

Astrodienst Ephemeris Tables for the year 1937

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 1937 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂	4	ħ)∤(¥	Р	R	ລ	Ç	ę,	Day
F 1	6 40 54	10ප10'11	29⋒ 3	29る29	24≈ 4	27 ₽ 21	6 ප 46	17) (21	5°R42	18°R56	28°R 1	24°R12	23 × 33	10 M 1	19°R25	F 1
S 2	6 44 51	11°11'20	11 m 54	0≈12	25°14	27°54	6°59	17°25	5 8 41	18 m 56	279559	24 × 10	23°29	10° 8	19 Ⅲ 21	S 2
S 3	6 48 48	12°12'30	24°25	0°47	26°23	28°26	7°13	17°30	5°40	18°55	27°58	24° 8	23°26	10°15	19°18	S 3
M 4	6 52 44	13°13'39	6 ॒ 38	1°12	27°32	28°59	7°27	17°34	5°40	18°55	27°57	24° 7	23°23	10°21	19°14	M 4
T 5	6 56 41	14°14'49	18°38	1°28	28°42	29°32	7°41	17°39	5°39	18°54	27°56	24°D 7	23°20	10°28	19°11	T 5
W 6	7 0 37	15°15'59	0 M .31	1°R32	29°51	OM 5	7°55	17°43	5°39	18°54	27°54	24° 8	23°17	10°35	19° 8	W 6
T 7	7 4 34	16°17'09	12°20	1°26	0 ∺ 59	0°37	8° 8	17°48	5°38	18°53	27°53	24° 9	23°14	10°41	19° 5	T 7
F 8	7 8 30	17°18'19	24°11	1° 7	2° 8	1° 9	8°22	17°53	5°38	18°53	27°52	24°11	23°10	10°48	19° 2	F 8
S 9	7 12 27	18°19'30	6 ₹ 8	0°37	3°17	1°42	8°36	17°58	5°38	18°52	27°50	24°13	23° 7	10°55	18°59	S 9
S 10	7 16 23	19°20'40	18°15	29 궁 55	4°25	2°14	8°50	18° 3	5°38	18°52	27°49	24°R14	23° 4	11° 1	18°55	S 10
M11	7 20 20	20°21'50	0 云 35	29° 3	5°33	2°46	9° 3	18° 8	5°37	18°51	27°48	24°14	23° 1	11°8	18°52	M11
T 12	7 24 17	21°23'00	13° 9	28° 1	6°41	3°18	9°17	18°13	5°37	18°50	27°47	24°13	22°58	11°15	18°50	T 12
W13	7 28 13	22°24'09	25°59	26°51	7°49	3°50	9°31	18°18	5°37	18°49	27°45	24°10	22°54	11°21	18°47	W13
T 14	7 32 10	23°25'18	9≈ 5	25°36	8°57	4°22	9°45	18°23	5°D37	18°49	27°44	24° 6	22°51	11°28	18°44	T 14
F 15	7 36 6	24°26'27	22°25	24°18	10° 4	4°53	9°58	18°28	5°37	18°48	27°43	24° 1	22°48	11°35	18°41	F 15
S 16	7 40 3	25°27'35	5 ¥ 58	22°59	11°11	5°25	10°12	18°34	5°37	18°47	27°41	23°55	22°45	11°41	18°38	S 16
S 17	7 43 59	26°28'42	19°43	21°42	12°18	5°56	10°25	18°39	5°37	18°46	27°40	23°51	22°42	11°48	18°35	S 17
M18	7 47 56	27°29'48	3 Υ 36	20°29	13°25	6°27	10°39	18°45	5°38	18°45	27°39	23°47	22°39	11°55	18°33	M18
T 19	7 51 52	28°30'54	17°36	19°22	14°31	6°58	10°53	18°50	5°38	18°44	27°37	23°45	22°35	12° 1	18°30	T 19
W20	7 55 49	29°31'58	1842	18°22	15°38	7°29	11° 6	18°56	5°38	18°43	27°36	23°D44	22°32	12° 8	18°28	W20
T 21	7 59 46	0≈33'02	15°52	17°30	16°44	8° 0	11°20	19° 2	5°39	18°42	27°35	23°45	22°29	12°15	18°25	T 21
F 22	8 3 42	1°34'05	0 Ⅱ 4	16°47	17°49	8°31	11°33	19° 7	5°39	18°41	27°33	23°47	22°26	12°21	18°23	F 22
S 23	8 7 39	2°35'06	14°16	16°14	18°55	9° 2	11°46	19°13	5°39	18°40	27°32	23°48	22°23	12°28	18°21	S 23
S 24	8 11 35	3°36'07	28°27	15°49	20° 0	9°32	12° 0	19°19	5°40	18°39	27°31	23°R48	22°20	12°35	18°18	S 24
M25	8 15 32	4°37'07	12932	15°34	21° 5	10° 2	12°13	19°25	5°40	18°38	27°29	23°47	22°16	12°41	18°16	M25
T 26	8 19 28	5°38'06	26°28	15°D27	22° 9	10°33	12°26	19°31	5°41	18°37	27°28	23°43	22°13	12°48	18°14	T 26
W27	8 23 25	6°39'04	10Ω12	15°28	23°14	11° 3	12°40	19°37	5°42	18°36	27°27	23°37	22°10	12°55	18°12	W27
T 28	8 27 21	7°40'00	23°39	15°37	24°18	11°32	12°53	19°43	5°42	18°35	27°25	23°30	22° 7	13° 1	18°10	T 28
F 29	8 31 18	8°40'56	6 Mp 48	15°53	25°21	12° 2	13° 6	19°49	5°43	18°34	27°24	23°22	22° 4	13° 8	18° 8	F 29
S 30	8 35 15	9°41'51	19°38	16°15	26°25	12°32	13°19	19°56	5°44	18°33	27°23	23°13	22° 0	13°15	18° 6	S 30
S 31	8 39 11	10≈42'46	2 ჲ 10	16 පි 43	27) 28	13 M 1	13 る 32	20 ∺ 2	5 8 45	18 m 31	279521	23 ∡ 6	21 ×7 57	13 M 22	18 I I 4	S 31

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F 1 S 2	23 s 3 22 59		5 21 s 2 0 s 4 2 0 3 9 0 3	17 15 s 7 1 s 4 3 3 1 4 4 2 1 4 0		23 s12 On 4 23 12 O 4		12n59 0s28 12 59 0 27			23 s19 23 s17 23 19 23 17		
S 3 M 4 T 5 W 6 T 7 F 8 S 9 S 10 M11	22 27 22 20 22 12 22 3	7 21 5 9 11 44 4 48 15 38 4 15 18 53 3 31 21 23 2 38 22 57 1 38	19 57 0 19 37 0n1 19 19 0 3 19 2 0 5 18 48 1 18 35 1 2	32 12 55 1 29 50 12 28 1 26 9 12 0 1 23 18 11 32 1 19 17 11 4 1 16	9 29 1 33 9 41 1 33 9 52 1 33 10 3 1 33 10 15 1 33 10 26 1 33 10 37 1 33 10 48 1 33 10 59 1 33	23 10 0 4 23 9 0 4 23 8 0 4 23 7 0 4 23 7 0 4 23 6 0 3	6 51 2 4 6 49 2 4 6 47 2 4 6 45 2 4 6 43 2 4 6 41 2 3 6 39 2 3 6 37 2 3 6 35 2 3	12 59 0 27 12 58 0 27 12 58 0 27	5 23 1 4	23 5 2 33 23 5 2 33 23 6 2 34 23 6 2 34 23 7 2 34 23 7 2 34	23 19 23 17 23 19 23 17 23 19 23 17 23 19 23 16 23 19 23 16	7 18 16 7 18 17 7 18 19 5 18 20 5 18 22 5 18 23	17 8 5 54 17 8 5 53 17 8 5 53
S 16	21 14 21 3	18 15 2 45 14 26 3 41 9 51 4 26 4 43 4 57	2 18 14 2 2 3 18 12 2 3 18 12 2 5 18 13 3 7 18 17 3 1	39 9 38 1 5 33 9 9 1 1 5 8 40 0 57 5 8 11 0 52	11 10 1 33 11 21 1 33 11 31 1 33 11 42 1 33 11 52 1 33	23 3 0 3 23 2 0 3 23 1 0 3 23 0 0 3	6 31 2 3 6 29 2 3 6 26 2 3 6 24 2 2	12 58 0 27 12 58 0 27 12 58 0 27 12 58 0 27 12 58 0 27	5 24 1 4 5 24 1 4 5 25 1 4 5 25 1 4 5 25 1 4	23 8 2 34 23 8 2 34 23 9 2 34 23 9 2 34	23 19 23 16 23 19 23 15 23 19 23 15 23 19 23 15 23 18 23 15	5 18 29 5 18 31 5 18 32 5 18 34	17 7 5 52 17 7 5 52 17 7 5 52 17 7 5 52 17 7 5 52
S 17 M18 T 19 W20 T 21 F 22 S 23	20 15 20 2 19 49	6 8 5 8 11 18 4 46 15 55 4 6 19 39 3 12 22 13 2 6	18 22 3 2 8 18 29 3 2 5 18 36 3 2 5 18 45 3 2 2 18 54 3 2 5 19 3 3 2 2 19 13 3 1	27 7 12 0 44 29 6 42 0 39 29 6 12 0 35 26 5 42 0 30 22 5 12 0 25	12 13 1 33 12 23 1 33 12 33 1 33 12 43 1 33 12 53 1 32	23 0 0 3 22 59 0 3 22 58 0 3 22 57 0 2 22 55 0 2 22 54 0 2 22 53 0 2	6 20 2 2 6 17 2 2 6 15 2 2 6 13 2 2 6 10 2 2	12 59 0 27 12 59 0 27	5 26 1 4 5 27 1 4 5 27 1 4 5 27 1 4 5 28 1 4	23 10 2 34 23 10 2 35 23 10 2 35 23 11 2 35 23 11 2 35	23 18 23 15 23 18 23 15 23 18 23 14 23 18 23 14 23 18 23 14 23 18 23 14 23 18 23 14	18 37 18 38 1 18 40 1 18 41 1 18 42	17 7 5 51 17 7 5 51 17 7 5 51 17 7 5 51 17 7 5 50
S 24 M25 T 26 W27 T 28 F 29 S 30 S 31	19 21 19 7 18 52 18 37 18 22 18 6 17 50 17 s33	21 12 1 40 18 7 2 48 14 5 3 45 9 25 4 28 4 26 4 55 0s37 5 7	19 32 3 19 42 2 5 19 51 2 4 20 1 2 3	1 3 41 0 10 52 3 11 0 5 13 2 41 0n 1 52 2 10 0 6 22 1 40 0 12 1 1 10 0 17	13 22 1 32 13 32 1 32 13 41 1 32 13 50 1 32 14 0 1 32 14 9 1 32	22 52 0 2 22 51 0 2 22 50 0 2 22 49 0 2 22 48 0 2 22 46 0 2 22 45 0 2 22 2544 0n 1	6 3 2 1 6 1 2 1 5 58 2 1 5 56 2 1 5 53 2 1 5 51 2 1	13 0 0 27 13 0 0 27 13 0 0 27 13 0 0 27 13 1 0 27 13 1 0 27 13 1 0 27 13 1 0 27	5 29 1 5 5 30 1 5 5 30 1 5 5 31 1 5 5 31 1 5	23 12 2 35 23 12 2 35 23 13 2 35 23 13 2 35 23 13 2 35 23 14 2 35	23 18 23 13 23 18 23 13 23 18 23 13 23 18 23 13 23 17 23 13 23 17 23 13 23 16 23 12 23 s16 23 s12	3 18 47 3 18 48 3 18 49 3 18 51 3 18 52 2 18 54	17 7 5 50 17 7 5 49 17 7 5 49 17 8 5 49 17 8 5 49 17 8 5 48

 $\label{eq:Julian Day Number = 2428534.5, Delta T = 24.04 sec} \\ Ecliptic obliquity = 23°26'49, Nutation = 0°00'18, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 23°51'37, Lahiri = 22°58'38 \\$

FEBRUARY 1937 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	4	ħ)∤(并	В	u	Ω	Ç	§.	Day
M 1	8 43 8	11≈43'39	14 ♀ 24	17 云 17	28) 30	13 M .31	13 る 45	20 ∺ 8	5 8 46	18°R30	27°R20	23°R 0	21 √ 54	13 M 28	18°R 2	M 1
T 2	8 47 4	12°44'32	26°26	17°55	29°32	14° 0	13°58	20°15	5°47	18 m 29	279519	22 × 756	21°51	13°35	18 I 1	T 2
W 3	8 51 1	13°45'24	8 M .19	18°38	0 Υ 34	14°29	14°11	20°21	5°48	18°28	27°18	22°55	21°48	13°42	17°59	W 3
T 4	8 54 57	14°46'15	20° 9	19°26	1°36	14°57	14°24	20°27	5°49	18°26	27°16	22°D55	21°45	13°48	17°58	T 4
F 5	8 58 54	15°47'05	1 才 59	20°16	2°37	15°26	14°37	20°34	5°50	18°25	27°15	22°56	21°41	13°55	17°56	F 5
S 6	9 2 50	16°47'54	13°57	21°11	3°38	15°54	14°50	20°41	5°51	18°24	27°14	22°57	21°38	14° 2	17°55	S 6
S 7	9 6 47	17°48'42	26° 7	22° 8	4°38	16°23	15° 3	20°47	5°52	18°22	27°13	22°R57	21°35	14° 8	17°54	S 7
M 8	9 10 44	18°49'30	8 云 33	23° 8	5°38	16°51	15°16	20°54	5°54	18°21	27°11	22°56	21°32	14°15	17°52	M 8
T 9	9 14 40	19°50'16	21°18	24°11	6°37	17°19	15°28	21° 0	5°55	18°19	27°10	22°52	21°29	14°22	17°51	T 9
W10	9 18 37	20°51'01	4≈24	25°17	7°36	17°46	15°41	21° 7	5°56	18°18	27° 9	22°46	21°26	14°28	17°50	W10
T 11	9 22 33	21°51'44	17°52	26°24	8°34	18°14	15°53	21°14	5°58	18°17	27° 8	22°37	21°22	14°35	17°49	T 11
F 12	9 26 30	22°52'26	1 米 39	27°34	9°32	18°41	16° 6	21°21	5°59	18°15	27° 7	22°27	21°19	14°42	17°48	F 12
S 13	9 30 26	23°53'07	15°41	28°45	10°29	19° 8	16°18	21°28	6° 1	18°14	27° 5	22°17	21°16	14°48	17°47	S 13
S 14	9 34 23	24°53'46	29°53	29°59	11°26	19°35	16°30	21°35	6° 2	18°12	27° 4	22° 7	21°13	14°55	17°47	S 14
M15	9 38 19	25°54'24	14 Y 10	1≈14	12°22	20° 1	16°43	21°42	6° 4	18°11	27° 3	21°58	21°10	15° 2	17°46	M15
T 16	9 42 16	26°55'00	28°28	2°30	13°18	20°28	16°55	21°48	6° 6	18° 9	27° 2	21°53	21° 6	15° 8	17°45	T 16
W17	9 46 13	27°55'34	12843	3°48	14°13	20°54	17° 7	21°55	6° 7	18° 8	27° 1	21°50	21° 3	15°15	17°45	W17
T 18	9 50 9	28°56'06	26°51	5° 8	15° 7	21°20	17°19	22° 2	6° 9	18° 6	27° 0	21°D49	21° 0	15°22	17°44	T 18
F 19	9 54 6	29°56'37	10耳53	6°29	16° 1	21°45	17°31	22°10	6°11	18° 4	26°59	21°49	20°57	15°28	17°44	F 19
S 20	9 58 2	0 ¥ 57'05	24°47	7°51	16°54	22°11	17°43	22°17	6°13	18° 3	26°58	21°R49	20°54	15°35	17°44	S 20
S 21	10 1 59	1°57'32	8933	9°14	17°46	22°36	17°55	22°24	6°14	18° 1	26°57	21°48	20°51	15°42	17°44	S 21
M22	10 5 55	2°57'57	22°12	10°39	18°38	23° 1	18° 7	22°31	6°16	18° 0	26°55	21°45	20°47	15°48	17°44	M22
T 23	10 9 52	3°58'20	5 Ω 41	12° 5	19°29	23°25	18°18	22°38	6°18	17°58	26°54	21°38	20°44	15°55	17°D44	T 23
W24	10 13 48	4°58'41	19° 1	13°32	20°19	23°50	18°30	22°45	6°20	17°57	26°53	21°29	20°41	16° 2	17°44	W24
T 25	10 17 45	5°59'00	2Mp 8	15° 0	21° 8	24°14	18°41	22°52	6°22	17°55	26°52	21°17	20°38	16° 8	17°44	T 25
F 26	10 21 42	6°59'18	15° 2	16°29	21°56	24°38	18°53	23° 0	6°24	17°53	26°51	21° 4	20°35	16°15	17°44	F 26
S 27	10 25 38	7°59'33	27°41	17°59	22°44	25° 1	19° 4	23° 7	6°27	17°52	26°50	20°51	20°31	16°22	17°44	S 27
S 28	10 29 35	8 ¥ 59'47	10 ♀ 6	19 ≈ 31	23 Y 30	25 M 25	19 궁 16	23) 14	6 8 29	17 m /50	26950	20 х 39	20 × 28	16 M 28	17 Ⅱ 45	S 28

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M 1	17 s17	10s 5	4 s47	20 s32	1n49	0s 9	0n29	14 s27	1n32	22 s43	0n 1	5 s45	2 s 1	13n 2	0 s27	5n33	1n 5	23n14	2n35	23 s16	23 s12	18 s 5 6	17n 8 5	s48
T 2	16 59	14 12	4 17	20 38	1 38	0n21	0 35	14 35	1 31	22 42	0 1	5 43	2 1	13 2	0 27	5 33	1 5	23 15	2 35	23 16	23 12	18 58	17 8 5	48
W 3	16 42	17 42	3 37	20 43	1 27	0 51	0 41	14 44	1 31	22 40	0 1	5 40	2 1	13 2	0 27	5 34	1 5	23 15	2 35	23 15	23 12	18 59	17 8 5	47
T 4	16 25	20 28	2 47	20 47	1 16	1 21	0 47	14 53	1 31	22 39	0 1	5 38	2 0	13 3	0 26	5 34	1 5	23 15	2 35	23 15	23 11	19 1	17 9 5	47
F 5	16 7	22 22	1 50	20 50	1 5	1 51	0 53	15 1	1 31	22 38	0 1	5 35	2 0	13 3	0 26	5 35	1 5	23 15	2 36	23 15	23 11	19 2	17 9 5	47
S 6	15 48	23 17	0 48	20 53	0 55	2 21	1 0	15 9	1 31	22 36	0 1	5 32	2 0	13 4	0 26	5 35	1 5	23 16	2 36	23 16	23 11	19 3	17 9 5	46
S 7	15 30	23 6	0n17	20 54	0 44	2 51	1 6	15 18	1 31	22 35	0 1	5 30	2 0	13 4	0 26	5 36	1 5	23 16	2 36	23 16	23 11	19 5	17 9 5	46
M 8	15 11	21 48	1 23	20 54	0 34	3 21	1 13	15 26	1 31	22 34	0 1	5 27	2 0	13 5	0 26	5 36	1 5	23 16	2 36	23 15	23 11	19 6	17 9 5	46
T 9	14 52	19 21	2 26	20 53	0 24	3 51	1 19	15 34	1 30	22 32	0 1	5 24	2 0	13 5	0 26	5 37	1 5	23 17	2 36	23 15	23 10	19 7	17 10 5	45
W10	14 33	15 53	3 23	20 51	0 14	4 20	1 26	15 42	1 30	22 31	0 0	5 22	2 0	13 5	0 26	5 38	1 5	23 17	2 36	23 15	23 10	19 9	17 10 5	45
T 11	14 13	11 30	4 10	20 48	0 5	4 49	1 33	15 49	1 30	22 30	0 0	5 19	2 0	13 6	0 26	5 38	1 5	23 17	2 36	23 14	23 10	19 10	17 10 5	45
F 12	13 54	6 28	4 44	20 44	0s 4	5 18	1 40	15 57	1 30	22 28	0 0	5 16	2 0	13 7	0 26	5 39	1 5	23 17	2 36	23 14	23 10	19 11	17 10 5	44
S 13	13 34	1 1	5 2	20 38	0 13	5 47	1 47	16 5	1 29	22 27	0 0	5 13	2 0	13 7	0 26	5 39	1 5	23 18	2 36	23 13	23 10	19 13	17 11 5	44
S 14	13 14	4n33	5 1	20 31	0 22	6 16	1 54	16 12	1 29	22 26	0 0	5 11	2 0	13 8	0 26	5 40	1 5	23 18	2 36	23 13	23 9	19 14	17 11 5	44
M15	12 53	9 55	4 41	20 23	0 31	6 45	2 1	16 19	1 29	22 24	0 s 0	5 8	2 0	13 8	0 26	5 41	1 5	23 18	2 36	23 12	23 9	19 15	17 11 5	43
T 16	12 33	14 44	4 4	20 14	0 39	7 13	2 8	16 27	1 29	22 23	0 0	5 5	2 0	13 9	0 26	5 41	1 5	23 19	2 36	23 12	23 9	19 16	17 11 5	43
W17	12 12	18 43	3 12	20 4	0 46	7 41	2 15	16 34	1 28	22 21	0 0	5 2	2 0	13 9	0 26	5 42	1 5	23 19	2 36	23 12	23 9	19 18	17 12 5	43
T 18	11 51	21 33	2 9	19 52	0 54	8 9	2 23	16 41	1 28	22 20	0 0	4 59	2 0	13 10	0 26	5 42	1 5	23 19	2 36	23 12	23 8	19 19	17 12 5	42
F 19	11 30	23 2	0 58	19 39	1 1	8 37	2 30	16 48	1 28	22 18	0 0	4 57	2 0	13 11	0 26	5 43	1 5	23 19	2 36	23 12	23 8	19 20	17 12 5	42
S 20	11 8	23 5	0s16	19 25	1 8	9 4	2 37	16 55	1 28	22 17	0 1	4 54	2 0	13 11	0 26	5 44	1 5	23 20	2 36	23 12	23 8	19 22	17 13 5	42
S 21	10 47	21 43	1 28	19 9	1 15	9 31	2 45	17 1	1 27	22 15	0 1	4 51	2 0	13 12	0 26	5 44	1 5	23 20	2 36	23 12	23 8	19 23	17 13 5	41
M22	10 25	19 5	2 34	18 52	1 21	9 58	2 53	17 8	1 27	22 14	0 1	4 48	2 0	13 12	0 26	5 45	1 5	23 20	2 36	23 11	23 8	19 24	17 13 5	41
T 23	10 3	15 27	3 30	18 34	1 27	10 24	3 0	17 14	1 27	22 13	0 1	4 45	1 59	13 13	0 26	5 46	1 5	23 20	2 36	23 11	23 7	19 25	17 14 5	41
W24	9 41	11 6	4 15	18 15	1 32	10 50	3 8	17 21	1 26	22 11	0 1	4 42	1 59	13 14	0 26	5 46	1 5	23 20	2 36	23 10	23 7	19 27	17 14 5	40
T 25	9 19	6 17	4 44	17 54	1 38	11 16	3 16	17 27	1 26	22 10	0 1	4 39	1 59	13 14	0 26	5 47	1 5	23 21	2 36	23 10	23 7	19 28	17 14 5	40
F 26	8 57	1 18	4 59	17 32	1 43	11 41	3 23	17 33	1 25	22 8	0 1	4 37	1 59	13 15	0 26	5 48	1 5	23 21	2 36	23 9	23 7	19 29	17 15 5	40
S 27	8 35	3 s39	4 59	17 9	1 47	12 7	3 31	17 39	1 25	22 7	0 1	4 34	1 59	13 16	0 26	5 48	1 5	23 21	2 36	23 8	23 7	19 30	17 15 5	39
S 28	8 s 1 2	8 s21	4 s44	16 s44	1 s 5 1	12n31	3n39	17 s45	1n25	22 s 5	0 s 1	4s31	1 s59	13n17	0s26	5n49	1n 5	23n21	2n36	23 s 7	23 s 6	19s32	17n15 5	s39

Julian Day Number = 2428565.5, Delta T = 24.03 sec Ecliptic obliquity = $23^{\circ}26'50$, Nutation = $0^{\circ}00'18$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $23^{\circ}51'42$, Lahiri = $22^{\circ}58'42$

MARCH 1937 00:00 UT

FIMIL	,II														00.0	0 0 1
Day	Sid.t	0	D	ğ	φ	♂	4	ħ)ţ(并	В	S.	v	Ç	ķ	Day
M 1	10 33 31	10) 0'00	22 ₽ 17	21≈ 3	24 Y 15	25 M 48	19 る 27	23) (21	6 8 31	17°R48	26°R49	20°R28	20 x 25	16 M .35	17 Ⅱ 45	M 1
T 2	10 37 28	11° 0'11	4 M .18	22°37	25° 0	26°10	19°38	23°29	6°33	17 m 47	269548	20 × 21	20°22	16°42	17°45	T 2
W 3	10 41 24	12° 0'20	16°10	24°12	25°43	26°33	19°49	23°36	6°36	17°45	26°47	20°16	20°19	16°48	17°46	W 3
T 4	10 45 21	13° 0'28	27°58	25°47	26°26	26°55	20° 0	23°43	6°38	17°43	26°46	20°13	20°16	16°55	17°47	T 4
F 5	10 49 17	14° 0'34	9 ∡ 748	27°24	27° 7	27°16	20°11	23°51	6°40	17°42	26°45	20°12	20°12	17° 2	17°48	F 5
S 6	10 53 14	15° 0'39	21°44	29° 2	27°47	27°38	20°21	23°58	6°43	17°40	26°44	20°12	20° 9	17° 8	17°48	S 6
S 7	10 57 10	16° 0'42	3 궁 53	0) €41	28°26	27°59	20°32	24° 6	6°45	17°38	26°43	20°12	20° 6	17°15	17°49	S 7
M 8	11 1 7	17° 0'44	16°20	2°21	29° 4	28°20	20°42	24°13	6°48	17°37	26°43	20°10	20° 3	17°22	17°50	M 8
T 9	11 5 4	18° 0'43	29° 8	4° 2	29°40	28°40	20°53	24°20	6°50	17°35	26°42	20° 5	20° 0	17°28	17°51	T 9
W10	11 9 0	19° 0'41	12≈22	5°45	0815	29° 0	21° 3	24°28	6°53	17°33	26°41	19°58	19°57	17°35	17°52	W10
T 11	11 12 57	20° 0'38	26° 2	7°28	0°49	29°19	21°13	24°35	6°55	17°32	26°40	19°49	19°53	17°42	17°54	T 11
F 12	11 16 53	21° 0'32	10 ∺ 7	9°13	1°21	29°39	21°24	24°43	6°58	17°30	26°40	19°37	19°50	17°48	17°55	F 12
S 13	11 20 50	22° 0'25	24°32	10°58	1°52	29°57	21°34	24°50	7° 0	17°28	26°39	19°25	19°47	17°55	17°56	S 13
S 14	11 24 46	23° 0'15	9 Υ 11	12°45	2°21	0 ∡ 16	21°43	24°57	7° 3	17°27	26°38	19°13	19°44	18° 2	17°58	S 14
M15	11 28 43	24° 0'04	23°55	14°34	2°49	0°34	21°53	25° 5	7° 6	17°25	26°38	19° 3	19°41	18° 8	17°59	M15
T 16	11 32 39	24°59'50	8 8 38	16°23	3°15	0°51	22° 3	25°12	7° 9	17°23	26°37	18°56	19°37	18°15	18° 1	T 16
W17	11 36 36	25°59'34	23°12	18°14	3°39	1° 8	22°12	25°20	7°11	17°22	26°37	18°52	19°34	18°22	18° 3	W17
T 18	11 40 33	26°59'16	7 Ⅱ 33	20° 5	4° 1	1°25	22°22	25°27	7°14	17°20	26°36	18°50	19°31	18°28	18° 4	T 18
F 19	11 44 29	27°58'56	21°39	21°58	4°21	1°41	22°31	25°35	7°17	17°18	26°35	18°50	19°28	18°35	18° 6	F 19
S 20	11 48 26	28°58'33	5930	23°52	4°40	1°57	22°40	25°42	7°20	17°17	26°35	18°50	19°25	18°42	18° 8	S 20
S 21	11 52 22	29°58'08	19° 5	25°48	4°56	2°12	22°50	25°49	7°23	17°15	26°34	18°49	19°22	18°48	18°10	S 21
M22	11 56 19	0 ℃ 57'41	$2\Omega_{26}$	27°44	5°11	2°27	22°58	25°57	7°26	17°14	26°34	18°45	19°18	18°55	18°12	M22
T 23	12 0 15	1°57'11	15°35	29°42	5°23	2°42	23° 7	26° 4	7°29	17°12	26°34	18°39	19°15	19° 2	18°14	T 23
W24	12 4 12	2°56'39	28°32	1 Υ 41	5°33	2°56	23°16	26°12	7°32	17°10	26°33	18°30	19°12	19° 8	18°17	W24
T 25	12 8 8	3°56'05	11 M)18	3°40	5°41	3° 9	23°25	26°19	7°34	17° 9	26°33	18°19	19° 9	19°15	18°19	T 25
F 26	12 12 5	4°55'29	23°53	5°41	5°46	3°22	23°33	26°26	7°38	17° 7	26°32	18° 6	19° 6	19°22	18°21	F 26
S 27	12 16 2	5°54'50	6 ≏ 17	7°42	5°49	3°34	23°41	26°34	7°41	17° 6	26°32	17°53	19° 2	19°28	18°24	S 27
S 28	12 19 58	6°54'10	18°31	9°44	5°R50	3°46	23°50	26°41	7°44	17° 4	26°32	17°41	18°59	19°35	18°26	S 28
M29	12 23 55	7°53'27	0 M .35	11°47	5°48	3°57	23°58	26°49	7°47	17° 3	26°31	17°31	18°56	19°42	18°29	M29
T 30	12 27 51	8°52'43	12°30	13°50	5°44	4° 8	2 <u>4</u> ° 6	26°56	7°50	17° 1	26°31	17°23	18°53	19°48	18°31	T 30
W31	12 31 48	9 Ƴ 51'57	24M20	15 Y 53	5 8 37	4 ₹ 18	24 궁 13	27) 3	7 8 53	17 m) 0	26931	17 × 718	18 ×7 50	19 M 55	18 Ⅲ 34	W31

Day	0	D	ğ	Ф	ď	4	ħ)∤(¥	Р	y i	3 ¢	ę,
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl d	ecl decl	decl lat
M 1	7 s49			5 12n55 3n47		22 s 4 0 s 1		13n17 0s26			23 s 6 23		
T 2 W 3			15 51 1 5 15 22 2			22 2 0 2 22 1 0 2	4 25 1 59 4 22 1 59	13 18 0 26 13 19 0 26					17 16 5 38 17 17 5 38
T 4					-	21 59 0 2	4 19 1 59						17 17 5 38
F 5	6 18				18 13 1 22		4 16 1 59						17 17 5 37
S 6	5 54	23 3 0n 8	13 49 2	8 14 50 4 27	18 19 1 22	21 56 0 2	4 13 1 59	13 21 0 26	5 53 1 5	23 22 2 36	23 5 23	5 19 39	17 18 5 37
S 7	5 31	22 12 1 12	13 16 2 1	0 15 12 4 35	18 24 1 21	21 55 0 2	4 10 1 59	13 22 0 26	5 53 1 6	23 23 2 36	23 5 23	5 19 40	17 18 5 36
M 8	5 8		12 41 2 1			21 53 0 2	4 7 1 59					_	17 19 5 36
T 9			-			21 52 0 2	4 5 1 59					-	17 19 5 36
W10 T 11	4 21 3 57	13 16 3 59 8 31 4 35	11 27 2 1 10 48 2 1			21 50 0 2 21 49 0 3	4 2 1 59 3 59 1 59		5 55 1 6 5 56 1 6			4 19 44 4 19 45	
F 12	3 34	3 12 4 56			-	21 49 0 3	3 56 1 59					3 19 46	
S 13	3 10	2n24 4 59				21 46 0 3		13 27 0 25	5 57 1 6			3 19 47	
S 14	2 47	7 58 4 43	8 45 2	8 17 27 5 30		21 44 0 3	3 50 1 59	13 28 0 25	5 58 1 6				17 22 5 34
M15	2 23	13 7 4 7	0 1 2			21 43 0 3	3 47 2 0		5 59 1 6				17 22 5 34
T 16 W17	1 59 1 36			3 18 0 5 45 0 18 15 5 53	19 7 1 15 19 11 1 14		3 44 2 0 3 41 2 0		5 59 1 6		22 59 23 22 59 23		17 23 5 33 17 23 5 33
T 18		20 42 2 11 22 33 0 59	5 43 1 5		19 11 1 14		3 38 2 0		6 0 1 6		22 59 23		17 24 5 32
F 19	0 48		4 55 1 5		19 19 1 13		3 35 2 0		6 1 1 6		22 59 23		17 24 5 32
S 20	0 24	21 53 1 27	4 5 1 4	8 18 57 6 14	19 23 1 12	21 36 0 4	3 32 2 0	13 34 0 25	6 2 1 6	23 24 2 37	22 59 23	1 19 55	17 25 5 32
S 21	0 1	19 34 2 33	3 15 1 4	3 19 9 6 21	19 27 1 11	21 35 0 4	3 29 2 0	13 35 0 25	6 3 1 6	23 25 2 37	22 59 23	1 19 56	17 25 5 31
M22	0n23	16 14 3 29	2 23 1 3		19 31 1 10		3 27 2 0		6 3 1 6		22 58 23		17 26 5 31
T 23 W24	0 47	12 8 4 13	1 31 1 3			21 32 0 4	3 24 2 0	10 07 0 00	6 4 1 6		22 58 23	1 19 59	
T 25	1 10 1 34	7 33 4 43 2 43 4 59	0 37 1 2 0n17 1 1			21 30 0 4 21 29 0 4	3 21 2 0 3 18 2 0		6 4 1 6		22 57 23 22 56 23		17 27 5 30 17 27 5 30
F 26	1 57	2s 9 5 0				21 28 0 4	3 15 2 0		6 6 1 6		22 55 23		17 28 5 30
S 27	2 21	6 52 4 46				21 26 0 4	3 12 2 0		6 6 1 6		22 54 23		17 28 5 29
S 28	2 44	11 15 4 19	3 4 0 5	2 20 6 7 3	19 52 1 4	21 25 0 5	3 9 2 0	13 42 0 25	6 7 1 6	23 25 2 37	22 53 22	59 20 4	17 29 5 29
M29	3 8	15 8 3 41	4 0 0 4			21 24 0 5	3 6 2 0		6 8 1 6		22 52 22		17 29 5 29
T 30		18 21 2 54				21 23 0 5	3 4 2 0		6 8 1 6		22 51 22		17 30 5 29
W31	3n55	20 s47 1 s59	5n54 0s2	3 20n14 7n15	20 s 1 1n 0	21 s21 0s 5	3s 1 2s 0	13n45 0s25	6n 9 1n 6	23n25 2n37	22 s50 22 s	s59 20s 7	17n30 5 s28

 $\label{eq:Julian Day Number = 2428593.5} \ Delta\ T = 24.03\ sec$ Ecliptic obliquity = 23°26'50, Nutation = 0°00'18, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 23°51'46, Lahiri = 22°58'46

APRIL 1937 00:00 UT

Day	Sid.t	0	D	ğ	Q	ð	4	ħ)∤(¥	Р	ß	Ω	Ç	ę,	Day
T 1	12 35 44	10 Υ 51'09	6 √ 7	17 Y 56	5°R28	4 ₹ 27	24중21	27) 11	7 8 56	16°R58	26°R31	17°R15	18 ∡ 747	20 M 2	18 II 37	T 1
F 2	12 39 41	11°50'19	17°56	19°59	5 8 17	4°36	24°29	27°18	7°59	16 m 57	26930	17°D14	18°43	20° 8	18°39	F 2
S 3	12 43 37	12°49'27	29°52	22° 1	5° 3	4°44	24°36	27°25	8° 2	16°55	26°30	17 × 15	18°40	20°15	18°42	S 3
S 4	12 47 34	13°48'34	11 る 59	24° 1	4°46	4°52	24°43	27°32	8° 6	16°54	26°30	17°R15	18°37	20°22	18°45	S 4
M 5	12 51 31	14°47'38	24°23	26° 1	4°27	4°59	24°50	27°40	8° 9	16°52	26°30	17°15	18°34	20°28	18°48	M 5
T 6	12 55 27	15°46'41	7 ≈ 9	27°59	4° 6	5° 6	24°57	27°47	8°12	16°51	26°30	17°13	18°31	20°35	18°51	T 6
W 7	12 59 24	16°45'42	20°22	29°54	3°43	5°11	25° 4	27°54	8°15	16°49	26°30	17° 8	18°28	20°42	18°54	W 7
T 8	13 3 20	17°44'42	4) 3	1848	3°17	5°16	25°11	28° 1	8°19	16°48	26°30	17° 1	18°24	20°48	18°58	T 8
F 9	13 7 17	18°43'39	18°12	3°38	2°50	5°21	25°17	28° 8	8°22	16°47	26°30	16°53	18°21	20°55	19° 1	F 9
S 10	13 11 13	19°42'35	2 ° 47	5°25	2°20	5°24	25°24	28°15	8°25	16°45	26°D30	16°44	18°18	21° 2	19° 4	S 10
S 11	13 15 10	20°41'29	17°40	7° 9	1°49	5°27	25°30	28°22	8°29	16°44	26°30	16°35	18°15	21° 8	19° 8	S 11
M12	13 19 6	21°40'20	2844	8°49	1°16	5°30	25°36	28°30	8°32	16°43	26°30	16°28	18°12	21°15	19°11	M12
T 13	13 23 3	22°39'10	17°48	10°24	0°42	5°31	25°42	28°37	8°35	16°41	26°30	16°23	18° 8	21°22	19°14	T 13
W14	13 26 59	23°37'58	2 ∏ 44	11°56	0° 6	5°32	25°47	28°44	8°39	16°40	26°30	16°20	18° 5	21°28	19°18	W14
T 15	13 30 56	24°36'43	17°25	13°23	29Υ30	5°R32	25°53	28°51	8°42	16°39	26°30	16°D19	18° 2	21°35	19°22	T 15
F 16	13 34 53	25°35'27	19945	14°45	28°53	5°31	25°58	28°57	8°45	16°38	26°30	16°20	17°59	21°42	19°25	F 16
S 17	13 38 49	26°34'08	15°43	16° 2	28°16	5°30	26° 4	29° 4	8°49	16°36	26°30	16°21	17°56	21°48	19°29	S 17
S 18	13 42 46	27°32'46	29°20	17°14	27°38	5°28	26° 9	29°11	8°52	16°35	26°31	16°R21	17°53	21°55	19°33	S 18
M19	13 46 42	28°31'23	12 Ω 37	18°20	27° 0	5°25	26°14	29°18	8°56	16°34	26°31	16°20	17°49	22° 2	19°37	M19
T 20	13 50 39	29°29'57	25°36	19°22	26°22	5°21	26°18	29°25	8°59	16°33	26°31	16°17	17°46	22° 8	19°40	T 20
W21	13 54 35	0 8 28'29	8 m)19	20°18	25°45	5°17	26°23	29°32	9° 2	16°32	26°31	16°12	17°43	22°15	19°44	W21
T 22	13 58 32	1°26'59	20°49	21° 8	25° 9	5°12	26°27	29°38	9° 6	16°31	26°32	16° 5	17°40	22°21	19°48	T 22
F 23	14 2 28	2°25'27	3 ₾ 9	21°53	24°33	5° 6	26°32	29°45	9° 9	16°30	26°32	15°58	17°37	22°28	19°52	F 23
S 24	14 6 25	3°23'52	15°18	22°32	23°59	4°59	26°36	29°52	9°13	16°29	26°32	15°50	17°34	22°35	19°56	S 24
S 25	14 10 22	4°22'16	27°20	23° 5	23°26	4°52	26°39	29°58	9°16	16°28	26°33	15°42	17°30	22°41	20° 1	S 25
M26	14 14 18	5°20'38	9 M .16	23°33	22°55	4°44	26°43	0 Υ 5	9°20	16°27	26°33	15°36	17°27	22°48	20° 5	M26
T 27	14 18 15	6°18'58	21° 6	23°54	22°26	4°35	26°47	0°11	9°23	16°26	26°34	15°31	17°24	22°55	20° 9	T 27
W28	14 22 11	7°17'17	2 ₹ 55	24°11	21°58	4°25	26°50	0°18	9°27	16°25	26°34	15°29	17°21	23° 1	20°13	W28
T 29	14 26 8	8°15'34	14°42	24°21	21°33	4°14	26°53	0°24	9°30	16°24	26°34	15°D28	17°18	23° 8	20°17	T 29
F 30	14 30 4	9813'49	26 ₮ 33	24°R26	21 Y 10	4 才 3	26 궁 56	0 Υ 31	9 8 34	16 M 23	26935	15 ₹ 28	17 × 14	23 M 15	20∏22	F 30

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	decl	decl lat	decl la	at decl	lat decl	lat	decl	lat	decl	lat	decl	lat	decl lat	de	l lat	decl	decl	decl	decl	lat
T 1 F 2 S 3	4n18 4 41 5 4	22 s18	7 47	0s12 20n14 0 2 20 12 0n10 20 10	7n19 20s 4 7 21 20 7 7 24 20 10	0 58	21 s20 21 19 21 18	0s 5 0 5 0 5	2 s 5 8 2 5 5 2 5 2	2s 0 2 0 2 1	13n46 13 47 13 48	0 25	6 10 1	6 23 n2 6 23 2 6 23 2	5 2 37	22 50	22 58	20 s 9 20 10 20 11	17 31	5 s28 5 28 5 27
S 4 M 5 T 6 W 7 T 8	5 27 5 50 6 13 6 35 6 58	18 13 3 5 14 43 3 54 10 23 4 33	3 10 33 1 11 26 3 12 18	0 21 20 5 0 32 20 0 0 44 19 52 0 55 19 44 1 7 19 34	7 25 20 12 7 26 20 15 7 26 20 18 7 26 20 20 7 25 20 22	0 54 0 52	_	0 5 0 6 0 6 0 6 0 6	2 49 2 47 2 44 2 41 2 38	2 1 2 1 2 1 2 1 2 1 2 1	13 49 13 50 13 51 13 52 13 53		6 11 1 6 12 1 6 12 1 6 13 1 6 13 1	6 23 2 6 23 2 6 23 2 6 23 2 6 23 2	5 2 37 5 2 37 5 2 37	22 50 22 50 22 49	22 57 22 57 22 57	20 12 20 13 20 14 20 15 20 16	17 33 17 33 17 34	5 27 5 27 5 26 5 26 5 26
F 9 S 10	7 20 7 43			1 18 19 22 1 29 19 9	7 23 20 25 7 20 20 27	0 48 0 46	21 11 21 10	0 6 0 6	2 36 2 33	2 1 2 1	13 54 13 55	0 25 0 25	6 14 1 6 14 1	5 23 2 5 23 2				20 17 20 18		5 26 5 25
S 11 M12 T 13 W14 T 15 F 16 S 17	8 49	15 44 3 32 19 30 2 27 21 54 1 12 22 45 0s 6 22 4 1 22	2 16 10 7 16 50 2 17 27 5 18 1 2 18 33	1 39 18 55 1 49 18 39 1 59 18 22 2 8 18 4 2 16 17 44 2 24 17 24 2 30 17 2	7 16 20 29 7 12 20 31 7 7 20 33 7 1 20 35 6 54 20 37 6 46 20 39 6 38 20 40	0 45 0 43 0 41 0 39 0 38 0 36 0 34	21 8 21 7 21 6 21 5 21 4	0 6 0 6 0 7 0 7 0 7 0 7 0 7	2 30 2 27 2 25 2 22 2 19 2 17 2 14	2 1 2 1 2 2 2 2 2 2 2 2 2 2 2 2	14 0 14 1	0 25 0 25 0 25 0 25	6 15 1 6 15 1 6 16 1 6 16 1 6 17 1 6 17 1 6 18 1	5 23 2 5 23 2 5 23 2 5 23 2 5 23 2 5 23 2 5 23 2	5 2 37 5 2 37 5 2 37 5 2 37 5 2 37	22 46 22 45 22 45 22 45 22 45 22 45	22 55 22 55 22 55 22 54 22 54	20 19 20 20 20 21 20 22 20 23 20 24 20 25	17 37 17 37 17 38 17 38 17 39	5 25 5 25 5 24 5 24 5 24 5 24 5 23
S 18 M19 T 20 W21 T 22 F 23 S 24	10 57 11 18 11 39 11 59 12 19	12 55 4 17 8 28 4 49 3 44 5 6 1 s 4 5 7 5 45 4 55	7 19 53 0 20 13 5 20 32 7 20 47 5 21 0	2 36 16 40 2 41 16 17 2 45 15 53 2 48 15 29 2 50 15 5 2 51 14 40 2 51 14 15	6 28 20 42 6 19 20 43 6 8 20 45 5 57 20 46 5 45 20 47 5 33 20 48 5 20 20 49		21 2 21 1 21 1	0 7 0 7 0 8 0 8 0 8 0 8	2 11 2 9 2 6 2 4 2 1 1 59 1 56	2 2 2 2 2 2 2 3 2 3 2 3 2 3	14 5 14 6 14 7 14 8	0 25 0 25 0 25	6 18 1 6 18 1 6 19 1 6 19 1 6 20 1 6 20 1 6 20 1	5 23 2 5 23 2 5 23 2 5 23 2 5 23 2 5 23 2 5 23 2	5 2 37 5 2 37 5 2 37 5 2 37 5 2 37	22 45 22 44 22 44 22 43 22 42	22 53 22 53 22 53 22 52 22 52	20 26 20 27 20 28 20 29 20 30 20 31 20 32	17 40 17 41 17 41 17 42 17 42	5 23 5 23 5 23 5 23 5 22 5 22 5 22 5 22
S 25 M26 T 27 W28 T 29 F 30	13 38 13 57 14 16	17 29 3 4 20 7 2 9 21 51 1 8 22 38 0 4	21 21 2 21 23 3 21 22 4 21 19	2 50 13 51 2 47 13 27 2 43 13 3 2 38 12 39 2 32 12 17 2n24 11n55	5 7 20 50 4 53 20 51 4 39 20 52 4 25 20 53 4 11 20 53 3n57 20s54	0 14 0 12 0 9 0 7	20 58 20 57 20 57 20 56 20 56 20 55	0 8 0 8 0 9 0 9 0 9 0s 9	1 54 1 51 1 49 1 46 1 44 1 s41	2 3 2 3 2 3 2 4 2 4 2s 4	14 13 14 14 14 15	0 25 0 25 0 25	6 21 1 6 21 1 6 22 1 6 22 1 6 22 1 6n23 1n	5 23 2 5 23 2 5 23 2 5 23 2 5 23 2 5 23 2	5 2 37 5 2 37 5 2 37 5 2 37	22 40 22 40 22 39 22 39	22 51 22 51 22 51 22 50	20 33 20 33 20 34 20 35 20 36 20 s37	17 44 17 44 17 45 17 45	5 22 5 21 5 21 5 21 5 21 5 21 5 s21

Julian Day Number = 2428624.5, Delta T = 24.03 sec Ecliptic obliquity = $23^{\circ}26'50$, Nutation = $0^{\circ}00'16$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $23^{\circ}51'50$, Lahiri = $22^{\circ}58'50$

00:00 UT MAY 1937

Day	Sid.t	0	D	ğ	φ	ð	4	ħ)∤(并	Р	₽.	v	Ç	Ŷ,	Day
S 1	14 34 1	10812'02	8 云 31	24°R26	20°R48	3°R51	26 궁 59	0 Υ37	9 8 37	16°R22	26936	15 × 30	17 ⁄ 711	23 M 21	20П26	S 1
S 2	14 37 57	11°10'15	20°39	24820	20 Y 30	3 ∡ 139	27° 2	0°43	9°40	16 m 21	26°36	15°31	17° 8	23°28	20°31	S 2
M 3	14 41 54	12° 8'25	3≈ 3	24° 9	20°13	3°26	27° 4	0°49	9°44	16°20	26°37	15°33	17° 5	23°35	20°35	M 3
T 4	14 45 51	13° 6'34	15°47	23°54	19°59	3°12	27° 6	0°56	9°47	16°20	26°37	15°R33	17° 2	23°41	20°40	T 4
W 5	14 49 47	14° 4'42	28°55	23°34	19°48	2°57	27° 8	1° 2	9°51	16°19	26°38	15°32	16°59	23°48	20°44	W 5
T 6	14 53 44	15° 2'48	12) (30	23°11	19°39	2°42	27°10	1°8	9°54	16°18	26°39	15°30	16°55	23°55	20°49	T 6
F 7	14 57 40	16° 0'53	26°33	22°44	19°32	2°26	27°12	1°14	9°58	16°18	26°39	15°27	16°52	24° 1	20°53	F 7
S 8	15 1 37	16°58'56	11 ° 2	22°13	19°28	2° 9	27°14	1°20	10° 1	16°17	26°40	15°23	16°49	24° 8	20°58	S 8
S 9	15 5 33	17°56'58	25°54	21°41	19°D26	1°52	27°15	1°26	10° 5	16°16	26°41	15°19	16°46	24°15	21° 3	S 9
M10	15 9 30	18°54'59	118 2	21° 7	19°27	1°34	27°16	1°31	10°8	16°16	26°41	15°15	16°43	24°21	21° 7	M10
T 11	15 13 26	19°52'58	26°15	20°31	19°30	1°16	27°17	1°37	10°11	16°15	26°42	15°13	16°39	24°28	21°12	T 11
W12	15 17 23	20°50'56	11 Ⅲ 23	19°55	19°35	0°57	27°18	1°43	10°15	16°15	26°43	15°D12	16°36	24°35	21°17	W12
T 13	15 21 20	21°48'52	26°19	19°19	19°42	0°38	27°18	1°49	10°18	16°14	26°44	15°13	16°33	24°41	21°22	T 13
F 14	15 25 16	22°46'46	10955	18°44	19°52	0°19	27°19	1°54	10°22	16°14	26°45	15°14	16°30	24°48	21°27	F 14
S 15	15 29 13	23°44'38	25° 6	18°10	20° 4	29 M 59	27°19	2° 0	10°25	16°13	26°45	15°15	16°27	24°55	21°32	S 15
S 16	15 33 9	24°42'29	8 N 52	17°37	20°17	29°39	27°R19	2° 5	10°28	16°13	26°46	15°16	16°24	25° 1	21°37	S 16
M17	15 37 6	25°40'18	22°13	17° 8	20°33	29°18	27°19	2°11	10°32	16°12	26°47	15°R17	16°20	25° 8	21°42	M17
T 18	15 41 2	26°38'05	5 m 12	16°41	20°51	28°58	27°18	2°16	10°35	16°12	26°48	15°17	16°17	25°15	21°46	T 18
W19	15 44 59	27°35'50	17°50	16°17	21°10	28°37	27°18	2°21	10°39	16°12	26°49	15°16	16°14	25°21	21°51	W19
T 20	15 48 55	28°33'34	0 ჲ 13	15°57	21°31	28°16	27°17	2°27	10°42	16°12	26°50	15°14	16°11	25°28	21°57	T 20
F 21	15 52 52	29°31'16	12°23	15°41	21°54	27°55	27°16	2°32	10°45	16°11	26°51	15°12	16° 8	25°35	22° 2	F 21
S 22	15 56 49	0Ⅱ28'57	24°23	15°29	22°19	27°34	27°15	2°37	10°49	16°11	26°52	15° 9	16° 5	25°41	22° 7	S 22
S 23	16 0 45	1°26'36	6 M .17	15°21	22°45	27°12	27°14	2°42	10°52	16°11	26°53	15° 7	16° 1	25°48	22°12	S 23
M24	16 4 42	2°24'14	18° 7	15°D17	23°13	26°51	27°12	2°47	10°55	16°11	26°54	15° 6	15°58	25°54	22°17	M24
T 25	16 8 38	3°21'51	29°55	15°19	23°43	26°30	27°11	2°52	10°58	16°11	26°55	15° 5	15°55	26° 1	22°22	T 25
W26	16 12 35	4°19'27	11 ×7 44	15°24	24°13	26° 9	27° 9	2°57	11° 2	16°11	26°56	15°D 4	15°52	26° 8	22°27	W26
T 27	16 16 31	5°17'01	23°36	15°34	24°46	25°48	27° 7	3° 1	11° 5	16°11	26°57	15° 4	15°49	26°14	22°32	T 27
F 28	16 20 28	6°14'34	5 云 33	15°49	25°19	25°28	27° 4	3° 6	11°8	16°D11	26°58	15° 5	15°45	26°21	22°38	F 28
S 29	16 24 24	7°12'07	17°38	16° 8	25°54	25° 7	27° 2	3°11	11°11	16°11	26°59	15° 6	15°42	26°28	22°43	S 29
S 30	16 28 21	8° 9'38	29°53	16°31	26°30	24°47	26°59	3°15	11°14	16°11	27° 1	15° 6	15°39	26°34	22°48	S 30
M31	16 32 18	9 Ⅱ 7'08	12≈23	16 8 59	27 Y 8	24 M 28	26 궁 57	3Υ 20	11 8 18	16 M)11	2795 2	15 ⋌ 7	15 ∡ ³36	26 M 41	22 II 53	M31

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S 1	14n53	21 s 8 2n 3	3 21n 4 2	2n15 11n33 3	3n42 20 s54	0n 2	20 s55	0s 9	1 s39	2s 4	14n18	0 s 2 5	6n23	1n 5	23n24	2n37	22 s39	22 s50	20 s38	17n46	5 s20
S 2	15 11	18 53 3	20 53 2	2 5 11 13 3	3 28 20 54	0 s 1	20 55	0 9	1 37	2 4	14 19	0 25	6 23	1 5	23 24	2 37	22 40	22 49	20 39	17 47	5 20
M 3	15 29				3 14 20 54			0 9	1 34	2 4		0 25	6 23	1 5				22 49			5 20
T 4	15 47				2 59 20 54		20 54	0 10	1 32	2 4		0 25	6 24	1 5	-			22 49			5 20
W 5 T 6	16 4	7 9 5 0 2 3 5 13			2 45 20 54 2 31 20 54		20 54	0 10	1 30 1 28	2 5		0 25	6 24	1 5	-			22 49			5 20 5 20
T 6 F 7	16 21 16 38			- 1 -	2 31 20 54 2 17 20 54		20 54 20 53	0 10 0 10	1 28	2 5 2 5		0 25 0 25	6 24 6 25	1 5	23 24 23 24			22 48 22 48			5 19
S 8	16 55	8 42 4 43			2 4 20 53		20 53	0 10	1 23		14 26		6 25		23 24			22 48			
S 9 M10	17 11 17 27	13 43 3 59 17 57 2 57			1 51 20 53 1 38 20 52		20 53 20 53	0 10 0 11	1 21 1 19	2 5 2 6		0 25	6 25	1 5				22 47 22 47			5 19 5 19
T 11		20 59 1 43		0 8 9 7 1 0s 9 8 56 1	1 25 20 51		20 53	0 11	1 19	2 6 2 6			6 25 6 25	1 5				22 47			5 19
W12		22 30 0 21			1 12 20 50		20 53	0 11	1 17	2 6			6 26	1 5				22 46			5 19
T 13		22 23 1s 1		0 44 8 39 1			20 53	0 11	1 12	2 6		0 25	6 26	1 5				22 46			
F 14			7 16 25 1	1 1 8 31 (0 48 20 48		20 53	0 11	1 10		14 33		6 26	1 5				22 46			5 19
S 15	18 43	17 48 3 23	3 15 59 1	1 18 8 25 (37 20 47	0 38	20 53	0 11	1 8	2 6	14 34	0 25	6 26	1 5	23 22	2 37	22 38	22 45	20 50	17 53	5 18
S 16	18 57	13 57 4 15	5 15 35 1	35 8 20 0	26 20 45	0 41	20 53	0 11	1 6	2 7	14 35	0 25	6 26	1 5	23 22	2 37	22 38	22 45	20 51	17 53	5 18
M17	19 11	9 31 4 51	1 15 11 1	1 50 8 16 (0 15 20 44	0 45	20 54	0 12	1 4	2 7	14 36	0 25	6 26	1 5	23 22	2 37	22 38	22 45	20 52	17 54	5 18
T 18	19 25	4 47 5 1	1 14 49 2	2 5 8 13 (0 4 20 42	0 48	20 54	0 12	1 2	2 7	14 37	0 25	6 26	1 5	23 22	2 37	22 38	22 44	20 53	17 54	5 18
W19	19 38		5 14 29 2		0s 6 20 41		20 54	0 12	1 0		14 38	0 25	6 26					22 44			
T 20	19 51		5 14 11 2		0 16 20 39		20 54	0 12	0 59		14 39	0 25	6 27		23 22			22 44			
F 21	20 3	9 12 4 41			0 25 20 37		20 55	0 12	0 57		14 40		6 27		23 21			22 43			5 18
S 22	20 15	13 15 4 5	5 13 40 2	2 56 8 10 0	0 34 20 36	1 0	20 55	0 12	0 55	2 8	14 41	0 25	6 27	1 5	23 21	2 37	22 37	22 43	20 56	17 55	5 18
S 23	20 27	16 45 3 19	9 13 28 3		0 43 20 34		20 56	0 13	0 53	2 8	14 42	0 25	6 27	1 5	23 21					17 56	
M24			1 13 19 3		0 52 20 32		20 56	0 13	0 51	2 8	_		6 27	1 5				22 42			
T 25		21 30 1 23					20 57	0 13	0 50	2 9		0 25	6 27	1 5				22 42			5 18
W26 T 27	21 1 21 11	22 30 0 19 22 30 0n43		3 30 8 21 1 3 36 8 26 1	1 8 20 28 1 15 20 25		20 57 20 58	0 13 0 13	0 48 0 46	2 9 2 9	-		6 27 6 27	1 5	23 20 23 20			22 42 22 41		17 57	5 18 5 18
	21 11				1 22 20 23		20 58	0 13	0 46	2 9		0 25	6 27		23 20			22 41		17 57	5 17
	21 31				1 29 20 21		20 59	0 13	0 43		14 48		6 27		23 20			22 41		17 58	5 17
S 30	21 40	16 32 3 44	1 13 10 3	3 46 8 44 1	1 36 20 19	1 23	21 0	0 14	0 41	2 10	14 49	0 25	6 27	1 4	23 20	2 37	22 37	22 40	21 2	17 58	5 17
M31	21n49				1 s43 20 s17		21s 0	0s14	0 s40	2s10	14n50		6n27		23n19	2n37	22 s37	22 s40	21 s 3	17n58	5 s 1 7

Julian Day Number = 2428654.5, Delta T = 24.03 sec

Ecliptic obliquity = $23^{\circ}26'49$, Nutation = $0^{\circ}00'16$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $23^{\circ}51'54$, Lahiri = $22^{\circ}58'54$

JUNE 1937 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	24	ħ)ұ(¥	Р	₽.	v	Ç	Š	Day
T 1	16 36 14	10Ⅱ 4'38	25≈ 9	17 8 31	27 Y 46	24°R 8	26°R54	3 Υ24	11 8 21	16 m)11	2795 3	15 ∡ 7 7	15 ₹ 33	26M48	22 II 59	T 1
W 2	16 40 11	11° 2'07	8) 15	18° 7	28°26	23 M 49	26 ප 51	3°28	11°24	16°11	27° 4	15°R 8	15°30	26°54	23° 4	W 2
T 3	16 44 7	11°59'35	21°44	18°47	29° 6	23°31	26°47	3°32	11°27	16°11	27° 5	15° 8	15°26	27° 1	23° 9	T 3
F 4	16 48 4	12°57'02	5 Ƴ 37	19°31	29°48	23°13	26°44	3°36	11°30	16°11	27° 7	15° 7	15°23	27° 8	23°15	F 4
S 5	16 52 0	13°54'29	19°54	20°18	0831	22°55	26°40	3°41	11°33	16°12	27° 8	15° 7	15°20	27°14	23°20	S 5
S 6	16 55 57	14°51'55	4 8 33	21°10	1°15	22°38	26°36	3°44	11°36	16°12	27° 9	15°D 7	15°17	27°21	23°25	S 6
M 7	16 59 53	15°49'20	19°28	22° 5	1°59	22°22	26°32	3°48	11°39	16°12	27°10	15° 7	15°14	27°28	23°31	M 7
T 8	17 3 50	16°46'45	4 Ⅲ 34	23° 3	2°45	22° 6	26°28	3°52	11°42	16°13	27°12	15° 7	15°11	27°34	23°36	T 8
W 9	17 7 47	17°44'09	19°40	24° 5	3°31	21°51	26°24	3°56	11°45	16°13	27°13	15°R 7	15° 7	27°41	23°41	W 9
T 10	17 11 43	18°41'33	4939	25°11	4°18	21°37	26°19	3°59	11°48	16°13	27°14	15° 7	15° 4	27°48	23°47	T 10
F 11	17 15 40	19°38'55	19°22	26°19	5° 6	21°23	26°14	4° 3	11°51	16°14	27°16	15° 7	15° 1	27°54	23°52	F 11
S 12	17 19 36	20°36'17	3 Ω 42	27°31	5°54	21°10	26°10	4° 6	11°54	16°14	27°17	15° 6	14°58	28° 1	23°58	S 12
S 13	17 23 33	21°33'37	17°37	28°47	6°43	20°58	26° 5	4°10	11°57	16°15	27°18	15° 6	14°55	28° 8	24° 3	S 13
M14	17 27 29	22°30'57	1 Mp 6	0耳 5	7°33	20°46	26° 0	4°13	12° 0	16°15	27°20	15° 5	14°51	28°14	24° 8	M14
T 15	17 31 26	23°28'15	14° 9	1°27	8°24	20°36	25°54	4°16	12° 2	16°16	27°21	15° 5	14°48	28°21	24°14	T 15
W16	17 35 23	24°25'33	26°49	2°51	9°15	20°26	25°49	4°19	12° 5	16°16	27°23	15°D 4	14°45	28°28	24°19	W16
T 17	17 39 19	25°22'50	9 ≙ 10	4°19	10° 7	20°17	25°43	4°22	12° 8	16°17	27°24	15° 5	14°42	28°34	24°25	T 17
F 18	17 43 16	26°20'06	21°17	5°50	10°59	20° 9	25°38	4°25	12°11	16°18	27°26	15° 5	14°39	28°41	24°30	F 18
S 19	17 47 12	27°17'21	3 M .13	7°24	11°52	20° 1	25°32	4°28	12°13	16°18	27°27	15° 7	14°36	28°47	24°35	S 19
S 20	17 51 9	28°14'36	15° 3	9° 1	12°46	19°55	25°26	4°31	12°16	16°19	27°28	15° 8	14°32	28°54	24°41	S 20
M21	17 55 5	29°11'50	26°51	10°41	13°40	19°49	25°20	4°34	12°18	16°20	27°30	15° 9	14°29	29° 1	24°46	M21
T 22	17 59 2	09 9'04	8 ∡ 39	12°24	14°35	19°44	25°14	4°36	12°21	16°21	27°31	15° 9	14°26	29° 7	24°52	T 22
W23	18 2 58	1° 6'17	2 <u>0</u> °32	14° 9	15°30	19°40	25° 7	4°39	12°24	16°21	27°33	15°R 9	14°23	29°14	24°57	W23
T 24	18 6 55	2° 3'30	2 ප 31	15°58	16°25	19°37	25° 1	4°41	12°26	16°22	27°34	15° 9	14°20	29°21	25° 2	T 24
F 25	18 10 52	3° 0'42	14°39	17°49	17°22	19°34	24°54	4°43	12°29	16°23	27°36	15° 7	14°17	29°27	25° 8	F 25
S 26	18 14 48	3°57'54	26°57	19°43	18°18	19°33	24°48	4°45	12°31	16°24	27°37	15° 5	14°13	29°34	25°13	S 26
S 27	18 18 45	4°55'06	9≈26	21°39	19°15	19°D32	24°41	4°47	12°34	16°25	27°39	15° 2	14°10	29°41	25°19	S 27
M28	18 22 41	5°52'18	22° 9	23°38	20°12	19°32	24°34	4°49	12°36	16°26	27°41	14°59	14° 7	29°47	25°24	M28
T 29	18 26 38	6°49'30	5 ¥ 6	25°40	21°10	19°33	2 <u>4</u> °27	4°51	12°38	16°27	27°42	14°56	14° 4	29°54	25°29	T 29
W30	18 30 34	79546'41	18) 18	27 Ⅱ 43	22 8 8	19 M 35	24 궁 20	4Υ 53	12841	16 m 28	279544	14 ×7 54	14 ×7 1	0 才 1	25 Ⅱ 35	W30

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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
T 1	21n58	8 s27	4n59	13n24	3 s49	8n59	1 s49	20 s15	1 s29	21 s 1	0s14	0 s38	2s10	14n51	0 s25	6n27	1n 4	23n19	2n37	22 s37	22 s40	21 s 4	17n59	5 s17
W 2	22 6	3 36	5 16	13 34	3 48	9 8	1 55	20 13	1 32			0 37	2 10	14 52	0 25	6 26	1 4	23 19		22 37			17 59	5 17
T 3	22 14	1n33	-	13 46	3 47	9 17	2 0			21 3	-	0 35	2 11		0 25	6 26	1 4	23 19		22 37			17 59	5 17
F 4	22 22	6 47	4 58	14 0	3 45	9 27	2 5		1 37			0 34	2 11	-	0 25	6 26	1 4			22 37			17 59	5 17
S 5	22 29	11 49	4 21	14 15	3 42	9 37	2 11	20 7	1 40	21 4	0 15	0 33	2 11	14 55	0 25	6 26	1 4	23 18	2 37	22 37	22 38	21 6	18 0	5 17
S 6	22 35	16 17	3 27	14 32	3 39	9 48	2 15	20 5	1 42	21 5	0 15	0 31	2 11	14 56	0 25	6 26	1 4	23 18	2 37	22 37	22 38	21 7	18 0	5 17
M 7		19 49	-	14 50		9 59	2 20		1 45			0 30		14 57	0 25	6 26	1 4	23 18		22 37			18 0	5 17
T 8	22 47				3 29	10 10	2 24		1 47			0 29		14 57		6 26	1 4	23 18		22 37			18 0	5 17
W 9	22 53			15 31	3 24		2 28		1 49			0 27		14 58		6 26		23 17		22 37			18 1	5 17
T 10		21 36		15 52				19 58		21 9		0 26		14 59		6 25		23 17				21 10		5 17
F 11				16 15				19 57		21 10	0 16	0 25	2 13			6 25		23 17				21 11		5 18
S 12	23 7	15 28	3 59	16 39	3 3	10 59	2 39	19 55	1 56	21 11	0 16	0 24	2 13	15 1	0 25	6 25	1 4	23 17	2 37	22 37	22 36	21 11	18 1	5 18
S 13	23 11	11 5	4 42	17 3	2 55	11 12	2 42	19 54	1 58	21 12	0 16	0 23	2 13	15 2	0 25	6 25	1 4	23 16	2 37	22 37	22 36	21 12	18 1	5 18
M14	23 14	6 17	5 8	17 28	2 46	11 26	2 45	19 53	2 0	21 13	0 16	0 22	2 13	15 3	0 25	6 25	1 4	23 16	2 37	22 37	22 35	21 13	18 2	5 18
T 15	23 17	1 21	5 17	17 54	2 37	11 39	2 48	19 52	2 2	21 15	0 17	0 21	2 14	15 4	0 25	6 24	1 4	23 16	2 37	22 37	22 35	21 13	18 2	5 18
W16	23 20	3 s29	-	18 20		11 53	2 51			21 16	0 17	0 20	2 14	-	0 25	6 24	1 4					21 14		5 18
T 17	23 22	8 5		18 46				19 51		21 17	0 17	0 19	2 14	15 5	0 25	6 24	1 4	23 15				21 15		
-	-	-		19 12		12 21		19 50		21 18		0 18	2 14		0 25	6 23		23 15				21 15		5 18
S 19	23 25	15 55	3 32	19 38	1 56	12 35	2 57	19 50	2 10	21 19	0 17	0 17	2 15	15 7	0 25	6 23	1 4	23 15	2 37	22 37	22 33	21 16	18 2	5 18
S 20	23 26	18 54	2 39	20 4	1 45	12 50	2 59	19 50	2 11	21 21	0 17	0 16	2 15	15 8	0 25	6 23	1 4	23 15	2 37	22 37	22 33	21 17	18 2	5 18
M21	23 27	21 5	1 40	20 30	1 34	13 4	3 1	19 50	2 13	21 22	0 18	0 15	2 15	15 8	0 25	6 23	1 4	23 14	2 37	22 37	22 33	21 17	18 3	5 18
T 22	23 27	22 21	0 36	20 55	1 23	13 19	3 2	19 50		21 23		0 15	2 15	15 9	0 25	6 22	1 4	23 14	2 37	22 37	22 32	21 18	18 3	5 18
W23	23 27			21 20	1 11		3 3			21 25		0 14	2 16	15 10	0 25	6 22	1 4	23 14				21 18		5 18
T 24	23 26	21 51		21 43	0 59		3 5	19 51		21 26	0 18	0 13	2 16	-	0 25	6 22	1 4	23 14				21 19		5 19
F 25	23 25	-	2 36		0 48	-	3 6			21 27	0 18	0 12	2 16	-		6 21	1 4					21 20		5 19
S 26	23 23	17 19	3 31	22 27	0 36	14 18	3 6	19 53	2 21	21 29	0 18	0 12	2 16	15 12	0 25	6 21	1 4	23 13	2 38	22 37	22 31	21 20	18 3	5 19
S 27	23 21	13 46	4 17	22 47	0 24	14 33	3 7	19 54	2 22	21 30	0 18	0 11	2 17	15 13	0 25	6 20	1 4	23 13	2 38	22 36	22 30	21 21	18 3	5 19
M28	23 19	9 33	4 50	23 5	0 13	14 47	3 7	19 55	2 23	21 31	0 19	0 11	2 17	15 14	0 25	6 20	1 4	23 12	2 38	22 36	22 30	21 22	18 3	5 19
T 29	23 16	4 50	5 10	23 21	0 1	15 2	3 8	19 57	2 25	21 33	0 19	0 10	2 17	15 14	0 25	6 20	1 4	23 12	2 38	22 36	22 30	21 22	18 3	5 19
W30	23n13	0n12	5n14	23n35	0n10	15n17	3 s 8	19 s58	2 s 2 6	21 s34	0s19	0s10	2s18	15n15	0 s 2 5	6n19	1n 4	23n12	2n38	22 s35	22 s29	21 s23	18n 3	5 s 1 9

Julian Day Number = 2428685.5, Delta T = 24.03 sec Ecliptic obliquity = $23^{\circ}26'48$, Nutation = $0^{\circ}00'16$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $23^{\circ}51'58$, Lahiri = $22^{\circ}58'59$

JULY 1937 00:00 UT

Day	Sid.t	\odot	D	ğ	φ	♂ [™]	24	ħ)∤(并	Р	ß	Ω	Ç	ę,	Day
T 1	18 34 31	89643'53	1 Υ 48	29∏48	23 8 7	19 M .37	24°R13	4 Υ 55	12843	16 m 29	279545	14°R53	13 ×7 57	0 才 7	25耳40	T 1
F 2	18 38 27	9°41'05	15°35	1954	24° 6	19°40	24궁 6	4°56	12°45	16°30	27°47	14°D53	13°54	0°14	25°45	F 2
S 3	18 42 24	10°38'18	29°40	4° 2	25° 5	19°44	23°58	4°58	12°47	16°31	27°48	14 ×7 54	13°51	0°21	25°51	S 3
S 4	18 46 21	11°35'31	148 1	6°11	26° 5	19°49	23°51	4°59	12°49	16°32	27°50	14°55	13°48	0°27	25°56	S 4
M 5	18 50 17	12°32'44	28°37	8°21	27° 5	19°55	23°44	5° 0	12°52	16°34	27°52	14°56	13°45	0°34	26° 1	M 5
T 6	18 54 14	13°29'57	13Ⅲ23	10°31	28° 5	20° 1	23°36	5° 2	12°54	16°35	27°53	14°R57	13°42	0°41	26° 6	T 6
W 7	18 58 10	14°27'11	28°13	12°41	29° 6	20° 9	23°29	5° 3	12°56	16°36	27°55	14°57	13°38	0°47	26°12	W 7
T 8	19 2 7	15°24'24	1399 0	14°51	0 Π 7	20°16	23°21	5° 4	12°58	16°37	27°56	14°55	13°35	0°54	26°17	T 8
F 9	19 6 3	16°21'38	27°36	17° 1	1° 8	20°25	23°14	5° 5	13° 0	16°38	27°58	14°51	13°32	1° 0	26°22	F 9
S 10	19 10 0	17°18'52	11 Ω 55	19°10	2°10	20°35	23° 6	5° 5	13° 2	16°40	28° 0	14°47	13°29	1° 7	26°27	S 10
S 11	19 13 56	18°16'06	25°52	21°18	3°12	20°45	22°58	5° 6	13° 3	16°41	28° 1	14°42	13°26	1°14	26°33	S 11
M12	19 17 53	19°13'20	9 m 24	23°25	4°14	20°56	22°51	5° 7	13° 5	16°42	28° 3	14°37	13°23	1°20	26°38	M12
T 13	19 21 50	20°10'34	22°30	25°31	5°16	21° 7	22°43	5° 7	13° 7	16°44	28° 5	14°33	13°19	1°27	26°43	T 13
W14	19 25 46	21° 7'48	5 Ω 13	27°36	6°19	21°19	22°35	5° 8	13° 9	16°45	28° 6	14°30	13°16	1°34	26°48	W14
T 15	19 29 43	22° 5'02	17°35	29°39	7°22	21°32	22°27	5° 8	13°11	16°47	28° 8	14°D29	13°13	1°40	26°53	T 15
F 16	19 33 39	23° 2'16	29°42	1 Ω 40	8°25	21°46	22°20	5° 8	13°12	16°48	28°10	14°29	13°10	1°47	26°58	F 16
S 17	19 37 36	23°59'30	11 M 37	3°40	9°28	22° 0	22°12	5°R 8	13°14	16°50	28°11	14°30	13° 7	1°54	27° 3	S 17
S 18	19 41 32	24°56'44	23°27	5°39	10°32	22°15	22° 4	5° 8	13°15	16°51	28°13	14°32	13° 3	2° 0	27° 8	S 18
M19	19 45 29	25°53'59	5 ₹ 15	7°35	11°35	22°31	21°56	5° 8	13°17	16°53	28°14	14°33	13° 0	2° 7	27°13	M19
T 20	19 49 25	26°51'14	17° 6	9°30	12°39	22°47	21°49	5° 8	13°19	16°54	28°16	14°R33	12°57	2°14	27°18	T 20
W21	19 53 22	27°48'29	29° 5	11°23	13°44	23° 4	21°41	5° 7	13°20	16°56	28°18	14°32	12°54	2°20	27°23	W21
T 22	19 57 19	28°45'45	11 る 13	13°14	14°48	23°21	21°33	5° 7	13°21	16°57	28°19	14°29	12°51	2°27	27°28	T 22
F 23	20 1 15	29°43'01	23°34	15° 4	15°53	23°39	21°26	5° 6	13°23	16°59	28°21	14°24	12°48	2°34	27°33	F 23
S 24	20 5 12	0 Ω 40'18	6≈ 9	16°52	16°58	23°57	21°18	5° 6	13°24	17° 1	28°23	14°17	12°44	2°40	27°38	S 24
S 25	20 9 8	1°37'35	18°57	18°38	18° 3	24°16	21°11	5° 5	13°25	17° 2	28°24	14°10	12°41	2°47	27°43	S 25
M26	20 13 5	2°34'53	2) 0	20°22	19°8	24°36	21° 3	5° 4	13°27	17° 4	28°26	14° 1	12°38	2°53	27°47	M26
T 27	20 17 1	3°32'12	15°16	22° 5	20°13	24°56	20°56	5° 3	13°28	17° 6	28°28	13°54	12°35	3° 0	27°52	T 27
W28	20 20 58	4°29'32	28°44	23°45	21°19	25°17	20°49	5° 2	13°29	17° 7	28°29	13°47	12°32	3° 7	27°57	W28
T 29	20 24 54	5°26'53	12 Y 23	25°24	22°25	25°38	20°41	5° 1	13°30	17° 9	28°31	13°43	12°29	3°13	28° 1	T 29
F 30	20 28 51	6°24'14	26°13	27° 2	23°31	25°59	20°34	5° 0	13°31	17°11	28°33	13°41	12°25	3°20	28° 6	F 30
S 31	20 32 48	7 Ω 21'37	10813	28 £ 37	24耳37	26M22	20 궁 27	4℃ 59	13 8 32	17 m 13	28934	13°D40	12 × 22	3 ∡ 27	28 I I11	S 31

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S 4 M 5 T 6 W 7 T 8 F 9 S 10	22 46 22 40 22 33 22 27	21 18 1 29 22 33 0 9 22 14 1s12 20 22 2 28 17 10 3 33	24 10 (24 9 24 5 24 5 23 58 23 49	0 50 16 15 3 0 59 16 29 3 1 7 16 43 3 1 15 16 57 3 1 22 17 11 3 1 28 17 24 3 1 33 17 38 3	7 20 9 2 31 6 20 11 2 32 5 20 14 2 33 4 20 17 2 34 3 20 20 2 34		0 8 2 19 0 8 2 19 0 8 2 19 0 8 2 20 0 7 2 20	15 19 0 25 15 20 0 25		23 11 2 38 23 10 2 38 23 10 2 38 23 10 2 38 23 9 2 38	22 36 22 28 22 36 22 27 22 36 22 27 22 36 22 27 22 36 22 26 22 35 22 26 22 35 22 26 22 35 22 26	21 26 21 26 21 27 5 21 27 5 21 28	18 3 5 20 18 3 5 20 18 3 5 21 18 3 5 21 18 3 5 21
S 11 M12 T 13 W14 T 15 F 16	22 12 22 4 21 56 21 47 21 38 21 29 21 19	8 16 4 56 3 15 5 11 1 s45 5 9 6 32 4 52 10 56 4 22 14 48 3 40	23 22 23 5 22 45 22 23 22 0 21 34	1 38 17 51 3 1 41 18 3 2 1 44 18 16 2 1 47 18 28 2 1 48 18 40 2 1 49 18 52 2	1 20 27 2 36 59 20 30 2 37 58 20 34 2 37 56 20 38 2 38 55 20 42 2 38 53 20 46 2 39	21 50 0 21 21 51 0 21 21 53 0 21 21 54 0 21 21 55 0 21 21 57 0 21 21 58 0 22	0 7 2 21 0 7 2 21 0 7 2 21 0 8 2 21 0 8 2 22 0 8 2 22	15 22 0 25 15 23 0 25 15 23 0 25 15 24 0 25 15 24 0 25	6 14 1 3 6 13 1 3 6 13 1 3 6 12 1 3 6 12 1 3 6 11 1 3 6 10 1 3	23 9 2 38 23 9 2 38 23 8 2 38 23 8 2 38 23 8 2 39 23 8 2 39	22 34 22 25 22 34 22 25 22 33 22 24 22 33 22 24 22 33 22 24 22 33 22 24 22 33 22 22 22 33 22 22 22 33 22 23	21 29 21 29 21 30 21 30 21 31 21 31	18 3 5 21 18 3 5 22 18 2 5 22 18 2 5 22 18 2 5 22 18 2 5 23
S 18 M19 T 20 W21 T 22 F 23 S 24	20 58 20 48 20 36 20 25 20 13	22 1 0 50 22 35 0n14 22 9 1 18 20 39 2 19 18 11 3 15	20 7 19 35 19 2 18 27 17 52	1 48 19 25 2 1 46 19 36 2 1 43 19 46 2 1 41 19 56 2 1 37 20 5 2	49 20 55 2 40 47 20 59 2 40 45 21 4 2 41 43 21 8 2 41 40 21 13 2 41 38 21 18 2 42 35 21 23 2 42	22 1 0 22 22 2 0 22 22 4 0 22 22 5 0 22 22 6 0 22	0 9 2 23 0 9 2 23 0 9 2 23 0 10 2 24 0 10 2 24	15 26 0 25 15 27 0 25	6 10 1 3 6 9 1 3 6 9 1 3 6 8 1 3 6 7 1 3 6 7 1 3 6 6 1 3	23 7 2 39 23 6 2 39 23 6 2 39 23 6 2 39 23 6 2 39	22 33 22 22 22 33 22 22 33 22 21 22 33 22 21 22 32 22 32 22 31 22 20 22 31 22 20	21 33 21 33 21 34 21 34 21 35	18 2 5 23 18 1 5 24 18 1 5 24 18 1 5 24 18 1 5 25
S 25 M26 T 27 W28 T 29 F 30 S 31	19 35 19 22 19 9 18 55	6 5 5 1 1 5 5 7 4n 2 4 57 9 2 4 30 13 39 3 47	16 1 15 23 14 45 14 6 13 26	1 24 20 30 2 1 18 20 38 2 1 12 20 45 2 1 6 20 52 2 0 59 20 58 2	28 21 38 2 43 25 21 44 2 43 22 21 49 2 43 19 21 54 2 43	22 9 0 23 22 10 0 23 22 12 0 23 22 13 0 23 22 14 0 23 22 15 0 23 22 2516 0 823	0 12 2 25 0 13 2 25 0 13 2 25 0 14 2 25 0 15 2 26	15 28 0 25 15 29 0 25 15 29 0 25 15 29 0 25 15 30 0 25 15 30 0 25 15 30 0 825	6 5 1 3 6 5 1 3 6 4 1 3 6 3 1 3 6 3 1 3 6 2 1 3 6n 1 1n 3	23 5 2 39 23 4 2 39 23 4 2 39 23 4 2 39 23 4 2 40	22 30 22 20 22 29 22 19 22 28 22 19 22 28 22 18 22 27 22 18 22 27 22 17 22 s27 22 s17	21 36 21 36 3 21 37 3 21 37 7 21 38	18 0 5 25 18 0 5 26 18 0 5 26 18 0 5 26 17 59 5 27

 $\label{eq:Julian Day Number = 2428715.5, Delta T = 24.04 sec} \\ Ecliptic obliquity = 23°26'48, Nutation = 0°00'17, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 23°52'02, Lahiri = 22°59'03 \\$

AUGUST 1937 00:00 UT

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S 1	20 36 44	8 Ω 19'02	24822	0 m p 1 1	25 Ⅱ 43	26M44	20°R20	4°R57	13833	17 m 15	28936	13 × 741	12 × 19	3 . ₹33	28 I I15	S 1
M 2	20 40 41	9°16'27	8耳39	1°43	26°50	27° 7	20 궁 13	4 Υ 56	13°34	17°16	28°38	13°R42	12°16	3°40	28°20	M 2
T 3	20 44 37	10°13'54	23° 3	3°14	27°57	27°31	20° 6	4°54	13°35	17°18	28°39	13°42	12°13	3°47	28°24	T 3
W 4	20 48 34	11°11'21	79529	4°42	29° 4	27°55	19°59	4°52	13°35	17°20	28°41	13°39	12° 9	3°53	28°29	W 4
T 5	20 52 30	12° 8'50	21°53	6° 9	09୍ତୀ 1	28°19	19°53	4°50	13°36	17°22	28°42	13°35	12° 6	4° 0	28°33	T 5
F 6	20 56 27	13° 6'20	6 Ω 11	7°34	1°18	28°44	19°46	4°49	13°37	17°24	28°44	13°28	12° 3	4° 7	28°37	F 6
S 7	21 0 23	14° 3'51	20°15	8°58	2°25	29°10	19°40	4°47	13°38	17°26	28°46	13°19	12° 0	4°13	28°42	S 7
S 8	21 4 20	15° 1'23	4M) 3	10°19	3°32	29°36	19°33	4°44	13°38	17°28	28°47	13° 9	11°57	4°20	28°46	S 8
M 9	21 8 17	15°58'56	17°29	11°38	4°40	0 x 2	19°27	4°42	13°39	17°30	28°49	12°59	11°54	4°27	28°50	M 9
T 10	21 12 13	16°56'30	ე <u>თ</u> 33	12°56	5°48	0°29	19°21	4°40	13°39	17°32	28°50	12°50	11°50	4°33	28°54	T 10
W11	21 16 10	17°54'04	13°15	14°12	6°56	0°56	19°15	4°38	13°40	17°34	28°52	12°43	11°47	4°40	28°59	W11
T 12	21 20 6	18°51'40	25°38	15°25	8° 4	1°23	19° 9	4°35	13°40	17°36	28°54	12°38	11°44	4°46	29° 3	T 12
F 13	21 24 3	19°49'17	7 M .44	16°37	9°12	1°51	19° 4	4°33	13°40	17°38	28°55	12°36	11°41	4°53	29° 7	F 13
S 14	21 27 59	20°46'54	19°40	17°46	10°20	2°19	18°58	4°30	13°41	17°40	28°57	12°D35	11°38	5° 0	29°11	S 14
S 15	21 31 56	21°44'33	1 √ 29	18°53	11°29	2°48	18°53	4°27	13°41	17°42	28°58	12°35	11°35	5° 6	29°15	S 15
M16	21 35 52	22°42'12	13°18	19°57	12°37	3°17	18°47	4°24	13°41	17°44	29° 0	12°R35	11°31	5°13	29°19	M16
T 17	21 39 49	23°39'53	25°11	21° 0	13°46	3°46	18°42	4°22	13°41	17°46	29° 1	12°35	11°28	5°20	29°22	T 17
W18	21 43 46	24°37'35	7 云 15	21°59	14°54	4°16	18°37	4°19	13°41	17°48	29° 3	12°32	11°25	5°26	29°26	W18
T 19	21 47 42	25°35'18	19°31	22°56	16° 3	4°46	18°32	4°16	13°41	17°50	29° 4	12°27	11°22	5°33	29°30	T 19
F 20	21 51 39	26°33'02	2≈ 4	23°50	17°12	5°16	18°28	4°12	13°R41	17°52	29° 6	12°19	11°19	5°40	29°34	F 20
S 21	21 55 35	27°30'47	14°55	24°41	18°22	5°47	18°23	4° 9	13°41	17°54	29° 7	12°10	11°15	5°46	29°37	S 21
S 22	21 59 32	28°28'34	28° 4	25°28	19°31	6°18	18°19	4° 6	13°41	17°56	29° 9	11°58	11°12	5°53	29°41	S 22
M23	22 3 28	29°26'22	11 米 30	26°13	20°40	6°49	18°15	4° 3	13°41	17°58	29°10	11°46	11° 9	6° 0	29°44	M23
T 24	22 7 25	0 Mp 24'11	25°11	26°53	21°50	7°21	18°11	3°59	13°41	18° 0	29°12	11°35	11° 6	6° 6	29°48	T 24
W25	22 11 21	1°22'02	9 Υ 2	27°30	22°59	7°53	18° 7	3°56	13°41	18° 3	29°13	11°25	11° 3	6°13	29°51	W25
T 26	22 15 18	2°19'55	23° 1	28° 3	24° 9	8°25	18° 3	3°52	13°40	18° 5	29°15	11°18	11° 0	6°19	29°54	T 26
F 27	22 19 15	3°17'50	7 8 4	28°32	25°19	8°58	18° 0	3°49	13°40	18° 7	29°16	11°14	10°56	6°26	29°58	F 27
S 28	22 23 11	4°15'46	21°10	28°56	26°29	9°30	17°57	3°45	13°40	18° 9	29°18	11°12	10°53	6°33	099 1	S 28
S 29	22 27 8	5°13'44	5 Ⅱ 17	29°15	27°39	10° 4	17°53	3°41	13°39	18°11	29°19	11°12	10°50	6°39	0° 4	S 29
M30	22 31 4	6°11'45	19°24	29°29	28°49	10°37	1 <u>7</u> °50	3°37	13°39	18°13	29°20	11°12	10°47	6°46	0° 7	M30
T 31	22 35 1	7 m) 9'47	3929	29 m 38	299559	11711	17 る 48	3 Y 33	13 8 38	18 M p16	299522	11 × 10	10 ×7 44	6 ₹ 53	09510	T 31

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S 1 M 2	18n11 17 56		n42 12	2n 7 1 27		21n10 21 14		22 s 5 22 11		22 s18 22 19	0 s23 0 24	0s16 0 17		15n31 15 31	0 s25 0 25	6n 0	1n 3	23n 3 23 3			22 s17 22 16			5 s27 5 28
T 3 W 4	17 41 17 25	21 10 2	4 10		0 30 0 21	21 23	2 4	22 16 22 22	2 44		0 24 0 24	0 18 0 19	2 27		0 25 0 25	5 59 5 58	1 3	23 3 23 2	2 40	22 27	22 16 22 15	21 40	17 58	5 28 5 28
T 5 F 6 S 7	17 9 16 53 16 37		3 8	9 27 8 48 8 8	0 4	21 26 21 29 21 31		22 27 22 33 22 39	2 44	22 22 22 23 22 24	0 24 0 24 0 24	0 20 0 21 0 22	2 28	15 31 15 32 15 32		5 58 5 57 5 56	1 3 1 3 1 3	23 2 23 2 23 2	2 40	22 25	22 15 22 15 22 14	21 41	17 57	5 29 5 29 5 29
S 8 M 9 T 10 W11 T 12	16 20 16 3 15 46 15 28 15 10	5 22 5 0 17 5 4s39 4 9 16 4	5 0 7 5 3 6 1 50 6 1 22 5	7 29 6 50 6 12 5 34 4 56	0 14 0 24 0 33 0 43	21 33 21 34 21 35 21 35 21 35	1 51 1 48 1 44 1 41	22 44 22 50 22 55 23 1	2 44 2 44 2 44 2 44	22 25 22 26 22 27 22 28 22 29	0 24 0 24 0 24 0 24 0 25	0 23 0 24 0 25 0 26 0 27	2 28 2 28	15 32 15 32 15 32 15 32	0 25 0 25 0 25 0 25	5 55 5 55 5 54 5 53 5 52	1 3 1 3 1 3 1 3 1 3	23 1 23 1 23 1 23 1 23 1 23 0	2 40 2 40 2 40 2 41	22 23 22 22 22 21 22 20	22 14 22 13 22 13 22 12 22 12	21 41 21 42 21 42 21 42	17 57 17 56 17 56 17 56	5 30 5 30 5 31 5 31 5 31
F 13 S 14	14 52	16 51 2	2 55 4	4 19 3 43	1 3	21 34 21 33	1 34		2 43	22 30 22 31	0 25 0 25 0 25	0 29 0 30	2 29		0 25	5 51 5 51	1 3 1 3	23 0 23 0 23 0	2 41	22 19	22 12 22 12 22 11	21 43	17 55	5 32 5 32
S 15 M16 T 17 W18 T 19 F 20 S 21		22 20 0 22 15 1 21 8 2 19 1 3 15 57 3	On 4 2 7 1 1 2 7 1 3 3 (0 5 5 1 (0 5 5 1)	3 7 2 33 1 59 1 26 0 54 0 23 0 s 7	1 23 1 34 1 44 1 54 2 5 2 15 2 26	21 25 21 21 21 17 21 12	1 23 1 20 1 16 1 13 1 9	23 34 23 40 23 45 23 51	2 43 2 43 2 43 2 42 2 42	22 33	0 25 0 25 0 25 0 25 0 25 0 25 0 25 0 25	0 31 0 32 0 34 0 35 0 37 0 38 0 39	2 30 2 30 2 30	15 33 15 33 15 33 15 33	0 25 0 25 0 25 0 26 0 26	5 50 5 49 5 48 5 47 5 47 5 46 5 45	1 3 1 3 1 3 1 3 1 3 1 3		2 41 2 41 2 41 2 41 2 41	22 19	22 9 22 9	21 44	17 54 17 53 17 53 17 52 17 52	5 33 5 33 5 33 5 34 5 34 5 35 5 35
S 22 M23 T 24 W25 T 26 F 27 S 28		2 36 5 2n34 4 7 40 4 12 26 3	5 1 1 5 3 1 5 27 1 5 46 2 5 50 2	0 35 1 2 1 27 1 51 2 13 2 32 2 50	3 6 3 15 3 24	-	0 58 0 55 0 51 0 47 0 44		2 41 2 41 2 41 2 40 2 40	22 37 22 38 22 39 22 39 22 40 22 40	0 25 0 25 0 25 0 26 0 26 0 26 0 26	0 41 0 42 0 44 0 46 0 47 0 49 0 50	2 31 2 32 2 32 2 32 2 32 2 32		0 26 0 26 0 26 0 26 0 26	5 44 5 43 5 42 5 42 5 41 5 40 5 39	1 3 1 3 1 3 1 3 1 3 1 3	22 58 22 58 22 57 22 57 22 57 22 57		22 9 22 8 22 8	22 7 22 7 22 6 22 6 22 6 22 5	21 46 21 46 21 47 21 47 21 47 21 47 21 48	17 51 17 50 17 50 17 49 17 49	5 36 5 36 5 37 5 37 5 37 5 38 5 38
S 29 M30 T 31	9 14	22 18 0	s43	3 5 3 18 3 s28	3 41 3 49 3 s 5 6		0 33	24 35 24 40 24 s44	2 39	22 41 22 41 22 s42	0 26 0 26 0 s26	0 52 0 54 0 s55	2 33	15 32 15 32 15n32	0 26	5 38 5 37 5n36	1 3 1 3 1n 3		2 42 2 42 2n42	22 8		21 48 21 48 21 s48	17 47	5 39 5 39 5 s40

 $\label{eq:Julian Day Number = 2428746.5, Delta T = 24.04 sec} \\ Ecliptic obliquity = 23°26'48, Nutation = 0°00'17, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 23°52'07, Lahiri = 22°59'07 \\$

SEPTEMBER 1937 00:00 UT

F 3 22 46 50																	
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S 4 22 50 47 11° 2'15 29° 7 29°15 4°42 13°28 17°39 3°17 13°36 18°24 29°27 10°41 10°31 7°19 0°22 S 4 S 5 22 54 44 12° 0'26 12m35 28°53 5°53 14° 3 17°37 3°13 13°35 18°27 29°28 10°29 10°28 7°26 0°24 S 5 M 6 22 58 40 12°839 25°47 28°26 7° 4 14°38 17°35 3° 9 13°34 18°29 29°30 10°16 10°25 7°33 0°27 M 6 T 7 23 23 33 14°55'10 21°16 27°11 9°26 15°49 17°32 3° 1 13°33 18°33 29°32 9°55 10°18 7°46 0°32 W 8 T 9 23 10 30 15°5328 3m33 18°31 18°36 29°33 9°48 10°12 7°53 0°35 T 9 S 10 23 14°26 16°570	T 2	22 42 54	9° 5'57		29 m 38	2°21	12°19	17 る 43	3 Υ 26	13 8 37		29°24	11 🗷 1	10°37	7° 6	0°16	T 2
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W 6	0 56 57	12°19'06	29°32	26°12	13°11	3°47	18°15	0°52	12°50	19°35	29°59	7°21	8°49	10°52	1°12	W 6
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F 8	1 4 50	14°17'34	23°42	29°19	15°37	5° 9	18°24	0°43	12°45	19°39	0Ω 0	7°12	8°43	11° 5	1°13	F 8
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S 10	1 12 43	16°16'09	17°20	2°35	18° 4	6°31	18°33	0°34	12°41	19°43	0° 1	7°12	8°37	11°18	1°R13	S 10
M11	1 16 39	17°15'30	29° 8	4°16	19°18	7°13	18°38	0°30	12°39	19°45	0° 2	7°13	8°33	11°25	1°13	M11
T 12	1 20 36	18°14'52	11 る 0	5°58	20°32	7°54	18°43	0°26	12°37	19°47	0° 3	7°14	8°30	11°32	1°13	T 12
W13	1 24 33	19°14'16	23° 3	7°40	21°45	8°36	18°48	0°21	12°35	19°49	0° 3	7°R14	8°27	11°38	1°13	W13
T 14	1 28 29	20°13'42	5≈22	9°24	22°59	9°18	18°54	0°17	12°32	19°51	0° 4	7°13	8°24	11°45	1°13	T 14
F 15	1 32 26	21°13'09	18° 1	11° 7	24°13	10° 0	18°59	0°13	12°30	19°53	0° 4	7°10	8°21	11°52	1°12	F 15
S 16	1 36 22	22°12'38	1) 4	12°51	25°27	10°42	19° 5	0° 9	12°28	19°55	0° 4	7° 5	8°17	11°58	1°12	S 16
S 17	1 40 19	23°12'09	14°34	14°35	26°41	11°24	19°11	0° 5	12°26	19°57	0° 5	6°58	8°14	12° 5	1°11	S 17
M18	1 44 15	24°11'42	28°30	16°18	27°55	12° 6	19°17	0° 1	12°23	19°59	0° 5	6°51	8°11	12°12	1°11	M18
T 19	1 48 12	25°11'17	12 Y 49	18° 2	29° 9	12°48	19°23	29 米 57	12°21	20° 1	0° 5	6°44	8° 8	12°18	1°10	T 19
W20	1 52 8	26°10'54	27°27	19°45	0 ჲ 23	13°31	19°30	29°53	12°19	20° 2	0° 6	6°39	8° 5	12°25	1° 9	W20
T 21	1 56 5	27°10'32	12815	21°28	1°37	14°13	19°36	29°49	12°16	20° 4	0° 6	6°35	8° 2	12°32	1° 9	T 21
F 22	2 0 1	28°10'13	27° 7	23°10	2°51	14°56	19°43	29°45	12°14	20° 6	0° 6	6°33	7°58	12°38	1° 8	F 22
S 23	2 3 58	29° 9'56	11 Ⅱ 54	24°52	4° 6	15°38	19°50	29°41	12°12	20° 8	0° 7	6°D32	7°55	12°45	1° 7	S 23
S 24	2 7 55	OM 9'42	26°31	26°33	5°20	16°21	19°57	29°38	12° 9	20°10	0° 7	6°33	7°52	12°51	1° 6	S 24
M25	2 11 51	1° 9'29	10953	28°14	6°34	17° 4	20° 4	29°34	12° 7	20°12	0° 7	6°35	7°49	12°58	1° 4	M25
T 26	2 15 48	2° 9'19	24°58	29°55	7°48	17°47	20°12	29°30	12° 4	20°13	0° 7	6°36	7°46	13° 5	1° 3	T 26
W27	2 19 44	3° 9'11	8 Ω 45	1 M 35	9° 3	18°30	20°19	29°27	12° 2	20°15	0° 7	6°R36	7°43	13°11	1° 2	W27
T 28	2 23 41	4° 9'05	22°15	3°14	10°17	19°13	20°27	29°23	11°59	20°17	0° 7	6°35	7°39	13°18	1° 1	T 28
F 29	2 27 37	5° 9'01	5 m 28	4°53	11°32	19°56	20°35	29°20	11°57	20°19	0° 8	6°32	7°36	13°25	0°59	F 29
S 30	2 31 34	6° 9'00	18°26	6°32	12°46	20°40	20°43	29°17	11°55	20°20	0° 8	6°28	7°33	13°31	0°58	S 30
S 31	2 35 30	7 M 9'01	1 ≏ 10	8 M .10	14 ♀ 1	21 る 23	20 ට 51	29) 14	11852	20 m 22	0 N 8	6 ₹ 23	7 ₹ 30	13 × 38	0956	S 31

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F 1 S 2	2 s 5 6 3 1 9	8n26 4s57 3 39 5 4	5n21 1n20 5 2 1 28	9n53 1n 3 25 s4 9 28 1 5 25 4		22 s42 0 s27 22 41 0 27		15n20 0s26 15 19 0 26			21 s40 21 s4 21 39 21 4		
S 3 M 4 T 5 W 6	3 43 4 6 4 29 4 52	1 s 1 3 4 5 6 5 5 7 4 3 2 10 21 3 5 5 14 14 3 8	4 13 1 42 3 44 1 47 3 13 1 51	9 3 1 7 25 4 8 37 1 9 25 4 8 11 1 11 25 4 7 44 1 13 25 4	4 2 19 3 2 18 1 2 17	22 40 0 27 22 40 0 27 22 39 0 27	1 58 2 35 2 0 2 35 2 2 2 35	15 17 0 26 15 17 0 26	5 8 1 3 5 7 1 3 5 6 1 3	22 53 2 47 22 53 2 47 22 53 2 47	21 37 21 4 21 36 21 4 21 34 21 4 21 33 21 4	18 21 54 17 21 54 17 21 54	17 29 5 58 17 28 5 59 17 27 5 59
T 7 F 8 S 9		17 27 2 13 19 52 1 12 21 23 0 9	2 39 1 54 2 3 1 56 1 25 1 57		7 2 16	22 39 0 27 22 38 0 27 22 38 0 27	2 5 2 35		5 4 1 3	22 53 2 47	21 32 21 4 21 31 21 4 21 31 21 4	6 21 54	17 26 6 0
S 10 M11 T 12 W13 T 14 F 15 S 16	6 47 7 9 7 32	21 56 0n55 21 31 1 56 20 8 2 52 17 49 3 42 14 41 4 23 10 47 4 53 6 18 5 8		5 1 1 23 25 2 4 34 1 24 25 2 4 6 1 26 25 1 3 37 1 27 25 1	8 2 14 5 2 13 2 2 12 8 2 11 4 2 10	22 37 0 28 22 36 0 28 22 36 0 28 22 35 0 28 22 34 0 28 22 33 0 28 22 33 0 28	2 10 2 35 2 12 2 35 2 14 2 35 2 15 2 35 2 17 2 35	15 13 0 26 15 12 0 26	5 2 1 3 5 1 1 3 5 0 1 3 5 0 1 3 4 59 1 4	22 53 2 48 22 53 2 48	21 31 21 4 21 30 21 4	14 21 54 14 21 54 13 21 54 13 21 54 12 21 54	17 25 6 2 17 24 6 2 17 23 6 3 17 23 6 4 17 22 6 4
S 17 M18 T 19 W20 T 21 F 22 S 23	10 50	1 21 5 7 3n48 4 48 8 55 4 11 13 37 3 17 17 33 2 8 20 21 0 51 21 44 0s29	4 13 1 39 4 57 1 35 5 41 1 30 6 25 1 25 7 9 1 19 7 52 1 14 8 35 1 8	2 41 1 29 25 2 12 1 30 25 1 44 1 31 24 5 1 15 1 32 24 5 0 46 1 33 24 4 0 17 1 33 24 4	6 2 9 1 2 8 6 2 7 1 2 6 6 2 5 0 2 4	22 32 0 28 22 31 0 28 22 30 0 28 22 29 0 28 22 29 0 28 22 27 0 28 22 26 0 28	2 22 2 35	15 8 0 26 15 7 0 26 15 7 0 26 15 6 0 26	4 57 1 4 4 57 1 4 4 56 1 4 4 55 1 4 4 55 1 4 4 54 1 4	22 53 2 48 22 53 2 49 22 53 2 49	21 29 21 4 21 28 21 4 21 26 21 4 21 26 21 4 21 25 21 3 21 24 21 3 21 24 21 3	11 21 54 11 21 54 10 21 54 10 21 54 19 21 54 19 21 54	17 21 6 5 17 21 6 6 17 20 6 6 17 20 6 7 17 19 6 7 17 18 6 8
S 24 M25 T 26 W27 T 28 F 29 S 30 S 31	11 32 11 53 12 14 12 34 12 54 13 15 13 35 13 s54	20 4 2 57 17 18 3 54 13 37 4 37 9 19 5 3 4 39 5 13 0s 7 5 6	9 17 1 2 9 59 0 56 10 41 0 49 11 21 0 43 12 2 0 36 12 41 0 30 13 20 0 23 13 s58 0n16	1 9 1 35 24 2 1 38 1 35 24 1 2 7 1 36 24 2 36 1 36 24 3 5 1 36 23 5 3 34 1 36 23 4	2 2 2 2 6 2 1 9 2 0 2 1 59 5 1 58 7 1 57	22 25 0 28 22 24 0 28 22 23 0 28 22 22 0 28 22 21 0 28 22 20 0 28 22 19 0 28 22 19 0 28 22 218 0s28	2 30 2 34 2 32 2 34 2 33 2 34 2 34 2 34 2 35 2 33 2 37 2 33 2 38 2 33 2 39 2 2 33	15 4 0 26 15 3 0 26 15 2 0 26 15 2 0 26 15 1 0 26	4 52 1 4 4 51 1 4 4 50 1 4 4 50 1 4 4 49 1 4	22 54 2 50 22 54 2 50	21 25 21 3 21 24 21 3 21 24 21 3 21 24 21 3	7 21 54 66 21 54 66 21 54 65 21 54 65 21 54	17 17 6 10 17 16 6 10 17 16 6 11 17 15 6 11 17 15 6 12

 $\label{eq:Julian Day Number = 2428807.5, Delta T = 24.04 sec} \\ Ecliptic obliquity = 23°26'48, Nutation = 0°00'16, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 23°52'15, Lahiri = 22°59'15} \\$

NOVEMBER 1937 00:00 UT

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Day	Sid.t	0	D	ğ	φ	♂	4	ħ)∤(卉	В	u	v	Ç	ķ	Day
M 1	2 39 27	8M 9'03	13 ≏ 42	9 M .47	15 ≏ 16	22중 7	20 궁 59	29°R11	11°R50	20 m 24	0°R 8	6°R18	7 .₹ 27	13 ∡ 745	0°R54	M 1
T 2	2 43 24	9° 9'08	26° 2	11°24	16°30	22°50	21° 7	29 米 8	11847	20°25	0Ω 8	6 ₹ 13	7°23	13°51	0ഇ53	T 2
W 3	2 47 20	10° 9'15	8 M .11	13° 1	17°45	23°34	21°16	29° 5	11°45	20°27	0° 8	6° 9	7°20	13°58	0°51	W 3
T 4	2 51 17	11° 9'23	20°12	14°37	19° 0	24°18	21°24	29° 2	11°42	20°28	0° 8	6° 7	7°17	14° 5	0°49	T 4
F 5	2 55 13	12° 9'33	2 √ 5	16°13	20°14	25° 2	21°33	28°59	11°40	20°30	0° 7	6°D 6	7°14	14°11	0°47	F 5
S 6	2 59 10	13° 9'45	13°54	17°48	21°29	25°45	21°42	28°56	11°37	20°31	0° 7	6° 6	7°11	14°18	0°45	S 6
S 7	3 3 6	14° 9'59	25°40	19°23	22°44	26°29	21°51	28°54	11°35	20°33	0° 7	6° 7	7° 8	14°25	0°43	S 7
M 8	3 7 3	15°10'15	7 云 27	20°57	23°59	27°13	22° 0	28°51	11°32	20°34	0° 7	6° 9	7° 4	14°31	0°41	M 8
T 9	3 10 59	16°10'32	19°20	22°32	25°14	27°57	22° 9	28°49	11°30	20°36	0° 7	6°11	7° 1	14°38	0°38	T 9
W10	3 14 56	17°10'50	1≈21	24° 5	26°29	28°42	22°19	28°46	11°27	20°37	0° 7	6°12	6°58	14°44	0°36	W10
T 11	3 18 53	18°11'10	13°37	25°39	27°44	29°26	22°28	28°44	11°25	20°39	0° 6	6°R13	6°55	14°51	0°34	T 11
F 12	3 22 49	19°11'31	26°12	27°12	28°58	0≈10	22°38	28°42	11°22	20°40	0° 6	6°13	6°52	14°58	0°31	F 12
S 13	3 26 46	20°11'53	9 X 9	28°45	0 M .13	0°54	22°48	28°40	11°20	20°41	0° 6	6°12	6°49	15° 4	0°29	S 13
S 14	3 30 42	21°12'17	22°33	0 ∡ 18	1°28	1°39	22°58	28°38	11°18	20°43	0° 5	6°10	6°45	15°11	0°26	S 14
M15	3 34 39	22°12'43	6 Υ 25	1°50	2°43	2°23	23° 8	28°36	11°15	20°44	0° 5	6° 8	6°42	15°18	0°23	M15
T 16	3 38 35	23°13'09	20°44	3°22	3°58	3° 8	23°18	28°35	11°13	20°45	0° 5	6° 7	6°39	15°24	0°21	T 16
W17	3 42 32	24°13'38	5 8 26	4°54	5°13	3°52	23°28	28°33	11°10	20°46	0° 4	6° 5	6°36	15°31	0°18	W17
T 18	3 46 28	25°14'07	20°26	6°25	6°29	4°37	23°38	28°31	11°8	20°48	0° 4	6° 4	6°33	15°38	0°15	T 18
F 19	3 50 25	26°14'38	5 Ⅱ 35	7°57	7°44	5°22	23°49	28°30	11° 6	20°49	0° 3	6°D 4	6°29	15°44	0°12	F 19
S 20	3 54 22	27°15'11	20°44	9°28	8°59	6° 6	23°59	28°29	11° 3	20°50	0° 3	6° 4	6°26	15°51	0° 9	S 20
S 21	3 58 18	28°15'46	59644	10°58	10°14	6°51	24°10	28°27	11° 1	20°51	0° 2	6° 5	6°23	15°58	0° 6	S 21
M22	4 2 15	29°16'22	20°27	12°29	11°29	7°36	24°21	28°26	10°58	20°52	0° 2	6° 5	6°20	16° 4	0° 3	M22
T 23	4 6 11	0 ₮ 17'00	$4\Omega 47$	13°59	12°44	8°20	24°32	28°25	10°56	20°53	0° 1	6° 6	6°17	16°11	0° 0	T 23
W24	4 10 8	1°17'39	18°44	15°29	13°59	9° 5	24°42	28°24	10°54	20°54	0° 1	6° 6	6°14	16°18	29∏57	W24
T 25	4 14 4	2°18'20	2 Mp 16	16°58	15°15	9°50	24°54	28°24	10°52	20°55	0° 0	6°R 6	6°10	16°24	29°54	T 25
F 26	4 18 1	3°19'03	15°25	18°28	16°30	10°35	25° 5	28°23	10°49	20°56	29959	6° 6	6° 7	16°31	29°51	F 26
S 27	4 21 57	4°19'47	28°14	19°56	17°45	11°20	25°16	28°22	10°47	20°57	29°59	6° 6	6° 4	16°37	29°47	S 27
S 28	4 25 54	5°20'33	10 ≏ 45	21°25	19° 0	12° 5	25°27	28°22	10°45	20°58	29°58	6° 6	6° 1	16°44	29°44	S 28
M29	4 29 51	6°21'20	23° 2	22°52	20°16	12°50	25°39	28°21	10°43	20°59	29°58	6°D 6	5°58	16°51	29°41	M29
T 30	4 33 47	7 ₹ 22'09	5 M 8	24 × 120	21 M 31	13≈35	25 궁 50	28 米 21	10841	21 mg 0	29957	6 ₹ 6	5 ₹ 55	16 ₹ 57	29 Ⅲ 37	T 30

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M 1	14 s14	9s14 4s	9 14s36	0n10	4 s 3 2 1 n 3	6 23 s32	1 s55	22 s16	0 s28	2 s40	2 s33	14n59	0s26	4n47	1n 4	22n54	2n51	21 s22	21 s34	21 s54	17n13	6s13
T 2	14 33	13 12 3 2	3 15 13	0 3	5 1 1 3	6 23 24	1 54	22 15	0 28	2 41	2 33	14 58	0 26	4 47	1 4	22 55	2 51	21 21	21 33	21 54	17 13	6 14
W 3	14 52	16 34 2 2	8 15 49	0s 4	5 29 1 3	6 23 15	1 53	22 14	0 28	2 42	2 33	14 57	0 26	4 46	1 4	22 55	2 51	21 21	21 32	21 54	17 12	6 14
T 4	-	19 11 1 2		0 11	5 58 1 3			22 12	0 28	2 43	2 32			4 46	1 4			21 20				6 15
F 5		20 57 0 2				5 22 58		22 11	0 28	2 44		14 56		4 45				21 20				6 15
S 6	15 48	21 46 0n4	3 17 32	0 24	6 55 1 3	5 22 49	1 51	22 10	0 28	2 45	2 32	14 55	0 26	4 44	1 4	22 55	2 51	21 20	21 31	21 53	17 11	6 16
S 7	16 6	21 37 1 4	6 18 4	0 31	7 23 1 3	4 22 39	1 50	22 8	0 28	2 46	2 32	14 54	0 26	4 44	1 4	22 55	2 51	21 20	21 30	21 53	17 10	6 16
M 8	16 23	20 30 2 4	5 18 36	0 37	7 51 1 3	4 22 30	1 49	22 7	0 28	2 47	2 32	14 53	0 26	4 43	1 4	22 55	2 52	21 20	21 30	21 53	17 10	6 17
T 9	16 41	18 28 3 3	7 19 7	0 44	8 19 1 3	-		22 5	0 28	2 47	2 31	14 53	0 26	4 43	1 4	22 56		21 21				6 17
W10	16 58	15 38 4 2		0 50	8 47 1 3				0 28	2 48	2 31	14 52	0 26	4 42		22 56		21 21				6 18
T 11	17 15	12 4 4 5	3 20 5	0 56	9 14 1 3			22 2	0 28	2 49	2 31	14 51	0 26	4 42	1 4	22 56		21 21				6 18
F 12	17 32		2 20 33			1 21 50		22 1	0 28	2 49		14 50		4 41				21 21				6 19
S 13	17 48	3 15 5 1	6 21 0	1 8 1	0 9 1 3	0 21 39	1 44	21 59	0 28	2 50	2 31	14 50	0 26	4 41	1 4	22 56	2 52	21 21	21 27	21 52	17 8	6 19
S 14	18 4	1n42 5	4 21 26	1 14 1	0 36 1 2	9 21 28	1 43	21 58	0 28	2 51	2 31	14 49	0 26	4 40	1 5	22 57	2 52	21 21	21 27	21 52	17 7	6 19
M15	18 20	6 44 4 3	4 21 50	1 20 1	1 3 1 2	8 21 17	1 42	21 56	0 28	2 51	2 30	14 48	0 26	4 40	1 5	22 57	2 53	21 20	21 26	21 52	17 7	6 20
T 16	18 35	11 35 3 4	6 22 14	1 26 1	1 29 1 2	7 21 6	1 41	21 54	0 28	2 52	2 30	14 47	0 26	4 39	1 5	22 57	2 53	21 20	21 26	21 52	17 6	6 20
W17			2 22 37			6 20 55		21 52	0 29	2 52	2 30	14 47	0 26	4 39	1 5	22 57		21 20				6 21
T 18			6 22 58			5 20 43		21 51	0 29	2 53		14 46		4 38	1 5			21 20				6 21
F 19	19 19		3 23 18			3 20 31		21 49	0 29	2 53		14 45		4 38		22 58		21 20				6 22
S 20	19 33	21 47 1 s2	1 23 38	1 46 1	3 12 1 2	2 20 19	1 37	21 47	0 29	2 53	2 29	14 44	0 26	4 38	1 5	22 58	2 53	21 20	21 23	21 51	17 5	6 22
S 21	19 47	20 42 2 3	8 23 56	1 51 1	3 37 1 2	1 20 7	1 36	21 45	0 29	2 54	2 29	14 44	0 26	4 37	1 5	22 58	2 53	21 20	21 23	21 51	17 4	6 22
M22	20 0	18 13 3 4	3 24 12	1 55 1	4 2 1 1	9 19 54	1 35	21 43	0 29	2 54	2 29	14 43	0 26	4 37	1 5	22 58	2 54	21 20	21 22	21 51	17 4	6 23
T 23	20 13	14 40 4 3	2 24 28	1 59 1	4 26 1 1	8 19 42	1 34	21 42	0 29	2 54	2 29	14 42	0 26	4 36	1 5	22 59	2 54	21 20	21 22	21 51	17 4	6 23
W24	20 26	-	4 24 42	-	4 50 1 1	6 19 29		21 40	0 29	2 54	2 28	14 42	0 26	4 36	1 5	22 59		21 20		_		6 23
T 25	20 38	5 44 5 1	7 24 55			5 19 16		21 38	0 29	2 54	2 28	14 41	0 26	4 36	1 5	22 59		21 20				6 24
	20 50		4 25 7	2 10 1		3 19 3		21 36	0 29	2 54		14 40		4 35				21 20				6 24
S 27	21 1	3 s48 4 5	5 25 17	2 13 1	5 59 1 1	1 18 49	1 30	21 34	0 29	2 54	2 28	14 40	0 26	4 35	1 5	23 0	2 54	21 20	21 20	21 50	17 2	6 24
S 28	21 12	8 16 4 2	2 25 26	2 16 1	6 22 1 1	0 18 36	1 29	21 32	0 29	2 54	2 28	14 39	0 26	4 35	1 5	23 0	2 54	21 20	21 19	21 50	17 2	6 25
M29	21 23	12 19 3 3	8 25 33	2 18 1	6 44 1	8 18 22	1 28	21 30	0 29	2 54	2 27	14 38	0 26	4 35	1 5	23 0	2 54	21 20	21 18	21 50	17 2	6 25
T 30	21 s33	15 s49 2 s4	4 25 s39	2 s 2 0 1	7s 5 1n	6 18 s 8	1 s27	21 s27	0 s29	2 s 5 4	2 s27	14n38	0 s 2 6	4n34	1n 5	23n 1	2n55	21 s20	21 s18	21 s49	17n 1	6 s25

 $\label{eq:Julian Day Number = 2428838.5, Delta T = 24.05 sec} \\ Ecliptic obliquity = 23°26'47, Nutation = 0°00'15, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 23°52'19, Lahiri = 22°59'20 \\$

DECEMBER 1937 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂ [™]	24	ħ)∤(并	В	n	Ω	Ç	ķ	Day
W 1	4 37 44	8 × ⁷ 22'59	17 M 6	25 × ⁷ 46	22 M .46	14≈20	₂₆ ප 2	28°R21	10°R39	21 m 0	29°R56	6 x ⁷ 6	5 × 751	17 ×7 4	29°R34	W 1
T 2	4 41 40	9°23'51	28°58	27°12	24° 2	15° 5	26°14	28°D21	10836	21° 1	29955	6° 6	5°48	17°11	29 I I30	T 2
F 3	4 45 37	10°24'43	10 ∡ 747	28°37	25°17	15°50	26°25	28 \(\frac{1}{2}\)	10°34	21° 2	29°55	6°R 6	5°45	17°17	29°27	F 3
S 4	4 49 33	11°25'37	22°34	0ට 1	26°32	16°36	26°37	28°21	10°32	21° 3	29°54	6° 6	5°42	17°24	29°23	S 4
S 5	4 53 30	12°26'32	4 궁 22	1°23	27°48	17°21	26°49	28°22	10°30	21° 3	29°53	6° 6	5°39	17°31	29°20	S 5
M 6	4 57 26	13°27'28	16°13	2°44	29° 3	18° 6	27° 1	28°22	10°28	21° 4	29°52	6° 5	5°35	17°37	29°16	M 6
T 7	5 1 23	14°28'25	28°10	4° 4	0 √ 19	18°51	27°13	28°22	10°26	21° 4	29°51	6° 4	5°32	17°44	29°12	T 7
W 8	5 5 20	15°29'22	10≈15	5°21	1°34	19°37	27°26	28°23	10°24	21° 5	29°50	6° 2	5°29	17°51	29° 9	W 8
T 9	5 9 16	16°30'20	22°32	6°37	2°49	20°22	27°38	28°24	10°23	21° 5	29°50	6° 1	5°26	17°57	29° 5	T 9
F 10	5 13 13	17°31'19	5) 4	7°49	4° 5	21° 7	27°50	28°25	10°21	21° 6	29°49	6° 0	5°23	18° 4	29° 1	F 10
S 11	5 17 9	18°32'18	17°56	8°59	5°20	21°53	28° 3	28°25	10°19	21° 6	29°48	6°D 0	5°20	18°11	28°58	S 11
S 12	5 21 6	19°33'18	1 Y 10	10° 6	6°36	22°38	28°15	28°26	10°17	21° 7	29°47	6° 0	5°16	18°17	28°54	S 12
M13	5 25 2	20°34'19	14°49	11° 8	7°51	23°23	28°28	28°28	10°15	21° 7	29°46	6° 1	5°13	18°24	28°50	M13
T 14	5 28 59	21°35'20	28°55	12° 6	9° 6	24° 9	28°41	28°29	10°14	21° 8	29°45	6° 2	5°10	18°30	28°46	T 14
W15	5 32 55	22°36'21	13 8 25	12°58	10°22	24°54	28°53	28°30	10°12	21° 8	29°44	6° 3	5° 7	18°37	28°42	W15
T 16	5 36 52	23°37'23	28°18	13°45	11°37	25°39	29° 6	28°32	10°11	21° 8	29°43	6° 4	5° 4	18°44	28°39	T 16
F 17	5 40 49	24°38'26	13 Ⅱ 27	14°24	12°53	26°25	29°19	28°33	10° 9	21° 8	29°42	6°R 4	5° 1	18°50	28°35	F 17
S 18	5 44 45	25°39'29	28°42	14°56	14° 8	27°10	29°32	28°35	10° 7	21° 9	29°41	6° 3	4°57	18°57	28°31	S 18
S 19	5 48 42	26°40'33	13954	15°19	15°24	27°56	29°45	28°37	10° 6	21° 9	29°40	6° 1	4°54	19° 4	28°27	S 19
M20	5 52 38	27°41'38	28°53	15°33	16°39	28°41	29°58	28°39	10° 4	21° 9	29°39	5°58	4°51	19°10	28°23	M20
T 21	5 56 35	28°42'43	13 N 31	15°R37	17°54	29°26	0≈11	28°41	10° 3	21° 9	29°37	5°55	4°48	19°17	28°19	T 21
W22	6 0 31	29°43'48	27°43	15°29	19°10	0 ₩12	0°24	28°43	10° 2	21° 9	29°36	5°52	4°45	19°24	28°15	W22
T 23	6 4 28	0 궁 44'55	11 m 25	15°10	20°25	0°57	0°37	28°45	10° 0	21° 9	29°35	5°50	4°41	19°30	28°12	T 23
F 24	6 8 25	1°46'02	24°40	14°39	21°41	1°43	0°50	28°47	9°59	21°R 9	29°34	5°48	4°38	19°37	28° 8	F 24
S 25	6 12 21	2°47'10	7 ≙ 30	13°57	22°56	2°28	1° 4	28°50	9°58	21° 9	29°33	5°D48	4°35	19°44	28° 4	S 25
S 26	6 16 18	3°48'18	19°58	13° 3	24°12	3°13	1°17	28°52	9°57	21° 9	29°32	5°49	4°32	19°50	28° 0	S 26
M27	6 20 14	4°49'27	2 m 9	12° 0	25°27	3°59	1°31	28°55	9°56	21° 9	29°31	5°51	4°29	19°57	27°56	M27
T 28	6 24 11	5°50'37	14° 7	10°49	26°43	4°44	1°44	28°57	9°54	21° 9	29°29	5°53	4°26	20° 4	27°52	T 28
W29	6 28 7	6°51'47	25°58	9°31	27°58	5°30	1°57	29° 0	9°53	21° 9	29°28	5°54	4°22	20°10	27°48	W29
T 30	6 32 4	7°52'57 8 る 54'08	7 . 7⁴45 19 . 7³32	8°10	29°14	6°15	2°11	29° 3	9°52	21° 9	29°27	5°R55	4°19	20°17	27°45	T 30 F 31
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Julian Day Number = 2428868.5, Delta T = 24.05 sec Ecliptic obliquity = $23^{\circ}26'46$, Nutation = $0^{\circ}00'15$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $23^{\circ}52'23$, Lahiri = $22^{\circ}59'24$