

Astrodienst Ephemeris Tables for the year 2258

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 2258 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂	4	ħ	γ	¥	Р	R	ຄ	Ç	ę,	Day
F 1	6 41 55	10る14'24	19 M 8	18 궁 34	26 궁 17	4 8 7	28 궁 39	19≈ 8	11 米 9	4°R32	6 ප 43	24°R35	25 mg 6	21≈13	23≈29	F 1
S 2	6 45 51	11°15'32	1 才 59	20°11	27°32	4°28	28°53	19°14	11°11	4 m 31	6°45	24 Mp 27	25° 2	21°20	23°33	S 2
S 3	6 49 48	12°16'42	14°39	21°48	28°48	4°49	29° 6	19°20	11°13	4°30	6°47	24°16	24°59	21°27	23°37	S 3
M 4	6 53 44	13°17'52	27° 8	23°25	0≈ 3	5°11	29°20	19°26	11°16	4°30	6°49	24° 3	24°56	21°33	23°40	M 4
T 5	6 57 41	14°19'01	9 る 28	25° 2	1°18	5°34	29°34	19°33	11°18	4°29	6°51	23°49	24°53	21°40	23°44	T 5
W 6	7 1 38	15°20'11	21°38	26°39	2°33	5°56	29°48	19°39	11°20	4°28	6°54	23°36	24°50	21°47	23°48	W 6
T 7	7 5 34	16°21'22	3≈39	28°16	3°48	6°19	0≈ 2	19°45	11°22	4°27	6°56	23°24	24°46	21°53	23°52	T 7
F 8	7 9 3 1	17°22'32	15°33	29°53	5° 3	6°43	0°16	19°52	11°25	4°26	6°58	23°15	24°43	22° 0	23°56	F 8
S 9	7 13 27	18°23'41	27°21	1≈30	6°19	7° 7	0°30	19°58	11°27	4°25	7° 0	23° 9	24°40	22° 7	24° 0	S 9
S 10	7 17 24	19°24'51	9) 8	3° 6	7°34	7°31	0°44	20° 5	11°29	4°24	7° 2	23° 6	24°37	22°13	24° 4	S 10
M11	7 21 20	20°26'00	20°55	4°42	8°49	7°55	0°58	20°11	11°32	4°22	7° 4	23°D 5	24°34	22°20	24° 8	M11
T 12	7 25 17	21°27'09	2 Υ 49	6°17	10° 4	8°20	1°12	20°18	11°34	4°21	7° 7	23° 5	24°31	22°27	24°12	T 12
W13	7 29 13	22°28'18	14°54	7°51	11°19	8°45	1°26	20°24	11°37	4°20	7° 9	23° 6	24°27	22°33	24°16	W13
T 14	7 33 10	23°29'26	27°16	9°24	12°34	9°10	1°40	20°31	11°39	4°19	7°11	23°R 6	24°24	22°40	24°20	T 14
F 15	7 37 7	24°30'34	9 8 59	10°55	13°49	9°36	1°54	20°38	11°42	4°18	7°13	23° 4	24°21	22°47	24°24	F 15
S 16	7 41 3	25°31'41	23° 9	12°25	15° 4	10° 2	2° 8	20°45	11°44	4°17	7°15	23° 1	24°18	22°53	24°28	S 16
S 17	7 45 0	26°32'48	6 Ⅱ 48	13°52	16°19	10°28	2°22	20°51	11°47	4°15	7°17	22°55	24°15	23° 0	24°32	S 17
M18	7 48 56	27°33'54	20°56	15°17	17°34	10°54	2°36	20°58	11°50	4°14	7°19	22°48	24°12	23° 7	24°36	M18
T 19	7 52 53	28°34'59	5932	16°39	18°49	11°21	2°50	21° 5	11°52	4°13	7°21	22°39	24° 8	23°13	24°40	T 19
W20	7 56 49	29°36'04	20°30	17°58	20° 4	11°48	3° 5	21°12	11°55	4°12	7°23	22°30	24° 5	23°20	24°45	W20
T 21	8 0 46	0≈37'09	5 Ω 40	19°12	21°19	12°15	3°19	21°19	11°58	4°10	7°25	22°22	24° 2	23°27	24°49	T 21
F 22	8 4 43	1°38'13	20°52	20°21	22°34	12°43	3°33	21°26	12° 1	4° 9	7°27	22°17	23°59	23°33	24°53	F 22
S 23	8 8 39	2°39'16	5 m 56	21°24	23°49	13°10	3°47	21°32	12° 3	4° 8	7°29	22°13	23°56	23°40	24°58	S 23
S 24	8 12 36	3°40'19	20°44	22°20	25° 4	13°38	4° 1	21°39	12° 6	4° 6	7°31	22°D12	23°52	23°47	25° 2	S 24
M25	8 16 32	4°41'22	5 Ω 11	23° 9	26°19	14° 6	4°15	21°46	12° 9	4° 5	7°33	22°13	23°49	23°53	25° 6	M25
T 26	8 20 29	5°42'24	19°13	23°50	27°34	14°35	4°29	21°53	12°12	4° 3	7°35	22°14	23°46	24° 0	25°11	T 26
W27	8 24 25	6°43'27	2ML51	24°22	28°48	15° 3	4°44	22° 0	12°15	4° 2	7°37	22°R15	23°43	24° 7	25°15	W27
T 28	8 28 22	7°44'28	16° 7	24°44	0 ★ 3	15°32	4°58	22° 7	12°18	4° 0	7°39	22°14	23°40	24°13	25°19	T 28
F 29	8 32 18	8°45'30	29° 4	24°R55	1°18	16° 1	5°12	22°15	12°21	3°59	7°41	22°12	23°37	24°20	25°24	F 29
S 30	8 36 15	9°46'30	11 × 743	24°55	2°33	16°30	5°26	22°22	12°24	3°58	7°43	22° 8	23°33	24°27	25°28	S 30
S 31	8 40 12	10≈47'31	24 × 10	24≈43	3){ 47	16 8 59	5≈40	22≈29	12 米 27	3 m 56	7 云 45	22 Mg 2	23 Mp 30	24≈33	25≈33	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	23 s 1 22 56		24 s14 24 1			20s45 0s21 20 42 0 21					2n 9 2 12	1n57 11s41 1 58 11 39	7 s 5 6 n 5 7 5 4 6 4
S 3 M 4 T 5 W 6 T 7 F 8	22 44 22 38	18 21 5 1 18 14 4 51 17 17 4 27 15 33 3 51	22 34	2 10 21 27 1 23 2 10 21 12 1 24 2 9 20 57 1 25 2 8 20 40 1 26	3 14 20 1 11 14 29 1 12 5 14 37 1 13 5 14 46 1 14	20 39 0 21 20 37 0 22 20 34 0 22 20 31 0 22 20 28 0 22 20 25 0 22	15 57 1 2 15 55 1 2 15 53 1 2 15 51 1 3	8 2 0 45 8 1 0 45 8 0 0 45 7 59 0 45	10 23 0 34 10 23 0 34 10 23 0 34	18 12 5 2 18 12 5 2 18 12 5 2 18 12 5 2	2 17 2 22 2 27 2 32 2 37 2 40	1 59 11 38 2 1 11 37 2 2 11 35 2 3 11 34 2 4 11 32 2 6 11 31	7 53 6 4 7 52 6 3 7 51 6 3 7 50 6 3
S 9 S 10 M11	22 17 22 9 22 0 21 51	10 18 2 13 7 0 1 14	21 49 21 24 20 58	2 4 20 6 1 28	3 15 3 1 15 0 15 12 1 16	20 23 0 22 20 22 0 22 5 20 19 0 22 20 16 0 22	15 47 1 3 15 45 1 3	7 57 0 45	10 24 0 34 10 25 0 34	18 11 5 2 18 11 5 2	2 40 2 43 2 44 2 45	2 6 11 31 2 7 11 29 2 8 11 28 2 9 11 27	7 49 6 3 7 48 6 2 7 47 6 2 7 46 6 2
T 12 W13 T 14 F 15	21 42 21 32 21 22	0n20 0s52 4 6 1 54 7 48 2 53 11 14 3 44	20 31 20 2 19 33	1 54 19 9 1 31 1 49 18 49 1 32 1 44 18 29 1 32	15 29 1 18 2 15 38 1 19 2 15 47 1 19 3 15 56 1 20	20 13 0 22 20 10 0 22 20 7 0 22 20 4 0 22	15 41 1 3 15 39 1 3 15 37 1 3 15 35 1 3	7 55 0 45 7 54 0 45 7 53 0 45 7 52 0 45	10 26 0 34 10 26 0 34 10 26 0 34 10 27 0 34	18 11 5 2 18 11 5 2 18 11 5 2 18 11 5 2	2 45 2 44 2 44 2 45 2 46	2 11 11 25 2 12 11 24 2 13 11 22 2 14 11 21 2 16 11 19	7 45 6 2 7 44 6 1 7 43 6 1 7 41 6 1 7 40 6 1
S 17 M18 T 19 W20 T 21 F 22 S 23	20 37 20 25	18 0 5 6 18 19 4 58 17 23 4 31 15 13 3 44 11 59 2 41	16 16 15 43	1 14 17 2 1 34 1 4 16 40 1 35 0 54 16 16 1 35 0 42 15 52 1 35	16 23 1 22 5 16 32 1 23 5 16 41 1 24 5 16 50 1 24 5 16 59 1 25	19 52 0 23 19 49 0 23 19 45 0 23 19 42 0 23	15 29 1 3 15 26 1 3 15 24 1 3 15 22 1 3	7 49 0 45 7 48 0 45 7 46 0 45 7 45 0 45 7 44 0 45	10 29 0 34	18 11 5 2 18 11 5 2 18 11 5 2 18 11 5 2 18 11 5 1 18 11 5 1	2 48 2 51 2 55 2 58 3 1 3 4 3 5	2 17 11 18 2 18 11 17 2 19 11 15 2 21 11 14 2 22 11 12 2 23 11 11 2 24 11 9	7 38 6 0 7 37 6 0 7 36 6 0 7 35 5 59 7 33 5 59
S 24 M25 T 26 W27 T 28 F 29 S 30 S 31	19 18 19 4 18 49 18 34 18 18 18 3 17 46	0s59 1n10 5 20 2 21 9 17 3 22 12 38 4 10 15 17 4 45 17 8 5 5	13 34	0n13 14 13 1 35 0 29 13 47 1 35 0 46 13 21 1 35 1 3 12 55 1 34 1 21 12 28 1 34 1 39 12 0 1 34	5 17 25 1 26 5 17 34 1 27 5 17 43 1 27 1 17 52 1 28 1 18 1 1 28 1 18 10 1 29	19 29 0 23 19 26 0 23 19 23 0 24 19 19 0 24 19 16 0 24	15 13 1 3 15 11 1 3 15 9 1 3 15 7 1 3 15 4 1 3	7 41 0 45 7 40 0 45 7 39 0 45 7 38 0 45 7 36 0 45 7 35 0 45	10 32 0 34 10 33 0 34 10 33 0 34 10 34 0 34 10 35 0 34	18 10 5 1 18 10 5 1 18 10 5 1 18 10 5 1 18 10 5 1	3 5 3 5 3 5 3 4 3 4 3 5 3 7	2 26 11 8 2 27 11 6 2 28 11 5 2 30 11 4 2 31 11 2 2 32 11 1 2 33 10 59 2n35 10s58	7 30 5 59 7 28 5 58 7 27 5 58 7 26 5 58 7 25 5 58 7 23 5 58

Julian Day Number = 2545777.5, Delta T = 231.32 sec Ecliptic obliquity = $23^{\circ}24'11$, Nutation = $-0^{\circ}00'01$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $28^{\circ}20'46$, Lahiri = $27^{\circ}27'47$

FEBRUARY 2258 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂ [™]	4	ħ)∤(并	Р	u	v	Ç	, k	Day
M 1	8 44 8	11≈48'30	6 ප 24	24°R20	5 ∺ 2	17829	5≈54	22≈36	12) 30	3°R54	7 云 47	21°R55	23 m/27	24≈40	25≈37	M 1
T 2	8 48 5	12°49'29	18°30	23≈47	6°17	17°59	6° 9	22°43	12°33	3 m 53	7°49	21 m/47	23°24	24°47	25°41	T 2
W 3	8 52 1	13°50'27	0≈29	23° 2	7°31	18°29	6°23	22°50	12°36	3°51	7°51	21°40	23°21	24°53	25°46	W 3
T 4	8 55 58	14°51'24	12°23	22° 9	8°46	18°59	6°37	22°57	12°39	3°50	7°52	21°33	23°18	25° 0	25°50	T 4
F 5	8 59 54	15°52'20	24°12	21° 7	10° 1	19°29	6°51	23° 4	12°43	3°48	7°54	21°28	23°14	25° 7	25°55	F 5
S 6	9 3 51	16°53'16	6 ∺ 0	20° 0	11°15	19°59	7° 5	23°12	12°46	3°47	7°56	21°25	23°11	25°13	25°59	S 6
S 7	9 7 47	17°54'09	17°48	18°48	12°30	20°30	7°19	23°19	12°49	3°45	7°58	21°D24	23° 8	25°20	26° 4	S 7
M 8	9 11 44	18°55'02	29°38	17°35	13°44	21° 1	7°33	23°26	12°52	3°43	8° 0	21°24	23° 5	25°27	26° 8	M 8
T 9	9 15 40	19°55'54	11 Y 35	16°22	14°59	21°31	7°47	23°33	12°55	3°42	8° 1	21°25	23° 2	25°33	26°13	T 9
W10	9 19 37	20°56'44	23°42	15°11	16°13	22° 2	8° 1	23°40	12°59	3°40	8° 3	21°27	22°58	25°40	26°17	W10
T 11	9 23 34	21°57'32	6 8 3	14° 4	17°28	22°34	8°15	23°48	13° 2	3°39	8° 5	21°29	22°55	25°47	26°22	T 11
F 12	9 27 30	22°58'20	18°43	13° 2	18°42	23° 5	8°29	23°55	13° 5	3°37	8° 6	21°R30	22°52	25°53	26°27	F 12
S 13	9 31 27	23°59'05	1 Ⅱ 46	12° 7	19°56	23°36	8°43	24° 2	13° 8	3°35	8° 8	21°29	22°49	26° 0	26°31	S 13
S 14	9 35 23	24°59'50	15°15	11°19	21°11	24° 8	8°57	24° 9	13°12	3°34	8°10	21°28	22°46	26° 7	26°36	S 14
M15	9 39 20	26° 0'32	29°12	10°39	22°25	24°40	9°11	24°16	13°15	3°32	8°11	21°25	22°43	26°13	26°40	M15
T 16	9 43 16	27° 1'14	13937	10° 7	23°39	25°12	9°25	24°24	13°18	3°30	8°13	21°22	22°39	26°20	26°45	T 16
W17	9 47 13	28° 1'53	28°27	9°43	24°53	25°44	9°38	24°31	13°22	3°29	8°15	21°19	22°36	26°27	26°49	W17
T 18	9 51 9	29° 2'31	$13\Omega 34$	9°27	26° 8	26°16	9°52	24°38	13°25	3°27	8°16	21°16	22°33	26°33	26°54	T 18
F 19	9 55 6	0) 3′08	28°49	9°18	27°22	26°48	10° 6	24°45	13°28	3°25	8°18	21°14	22°30	26°40	26°58	F 19
S 20	9 59 3	1° 3'42	14Mp 3	9°D17	28°36	27°20	10°20	24°52	13°32	3°24	8°19	21°D13	22°27	26°47	27° 3	S 20
S 21	10 2 59	2° 4'16	29° 6	9°23	29°50	27°52	10°33	24°59	13°35	3°22	8°21	21°13	22°23	26°53	27° 7	S 21
M22	10 6 56	3° 4'48	13 ≏ 49	9°35	1 Υ 4	28°25	10°47	25° 7	13°39	3°20	8°22	21°13	22°20	27° 0	27°12	M22
T 23	10 10 52	4° 5'19	28° 8	9°54	2°17	28°58	11° 1	25°14	13°42	3°19	8°23	21°15	22°17	27° 7	27°16	T 23
W24	10 14 49	5° 5'49	11 M 59	10°18	3°31	29°30	11°14	25°21	13°45	3°17	8°25	21°16	22°14	27°13	27°21	W24
T 25	10 18 45	6° 6'17	25°24	10°48	4°45	0 Ⅱ 3	11°28	25°28	13°49	3°15	8°26	21°17	22°11	27°20	27°25	T 25
F 26	10 22 42	7° 6'45	8 ₹ 25	11°22	5°59	0°36	11°41	25°35	13°52	3°14	8°27	21°R17	22° 8	27°27	27°30	F 26
S 27	10 26 38	8° 7'11	21° 4	12° 1	7°13	1° 9	11°55	25°42	13°56	3°12	8°29	21°17	22° 4	27°33	27°34	S 27
S 28	10 30 35	9₩ 7'35	3 ප 25	12≈43	8 Y 26	1 Ⅱ 42	12 ≈ 8	25≈49	13 ¥ 59	3 m 10	8 云 30	21 m /16	22 Mp 1	27≈40	27≈39	S 28

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	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	dec	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	17 s13	18 s15	5n 0	11s17	2n14	11s 5	1 s33	18n27	1n30	19s 9	0 s 24	14 s 5 7	1 s 3	7 s3	0 s45	10n36	0n34	18s10	5n 1	3n12	2n36	10s56	7 s21	5n58
T 2	16 56	17 33	4 37	11 12	2 31	10 37	1 32	18 36	1 30	19 6	0 24	14 55	1 3	7 3	0 45	10 36	0 34	18 10	5 1	3 15	2 37	10 55	7 19	5 57
W 3	16 39	16 4	4 2	11 12	2 46	10 9	1 31	18 45	1 30	19 2	0 24	14 53	1 3	7 3	0 45	10 37	0 34	18 10	5 1	3 18	2 38	10 53	7 18	5 57
T 4	16 21	13 55	3 17	11 16	3 0	9 40	1 30	18 54	1 31	18 59	0 24	14 51	1 3	7 2	0 45	10 37	0 34	18 9	5 1	3 21	2 40	10 52	7 17	5 57
F 5	16 3	11 11	2 23	11 24	3 12	9 11	1 29	19 2	1 31	18 56	0 24	14 48	1 3	7 2	0 45	10 38	0 34	18 9	5 1	3 23	2 41	10 50	7 15	5 57
S 6	15 45	8 0	1 23	11 35	3 23	8 42	1 28	19 11	1 32	18 52	0 24	14 46	1 3	7 2	0 45	10 39	0 34	18 9	5 1	3 24	2 42	10 49	7 14	5 57
S 7	15 27	4 31	0 20	11 50	3 30	8 12	1 27	19 19	1 32	18 49	0 25	14 44	1 4	7 2	0 45	10 39	0 34	18 9	5 1	3 24	2 43	10 47	7 12	5 57
M 8	15 8	0 50	0s45	12 7	3 36	7 43	1 26	19 28	1 32	18 45	0 25	14 41	1 4	7 2	0 45	10 40	0 35	18 9	5 1	3 24	2 45	10 46	7 11	5 57
T 9	14 49	2n55	1 49	12 26	3 39	7 13	1 25	19 36	1 32	18 42	0 25	14 39	1 4	7 2	0 45	10 40	0 35	18 9	5 1	3 24	2 46	10 44	7 10	5 57
W10	14 30	6 35	2 48	12 46	3 39	6 43	1 24	19 45	1 33	18 38	0 25	14 37	1 4	7 2	0 45	10 41	0 35	18 9	5 1	3 23	2 47	10 43	7 8	5 57
T 11	14 10	10 2	3 41	13 7	3 38	6 13	1 23	19 53	1 33	18 35	0 25	14 34	1 4	7 2	0 45	10 42	0 35	18 9	5 1	3 22	2 48	10 42	7 7	5 56
F 12	13 50	13 7	4 25	13 28	3 34	5 43	1 21	20 1	1 33	18 31	0 25	14 32	1 4	7 1	0 45	10 42	0 35	18 9	5 1	3 22	2 50	10 40	7 5	5 56
S 13	13 30	15 38	4 56	13 49	3 28	5 12	1 20	20 9	1 34	18 28	0 25	14 30	1 4	7 1	0 45	10 43	0 35	18 9	5 1	3 22	2 51	10 39	7 4	5 56
S 14	13 10	17 24	5 13	14 9	3 20	4 41	1 18	20 17	1 34	18 24	0 25	14 27	1 4	7 1	0 44	10 43	0 35	18 8	5 1	3 23	2 52	10 37	7 2	5 56
M15	12 50	18 12	5 12	14 28	3 11	4 11	1 17	20 25	1 34	18 20	0 25	14 25	1 4	7 1:	0 44	10 44	0 35	18 8	5 1	3 24	2 53	10 36	7 1	5 56
T 16	12 29	17 52	4 52	14 46	3 1	3 40	1 15	20 33	1 34	18 17	0 25	14 23	1 4	7 1	0 44	10 45	0 35	18 8	5 1	3 25	2 55	10 34	7 0	5 56
W17	12 8	16 20	4 11	15 3	2 51	3 9	1 13	20 41	1 34	18 13	0 26	14 20	1 4	7 1	0 44	10 45	0 35	18 8	5 1	3 26	2 56	10 33	6 58	5 56
T 18	11 47	13 38	3 13	15 18	2 39	2 38	1 12	20 49	1 35	18 10	0 26	14 18	1 4	7 1	0 44	10 46	0 35	18 8	5 1	3 28	2 57	10 31	6 57	5 56
F 19	11 26	9 59	2 1	15 32	2 27	2 7	1 10	20 57	1 35	18 6	0 26	14 16	1 4	7 1	0 44	10 47	0 35	18 8	5 1	3 28	2 58	10 30	6 55	5 56
S 20	11 5	5 39	0 39	15 44	2 15	1 36	1 8	21 5	1 35	18 3	0 26	14 13	1 4	7	0 44	10 47	0 35	18 8	5 1	3 29	3 0	10 28	6 54	5 56
S 21	10 43	1 1	0n44	15 55	2 2	1 4	1 6	21 12	1 35	17 59	0 26	14 11	1 4	7	0 44	10 48	0 35	18 8	5 1	3 29	3 1	10 27	6 52	5 56
M22	10 22	3 s34	2 2	16 4	1 49	0 33	1 4	21 20	1 35	17 55	0 26	14 9	1 5	7	0 44	10 48	0 35	18 7	5 1	3 28	3 2	10 25	6 51	5 56
T 23	10 0	7 49	3 10	16 11	1 37	0 2	1 2	21 27	1 35	17 52	0 26	14 6	1 5	7	0 44	10 49	0 35	18 7	5 2	3 28	3 3	10 24	6 49	5 56
W24	9 38	11 31	4 6	16 17	1 24	0n29	0 59	21 34	1 36	17 48	0 26	14 4	1 5	7 -	0 44	10 50	0 35	18 7	5 2	3 27	3 5	10 22	6 48	5 56
T 25	9 16	14 28	4 45	16 21	1 12	1 1	0 57	21 41	1 36	17 44	0 27	14 2	1 5	7	0 44	10 50	0 35	18 7	5 2	3 27	3 6	10 21	6 46	5 56
F 26	8 53	16 35	5 9	16 23	0 59	1 32	0 55	21 48	1 36	17 41	0 27	13 59	1 5	7	0 44	10 51	0 35	18 7	5 2	3 27	3 7	10 19	6 45	5 56
S 27	8 31	17 50	5 17	16 24	0 48	2 3	0 53	21 55	1 36	17 37	0 27	13 57	1 5	7	0 44	10 51	0 35	18 7	5 2	3 27	3 8	10 18	6 43	5 56
S 28	8 s 8	18 s12	5n10	16 s24	0n36	2n34	0 s 5 0	22n 2	1n36	17 s34	0 s27	13 s55	1s 5	6 s5	8 0 s44	10n52	0n35	18s 7	5n 2	3n28	3n10	10s16	6 s42	5n56

Julian Day Number = 2545808.5, Delta T = 231.44 sec Ecliptic obliquity = $23^{\circ}24'11$, Nutation = $-0^{\circ}00'01$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $28^{\circ}20'51$, Lahiri = $27^{\circ}27'51$

MARCH 2258 00:00 UT

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M 1	10 34 32	10 ¥ 7'58	15 ට 33	13≈30	9 Υ40	2 I I15	12≈22	25≈56	14) 3	3°R 9	8 ප 31	21°R14	21 m 58	27≈47	27≈43	M 1
T 2	10 34 32	11° 8'20	27°31	14°20	10°54	2°49	12°35	26° 3	14% 5	3 My 7	8°33	21 m 13	21°55	27°53	27°48	T 2
W 3	10 42 25	12° 8'40	9≈23	15°14	12° 7	3°22	12°48	26°11	14° 9	3° 5	8°34	21°11	21°52	28° 0	27°52	W 3
T 4	10 46 21	13° 8'59	21°11	16°10	13°21	3°55	13° 2	26°18	14°13	3° 4	8°35	21°10	21°49	28° 7	27°57	T 4
F 5	10 50 18	14° 9'16	2) 59	17°10	14°34	4°29	13°15	26°25	14°16	3° 2	8°36	21° 9	21°45	28°13	28° 1	F 5
S 6	10 54 14	15° 9'31	14°48	18°12	15°47	5° 3	13°28	26°32	14°20	3° 0	8°37	21° 9	21°42	28°20	28° 5	S 6
S 7	10 58 11	16° 9'45	26°41	19°16	17° 1	5°36	13°41	26°38	14°23	2°59	8°38	21°D 9	21°39	28°26	28°10	S 7
M 8	11 2 7	17° 9'56	8 Y 39	20°23	18°14	6°10	13°54	26°45	14°27	2°57	8°39	21° 9	21°36	28°33	28°14	M 8
T 9	11 6 4	18°10'06	20°46	21°32	19°27	6°44	14° 7	26°52	14°30	2°55	8°40	21° 9	21°33	28°40	28°18	T 9
W10	11 10 1	19°10'14	3 8 2	22°43	20°40	7°18	14°20	26°59	14°34	2°54	8°41	21°10	21°29	28°46	28°23	W10
T 11	11 13 57	20°10'19	15°31	23°56	21°53	7°52	14°33	27° 6	14°37	2°52	8°42	21°10	21°26	28°53	28°27	T 11
F 12	11 17 54	21°10'23	28°16	25°10	23° 6	8°26	14°45	27°13	14°40	2°51	8°43	21°R10	21°23	29° 0	28°31	F 12
S 13	11 21 50	22°10'25	11 II 19	26°27	24°19	9° 0	14°58	27°20	14°44	2°49	8°44	21°10	21°20	29° 6	28°36	S 13
S 14	11 25 47	23°10'24	24°42	27°45	25°32	9°34	15°11	27°26	14°47	2°47	8°45	21°D10	21°17	29°13	28°40	S 14
M15	11 29 43	24°10'22	89528	29° 5	26°45	10° 9	15°23	27°33	14°51	2°46	8°46	21°10	21°14	29°20	28°44	M15
T 16	11 33 40	25°10'17	22°37	0 ∺ 26	27°58	10°43	15°36	27°40	14°54	2°44	8°47	21°10	21°10	29°26	28°48	T 16
W17	11 37 36	26°10'10	7 N 7	1°49	29°11	11°17	15°48	27°46	14°57	2°43	8°48	21°11	21° 7	29°33	28°52	W17
T 18	11 41 33	27°10'01	21°56	3°13	0 8 23	11°52	16° 1	27°53	15° 1	2°41	8°48	21°11	21° 4	29°40	28°56	T 18
F 19	11 45 30	28° 9'49	6 m 56	4°38	1°36	12°26	16°13	28° 0	15° 4	2°40	8°49	21°12	21° 1	29°46	29° 1	F 19
S 20	11 49 26	29° 9'35	22° 0	6° 5	2°48	13° 1	16°25	28° 6	15° 8	2°38	8°50	21°R12	20°58	29°53	29° 5	S 20
S 21	11 53 23	0 Υ 9'20	7 ♀ 0	7°34	4° 1	13°35	16°38	28°13	15°11	2°37	8°51	21°12	20°55	29°59	29° 9	S 21
M22	11 57 19	1° 9'02	21°47	9° 4	5°13	14°10	16°50	28°19	15°14	2°35	8°51	21°11	20°51	0 ∀ 6	29°13	M22
T 23	12 1 16	2° 8'43	6ML13	10°35	6°25	14°45	17° 2	28°25	15°18	2°34	8°52	21°10	20°48	0°13	29°17	T 23
W24	12 5 12	3° 8'22	20°15	12° 7	7°37	15°19	17°14	28°32	15°21	2°33	8°52	21° 8	20°45	0°20	29°21	W24
T 25	12 9 9	4° 7'59	3 ₹ 50	13°41	8°49	15°54	17°26	28°38	15°24	2°31	8°53	21° 7	20°42	0°26	29°24	T 25
F 26	12 13 5	5° 7'34	16°59	15°16	10° 1	16°29	17°37	28°44	15°28	2°30	8°53	21° 5	20°39	0°33	29°28	F 26
S 27	12 17 2	6° 7'08	29°43	16°52	11°13	17° 4	17°49	28°51	15°31	2°29	8°54	21° 5	20°35	0°40	29°32	S 27
S 28	12 20 58	7° 6'40	12중 7	18°30	12°25	17°39	18° 1	28°57	15°34	2°27	8°54	21°D 5	20°32	0°46	29°36	S 28
M29	12 24 55	8° 6'10	24°14	20° 9	13°37	18°14	18°12	29° 3	15°37	2°26	8°55	21° 5	20°29	0°53	29°40	M29
T 30	12 28 52	9° 5'39	6≈10	21°49	14°49	18°49	18°24	29° 9	15°41	2°25	8°55	21° 7	20°26	1° 0	29°44	T 30
W31	12 32 48	10 Y 5'05	18 ≈ 0	23 米 31	16 8 0	19 Ⅲ 24	18 ≈ 35	29≈15	15) 44	2 m 23	8 궁 56	21 Mp 8	20 Mp 23	1 米 6	29≈47	W31

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	decl	decl lat	decl lat	decl lat dec	l lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl	decl	decl	decl lat
M 1	7 s45	17 s43 4n49	16s21 0n24	3n 6 0s48 22n	9 1n36 1	17s30 0s27	13 s52 1 s 5	6s57 0s44	10n53 0n35	18s 7 5n 2	3n28	3n11 10)s15	6 s 40 5 n 5 6
T 2	7 23		16 17 0 13					6 56 0 44	10 53 0 35	18 7 5 2	3 29		-	6 39 5 56
W 3	7 0	14 28 3 32	16 12 0 3	4 8 0 43 22 2		17 23 0 27		6 54 0 44		18 6 5 2	3 29	-		6 37 5 56
T 4		11 54 2 39	16 5 0s 8			17 19 0 27		6 53 0 44		18 6 5 2		-		6 35 5 56
F 5	6 14	8 51 1 39	15 57 0 18			17 15 0 28				18 6 5 2		3 16 10	-	6 34 5 56
S 6	5 50	5 26 0 35	15 47 0 27	5 40 0 35 22 4	1 1 36 1	17 12 0 28	13 41 1 6	6 50 0 44	10 56 0 35	18 6 5 2	3 30	3 17 10) 7	6 32 5 56
S 7	5 27	1 47 0s31	15 36 0 37	6 11 0 32 22 4	7 1 36 1	17 8 0 28	13 39 1 6	6 49 0 44	10 56 0 35	18 6 5 2	3 30	3 18 10) 5	6 31 5 56
M 8	5 4	1n57 1 36	15 24 0 46	6 41 0 29 22 5	3 1 36 1	17 5 0 28	13 36 1 6	6 48 0 44	10 57 0 35	18 6 5 2	3 30	3 20 10) 4	6 29 5 56
T 9	4 40	5 40 2 37	15 10 0 54		9 1 36 1			6 47 0 44	10 57 0 35	18 6 5 2	3 30	3 21 10) 2	6 28 5 56
W10	4 17	9 10 3 33	14 54 1 2		5 1 37 1			6 45 0 44	10 58 0 35	18 6 5 2	3 30	3 22 10) 1	6 26 5 57
T 11			14 38 1 10			16 54 0 28	13 30 1 6	6 44 0 44	10 59 0 35	18 5 5 2	3 30	3 23 9	59	6 25 5 57
F 12				8 42 0 18 23 1		16 50 0 28				18 5 5 2	3 30			6 23 5 57
S 13	3 6	16 56 5 13	14 0 1 25	9 11 0 15 23 2	1 1 37 1	16 47 0 29	13 25 1 6	6 41 0 44	11 0 0 35	18 5 5 2	3 30	3 26 9	9 56	6 22 5 57
S 14	2 42	18 1 5 17	13 40 1 31	9 41 0 12 23 2		16 43 0 29	13 23 1 6	6 40 0 44	11 0 0 35	18 5 5 2	3 30	3 27 9	55	6 20 5 57
M15	2 19	18 5 5 4	13 18 1 37			16 39 0 29	-			18 5 5 2	3 30			6 19 5 57
T 16	1 55	17 3 4 32				16 36 0 29		6 37 0 44		18 5 5 2	3 30		-	6 17 5 57
W17	_	14 53 3 41	12 30 1 48			16 32 0 29		6 36 0 44		18 5 5 3	3 30			6 16 5 57
T 18	1 8	11 43 2 36				16 29 0 29		6 35 0 44		18 5 5 3	3 29		-	6 14 5 57
F 19	0 44					16 25 0 29	-			18 5 5 3	3 29			6 13 5 57
S 20	0 20	3 14 On 4	11 9 2 2	12 32 0 7 23 5	5 1 36 1	16 22 0 30	13 10 1 7	6 32 0 44	11 4 0 35	18 4 5 3	3 29	3 35 9	9 45	6 11 5 58
S 21	0n 4	1 s27 1 27	10 40 2 6		9 1 36 1	16 18 0 30	13 8 1 7	6 31 0 44	11 4 0 35	18 4 5 3	3 29	3 36	44	6 10 5 58
M22	0 27	5 58 2 42	10 9 2 9	/	4 1 36 1	16 15 0 30		6 30 0 44	11 5 0 35	18 4 5 3	3 29	3 37 9	42	6 8 5 58
T 23		10 2 3 45				16 11 0 30		" " ''		18 4 5 3	3 30			6 7 5 58
W24	-	13 24 4 32					-			18 4 5 3	3 31	3 40 9		6 5 5 58
T 25		15 55 5 3								18 4 5 3	3 31	3 41 9		6 4 5 58
F 26		17 31 5 16								18 4 5 3	3 32			6 2 5 59
S 27	2 26	18 11 5 14	7 19 2 19	15 39 0 30 24 2	2 1 36 1	15 57 0 31	12 55 1 8	6 23 0 45	11 7 0 35	18 4 5 3	3 32	3 43 9	35	6 1 5 59
S 28	2 49	17 56 4 56							11 8 0 35	18 4 5 3				5 59 5 59
M29	3 13	16 52 4 26	6 2 2 20	16 29 0 37 24 2	8 1 36 1	15 50 0 31	12 51 1 8	6 21 0 45	11 8 0 35	18 4 5 3	3 32	3 46		5 58 5 59
T 30		15 5 3 44									3 31			5 56 5 59
W31	3n59	12 s40 2n54	4s42 2s19	17n18 0n44 <mark>24n</mark> 3	4 1n36 1	15 s44 0 s31	12 s47 1 s 8	6s18 0s45	11n 9 0n35	18 s 3 5 n 3	3n31	3n48 9	9s28	5 s 55 5 n 59

Julian Day Number = 2545836.5, Delta T = 231.54 sec Ecliptic obliquity = $23^{\circ}24'12$, Nutation = - $0^{\circ}00'01$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $28^{\circ}20'55$, Lahiri = $27^{\circ}27'55$

APRIL 2258 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂	4	ħ)ұ(并	Р	v	Ω	Ç	ę,	Day
T 1	12 36 45	11 ° 4'30	29≈46	25) 14	17812	19 Ⅱ 59	18 ≈ 46	29≈21	15) (47	2°R22	8 궁 56	21 Mp 10	20 Mp 20	1) (13	29≈51	T 1
F 2	12 40 41	12° 3'53	11) (35	26°58	18°23	20°34	18°57	29°27	15°50	2 Mg 21	8°56	21°11	20°16	1°19	29°55	F 2
S 3	12 44 38	13° 3'14	23°28	28°43	19°34	21° 9	19° 9	29°33	15°53	2°20	8°56	21°R11	20°13	1°26	29°58	S 3
S 4	12 48 34	14° 2'33	5 Υ 28	0 Υ 30	20°46	21°45	19°20	29°39	15°57	2°18	8°57	21°10	20°10	1°33	0 ∺ 2	S 4
M 5	12 52 31	15° 1'50	17°38	2°19	21°57	22°20	19°30	29°45	16° 0	2°17	8°57	21° 8	20° 7	1°39	0° 5	M 5
T 6	12 56 27	16° 1'05	29°59	4° 8	23° 8	22°55	19°41	29°50	16° 3	2°16	8°57	21° 5	20° 4	1°46	0° 9	T 6
W 7	13 0 24	17° 0'18	12 8 32	5°59	24°19	23°31	19°52	29°56	16° 6	2°15	8°57	21° 1	20° 0	1°53	0°12	W 7
T 8	13 421	17°59'28	25°18	7°52	25°30	24° 6	20° 2	0) 2	16° 9	2°14	8°57	20°57	19°57	1°59	0°16	T 8
F 9	13 8 17	18°58'37	8 Ⅱ 18	9°46	26°41	24°41	20°13	0° 7	16°12	2°13	8°57	20°52	19°54	2° 6	0°19	F 9
S 10	13 12 14	19°57'44	21°32	11°41	27°51	25°17	20°23	0°13	16°15	2°12	8°57	20°49	19°51	2°13	0°22	S 10
S 11	13 16 10	20°56'48	5 95 0	13°38	29° 2	25°52	20°34	0°18	16°18	2°11	8°R57	20°47	19°48	2°19	0°26	S 11
M12	13 20 7	21°55'50	18°43	15°36	0П12	26°28	20°44	0°24	16°21	2°10	8°57	20°D46	19°45	2°26	0°29	M12
T 13	13 24 3	22°54'49	$2\Omega 42$	17°35	1°23	27° 3	20°54	0°29	16°24	2° 9	8°57	20°46	19°41	2°33	0°32	T 13
W14	13 28 0	23°53'46	16°55	19°36	2°33	27°39	21° 4	0°34	16°27	2° 8	8°57	20°47	19°38	2°39	0°35	W14
T 15	13 31 56	24°52'41	1 Mp 21	21°38	3°43	28°15	21°14	0°39	16°30	2° 7	8°57	20°48	19°35	2°46	0°38	T 15
F 16	13 35 53	25°51'33	15°57	23°41	4°53	28°50	21°23	0°45	16°32	2° 6	8°57	20°R49	19°32	2°53	0°41	F 16
S 17	13 39 49	26°50'24	0 ჲ 38	25°45	6° 3	29°26	21°33	0°50	16°35	2° 6	8°57	20°49	19°29	2°59	0°44	S 17
S 18	13 43 46	27°49'12	15°19	27°50	7°13	0ණ 2	21°42	0°55	16°38	2° 5	8°57	20°47	19°26	3° 6	0°47	S 18
M19	13 47 43	28°47'58	29°52	29°56	8°22	0°37	21°52	1° 0	16°41	2° 4	8°56	20°43	19°22	3°13	0°50	M19
T 20	13 51 39	29°46'42	14 M J11	2 8 2	9°32	1°13	22° 1	1° 4	16°44	2° 3	8°56	20°38	19°19	3°19	0°53	T 20
W21	13 55 36	0845'24	28°11	4° 9	10°41	1°49	22°10	1° 9	16°46	2° 3	8°56	20°32	19°16	3°26	0°56	W21
T 22	13 59 32	1°44'05	11 ~ 148	6°16	11°51	2°25	22°19	1°14	16°49	2° 2	8°55	20°25	19°13	3°32	0°58	T 22
F 23	14 3 29	2°42'44	25° 0	8°23	13° 0	3° 0	22°28	1°19	16°52	2° 1	8°55	20°19	19°10	3°39	1° 1	F 23
S 24	14 7 25	3°41'21	7 云 48	10°30	14° 9	3°36	22°37	1°23	16°54	2° 1	8°55	20°14	19° 6	3°46	1° 4	S 24
S 25	14 11 22	4°39'56	20°15	12°36	15°18	4°12	22°45	1°28	16°57	2° 0	8°54	20°11	19° 3	3°52	1° 6	S 25
M26	14 15 18	5°38'30	2≈25	14°41	16°26	4°48	22°54	1°32	16°59	1°59	8°54	20°D10	19° 0	3°59	1° 9	M26
T 27	14 19 15	6°37'02	14°22	16°44	17°35	5°24	23° 2	1°36	17° 2	1°59	8°53	20°10	18°57	4° 6	1°11	T 27
W28	14 23 12	7°35'33	26°12	18°47	18°43	6° 0	23°11	1°41	17° 4	1°58	8°53	20°12	18°54	4°12	1°14	W28
T 29	14 27 8	8°34'01	7 ∺ 59	20°47	19°52	6°36	23°19	1°45	17° 7	1°58	8°52	20°13	18°51	4°19	1°16	T 29
F 30	14 31 5	9 8 32'29	19 米 50	22 8 45	21 II 0	7 9512	23≈27	1) (49	17 米 9	1 m) 57	8 궁 52	20°R14	18 M)47	4) (26	1) 18	F 30

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	decl	decl lat	decl lat	t decl lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	at	decl	decl	decl	decl	lat
T 1 F 2 S 3	4n23 4 46 5 9	9s44 1n56 6 24 0 53 2 47 0s13	3 17 2	2 16 18 5 0	0n47 24n37 0 51 24 39 0 54 24 42	1 35	15 s40 15 37 15 34	0 s31 0 32 0 32	12 43	1s 9 1 9 1 9	6 s 17 6 16 6 15	0 45	11n 9 11 10 11 10	0 35	18s 3 18 3 18 3	5n 3 5 4 5 4	3n30 3 30 3 29	3n50 3 51 3 52	9 s 2 7 9 2 5 9 2 4	5 s 5 3 5 5 2 5 5 0	6n 0 6 0 6 0
S 4 M 5 T 6 W 7 T 8 F 9	5 32 5 55 6 18 6 40 7 3 7 25	0n59 1 18 4 45 2 21 8 22 3 18 11 40 4 6 14 29 4 43 16 37 5 6		2 8 19 12 1 2 4 19 34 1 2 0 19 54 1 1 55 20 15 1	0 57 24 44 1 1 24 46 1 4 24 48 1 7 24 49 1 11 24 51 1 14 24 52	1 35 1 35 1 35 1 35	15 24 15 21	0 32 0 32 0 32 0 32 0 33 0 33	12 37 12 35 12 34 12 32	1 9 1 9 1 9 1 9 1 10 1 10	6 13 6 12 6 11 6 10 6 9 6 7	0 45 0 45 0 45 0 45 0 45 0 45	11 11 11 11 11 12 11 12 11 12 11 13	0 35 0 35 0 35 0 35 0 35 0 35	18 3 18 3 18 3 18 3 18 3	5 4 5 4 5 4 5 4 5 4	3 30 3 30 3 32 3 33 3 35 3 37	3 53 3 55 3 56 3 57 3 58 4 0	9 22 9 21 9 19 9 17 9 16 9 14	5 49 5 48 5 46 5 45 5 43 5 42	6 0 6 0 6 1 6 1 6 1
S 10 S 11 M12 T 13	7 48 8 10 8 32	17 55 5 13	3 1 1 3 52 1 4 43 1	1 45 20 54 1 1 38 21 13 1 1 32 21 31 1	1 14 24 32 1 17 24 54 1 20 24 55 1 24 24 56 1 27 24 56		15 11 15 8 15 5	0 33	12 28 12 26 12 25	1 10 1 10 1 10 1 10 1 10	6 6 6 5 6 4 6 3	0 45	11 13 11 13 11 13 11 14 11 14	0 35	18 3 18 3 18 3 18 3	5 4 5 4 5 4 5 4	3 38 3 39 3 39 3 39	4 1 4 2 4 3 4 5	9 13 9 11 9 10 9 8	5 41 5 39 5 38 5 37	6 2 6 2 6 2 6 2
W14 T 15 F 16 S 17	9 16 9 37 9 59 10 20	9 21 1 45 5 7 0 27 0 34 0n53	7 21 1 8 15 1 9 8 0	1 9 22 23 1 1 0 22 39 1 0 51 22 55 1	1 30 24 57 1 33 24 57 1 36 24 58 1 39 24 58		14 56 14 53 14 50		12 19 12 18 12 16	1 10 1 11 1 11 1 11	6 2 6 1 6 0 5 59		11 14 11 15 11 15 11 15		18 2 18 2 18 2 18 2	5 4 5 4 5 4 5 4	3 39 3 38 3 38 3 38	4 6 4 7 4 8 4 10	9 6 9 5 9 3 9 2	5 35 5 34 5 33 5 31	6 3 6 3 6 3 6 3
S 18 M19 T 20 W21 T 22 F 23 S 24	10 41 11 2 11 23 11 43 12 4 12 24	18 10 5 9	10 56 0 11 49 0 12 42 0 13 34 0 14 26 0	0 32 23 24 1 0 22 23 38 1 0 12 23 51 1 0 1 24 3 1	1 42 24 58 1 45 24 57 1 48 24 57 1 51 24 56 1 54 24 56 1 57 24 55 2 0 24 54	1 33 1 33 1 33 1 33 1 33	-	0 34 0 35 0 35 0 35 0 35 0 35 0 36	12 11 12 10 12 8 12 7	1 11 1 11 1 12 1 12 1 12 1 12	5 57 5 56 5 55 5 54 5 53 5 52 5 51	0 45 0 45 0 45 0 45 0 45	11 16 11 17	0 35 0 35 0 35 0 35 0 35	18 2 18 2 18 2 18 2 18 2 18 2 18 2	5 4 5 5 5 5 5 5 5 5 5 5	3 39 3 40 3 42 3 45 3 47 3 50 3 52	4 11 4 12 4 13 4 15 4 16 4 17 4 18	9 0 8 58 8 57 8 55 8 54 8 52 8 50	5 30 5 29 5 28 5 26 5 25 5 24 5 23	6 4 6 4 6 5 6 5 6 5
S 25 M26 T 27 W28 T 29 F 30	13 3	17 27 4 29 15 51 3 50 13 36 3 2 10 47 2 6 7 33 1 6	16 6 0 16 54 0 17 40 0 18 24 1 19 7 1	0 32 24 37 2 0 42 24 47 2 0 53 24 56 2 1 4 25 5 2 1 14 25 13 2	2 2 24 52 2 5 24 51	1 32 1 32 1 32 1 32 1 31	14 28 14 26 14 23	0 36 0 36 0 36 0 36 0 37	12 4 12 2 12 1 12 0	1 12 1 12 1 13 1 13 1 13 1 s13	5 50 5 49 5 48 5 47 5 47 5 s46	0 45 0 45 0 45 0 45 0 45	11 17 11 17	0 35 0 35 0 35 0 35 0 35	18 2 18 2 18 2 18 2 18 2 18 2 18s 2	5 5 5 5 5 5 5 5 5 5 5	3 53 3 53 3 53 3 53 3 52 3n52	4 20 4 21 4 22 4 23 4 24 4n26	8 49 8 47 8 46 8 44 8 42 8 s41	5 22 5 20 5 19 5 18 5 17 5 s16	6 6 6 6 6 6 6 7 6 7 6n 7

Julian Day Number = 2545867.5, Delta T = 231.66 sec Ecliptic obliquity = $23^{\circ}24'12$, Nutation = $-0^{\circ}00'03$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $28^{\circ}20'59$, Lahiri = $27^{\circ}27'59$

MAY 2258 00:00 UT

Day	Sid.t	0	D	ğ	·	ð	4	ħ)∤(¥	Р	₽.	v	Ç	ķ	Day
S 1	14 35 1	10830'54	1 Y 47	24841	22 II 8	79548	23≈34	1) 53	17) 12	1°R57	8°R51	20°R13	18 M)44	4) €32	1) 21	S 1
S 2	14 38 58	11°29'18	13°56	26°33	23°16	8°24	23°42	1°57	17°14	1 m) 57	8 궁 50	20 mg 10	18°41	4°39	1°23	S 2
M 3	14 42 54	12°27'40	26°18	28°23	24°23	9° 0	23°50	2° 1	17°16	1°56	8°50	20° 5	18°38	4°46	1°25	M 3
T 4	14 46 51	13°26'00	8 8 55	0 Ⅱ 10	25°31	9°36	23°57	2° 5	17°19	1°56	8°49	19°58	18°35	4°52	1°27	T 4
W 5	14 50 47	14°24'19	21°48	1°53	26°38	10°12	24° 4	2° 8	17°21	1°56	8°48	19°49	18°31	4°59	1°29	W 5
T 6	14 54 44	15°22'36	4 Ⅱ 57	3°33	27°46	10°48	24°11	2°12	17°23	1°55	8°48	19°39	18°28	5° 6	1°31	T 6
F 7	14 58 41	16°20'51	18°19	5° 8	28°53	11°24	24°18	2°16	17°25	1°55	8°47	19°30	18°25	5°12	1°33	F 7
S 8	15 2 37	17°19'05	1953	6°40	29°59	12° 0	24°25	2°19	17°27	1°55	8°46	19°21	18°22	5°19	1°35	S 8
S 9	15 6 34	18°17'16	15°37	8° 9	195 6	12°36	24°32	2°22	17°29	1°55	8°45	19°15	18°19	5°26	1°37	S 9
M10	15 10 30	19°15'25	29°30	9°33	2°13	13°13	24°38	2°26	17°31	1°55	8°44	19°11	18°16	5°32	1°38	M10
T 11	15 14 27	20°13'33	13 N 30	10°52	3°19	13°49	24°45	2°29	17°33	1°55	8°44	19°10	18°12	5°39	1°40	T 11
W12	15 18 23	21°11'38	27°36	12° 8	4°25	14°25	24°51	2°32	17°35	1°55	8°43	19°D 9	18° 9	5°45	1°42	W12
T 13	15 22 20	22° 9'42	11 M)47	13°20	5°31	15° 1	24°57	2°35	17°37	1°D55	8°42	19°R10	18° 6	5°52	1°43	T 13
F 14	15 26 16	23° 7'43	26° 1	14°27	6°37	15°38	25° 3	2°38	17°39	1°55	8°41	19°10	18° 3	5°59	1°45	F 14
S 15	15 30 13	24° 5'42	10 ≙ 17	15°29	7°42	16°14	25° 8	2°41	17°41	1°55	8°40	19° 8	18° 0	6° 5	1°46	S 15
S 16	15 34 10	25° 3'40	24°32	16°28	8°47	16°50	25°14	2°44	17°43	1°55	8°39	19° 4	17°57	6°12	1°47	S 16
M17	15 38 6	26° 1'36	8 M .41	17°21	9°52	17°26	25°19	2°46	17°44	1°55	8°38	18°57	17°53	6°19	1°49	M17
T 18	15 42 3	26°59'31	22°40	18°11	10°57	18° 3	25°24	2°49	17°46	1°55	8°37	18°48	17°50	6°25	1°50	T 18
W19	15 45 59	27°57'24	6 ₹ 25	18°55	12° 2	18°39	25°29	2°51	17°48	1°55	8°36	18°38	17°47	6°32	1°51	W19
T 20	15 49 56	28°55'15	19°51	19°35	13° 6	19°15	25°34	2°54	17°49	1°55	8°35	18°26	17°44	6°39	1°52	T 20
F 21	15 53 52	29°53'06	2 る 58	20°10	14°10	19°52	25°39	2°56	17°51	1°56	8°34	18°16	17°41	6°45	1°53	F 21
S 22	15 57 49	0 Ⅱ 50'54	15°43	20°40	15°14	20°28	25°44	2°58	17°53	1°56	8°33	18° 7	17°37	6°52	1°54	S 22
S 23	16 1 45	1°48'42	28° 9	21° 5	16°17	21° 4	25°48	3° 0	17°54	1°56	8°31	18° 0	17°34	6°59	1°55	S 23
M24	16 5 42	2°46'29	10≈19	21°26	17°21	21°41	25°52	3° 3	17°56	1°57	8°30	17°55	17°31	7° 5	1°56	M24
T 25	16 9 39	3°44'14	22°17	21°41	18°24	22°17	25°56	3° 4	17°57	1°57	8°29	17°53	17°28	7°12	1°57	T 25
W26	16 13 35	4°41'58	4) € 7	21°52	19°26	22°54	26° 0	3° 6	17°58	1°57	8°28	17°D53	17°25	7°19	1°58	W26
T 27	16 17 32	5°39'41	15°56	21°58	20°29	23°30	26° 4	3° 8	18° 0	1°58	8°27	17°R53	17°22	7°25	1°58	T 27
F 28	16 21 28	6°37'23	27°48	21°R59	21°31	24° 7	26° 7	3°10	18° 1	1°58	8°25	17°53	17°18	7°32	1°59	F 28
S 29	16 25 25	7°35'04	9 Ƴ 48	21°56	22°33	24°43	26°11	3°11	18° 2	1°59	8°24	17°51	17°15	7°38	2° 0	S 29
S 30	16 29 21	8°32'44	22° 3	21°48	23°34	25°20	26°14	3°13	18° 3	1°59	<u>8°23</u>	17°47	17°12	7°45	2° 0	S 30
M31	16 33 18	9∏30'23	4 8 34	21 II 36	24935	25956	26≈17	3 ∺ 14	18 ∺ 4	2 M) 0	8 궁 22	17 m /40	17 m , 9	7 ∺ 52	2 ∺ 0	M31

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S 1	14n57	0s14 1s	2 20n25	1n33 25n27	2n17 24n4	1n31	14s13	0 s37	11 s56	1 s 1 3	5 s45	0 s45	11n18	0n35	18s 2	5n 5	3n52	4n27	8 s 3 9	5 s 1 5	6n 8
S 2	15 15	3n35 2	4 21 0	1 42 25 33	2 19 24 39	1 31	14 11	0 37	11 54	1 13	5 44	0 45	11 18	0 35	18 2	5 5	3 53	4 28	8 38	5 14	6 8
M 3	15 33	7 19 3	2 21 34	1 50 25 39				0 37		1 14	5 43	0 45	11 19	0 35	18 2	5 5	3 55	4 29	8 36	5 13	6 8
T 4	15 51	-	51 22 5				14 7	0 38		1 14	5 42	0 45	11 19	0 35	18 2	5 5	3 58	4 31	8 34	5 12	6 8
W 5	16 8	13 50 4 3					14 4	0 38		1 14	5 41	0 45	11 19	0 35	18 2	5 5	4 2	4 32	8 33	5 11	6 9
T 6			55 22 59					0 38		1 14	5 40		11 19	0 35	18 2	5 5	4 5	4 33	8 31	5 10	6 9
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S 9			34 24 1	2 25 25 57			13 56		11 47	1 15	5 38		11 19		18 2	5 5	4 15	4 37	8 26	5 7	6 10
M10		16 25 3		2 28 25 58	_			0 39	-	1 15	5 37	0 46	-	0 35	18 2	5 5	4 16	4 38	8 25	5 6	6 10
T 11			59 24 31	2 30 25 58			13 52	0 39	-	1 15	5 37	0 46	-	0 35	18 2	5 5	4 17	4 39	8 23	5 5	6 11
W12 T 13	18 2	10 32 1 :		2 31 25 57			13 50		11 44	1 15	5 36			0 35	18 2	5 5	4 17	4 41	8 21	5 4	6 11
F 14	18 17 18 32		39 24 52 37 24 59	2 31 25 56 2 31 25 54			13 48 13 47	0 40 0 40		1 15 1 16	5 35 5 34		11 19 11 19	0 35 0 35	18 2 18 2	5 5 5 6	4 17 4 17	4 42 4 43	8 20 8 18	5 3 5 2	6 12 6 12
S 15	18 46		50 25 5	2 29 25 51			13 47		11 42	1 16	5 34		11 19		18 2	5 6	4 18	4 44	8 16	-	6 12
S 16	19 0	-	57 25 8	2 26 25 48			13 43		11 40	1 16	5 33		11 19	0 35	-	5 6	4 19	4 46	8 15	5 1	6 13
M17 T 18	-		52 25 10					0 40		1 16	5 32	0 46		0 35	18 2	5 6	4 22	4 47	8 13	5 0	6 13
W19	19 27		32 25 10 56 25 8	2 17 25 40 2 12 25 35				0 41 0 41		1 16 1 17	5 32 5 31		11 19 11 19	0 35 0 35	18 2 18 3	5 6 5 6	4 25 4 30	4 48 4 49	8 12 8 10	4 59 4 59	6 13 6 14
T 20		17 59 5	2 25 4	2 5 25 30				0 41		1 17	5 31		11 19	0 35	18 3	5 6	4 34	4 51	8 8	4 58	6 14
F 21			53 24 59				13 36	0 41		1 17	5 30		11 19		18 3	5 6	4 38	4 52	8 7	4 57	6 14
S 22	20 18		29 24 52	1 48 25 17			13 35		11 36	1 17	5 29		11 19	0 35	18 3	5 6	4 42	4 53	8 5	4 56	6 15
S 23			52 24 44				13 33			1 17			11 18		18 3	- (4 44	4 54	0 2	4 56	(15
M24			6 24 35		2 46 23 4		13 33		11 35 11 35	1 17 1 18	5 29 5 28		11 18	0 35 0 35	18 3 18 3	5 6 5 6	4 44 46	4 54 4 55	8 3 8 2	4 55	6 15 6 15
T 25	20 52		12 24 24	1 15 24 53			13 32		11 34	1 18	5 28	0 46	-	0 33	18 3	5 6	4 47	4 57	8 0	4 54	6 16
	21 3		13 24 12	1 3 24 44			13 30	0 43		1 18	5 27		11 18		18 3	5 6	4 47	4 58	7 58	4 54	6 16
T 27	21 13		10 23 59	0 49 24 34			13 29	0 43		1 18	5 27		11 18		18 3	5 6	4 47	4 59	7 57	4 53	6 16
	21 23		52 23 44				13 28	0 43		1 18	5 26		11 18		18 3	5 6	4 47	5 0	7 55	4 53	6 17
S 29	21 33	2n 8 1 :	54 23 29	0 19 24 13	2 44 22 32	1 25	13 27	0 43	11 33	1 19	5 26	0 46	11 17	0 34	18 3	5 6	4 48	5 2	7 53	4 52	6 17
S 30	21 42	5 56 2 :	51 23 12	0 3 24 2	2 43 22 25	1 24	13 26	0 43	11 32	1 19	5 26	0 46	11 17	0 34	18 3	5 6	4 49	5 3	7 52	4 52	6 18
M31	21n51	9n33 3 s	41 22n55	0s13 23n50	2n42 22n18	3 1n24	13 s26	0 s44	11 s32	1s19	5 s25	0 s46	11n17	0n34	18s 3	5n 5	4n52	5n 4	7s50	4 s 5 1	6n18

Julian Day Number = 2545897.5, Delta T = 231.78 sec Ecliptic obliquity = $23^{\circ}24'12$, Nutation = $-0^{\circ}00'05$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $28^{\circ}21'03$, Lahiri = $27^{\circ}28'03$

JUNE 2258 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂	4	ħ)Å(¥	Р	ß	Ω	ţ	ę,	Day
T 1	16 37 14	10 Ⅲ 28′01	17 8 25	21°R20	25936	26933	26≈19	3) (15	18) 5	2 Mp 0	8°R20	17°R31	17 m) 6	7) 58	2) 1	T 1
W 2	16 41 11	11°25'38	0П36	21 I 0	26°37	27° 9	26°22	3°17	18° 7	2° 1	8 궁 19	17 m)20	17° 3	8° 5	2° 1	W 2
T 3	16 45 8	12°23'14	14° 6	20°36	27°37	27°46	26°24	3°18	18° 8	2° 2	8°18	17° 8	16°59	8°12	2° 1	T 3
F 4	16 49 4	13°20'49	27°53	20°10	28°37	28°22	26°26	3°19	18° 8	2° 2	8°16	16°56	16°56	8°18	2° 1	F 4
S 5	16 53 1	14°18'23	11953	19°41	29°36	28°59	26°29	3°19	18° 9	2° 3	8°15	16°45	16°53	8°25	2° 2	S 5
S 6	16 56 57	15°15'55	26° 1	19°11	0⋒35	29°36	26°30	3°20	18°10	2° 4	8°14	16°37	16°50	8°32	2°R 2	S 6
M 7	17 0 54	16°13'26	10 Q 13	18°38	1°34	0Ω12	26°32	3°21	18°11	2° 5	8°12	16°31	16°47	8°38	2° 2	M 7
T 8	17 4 50	17°10'56	24°25	18° 5	2°32	0°49	26°33	3°22	18°12	2° 6	8°11	16°29	16°43	8°45	2° 1	T 8
W 9	17 8 47	18° 8'25	8 m /36	17°32	3°30	1°26	26°35	3°22	18°12	2° 6	8° 9	16°28	16°40	8°52	2° 1	W 9
T 10	17 12 43	19° 5'52	22°43	16°58	4°27	2° 2	26°36	3°22	18°13	2° 7	8° 8	16°28	16°37	8°58	2° 1	T 10
F 11	17 16 40	20° 3'18	6 <u>Ω</u> 46	16°26	5°24	2°39	26°37	3°23	18°14	2° 8	8° 7	16°27	16°34	9° 5	2° 1	F 11
S 12	17 20 37	21° 0'43	20°44	15°55	6°20	3°16	26°37	3°23	18°14	2° 9	8° 5	16°25	16°31	9°12	2° 0	S 12
S 13	17 24 33	21°58'06	4 M .36	15°25	7°16	3°52	26°38	3°R23	18°15	2°10	8° 4	16°20	16°28	9°18	2° 0	S 13
M14	17 28 30	22°55'29	18°20	14°58	8°11	4°29	26°38	3°23	18°15	2°11	8° 2	16°13	16°24	9°25	1°59	M14
T 15	17 32 26	23°52'51	1 √ 154	14°34	9° 6	5° 6	26°R38	3°23	18°16	2°12	8° 1	16° 3	16°21	9°31	1°59	T 15
W16	17 36 23	24°50'12	15°16	14°13	10° 1	5°43	26°38	3°23	18°16	2°13	7°59	15°51	16°18	9°38	1°58	W16
T 17	17 40 19	25°47'32	28°24	13°56	10°54	6°19	26°38	3°22	18°16	2°14	7°58	15°39	16°15	9°45	1°58	T 17
F 18	17 44 16	26°44'51	11 궁 15	13°42	11°47	6°56	26°37	3°22	18°17	2°15	7°56	15°27	16°12	9°51	1°57	F 18
S 19	17 48 12	27°42'10	23°51	13°33	12°40	7°33	26°37	3°21	18°17	2°17	7°55	15°17	16° 9	9°58	1°56	S 19
S 20	17 52 9	28°39'28	6≈10	13°27	13°32	8°10	26°36	3°21	18°17	2°18	7°53	15° 9	16° 5	10° 5	1°55	S 20
M21	17 56 6	29°36'46	18°17	13°D27	14°23	8°46	26°35	3°20	18°17	2°19	7°52	15° 4	16° 2	10°11	1°54	M21
T 22	18 0 2	0934'04	0 ∺ 12	13°31	15°14	9°23	26°34	3°19	18°17	2°20	7°50	15° 1	15°59	10°18	1°53	T 22
W23	18 3 59	1°31'21	12° 2	13°39	16° 3	10° 0	26°32	3°18	18°R17	2°21	7°49	15°D 0	15°56	10°25	1°52	W23
T 24	18 7 55	2°28'37	23°50	13°52	16°53	10°37	26°31	3°18	18°17	2°23	7°47	15° 0	15°53	10°31	1°51	T 24
F 25	18 11 52	3°25'54	5 ℃ 42	14°10	17°41	11°14	26°29	3°16	18°17	2°24	7°46	15°R 0	15°49	10°38	1°50	F 25
S 26	18 15 48	4°23'10	17°44	14°32	18°29	11°51	26°27	3°15	18°17	2°25	7°44	14°59	15°46	10°45	1°49	S 26
S 27	18 19 45	5°20'26	0 8 0	14°59	19°15	12°28	26°25	3°14	18°17	2°27	7°43	14°57	15°43	10°51	1°48	S 27
M28	18 23 41	6°17'42	12°36	15°30	20° 1	13° 5	26°22	3°13	18°17	2°28	7°41	14°52	15°40	10°58	1°46	M28
T 29	18 27 38	7°14'58	25°33	16° 6	20°47	13°42	26°20	3°11	18°16	2°29	7°40	14°45	15°37	11° 4	1°45	T 29
W30	18 31 35	89512'13	8 II 56	16 Ⅱ 47	21 Q 31	14 Ω 19	26≈17	3 ∺ 10	18) 16	2 m 31	7 云 38	14 M 35	15 M 34	11) (11	1) (43	W30

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T 1	21n59	12n50	4 s21	22n37	0s30	23n38	2n41	22n11	1n24	13 s25	0 s44	11 s32	1 s 1 9	5 s25	0 s46	11n17	0n34	18s 4	5n 5	4n55	5n 5	7 s48	4s51	6n18
W 2	22 7	15 33	4 48	22 19	0 47	23 25	2 40	22 4	1 24	13 24	0 44	11 31	1 19	5 24	0 46	11 17	0 34	18 4	5 5	5 0	5 7	7 47	4 50	6 19
T 3	22 15	17 29	5 0	22 0	1 5	23 12	2 39	21 56	1 23	13 24	0 44	11 31	1 20	5 24	0 46	11 16	0 34	18 4	5 5	5 4	5 8	7 45	4 50	6 19
F 4	22 22	18 28	4 55	21 40	1 22	22 58	2 37	21 49	1 23	13 23	0 45	11 31	1 20	5 24	0 46	11 16	0 34	18 4	5 5	5 9	5 9	7 43	4 50	6 19
S 5	22 29	18 21	4 33	21 21	1 40	22 44	2 36	21 41	1 23	13 23	0 45	11 31	1 20	5 23	0 46	11 16	0 34	18 4	5 5	5 13	5 10	7 42	4 49	6 20
S 6	22 35	17 6	3 53	21 1	1 57	22 30	2 34	21 33	1 23	13 22	0 45	11 31	1 20	5 23	0 47	11 16	0 34	18 4	5 5	5 17	5 12	7 40	4 49	6 20
M 7	22 41	14 47	2 59	20 42	2 14	22 15	2 32	21 25	1 22	13 22	0 45	11 31	1 20	5 23	0 47	11 15	0 34	18 4	5 5	5 19	5 13	7 38	4 49	6 20
T 8	22 47	11 34	1 54	20 23	2 30	22 0	2 30	21 17	1 22	13 22	0 46	11 31	1 21	5 23	0 47	11 15	0 34	18 4	5 5	5 20	5 14	7 37	4 48	6 21
W 9	22 52	7 41	0 42	20 4	2 45	21 44	2 27	21 8	1 22	13 21	0 46	11 31	1 21	5 22	0 47	11 15	0 34	18 4	5 5	5 20	5 15	7 35	4 48	6 21
T 10	22 57	3 24	0n33	19 47	3 0	21 28	2 25	21 0	1 21	13 21	0 46	11 31	1 21	5 22	0 47	11 14	0 34	18 5	5 5	5 20	5 16	7 33	4 48	6 21
F 11	23 2	1 s 4	1 45	19 30	3 14	21 11	2 22	20 51	1 21	13 21	0 46	11 31	1 21	5 22	0 47	11 14	0 34	18 5	5 5	5 20	5 18	7 32	4 47	6 22
S 12	23 6	5 27	2 51	19 14	3 26	20 55	2 19	20 43	1 21	13 21	0 47	11 31	1 21	5 22	0 47	11 14	0 34	18 5	5 5	5 21	5 19	7 30	4 47	6 22
S 13	23 10	9 29	3 45	19 0	3 38	20 37	2 16	20 34	1 21	13 21	0 47	11 31	1 22	5 22	0 47	11 13	0 34	18 5	5 5	5 23	5 20	7 28	4 47	6 23
M14	23 13	12 59	4 26	18 47	3 48	20 20	2 13	20 25	1 20	13 22	0 47	11 31	1 22	5 21	0 47	11 13	0 34	18 5	5 5	5 26	5 21	7 27	4 47	6 23
T 15	23 16	15 44	4 52	18 35	3 57	20 2	2 10	20 15	1 20	13 22	0 48	11 32	1 22	5 21	0 47	11 13	0 34	18 5	5 5	5 30	5 23	7 25	4 47	6 23
W16	23 18	17 36	5 1	18 25	4 5	19 44	2 6	20 6	1 20	13 22	0 48	11 32	1 22	5 21	0 47	11 12	0 34	18 5	5 5	5 34	5 24	7 23	4 47	6 24
T 17	23 20	18 30	4 54	18 17	4 11	19 26	2 3	19 57	1 19	13 22	0 48	11 32	1 23	5 21	0 47	11 12	0 34	18 6	5 5	5 39	5 25	7 22	4 47	6 24
F 18	23 22	18 25	4 31	18 10	4 16	19 7	1 59	19 47	1 19	13 23	0 48	11 33	1 23	5 21	0 47	11 11	0 34	18 6	5 5	5 44	5 26	7 20	4 47	6 24
S 19	23 23	17 25	3 56	18 6	4 20	18 49	1 54	19 38	1 19	13 23	0 49	11 33	1 23	5 21	0 47	11 11	0 34	18 6	5 5	5 48	5 28	7 18	4 47	6 25
S 20	23 24	15 37	3 11	18 3	4 22	18 30	1 50	19 28	1 19	13 24	0 49	11 33	1 23	5 21	0 47	11 10	0 34	18 6	5 5	5 51	5 29	7 17	4 46	6 25
M21	23 24	13 9	2 17	18 2	4 23	18 10	1 46	19 18	1 18	13 24	0 49	11 34	1 23	5 21	0 47	11 10	0 34	18 6	5 4	5 53	5 30	7 15	4 47	6 25
T 22	23 24	10 10	1 18	18 2	4 23	17 51	1 41	19 8	1 18	13 25	0 49	11 34	1 24	5 21	0 47	11 10	0 34	18 6	5 4	5 54	5 31	7 13	4 47	6 26
W23	23 24	6 48	0 16	18 5	4 21	17 31	1 36	18 58	1 18	13 26	0 50	11 35	1 24	5 21	0 47	11 9	0 34	18 7	5 4	5 54	5 32	7 12	4 47	6 26
T 24	23 23	3 10	0s47	18 9	4 19	17 12	1 31	18 47	1 17	13 26	0 50	11 35	1 24	5 21	0 47	11 9	0 34	18 7	5 4	5 54	5 34	7 10	4 47	6 26
F 25	23 22	0n37	1 48	18 14	4 15	16 52	1 25	18 37	1 17	13 27	0 50	11 36	1 24	5 21	0 47	11 8	0 34	18 7	5 4	5 54	5 35	7 8	4 47	6 27
S 26	23 20	4 24	2 45	18 21	4 11			18 26		13 28	0 50	11 36	1 24	5 21	0 47	11 8	0 34	18 7	5 4	5 54	5 36	7 7	4 47	6 27
S 27	23 18	8 5	3 36	18 30	4 5	16 12	1 14	18 16	1 16	13 29	0 51	11 37	1 25	5 21	0 47	11 7	0 34	18 7	5 4	5 55	5 37	7 5	4 47	6 27
M28	23 15	11 30	4 17	18 39	3 59	15 51	1 8	18 5	1 16	13 30	0 51	11 38	1 25	5 21	0 47	11 7	0 34	18 7	5 4	5 57	5 39	7 3	4 47	6 27
T 29	23 12	14 28	4 47	18 50	3 52	15 31	1 1	17 54	1 16	13 31	0 51	11 38	1 25	5 21	0 47	11 6	0 34	18 8	5 4	6 0	5 40	7 1	4 47	6 28
W30	23n 9	16n47	5 s 2	19n 2	3 s44	15n11	0n55	17n43	1n16	13 s33	0 s 5 1	11 s39	1 s25	5 s22	0 s47	11n 6	0n34	18s 8	5n 4	6n 3	5n41	7s 0	4 s48	6n28

Julian Day Number = 2545928.5, Delta T = 231.89 sec Ecliptic obliquity = $23^{\circ}24'11$, Nutation = $-0^{\circ}00'05$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $28^{\circ}21'07$, Lahiri = $27^{\circ}28'08$

JULY 2258 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	4	ħ)/(卉	Р	ß	Ω	ţ	, k	Day
T 1	18 35 31	99 9'29	22 Ⅱ 41	17 Ⅲ 32	22 Ω 14	14 Ω 56	26°R14	3°R 8	18°R16	2 m 32	7°R36	14°R25	15 m 30	11) 18	1°R42	T 1
F 2	18 39 28	10° 6'45	69548	18°21	22°57	15°33	26≈11	3 ∺ 6	18 ¥ 15	2°34	7 云 35	14 Mp 15	15°27	11°24	1) (40	F 2
S 3	18 43 24	11° 4'00	21°11	19°14	23°38	16°10	26° 8	3° 4	18°15	2°35	7°33	14° 6	15°24	11°31	1°39	S 3
S 4	18 47 21	12° 1'15	5Ω44	20°12	24°18	16°47	26° 4	3° 3	18°14	2°37	7°32	13°59	15°21	11°38	1°37	S 4
M 5	18 51 17	12°58'29	20°20	21°13	24°58	17°24	26° 1	3° 1	18°14	2°38	7°30	13°55	15°18	11°44	1°35	M 5
T 6	18 55 14	13°55'43	4 m 54	22°19	25°36	18° 1	25°57	2°59	18°13	2°40	7°29	13°53	15°15	11°51	1°34	T 6
W 7	18 59 11	14°52'57	19°19	23°29	26°13	18°38	25°53	2°56	18°12	2°42	7°27	13°D53	15°11	11°58	1°32	W 7
T 8	19 3 7	15°50'10	3 ≏ 34	24°43	26°48	19°15	25°49	2°54	18°12	2°43	7°26	13°53	15° 8	12° 4	1°30	T 8
F 9	19 7 4	16°47'23	17°37	26° 1	27°23	19°52	25°44	2°52	18°11	2°45	7°24	13°R54	15° 5	12°11	1°28	F 9
S 10	19 11 0	17°44'36	1 M 27	27°22	27°56	20°29	25°40	2°49	18°10	2°47	7°23	13°53	15° 2	12°18	1°26	S 10
S 11	19 14 57	18°41'49	15° 5	28°48	28°28	21° 6	25°35	2°47	18° 9	2°48	7°21	13°50	14°59	12°24	1°24	S 11
M12	19 18 53	19°39'01	28°29	09517	28°58	21°43	25°30	2°44	18° 9	2°50	7°20	13°45	14°55	12°31	1°22	M12
T 13	19 22 50	20°36'13	11 × 742	1°50	29°27	22°21	25°25	2°42	18° 8	2°52	7°18	13°38	14°52	12°38	1°20	T 13
W14	19 26 46	21°33'25	24°41	3°27	29°54	22°58	25°20	2°39	18° 7	2°53	7°17	13°29	14°49	12°44	1°18	W14
T 15	19 30 43	22°30'37	7 云 28	5° 7	0 m 20	23°35	25°15	2°36	18° 6	2°55	7°15	13°21	14°46	12°51	1°15	T 15
F 16	19 34 40	23°27'49	20° 1	6°50	0°44	24°12	25° 9	2°33	18° 5	2°57	7°14	13°12	14°43	12°57	1°13	F 16
S 17	19 38 36	24°25'02	2≈22	8°37	1° 6	24°49	25° 4	2°30	18° 4	2°59	7°12	13° 5	14°40	13° 4	1°11	S 17
S 18	19 42 33	25°22'14	14°32	10°27	1°27	25°27	24°58	2°27	18° 2	3° 1	7°11	12°59	14°36	13°11	1° 8	S 18
M19	19 46 29	26°19'27	26°31	12°20	1°46	26° 4	24°52	2°24	18° 1	3° 2	7°10	12°55	14°33	13°17	1° 6	M19
T 20	19 50 26	27°16'40	8) (24	14°16	2° 3	26°41	24°46	2°21	18° 0	3° 4	7° 8	12°D54	14°30	13°24	1° 4	T 20
W21	19 54 22	28°13'54	20°11	16°14	2°18	27°19	24°40	2°17	17°59	3° 6	7° 7	12°54	14°27	13°31	1° 1	W21
T 22	19 58 19	29°11'09	1 Υ 59	18°14	2°31	27°56	24°34	2°14	17°58	3° 8	7° 5	12°55	14°24	13°37	0°59	T 22
F 23	20 2 15	0 Ω 8'24	13°51	20°17	2°42	28°33	24°28	2°11	17°56	3°10	7° 4	12°57	14°21	13°44	0°56	F 23
S 24	20 6 12	1° 5'39	25°52	22°21	2°50	29°11	24°21	2° 7	17°55	3°12	7° 3	12°R58	14°17	13°51	0°53	S 24
S 25	20 10 8	2° 2'56	8 8 8	24°26	2°57	29°48	24°15	2° 4	17°53	3°14	7° 1	12°58	14°14	13°57	0°51	S 25
M26	20 14 5	3° 0'13	20°42	26°32	3° 2	0 m 25	24° 8	2° 0	17°52	3°16	7° 0	12°56	14°11	14° 4	0°48	M26
T 27	20 18 2	3°57'31	3 Ⅱ 40	28°39	3°R 4	1° 3	24° 1	1°56	17°51	3°18	6°58	12°53	14° 8	14°11	0°45	T 27
W28	20 21 58	4°54'50	17° 4	0 Ω 47	3° 4	1°40	23°54	1°53	17°49	3°20	6°57	12°49	14° 5	14°17	0°43	W28
T 29	20 25 55	5°52'09	0955	2°54	3° 2	2°18	23°47	1°49	17°47	3°22	6°56	12°43	14° 1	14°24	0°40	T 29
F 30	20 29 51	6°49'30	15°11	5° 2	2°57	2°55	23°40	1°45	17°46	3°24	6°55	12°38	13°58	14°30	0°37	F 30
S 31	20 33 48	7 Ω 46'51	299548	7 Ω 9	2 m 50	3 m 33	23≈33	1) (41	17) (44	3 Mp 26	6 ප 53	12 m 33	13 m 55	14) (37	0) €34	S 31

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S 4 M 5 T 6 W 7 T 8	22 52 22 46 22 41 22 34 22 28	12 45 2 8 58 0 4 4 40 0n2 0 10 1 4	9 19 57 2 20 13 48 20 28 29 20 43 44 20 58	2 55 1 2 43 1 2 32 1 2 20 1	13 28 0 19 13 8 0 11 12 48 0 2 12 28 0s 6	16 46 16 35 16 23 16 11	1 14 1 14 1 13 1 13	13 38 13 39 13 41 13 42 13 44	0 53 0 53 0 53 0 53	11 44 11 45 11 46	1 26 1 26 1 26 1 26 1 27	5 22 5 23 5 23 5 23 5 24	0 48 0 48	11 3 0 11 2 0 11 2 0 11 1 0	34 18 34 18 34 18 34 18 34 18	9 5 3 9 5 3 9 5 3 9 5 3	6 17 6 19 6 20 6 20 6 20	5 46 5 47 5 48 5 50 5 51	6 53 6 51 6 49 6 48 6 46	4 49 6 4 50 6 4 50 6 4 50 6	29 29 30 30 30
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M12 T 13 W14 T 15 F 16 S 17		17 6 5 18 17 5 18 32 4 4 17 51 4	56 21 55 6 22 7 1 22 18 40 22 28 6 22 36 21 22 42	1 16 1 1 3 1 0 50 1 0 38	10 49 0 53 10 30 1 3 10 12 1 13 9 53 1 24	15 10 14 58 14 45 14 32	1 11 1 11 1 11	13 51 13 53 13 55 13 57 13 59 14 1	0 54 0 54 0 55 0 55 0 55 0 55	11 54	1 27 1 28 1 28 1 28 1 28 1 28	5 25 5 25 5 26 5 26 5 27 5 27	0 48 0 48 0 48 0 48	10 58 0 10 58 0 10 57 0 10 56 0	34 18 1 34 18 1 34 18 1 34 18 1 34 18 1 34 18 1	1 5 2 1 5 2 1 5 2 1 5 2	6 23 6 26 6 29 6 32 6 36 6 38	5 56 5 57 5 58 5 59 6 1 6 2	6 39 6 37 6 36 6 34 6 32 6 31	4 53 6 4 53 6 4 54 6 4 54 6	31 32 32 32 32 32 32 32
S 18 M19 T 20 W21 T 22 F 23 S 24	21 2 20 51 20 40 20 29 20 17 20 5 19 53	11 17 1 2 8 2 0 2 4 29 0s4 0 46 1 4 3n 0 2 4	28 22 49	0 1 0n11 0 22 0 33 0 43	7 55 2 46	13 54 13 41 13 28 13 14 13 1	1 9 1 9 1 8 1 8	-	0 56 0 56 0 56 0 57	11 59 12 0 12 2 12 3 12 4	1 28 1 29 1 29 1 29 1 29 1 29 1 29	5 28 5 28 5 29 5 29 5 30 5 30 5 31	0 48	10 54 0 10 54 0 10 53 0 10 52 0 10 52 0	34 18 1 34 18 1 34 18 1 34 18 1 34 18 1 34 18 1 34 18 1	2 5 1 2 5 1 2 5 1 3 5 1 3 5 0	6 41 6 42 6 42 6 42 6 42 6 41 6 41	6 3 6 4 6 6 6 7 6 8 6 9 6 10	6 29 6 27 6 25 6 24 6 22 6 20 6 19	4 56 6 4 57 6 4 58 6 4 58 6 4 59 6	33 33 33 33 33 34 34
S 25 M26 T 27 W28 T 29 F 30 S 31	19 14 19 1 18 47 18 32	13 16 4 4 15 49 5 17 37 5 1 18 28 4 5 18 11 4 2	16 22 12 18 21 57 7 21 38 10 21 18 56 20 55 23 20 29 32 20n 2	1 9 1 16 1 23 1 28	7 26 3 11 7 12 3 24 6 59 3 37 6 47 3 51 6 35 4 4 6 24 4 18 6n14 4s31	12 21 12 7 11 54 11 40 11 26	1 7 1 6 1 6 1 6 1 5	14 19 14 21 14 24 14 26 14 29 14 31 14s34	0 58 0 58 0 58	12 9 12 10	1 30 1 30 1 30 1 30 1 30 1 30 1 s31	5 31 5 32 5 32 5 33 5 34 5 34 5 835	0 48 0 48 0 48 0 48	10 49 0 10 49 0 10 48 0 10 47 0 10 47 0		4 5 0 4 5 0 4 5 0 4 4 59 5 4 59	6 41 6 42 6 43 6 44 6 47 6 49 6n51	6 12 6 13 6 14 6 15 6 17 6 18 6n19	6 17 6 15 6 13 6 12 6 10 6 8 6s 6	5 1 6 5 2 6 5 3 6 5 4 6 5 5 6	34 34 34 34 35 35

Julian Day Number = 2545958.5, Delta T = 232.01 sec Ecliptic obliquity = $23^{\circ}24'11$, Nutation = - $0^{\circ}00'04$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $28^{\circ}21'11$, Lahiri = $27^{\circ}28'12$

AUGUST 2258 00:00 UT

Day	Sid.t	\odot	D	ğ	φ	♂	4	ħ)f(卉	Р	ß	Ω	Ç	ę,	Day
S 1	20 37 44	8 Ω 44'13	14 Ω 39	9 Ω 15	2°R40	4 Mp 10	23°R25	1°R37	17°R43	3 m 28	6°R52	12°R29	13 m 52	14) (44	0°R31	S 1
M 2	20 41 41	9°41'35	29°36	11°20	2 Mp 29	4°48	23≈18	1) 33	17) (41	3°30	6 ප 51	12 m)27	13°49	14°50	0 ∺ 29	M 2
T 3	20 45 38	10°38'59	14 Mp 32	13°25	2°14	5°26	23°11	1°29	17°39	3°32	6°50	12°D27	13°46	14°57	0°26	T 3
W 4	20 49 34	11°36'22	29°18	15°28	1°58	6° 3	23° 3	1°25	17°37	3°34	6°48	12°27	13°42	15° 4	0°23	W 4
T 5	20 53 31	12°33'46	13 ≏ 49	17°30	1°39	6°41	22°56	1°21	17°36	3°36	6°47	12°29	13°39	15°10	0°20	T 5
F 6	20 57 27	13°31'11	28° 1	19°31	1°18	7°18	22°48	1°17	17°34	3°38	6°46	12°30	13°36	15°17	0°17	F 6
S 7	21 1 24	14°28'36	11 M 54	21°30	0°55	7°56	22°40	1°13	17°32	3°40	6°45	12°R31	13°33	15°24	0°14	S 7
S 8	21 5 20	15°26'02	25°27	23°28	0°29	8°34	22°33	1° 9	17°30	3°43	6°44	12°30	13°30	15°30	0°11	S 8
M 9	21 9 17	16°23'29	8 ∡ 742	25°24	0° 2	9°11	22°25	1° 4	17°28	3°45	6°43	12°29	13°26	15°37	0° 8	M 9
T 10	21 13 13	17°20'56	21°39	27°19	29€33	9°49	22°17	1° 0	17°26	3°47	6°42	12°26	13°23	15°44	0° 5	T 10
W11	21 17 10	18°18'24	4 る 22	29°12	29° 2	10°27	22° 9	0°56	17°24	3°49	6°41	12°23	13°20	15°50	0° 2	W11
T 12	21 21 7	19°15'53	16°50	1 Mp 4	28°29	11° 5	22° 2	0°51	17°22	3°51	6°40	12°19	13°17	15°57	29≈59	T 12
F 13	21 25 3	20°13'23	29° 8	2°54	27°56	11°42	21°54	0°47	17°20	3°53	6°39	12°16	13°14	16° 4	29°55	F 13
S 14	21 29 0	21°10'53	11≈15	4°43	27°21	12°20	21°46	0°43	17°18	3°56	6°38	12°13	13°11	16°10	29°52	S 14
S 15	21 32 56	22° 8'25	23°14	6°30	26°45	12°58	21°38	0°38	17°16	3°58	6°37	12°11	13° 7	16°17	29°49	S 15
M16	21 36 53	23° 5'58	5 ∺ 7	8°15	26° 8	13°36	21°30	0°34	17°14	4° 0	6°36	12°10	13° 4	16°23	29°46	M16
T 17	21 40 49	24° 3'32	16°56	9°59	25°31	14°14	21°23	0°29	17°12	4° 2	6°35	12°D 9	13° 1	16°30	29°43	T 17
W18	21 44 46	25° 1'07	28°43	11°42	24°53	14°52	21°15	0°25	17°10	4° 4	6°34	12°10	12°58	16°37	29°40	W18
T 19	21 48 42	25°58'43	10 Y 31	13°23	24°16	15°30	21° 7	0°20	17° 7	4° 6	6°33	12°11	12°55	16°43	29°37	T 19
F 20	21 52 39	26°56'21	22°25	15° 2	23°39	16° 8	20°59	0°16	17° 5	4° 9	6°32	12°13	12°52	16°50	29°33	F 20
S 21	21 56 35	27°54'00	4 8 27	16°40	23° 2	16°46	20°51	0°11	17° 3	4°11	6°31	12°14	12°48	16°57	29°30	S 21
S 22	22 0 32	28°51'41	16°42	18°17	22°26	17°24	20°44	0° 7	17° 1	4°13	6°30	12°15	12°45	17° 3	29°27	S 22
M23	22 4 29	29°49'24	29°15	19°52	21°51	18° 2	20°36	0° 2	16°59	4°15	6°30	12°R15	12°42	17°10	29°24	M23
T 24	22 8 25	0 m /47'08	12耳 9	21°26	21°17	18°40	20°28	29≈58	16°56	4°18	6°29	12°15	12°39	17°17	29°21	T 24
W25	22 12 22	1°44'54	25°28	22°58	20°45	19°18	20°21	29°53	16°54	4°20	6°28	12°14	12°36	17°23	29°18	W25
T 26	22 16 18	2°42'41	99514	24°29	20°14	19°56	20°13	29°49	16°52	4°22	6°28	12°13	12°32	17°30	29°14	T 26
F 27	22 20 15	3°40'30	23°26	25°58	19°45	20°34	20° 6	29°44	16°49	4°24	6°27	12°12	12°29	17°37	29°11	F 27
S 28	22 24 11	4°38'21	8 N 3	27°26	19°17	21°12	19°59	29°40	16°47	4°26	6°26	12°11	12°26	17°43	29° 8	S 28
S 29	22 28 8	5°36'13	22°59	28°52	18°52	21°50	19°51	29°35	16°45	4°29	6°26	12°11	12°23	17°50	29° 5	S 29
M30	22 32 4	6°34'06	8MD 6	0 ჲ 17	18°28	22°29	19°44	29°31	16°42	4°31	<u>6°25</u>	12°D10	12°20	17°56	29° 2	M30
T 31	22 36 1	7 m 32'02	23 m 17	1 ≏ 40	18 N 7	23 m) 7	19 ≈ 37	29≈27	16 ∺ 40	4 m 33	6 ප 25	12 m 11	12 m 17	18 米 3	28≈59	T 31

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S 1 M 2 T 3	17 32	10 30 1 10 6 16 0n11	18 27 1 45	5 48 5 12 1	10 44 1 4 10 30 1 4	14 42 0 59	12 19 1 31 12 21 1 31	5 s 36 0 s 48 5 36 0 49 5 37 0 49	10 44 0 34 10 44 0 34	18 15 4 59 18 16 4 59	6 53	6n20 6 21 6 23	6s 5 6 3 6 1	5s 6 6n35 5 7 6 35 5 8 6 35
W 4 T 5 F 6 S 7	17 17 17 1 16 44 16 28	1 41 1 31 2s55 2 44 7 15 3 45 11 5 4 31		5 36 5 38 1 5 31 5 51			12 24 1 31 12 25 1 31	5 38 0 49 5 39 0 49 5 39 0 49 5 40 0 49	10 42 0 34 10 41 0 34	18 16 4 58 18 16 4 58	6 52 6 52	6 24 6 25 6 26 6 28	5 59 5 58 5 56 5 54	5 9 6 35 5 10 6 35 5 11 6 35 5 12 6 35
S 8 M 9 T 10 W11 T 12 F 13 S 14	15 54 15 37 15 19 15 1 14 43	16 33 5 14 17 59 5 10 18 28 4 52		5 22 6 29 5 21 6 40 5 22 6 51 5 23 7 2 5 25 7 12	9 4 1 2 8 49 1 1 8 35 1 1 8 20 1 1 8 5 1 0	15 0 1 0 15 3 1 0 15 6 1 0	12 30 1 32 12 32 1 32 12 34 1 32 12 35 1 32 12 37 1 32	5 42 0 49 5 42 0 49 5 43 0 49 5 44 0 49 5 45 0 49	10 40 0 34 10 39 0 34 10 38 0 34 10 37 0 34 10 37 0 34 10 36 0 34 10 35 0 34	18 17 4 57 18 17 4 57 18 18 4 57 18 18 4 57 18 18 4 56	6 52 6 53 6 54 6 56 6 57	6 29 6 30 6 31 6 32 6 34 6 35 6 36	5 52 5 51 5 49 5 47 5 45 5 44 5 42	5 13 6 35 5 14 6 35 5 15 6 35 5 16 6 36 5 17 6 36 5 18 6 36 5 19 6 36
S 15 M16 T 17 W18 T 19 F 20 S 21	14 7 13 48 13 29 13 10 12 50 12 31 12 11	12 8 1 43 9 1 0 39 5 34 0s26 1 54 1 30 1n51 2 31 5 32 3 25 9 2 4 11	10 19 1 18 9 35 1 12	5 31 7 30 5 36 7 38 5 41 7 45 5 48 7 51 5 55 7 56 6 2 8 1	7 36 0 59 7 21 0 59 7 6 0 59 6 51 0 58 6 36 0 58 6 21 0 58	15 13 1 0 15 16 1 0 15 19 1 1	12 40 1 32 12 42 1 32 12 44 1 33 12 45 1 33 12 47 1 33 12 49 1 33	5 46 0 49 5 47 0 49 5 48 0 49 5 49 0 49 5 50 0 49 5 51 0 49	10 34 0 34 10 34 0 34 10 33 0 34	18 19 4 56 18 19 4 56 18 19 4 56 18 19 4 55 18 20 4 55 18 20 4 55	6 59 6 59 6 59 6 59 6 59 6 58	6 37 6 39 6 40 6 41 6 42 6 43 6 45	5 40 5 38 5 37 5 35 5 33 5 31 5 29	5 20 6 36 5 21 6 36 5 22 6 36 5 23 6 36 5 25 6 36 5 26 6 35 5 27 6 35
S 22 M23 T 24 W25 T 26 F 27 S 28	11 31 11 11 10 50 10 30 10 9	16 58 5 17 18 11 5 9 18 23 4 43	4 24 0 25 3 40 0 18 2 56 0 10 2 13 0 2 1 30 0s 7	6 28 8 9 6 38 8 10 6 48 8 11 6 58 8 10 7 8 8 8	5 35 0 56 5 20 0 56 5 5 0 56 4 50 0 55	15 32 1 1 15 34 1 1 15 37 1 1 15 39 1 1 15 41 1 1 15 44 1 1 15 46 1 1	12 54 1 33 12 55 1 33 12 57 1 33 12 59 1 33 13 0 1 33	5 53 0 49 5 54 0 49 5 55 0 49 5 56 0 49 5 57 0 49	10 29 0 34 10 28 0 34 10 27 0 34 10 26 0 34 10 26 0 34 10 25 0 34 10 24 0 34	18 21 4 54 18 21 4 54 18 21 4 54 18 22 4 54 18 22 4 53	6 58	6 46 6 47 6 48 6 49 6 51 6 52 6 53	5 28 5 26 5 24 5 22 5 21 5 19 5 17	5 28 6 35 5 29 6 35 5 30 6 35 5 31 6 35 5 32 6 35 5 34 6 35 5 35 6 35
S 29 M30 T 31	9 27 9 5 8n44	12 11 1 45 8 10 0 23 3n36 1n 1		7 39 8 0	3 48 0 54	15 49 1 1 15 51 1 2 15 s53 1 s 2		6 0 0 49	10 23 0 34 10 22 0 34 10n22 0n34		6 59	6 54 6 55 6n57	5 15 5 13 5 s12	5 36 6 35 5 37 6 35 5 s38 6n35

Julian Day Number = 2545989.5, Delta T = 232.13 sec Ecliptic obliquity = $23^{\circ}24'11$, Nutation = - $0^{\circ}00'04$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $28^{\circ}21'16$, Lahiri = $27^{\circ}28'16$

SEPTEMBER 2258 00:00 UT

F 3 22 47 51 10°25′55 7m26 5°40 1°7 1° 25° 2 19° 16 29° 13 16°31 4°40 6°23 12° 11 12° 7 18°23 28°49 F 3 S 4 22 51 47 11°23′56 23° 16 8° 12 16°55 25° 16° 18° 55 26° 18 19° 3 29° 5 16°28 4° 44 6°22 12° 11 12° 1 18° 36 28° 43 8 5 M 6 22 59 40 13° 20001 18° 30 9° 25 16° 48 26° 57 18° 56 29° 0 16° 26 4° 44 6° 22 12° 11 11° 58 18° 50 28° 37 13° 16° 11 13° 54 11° 46 16° 41 28° 14 28° 51 18° 50 28° 56 16° 21 4° 51 6° 21 12° 12 11° 58 18° 50 28° 34 8° 51 18° 50 28° 36 16° 21 12° 12 11° 58 18° 50 28° 34 18° 50 28° 34 18° 50 28° 34 18° 50 28° 31 17° 9 28° 13 18° 14 4° 49																	
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S 4 22 51 47 11°23′56 21°39 6°57 17° 5 25°40 19° 9 29° 9 16°31 4°42 6°23 12°11 12° 4 18°30 28°46 S 4 S 5 22 55 44 12°21′58 5x³16 8°12 16°55 26°18 19°3 29° 5 16°28 4°44 6°22 12°11 11°21 18°36 28°33 S 5 M 6 22 59 40 13°2001 18°30 9°25 16°48 26°75 18°50 28°56 16°23 4°49 6°22 12°11 11°58 18°43 28°40 M 6 T 7 23 33 15°16′11 13°54 11°46 16°41 28°14 18°44 28°52 16°21 4°451 6°21 12°12 11°81 18°43 28°34 W 8 T 9 23 11 30 16°141 29°13 18°31 28°48 16°19 4°53 6°21 12°12 11°48 18°32 28°34 W 8 S 10 23 12	T 2	22 43 54							-		4°38			-			T 2
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$\begin{array}{c} W 8 & 23 & 7 & 33 & 15^{\circ}16711 & 13^{\circ}54 & 11^{\circ}46 & 16^{\circ}41 & 28^{\circ}14 & 18^{\circ}44 & 28^{\circ}52 & 16^{\circ}21 & 4^{\circ}51 & 6^{\circ}21 & 12^{\circ}12 & 11^{\circ}51 & 18^{\circ}56 & 28^{\circ}34 & W 8 \\ T 9 & 23 & 11 & 30 & 16^{\circ}14^{\circ}19 & 26^{\circ}12 & 12^{\circ}53 & 16^{\circ}14 & 28^{\circ}52 & 18^{\circ}37 & 28^{\circ}48 & 16^{\circ}19 & 4^{\circ}53 & 6^{\circ}21 & 12^{\circ}12 & 11^{\circ}45 & 19^{\circ}10 & 28^{\circ}28^{\circ}8 & 17 \\ F 10 & 23 & 15 & 27 & 17^{\circ}12^{\circ}28 & 88817 & 13^{\circ}58 & 16^{\circ}43 & 29^{\circ}31 & 18^{\circ}31 & 28^{\circ}43 & 16^{\circ}16 & 4^{\circ}55 & 6^{\circ}21 & 12^{\circ}13 & 11^{\circ}45 & 19^{\circ}10 & 28^{\circ}28^{\circ}8 & F10 \\ S 11 & 23 & 19 & 23 & 18^{\circ}1038 & 20^{\circ}15 & 15^{\circ} & 1 & 16^{\circ}48 & 0 \underline{0} & \underline{9} & 18^{\circ}26 & 28^{\circ}39 & 16^{\circ}14 & 4^{\circ}55 & 6^{\circ}21 & 12^{\circ}13 & 11^{\circ}45 & 19^{\circ}10 & 28^{\circ}28^{\circ}8 & F10 \\ S 11 & 23 & 19 & 23 & 18^{\circ}1038 & 20^{\circ}15 & 15^{\circ} & 1 & 16^{\circ}48 & 0 \underline{0} & \underline{9} & 18^{\circ}26 & 28^{\circ}39 & 16^{\circ}14 & 4^{\circ}55 & 6^{\circ}20 & 12^{\circ}13 & 11^{\circ}42 & 19^{\circ}16 & 28^{\circ}28^{\circ}8 & F10 \\ S 11 & 23 & 23 & 20 & 19^{\circ} & 850 & 2 \\ M 13 & 23 & 27 & 16 & 20^{\circ} & 70^{\circ}4 & 13^{\circ}54 & 16^{\circ}59 & 17^{\circ} & 4 & 1^{\circ}26 & 18^{\circ}14 & 28^{\circ}31 & 16^{\circ} & 9 & 5^{\circ} & 2 & 6^{\circ}20 & 12^{\circ}14 & 11^{\circ}38 & 19^{\circ}23 & 28^{\circ}23 & S12 \\ M 13 & 23 & 27 & 16 & 20^{\circ} & 70^{\circ}4 & 13^{\circ}54 & 16^{\circ}59 & 17^{\circ} & 4 & 1^{\circ}26 & 18^{\circ}14 & 28^{\circ}31 & 16^{\circ} & 9 & 5^{\circ} & 2 & 6^{\circ}20 & 12^{\circ}14 & 11^{\circ}38 & 19^{\circ}29 & 28^{\circ}20 & M13 \\ M 15 & 23 & 35 & 9 & 22^{\circ} & 336 & 7^{\circ}722 & 18^{\circ}46 & 17^{\circ}28 & 2^{\circ}44 & 18^{\circ}4 & 28^{\circ}23 & 16^{\circ} & 4 & 5^{\circ} & 6^{\circ}20 & 12^{\circ}13 & 11^{\circ}29 & 19^{\circ}43 & 3^{\circ}21 & 17^{\circ}44 & 28^{\circ}23 & 16^{\circ} & 4 & 5^{\circ} & 6^{\circ}20 & 12^{\circ}13 & 11^{\circ}29 & 19^{\circ}43 & 28^{\circ}17 & 114 \\ M 15 & 23 & 35 & 9 & 22^{\circ} & 336 & 7^{\circ}732 & 18^{\circ}46 & 17^{\circ}28 & 2^{\circ}44 & 18^{\circ}53 & 28^{\circ}19 & 16^{\circ} & 4 & 5^{\circ} & 6^{\circ}20 & 12^{\circ}13 & 11^{\circ}29 & 19^{\circ}43 & 28^{\circ}17 & 114 \\ M 15 & 23 & 36 & 5 & 2^{\circ}5704 & 25^{\circ}52 & 19^{\circ}35 & 17^{\circ}43 & 3^{\circ}22 & 17^{\circ}58 & 28^{\circ}19 & 16^{\circ} & 4 & 5^{\circ} & 6^{\circ}20 & 12^{\circ}13 & 11^{\circ}29 & 19^{\circ}49 & 28^{\circ}17 & 116^{\circ}49 \\ M 16 & 23 & 23 & 5 & 2$									-		-						
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S 12	4 17	9 50 0 56	8 34 2 2	8 9 34 6 28	0 25 0 4	8 16 17	1 2	13 25	1 34	6 12	0 49	10 12	0 35	18 26	4 49	6 58	7 11	4 50	5 53	6 32
M13	3 55	6 28 0s 9	9 4 2 3	6 9 40 6 19	0 9 0 4	8 16 19	1 2	13 26	1 34	6 12	0 49	10 11	0 35	18 26	4 49	6 58	7 12	4 48	5 54	6 32
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W15	3 9	0n54 2 16			0 22 0 4		1 2		1 34	6 14			0 35	18 27	4 49	6 58	7 15	4 45	5 56	6 32
T 16	2 46	4 37 3 12		0 9 55 5 51	0 38 0 4		1 2		1 34	6 15		10 9	0 35	18 27	4 48	6 59	7 16	4 43	5 57	6 31
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T 21 W22			3 12 8 3 3 3 12 23 3 3				1 1		1 34 1 34	6 20 6 21	0 49 0 49		0 35	18 28 18 29	4 47 4 47	7 1 7 1	7 22 7 23	4 34 4 32	6 3	6 30
T 23			12 23 3 3				1 1		1 34	6 22		-	0 35	18 29	4 47	7 1	7 24	4 32	6 5	6 29
F 24			12 43 3 4				1 1		1 34	6 22		-	0 35	18 29	4 46	7 1	7 26	4 29	6 6	6 29
S 25		-	12 49 3 5		2 59 0 4		1 1		1 34	6 23			0 35	18 29	4 46	7 0	7 27	4 27	6 8	6 29
S 26	1 6	10 4 1 0	12 51 3 5	2 10 9 4 15	3 15 0 4	2 16 36	1 1	13 43	1 34	6 24	0 49	10 2	0 35	18 30	4 46	7 0	7 28	4 25	6 9	6 29
M27	1 30	5 44 0n23					1 1		1 34	6 25		-	0 35	18 30	4 46	7 0	7 29	4 23	6 10	6 28
T 28	1 53	1 0 1 45	12 46 3 5	3 10 5 3 57	3 47 0 4	1 16 38	1 1	13 45	1 34	6 26		10 0	0 35	18 30	4 45	7 0	7 31	4 21	6 11	6 28
W29	2 16	3 s47 2 59	12 37 3 5	1 10 2 3 47	4 2 0 4	1 16 39	1 1	13 46	1 34	6 27	0 49	9 59	0 35	18 30	4 45	7 1	7 32	4 19	6 12	6 28
T 30	2 s39	8 s 1 6 4 n 0	12 s25 3 s4	8 9n58 3s38	4 s18 0n4	0 16 s40	1 s 1	13 s47	1 s34	6 s28	0 s49	9n59	0n35	18 s 30	4n45	7n 2	7n33	4s18	6s13	6n27

 $\label{eq:Julian Day Number = 2546020.5, Delta\ T = 232.25\ sec} \\ Ecliptic\ obliquity = 23°24'12, Nutation = -0°00'05, out-of-bounds\ declination\ in\ red\ Ayanamsha:\ Fagan/Bradley = 28°21'20, Lahiri = 27°28'20 \\$

OCTOBER 2258 00:00 UT

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Day	Sid.t	0	D	ğ	φ	♂	4	ħ)∤(并	Р	S.	v	Ç	ę,	Day
F 1	0 38 14	7 ₽ 40'50	16 M .16	22°R21	24 Ω 57	13 <u>₽</u> 6	17°R 2	27°R28	15°R28	5 m 39	6 3 22	11°R59	10 m 38	21 米 29	27°R34	F 1
S 2	0 42 11	8°39'42	0 ₮ 30	21 ≏ 40	25°37	13°46	17≈ 0	27≈25	15 ∺ 26	5°41	6°23	11 m 55	10°35	21°36	27≈32	S 2
S 3	0 46 7	9°38'35	14°17	20°53	26°19	14°25	16°58	27°23	15°24	5°43	6°23	11°52	10°32	21°42	27°30	S 3
M 4	0 50 4	10°37'30	27°35	19°59	27° 1	15° 4	16°56	27°20	15°21	5°45	6°24	11°50	10°29	21°49	27°28	M 4
T 5	0 54 0	11°36'27	10 궁 28	18°59	27°44	15°43	16°54	27°17	15°19	5°47	6°24	11°D50	10°25	21°56	27°26	T 5
W 6	0 57 57	12°35'26	22°59	17°55	28°28	16°23	16°52	27°15	15°17	5°48	6°25	11°50	10°22	22° 2	27°24	W 6
T 7	1 1 53	13°34'27	5≈12	16°48	29°14	17° 2	16°51	27°13	15°15	5°50	6°25	11°51	10°19	22° 9	27°22	T 7
F 8	1 5 50	14°33'29	17°12	15°39	29°59	17°41	16°50	27°10	15°13	5°52	6°26	11°53	10°16	22°16	27°20	F 8
S 9	1 9 47	15°32'33	29° 4	14°30	0 m 47	18°21	16°49	27° 8	15°11	5°54	6°27	11°55	10°13	22°22	27°19	S 9
S 10	1 13 43	16°31'39	10 米 51	13°23	1°35	19° 0	16°48	27° 6	15° 9	5°56	6°27	11°R55	10° 9	22°29	27°17	S 10
M11	1 17 40	17°30'46	22°39	12°20	2°23	19°40	16°48	27° 4	15° 7	5°57	6°28	11°55	10° 6	22°36	27°15	M11
T 12	1 21 36	18°29'56	4 Υ 29	11°22	3°13	20°19	16°48	27° 2	15° 6	5°59	6°29	11°53	10° 3	22°42	27°14	T 12
W13	1 25 33	19°29'07	16°24	10°32	4° 3	20°59	16°D47	27° 0	15° 4	6° 1	6°30	11°48	10° 0	22°49	27°12	W13
T 14	1 29 29	20°28'21	28°26	9°50	4°54	21°39	16°47	26°58	15° 2	6° 3	6°30	11°43	9°57	22°56	27°11	T 14
F 15	1 33 26	21°27'36	10836	9°18	5°46	22°18	16°48	26°56	15° 0	6° 4	6°31	11°36	9°54	23° 2	27° 9	F 15
S 16	1 37 22	22°26'54	22°56	8°56	6°39	22°58	16°48	26°55	14°58	6° 6	6°32	11°28	9°50	23° 9	27° 8	S 16
S 17	1 41 19	23°26'14	5 Ⅱ 28	8°D45	7°32	23°37	16°49	26°53	14°57	6° 8	6°33	11°21	9°47	23°15	27° 7	S 17
M18	1 45 15	24°25'36	18°11	8°45	8°26	24°17	16°50	26°52	14°55	6° 9	6°34	11°14	9°44	23°22	27° 5	M18
T 19	1 49 12	25°25'01	195 8	8°56	9°21	24°57	16°51	26°51	14°53	6°11	6°35	11°10	9°41	23°29	27° 4	T 19
W20	1 53 9	26°24'28	14°21	9°17	10°16	25°37	16°52	26°49	14°52	6°12	6°36	11° 7	9°38	23°35	27° 3	W20
T 21	1 57 5	27°23'57	27°51	9°49	11°11	26°17	16°54	26°48	14°50	6°14	6°37	11°D 6	9°35	23°42	27° 2	T 21
F 22	2 1 2	28°23'28	11 Ω 40	10°29	12° 8	26°57	16°55	26°47	14°49	6°16	6°38	11° 7	9°31	23°49	27° 1	F 22
S 23	2 4 58	29°23'02	25°49	11°18	13° 5	27°36	16°57	26°46	14°47	6°17	6°39	11° 8	9°28	23°55	27° 0	S 23
S 24	2 8 5 5	OML22'38	10 M)16	12°14	14° 2	28°16	16°59	26°46	14°46	6°19	6°40	11°R 9	9°25	24° 2	26°59	S 24
M25	2 12 51	1°22'16	24°59	13°18	15° 0	28°56	17° 1	26°45	14°44	6°20	6°41	11° 8	9°22	24° 9	26°58	M25
T 26	2 16 48	2°21'56	9 ≏ 53	14°27	15°58	29°36	17° 4	26°44	14°43	6°21	6°42	11° 5	9°19	24°15	26°58	T 26
W27	2 20 44	3°21'39	24°51	15°42	16°57	0 M .17	17° 7	26°44	14°41	6°23	6°43	11° 0	9°15	24°22	26°57	W27
T 28	2 24 41	4°21'23	9 M .43	17° 1	17°57	0°57	17° 9	26°43	14°40	6°24	6°45	10°52	9°12	24°29	26°56	T 28
F 29	2 28 38	5°21'10	24°22	18°24	18°57	1°37	17°12	26°43	14°39	6°26	6°46	10°44	9° 9	24°35	26°56	F 29
S 30	2 32 34	6°20'58	8 ∡ 740	19°50	19°57	2°17	17°16	26°43	14°38	6°27	6°47	10°35	9° 6	24°42	26°55	S 30
S 31	2 36 31	7 M 20'48	22 × 31	21 ≏ 19	20 m 57	2 M 57	17≈19	26°D43	14 ∺ 37	6 ₯ 28	6 る 48	10 m /26	9 m) 3	24) (49	26≈55	S 31

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F 8 S 9	5 44 6 7	13 34 2 11 10 41 1 10		9 1 2 19		16 44 1 0	13 54 1 33	6 34 0 49 6 35 0 49	9 53 0 35 9 53 0 35	18 33 4 43		43 4 3 44 4 1	6 21 6 24 6 22 6 24
S 10 M11 T 12	6 29 6 52 7 14	7 24 0 6 3 48 0s58 0 4 2 0	6 6 1 21	8 42 2 3	5 53 0 35 7 9 0 35 7 24 0 34		13 56 1 33	6 35 0 49 6 36 0 49 6 37 0 49	9 52 0 35 9 51 0 35 9 51 0 35	18 33 4 42 18 33 4 42		45 3 59 46 3 58 47 3 56	6 23 6 23 6 24 6 23 6 25 6 23
W13 T 14 F 15	7 37 7 59 8 21	3n43 2 57 7 22 3 46 10 46 4 26		8 10 1 39	7 39 0 34 7 54 0 33 8 10 0 33	16 44 1 0	13 58 1 33	6 37 0 49 6 38 0 49 6 39 0 49	9 50 0 35 9 50 0 35 9 49 0 35	18 34 4 41		48 3 54 50 3 52 51 3 50	6 26 6 22 6 27 6 22 6 27 6 21
S 16 S 17	9 5	16 8 5 8	2 56 0 35	7 33 1 16	3 25 0 33 3 40 0 32	16 43 1 0	13 59 1 33	6 39 0 48 6 40 0 48	9 48 0 35 9 48 0 35	18 34 4 41	7 18 7	52 3 48 53 3 47	6 28 6 21 6 29 6 21
M18 T 19 W20			2 33 1 5	7 6 1 2 9	3 55 0 32 9 10 0 31 9 25 0 31	16 43 0 59 16 42 0 59 16 42 0 59	14 0 1 33	6 41 0 48 6 41 0 48 6 42 0 48	9 47 0 35 9 47 0 35 9 46 0 35	18 35 4 40		54 3 45 56 3 43 57 3 41	6 30 6 20 6 31 6 20 6 32 6 19
T 21 F 22 S 23		17 5 3 32 14 49 2 32 11 37 1 22	2 39 1 38	6 22 0 41 9	9 55 0 30	16 41 0 59 16 41 0 59 16 40 0 59	14 1 1 32	6 42 0 48 6 43 0 48 6 44 0 48	9 45 0 35 9 45 0 35 9 44 0 35	18 35 4 39		58 3 39 59 3 37 0 3 36	6 32 6 19 6 33 6 19 6 34 6 18
S 24 M25	11 35 11 56	7 38 0 5 3 7 1n14	3 27 1 57		0 39 0 28		14 1 1 32	6 44 0 48 6 45 0 48	9 44 0 35 9 43 0 35	18 36 4 39	7 22 8 7 23 8	2 3 34 3 3 32	6 34 6 18 6 35 6 17
T 26 W27 T 28	12 17 12 37 12 57	1 s 3 8 2 2 8 6 1 8 3 3 3 3 1 0 3 3 4 2 2	4 16 2 3	5 18 0 15 10 5 1 0 8 1 4 43 0 2 1	8 0 27	16 37 0 59	14 2 1 32	6 45 0 48 6 46 0 48 6 46 0 48	9 43 0 35 9 42 0 35 9 42 0 35	18 36 4 38	7 24 8 7 26 8 7 29 8	4 3 30 5 3 28 6 3 26	6 36 6 17 6 36 6 16 6 37 6 16
F 29 S 30		16 41 5 6	5 49 2 5	4 7 0 9 1	1 51 0 25	16 35 0 58 16 34 0 58	14 2 1 32	6 47 0 48 6 47 0 48	9 41 0 36 9 41 0 36	18 37 4 38	7 32 8 7 35 8	8 3 24 9 3 23	6 38 6 15 6 38 6 15
S 31	13 s57	18 s13 4n59	6 s 2 3 2 n 4	3n49 0n15 12	2s 5 0n25	16s33 0s58	14s 2 1s32	6 s47 0 s48	9n41 0n36	18 s 37 4 n 37	7n39 8r	10 3 s21	6s39 6n15

Julian Day Number = 2546050.5, Delta T = 232.36 sec Ecliptic obliquity = $23^{\circ}24^{\circ}12$, Nutation = - $0^{\circ}00^{\circ}07$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $28^{\circ}21^{\circ}24$, Lahiri = $27^{\circ}28^{\circ}25$

NOVEMBER 2258 00:00 UT

Day	Sid.t	0	D	ğ	·	♂ [™]	4	ħ)∤(¥	Р	r	ಜಿ	Ç	ę,	Day
M 1	2 40 27	8ML20'40	5 云 55	22 ♀ 50	21 m 59	3 M .37	17≈23	26≈43	14°R35	6 m 29	6 ප 50	10°R20	9 m) 0	24) 55	26°R54	M 1
T 2	2 44 24	9°20'34	18°52	24°23	23° 0	4°18	17°26	26°43	14) (34	6°31	6°51	10 m 15	8°56	25° 2	26≈54	T 2
W 3	2 48 20	10°20'29	1≈25	25°57	24° 2	4°58	17°30	26°43	14°33	6°32	6°52	10°13	8°53	25° 8	26°54	W 3
T 4	2 52 17	11°20'26	13°39	27°33	25° 4	5°38	17°35	26°43	14°32	6°33	6°54	10°D13	8°50	25°15	26°54	T 4
F 5	2 56 13	12°20'25	25°38	29° 9	26° 7	6°19	17°39	26°44	14°31	6°34	6°55	10°13	8°47	25°22	26°54	F 5
S 6	3 0 10	13°20'25	7 ∺ 29	0 M .46	27°10	6°59	17°43	26°44	14°30	6°35	6°57	10°R14	8°44	25°28	26°D54	S 6
S 7	3 4 7	14°20'26	19°16	2°24	28°13	7°40	17°48	26°45	14°30	6°36	6°58	10°13	8°40	25°35	26°54	S 7
M 8	3 8 3	15°20'29	1 Υ 4	4° 2	29°17	8°20	17°53	26°46	14°29	6°37	6°59	10°11	8°37	25°42	26°54	M 8
T 9	3 12 0	16°20'34	12°58	5°40	0 ჲ 21	9° 1	17°58	26°46	14°28	6°38	7° 1	10° 6	8°34	25°48	26°54	T 9
W10	3 15 56	17°20'41	25° 0	7°18	1°25	9°41	18° 3	26°47	14°27	6°39	7° 2	9°59	8°31	25°55	26°54	W10
T 11	3 19 53	18°20'49	7 8 13	8°57	2°29	10°22	18° 9	26°48	14°27	6°40	7° 4	9°49	8°28	26° 2	26°54	T 11
F 12	3 23 49	19°20'59	19°38	10°35	3°34	11° 3	18°14	26°50	14°26	6°41	7° 6	9°37	8°25	26° 8	26°55	F 12
S 13	3 27 46	20°21'11	2 I I16	12°13	4°39	11°43	18°20	26°51	14°25	6°42	7° 7	9°24	8°21	26°15	26°55	S 13
S 14	3 31 42	21°21'25	15° 6	13°51	5°45	12°24	18°26	26°52	14°25	6°43	7° 9	9°11	8°18	26°22	26°56	S 14
M15	3 35 39	22°21'41	28° 8	15°28	6°51	13° 5	18°32	26°54	14°24	6°44	7°10	9° 0	8°15	26°28	26°56	M15
T 16	3 39 36	23°21'58	119921	17° 6	7°57	13°46	18°38	26°55	14°24	6°45	7°12	8°52	8°12	26°35	26°57	T 16
W17	3 43 32	24°22'18	24°45	18°43	9° 3	14°27	18°45	26°57	14°24	6°46	7°14	8°46	8° 9	26°42	26°58	W17
T 18	3 47 29	25°22'39	$8\Omega 20$	20°20	10° 9	15° 8	18°51	26°59	14°23	6°46	7°16	8°43	8° 6	26°48	26°58	T 18
F 19	3 51 25	26°23'02	22° 6	21°57	11°16	15°48	18°58	27° 0	14°23	6°47	7°17	8°D42	8° 2	26°55	26°59	F 19
S 20	3 55 22	27°23'27	6Mp 5	23°33	12°23	16°29	19° 5	27° 2	14°23	6°48	7°19	8°R42	7°59	27° 2	27° 0	S 20
S 21	3 59 18	28°23'54	20°15	25°10	13°30	17°11	19°12	27° 4	14°23	6°48	7°21	8°41	7°56	27° 8	27° 1	S 21
M22	4 3 15	29°24'23	4 ₽ 36	26°45	14°38	17°52	19°19	27° 6	14°23	6°49	7°23	8°39	7°53	27°15	27° 2	M22
T 23	4 7 11	0 ҂ 124'54	19° 6	28°21	15°46	18°33	19°27	27° 9	14°22	6°50	7°24	8°35	7°50	27°22	27° 3	T 23
W24	4 11 8	1°25'26	3 M .39	29°57	16°53	19°14	19°34	27°11	14°D22	6°50	7°26	8°27	7°46	27°28	27° 4	W24
T 25	4 15 5	2°26'01	18°11	1 ₹ 32	18° 2	19°55	19°42	27°13	14°22	6°51	7°28	8°17	7°43	27°35	27° 5	T 25
F 26	4 19 1	3°26'36	2 ₹ 33	3° 7	19°10	20°36	19°50	27°16	14°23	6°51	7°30	8° 5	7°40	27°41	27° 7	F 26
S 27	4 22 58	4°27'14	16°40	4°42	20°18	21°18	19°58	27°19	14°23	6°51	7°32	7°52	7°37	27°48	27° 8	S 27
S 28	4 26 54	5°27'52	0 云 26	6°16	21°27	21°59	20° 6	27°21	14°23	6°52	7°34	7°40	7°34	27°55	27° 9	S 28
M29	4 30 51	6°28'32	13°48	7°51	22°36	22°40	20°14	27°24	14°23	6°52	7°36	7°30	7°31	28° 1	27°11	M29
T 30	4 34 47	7 ₹ 129'14	26 궁 45	9 ∡ 125	23 ≏ 45	23M22	20≈23	27≈27	14) 23	6 m 53	7 云 37	7 m 23	7 ™ 27	28 米 8	27≈12	T 30
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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
M 1	14 s16	18 s40 4n3	6 6s59 2n	3n30 0n21	12 s19 0n24	16s32 0s58	14s 1 1s31	6 s48 0 s48	9n40 0n36	18s37 4n37	7n41	8n11	3 s 1 9	6s39 6n14
T 2	14 35	18 7 4	0 7 36 1 59	3 10 0 26	12 33 0 24	16 30 0 58	14 1 1 31	6 48 0 48	9 40 0 36	18 37 4 37	7 43	8 12	3 17	6 40 6 14
W 3	14 54	16 41 3 1	2 8 13 1 50	5 2 51 0 31	12 47 0 23	16 29 0 58	14 1 1 31	6 49 0 48	9 39 0 36	18 37 4 37	7 44	8 14	3 15	6 40 6 13
T 4	15 13	14 30 2 1	7 8 51 1 52	2 31 0 36	13 1 0 23	16 28 0 58	14 1 1 31	6 49 0 48	9 39 0 36	18 37 4 36	7 44	8 15	3 13	6 41 6 13
F 5	15 31	11 44 1 1	7 9 29 1 4	7 2 11 0 41	13 15 0 22	16 26 0 58	14 1 1 31	6 49 0 48	9 38 0 36	18 37 4 36	7 43	8 16	3 11	6 41 6 12
S 6	15 49	8 31 0 1	5 10 7 1 43	3 1 50 0 46	13 29 0 22	16 25 0 58	14 1 1 31	6 50 0 48	9 38 0 36	18 38 4 36	7 43	8 17	3 10	6 42 6 12
S 7	16 7	4 59 0s4	8 10 46 1 3	3 1 29 0 51	13 43 0 21	16 23 0 57	14 0 1 31	6 50 0 48	9 38 0 36	18 38 4 36	7 43	8 18	3 8	6 42 6 11
M 8	16 25	1 14 1 4	9 11 24 1 32	2 1 8 0 56	13 56 0 21	16 22 0 57	14 0 1 31	6 50 0 48	9 37 0 36	18 38 4 36	7 44	8 20	3 6	6 43 6 11
T 9	16 42	2n34 2 4	5 12 2 1 2	7 0 47 1 0	14 10 0 20	16 20 0 57	14 0 1 31	6 50 0 48	9 37 0 36	18 38 4 35	7 46	8 21	3 4	6 43 6 10
W10	16 59	6 20 3 3	5 12 39 1 2	0 26 1 5	14 23 0 20	16 18 0 57	13 59 1 31	6 51 0 48	9 37 0 36	18 38 4 35	7 49	8 22	3 2	6 43 6 10
T 11	17 16	9 53 4 1	5 13 17 1 1:	0 4 1 9	14 36 0 19	16 16 0 57	13 59 1 31	6 51 0 48	9 36 0 36	18 38 4 35	7 53	8 23	3 0	6 44 6 9
F 12	17 32	13 4 4 4	4 13 54 1	0 s18 1 13	14 49 0 19	16 15 0 57	13 58 1 31	6 51 0 48	9 36 0 36	18 38 4 35	7 57	8 24	2 58	6 44 6 9
S 13	17 49	15 41 4 5	9 14 30 1	0 40 1 17	15 3 0 18	16 13 0 57	13 58 1 30	6 51 0 48	9 36 0 36	18 39 4 35	8 2	8 25	2 57	6 44 6 9
S 14	18 4	17 36 5	0 15 5 0 5	5 1 3 1 21	15 16 0 17	16 11 0 57	13 57 1 30	6 51 0 48	9 35 0 36	18 39 4 34	8 7	8 27	2 55	6 45 6 8
M15	18 20	18 38 4 4	5 15 40 0 49	9 1 25 1 24	15 28 0 17	16 9 0 57	13 57 1 30	6 52 0 47	9 35 0 36	18 39 4 34	8 11	8 28	2 53	6 45 6 8
T 16	18 35	18 41 4 1	5 16 15 0 42	2 1 48 1 28	15 41 0 16	16 7 0 57	13 56 1 30	6 52 0 47	9 35 0 36	18 39 4 34	8 14	8 29	2 51	6 45 6 7
W17	18 50	17 41 3 3	1 16 48 0 3	5 2 11 1 32	15 54 0 16	16 5 0 56	13 55 1 30	6 52 0 47	9 35 0 36	18 39 4 34	8 16	8 30	2 49	6 45 6 7
T 18	19 5	15 41 2 3	3 17 21 0 2	3 2 34 1 35	16 6 0 15	16 3 0 56	13 55 1 30	6 52 0 47	9 34 0 36	18 39 4 34	8 18	8 31	2 47	6 45 6 6
F 19	19 19	12 45 1 2	7 17 53 0 22	2 57 1 38	16 19 0 15	16 0 0 56	13 54 1 30	6 52 0 47	9 34 0 36	18 39 4 33	8 18	8 33	2 45	6 46 6 6
S 20	19 33	9 3 0 1	4 18 24 0 1:	3 20 1 41	16 31 0 14	15 58 0 56	13 53 1 30	6 52 0 47	9 34 0 36	18 39 4 33	8 18	8 34	2 44	6 46 6 5
S 21	19 46	4 47 1n	1 18 54 0	3 44 1 44	16 43 0 14	15 56 0 56	13 52 1 30	6 52 0 47	9 34 0 36	18 39 4 33	8 18	8 35	2 42	6 46 6 5
M22	20 0	0 12 2 1	3 19 23 0	4 7 1 47	16 55 0 13	15 53 0 56	13 52 1 30	6 52 0 47	9 33 0 36	18 39 4 33	8 19	8 36	2 40	6 46 6 4
T 23	20 12	4 s 2 6 3 1	6 19 51 Os (6 4 30 1 49	17 7 0 12	15 51 0 56	13 51 1 30	6 52 0 47	9 33 0 36	18 40 4 33	8 20	8 37	2 38	6 46 6 4
W24	20 25	8 50 4	7 20 19 0 12	2 4 54 1 52	17 19 0 12	15 49 0 56	13 50 1 29	6 52 0 47	9 33 0 36	18 40 4 32	8 23	8 38	2 36	6 46 6 4
T 25	20 37	12 41 4 4	2 20 45 0 19	5 18 1 54	17 31 0 11	15 46 0 56	13 49 1 29	6 52 0 47	9 33 0 36	18 40 4 32	8 27	8 40	2 34	6 46 6 3
F 26	20 49	15 45 4 5	9 21 10 0 20	5 5 41 1 57	17 42 0 11	15 44 0 56	13 48 1 29	6 52 0 47	9 33 0 36	18 40 4 32	8 32	8 41	2 32	6 46 6 3
S 27	21 0	17 49 4 5	7 21 34 0 32	2 6 5 1 59	17 54 0 10	15 41 0 56	13 47 1 29	6 52 0 47	9 33 0 36	18 40 4 32	8 36	8 42	2 30	6 46 6 2
S 28	21 11	18 47 4 3	7 21 57 0 39	6 29 2 1	18 5 0 10	15 38 0 55	13 46 1 29	6 52 0 47	9 33 0 36	18 40 4 32	8 41	8 43	2 28	6 46 6 2
	21 21		3 22 19 0 4			15 36 0 55	13 45 1 29	6 52 0 47	9 32 0 36	18 40 4 32	8 45	8 44	2 27	6 46 6 1
T 30	21 s32	17 s33 3n1	7 22 s40 0 s5	7 s16 2n 5	18 s27 On 8	15 s33 0 s55	13 s44 1 s29	6 s 5 1 0 s 4 7	9n32 0n36	18 s40 4n31	8n47	8n46	2 s25	6 s 4 6 6 n 1

 $\label{eq:Julian Day Number = 2546081.5, Delta T = 232.48 sec} \\ Ecliptic obliquity = 23°24'12, Nutation = -0°00'08, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 28°21'28, Lahiri = 27°28'29} \\$

DECEMBER 2258 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ)∤(¥	Р	n	ນ	Ç	Ŗ	Day
W 1	4 38 44	8 × 129'56	9≈20	10 ∡ 759	24 <u>₽</u> 54	24M 3	20≈31	27≈30	14) (24	6 m 53	7 云 39	7°R18	7 m 24	28 米 15	27≈14	W 1
T 2	4 42 40	9°30'39	21°36	12°33	26° 3	24°45	20°40	27°33	14°24	6°53	7°41	7 m 16	7°21	28°21	27°16	T 2
F 3	4 46 37	10°31'24	3 ∺ 36	14° 7	27°13	25°26	20°49	27°36	14°25	6°53	7°43	7°15	7°18	28°28	27°17	F 3
S 4	4 50 34	11°32'09	15°28	15°41	28°22	26° 8	20°58	27°40	14°25	6°54	7°45	7°15	7°15	28°35	27°19	S 4
S 5	4 54 30	12°32'55	27°16	17°15	29°32	26°49	21° 7	27°43	14°26	6°54	7°47	7°14	7°12	28°41	27°21	S 5
M 6	4 58 27	13°33'42	9 Υ 5	18°49	0 M .42	27°31	21°16	27°47	14°26	6°54	7°49	7°12	7° 8	28°48	27°23	M 6
T 7	5 2 23	14°34'31	21° 2	20°22	1°52	28°12	21°26	27°50	14°27	6°54	7°51	7° 7	7° 5	28°55	27°25	T 7
W 8	5 6 20	15°35'20	3 8 9	21°56	3° 3	28°54	21°35	27°54	14°28	6°54	7°53	7° 0	7° 2	29° 1	27°27	W 8
T 9	5 10 16	16°36'10	15°31	23°30	4°13	29°36	21°45	27°57	14°28	6°R54	7°55	6°49	6°59	29° 8	27°29	T 9
F 10	5 14 13	17°37'01	28°10	25° 3	5°23	0 才 18	21°55	28° 1	14°29	6°54	7°57	6°37	6°56	29°15	27°31	F 10
S 11	5 18 9	18°37'53	11 II 5	26°37	6°34	0°59	22° 5	28° 5	14°30	6°54	7°59	6°24	6°52	29°21	27°33	S 11
S 12	5 22 6	19°38'46	24°17	28°10	7°45	1°41	22°15	28° 9	14°31	6°54	8° 2	6°11	6°49	29°28	27°35	S 12
M13	5 26 3	20°39'40	79542	29°44	8°56	2°23	22°25	28°13	14°32	6°54	8° 4	5°59	6°46	29°35	27°38	M13
T 14	5 29 59	21°40'35	21°20	1 ਰ 17	10° 7	3° 5	22°35	28°17	14°33	6°54	8° 6	5°50	6°43	29°41	27°40	T 14
W15	5 33 56	22°41'32	5 N 6	2°51	11°18	3°47	22°45	28°22	14°34	6°54	8° 8	5°43	6°40	29°48	27°43	W15
T 16	5 37 52	23°42'29	18°59	4°24	12°29	4°29	22°56	28°26	14°35	6°53	8°10	5°40	6°37	29°55	27°45	T 16
F 17	5 41 49	24°43'27	2 m 57	5°57	13°40	5°11	23° 6	28°30	14°36	6°53	8°12	5°D39	6°33	o Υ 1	27°48	F 17
S 18	5 45 45	25°44'27	16°59	7°31	14°52	5°53	23°17	28°35	14°37	6°53	8°14	5°39	6°30	0° 8	27°50	S 18
S 19	5 49 42	26°45'27	1 ♀ 3	9° 4	16° 3	6°36	23°28	28°39	14°39	6°53	8°16	5°R39	6°27	0°15	27°53	S 19
M20	5 53 38	27°46'29	15°10	10°37	17°15	7°18	23°39	28°44	14°40	6°52	8°18	5°38	6°24	0°21	27°55	M20
T 21	5 57 35	28°47'31	29°19	12°10	18°27	8° 0	23°50	28°49	14°41	6°52	8°20	5°35	6°21	0°28	27°58	T 21
W22	6 1 32	2 <u>9</u> °48'35	13 M 26	13°42	19°39	8°42	24° 1	28°53	14°43	6°51	8°23	5°28	6°18	0°35	28° 1	W22
T 23	6 5 28	0 궁 49'40	27°29	15°14	20°51	9°25	24°12	28°58	14°44	6°51	8°25	5°20	6°14	0°41	28° 4	T 23
F 24	6 9 25	1°50'45	11 × 25	16°46	22° 3	10° 7	24°23	29° 3	14°45	6°50	8°27	5° 9	6°11	0°48	28° 7	F 24
S 25	6 13 21	2°51'51	25° 8	18°17	23°15	10°49	24°35	29° 8	14°47	6°50	8°29	4°58	6° 8	0°55	28°10	S 25
S 26	6 17 18	3°52'58	8 궁 36	19°48	24°27	11°32	24°46	29°13	14°49	6°49	8°31	4°47	6° 5	1° 1	28°12	S 26
M27	6 21 14	4°54'05	21°45	21°18	25°39	12°14	24°58	29°18	14°50	6°49	8°33	4°38	6° 2	1° 8	28°16	M27
T 28	6 25 11	5°55'12	4≈35	22°47	26°52	12°57	25°10	29°24	14°52	6°48	8°36	4°31	5°58	1°15	28°19	T 28
W29	6 29 8	6°56'20	17° 6	24°14	28° 4	13°39	25°22	29°29	14°54	6°48	8°38	4°27	5°55	1°21	28°22	W29
T 30	6 33 4	7°57'28	29°20	25°41	29°17	14°22	25°33	29°34	14°55	6°47	8°40	4°D25	5°52	1°28	28°25	T 30
F 31	6 37 1	8 궁 58'36	11 米 21	27 る 5	0 ₹ 29	15 ×7 5	25≈45	29≈40	14) (57	6Mp46	8 국 42	4Mp26	5 m 49	1 Y 34	28≈28	F 31

Day	0	J)	ζ	i	ç	2	ď	1	2	+	ħ	ı)į	j(Ä	7	Е	2	ß	U	Ç	ķ	
	decl	decl l	at	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl l	at
W 1 T 2	21 s41 21 51	15 s36 12 59		23 s 0 23 19	0s57 1 3	7 s40 8 4		18 s 38 18 48		15 s 30 15 27	0 s 5 5 0 5 5		1 s29 1 29	6 s 5 1	0 s47 0 47	9n32 9 32	0n37 0 37	18 s40 18 40	4n31 4 31	8n49 8 50	8n47 8 48	2 s 2 3 2 2 1		6n 0
F 3	21 59	9 52	0 19	23 36	1 9	8 27	2 9	18 59	0 7	15 24	0 55	13 40	1 29	6 51	0 47	9 32	0 37	18 40	4 31	8 50	8 49	2 19	6 45	6 0
S 4	22 8	6 23	0 s43	23 52	1 14	8 51	2 11	19 9	0 6	15 21	0 55	13 39	1 29	6 51	0 47	9 32	0 37	18 40	4 31	8 50	8 50	2 17	6 45	5 59
S 5	22 16	2 41	1 44		1 20	9 14		19 20		15 18			1 29	6 50		9 32	0 37		4 31	8 50	8 51	2 15	6 45	5 59
M 6	22 24 22 31	1n 8 4 57	-	24 2124 33	1 25 1 30	9 38 10 1		19 30 19 40		15 15 15 12	0 55 0 55		1 28 1 28	6 50 6 50		9 32 9 32	0 37 0 37		4 30 4 30	8 51 8 53	8 53 8 54	2 13 2 12		5 58 5 58
W 8	22 38	8 37		24 44		10 24		19 49		15 12	0 55		1 28	6 50		9 32			4 30	8 56	8 55		6 44	5 57
T 9	22 44			24 54	-	10 47		19 59		15 6	0 55		1 28	6 49	0 47	9 32	0 37		4 30	9 0	8 56	2 8	6 44	5 57
F 10 S 11	22 50 22 55	14 53 17 7	4 58 5 0	25 3 25 10		11 10 11 32	2 16	20 8 20 18		15 3 14 59	0 55 0 54		1 28 1 28	6 49 6 48			0 37		4 30 4 30	9 4	8 57 8 58	2 6 2 4	-	5 57 5 56
S 12	23 0			25 16				20 13		14 56	0 54		1 28	6 48			0 37		4 30	9 14	9 0	2 2	6 43	5 56
M13	23 4		4 46			11 55 12 17		20 27		14 50	0 54	-	1 28	6 48	0 46	9 32	0 37	18 41	4 30	9 14	9 0	2 2		5 55
T 14	23 9	18 13	3 32	25 23	2 0	12 39	2 17	20 44	0 0	14 49	0 54	13 25	1 28	6 47	0 46	9 32	0 37	18 41	4 29	9 22	9 2	1 58	6 42	5 55
W15	_	16 28	2 35		-	13 1		20 53		14 46	0 54	-	1 28	6 47	0 46	9 32	0 37		4 29	9 24	9 3	1 56	6 42	5 55
T 16 F 17	23 15	13 43 10 11	1 27 0 14			13 23 13 44	2 17	21 10	0 1 0 2	14 42 14 39	0 54 0 54	_	1 28 1 28	6 46 6 46	0 46 0 46	9 32 9 33	0 37 0 37	-	4 29 4 29	9 25 9 26	9 4 9 6	1 54 1 53	6 41 6 41	5 54 5 54
S 18	23 20	6 3		25 21	-	14 6		21 18		14 35	0 54	-	1 28	6 45	0 46	9 33	0 37	-	4 29	9 25	9 7		-	5 53
S 19	23 22	1 35	2 11	25 17	2 12	14 27	2 16	21 26	0 3	14 32	0 54	13 17	1 28	6 45	0 46	9 33	0 37	18 41	4 29	9 25	9 8	1 49	6 40	5 53
M20	23 23	2 s 5 9	3 14		-	14 47		21 33	0 4		0 54		1 27	6 44	0 46		0 37		4 29	9 26	9 9	1 47	6 39	5 53
T 21 W22	23 24 23 24	7 23 11 22		25 524 56		15 7 15 27		21 41 21 48	0 4	14 24 14 21	0 54 0 54		1 27 1 27	6 44 6 43	0 46 0 46	9 33 9 33	0 37 0 37	-	4 28 4 28	9 27 9 29	9 10 9 11	1 45 1 43	6 39 6 38	5 52 5 52
T 23	_	14 41		24 46		15 47		21 55		14 17	0 54		1 27	6 43	0 46		0 37	-	4 28	9 33	9 13	1 41		5 51
F 24	23 23			24 35		16 7	2 13			14 13	0 54		1 27	6 42	0 46		0 37	-	4 28	9 37	9 14			5 51
S 25	23 22	18 34	4 45	24 22	2 14	16 26	2 12		0 7	14 9	0 54	13 7	1 27	6 41	0 46	9 34	0 37	18 41	4 28	9 41	9 15	1 37	6 36	5 51
S 26		18 55	4 13			16 44				14 5			1 27	6 41	0 46		0 37		4 28	9 45	9 16			5 50
M27 T 28		18 14 16 37	3 28 2 33	23 5223 35	-	17 2 17 20				14 1 13 57	0 54 0 53		1 27 1 27	6 40 6 39	0 46 0 46		0 37 0 37		4 28 4 28	9 48 9 50	9 17 9 18	1 34 1 32		5 50 5 50
W29		14 14		23 16		17 38		22 34		13 53	0 53		1 27	6 39			0 37		4 27	9 52	9 20	1 30	6 33	5 49
T 30				22 56		17 55		22 39		13 49		12 58	1 27	6 38			0 37		4 27	9 52	9 21	1 28		5 49
F 31	23 s 6	7 s52	0s37	22 s35	1 s55	18s11	2n 5	22 s45	0s11	13 s45	0 s53	12s56	1 s27	6 s37	0 s46	9n36	0n37	18 s40	4n27	9n52	9n22	1 s26	6 s 3 2	5n49

Julian Day Number = 2546111.5, Delta T = 232.59 sec Ecliptic obliquity = $23^{\circ}24'11$, Nutation = $-0^{\circ}00'08$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $28^{\circ}21'32$, Lahiri = $27^{\circ}28'33$