	26°44	25°31	20°55	7°20	S 3
M 4	22 51 35	11°13'19	28°39	23°18	7°53	18°33	6°33	17°13	4°12	26°50	16°41	26°33	25°28	21° 2	7°23	M 4
T 5	22 55 32	12°11'31	10 m 34	24°10	9° 7	19°13	6°43	17°14	4°13	26°51	16°41	26°20	25°25	21° 8	7°25	T 5
W 6	22 59 28	13° 9'45	22°34	25°10	10°22	19°52	6°53	17°16	4°15	26°52	16°41	26° 6	25°21	21°15	7°28	W 6
T 7	23 3 25	14° 8'01	4 ≏ 41	26°17	11°36	20°32	7° 3	17°17	4°16	26°53	16°41	25°53	25°18	21°22	7°31	T 7
F 8	23 7 21	15° 6'19	16°55	27°30	12°51	21°11	7°13	17°19	4°17	26°53	16°42	25°41	25°15	21°28	7°33	F 8
S 9	23 11 18	16° 4'39	29°19	28°49	14° 5	21°51	7°23	17°21	4°18	26°54	16°42	25°31	25°12	21°35	7°36	S 9
S 10	23 15 14	17° 3'00	11 M 53	0 m 14	15°20	22°30	7°34	17°22	4°20	26°55	16°42	25°25	25° 9	21°42	7°39	S 10
M11	23 19 11	18° 1'22	24°41	1°43	16°34	23°10	7°44	17°24	4°21	26°56	16°42	25°21	25° 6	21°48	7°42	M11
T 12	23 23 8	18°59'47	7 ,₹ 44	3°17	17°49	23°50	7°55	17°26	4°23	26°56	16°42	25°19	25° 2	21°55	7°45	T 12
W13	23 27 4	19°58'13	21° 7	4°55	19° 4	24°30	8° 5	17°28	4°24	26°57	16°42	25°19	24°59	22° 2	7°49	W13
T 14	23 31 1	20°56'40	4 궁 51	6°36	20°18	25°10	8°16	17°31	4°26	26°57	16°42	25°19	24°56	22° 8	7°52	T 14
F 15	23 34 57	21°55'09	18°58	8°19	21°33	25°50	8°27	17°33	4°28	26°58	16°42	25°18	24°53	22°15	7°55	F 15
S 16	23 38 54	22°53'40	3≈28	10° 5	22°48	26°30	8°38	17°35	4°29	26°58	16°R42	25°14	24°50	22°22	7°59	S 16
S 17	23 42 50	23°52'12	18°17	11°52	24° 2	27°10	8°49	17°38	4°31	26°59	16°42	25° 8	24°46	22°29	8° 2	S 17
M18	23 46 47	24°50'46	3 ∺ 20	13°41	25°17	27°50	9° 0	17°40	4°33	26°59	16°42	24°59	24°43	22°35	8° 6	M18
T 19	23 50 43	25°49'22	18°28	15°31	26°32	28°31	9°11	17°43	4°35	27° 0	16°42	24°49	24°40	22°42	8°10	T 19
W20	23 54 40	26°48'00	3 Y 30	17°22	27°46	29°11	9°22	17°46	4°37	27° 0	16°42	24°37	24°37	22°49	8°14	W20
T 21	23 58 37	27°46'39	18°17	19°13	29° 1	29°51	9°34	17°48	4°39	27° 0	16°42	24°27	24°34	22°55	8°17	T 21
F 22	0 2 33	28°45'21	2 8 40	21° 4	0 ჲ 16	0 M .32	9°45	17°51	4°40	27° 1	16°42	24°17	24°31	23° 2	8°21	F 22
S 23	0 6 30	29°44'05	16°35	22°55	1°31	1°12	9°56	17°54	4°42	27° 1	16°42	24°11	24°27	23° 9	8°25	S 23
S 24	0 10 26	0 ჲ 42'51	0 I 1	24°45	2°46	1°53	10°8	17°57	4°45	27° 1	16°42	24° 7	24°24	23°16	8°29	S 24
M25	0 14 23	1°41'40	13° 0	26°36	4° 0	2°33	10°19	18° 1	4°47	27° 1	16°42	24° 5	24°21	23°22	8°34	M25
T 26	0 18 19	2°40'31	25°35	28°26	5°15	3°14	10°31	18° 4	4°49	27° 1	16°41	24°D 5	24°18	23°29	8°38	T 26
W27	0 22 16	3°39'24	79 50	0 ჲ 15	6°30	3°55	10°43	18° 7	4°51	27° 2	16°41	24°R 5	24°15	23°36	8°42	W27
T 28	0 26 12	4°38'19	19°52	2° 4	7°45	4°36	10°54	18°11	4°53	27° 2	16°41	24° 4	24°12	23°42	8°47	T 28
F 29	0 30 9	5°37'17	1 Ω 45	3°52	9° 0	5°17	11° 6	18°14	4°55	27° 2	16°41	24° 1	24° 8	23°49	8°51	F 29
S 30	0 34 6	6 ₽ 36'16	13 Ω 34	5 ≙ 39	10 ≏ 14	5 M .58	11 M .18	18 7 18	4 ₹ 58	27°R 2	16 Ⅱ 40	23 х 56	24 ×7 5	23 N 56	8 才 56	S 30

Day	0	D	ğ	φ	♂	4	ħ)f(卉	Р	v v	Ç	ķ
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl decl	decl	decl lat
F 1 S 2	8n27 8 6		13n18 1s 13 26 0 4						22n 9 1s16 22 9 1 16		23 s25 23 s23 23 25 23 23		16 s44 4n52 16 44 4 52
S 3 M 4 T 5 W 6	7 44 7 22 6 59 6 37	7 47 4 26	13 29 On	5 9 54 1 23 1 9 27 1 23	7 8 0 10	12 48 0 58 12 51 0 58	21 35 1 16 21 35 1 16 21 35 1 15 21 36 1 15	20 55 0 5 20 55 0 5	22 9 1 16 22 9 1 16 22 9 1 16 22 9 1 16	13 11 9 39 13 11 9 39	23 25 23 23 23 24 23 22 23 24 23 22 23 24 23 22	10 28 10 26	16 46 4 51 16 46 4 51
T 7 F 8 S 9	6 15 5 52 5 30	6 24 4 57 10 58 4 40	13 13 0 2	9 8 31 1 24 2 8 2 1 24	7 54 0 8 8 10 0 7	12 58 0 58 13 1 0 57	21 36 1 15 21 36 1 15	20 56 0 5 20 56 0 5	22 9 1 16	13 10 9 40 13 10 9 40	23 23 23 22 23 23 23 22 23 23 23 22	10 20 10 18	16 48 4 51 16 49 4 50
S 10 M11 T 12 W13 T 14 F 15 S 16		21 27 2 34 23 7 1 32 23 31 0 22 22 32 0n50 20 6 2 1	12 0 1 1 11 34 1 2 11 5 1 2 10 34 1 3 10 0 1 4	1 6 7 1 25 8 5 38 1 25 5 5 8 1 25 0 4 39 1 25	8 56 0 5 9 11 0 4 9 27 0 4 9 42 0 3 9 57 0 2	13 12 0 57 13 16 0 57 13 19 0 57 13 23 0 56 13 26 0 56	21 37 1 14 21 38 1 14 21 38 1 14 21 39 1 14 21 39 1 14	20 57 0 5 20 57 0 5 20 57 0 5 20 57 0 5 20 58 0 5 20 58 0 5	5 22 9 1 16 5 22 9 1 16	13 10 9 40 13 9 9 41 13 9 9 41 13 9 9 41 13 9 9 41	23 22 23 22	10 10 10 7 10 5 10 2 10 0	
S 17 M18 T 19 W20 T 21 F 22 S 23	2 26 2 3 1 40 1 16 0 53 0 30 0 6	5 57 4 39 0n 1 4 58 5 56 4 57 11 24 4 35 16 6 3 56	7 24 1 5 6 41 1 5 5 58 1 5	9 3 9 1 24 0 2 39 1 23 0 2 9 1 23 0 1 39 1 22 9 1 9 1 22	10 42 0 0 10 57 0s 0 11 12 0 1 11 27 0 2 11 42 0 2	13 37 0 56 13 41 0 56 13 45 0 55 13 48 0 55 13 52 0 55	21 40 1 13 21 41 1 13	20 59 0 5 21 0 0 5 21 0 0 5 21 0 0 5	22 9 1 16 22 9 1 16 22 9 1 16 22 9 1 16 22 9 1 16	13 8 9 42 13 8 9 42 13 8 9 42 13 8 9 42 13 8 9 42	23 22 23 21 23 21 23 21 23 21 23 21 23 21 23 21 23 20 23 20 23 20 23 20 23 19 23 20	9 52 9 49 9 47 9 44 9 42	
S 24 M25 T 26 W27 T 28 F 29 S 30	0 s17 0 40 1 4 1 27 1 51 2 14 2 s37	23 20 0 58 23 15 0s 8 22 1 1 12 19 48 2 12	2 55 1 4 2 9 1 4 1 22 1 3 0 35 1 3 0 s12 1 2	3 0s23 1 19 0 0 53 1 18 6 1 24 1 18 2 1 54 1 17 7 2 25 1 16	12 26 0 4 12 41 0 5 12 55 0 6 13 9 0 6 13 24 0 7	14 3 0 55 14 7 0 55 14 11 0 54 14 15 0 54 14 19 0 54	21 44 1 11 21 44 1 11 21 45 1 11 21 45 1 11	21 1 0 5 21 2 0 5 21 2 0 5 21 3 0 5 21 3 0 5	22 9 1 17 22 9 1 17 22 9 1 17 22 9 1 17 22 9 1 17	13 7 9 43 13 6 9 43	23 19 23 20 23 19 23 20 23 19 23 20 23 19 23 20 23 19 23 19 23 19 23 19 23 19 23 19 23 19 23 19	9 34 9 31 9 29 9 26 9 23	17 2 4 46 17 3 4 45 17 4 4 45 17 5 4 45 17 6 4 45

Julian Day Number = 2414898.5, Delta T = -2.36 sec Ecliptic obliquity = $23^{\circ}27'08$, Nutation = $0^{\circ}00'18$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $23^{\circ}20'21$, Lahiri = $22^{\circ}27'21$

OCTOBER 1899 00:00 UT

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Day	Sid.t	0	D	ğ	φ	♂	4	ħ)∤(卉	В	u	Ω	Ç	o k	Day
S 1	0 38 2	7 ≏ 35'18	25 Ω 24	7 ≏ 26	11 ≏ 29	6 M 39	11 M 30	18 ~ 21	5 才 0	27°R 2	16°R40	23°R48	24 ×7 2	24⋒ 2	9 ∡ 7 0	S 1
M 2	0 41 59	8°34'23	7 m)18	9°12	12°44	7°20	11°42	18°25	5° 3	27 II 2	16∏40	23 × ⁷ 38	23°59	24° 9	9° 5	M 2
T 3	0 45 55	9°33'29	19°19	10°57	13°59	8° 1	11°54	18°29	5° 5	27° 2	16°39	23°25	23°56	24°16	9°10	T 3
W 4	0 49 52	10°32'38	1 ≏ 29	12°41	15°14	8°42	12° 6	18°33	5° 7	27° 1	16°39	23°12	23°52	24°23	9°15	W 4
T 5	0 53 48	11°31'48	13°48	14°24	16°29	9°24	12°18	18°37	5°10	27° 1	16°39	22°59	23°49	24°29	9°19	T 5
F 6	0 57 45	12°31'01	26°16	16° 6	17°44	10° 5	12°31	18°41	5°13	27° 1	16°38	22°47	23°46	24°36	9°24	F 6
S 7	1 141	13°30'16	8 M .56	17°48	18°59	10°46	12°43	18°45	5°15	27° 1	16°38	22°38	23°43	24°43	9°29	S 7
S 8	1 5 38	14°29'32	21°45	19°29	20°14	11°28	12°55	18°49	5°18	27° 1	16°37	22°31	23°40	24°49	9°35	S 8
M 9	1 9 34	15°28'51	4 ₹ 46	21° 9	21°29	12° 9	13° 8	18°54	5°20	27° 0	16°37	22°27	23°37	24°56	9°40	M 9
T 10	1 13 31	16°28'11	17°59	22°49	22°43	12°51	13°20	18°58	5°23	27° 0	16°36	22°D26	23°33	25° 3	9°45	T 10
W11	1 17 28	17°27'34	1 云 26	24°27	23°58	13°33	13°33	19° 3	5°26	27° 0	16°36	22°26	23°30	25° 9	9°50	W11
T 12	1 21 24	18°26'58	15° 9	26° 5	25°13	14°15	13°45	19° 7	5°29	26°59	16°35	22°R27	23°27	25°16	9°56	T 12
F 13	1 25 21	19°26'24	29° 7	27°42	26°28	14°56	13°58	19°12	5°31	26°59	16°35	22°26	23°24	25°23	10° 1	F 13
S 14	1 29 17	20°25'51	13≈22	29°19	27°43	15°38	14°10	19°16	5°34	26°59	16°34	22°24	23°21	25°30	10° 6	S 14
S 15	1 33 14	21°25'20	27°51	0 M .55	28°58	16°20	14°23	19°21	5°37	26°58	16°34	22°20	23°17	25°36	10°12	S 15
M16	1 37 10	22°24'51	12) (31	2°30	OM 13	17° 2	14°35	19°26	5°40	26°58	16°33	22°13	23°14	25°43	10°18	M16
T 17	141 7	23°24'24	27°16	4° 4	1°28	17°44	14°48	19°31	5°43	26°57	16°33	22° 4	23°11	25°50	10°23	T 17
W18	1 45 3	24°23'58	11 Y 57	5°38	2°43	18°26	15° 1	19°36	5°46	26°56	16°32	21°55	23° 8	25°56	10°29	W18
T 19	1 49 0	25°23'35	26°28	7°12	3°58	19° 9	15°14	19°41	5°49	26°56	16°31	21°46	23° 5	26° 3	10°35	T 19
F 20	1 52 57	26°23'13	10841	8°44	5°13	19°51	15°27	19°46	5°52	26°55	16°31	21°38	23° 2	26°10	10°40	F 20
S 21	1 56 53	27°22'54	24°31	10°16	6°28	20°33	15°39	19°51	5°55	26°55	16°30	21°33	22°58	26°17	10°46	S 21
S 22	2 0 50	28°22'37	7 Ⅱ 57	11°48	7°43	21°16	15°52	19°56	5°58	26°54	16°29	21°30	22°55	26°23	10°52	S 22
M23	2 4 46	29°22'22	20°57	13°19	8°58	21°58	16° 5	20° 1	6° 1	26°53	16°28	21°D29	22°52	26°30	10°58	M23
T 24	2 8 43	0M22'09	3934	14°49	10°13	22°41	16°18	20° 7	6° 4	26°52	16°28	21°30	22°49	26°37	11° 4	T 24
W25	2 12 39	1°21'59	15°53	16°19	11°28	23°23	16°31	20°12	6° 8	26°52	16°27	21°31	22°46	26°43	11°10	W25
T 26	2 16 36	2°21'50	27°57	17°48	12°43	24° 6	16°44	20°18	6°11	26°51	16°26	21°R32	22°43	26°50	11°16	T 26
F 27	2 20 32	3°21'44	9 £ 52	19°17	13°58	24°48	16°57	20°23	6°14	26°50	16°25	21°32	22°39	26°57	11°22	F 27
S 28	2 24 29	4°21'40	21°43	20°45	15°13	25°31	17°10	20°29	6°17	26°49	16°25	21°30	22°36	27° 3	11°28	S 28
S 29	2 28 26	5°21'39	3 m 35	22°12	16°28	26°14	17°23	20°34	6°20	26°48	16°24	21°26	22°33	27°10	11°35	S 29
M30	2 32 22	6°21'39	15°32	23°39	17°43	26°57	17°36	20°40	6°24	26°47	16°23	21°20	22°30	27°17	11°41	M30
T 31	2 36 19	7 M 21'41	27 m 38	25 M 6	18 M .58	27 M 40	17 M 50	20 ∡ 146	6 ₹ 27	26∏46	16 Ⅲ 22	21 × 13	22 × 27	27 \O 24	11 ∡ 747	T 31

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S 1	3 s 1		4 s 2 5	1 s46	1n18	3 s25		13 s52		14 s26		21 s46		21 s 4		22n 8		13n 6			23 s19			ln44
M 2	3 24		4 49	2 32	1 12	3 56	1 12	-		14 30		21 47	1 10			22 8					23 19	9 16		1 44
T 3	3 47		5 0	3 19	1 7	4 26		14 20		14 34		21 47	1 10	-		22 8	,		-		23 19		-, -, .	1 44
W 4	4 11		4 58	4 5	1 1	4 56	1 9			14 38		21 48	1 10			22 8					23 19		-,	1 44
T 5 F 6	4 34 4 57		4 42 4 12	4 50		5 26	1 8	-		14 41		21 48 21 49	1 10 1 10			22 8 22 8					23 18 23 18		-,	1 43 1 43
S 7		-	3 29	5 36 6 20	0 49 0 42	5 56 6 26		15 2 15 15		14 45 14 49		21 49	1 10			22 8					23 18			1 43
				0 20		0 20											1 17	13 3						43
S 8			2 35	7 5	0 36	6 56		15 29		14 53		21 50		21 7		22 8					23 18			4 4 3
M 9			1 33	7 48	0 29	7 25		15 42		14 57		21 50		21 8		22 8					23 18			42
T 10		-	0 24	8 32	0 23	7 55		15 55		15 1		21 51		21 8		22 8		_			23 18			42
W11 T 12			0n48	9 14	0 16	8 24		16 9	0 14	-		21 51		21 9		22 8		-			23 18		-, -,	42
F 13			1 58 3 2	9 56 10 38	0 9 0 2	8 53 9 22		16 22 16 35		15 8 15 12		21 52 21 52		21 9 21 10		22 8 22 8		13 4 13 4			23 17 23 17		-, -, .	42 42
S 14	7 59		-	10 38	0 s 5	9 50		16 47		15 16		21 52		21 10		22 8	1 17	-			23 17	-		1 42
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S 15	8 21			11 59		10 19	0 51			15 20		21 53		21 11		22 8	1 17				23 17	-	-,	41
M16	8 44			12 38		10 47		17 13		15 24	0 52		1 8			22 8					23 17			41
T 17	9 6	0.110.0		13 17		11 15		17 25		15 27	0 52		1 8			22 8					23 17		-, -,	41
W18 T 19	9 28 9 50			13 55 14 32		11 43 12 10		17 37 17 50		15 31 15 35		21 55 21 56	1 8 1 8			22 8 22 8		13 3 13 3			23 16 23 16		-, -,	41 41
F 20	,		3 21	-		12 10	0 44			15 39		21 56		21 13		22 8		13 3			23 16			41
S 21	-	-	-	15 44		12 37		18 14		15 43		21 57		21 13		22 8					23 16			41
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S 22				16 19		13 30		18 25		15 47		21 57		21 14		22 8	1 17	_			23 16	-		40
M23	-	-		16 53	-	13 56		18 37		15 50		21 58	1 7			22 7	1 17	13 2			23 16		-,	40
T 24				17 26		14 22		18 48		15 54		21 58		21 16		22 7	1 17	13 2			23 15		-, -, .	40
W25 T 26			-	17 59		14 48		19 0 19 11		15 58		21 59		21 16 21 17		22 7	1 18 1 18	-			23 15 23 15	-		1 40
F 27	12 18		3 4 3 51	18 30 19 1		15 13 15 37		19 11		16 2 16 6		21 59 22 0		21 17 21 17		22 7		-			23 15			40 40
S 28	12 59			19 1	-	16 2		19 22		16 9				21 17		22 7		_			23 15			1 40
S 29	13 19		-	19 59	-	16 26		19 44		16 13				21 18		22 7					23 15			40
M30	13 39			20 27		16 49		19 54		16 17	0 51			21 19		22 7					23 14			1 40
T 31	13 s59	3 s45	5 S 6	20 s53	1 s54	17s12	Un17	20 s 5	US26	16s21	Un5 l	22 s 2	In 6	21 s20	0n 4	22n 7	1818	13n 0	9s48	23 s10	23 s14	8n 0	17 s 36 4	ln39

Julian Day Number = 2414928.5, Delta T = -2.27 sec Ecliptic obliquity = $23^{\circ}27'08$, Nutation = $0^{\circ}00'17$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $23^{\circ}20'25$, Lahiri = $22^{\circ}27'25$

NOVEMBER 1899 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂	4	ħ)∤(卉	Р	n	v	Ç	, k	Day
W 1	2 40 15	8ML21'46	9 ჲ 56	26M31	20 M 13	28M23	18 M 3	20 × 351	6 ₮ 30	26°R45	16°R21	21°R 5	22 × 23	27 \O 30	11 × 754	W 1
T 2	2 44 12	9°21'52	22°26	27°56	21°28	29° 6	18°16	20°57	6°34	26∏44	16 II 20	20 х 57	22°20	27°37	12° 0	T 2
F 3	2 48 8	10°22'01	5 M .11	29°20	22°43	29°49	18°29	21° 3	6°37	26°43	16°19	20°50	22°17	27°44	12° 6	F 3
S 4	2 52 5	11°22'11	18°10	0 х 43	23°58	0 , ₹32	18°42	21° 9	6°41	26°42	16°19	20°44	22°14	27°50	12°13	S 4
S 5	2 56 1	12°22'23	1 ₹ 21	2° 6	25°13	1°16	18°55	21°15	6°44	26°41	16°18	20°40	22°11	27°57	12°19	S 5
M 6	2 59 58	13°22'37	14°45	3°27	26°28	1°59	19° 9	21°21	6°48	26°40	16°17	20°D39	22° 8	28° 4	12°26	M 6
T 7	3 3 55	14°22'53	28°19	4°48	27°43	2°42	19°22	21°27	6°51	26°39	16°16	20°39	22° 4	28°11	12°32	T 7
W 8	3 7 51	15°23'10	12중 4	6° 7	28°58	3°26	19°35	21°33	6°54	26°38	16°15	20°40	22° 1	28°17	12°39	W 8
T 9	3 11 48	16°23'28	25°57	7°25	0 ∡ 13	4° 9	19°48	21°40	6°58	26°36	16°14	20°42	21°58	28°24	12°46	T 9
F 10	3 15 44	17°23'48	9≈58	8°42	1°28	4°53	20° 2	21°46	7° 1	26°35	16°13	20°43	21°55	28°31	12°52	F 10
S 11	3 19 41	18°24'10	24° 7	9°57	2°43	5°36	20°15	21°52	7° 5	26°34	16°12	20°R43	21°52	28°37	12°59	S 11
S 12	3 23 37	19°24'32	8) (21	11°11	3°58	6°20	20°28	21°58	7° 9	26°33	16°11	20°41	21°49	28°44	13° 6	S 12
M13	3 27 34	20°24'56	22°38	12°23	5°13	7° 4	20°41	22° 5	7°12	26°31	16°10	20°39	21°45	28°51	13°13	M13
T 14	3 31 30	21°25'22	6 Y 55	13°32	6°28	7°48	20°55	22°11	7°16	26°30	16° 9	20°35	21°42	28°58	13°19	T 14
W15	3 35 27	22°25'48	21° 8	14°39	7°43	8°31	21° 8	22°18	7°19	26°29	16° 8	20°30	21°39	29° 4	13°26	W15
T 16	3 39 24	23°26'17	5 8 11	15°43	8°58	9°15	21°21	22°24	7°23	26°27	16° 7	20°26	21°36	29°11	13°33	T 16
F 17	3 43 20	24°26'46	19° 1	16°44	10°13	9°59	21°35	22°31	7°27	26°26	16° 6	20°23	21°33	29°18	13°40	F 17
S 18	3 47 17	25°27'18	2 II 34	17°42	11°28	10°43	21°48	22°37	7°30	26°25	16° 5	20°20	21°29	29°24	13°47	S 18
S 19	3 51 13	26°27'50	15°49	18°35	12°43	11°27	22° 1	22°44	7°34	26°23	16° 3	20°D19	21°26	29°31	13°54	S 19
M20	3 55 10	27°28'25	28°43	19°24	13°58	12°11	22°14	22°50	7°37	26°22	16° 2	20°19	21°23	29°38	14° 0	M20
T 21	3 59 6	28°29'01	119519	20° 8	15°13	12°56	22°28	22°57	7°41	26°20	16° 1	20°21	21°20	29°45	14° 7	T 21
W22	4 3 3	29°29'39	23°38	20°46	16°28	13°40	22°41	23° 4	7°45	26°19	16° 0	20°22	21°17	29°51	14°14	W22
T 23	4 6 59	0 ₮ 30'18	5 Ω 44	21°18	17°43	14°24	22°54	23°10	7°48	26°17	15°59	20°24	21°14	29°58	14°21	T 23
F 24	4 10 56	1°30'59	17°41	21°42	18°58	15° 9	23° 7	23°17	7°52	26°16	15°58	20°25	21°10	0 m 5	14°28	F 24
S 25	4 14 53	2°31'41	29°33	21°58	20°13	15°53	23°21	23°24	7°56	26°14	15°57	20°R26	21° 7	0°11	14°35	S 25
S 26	4 18 49	3°32'25	11 Mp 26	22°R 6	21°28	16°37	23°34	23°31	7°59	26°13	15°56	20°26	21° 4	0°18	14°42	S 26
M27	4 22 46	4°33'11	23°23	22° 4	22°43	17°22	23°47	23°37	8° 3	26°11	15°55	20°25	21° 1	0°25	14°49	M27
T 28	4 26 42	5°33'58	5 ₽ 31	21°51	23°58	18° 7	24° 0	23°44	8° 7	26°10	15°53	20°23	20°58	0°32	14°56	T 28
W29	4 30 39	6°34'47	17°51	21°28	25°13	18°51	24°13	23°51	8°10	26° 8	15°52	20°21	20°54	0°38	15° 3	W29
T 30	4 34 35	7 ₹ 35'37	0 M 29	20 х 54	26 ₹ 28	19 ∡ ³36	24M26	23 × 758	8 ~ 14	26 I 7	15 Ⅱ 51	20 х 19	20 × 751	0 m 45	15 ₹ 10	T 30

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	decl	decl lat	t	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	dec	l decl	decl	decl	lat
W 1	14 s18	8 s24	4 s 5 2	21 s19	1 s59	17s35	0n14	20 s15	0 s27	16s24	0n51	22 s 3	1n 6	21 s20	0n 4	1 22n 7	1 s18	13n 0	9 s48	23 s 9	9 23 s14	7n57	17s37	4n39
T 2	14 37	12 49 4	4 24	21 43	2 4	17 57	0 12	20 25	0 27	16 28	0 51	22 3	1 6	21 21	0 4	1 22 7	1 18	13 0	9 48	23	9 23 14	7 55	17 38	4 39
F 3	14 56	16 44 3	3 41	22 7	2 9	18 19	0 9	20 35	0 28	16 32	0 51	22 4	1 6	21 21	0 4	1 22 7	1 18	13 0	9 48	23 8	8 23 14	7 52	17 38	4 39
S 4	15 15	19 55 2	2 47	22 29	2 13	18 40	0 7	20 44	0 29	16 35	0 50	22 4	1 5	21 22	0 4	1 22 7	1 18	13 0	9 48	23	8 23 13	7 49	17 39	4 39
S 5	15 34	22 7 1	1 43	22 50	2 17	19 0	0 4	20 54	0 29	16 39	0 50	22 5	1 5	21 22	0 4	1 22 7	1 18	13 0	9 48	23	7 23 13	7 47	17 40	4 39
M 6	15 52	23 7 (0 32	23 10	2 21	19 21	0 2	21 3	0 30	16 43	0 50	22 5	1 5	21 23	0 4	1 22 7	1 18	12 59	9 48	23	7 23 13	7 44	17 41	4 39
T 7	16 10	22 45 (0n42	23 29	2 25	19 40	0s 0	21 12	0 30	16 46	0 50	22 6	1 5	21 24	0 4	1 22 7	1 18	12 59	9 48	23	7 23 13	7 42	17 42	4 39
W 8	16 27	21 1 1	1 54	23 46	2 28	19 59		21 21	0 31	16 50	0 50	22 6	1 5			1 22 7	1 18	12 59	9 48	23	7 23 13	7 39	17 43	4 39
T 9	16 45			24 3	2 31			21 30						21 25		1 22 7			9 48		8 23 12		17 44	4 39
F 10				24 17	2 33					16 57	0 50			21 25		1 22 7			9 48		8 23 12		17 45	4 39
S 11	17 19	9 5 4	4 40	24 31	2 35	20 53	0 10	21 47	0 32	17 1	0 50	22 8	1 5	21 26	0 4	1 22 7	1 18	12 59	9 48	23 8	8 23 12	7 31	17 45	4 39
S 12	17 35			24 43		21 10		21 55	0 33				1 4	21 27		1 22 6		12 59			7 23 12		17 46	4 39
M13	17 52		-	24 54	2 38	_	0 15	-	0 34		0 50	-	1 4			1 22 6			9 49		7 23 12		17 47	4 39
T 14	18 8			25 3		21 42		22 11		17 12	0 50	-	1 4			1 22 6	1 18		9 49		7 23 12			4 39
W15	-			25 11		21 57		22 18		17 15	0 50		1 4				1 18		9 49		7 23 11		17 49	4 39
T 16			-	25 18	2 37			22 26		17 19	0 50	-	1 4			1 22 6	1 18		9 49		6 23 11		17 49	4 39
F 17	18 54			25 23		22 25		22 33		17 22		22 11	1 4			22 6	1 18		9 49		6 23 11		17 50	4 39
S 18	19 8	22 15 1	1 36	25 26	2 34	22 38	0 28	22 40	0 36	17 26	0 50	22 11	1 4	21 30	0 4	1 22 6	1 18	12 58	9 49	23 (6 23 11	7 13	17 51	4 39
S 19	19 22			25 27	2 30			22 46		17 29		22 12		21 31		1 22 6		12 57	9 49		6 23 11		17 52	4 39
M20				25 27	2 26	_		22 53		17 32	0 50					1 22 6			9 49		6 23 10		17 53	4 39
T 21	19 50			25 26	2 21			22 59		17 36		22 12		21 32		1 22 6			9 49		6 23 10		17 53	4 39
W22				25 22		23 23	0 37			17 39		22 13	1 3			22 6			9 49		6 23 10		17 54	4 39
T 23				25 17	2 7			23 11		17 43		22 13	1 3			1 22 6			9 49		6 23 10		17 55	4 39
F 24			-	25 10	1 58			23 16		17 46	0 49		1 3	_		1 22 6	1 18		9 49		6 23 9		17 56	4 39
S 25	20 41	7 1 4	4 55	25 1	1 48	23 50		23 22		17 49	0 49	22 14		21 34		1 22 6	1 18		9 49		6 23 9	6 54	17 56	4 39
S 26	20 52		-	24 50		23 57		23 27		17 53	-	22 15		21 35		1 22 6		12 57	9 49		6 23 9		17 57	4 39
M27	21 4			24 37	1 24				0 41	17 56	0 49		1 3			1 22 6			9 49		6 23 9		17 58	4 39
	21 15			24 21	1 9			23 36				22 16		21 36		1 22 6			9 49		6 23 9		17 58	4 39
W29	-	-	4 40			24 16		23 41	0 42		-	22 16	-	21 37		1 22 6			9 49		6 23 8		17 59	4 40
T 30	21 s35	15 s25	4s 2	23 s45	0s36	24 s 20	0s56	23 s45	0 s42	18s 6	0n49	22 s 1 6	1n 3	21 s37	0n 4	22n 6	1 s18	12n56	9 s49	23 s (6 23 s 8	6n41	18s 0	4n40

Julian Day Number = 2414959.5, Delta T = -2.18 sec Ecliptic obliquity = $23^{\circ}27'07$, Nutation = $0^{\circ}00'16$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $23^{\circ}20'29$, Lahiri = $22^{\circ}27'30$

DECEMBER 1899 00:00 UT

Day	Sid.t	0	D	ğ	Ş	♂	4	ħ)Å(卉	В	S.	v	Ç	ķ	Day
F 1	4 38 32	8 ∡ ³36'28	13 M 25	20°R 9	27 × 743	20 × 21	24M40	24 × 7 5	8 7 18	26°R 5	15°R50	20°R17	20 ∡ 48	0 m 52	15 √ 17	F 1
S 2	4 42 28	9°37'21	26°40	19 × 13	28°58	21° 5	24°53	24°12	8°22	26耳 3	15 Ⅱ 49	20 ∡ 16	20°45	0°58	15°25	S 2
S 3	4 46 25	10°38'15	10 × 13	18° 8	0 궁 13	21°50	25° 6	24°19	8°25	26° 2	15°48	20°15	20°42	1° 5	15°32	S 3
M 4	4 50 22	11°39'10	24° 3	16°55	1°28	22°35	25°19	24°26	8°29	26° 0	15°47	20°D15	20°39	1°12	15°39	M 4
T 5	4 54 18	12°40'07	8중 6	15°36	2°43	23°20	25°32	24°33	8°33	25°59	15°45	20°15	20°35	1°19	15°46	T 5
W 6	4 58 15	13°41'04	22°18	14°14	3°58	24° 5	25°45	24°40	8°36	25°57	15°44	20°16	20°32	1°25	15°53	W 6
T 7	5 2 11	14°42'01	6≈35	12°51	5°13	24°50	25°58	24°47	8°40	25°55	15°43	20°17	20°29	1°32	16° 0	T 7
F 8	5 6 8	15°43'00	20°54	11°30	6°28	25°35	26°11	24°54	8°44	25°54	15°42	20°17	20°26	1°39	16° 7	F 8
S 9	5 10 4	16°43'59	5 ₩ 10	10°14	7°43	26°21	26°24	25° 1	8°47	25°52	15°41	20°17	20°23	1°45	16°14	S 9
S 10	5 14 1	17°44'58	19°22	9° 6	8°58	27° 6	26°36	25° 8	8°51	25°50	15°40	20°R17	20°20	1°52	16°21	S 10
M11	5 17 57	18°45'59	3 ℃ 27	8° 6	10°12	27°51	26°49	25°15	8°55	25°49	15°38	20°17	20°16	1°59	16°28	M11
T 12	5 21 54	19°46'59	17°22	7°17	11°27	28°36	27° 2	25°22	8°58	25°47	15°37	20°D17	20°13	2° 6	16°35	T 12
W13	5 25 51	20°48'00	18 8	6°38	12°42	2 <u>9</u> °22	27°15	25°29	9° 2	25°45	15°36	20°17	20°10	2°12	16°42	W13
T 14	5 29 47	21°49'02	14°42	6°11	13°57	0중 7	27°28	25°36	9° 6	25°43	15°35	20°17	20° 7	2°19	16°49	T 14
F 15	5 33 44	22°50'04	28° 4	5°55	15°12	0°53	27°40	25°43	9° 9	25°42	15°34	20°18	20° 4	2°26	16°56	F 15
S 16	5 37 40	23°51'07	11 I I13	5°D49	16°27	1°38	27°53	25°50	9°13	25°40	15°33	20°18	20° 1	2°32	17° 3	S 16
S 17	5 41 37	24°52'11	24° 8	5°54	17°42	2°24	28° 5	25°57	9°16	25°38	15°32	20°R18	19°57	2°39	17°10	S 17
M18	5 45 33	25°53'15	69648	6° 7	18°56	3° 9	28°18	26° 4	9°20	25°37	15°30	20°18	19°54	2°46	17°17	M18
T 19	5 49 30	26°54'19	19°16	6°30	20°11	3°55	28°30	26°11	9°23	25°35	15°29	20°17	19°51	2°53	17°24	T 19
W20	5 53 27	27°55'25	1 Q 31	6°59	21°26	4°40	28°43	26°18	9°27	25°33	15°28	20°16	19°48	2°59	17°31	W20
T 21	5 57 23	28°56'30	13°35	7°36	22°41	5°26	28°55	26°26	9°31	25°32	15°27	20°15	19°45	3° 6	17°38	T 21
F 22	6 1 20	29°57'37	25°32	8°18	23°56	6°12	29° 8	26°33	9°34	25°30	15°26	20°14	19°41	3°13	17°45	F 22
S 23	6 5 16	0 궁 58'44	7 m 24	9° 7	25°10	6°58	29°20	26°40	9°38	25°28	15°25	20°12	19°38	3°19	17°52	S 23
S 24	6 9 13	1°59'52	19°16	9°59	26°25	7°44	29°32	26°47	9°41	25°26	15°24	20°11	19°35	3°26	17°59	S 24
M25	6 13 9	3° 1'00	1 ≏ 12	10°56	27°40	8°30	29°44	26°54	9°45	25°25	15°23	20°D11	19°32	3°33	18° 6	M25
T 26	6 17 6	4° 2'09	13°17	11°57	28°55	9°15	29°57	27° 1	9°48	25°23	15°21	20°11	19°29	3°40	18°13	T 26
W27	6 21 2	5° 3'18	25°35	13° 1	0≈ 9	10° 1	0 ∡ 9	27° 8	9°51	25°21	15°20	20°12	19°26	3°46	18°20	W27
T 28	6 24 59	6° 4'28	8 M .11	14° 9	1°24	10°47	0°21	27°15	9°55	25°20	15°19	20°13	19°22	3°53	18°27	T 28
F 29	6 28 55	7° 5'39	21° 9	15°18	2°39	11°34	0°33	27°22	9°58	25°18	15°18	20°15	19°19	4° 0	18°33	F 29
S 30	6 32 52	8° 6'50	4 ₹ 30	16°30	3°53	12°20	0°45	27°29	10° 2	25°16	15°17	20°16	19°16	4° 7	18°40	S 30
S 31	6 36 49	98 8'01	18 ∡ 16	17 ∡ 744	5≈ 8	13 ප 6	0 ∡ 756	27 ∡ 736	10 ∡ 5	25 Ⅱ 15	15 Ⅱ 16	20°R16	19 × 13	4 m 13	18 ∡ 747	S 31

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	decl	decl lat	decl	lat decl	lat decl	lat	decl	lat	decl	lat	decl	lat	decl lat	decl lat	decl	decl	decl	decl lat
F 1 S 2	21 s45 21 54		23 s23 22 59		0 s 5 8 2 3 s 4 9 1 0 2 3 5 2		18s 9 18 12	0n49 0 49	22 s17 22 17		21 s38 21 39				19 23 s 6 19 23 6	23 s 8 23 8	6n39 6 36	18s 0 4n40 18 1 4 40
S 3 M 4 T 5 W 6 T 7	22 12	22 58 0n21 21 35 1 37 18 50 2 49	22 34 22 6 21 38 21 10 20 42	0 42 24 31 1 2 24 32 1 22 24 32	1 2 23 56 1 4 23 59 1 6 24 2 1 8 24 4 1 10 24 7	0 44 0 45 0 45	18 19 18 22 18 25	0 49 0 49 0 49	22 17 22 18 22 18 22 19 22 19	1 2 1 2	21 39 21 40 21 40 21 41 21 42	0 4 0 4 0 4	22 5 1 18 22 5 1 18 22 5 1 18 22 5 1 18 22 5 1 18	12 56 9 12 56 9 12 56 9	49 23 6 49 23 6 49 23 6	23 8 23 7 23 7 23 7 23 7	6 28 6 26	18 2 4 40 18 3 4 40
F 8 S 9	22 41 22 47	10 10 4 37 4 52 5 6	20 15 19 50		1 12 24 9 1 14 24 10		18 31 18 34		22 19 22 20	1 2 1 2	21 42 21 43		22 5 1 18 22 5 1 18			23 6 23 6	6 20 6 18	
S 10 M11 T 12 W13 T 14 F 15 S 16	23 15	6 6 5 9 11 10 4 43 15 37 4 0 19 12 3 5 21 42 2 0	19 27 19 8 18 52 18 41 18 33 18 28 18 27	2 34 24 21 2 42 24 16 2 48 24 11 2 51 24 5 2 53 23 59	1 16 24 12 1 18 24 13 1 19 24 14 1 21 24 15 1 23 24 16 1 24 24 16 1 26 24 16	0 47 0 48 0 48 0 49 0 49	18 37 18 40 18 43 18 46 18 49 18 51 18 54	0 49 0 49 0 49 0 49 0 49	22 20 22 20 22 21 22 21 22 21 22 22 22 22	1 2	21 44	0 4 0 4 0 4 0 4 0 4	22 5 1 18 22 5 1 18	12 55 9 12 55 9 12 55 9 12 55 9 12 55 9	49 23 6 49 23 6 48 23 6 48 23 6 48 23 6	23 6 23 6 23 5 23 5 23 5 23 5 23 5	6 15 6 12 6 10 6 7 6 5 6 2 5 59	18 6 4 41 18 7 4 41 18 7 4 41 18 8 4 42 18 8 4 42
S 17 M18 T 19 W20 T 21 F 22 S 23	23 23	21 46 1 30 19 32 2 34 16 26 3 29 12 41 4 14 8 30 4 48	18 42 18 52	2 48 23 34 2 44 23 25 2 39 23 14 2 34 23 3	1 27 24 16 1 28 24 15 1 30 24 14 1 31 24 13 1 32 24 12 1 33 24 10 1 34 24 8	0 50 0 51 0 51 0 51 0 52	19 3	0 49 0 49 0 49 0 49 0 49	22 22 22 22 22 23 22 23 22 23 22 23 22 24		21 47 21 48 21 48 21 49 21 49 21 50 21 51	0 4 0 4 0 4 0 4 0 4	22 5 1 18 22 5 1 18 22 5 1 18 22 4 1 18 22 4 1 18 22 4 1 18 22 4 1 18	12 55 9 12 55 9 12 55 9 12 55 9 12 55 9	48 23 6 48 23 6 48 23 6 48 23 6 48 23 5	23 4 23 4 23 4 23 4 23 3 23 3 23 3	5 51 5 49 5 46 5 44	18 9 4 42 18 10 4 42 18 10 4 43 18 10 4 43 18 11 4 43 18 11 4 43 18 12 4 44
W27 T 28 F 29 S 30	23 19 23 16 23 12	5 14 5 11 9 43 4 51 13 54 4 18 17 35 3 32 20 32 2 34 22 28 1 26	20 17 20 34 20 50	2 6 22 13 1 58 21 58 1 50 21 43 1 41 21 28 1 33 21 12 1 25 20 55	1 35 24 6 1 36 24 4 1 37 24 1 1 38 23 58 1 39 23 55 1 39 23 51 1 40 23 47 1 s41 23 s43	0 53 0 53 0 54 0 54 0 54 0 55	19 16 19 19 19 21 19 24 19 26 19 29 19 31 19s34	0 49 0 49 0 49 0 49 0 49 0 49	22 24 22 24 22 24 22 25 22 25 22 25 22 25 22 25 22 25	1 1 1 1 1 1 1 1 1 1 1 1	21 51 21 52 21 52 21 53 21 53 21 54 21 54 21 s55	0 4 0 4 0 4 0 4 0 4	22 4 1 18 22 4 1 18	12 55 9 12 55 9 12 55 9 12 55 9 12 55 9 12 55 9	47 23 5 47 23 5 47 23 5 47 23 5 47 23 6	23 3 23 2 23 2 23 2 23 2 23 1 23 1 23 s 1	5 36 5 33 5 30 5 28 5 25 5 23	18 12 4 44 18 12 4 44 18 13 4 44 18 13 4 45 18 13 4 45 18 13 4 45 18 14 4 45 18 14 4 45

 $\label{eq:Julian Day Number = 2414989.5, Delta T = -2.09 sec} \\ Ecliptic obliquity = 23°27'06, Nutation = 0°00'16, out-of-bounds declination in red$