

Astrodienst Ephemeris Tables for the year 2024

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 2024 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ)મું(并	В	R	Ω	Ç	ķ	Day
M 1	6 40 36	10පි 2'20	6Mp 0	22°R17	2 ~ ¹ 37	27 × 19	5 8 35	3 ∺ 15	19°R23	25 米 5	29중21	21°R 5	20 Y 53	9 m)58	15 Y 28	M 1
T 2	6 44 33	11° 3'29	17°49	22°D11	3°50	28° 3	5°35	3°20	19822	25° 5	29°23	21 ° 0	20°49	10° 5	15°28	T 2
W 3	6 48 29	12° 4'38	29°37	22 才 14	5° 3	28°48	5°36	3°25	19°20	25° 6	29°25	20°58	20°46	10°12	15°28	W 3
T 4	6 52 26	13° 5'47	11 ≏ 30	22°26	6°16	29°32	5°36	3°31	19°19	25° 7	29°27	20°D57	20°43	10°18	15°29	T 4
F 5	6 56 23	14° 6'56	23°33	22°46	7°29	0 궁 17	5°37	3°36	19°18	25° 8	29°29	20°R57	20°40	10°25	15°29	F 5
S 6	7 0 19	15° 8'06	5 M .51	23°13	8°42	1° 1	5°38	3°42	19°17	25° 9	29°31	20°57	20°37	10°32	15°30	S 6
S 7	7 4 16	16° 9'16	18°31	23°46	9°56	1°46	5°40	3°48	19°16	25°10	29°33	20°54	20°34	10°38	15°30	S 7
M 8	7 8 12	17°10'26	1 ∡ 735	24°26	11° 9	2°31	5°41	3°53	19°15	25°11	29°35	20°49	20°30	10°45	15°31	M 8
T 9	7 12 9	18°11'36	15° 6	25°10	12°22	3°16	5°43	3°59	19°14	25°13	29°37	20°42	20°27	10°52	15°32	T 9
W10	7 16 5	19°12'46	29° 5	25°59	13°36	4° 1	5°45	4° 5	19°13	25°14	29°39	20°31	20°24	10°59	15°32	W10
T 11	7 20 2	20°13'56	13 る 27	26°52	14°49	4°46	5°47	4°11	19°12	25°15	29°40	20°19	20°21	11° 5	15°33	T 11
F 12	7 23 58	21°15'06	28° 8	27°49	16° 3	5°31	5°50	4°17	19°11	25°16	29°42	20° 7	20°18	11°12	15°34	F 12
S 13	7 27 55	22°16'16	12≈59	28°49	17°16	6°16	5°52	4°23	19°11	25°17	29°44	19°55	20°15	11°19	15°35	S 13
S 14	7 31 52	23°17'25	27°51	29°52	18°30	7° 1	5°55	4°29	19°10	25°19	29°46	19°46	20°11	11°25	15°36	S 14
M15	7 35 48	24°18'33	12) 36	0 궁 58	19°43	7°46	5°58	4°35	19° 9	25°20	29°48	19°39	20° 8	11°32	15°37	M15
T 16	7 39 45	25°19'41	27° 7	2° 6	20°57	8°31	6° 1	4°41	19° 9	25°21	29°50	19°36	20° 5	11°39	15°38	T 16
W17	7 43 41	26°20'48	11 Y 22	3°17	22°10	9°16	6° 4	4°48	19° 8	25°23	29°52	19°34	20° 2	11°45	15°39	W17
T 18	7 47 38	27°21'54	25°18	4°29	23°24	10° 1	6° 8	4°54	19° 8	25°24	29°54	19°34	19°59	11°52	15°40	T 18
F 19	7 51 34	28°22'59	8 8 57	5°43	24°38	10°46	6°12	5° 0 5° 7	19° 7 19° 7	25°25 25°27	29°56	19°34	19°55	11°59 12° 5	15°42 15°43	F 19
S 20	7 55 31	29°24'04	22°20	6°59	25°51	11°32	6°15				29°58	19°32	19°52			S 20
S 21	7 59 27	0≈25'08	5 Ⅱ 28	8°16	27° 5	12°17	6°20	5°13	19° 6	25°28	29°59	19°28	19°49	12°12	15°44	S 21
M22	8 3 24	1°26'11	18°24	9°35	28°19	13° 2	6°24	5°19	19° 6	25°30	0≈ 2	19°21	19°46	12°19	15°45	M22
T 23	8 7 21	2°27'13	195 8	10°55	29°33	13°48	6°28	5°26	19° 6	25°31	0° 4	19°11	19°43	12°25	15°47	T 23
W24	8 11 17	3°28'14	13°42	12°16	0중47	14°33	6°33	5°33	19° 6	25°33	0° 6	18°58	19°40	12°32	15°48	W24
T 25	8 15 14	4°29'14	26° 6	13°38	2° 1	15°18	6°38	5°39	19° 5	25°34	0° 8	18°44	19°36	12°39	15°50	T 25
F 26 S 27	8 19 10 8 23 7	5°30'14 6°31'13	8 Ω 20 20°26	15° 1 16°25	3°14 4°28	16° 4 16°49	6°43 6°48	5°46 5°52	19° 5 19°D 5	25°36 25°38	0°10 0°12	18°31 18°18	19°33 19°30	12°45 12°52	15°52 15°53	F 26 S 27
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S 28	8 27 3	7°32'10	2 Mp 23	17°50	5°42	17°35	6°54	5°59	19° 5	25°39	0°14	18° 7	19°27	12°59	15°55	S 28
M29	8 31 0	8°33'07	14°15	19°16	6°56	18°20	6°59	6° 6	19° 5	25°41	0°15	17°59	19°24	13° 5	15°57	M29
T 30	8 34 56	9°34'04	26° 2	20°43	8°10	19° 6	7° 5	6°13	19° 5	25°43	0°17	17°54	19°20	13°12	15°58	T 30
W31	8 38 53	10≈34'59	7 ≏ 50	22 궁 10	9 궁 24	19 る 52	7 8 11	6 ∺ 20	198 6	25) 44	0≈19	17 ⋎ 52	19 Ƴ 17	13 m 19	16 ℃ 0	W31

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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 T 2 W 3	23 s 4 22 59 22 53	12n38 3n34 7 22 2 46 1 51 1 50		3n 4 18s46 3 0 19 2 2 55 19 17	1n57 23 s58 1 55 23 59 1 53 24 0	0 34	-	1 s11 1 11 1 11	11 48	1 38	17n17 17 16 17 16			22 s59 2 s46 4 22 59 2 46 4 22 59 2 46	8 12	8n 9 8 8 8 7	10n57 10 54 10 51	7n20 1n21 7 20 1 21 7 20 1 21
T 4 F 5 S 6	22 48 22 41 22 35	9 21 0s14	20 25 20 33 20 42	2 49 19 31 2 42 19 46 2 34 19 59	1 51 24 1 1 49 24 2 1 47 24 2	0 35	12 17 12 18 12 18	1 10 1 10 1 10	11 42	1 38	17 16 17 16 17 15	0 18	3 4 1 14 3 4 1 14 3 3 1 14	22 58 2 46	8 11	8 5 8 4 8 3	10 48 10 44 10 41	7 20 1 21 7 20 1 21 7 21 1 21
F 12	22 20 22 12 22 4 21 55	23 41 3 17 26 40 4 5 28 6 4 40 27 42 4 58 25 23 4 57	21 12 21 23 21 33	2 26 20 12 2 18 20 25 2 9 20 37 2 0 20 48 1 51 20 59 1 41 21 9 1 32 21 19	1 45 24 2 1 43 24 2 1 41 24 2 1 38 24 1 1 36 24 0 1 34 23 59 1 31 23 57	0 37 0 38 0 38 0 39 0 39	12 19 12 20 12 21 12 22 12 23 12 24 12 25	1 9 1 9 1 9 1 8 1 8 1 8	11 36 11 34 11 31 11 29 11 27	1 38 1 38 1 37 1 37 1 37	17 15 17 15 17 14 17 14 17 14 17 14 17 14	0 18 0 18	3 3 1 14 3 2 1 14 3 2 1 14 3 1 1 14 3 1 1 14	1 22 57 2 47 1 22 56 2 47 1 22 56 2 47		8 2 8 1 7 59 7 58 7 57 7 56 7 55	10 35 10 32 10 29 10 25 10 22	7 21 1 21 7 21 1 20 7 22 1 20
S 14 M15 T 16 W17 T 18 F 19 S 20	21 26 21 15 21 4 20 53 20 41 20 29 20 17	9 38 3 2 2 55 1 56 3n50 0 43 10 16 0n30 16 4 1 41	22 13 22 21 22 29 22 36	1 23 21 28 1 14 21 37 1 4 21 44 0 55 21 52 0 46 21 58 0 37 22 4 0 28 22 10	1 29 23 56 1 26 23 54 1 24 23 51 1 21 23 49 1 18 23 46 1 16 23 43 1 13 23 40	0 41 0 41 0 42 0 42 0 43 0 43 0 44	12 30 12 32 12 33	1 7 1 7 1 7 1 6 1 6 1 6 1 5	11 20 11 18 11 16 11 13 11 11	1 37 1 37 1 37 1 37 1 37	17 13	0 18 0 18 0 18 0 18 0 18	2 59 1 14 2 58 1 14 2 58 1 14 2 57 1 14 2 57 1 14	1 22 54 2 47 1 22 54 2 47	7 44 7 41 7 40 7 39 7 39 7 39 7 39	7 53 7 52 7 51 7 50 7 49 7 47 7 46	10 16 10 13 10 9 10 6 10 3 10 0 9 57	7 22 1 20 7 22 1 19 7 22 1 19 7 23 1 19 7 23 1 19 7 23 1 19 7 24 1 19
S 21 M22 T 23 W24 T 25 F 26 S 27	19 50 19 37 19 23 19 8 18 54	27 13 4 18 28 12 4 46 27 42 4 59 25 48 4 58 22 44 4 43	22 51 22 54 22 57 22 58 22 58 22 57 22 54	0 20 22 14 0 11 22 18 0 3 22 22 0s 5 22 25 0 13 22 27 0 21 22 28 0 29 22 29	1 10 23 36 1 7 23 33 1 4 23 29 1 2 23 24 0 59 23 20 0 56 23 15 0 53 23 10	0 44 0 45 0 45 0 46 0 47 0 47 0 48	12 38 12 40 12 41 12 43	1 5 1 5 1 4 1 4 1 4 1 3	11 4 11 1 10 59 10 56 10 54	1 37 1 37 1 37 1 37 1 37	17 13	0 18 0 18 0 18 0 18	2 54 1 14 2 53 1 14 2 52 1 13		7 37 7 34 7 30 7 26 7 21 7 15 7 10	7 45 7 44 7 43 7 41 7 40 7 39 7 38	9 53 9 50 9 47 9 44 9 41 9 37 9 34	7 24 1 19 7 25 1 18 7 25 1 18 7 25 1 18 7 26 1 18 7 26 1 18 7 27 1 18
S 28 M29 T 30 W31	18 23 18 7 17 51 17 s35	8 48 2 49 3 19 1 53	22 51 22 46 22 40 22 s33	0 36 22 29 0 43 22 28 0 50 22 27 0 s 56 22 s 25	0 50 23 5 0 47 22 59 0 44 22 53 0n41 22 s47	0 49 0 49	12 49 12 51 12 53 12n56	1 3 1 3 1 3 1 s 2	10 46 10 44	1 37 1 37	17 13 17 13 17 13 17n13	0 18 0 18			7 3 7 1	7 37 7 35 7 34 7n33	9 31 9 28 9 24 9n21	7 27 1 18 7 28 1 18 7 28 1 17 7n29 1n17

Julian Day Number = 2460310.5, Delta T = 69.10 sec Ecliptic obliquity = $23^{\circ}26'18$, Nutation = - $0^{\circ}00'05$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $25^{\circ}04'32$, Lahiri = $24^{\circ}11'32$

FEBRUARY 2024 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	4	ħ)Å(¥	В	n	v	Ç	ķ	Day
T 1	8 42 50	11≈35'54	19 ≏ 42	23石39	10 ට 38	20 궁 37	7 と 17	6 ∺ 26	19 8 6	25) (46	0≈21	17°D51	19 Υ 14	13 m 25	16 Y 2	T 1
F 2	8 46 46	12°36'48	1 M .42	25° 8	11°52	21°23	7°23	6°33	19° 6	25°48	0°23	17 Y 52	19°11	13°32	16° 4	F 2
S 3	8 50 43	13°37'41	13°58	26°38	13° 6	22° 9	7°30	6°40	19° 6	25°50	0°25	17°R52	19° 8	13°39	16° 6	S 3
S 4	8 54 39	14°38'34	26°33	28° 9	14°20	22°55	7°36	6°47	19° 7	25°51	0°27	17°51	19° 5	13°45	16° 8	S 4
M 5	8 58 36	15°39'26	9 ∡ ³32	29°40	15°34	23°41	7°43	6°54	19° 7	25°53	0°29	17°49	19° 1	13°52	16°10	M 5
T 6	9 2 32	16°40'17	23° 0	1≈13	16°49	24°26	7°50	7° 1	19°8	25°55	0°31	17°43	18°58	13°59	16°12	T 6
W 7	9 6 29	17°41'07	6 ප 58	2°46	18° 3	25°12	7°57	7° 8	19°8	25°57	0°33	17°36	18°55	14° 5	16°14	W 7
T 8	9 10 25	18°41'56	21°24	4°19	19°17	25°58	8° 4	7°15	19° 9	25°59	0°35	17°27	18°52	14°12	16°16	T 8
F 9	9 14 22	19°42'44	6≈14	5°54	20°31	26°44	8°11	7°22	19°10	26° 1	0°36	17°18	18°49	14°19	16°19	F 9
S 10	9 18 19	20°43'31	21°19	7°30	21°45	27°30	8°19	7°29	19°10	26° 3	0°38	17° 9	18°46	14°25	16°21	S 10
S 11	9 22 15	21°44'16	6) €31	9° 6	22°59	28°16	8°27	7°37	19°11	26° 5	0°40	17° 1	18°42	14°32	16°23	S 11
M12	9 26 12	22°45'00	21°38	10°43	24°13	29° 2	8°35	7°44	19°12	26° 7	0°42	16°56	18°39	14°39	16°25	M12
T 13	9 30 8	23°45'42	6 Ƴ 31	12°21	25°28	29°48	8°42	7°51	19°13	26° 9	0°44	16°54	18°36	14°45	16°28	T 13
W14	9 34 5	24°46'23	21° 5	13°59	26°42	0≈34	8°51	7°58	19°14	26°11	0°46	16°D54	18°33	14°52	16°30	W14
T 15	9 38 1	25°47'02	5 8 15	15°39	27°56	1°21	8°59	8° 5	19°15	26°13	0°47	16°54	18°30	14°59	16°33	T 15
F 16	9 41 58	26°47'40	19° 1	17°19	29°10	2° 7	9° 7	8°13	19°16	26°15	0°49	16°55	18°26	15° 5	16°35	F 16
S 17	9 45 54	27°48'15	2∏24	19° 0	0≈24	2°53	9°16	8°20	19°17	26°17	0°51	16°R56	18°23	15°12	16°38	S 17
S 18	9 49 51	28°48'49	15°27	20°42	1°39	3°39	9°25	8°27	19°18	26°19	0°53	16°54	18°20	15°19	16°40	S 18
M19	9 53 48	29°49'22	28°12	22°25	2°53	4°25	9°33	8°34	19°19	26°21	0°55	16°50	18°17	15°25	16°43	M19
T 20	9 57 44	0) 49′52	109544	24° 9	4° 7	5°11	9°42	8°42	19°20	26°23	0°56	16°45	18°14	15°32	16°46	T 20
W21	10 141	1°50'21	23° 3	25°54	5°21	5°58	9°51	8°49	19°21	26°25	0°58	16°37	18°11	15°39	16°48	W21
T 22	10 5 37	2°50'48	5 Ω 13	27°40	6°36	6°44	10° 1	8°56	19°23	26°27	1° 0	16°29	18° 7	15°45	16°51	T 22
F 23	10 9 34	3°51'13	17°15	29°27	7°50	7°30	10°10	9° 4	19°24	26°29	1° 1	16°20	18° 4	15°52	16°54	F 23
S 24	10 13 30	4°51'36	29°12	1) €14	9° 4	8°17	10°20	9°11	19°25	26°31	1° 3	16°12	18° 1	15°59	16°57	S 24
S 25	10 17 27	5°51'58	11 Mp 3	3° 3	10°18	9° 3	10°29	9°18	19°27	26°34	1° 5	16° 6	17°58	16° 5	16°59	S 25
M26	10 21 23	6°52'18	22°52	4°52	11°33	9°49	10°39	9°25	19°28	26°36	1° 7	16° 1	17°55	16°12	17° 2	M26
T 27	10 25 20	7°52'36	4 ≏ 41	6°43	12°47	10°36	10°49	9°33	19°30	26°38	1° 8	15°59	17°52	16°19	17° 5	T 27
W28	10 29 17	8°52'53	16°31	8°34	14° 1	11°22	10°59	9°40	19°31	26°40	1°10	15°D58	17°48	16°25	17° 8	W28
T 29	10 33 13	9 ∺ 53'08	28 ≏ 26	10 ∺ 26	15≈15	12≈ 9	118 9	9){ 47	19 8 33	26) (42	1≈11	15 Y 59	17 Ƴ 45	16 m 32	17 Y 11	T 29

Day	0	D	ğ	Q	d	7	2	ļ	ħ)į	β(¥		Р	ß	Ω	Ç	Š	
	decl	decl lat	decl la	it decl la	it decl	lat	decl	lat	decl	lat	decl	lat	decl lat	dec	lat	decl	decl	decl	decl	lat
T 1 F 2	17 s18	13 13 1 13	22 14	1 9 22 19	0n38 22 s41 0 35 22 35	0 51	12n58 13 0	1 2		1 37	17n13 17 13	0 18	2 48 1	13 22 s49 13 22 49	2 49	7 0	7n32 7 31	9n18 9 15	7n30 7 30	1n17 1 17
S 3 S 4	16 26		21 51	1 20 22 11	0 32 22 28 0 29 22 21	0 51 0 52	13 5	1 1	10 34 10 31	1 37	17 13 17 13	0 18	2 46 1	13 22 48 13 22 48	2 49	7 0	7 29 7 28	9 12 9 8	7 31 7 32	1 17
M 5 T 6 W 7		25 50 4 0 27 52 4 37 28 14 4 59	21 22	1 31 22 0	0 26 22 13 0 23 22 6 0 20 21 58		13 7 13 10 13 12		10 28 10 26 10 23	1 37	17 13 17 13 17 14	0 18		13 22 48 13 22 47 13 22 47	2 49	6 59 6 57 6 55	7 27 7 26 7 25	9 5 9 2 8 59	7 32 7 33 7 34	1 17 1 17 1 16
T 8 F 9 S 10	14 54		20 28	1 44 21 38	0 17 21 50 0 15 21 42 0 12 21 33	0 54	13 15 13 18 13 20	1 0 1 0 1 0		1 37	17 14 17 14 17 14	0 17	2 42 1	13 22 40 13 22 40 13 22 40	2 49	6 51 6 47 6 44	7 23 7 22 7 21	8 55 8 52 8 49	7 34 7 35 7 36	1 16 1 16 1 16
S 11 M12 T 13		12 12 3 19 5 20 2 11	19 46 19 23	1 51 21 20 1 54 21 10	0 9 21 25 0 6 21 16 0 3 21 6	0 55 0 56	13 23 13 26 13 28	0 59	10 13 10 10	1 37 1 37	17 14 17 15 17 15	0 17 0 17	2 41 1 2 40 1	13 22 40 13 22 40 13 22 40	2 49 2 50	6 41 6 39	7 20 7 19 7 17	8 46 8 42 8 39	7 37 7 37 7 38	1 16 1 16 1 16
W14 T 15 F 16	13 16 12 55 12 35	14 48 1 37	18 5	2 2 20 37	0s 0 20 57 0 3 20 47 0 6 20 38	0 57	13 31 13 34 13 37	0 59 0 58 0 58		1 37 1 37	17 15 17 15 17 16	0 17 0 17	2 37 1	13 22 45 13 22 45 13 22 44	2 50	6 38 6 39 6 39	7 16 7 15 7 14	8 36 8 32 8 29	7 39 7 40 7 41	1 16 1 15 1 15
S 17 S 18 M19	12 14 11 53 11 32		16 35	2 6 19 59	0 9 20 27 0 11 20 17 0 14 20 7	0 59	13 40 13 43 13 46	0 58 0 58 0 57	9 57 9 54 9 51	1 37	17 16 17 16 17 17	0 17	2 35 1	13 22 44 13 22 44 13 22 44	2 50	6 38	7 13 7 11 7 10	8 26 8 23 8 19	7 42 7 42 7 43	1 15 1 15 1 15
T 20 W21	11 11 10 49	28 6 5 6 26 30 5 6	15 28 14 52	2 7 19 30 2 6 19 15	0 17 19 56 0 20 19 45	1 0 1 0	13 49 13 52	0 57 0 57	9 48 9 46	1 37 1 37	17 17 17 17	0 17 0 17	2 33 1 2 33 1	13 22 43 13 22 43	2 51 2 51	6 35 6 32	7 9 7 8	8 16 8 13	7 44 7 45	1 15 1 15
T 22 F 23 S 24	10 6	19 52 4 25	13 36	2 4 18 43	0 22 19 34 0 25 19 22 0 27 19 11	1 1	13 55 13 58 14 2	0 57 0 56 0 56	9 43 9 40 9 38	1 37	17 18 17 18 17 19	0 17	2 31 1	13 22 43 13 22 43 13 22 42	2 51	6 29 6 25 6 22	7 6 7 5 7 4	8 10 8 6 8 3	7 46 7 47 7 48	1 15 1 14 1 14
S 25 M26 T 27	9 22 8 59 8 37	4 42 2 2	11 33	1 58 17 50	0 30 18 59 0 33 18 47 0 35 18 35	1 2	14 5 14 8 14 11	0 56 0 56 0 56	9 35 9 32 9 29	1 37	17 19 17 19 17 20	0 17	2 28 1	13 22 42 13 22 42 13 22 42	2 51	6 20 6 18 6 17	7 3 7 2 7 0	8 0 7 56 7 53	7 49 7 50 7 51	1 14 1 14 1 14
W28 T 29	8 14	6 32 0s 3	10 4	1 51 17 13	0 37 18 23 0 s40 18 s10	1 3	14 15 14n18	0 55 0 s55	9 27 9 s24	1 37	17 20 17 20 17n21		2 26 1	13 22 4 13 22 4 13 22 s4	2 52	6 17	6 59 6n58	7 50 7n47	7 52 7n53	1 14

 $\label{eq:Julian Day Number = 2460341.5} \ Delta\ T = 69.09\ sec$ Ecliptic obliquity = 23°26'19, Nutation = -0°00'04, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 25°04'36, Lahiri = 24°11'37

MARCH 2024 00:00 UT

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Day	Sid.t	0	D	ğ	ρ	ď	4	ħ)∤(¥	Р	n	v	Ç	Ŷ,	Day
F 1	10 37 10	10) 53'22	10 M 29	12 米 19	16≈30	12≈55	11819	9) 55	19 8 35	26) (44	1≈13	16 Y 0	17 Y 42	16 m 39	17 Υ 14	F 1
S 2	10 41 6	11°53'34	22°45	14°13	17°44	13°42	11°29	10° 2	19°36	26°47	1°15	16° 2	17°39	16°45	17°17	S 2
S 3	10 45 3	12°53'45	5 ₹ 18	16° 8	18°58	14°28	11°40	10° 9	19°38	26°49	1°16	16° 3	17°36	16°52	17°20	S 3
M 4	10 48 59	13°53'55	18°13	18° 3	20°12	15°15	11°50	10°17	19°40	26°51	1°18	16°R 3	17°32	16°59	17°23	M 4
T 5	10 52 56	14°54'02	1 る 33	19°59	21°27	16° 1	12° 1	10°24	19°42	26°53	1°19	16° 2	17°29	17° 5	17°26	T 5
W 6	10 56 52	15°54'09	15°21	21°55	22°41	16°48	12°11	10°31	19°44	26°56	1°21	16° 0	17°26	17°12	17°29	W 6
T 7	11 0 49	16°54'13	29°37	23°52	23°55	17°34	12°22	10°39	19°46	26°58	1°22	15°56	17°23	17°19	17°32	T 7
F 8	11 4 46	17°54'16	14 ≈ 18	25°48	25°10	18°21	12°33	10°46	19°48	27° 0	1°24	15°52	17°20	17°25	17°36	F 8
S 9	11 8 42	18°54'18	29°20	27°45	26°24	19° 7	12°44	10°53	19°50	27° 2	1°25	15°48	17°17	17°32	17°39	S 9
S 10	11 12 39	19°54'17	14) 33	29°41	27°38	19°54	12°55	11° 1	19°52	27° 5	1°26	15°45	17°13	17°39	17°42	S 10
M11	11 16 35	20°54'15	29°48	1 Y 36	28°52	20°41	13° 7	11° 8	19°54	27° 7	1°28	15°43	17°10	17°45	17°45	M11
T 12	11 20 32	21°54'10	14 Y 54	3°30	0 ∺ 7	21°27	13°18	11°15	19°56	27° 9	1°29	15°D42	17° 7	17°52	17°48	T 12
W13	11 24 28	22°54'04	29°43	5°23	1°21	22°14	13°29	11°22	19°58	27°11	1°31	15°43	17° 4	17°59	17°52	W13
T 14	11 28 25	23°53'55	148 9	7°13	2°35	23° 0	13°41	11°30	20° 1	27°14	1°32	15°44	17° 1	18° 5	17°55	T 14
F 15	11 32 21	24°53'44	28° 8	9° 2	3°49	23°47	13°52	11°37	20° 3	27°16	1°33	15°45	16°58	18°12	17°58	F 15
S 16	11 36 18	25°53'31	11 Ⅱ 41	10°48	5° 4	24°34	14° 4	11°44	20° 5	27°18	1°35	15°46	16°54	18°19	18° 2	S 16
S 17	11 40 15	26°53'16	24°49	12°31	6°18	25°20	14°16	11°51	20° 8	27°20	1°36	15°R47	16°51	18°25	18° 5	S 17
M18	11 44 11	27°52'59	7 9 35	14°10	7°32	26° 7	14°28	11°58	20°10	27°23	1°37	15°47	16°48	18°32	18° 8	M18
T 19	11 48 8	28°52'39	20° 2	15°45	8°46	26°54	14°40	12° 5	20°12	27°25	1°38	15°46	16°45	18°39	18°12	T 19
W20	11 52 4	29°52'17	2 Ω 15	17°15	10° 1	27°40	14°52	12°13	20°15	27°27	1°39	15°44	16°42	18°45	18°15	W20
T 21	11 56 1	0 Υ 51'53	14°17	18°40	11°15	28°27	15° 4	12°20	20°17	27°30	1°41	15°42	16°38	18°52	18°19	T 21
F 22	11 59 57	1°51'26	26°12	20° 0	12°29	29°14	15°16	12°27	20°20	27°32	1°42	15°39	16°35	18°59	18°22	F 22
S 23	12 3 54	2°50'57	8Mm, 2	21°14	13°43	0 ∺ 0	15°28	12°34	20°23	27°34	1°43	15°37	16°32	19° 5	18°25	S 23
S 24	12 7 50	3°50'27	19°51	22°22	14°58	0°47	15°40	12°41	20°25	27°36	1°44	15°36	16°29	19°12	18°29	S 24
M25	12 11 47	4°49'54	1 <u>₽</u> 40	23°23	16°12	1°34	15°53	12°48	20°28	27°39	1°45	15°35	16°26	19°19	18°32	M25
T 26	12 15 44	5°49'19	13°32	24°17	17°26	2°20	16° 5	12°55	20°30	27°41	1°46	15°D34	16°23	19°25	18°36	T 26
W27	12 19 40	6°48'41	25°28	25° 4	18°40	3° 7	16°18	13° 2	20°33	27°43	1°47	15°35	16°19	19°32	18°39	W27
T 28	12 23 37	7°48'03	7 M 32	25°44	19°54	3°54	16°30	13° 9	20°36	27°45	1°48	15°35	16°16	19°39	18°43	T 28
F 29	12 27 33	8°47'22	19°45	26°17	21° 8	4°41	16°43	13°16	20°39	27°48	1°49	15°36	16°13	19°45	18°46	F 29
S 30	12 31 30	9°46'39	2 ₹ 9	26°42	22°23	5°27	16°56	13°22	20°41	27°50	1°50	15°36	16°10	19°52	18°50	S 30
S 31	12 35 26	10 Y 45'55	14 ×7 49	27 Y 0	23) 37	6 ¥ 14	17 8 8	13 米 29	20844	27 米 52	1≈51	15 Y 37	16 ℃ 7	19 m 59	18 Y 53	S 31

Day	0	D	ğ	φ	ð	4	ħ)મ(卉	Р	ß	Ω	Ç	Š
	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	7 s29 7 6	17s 1 2s10 21 29 3 8	8s31 1s4 7 42 1 3		17 s57 1 s 4 17 44 1 4	14n21 0s55 14 25 0 55		17n21 0s17 17 22 0 17		22 s41 2 s52 22 41 2 52	6n18 6 18	6n57 6 56	7n43 7 40	7n54 1n14 7 55 1 14
S 3 M 4 T 5 W 6 T 7 F 8 S 9	5 34 5 10 4 47 4 23	27 31 4 37 28 29 5 3 27 44 5 13 25 11 5 4 20 56 4 36 15 16 3 48	6 1 1 2 5 9 1 1 4 16 1 1 3 23 1 2 28 0 5 1 33 0 4	4 15 31 0 49 7 15 10 0 51 0 14 48 0 53 1 14 25 0 55 3 14 2 0 57 3 13 39 0 59	17 18 1 5 17 4 1 5 16 51 1 6 16 37 1 6 16 23 1 6 16 9 1 7	14 31 0 54 14 35 0 54 14 38 0 54 14 42 0 54 14 45 0 53 14 49 0 53	9 13 1 37 9 10 1 38 9 8 1 38 9 5 1 38 9 2 1 38 8 59 1 38	17 23 0 17 17 24 0 17 17 24 0 17 17 25 0 17 17 26 0 17	2 22 1 13 2 21 1 13 2 20 1 13 2 19 1 13 2 18 1 13 2 18 1 13	22 40 2 52 22 40 2 53 22 40 2 53 22 39 2 53 22 39 2 53	6 19 6 19 6 18 6 16 6 15 6 13	6 53 6 52 6 51 6 49 6 48 6 47	7 37 7 33 7 30 7 27 7 23 7 20 7 17	7 56 1 14 7 57 1 13 7 58 1 13 8 0 1 13 8 1 1 13 8 2 1 13 8 3 1 13
S 10 M11 T 12 W13 T 14 F 15 S 16	4 0 3 36 3 13 2 49 2 25 2 2 1 38	8 35 2 43 1 24 1 26 5n48 0 4 12 34 1n16 18 29 2 30 23 12 3 33 26 30 4 22	1 13 0 1 2 8 0 3 3 0n1	3 12 51 1 3 2 12 27 1 5 0 12 2 1 7 2 11 37 1 8 4 11 12 1 10		14 56 0 53 15 0 0 53 15 3 0 52	8 54 1 38 8 51 1 38 8 49 1 38 8 46 1 38 8 43 1 38	17 27 0 17		22 39 2 53 22 39 2 53 22 39 2 54	6 11 6 11 6 11 6 11 6 12	6 46 6 45 6 43 6 42 6 41 6 40 6 39	7 13 7 10 7 7 7 4 7 0 6 57 6 54	8 4 1 13 8 5 1 13 8 6 1 13 8 8 1 13 8 9 1 12 8 10 1 12 8 11 1 12
S 17 M18 T 19 W20 T 21 F 22 S 23	0 27 0 3 0n21	28 25 5 13 27 8 5 15 24 34 5 3 20 58 4 38 16 33 4 1	6 32 1 7 20 1 1 8 7 1 2 8 51 1 4 9 33 1 5	2 9 54 1 15 4 9 27 1 16 7 9 0 1 17 0 8 33 1 18 2 8 6 1 20	13 54 1 10 13 39 1 10	15 36 0 51	8 35 1 39 8 33 1 39 8 30 1 39 8 27 1 39 8 25 1 39	17 32 0 17 17 32 0 17 17 33 0 17	2 10 1 13 2 9 1 13 2 8 1 13 2 7 1 13 2 6 1 13	22 38 2 54 22 38 2 55 22 37 2 55	6 12 6 11 6 11 6 10	6 37 6 36 6 35 6 34 6 32 6 31 6 30	6 50 6 47 6 44 6 40 6 37 6 34 6 30	8 12 1 12 8 13 1 12 8 15 1 12 8 16 1 12 8 17 1 12 8 18 1 12 8 20 1 12
S 24 M25 T 26 W27 T 28 F 29 S 30 S 31	3 52	0 30 1 16 5s10 0 11 10 42 0s55 15 54 1 59 20 32 2 59 24 22 3 51	11 50 2 3 12 16 2 4 12 38 2 5 12 57 3	6 6 43 1 23 6 6 6 15 1 24 5 5 47 1 25 3 5 18 1 25 0 4 50 1 26 6 4 21 1 27	12 2 1 12 11 46 1 12 11 29 1 12 11 12 1 12 10 55 1 13 10 38 1 13		8 17 1 39 8 14 1 39 8 12 1 39 8 9 1 40 8 7 1 40 8 4 1 40	17 37 0 16 17 37 0 16 17 38 0 16	2 3 1 13 2 2 1 13 2 1 1 13 2 1 1 13 2 0 1 13 1 59 1 13	22 37 2 55 22 37 2 56 22 37 2 56 22 37 2 56	6 8 6 8 6 8 6 8 6 9	6 29 6 28 6 26 6 25 6 24 6 23 6 21 6n20	6 27 6 24 6 20 6 17 6 14 6 10 6 7 6n 3	8 21 1 12 8 22 1 11 8 23 1 11 8 25 1 11 8 26 1 11 8 27 1 11 8 28 1 11 8n30 1n11

Julian Day Number = 2460370.5, Delta T = 69.08 sec Ecliptic obliquity = $23^{\circ}26'19$, Nutation = - $0^{\circ}00'04$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $25^{\circ}04'40$, Lahiri = $24^{\circ}11'41$

APRIL 2024 00:00 UT

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Day	Sid.t	0	D	ğ	φ	ð	4	ħ)Å(并	В	n	v	Ç	Š,	Day
M 1	12 39 23	11 Y 45'09	27 ×7 46	27 Υ 10	24) 51	7) 1	17821	13) 36	20847	27) 54	1≈52	15 Y 37	16 Y 3	20 mg 5	18 Y 57	M 1
T 2	12 43 19	12°44'21	11る3	27°R13	26° 5	7°47	17°34	13°43	20°50	27°57	1°53	15°R37	16° 0	20°12	19° 0	T 2
W 3	12 47 16	13°43'31	24°42	27° 9	27°19	8°34	17°47	13°49	20°53	27°59	1°54	15°37	15°57	20°19	19° 4	W 3
T 4	12 51 13	14°42'40	8≈45	26°58	28°33	9°21	18° 0	13°56	20°56	28° 1	1°55	15°37	15°54	20°25	19° 7	T 4
F 5	12 55 9	15°41'46	23° 9	26°41	29°48	10° 7	18°13	14° 3	20°59	28° 3	1°55	15°D37	15°51	20°32	19°11	F 5
S 6	12 59 6	16°40'51	7 ∺ 53	26°18	1 Υ 2	10°54	18°26	14° 9	21° 2	28° 5	1°56	15°37	15°48	20°39	19°15	S 6
S 7	13 3 2	17°39'55	22°51	25°49	2°16	11°41	18°39	14°16	21° 5	28° 8	1°57	15°37	15°44	20°45	19°18	S 7
M 8	13 6 59	18°38'56	7 Ƴ 54	25°16	3°30	12°27	18°53	14°22	21° 8	28°10	1°58	15°R38	15°41	20°52	19°22	M 8
T 9	13 10 55	19°37'55	22°56	24°39	4°44	13°14	19° 6	14°29	21°11	28°12	1°58	15°38	15°38	20°59	19°25	T 9
W10	13 14 52	20°36'52	7 8 46	23°58	5°58	14° 1	19°19	14°35	21°14	28°14	1°59	15°37	15°35	21° 5	19°29	W10
T 11	13 18 48	21°35'47	22°18	23°15	7°12	14°47	19°33	14°42	21°17	28°16	2° 0	15°37	15°32	21°12	19°32	T 11
F 12	13 22 45	22°34'41	6 Ⅱ 27	22°31	8°26	15°34	19°46	14°48	21°20	28°18	2° 0	15°36	15°29	21°19	19°36	F 12
S 13	13 26 42	23°33'32	20° 9	21°45	9°41	16°21	19°59	14°54	21°24	28°20	2° 1	15°35	15°25	21°25	19°39	S 13
S 14	13 30 38	24°32'20	3925	21° 0	10°55	17° 7	20°13	15° 1	21°27	28°23	2° 1	15°34	15°22	21°32	19°43	S 14
M15	13 34 35	25°31'07	16°16	20°16	12° 9	17°54	20°26	15° 7	21°30	28°25	2° 2	15°34	15°19	21°38	19°46	M15
T 16	13 38 31	26°29'51	28°46	19°34	13°23	18°40	20°40	15°13	21°33	28°27	2° 2	15°D34	15°16	21°45	19°50	T 16
W17	13 42 28	27°28'33	$10\Omega 59$	18°54	14°37	19°27	20°54	15°19	21°36	28°29	2° 3	15°34	15°13	21°52	19°53	W17
T 18	13 46 24	28°27'12	22°59	18°17	15°51	20°13	21° 7	15°25	21°40	28°31	2° 3	15°35	15° 9	21°58	19°57	T 18
F 19	13 50 21	29°25'50	4 m 51	17°44	17° 5	21° 0	21°21	15°31	21°43	28°33	2° 4	15°36	15° 6	22° 5	20° 1	F 19
S 20	13 54 17	0824'25	16°39	17°15	18°19	21°46	21°35	15°37	21°46	28°35	2° 4	15°37	15° 3	22°12	20° 4	S 20
S 21	13 58 14	1°22'58	28°27	16°50	19°33	22°33	21°48	15°43	21°49	28°37	2° 4	15°39	15° 0	22°18	20° 8	S 21
M22	14 2 10	2°21'29	10 ≏ 19	16°30	20°47	23°19	22° 2	15°49	21°53	28°39	2° 5	15°R39	14°57	22°25	20°11	M22
T 23	14 6 7	3°19'58	22°17	16°15	22° 1	24° 6	22°16	15°54	21°56	28°41	2° 5	15°39	14°54	22°32	20°14	T 23
W24	14 10 4	4°18'25	4ML24	16° 5	23°15	24°52	22°30	16° 0	21°59	28°43	2° 5	15°38	14°50	22°38	20°18	W24
T 25	14 14 0	5°16'51	16°41	16° 0	24°29	25°38	22°44	16° 6	22° 3	28°45	2° 5	15°36	14°47	22°45	20°21	T 25
F 26	14 17 57	6°15'14	29° 9	15°D59	25°43	26°25	22°58	16°11	22° 6	28°47	2° 6	15°34	14°44	22°52	20°25	F 26
S 27	14 21 53	7°13'36	11 ∡ 750	16° 4	26°57	27°11	23°11	16°17	22°10	28°48	2° 6	15°30	14°41	22°58	20°28	S 27
S 28	14 25 50	8°11'57	24°45	16°14	28°11	27°57	23°25	16°22	22°13	28°50	2° 6	15°27	14°38	23° 5	20°32	S 28
M29	14 29 46	9°10'15	7 云 54	16°28	29°25	28°44	23°39	16°28	22°16	28°52	2° 6	15°24	14°35	23°12	20°35	M29
T 30	14 33 43	108 8'32	21 궁 18	16 Ƴ 47	0 8 38	29) 30	23 8 53	16 ¥ 33	22820	28) 5 4	2≈ 6	15 Y 22	14 Y 31	23 m 18	20 Y 39	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	4n39	28 s28 5 s 2	13n29 3n15	3 s24 1 s28	10s 4 1s13	16n13 0s49	7 s 59 1 s 40	17n41 0s16	1 s 57 1 s 1 3	22 s37 2 s57	6n 9	6n19	6n 0	8n31 1n11
T 2	5 2	28 14 5 17	13 32 3 17	2 55 1 28	9 47 1 14	16 17 0 49	7 57 1 40	17 42 0 16	1 56 1 13	22 37 2 57	6 9	6 18	5 57	8 32 1 11
W 3	5 25	26 20 5 14	13 32 3 17	2 25 1 29	9 30 1 14	16 21 0 49	7 54 1 40	17 43 0 16	1 55 1 13	22 37 2 57	6 9	6 17	5 53	8 33 1 11
T 4	5 48	22 46 4 52	13 27 3 16	1 56 1 29	9 12 1 14		7 52 1 40	17 44 0 16	-		6 9	6 15	5 50	8 35 1 11
F 5	6 11	17 46 4 12	13 18 3 14	1 27 1 29	8 55 1 14	16 29 0 49	7 49 1 41	17 44 0 16	1 54 1 13	22 37 2 57	6 9	6 14	5 47	8 36 1 11
S 6	6 33	11 37 3 15	13 6 3 10	0 58 1 30	8 37 1 14	16 32 0 48	7 47 1 41	17 45 0 16	1 53 1 13	22 37 2 57	6 9	6 13	5 43	8 37 1 11
S 7	6 56	4 44 2 3	12 50 3 4	0 28 1 30	8 20 1 14	16 36 0 48	7 45 1 41	17 46 0 16	1 52 1 13	22 37 2 58	6 9	6 12	5 40	8 39 1 11
M 8	7 18	2n29 0 43	12 31 2 57	0n 1 1 30	8 2 1 15	16 40 0 48	7 42 1 41	17 47 0 16	1 51 1 13	22 37 2 58	6 9	6 10	5 37	8 40 1 10
T 9	7 41	9 32 0n40	12 9 2 48	0 30 1 30	7 44 1 15	16 44 0 48	7 40 1 41	17 48 0 16	1 50 1 13	22 37 2 58	6 9	6 9	5 33	8 41 1 10
W10	8 3	15 59 2 0	11 44 2 37	1 0 1 30	7 26 1 15	16 47 0 48	7 37 1 41	17 48 0 16	1 49 1 13	22 37 2 58	6 9	6 8	5 30	8 42 1 10
T 11	8 25	21 24 3 10	11 17 2 26	1 29 1 30	7 9 1 15	16 51 0 48	7 35 1 41	17 49 0 16	1 49 1 13	22 37 2 58	6 9	6 7	5 27	8 44 1 10
F 12	8 47			1 59 1 29	6 51 1 15	16 55 0 48	7 33 1 42	17 50 0 16	1 48 1 13	22 37 2 58	6 8	6 6	5 23	8 45 1 10
S 13	9 9	27 50 4 47	10 19 1 59	2 28 1 29	6 33 1 15	16 58 0 48	7 31 1 42	17 51 0 16	1 47 1 13	22 37 2 59	6 8	6 4	5 20	8 46 1 10
S 14	9 31	28 34 5 10	9 48 1 44	2 57 1 29	6 15 1 15	17 2 0 47	7 28 1 42	17 52 0 16	1 46 1 13	22 37 2 59	6 8	6 3	5 16	8 48 1 10
M15	9 52	27 42 5 17	9 17 1 28	3 27 1 28	5 57 1 15	17 6 0 47	7 26 1 42	17 53 0 16	1 45 1 13	22 37 2 59	6 8	6 2	5 13	8 49 1 10
T 16	10 13	25 27 5 9	8 46 1 12	3 56 1 28	5 38 1 16	17 10 0 47	7 24 1 42	17 53 0 16	1 45 1 13	22 37 2 59	6 8	6 1	5 10	8 50 1 10
W17	10 34	22 4 4 47	8 15 0 55	4 25 1 27	5 20 1 16	17 13 0 47	7 22 1 42	17 54 0 16	1 44 1 14	22 37 2 59	6 8	5 59	5 6	8 51 1 10
T 18	10 55	17 49 4 12	7 46 0 38	4 54 1 27	5 2 1 16	17 17 0 47	7 19 1 42	17 55 0 16	1 43 1 14	22 37 2 59	6 8	5 58	5 3	8 53 1 10
	-		7 18 0 22			17 21 0 47		17 56 0 16		22 37 3 0	6 8	5 57	5 0	8 54 1 10
S 20	11 37	7 38 2 34	6 51 0 5	5 52 1 25	4 25 1 16	17 24 0 47	7 15 1 43	17 57 0 16	1 41 1 14	22 37 3 0	6 9	5 56	4 56	8 55 1 10
S 21	11 57	2 3 1 34	6 26 0s11	6 21 1 25	4 7 1 16	17 28 0 47	7 13 1 43	17 58 0 16	1 41 1 14	22 37 3 0	6 9	5 55	4 53	8 56 1 10
M22	12 17	3 s 3 8 0 3 0	6 4 0 27	6 49 1 24	3 49 1 16	17 32 0 46	7 11 1 43	17 59 0 16	1 40 1 14	22 37 3 0	6 10	5 53	4 49	8 58 1 10
T 23	12 38	9 14 0s37	5 44 0 43	7 18 1 23	3 30 1 16	17 35 0 46	7 9 1 43	18 0 0 16	1 39 1 14	22 37 3 0	6 10	5 52	4 46	8 59 1 10
W24	12 57	14 35 1 42	5 26 0 58	7 46 1 22	3 12 1 16	17 39 0 46	7 7 1 43	18 0 0 16	1 38 1 14	22 37 3 0	6 9	5 51	4 43	9 0 1 9
T 25	13 17	19 25 2 43	5 11 1 12	8 14 1 21	2 54 1 16	17 43 0 46	7 5 1 44	18 1 0 16	1 38 1 14	22 38 3 1	6 9	5 50	4 39	9 2 1 9
F 26	13 36	23 30 3 37	4 59 1 25	8 42 1 20	2 35 1 16	17 46 0 46	7 3 1 44	18 2 0 16	1 37 1 14	22 38 3 1	6 8	5 48	4 36	9 3 1 9
S 27	13 55	26 32 4 22	4 49 1 38	9 10 1 19	2 17 1 16	17 50 0 46	7 1 1 44	18 3 0 16	1 36 1 14	22 38 3 1	6 6	5 47	4 32	9 4 1 9
S 28	14 14	28 14 4 54	4 42 1 50	9 37 1 17	1 58 1 16	17 53 0 46	6 59 1 44	18 4 0 16	1 35 1 14	22 38 3 1	6 5	5 46	4 29	9 5 1 9
M29	14 33	28 23 5 12	4 37 2 1	10 4 1 16	1 40 1 16	17 57 0 46	6 57 1 44	18 5 0 16	1 35 1 14	22 38 3 1	6 4	5 45	4 26	9 7 1 9
T 30	14n52	26 s54 5 s13	4n35 2s11	10n32 1s15	1 s22 1 s16	18n 1 0 s46	6 s 5 5 1 s 4 5	18n 6 0s16	1 s 3 4 1 s 1 4	22 s38 3 s 2	6n 3	5n43	4n22	9n 8 1n 9

 $\label{eq:Julian Day Number = 2460401.5, Delta T = 69.08 sec} \\ Ecliptic obliquity = 23°26'19, Nutation = -0°00'05, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 25°04'45, Lahiri = 24°11'45} \\$

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Day	Sid.t	0	D	ğ	φ	♂	4	ħ)∤(卉	Р	ß	v	ţ	ę,	Day
W 1	14 37 40	11 8 6'48	4≈58	17 Y 11	1 8 52	0 Υ 16	24 8 7	16) (38	22823	28) 56	2≈ 6	15°D21	14 Y 28	23 m/25	20 Υ 42	W 1
T 2	14 41 36	12° 5'02	18°53	17°39	3° 6	1° 3	24°21	16°43	22°27	28°58	2° 6	15 Y 21	14°25	23°32	20°45	T 2
F 3	14 45 33	13° 3'15	3) € 3	18°11	4°20	1°49	24°35	16°49	22°30	28°59	2°R 6	15°22	14°22	23°38	20°49	F 3
S 4	14 49 29	14° 1'26	17°27	18°47	5°34	2°35	24°49	16°54	22°34	29° 1	2° 6	15°23	14°19	23°45	20°52	S 4
S 5	14 53 26	14°59'36	2 Y 2	19°26	6°48	3°21	25° 4	16°59	22°37	29° 3	2° 6	15°24	14°15	23°52	20°55	S 5
M 6	14 57 22	15°57'44	16°43	20°10	8° 2	4° 7	25°18	17° 4	22°41	29° 4	2° 6	15°R25	14°12	23°58	20°59	M 6
T 7	15 1 19	16°55'50	1824	20°57	9°16	4°53	25°32	17° 8	22°44	29° 6	2° 6	15°24	14° 9	24° 5	21° 2	T 7
W 8	15 5 15	17°53'56	16° 0	21°48	10°30	5°39	25°46	17°13	22°47	29° 8	2° 6	15°22	14° 6	24°12	21° 5	W 8
T 9	15 9 12	18°51'59	0 Ⅲ 23	22°42	11°44	6°25	26° 0	17°18	22°51	29° 9	2° 6	15°18	14° 3	24°18	21° 8	T 9
F 10	15 13 9	19°50'01	14°29	23°39	12°57	7°11	26°14	17°23	22°54	29°11	2° 5	15°13	14° 0	24°25	21°12	F 10
S 11	15 17 5	20°48'02	28°12	24°39	14°11	7°57	26°28	17°27	22°58	29°13	2° 5	15° 7	13°56	24°32	21°15	S 11
S 12	15 21 2	21°46'00	11930	25°42	15°25	8°43	26°42	17°32	23° 1	29°14	2° 5	15° 2	13°53	24°38	21°18	S 12
M13	15 24 58	22°43'57	24°25	26°48	16°39	9°29	26°57	17°36	23° 5	29°16	2° 5	14°57	13°50	24°45	21°21	M13
T 14	15 28 55	23°41'52	6Ω 58	27°56	17°53	10°15	27°11	17°41	23° 8	29°17	2° 4	14°54	13°47	24°51	21°24	T 14
W15	15 32 51	24°39'45	19°12	29° 8	19° 7	11° 1	27°25	17°45	23°12	29°19	2° 4	14°D53	13°44	24°58	21°27	W15
T 16	15 36 48	25°37'37	1 m 13	0 8 22	20°20	11°46	27°39	17°49	23°15	29°20	2° 4	14°53	13°41	25° 5	21°30	T 16
F 17	15 40 44	26°35'26	13° 5	1°38	21°34	12°32	27°53	17°53	23°19	29°22	2° 3	14°54	13°37	25°11	21°33	F 17
S 18	15 44 41	27°33'14	24°54	2°57	22°48	13°18	28° 7	17°57	23°22	29°23	2° 3	14°55	13°34	25°18	21°36	S 18
S 19	15 48 38	28°31'00	6 ≏ 43	4°19	24° 2	14° 3	28°21	18° 1	23°26	29°24	2° 3	14°56	13°31	25°25	21°39	S 19
M20	15 52 34	29°28'45	18°39	5°43	25°16	14°49	28°36	18° 5	23°29	29°26	2° 2	14°R57	13°28	25°31	21°42	M20
T 21	15 56 31	0∏26′28	0 M .44	7° 9	26°29	15°35	28°50	18° 9	23°33	29°27	2° 2	14°55	13°25	25°38	21°45	T 21
W22	16 0 27	1°24'10	13° 1	8°38	27°43	16°20	29° 4	18°12	23°36	29°28	2° 1	14°52	13°21	25°45	21°48	W22
T 23	16 4 24	2°21'50	25°33	10° 9	28°57	17° 6	29°18	18°16	23°40	29°30	2° 1	14°47	13°18	25°51	21°51	T 23
F 24	16 8 20	3°19'29	8 ∡ 21	11°42	0 I I11	17°51	29°32	18°20	23°43	29°31	2° 0	14°39	13°15	25°58	21°54	F 24
S 25	16 12 17	4°17'07	21°23	13°18	1°25	18°36	29°46	18°23	23°47	29°32	1°59	14°31	13°12	26° 5	21°57	S 25
S 26	16 16 13	5°14'44	4 궁 41	14°56	2°38	19°22	0 I I 0	18°26	23°50	29°33	1°59	14°23	13° 9	26°11	22° 0	S 26
M27	16 20 10	6°12'20	18°11	16°36	3°52	20° 7	0°15	18°30	23°53	29°35	1°58	14°15	13° 6	26°18	22° 2	M27
T 28	16 24 7	7° 9'55	1≈52	18°19	5° 6	20°52	0°29	18°33	23°57	29°36	1°58	14° 9	13° 2	26°25	22° 5	T 28
W29	16 28 3	8° 7'28	15°43	20° 4	6°20	21°37	0°43	18°36	24° 0	29°37	1°57	14° 4	12°59	26°31	22° 8	W29
T 30	16 32 0	9° 5'01	29°41	21°51	7°33	22°23	0°57	18°39	24° 4	29°38	1°56	14° 2	12°56	26°38	22°11	T 30
F 31	16 35 56	10耳 2'33	13) (46	23 8 41	8 Ⅱ 47	23 Y 8	1 I I1	18) (42	24 8 7	29 米 39	1≈55	14°D 2	12 Y 53	26 m 45	22 Y 13	F 31

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S 4	16 3	7 13 2 27	4 42 2 3			18 15 0 45	6 47 1 45			22 39 3 2		-	4 12	9 13 1 9
S 5 M 6 T 7	16 20 16 37 16 54	0 18 1 13 6n41 0n 7 13 19 1 26	4 59 2 50 5 10 2 53 5 24 3 0	5 13 9 1 6	0 29 1 16	18 18 0 45 18 22 0 45 18 25 0 45	6 46 1 46 6 44 1 46 6 42 1 46		1 30 1 14		6 4	5 36	4 5 4 2 3 59	9 14 1 9 9 15 1 9 9 16 1 9
W 8 T 9 F 10		23 50 3 41	5 56 3	7 14 23 1 1	1 24 1 15	18 28 0 45 18 32 0 45 18 35 0 45	6 41 1 46 6 39 1 46 6 37 1 47		1 28 1 14		6 1	5 32	3 55 3 52 3 48	9 17 1 9 9 19 1 9 9 20 1 9
S 11 S 12	17 57 18 12	28 23 4 58 28 6 5 11	6 35 3 11 6 57 3 12			18 39 0 45 18 42 0 44		18 15 0 16 18 16 0 16		22 40 3 3 22 41 3 4			3 45 3 42	9 21 1 9 9 22 1 9
M13 T 14	18 27 18 42	26 16 5 7	7 21 3 12 7 46 3 1	2 15 57 0 54	-	18 45 0 44	6 33 1 47		1 26 1 14	22 41 3 4	5 53	5 27	3 38 3 35	9 23 1 9 9 24 1 9
W15 T 16 F 17	18 56 19 10 19 24	19 8 4 17 14 23 3 35 9 10 2 44		8 17 4 0 48 6 17 25 0 46	3 13 1 14 3 31 1 14 3 49 1 14	18 55 0 44	6 30 1 48 6 28 1 48 6 27 1 48		1 24 1 15	22 41 3 4	5 52	5 24	3 31 3 28 3 24	9 26 1 9 9 27 1 9 9 28 1 9
S 18 S 19	19 37 19 50	3 40 1 47 1s59 0 45		3 17 46 0 44 9 18 6 0 42	4 7 1 14 4 25 1 14			18 22 0 16 18 23 0 16		22 42 3 5 22 42 3 5			3 21 3 18	9 29 1 8 9 30 1 8
M20 T 21		7 37 0s20 13 3 1 24	10 40 2 55 11 13 2 50	5 18 26 0 39 0 18 46 0 37	4 42 1 14 5 0 1 13	19 8 0 44 19 11 0 44	6 23 1 49 6 21 1 49	18 23 0 16 18 24 0 16	1 22 1 15 1 22 1 15	22 42 3 5 22 43 3 5	5 53 5 53	5 19 5 18	3 14 3 11	9 31 1 8 9 32 1 8
W22 T 23 F 24	20 26 20 38 20 49	22 24 3 21	11 46 2 43 12 20 2 39 12 55 2 33	9 19 23 0 33	5 36 1 13	19 14 0 44 19 17 0 44 19 21 0 43	6 19 1 49	18 25 0 16 18 26 0 16 18 27 0 16	1 21 1 15	22 43 3 5	5 49	5 15	3 7 3 4 3 1	9 33 1 8 9 34 1 8 9 35 1 8
S 25	21 0	27 51 4 42	13 31 2 20	6 19 59 0 28	6 11 1 12	19 24 0 43	6 17 1 50	18 28 0 16	1 20 1 15	22 44 3 6			2 57	9 36 1 8
M27	21 10 21 21 21 30	27 15 5 6	14 6 2 19 14 43 2 11 15 19 2 2	1 20 32 0 24	6 45 1 12	19 27 0 43 19 30 0 43 19 33 0 43	6 14 1 50	18 29 0 16 18 29 0 16 18 30 0 16	1 19 1 15	22 45 3 6	5 37	5 10	2 54 2 50 2 47	9 37 1 8 9 38 1 8 9 39 1 8
W29	21 40 21 49	20 17 4 21	15 56 1 54	4 21 3 0 19	7 20 1 11	19 36 0 43 19 39 0 43		18 31 0 16	1 18 1 15	22 45 3 6 22 45 3 7	5 33	5 8	2 43 2 40	9 40 1 8 9 41 1 8
F 31	21n57	8 s 4 6 2 s 3 5	17n 9 1s3:	5 21n32 0s15	7n54 1s11	19n42 0s43	6s11 1s51	18n33 0s16	1s17 1s15	22 s46 3 s 7	5n32	5n 5	2n37	9n42 1n 8

Julian Day Number = 2460431.5, Delta T = 69.07 sec Ecliptic obliquity = $23^{\circ}26'19$, Nutation = - $0^{\circ}00'05$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $25^{\circ}04'49$, Lahiri = $24^{\circ}11'49$

JUNE 2024 00:00 UT

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S 2	16 43 49	11°57'35	12 Y 11	27°26	11°15	24°38	1°39	18°48	24°14	29°41	1≈54	14°R 3	12°47	26°58	22°18	S 2
M 3	16 47 46	12°55'04	26°28	29°23	12°28	25°23	1°53	18°50	24°17	29°42	1°53	14° 2	12°43	27° 5	22°21	M 3
T 4	16 51 42	13°52'33	10845	1 II 21	13°42	26° 8	2° 7	18°53	24°20	29°43	1°52	14° 0	12°40	27°11	22°23	T 4
W 5	16 55 39	14°50'02	24°57	3°22	14°56	26°53	2°21	18°55	24°24	29°44	1°51	13°55	12°37	27°18	22°26	W 5
T 6	16 59 36	15°47'29	8 II 59	5°24	16°10	27°37	2°35	18°58	24°27	29°45	1°51	13°47	12°34	27°24	22°28	T 6
F 7	17 3 32	16°44'56	22°49	7°28 9°34	17°23	28°22 29° 7	2°49 3° 3	19° 0 19° 2	24°30	29°45 29°46	1°50	13°38	12°31	27°31	22°31	F 7
S 8	17 7 29	17°42'22	6920		18°37			_	24°34		1°49	13°27	12°27	27°38	22°33	S 8
S 9	17 11 25	18°39'46	19°32	11°42	19°51	29°51	3°17	19° 4	24°37	29°47	1°48	13°17	12°24	27°44	22°35	S 9
M10	17 15 22	19°37'10	2Ω24	13°51	21° 4	0836	3°30	19° 6	24°40	29°48	1°47	13° 7	12°21	27°51	22°37	M10
T 11	17 19 18	20°34'33	14°55	16° 1	22°18	1°21	3°44	19° 8	24°43	29°48	1°46	13° 0	12°18	27°58	22°40	T 11
W12	17 23 15	21°31'55	27° 9	18°12	23°32	2° 5	3°58	19°10	24°47	29°49	1°45	12°55	12°15	28° 4	22°42	W12
T 13 F 14	17 27 11 17 31 8	22°29'16 23°26'35	9 Mp 10 21°2	20°23 22°35	24°46 25°59	2°49 3°34	4°12 4°25	19°12 19°13	24°50 24°53	29°50 29°50	1°44 1°43	12°52 12°D52	12°12 12° 8	28°11 28°18	22°44 22°46	T 13 F 14
S 15	17 31 8	23 26 33 24°23'54	2 <u>0</u> 51	24°47	23°13	3 34 4°18	4°39	19 13 19°15	24°56	29°51	1°43	12 D32 12°52	12° 5	28°24	22°48	S 15
S 16	17 39 1	25°21'12	14°42	26°59	28°27	5° 2	4°53	19°16	24°59	29°52	1°41	12°R52	12° 2	28°31	22°50	S 16
M17	17 42 58	26°18'29	26°40	29°10	29°41	5°46	5° 6	19°18	25° 2	29°52	1°40	12°51	11°59	28°38	22°52	M17
T 18 W19	17 46 54 17 50 51	27°15'46 28°13'01	8ML50 21°16	1 95 21 3°31	0 © 54 2°8	6°30 7°14	5°20 5°34	19°19 19°20	25° 5 25° 8	29°53 29°53	1°39 1°37	12°48 12°43	11°56 11°53	28°44 28°51	22°54 22°56	T 18 W19
T 20	17 54 47	28 13 01 29°10'16	4 7 0	5°39	3°22	7°58	5°47	19°21	25°12	29°53	1°36	12°36	11°49	28°58	22°58	T 20
F 21	17 58 44	09 7'31	17° 5	7°46	4°35	8°42	6° 1	19°21	25°15	29°54	1°35	12°26	11°46	29° 4	23° 0	F 21
S 22	18 2 40	1° 4'45	0 ට 29	9°52	5°49	9°26	6°14	19°23	25°18	29°54	1°34	12°15	11°43	29°11	23° 1	S 22
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S 23	18 6 37	2° 1'58 2°59'12	14°11 28° 6	11°56 13°58	7° 3 8°17	10°10 10°54	6°27	19°23 19°24	25°20 25°23	29°54 29°55	1°33 1°32	12° 3	11°40 11°37	29°18 29°24	23° 3 23° 5	S 23
M24 T 25	18 10 34 18 14 30	3°56'25	28° 6 12 ≈ 12	15°59	9°30	10°34 11°37	6°41 6°54	19°24 19°25	25°26	29°55	1°32 1°30	11°52 11°43	11°37	29°24 29°31	23° 5 23° 6	M24 T 25
W26	18 14 30	4°53'37	26°22	13 39 17°57	10°44	11°37 12°21	7° 7	19°25	25°29	29°55	1°29	11°36	11°30	29°37	23° 8	W26
T 27	18 22 23	5°50'50	10 ¥ 35	19°53	11°58	13° 4	7°21	19°25	25°32	29°55	1°28	11°32	11°27	29°44	23° 9	T 27
F 28	18 26 20	6°48'03	24°46	21°48	13°11	13°48	7°34	19°26	25°35	29°56	1°27	11°31	11°24	29°51	23°11	F 28
S 29	18 30 16	7°45'15	8 Υ 55	23°40	14°25	14°31	7°47	19°26	25°38	29°56	1°25	11°31	11°21	29°57	23°12	S 29
S 30	18 34 13	8942'28	22 Y 59	25930	15939	15 8 14	8 I 0	19°R26	25 8 40	29 米 56	1≈24	11 Y 30	11 Y 18	0 요 4	23 Y 14	S 30

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S 1	22n 6	2 s 7	1 s25	17n46	1 s25	21n45	0s12	8n11	1 s 1 0	19n45	0 s43	6s10	1 s51	18n34	0s16	1 s 1 7	1 s15	22 s46	3 s 7	5n32	5n 4	2n33	9n43	1n 8
S 2	22 13	4n40	0 10	18 22	1 15	21 58	0 10	8 27	1 10	19 47	0 43	6 9	1 52	18 34	0 16	1 17	1 15	22 46	3 7	5 32	5 3	2 30	9 44	1 8
M 3	22 21	11 14	1n 6	18 58	1 5	22 10	0 7	8 44	1 10	19 50	0 43	6 8	1 52	18 35	0 16	1 16	1 15	22 47	3 7	5 32	5 2	2 26	9 45	1 8
T 4	22 28	17 14	2 18	19 33	0 54	22 22	0 5	9 1	1 9	19 53	0 43	6 7	1 52	18 36	0 16	1 16	1 15	22 47	3 7	5 31	5 0	2 23	9 46	1 8
W 5	22 35		3 20			22 33	0 3	9 17	1 9	-, -,	0 43	6 6	1 52			-	1 15	- 1	3 8	5 29	4 59	2 20	9 47	1 8
T 6				20 40		22 43	0 0	9 34	1 9	., .,	0 43	6 6	1 53			-	1 15	-	3 8	5 26	4 58	2 16	9 48	1 8
F 7	22 47			21 12		22 52	0n 2	9 50		20 1	0 43	6 5		18 39		-	1 16	-	3 8	5 23	4 57	2 13	9 49	1 8
S 8	22 52	28 18	5 1	21 42	0 11	23 1	0 4	10 6	1 8	20 4	0 43	6 4	1 53	18 39	0 16	1 15	1 16	22 49	3 8	5 19	4 55	2 9	9 49	1 8
S 9	22 57	26 59	5 2	22 11	0n 0	23 10	0 7	10 22	1 8	20 7	0 43	6 4	1 53	18 40	0 16	1 15	1 16	22 49	3 8	5 14	4 54	2 6	9 50	1 8
M10	-	24 16	4 47	22 38	0 11	23 17	0 9	10 38	1 7	20 10	0 43	6 3	1 54	18 41	0 16	1 14	1 16	22 49	3 8	5 11	4 53	2 2	9 51	1 8
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	_		2 49		0 41			11 25		20 17	0 42	6 2	1 54	-			1 16		3 9	5 5	4 49	1 52	9 54	1 8
	23 17			24 4	0 51			11 41		20 20	0 42	6 1	1 55	-		_		22 51	3 9	5 5	4 48	1 49	9 54	1 8
S 15	23 19	0s19	0 53	24 20	1 0	23 45	0 21	11 56	1 5	20 22	0 42	6 1	1 55	18 45	0 16	1 13	1 16	22 51	3 9	5 5	4 47	1 45	9 55	1 8
S 16	23 21	5 57	0s10	24 32	1 8	23 49	0 23	12 11	1 5	20 25	0 42	6 1	1 55	18 46	0 16	1 13	1 16	22 51	3 9	5 5	4 45	1 42	9 56	1 8
M17		-	-	24 42		23 52		12 26		20 27	0 42	6 0		18 46		_		-	3 9	5 5	4 44	1 38	9 57	1 8
				24 49	1 23			12 41		20 30	0 42	6 0	1 56			_		22 52	3 9	5 4	4 43	1 35	9 57	1 8
1	23 26		-	24 53	1 30					20 32	0 42	6 0	1 56			_		22 53	3 10	5 2	4 42	1 31	9 58	1 8
	-	-		24 54	1 35			13 11	1 3		0 42	6 0	1 56			1 13		22 53	3 10	4 59	4 40	1 28	9 59	1 8
F 21 S 22	23 26		-	24 53	1 40			13 25		20 37	0 42	6 0	1 56	-				22 53	3 10	4 55	4 39	1 25	9 59	1 8
	23 26	28 21	4 33	24 49	1 45	23 55	0 3/	13 39	1 2	20 39	0 42	6 0	1 3/	18 50	0 16	1 12	1 10	22 54	3 10	4 50	4 38	1 21	10 0	1 8
S 23	23 25		-	24 42		23 54		13 54	1 1	20 42	0 42	6 0		18 51	0 16			22 54	3 10	4 46	4 37	1 18		1 8
M24	23 24		-	24 33	1 51		-	14 8	1 1	20 44	0 42	6 0		18 51	0 16			22 55	3 10	4 41	4 35	1 14	-	1 8
	23 23			24 22		23 49		14 22		20 46	0 42	6 0		18 52				22 55	3 10	4 38	4 34	1 11	-	1 8
	23 21		3 34		1 55			14 36		20 49	0 42	6 0		18 53				22 55	3 11	4 35	4 33			1 8
T 27 F 28				23 52		23 41		14 49		20 51	0 42	6 0		18 53				22 56	3 11	4 34	4 32		10 3	1 8
	23 16 23 13	-	-	23 3423 15		23 36 23 30	0 49	15 3 15 16		20 53 20 55	0 42 0 42	$\begin{array}{ccc} 6 & 0 \\ 6 & 0 \end{array}$		18 54 18 55				22 56 22 57	3 11 3 11	4 33 4 33	4 31 4 29	1 1 0 57	10 3 10 4	1 8
		31119	0 14	23 13								0 0	1 36	10 33	0 10	1 12			2 11	4 33	4 29	0 3/	10 4	1 0
S 30	23n 9	9n52	1n 0	22n54	1n53	23n24	0n53	15n29	0 s 5 8	20n57	0 s42	6s 0	1 s59	18n55	0s16	1 s12	1 s17	22 s57	3 s 1 1	4n33	4n28	0n54	10n 4	1n 8

 $\label{eq:Julian Day Number = 2460462.5, Delta T = 69.06 sec} \\ Ecliptic obliquity = 23°26'19, Nutation = -0°00'04, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 25°04'53, Lahiri = 24°11'53}$

JULY 2024 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	4	ħ)∤(并	Р	R	Ω	Ç	ķ	Day
M 1	18 38 10	9939'41	6 8 59	279518	16953	15858	8П13	19°R26	25 8 43	29 ¥ 56	1°R23	11°R29	11 Y 14	0 <u>₽</u> 11	23Υ15	M 1
T 2	18 42 6	10°36'55	20°53	29° 4	18° 6	16°41	8°26	19 \(\frac{1}{2}\)	25°46	29°R56	1≈22	11Υ26	11°11	0°17	23°16	T 2
W 3	18 46 3	11°34'08	4 ∏ 40	0Ω48	19°20	17°24	8°39	19°25	25°49	29°56	1°20	11°19	11° 8	0°24	23°18	W 3
T 4	18 49 59	12°31'22	18°18	2°30	20°34	18° 7	8°52	19°25	25°51	29°56	1°19	11°10	11° 5	0°31	23°19	T 4
F 5	18 53 56	13°28'35	19545	4° 9	21°47	18°50	9° 5	19°24	25°54	29°56	1°18	10°59	11° 2	0°37	23°20	F 5
S 6	18 57 52	14°25'49	14°57	5°47	23° 1	19°33	9°17	19°24	25°56	29°56	1°16	10°46	10°59	0°44	23°21	S 6
S 7	19 149	15°23'03	27°54	7°22	24°15	20°16	9°30	19°23	25°59	29°56	1°15	10°34	10°55	0°51	23°22	S 7
M 8	19 5 45	16°20'17	10€35	8°55	25°29	20°58	9°43	19°22	26° 2	29°55	1°14	10°22	10°52	0°57	23°23	M 8
T 9	19 9 42	17°17'30	22°59	10°26	26°42	21°41	9°55	19°21	26° 4	29°55	1°12	10°13	10°49	1° 4	23°24	T 9
W10	19 13 39	18°14'44	5Mm, 9	11°55	27°56	22°23	10° 8	19°21	26° 6	29°55	1°11	10° 6	10°46	1°11	23°25	W10
T 11	19 17 35	19°11'57	17° 7	13°22	29°10	23° 6	10°20	19°19	26° 9	29°55	1° 9	10° 2	10°43	1°17	23°26	T 11
F 12	19 21 32	20° 9'11	28°58	14°46	0 Ω 24	23°48	10°33	19°18	26°11	29°54	1° 8	10° 0	10°39	1°24	23°26	F 12
S 13	19 25 28	21° 6'24	10 ≏ 46	16° 8	1°37	24°30	10°45	19°17	26°14	29°54	1° 7	10°D 0	10°36	1°30	23°27	S 13
S 14	19 29 25	22° 3'38	22°36	17°28	2°51	25°13	10°57	19°16	26°16	29°54	1° 5	10°R 0	10°33	1°37	23°28	S 14
M15	19 33 21	23° 0'51	4 M .34	18°45	4° 5	25°55	11° 9	19°14	26°18	29°53	1° 4	10° 0	10°30	1°44	23°29	M15
T 16	19 37 18	23°58'05	16°46	20° 0	5°19	26°37	11°21	19°13	26°20	29°53	1° 2	9°58	10°27	1°50	23°29	T 16
W17	19 41 14	24°55'19	29°15	21°13	6°32	27°19	11°33	19°11	26°23	29°52	1° 1	9°53	10°24	1°57	23°30	W17
T 18	19 45 11	25°52'33	12 ₹ 6	22°23	7°46	28° 1	11°45	19° 9	26°25	29°52	1° 0	9°47	10°20	2° 4	23°30	T 18
F 19	19 49 8	26°49'47	2 <u>5</u> °22	23°31	9° 0	28°42	11°57	19° 8	26°27	29°51	0°58	9°38	10°17	2°10	23°31	F 19
S 20	19 53 4	27°47'02	9 ਰ 1	24°36	10°13	29°24	12° 9	19° 6	26°29	29°51	0°57	9°28	10°14	2°17	23°31	S 20
S 21	19 57 1	28°44'17	23° 3	25°38	11°27	0耳 6	12°21	19° 4	26°31	29°50	0°55	9°17	10°11	2°24	23°31	S 21
M22	20 0 57	29°41'32	7≈21	26°37	12°41	0°47	12°32	19° 2	26°33	29°50	0°54	9° 7	10° 8	2°30	23°32	M22
T 23	20 4 54	0 Ω 38'48	21°52	27°33	13°55	1°29	12°44	18°59	26°35	29°49	0°53	8°58	10° 5	2°37	23°32	T 23
W24	20 8 50	1°36'04	6 ∺ 27	28°26	15° 8	2°10	12°55	18°57	26°37	29°48	0°51	8°52	10° 1	2°44	23°32	W24
T 25	20 12 47	2°33'22	21° 1	29°16	16°22	2°51	13° 7	18°55	26°39	29°48	0°50	8°49	9°58	2°50	23°32	T 25
F 26	20 16 43	3°30'40	5 Υ 29	0 m 2	17°36	3°32	13°18	18°52	26°40	29°47	0°48	8°D48	9°55	2°57	23°32	F 26
S 27	20 20 40	4°27'59	19°46	0°45	18°49	4°13	13°29	18°50	26°42	29°46	0°47	8°48	9°52	3° 4	23°R32	S 27
S 28	20 24 37	5°25'19	3 8 52	1°25	20° 3	4°54	13°40	18°47	26°44	29°46	0°45	8°R48	9°49	3°10	23°32	S 28
M29	20 28 33	6°22'40	1 <u>7</u> °45	2° 0	21°17	5°35	13°51	18°44	26°46	29°45	0°44	8°48	9°45	3°17	23°32	M29
T 30	20 32 30	7°20'02	1 <u>П</u> 26	2°32	22°30	6°16	14° 2	18°42	26°47	29°44	0°43	8°46	9°42	3°23	23°32	T 30
W31	20 36 26	8 Ω 17'26	14∏55	2 m 59	23 Ω 44	6 I I57	14∏13	18 米 39	26 8 49	29 米 43	0≈41	8 Υ 41	9 Υ 39	3 ₾ 30	23 Y 32	W31

Day	0	D	ğ	Q	' '	3	4		ħ)ţ	(¥	Р	n	Ω	ţ	ę,
	decl	decl lat	decl l	lat decl	lat decl	lat	decl la	at	decl	lat	decl	lat	decl lat	decl lat	decl	decl	decl	decl lat
M 1 T 2	23n 5 23 1	15n54 2n10 21 4 3 12	22n31 2 22 7	1n51 23n17 1 48 23 9	0n55 15n42 0 57 15 55	0s57 0 56		0 s42 0 42	6s 1		18n56 18 57	0s16 0 16	1s12 1s17 1 12 1 17	22 s57 3 s11 22 58 3 11	4n33 4 31	4n27 4 26	0n50 0 47	10n 5 1n 8 10 5 1 8
W 3 T 4	22 56 22 51	25 2 4 2 27 31 4 33		1 45 23 1 1 41 22 52	0 59 16 8 1 1 16 20	0 56 0 55		0 42 0 42	6 1 6 2	1 59 2 0		0 16 0 16	1 12 1 17 1 12 1 17		4 29 4 25	4 24 4 23	0 43 0 40	
F 5 S 6	22 45 22 39		5 20 47 9 20 18	1 36 22 42 1 31 22 32	1 2 16 33 1 4 16 45	0 55 0 54		0 42 0 42	6 2 6 2	$\begin{array}{cc} 2 & 0 \\ 2 & 0 \end{array}$	18 59 18 59	0 16 0 16	1 12 1 17 1 12 1 17		4 21 4 16	4 22 4 21	0 36 0 33	
S 7 M 8 T 9	22 26	21 45 4 20	7 19 48 0 19 18 2 18 47	1 26 22 21 1 19 22 9 1 13 21 56	1 6 16 57 1 7 17 9 1 9 17 21	0 53	21 13	0 42 0 42 0 42	6 3 6 3 6 4	2 0 2 1 2 1	19 0 19 0 19 1	0 16 0 16 0 16	1 12 1 17 1 13 1 17 1 13 1 17	23 0 3 12	4 11 4 6 4 3	4 19 4 18 4 17	0 30 0 26 0 23	10 8 1 8
W10 T 11 F 12 S 13	22 12 22 4 21 56 21 47	6 54 1 58 1 18 0 58		1 6 21 43 0 58 21 30 0 50 21 16 0 41 21 1	1 10 17 32 1 12 17 44 1 13 17 55 1 15 18 6	0 51 0 50	21 19 21 21	0 42 0 42 0 42 0 42	6 5 6 5 6 6 6 7	2 1 2 1 2 2 2 2		0 16 0 16 0 16 0 16	1 13 1 17 1 13 1 17 1 13 1 17 1 13 1 17	23 2 3 12 23 2 3 12	4 0 3 59 3 58 3 58	4 16 4 14 4 13 4 12	0 19 0 16 0 12 0 9	10 9 1 8 10 9 1 8
S 14 M15 T 16 W17 T 18 F 19 S 20	21 38 21 29 21 19 21 9	9 49 1 6 15 2 2 5 19 45 3 2 23 44 3 50 26 40 4 28 28 14 4 53	5 16 7 7 15 34 2 15 1 0 14 28	0 32 20 45 0 23 20 29 0 13 20 12 0 3 19 55 0s 8 19 38 0 18 19 19 0 30 19 0	1 16 18 17 1 17 18 27 1 18 18 38 1 20 18 48 1 21 18 58 1 22 19 8 1 23 19 18	0 49 0 48 0 47 0 47 0 46	21 24 21 26 21 27 21 29 21 31 21 32	0 42 0 42 0 42 0 42 0 42 0 41 0 41	6 7 6 8 6 9 6 10 6 11 6 12 6 13	2 2 2 2 2 3 2 3 2 3 2 3	19 4 19 4 19 5 19 5 19 6 19 6	0 16 0 16 0 16 0 16 0 16 0 16 0 16	1 13 1 17 1 14 1 17 1 14 1 18 1 14 1 18 1 15 1 18	23 3 3 13 23 3 3 13 23 4 3 13 23 4 3 13 23 4 3 13 23 5 3 13	3 58 3 57 3 57 3 55 3 52 3 49	4 11 4 9 4 8 4 7 4 6 4 4 4 3	0 5 0 2 0s 1 0 5 0 8 0 12	10 10 1 8
S 21 M22 T 23 W24 T 25 F 26 S 27	20 25 20 13 20 1	26 18 4 54 22 44 4 27 17 43 3 42 11 40 2 43 4 59 1 33 1n54 0 18	4 12 20 7 11 49 2 11 19 3 10 49 3 10 20 3 9 52	0 41 18 41 0 53 18 21 1 5 18 1 1 17 17 40 1 29 17 18 1 42 16 56 1 54 16 34	1 23 19 27 1 24 19 37 1 25 19 46 1 26 19 55 1 26 20 4 1 27 20 12 1 28 20 21	0 44 0 43 0 42 0 42 0 41 0 40	21 35 21 37 21 38 21 40 21 41 21 43	0 41 0 41 0 41 0 41 0 41 0 41 0 41	6 14 6 15 6 16 6 17 6 18 6 19 6 20	2 4 2 4 2 4 2 5 2 5 2 5 2 5	19 7 19 8 19 8 19 9 19 9	0 16 0 16 0 16 0 16 0 16 0 16 0 16	1 15 1 18 1 15 1 18 1 16 1 18 1 16 1 18 1 16 1 18 1 17 1 18 1 17 1 18	23 6 3 13 23 6 3 13 23 6 3 13 23 7 3 14 23 7 3 14 23 8 3 14	3 41 3 37 3 33 3 31 3 30 3 29 3 29	4 2 4 1 3 59 3 58 3 57 3 56 3 54	0 19 0 22 0 26 0 29 0 32 0 36	10 11 1 7 10 11 1 7
S 28 M29 T 30 W31	18 41 18 26	14 50 2 10 20 12 3 12 24 25 4 3 27n12 4n39	8 35 8 12	2 7 16 11 2 20 15 48 2 32 15 25 2 s 4 5 15 n 1	1 28 20 29 1 28 20 37 1 29 20 45 1n29 20n53	0 38 0 37	21 47 21 48	0 41 0 41 0 41 0 s41	6 22 6 23 6 24 6s25	2 6 2 6	-	0 16 0 16 0 16 0 s16	1 17 1 18 1 18 1 18 1 18 1 18 1 18 1 18	23 9 3 14	3 29 3 28	3 53 3 52 3 51 3n49	0 46 0 50	10 11 1 7 10 11 1 7 10 11 1 7 10 11 1 7

Julian Day Number = 2460492.5, Delta T = 69.05 sec Ecliptic obliquity = $23^{\circ}26'18$, Nutation = - $0^{\circ}00'03$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $25^{\circ}04'57$, Lahiri = $24^{\circ}11'57$

AUGUST 2024 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ)∤(¥	Р	n	v	Ç	Ŷ,	Day
T 1	20 40 23	9Ω14'50	28 I I11	3 Mp 22	24€58	7 Ⅲ 37	14∏24	18°R36	26 8 51	29°R42	0°R40	8°R34	9 Υ 36	3 ≏ 37	23°R31	T 1
F 2	20 44 19	10°12'16	119915	3°40	26°12	8°18	14°35	18) 33	26°52	29) (41	0≈38	8 Y 25	9°33	3°43	23 Y 31	F 2
S 3	20 48 16	11° 9'42	24° 6	3°54	27°25	8°58	14°45	18°30	26°54	29°40	0°37	8°15	9°30	3°50	23°31	S 3
S 4	20 52 13	12° 7'10	6Ω44	4° 3	28°39	9°39	14°56	18°27	26°55	29°39	0°36	8° 5	9°26	3°57	23°30	S 4
M 5	20 56 9	13° 4'38	19° 9	4°R 6	29°53	10°19	15° 6	18°23	26°56	29°38	0°34	7°56	9°23	4° 3	23°30	M 5
T 6	21 0 6	14° 2'08	1 m/23	4° 5	1 m) 6	10°59	15°16	18°20	26°58	29°37	0°33	7°48	9°20	4°10	23°29	T 6
W 7	21 4 2	14°59'38	13°25	3°58	2°20	11°39	15°27	18°17	26°59	29°36	0°32	7°43	9°17	4°17	23°29	W 7
T 8	21 7 59	15°57'09	25°19	3°46	3°34	12°19	15°37	18°13	27° 0	29°35	0°30	7°40	9°14	4°23	23°28	T 8
F 9	21 11 55	16°54'41	7 <u>₽</u> 7	3°28	4°47	12°58	15°47	18°10	27° 1	29°34	0°29	7°D39	9°11	4°30	23°27	F 9
S 10	21 15 52	17°52'13	18°53	3° 5	6° 1	13°38	15°56	18° 6	27° 3	29°33	0°27	7°40	9° 7	4°37	23°27	S 10
S 11	21 19 48	18°49'47	0 M .43	2°37	7°15	14°18	16° 6	18° 2	27° 4	29°32	0°26	7°41	9° 4	4°43	23°26	S 11
M12	21 23 45	19°47'22	12°40	2° 5	8°28	14°57	16°16	17°59	27° 5	29°31	0°25	7°42	9° 1	4°50	23°25	M12
T 13	21 27 41	20°44'57	24°50	1°27	9°42	15°36	16°25	17°55	27° 6	29°30	0°23	7°R42	8°58	4°57	23°24	T 13
W14	21 31 38	21°42'34	7 √ 19	0°46	10°56	16°15	16°35	17°51	27° 7	29°28	0°22	7°41	8°55	5° 3	23°23	W14
T 15	21 35 35	22°40'11	20°10	0° 1	12° 9	16°55	16°44	17°47	27° 8	29°27	0°21	7°38	8°51	5°10	23°22	T 15
F 16	21 39 31	23°37'50	3 궁 27	29 Ω 13	13°23	17°33	16°53	17°43	27° 8	29°26	0°20	7°33	8°48	5°16	23°21	F 16
S 17	21 43 28	24°35'30	17°11	28°23	14°37	18°12	17° 2	17°39	27° 9	29°25	0°18	7°27	8°45	5°23	23°20	S 17
S 18	21 47 24	25°33'10	1≈21	27°31	15°50	18°51	17°11	17°35	27°10	29°23	0°17	7°20	8°42	5°30	23°19	S 18
M19	21 51 21	26°30'52	15°54	26°40	17° 4	19°30	17°20	17°31	27°11	29°22	0°16	7°14	8°39	5°36	23°18	M19
T 20	21 55 17	27°28'35	0) €43	25°49	18°17	20° 8	17°28	17°27	27°11	29°21	0°15	7° 9	8°36	5°43	23°17	T 20
W21	21 59 14	28°26'19	15°40	25° 0	19°31	20°47	17°37	17°23	27°12	29°19	0°13	7° 6	8°32	5°50	23°15	W21
T 22	22 3 10	29°24'05	0 Υ 36	24°14	20°44	21°25	17°45	17°19	27°13	29°18	0°12	7°D 4	8°29	5°56	23°14	T 22
F 23	22 7 7	0 Mp 21'52	15°25	23°32	21°58	22° 3	17°53	17°14	27°13	29°16	0°11	7° 4	8°26	6° 3	23°13	F 23
S 24	22 11 4	1°19'41	29°59	22°54	23°11	22°41	18° 2	17°10	27°13	29°15	0°10	7° 5	8°23	6°10	23°11	S 24
S 25	22 15 0	2°17'32	14817	22°23	24°25	23°19	18° 9	17° 6	27°14	29°14	0° 9	7° 7	8°20	6°16	23°10	S 25
M26	22 18 57	3°15'25	28°14	21°57	25°39	23°56	18°17	17° 1	27°14	29°12	0°8	7°R 8	8°16	6°23	23° 8	M26
T 27	22 22 53	4°13'20	11 Ⅱ 52	21°39	26°52	24°34	18°25	16°57	27°15	29°11	0° 6	7° 8	8°13	6°30	23° 7	T 27
W28	22 26 50	5°11'16	25°12	21°28	28° 6	25°12	18°33	16°53	27°15	29° 9	0° 5	7° 6	8°10	6°36	23° 5	W28
T 29	22 30 46	6° 9'14	89514	21°D25	29°19	25°49	18°40	16°48	27°15	29° 8	0° 4	7° 3	8° 7	6°43	23° 4	T 29
F 30	22 34 43	7° 7'14	21° 0	21°30	0 ჲ 33	26°26	18°47	16°44	27°15	29° 6	0° 3	6°59	8° 4	6°49	23° 2	F 30
S 31	22 38 40	8Mp 5'16	3 Ω 33	21 Q 43	1 ≏ 46	27 II 3	18 Ⅱ 54	16 ∺ 39	27 8 15	29 米 5	0≈ 2	6 Ƴ 54	8 ℃ 1	6 ₽ 56	23 Y 0	S 31

Day	0	D	ğ	·	♂	4	ħ)મું(卉	Р	v v	ţ	ķ
	decl	decl lat	decl lat	decl lat de	el lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl dec	el decl	decl lat
T 1 F 2 S 3	17n56 17 41 17 26	28 1 5 4	7n31 2s58 7 12 3 10 6 56 3 22		7 0 34 2	21 52 0 41	6 28 2 6	19n12 0s16 19 12 0 16 19 12 0 16	1 19 1 18	23 s10 3 s14 23 10 3 14 23 11 3 14	3n24 3n4 3 20 3 4 3 16 3 4	7 1 0	10n11 1n 7 10 11 1 7 10 10 1 7
S 4 M 5 T 6 W 7 T 8 F 9	17 10 16 53 16 37 16 20 16 3 15 46	18 43 3 50 13 49 3 2 8 28 2 7 2 53 1 6	6 30 3 45 6 21 3 56 6 14 4 6 6 9 4 16	12 54 1 29 21 12 28 1 29 21 12 2 1 29 21 11 35 1 29 21	28 0 32 2 35 0 31 2 41 0 30 2 47 0 29 2	21 55 0 42 21 56 0 42 21 57 0 42 21 58 0 42	6 35 2 7 6 37 2 8	19 13 0 16 19 13 0 16 19 14 0 16	1 20 1 18 1 21 1 18 1 21 1 18 1 21 1 18 1 22 1 18 1 22 1 19	23 11 3 14 23 12 3 15 23 12 3 15 23 13 3 15	3 6 3 4 3 4 3 4	3 1 10 2 1 14 1 1 17 9 1 21	10 10 1 7 10 10 1 7 10 10 1 7 10 10 1 7 10 9 1 7 10 9 1 7
S 10 S 11 M12 T 13 W14 T 15 F 16 S 17	14 53	13 37 2 1 18 28 2 58 22 39 3 47 25 55 4 27 27 59 4 55 28 32 5 9	6 13 4 38 6 20 4 43 6 29 4 47 6 42 4 48 6 58 4 49 7 16 4 47	10 12 1 27 22 9 44 1 27 22 9 16 1 26 22 8 47 1 26 22 8 18 1 25 22 7 49 1 24 22	4 0 27 22 0 0 26 22 5 0 25 22 0 0 24 22 25 0 23 22 60 0 22 22	22 1 0 42 22 2 0 42 22 3 0 42 22 4 0 42 22 5 0 42 22 6 0 42		19 15 0 16 19 15 0 16 19 16 0 16 19 16 0 16	1 23 1 19 1 24 1 19 1 24 1 19 1 25 1 19 1 25 1 19 1 26 1 19	23 14 3 15 23 15 3 15 23 15 3 15		6 1 31 4 1 34 3 1 38 2 1 41 1 1 45 9 1 48	10 8 1 7 10 8 1 7 10 8 1 7 10 7 1 7 10 7 1 7 10 7 1 7
S 18 M19 T 20 W21 T 22 F 23 S 24	13 0 12 41 12 21 12 1 11 41 11 21 11 0	19 55 4 2 14 6 3 5 7 24 1 54 0 18 0 35 6n46 0n45	8 23 4 31 8 48 4 22 9 14 4 11 9 41 3 59	6 21 1 21 22 5 51 1 20 22 5 22 1 19 22 4 51 1 18 22 4 21 1 16 22	12 0 19 22 16 0 18 22 16 0 17 22 14 0 16 22	22 9 0 42 22 9 0 42 22 10 0 42 22 11 0 42 22 12 0 42	6 59 2 10 7 0 2 10 7 2 2 10	19 16 0 16 19 16 0 16 19 17 0 16 19 17 0 16	1 27 1 19 1 28 1 19 1 28 1 19 1 29 1 19 1 29 1 19 1 30 1 19 1 30 1 19	23 17 3 15 23 17 3 15 23 17 3 15 23 17 3 15	2 55 3 2 2 52 3 2 2 50 3 2 2 49 3 2 2 48 3 2 2 49 3 1	6 1 59 4 2 2 3 2 5 2 2 9 1 2 12	10 5 1 7 10 5 1 7 10 4 1 7 10 4 1 7 10 3 1 7
S 25 M26 T 27 W28 T 29 F 30 S 31	9 37 9 15 8 54	23 44 4 4 26 53 4 43 28 27 5 6 28 23 5 13 26 48 5 3	11 0 3 13 11 25 2 56 11 48 2 38 12 9 2 20 12 27 2 1 12 43 1 43 12n56 1 s24	2 50 1 12 23 2 19 1 10 23 1 49 1 9 23 1 18 1 7 23 0 47 1 5 23	3 0 9 22 6 0 8 22	22 14 0 42 22 14 0 42 22 15 0 42 22 16 0 42 22 16 0 42	7 8 2 10 7 9 2 10 7 11 2 11 7 13 2 11 7 15 2 11	19 17 0 16 19 17 0 16 19 17 0 16	1 32 1 19 1 32 1 19 1 33 1 19 1 33 1 19 1 34 1 19	23 19 3 16	2 49 3 1 2 50 3 1 2 50 3 1 2 49 3 1 2 48 3 1 2 46 3 1 2n44 3n1	7 2 23 6 2 26 4 2 30 3 2 33 2 2 36	10 2 1 7 10 1 1 7 10 1 1 7 10 0 1 7 9 59 1 7

Julian Day Number = 2460523.5, Delta T = 69.04 sec Ecliptic obliquity = 23°26'19, Nutation = -0°00'02, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 25°05'01, Lahiri = 24°12'02

SEPTEMBER 2024 00:00 UT

Day	Sid.t	0	D	Ϋ́	φ	♂	4	ħ)∤(¥	Р	'n	Ω	Ç	ę,	Day
S 1	22 42 36	9 mg 3'20	15 Ω 54	22 N 5	2 Ω 59	27 Ⅱ 40	19 I 1	16°R35	27 8 15	29°R 3	0°R 1	6°R50	7 Ƴ 57	7 º 3	22°R58	S 1
M 2	22 46 33	10° 1'25	28° 5	22°35	4°13	28°17	19° 8	16 ∺ 30	27°R15	29 米 2	29 궁 59	6 Ƴ 45	7°54	7° 9	22 Y 57	M 2
T 3	22 50 29	10°59'32	10 m) 7	23°13	5°26	28°54	19°15	16°25	27°15	29° 0	29°59	6°42	7°51	7°16	22°55	T 3
W 4	22 54 26	11°57'40	22° 1	23°59	6°40	29°30	19°21	16°21	27°15	28°59	29°58	6°40	7°48	7°23	22°53	W 4
T 5	22 58 22	12°55'50	3 ₾ 50	24°53	7°53	0ණ 6	19°28	16°16	27°15	28°57	29°57	6°D39	7°45	7°29	22°51	T 5
F 6	23 2 19	13°54'02	15°37	25°54	9° 7	0°43	19°34	16°12	27°15	28°55	29°56	6°39	7°42	7°36	22°49	F 6
S 7	23 6 15	14°52'16	27°23	27° 2	10°20	1°19	19°40	16° 7	27°15	28°54	29°55	6°40	7°38	7°43	22°47	S 7
S 8	23 10 12	15°50'31	9 M .14	28°16	11°33	1°54	19°46	16° 3	27°14	28°52	29°54	6°42	7°35	7°49	22°45	S 8
M 9	23 14 8	16°48'47	21°12	29°36	12°47	2°30	19°52	15°58	27°14	28°51	29°53	6°43	7°32	7°56	22°43	M 9
T 10	23 18 5	17°47'06	3 ₹ 21	1 Mp 2	14° 0	3° 6	19°57	15°53	27°14	28°49	29°53	6°45	7°29	8° 3	22°41	T 10
W11	23 22 2	18°45'25	15°48	2°32	15°13	3°41	20° 3	15°49	27°13	28°47	29°52	6°R45	7°26	8° 9	22°39	W11
T 12	23 25 58	19°43'47	28°35	4° 7	16°27	4°16	20° 8	15°44	27°13	28°46	29°51	6°45	7°22	8°16	22°37	T 12
F 13	23 29 55	20°42'10	11 る 46	5°45	17°40	4°51	20°13	15°40	27°12	28°44	29°50	6°44	7°19	8°22	22°34	F 13
S 14	23 33 51	21°40'34	25°25	7°27	18°53	5°26	20°18	15°35	27°12	28°43	29°49	6°43	7°16	8°29	22°32	S 14
S 15	23 37 48	22°39'00	9≈31	9°11	20° 7	6° 1	20°23	15°30	27°11	28°41	29°49	6°41	7°13	8°36	22°30	S 15
M16	23 41 44	23°37'28	24° 3	10°57	21°20	6°35	20°27	15°26	27°10	28°39	29°48	6°39	7°10	8°42	22°28	M16
T 17	23 45 41	24°35'57	8) €56	12°45	22°33	7°10	20°32	15°21	27° 9	28°38	29°47	6°38	7° 7	8°49	22°25	T 17
W18	23 49 37	25°34'28	24° 3	14°35	23°46	7°44	20°36	15°17	27° 9	28°36	29°47	6°37	7° 3	8°56	22°23	W18
T 19	23 53 34	26°33'01	9 Υ 15	16°25	25° 0	8°18	20°40	15°12	27° 8	28°34	29°46	6°D37	7° 0	9° 2	22°20	T 19
F 20	23 57 31	27°31'36	24°21	18°16	26°13	8°52	20°44	15° 8	27° 7	28°33	29°45	6°37	6°57	9° 9	22°18	F 20
S 21	0 1 27	28°30'13	9 8 15	20° 7	27°26	9°26	20°47	15° 4	27° 6	28°31	29°45	6°38	6°54	9°16	22°16	S 21
S 22	0 5 24	29°28'53	23°49	21°59	28°39	9°59	20°51	14°59	27° 5	28°29	29°44	6°38	6°51	9°22	22°13	S 22
M23	0 9 20	0 ჲ 27'34	7 Ⅱ 58	23°50	29°52	10°32	20°54	14°55	27° 4	28°28	29°44	6°39	6°48	9°29	22°11	M23
T 24	0 13 17	1°26'18	21°43	25°42	1 M 5	11° 5	20°57	14°51	27° 3	28°26	29°43	6°39	6°44	9°36	22° 8	T 24
W25	0 17 13	2°25'04	5 95 3	27°32	2°18	11°38	21° 0	14°46	27° 2	28°24	29°43	6°R39	6°41	9°42	22° 6	W25
T 26	0 21 10	3°23'53	18° 0	29°23	3°31	12°11	21° 3	14°42	27° 1	28°23	29°42	6°39	6°38	9°49	22° 3	T 26
F 27	0 25 6	4°22'44	0 റ 38	1 ≏ 12	4°44	12°43	21° 5	14°38	27° 0	28°21	29°42	6°39	6°35	9°56	22° 0	F 27
S 28	0 29 3	5°21'37	13° 0	3° 1	5°57	13°16	21° 8	14°34	26°58	28°19	29°41	6°39	6°32	10° 2	21°58	S 28
S 29	0 33 0	6°20'32	25° 8	4°50	7°10	13°48	21°10	14°30	26°57	28°18	29°41	6°D39	6°28	10° 9	21°55	S 29
M30	0 36 56	7 ≏ 19'29	7 m 8	6 ≏ 37	8 M 23	149519	21 II 12	14) (26	26 8 56	28 米 16	29 궁 41	6 Ƴ 39	6 Y 25	10 ≏ 15	21 Y 53	M30

Day	0	D	ğ	φ	ď	4	ħ)Å(卉	Р	ß	v	Ç	ķ
	decl	decl lat	decl lat	decl lat	ecl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl	decl	decl	decl lat
S 1 M 2	8n10 7 49		13n 7 1s 6 13 14 0 48			6 22n17 0s42 5 22 18 0 42				23 s20 3 s16 23 20 3 16	2n43 2 41	3n 9	2 s43 2 47	9n58 1n 7 9 57 1 7
T 3	7 27	9 57 2 21	13 17 0 48	1 17 0 58 23		3 22 18 0 42					2 40	3 7	2 50	9 56 1 7
W 4	7 5	4 23 1 20	13 18 0 15	1 48 0 56 23	24 0	2 22 19 0 42	7 24 2 11	19 17 0 16	1 37 1 19	23 21 3 16	2 39	3 6	2 54	9 56 1 7
T 5	6 42	1s17 0 15	13 14 On 1	2 19 0 54 23	25 0	1 22 19 0 42	7 26 2 11	19 17 0 16	1 38 1 19	23 21 3 16	2 38	3 4	2 57	9 55 1 7
F 6	6 20	6 54 0s49	13 8 0 15	2 49 0 51 23	26 0	0 22 20 0 42	7 28 2 11	19 17 0 16	1 38 1 19	23 21 3 16	2 38	3 3	3 0	9 54 1 7
S 7	5 58	12 17 1 52	12 57 0 29	3 20 0 49 23	27 On	1 22 20 0 42	7 30 2 11	19 17 0 16	1 39 1 19	23 21 3 16	2 39	3 2	3 4	9 53 1 7
S 8	5 35	17 16 2 50	12 43 0 41	3 51 0 47 23	28 0	2 22 21 0 42	7 31 2 11	19 17 0 16	1 40 1 19	23 22 3 16	2 40	3 1	3 7	9 53 1 7
M 9	5 12	21 37 3 42	12 26 0 53	4 22 0 45 23		3 22 21 0 42			1 40 1 19	23 22 3 16	2 40	2 59	3 11	9 52 1 7
T 10			12 6 1 3			5 22 21 0 42			1 41 1 19	23 22 3 16		2 58	3 14	9 51 1 6
W11	4 27		11 42 1 13			6 22 22 0 42					2 41	2 57	3 18	9 50 1 6
T 12			11 15 1 21			7 22 22 0 42				-	2 41	2 56	3 21	9 49 1 6
F 13	3 41		10 46 1 28			8 22 22 0 42			-	-		2 54	3 25	9 49 1 6
S 14	3 18	25 58 5 0	10 14 1 34	6 54 0 32 23	29 0	9 22 23 0 42	7 42 2 12	19 16 0 16	1 44 1 19	23 23 3 16	2 40	2 53	3 28	9 48 1 6
S 15	2 55	22 9 4 26	9 39 1 39			1 22 23 0 42	7 44 2 12	19 16 0 16	1 44 1 20	23 23 3 16		2 52	3 31	9 47 1 6
M16	2 32		9 3 1 43			2 22 23 0 42			-			2 51	3 35	9 46 1 6
T 17	2 9	10 30 2 28	8 24 1 46	8 24 0 25 23		3 22 24 0 42			-			2 49	3 38	9 45 1 6
W18	1 46	3 25 1 9	7 44 1 48			4 22 24 0 42						2 48	3 42	9 44 1 6
T 19	1 22	3n53 0n15	7 3 1 50	9 23 0 19 23		6 22 24 0 43						2 47	3 45	9 43 1 6
F 20 S 21			6 20 1 50			7 22 24 0 43			-			2 46	3 49	9 42 1 6
	0 36	17 17 2 52	5 36 1 50			8 22 25 0 43						2 44	3 52	9 41 1 6
S 22	-	22 29 3 53				9 22 25 0 43		19 15 0 16		-		2 43	3 55	9 40 1 6
M23	0s11					1 22 25 0 43						2 42	3 59	9 39 1 6
T 24	0 34		3 19 1 45			2 22 25 0 43			1 50 1 20	-		2 41	4 2	9 38 1 6
W25	0 58		2 33 1 43			3 22 25 0 43	_		-	-		2 39	4 6	9 37 1 6
T 26 F 27	1 21		1 46 1 39			5 22 26 0 43			-	-		2 38	4 9	9 36 1 6
S 28	1 44 2 8	24 44 4 50 21 0 4 16				6 22 26 0 43 8 22 26 0 43				-		2 37 2 35	4 12 4 16	9 35 1 6 9 34 1 6
													4 10	
S 29	-	16 27 3 31				9 22 26 0 43		19 13 0 16	-	-		2 34	4 19	9 33 1 6
M30	2 s54	11n19 2n37	1 s22 1n22	14s30 0s13 23	n10 0n3	0 22n26 0 s43	8s 9 2s12	19n13 0s16	1 s54 1 s20	23 s25 3 s16	2n38	2n33	4 s23	9n32 1n 6

Julian Day Number = 2460554.5, Delta T = 69.03 sec Ecliptic obliquity = 23°26'19, Nutation = -0°00'01, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 25°05'06, Lahiri = 24°12'06

OCTOBER 2024 00:00 UT

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Day	Sid.t	0	D	ğ	₽	♂	4	ħ)મ(并	В	r	Ω	Ç	ę,	Day
T 1	0 40 53	8 ≏ 18'28	19 m) 1	8 ₾ 24	9 M .36	14951	21 I I13	14°R22	26°R54	28°R14	29°R40	6 Ƴ 39	6 Υ 22	10 ≏ 22	21°R50	T 1
W 2	0 44 49	9°17'30	0 ჲ 49	10°10	10°49	15°22	21°15	14) 18	26 8 53	28 米 13	29 궁 40	6°R39	6°19	10°29	21 Y 47	W 2
T 3	0 48 46	10°16'33	12°36	11°55	12° 2	15°53	21°16	14°14	26°51	28°11	29°40	6°39	6°16	10°35	21°45	T 3
F 4	0 52 42	11°15'39	24°24	13°39	13°15	16°24	21°17	14°10	26°50	28°10	29°39	6°39	6°13	10°42	21°42	F 4
S 5	0 56 39	12°14'46	6ML14	15°23	14°28	16°55	21°18	14° 6	26°48	28° 8	29°39	6°38	6° 9	10°49	21°39	S 5
S 6	1 0 35	13°13'56	18°10	17° 6	15°41	17°25	21°19	14° 2	26°47	28° 6	29°39	6°37	6° 6	10°55	21°37	S 6
M 7	1 4 32	14°13'07	0 ∡ 13	18°47	16°54	17°56	21°20	13°59	26°45	28° 5	29°39	6°36	6° 3	11° 2	21°34	M 7
T 8	1 8 29	15°12'21	12°27	20°28	18° 7	18°25	21°20	13°55	26°43	28° 3	29°39	6°35	6° 0	11° 9	21°31	T 8
W 9	1 12 25	16°11'36	24°55	22° 9	19°20	18°55	21°R20	13°52	26°42	28° 2	29°39	6°34	5°57	11°15	21°28	W 9
T 10	1 16 22	17°10'53	7 云 40	23°48	20°32	19°24	21°20	13°48	26°40	28° 0	29°39	6°34	5°54	11°22	21°26	T 10
F 11	1 20 18	18°10'12	20°46	25°27	21°45	19°53	21°20	13°45	26°38	27°59	29°39	6°D34	5°50	11°29	21°23	F 11
S 12	1 24 15	19° 9'32	4≈15	27° 5	22°58	20°22	21°20	13°41	26°36	27°57	29°D39	6°34	5°47	11°35	21°20	S 12
S 13	1 28 11	20° 8'54	18° 9	28°42	24°11	20°51	21°19	13°38	26°35	27°56	29°39	6°35	5°44	11°42	21°17	S 13
M14	1 32 8	21° 8'18	2) 28	OML18	25°23	21°19	21°18	13°35	26°33	27°54	29°39	6°36	5°41	11°48	21°15	M14
T 15	1 36 4	22° 7'44	17°10	1°54	26°36	21°47	21°17	13°32	26°31	27°53	29°39	6°37	5°38	11°55	21°12	T 15
W16	1 40 1	23° 7'11	2 Υ 9	3°29	27°49	22°15	21°16	13°29	26°29	27°51	29°39	6°R38	5°34	12° 2	21° 9	W16
T 17	1 43 58	24° 6'41	17°20	5° 4	29° 1	22°42	21°14	13°26	26°27	27°50	29°39	6°37	5°31	12° 8	21° 6	T 17
F 18	1 47 54	25° 6'12	2 8 32	6°38	0 , 714	23° 9	21°13	13°23	26°25	27°48	29°39	6°36	5°28	12°15	21° 4	F 18
S 19	1 51 51	26° 5'46	17°35	8°11	1°26	23°36	21°11	13°20	26°23	27°47	29°39	6°34	5°25	12°22	21° 1	S 19
S 20	1 55 47	27° 5'21	2Ⅲ22	9°44	2°39	24° 2	21° 9	13°18	26°21	27°45	29°39	6°32	5°22	12°28	20°58	S 20
M21	1 59 44	28° 4'59	16°45	11°16	3°51	24°29	21° 7	13°15	26°19	27°44	29°40	6°29	5°19	12°35	20°56	M21
T 22	2 3 40	29° 4'39	0ණ40	12°47	5° 4	24°54	21° 4	13°13	26°17	27°43	29°40	6°26	5°15	12°42	20°53	T 22
W23	2 7 37	0M 4'22	14° 7	14°18	6°16	25°20	21° 1	13°10	26°14	27°41	29°40	6°24	5°12	12°48	20°50	W23
T 24	2 11 33	1° 4'07	27° 8	15°48	7°28	25°45	20°59	13° 8	26°12	27°40	29°41	6°D23	5° 9	12°55	20°47	T 24
F 25	2 15 30	2° 3'54	9 Ω 45	17°18	8°41	26°10	20°56	13° 6	26°10	27°39	29°41	6°23	5° 6	13° 2	20°45	F 25
S 26	2 19 27	3° 3'43	22° 3	18°47	9°53	26°34	20°52	13° 4	26° 8	27°37	29°41	6°24	5° 3	13° 8	20°42	S 26
S 27	2 23 23	4° 3'34	4M) 6	20°15	11° 5	26°58	20°49	13° 1	26° 6	27°36	29°42	6°26	4°59	13°15	20°39	S 27
M28	2 27 20	5° 3'27	16° 0	21°43	12°18	27°22	20°45	13° 0	26° 3	27°35	29°42	6°28	4°56	13°22	20°37	M28
T 29	2 31 16	6° 3'23	27°48	23°10	13°30	27°45	20°42	12°58	26° 1	27°34	29°43	6°29	4°53	13°28	20°34	T 29
W30	2 35 13	7° 3'21	9 ≏ 34	24°37	14°42	28° 8	20°38	12°56	25°59	27°32	29°43	6°R30	4°50	13°35	20°31	W30
T 31	2 39 9	8M 3'20	21 ≏ 22	26M 3	15 ₹ 54	28931	20∏33	12 米 54	25 8 56	27 米 31	29 궁 44	6 Ƴ 28	4Ƴ 47	13 ≏ 41	20 Y 29	T 31

Day	0	D	ğ	φ	♂	4	ħ)∤(¥	Р	n	v t	Š,
	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 W 2 T 3	3 s18 3 41 4 4	5n50 1n37 0 10 0 32 5s29 0s33	2 55 1 1		3 6 0 33	2 22n26 0 s43 3 22 26 0 43 5 22 26 0 43	8 s11 2 s12 8 12 2 11 8 14 2 11		1 56 1 20		2 38 2	2n32 4s26 2 30 4 30 2 29 4 33	9 30 1 5
F 4 S 5		10 58 1 37	4 28 1	0 16 13 0 25 2 54 16 38 0 28 2	3 2 0 36	5 22 26 0 43 5 22 26 0 43 8 22 26 0 43	8 15 2 11 8 16 2 11	19 11 0 16	1 57 1 20	23 25 3 16	2 38 2	2 28 4 36 2 27 4 40	9 28 1 5
S 6 M 7 T 8 W 9 T 10	5 36 5 59	28 31 5 11	6 43 0 4 7 27 0 3 8 11 0 2	42 17 26 0 34 2 35 17 49 0 37 2 29 18 13 0 41 2	2 54 0 41 2 52 0 42 2 49 0 44	22 26 0 43 22 26 0 43 2 22 26 0 43 2 22 26 0 43 5 22 26 0 43	8 18 2 11 8 19 2 11 8 21 2 11 8 22 2 11 8 23 2 11	19 10 0 16 19 9 0 16	1 59 1 20 1 59 1 20 2 0 1 20	23 25 3 16 23 25 3 16 23 25 3 16	2 37 2 2 37 2 2 37 2	2 25 4 43 2 24 4 47 2 23 4 50 2 22 4 53 2 20 4 57	9 25 1 5 9 24 1 5 9 23 1 5
F 11 S 12	7 30	26 54 5 7 23 45 4 41	10 18 0	9 19 19 0 50 2	2 41 0 48	7 22 26 0 43 8 22 26 0 43	8 24 2 11 8 26 2 11	19 8 0 16	2 2 1 20	23 25 3 16	2 36 2	2 19 5 0 2 18 5 4	9 19 1 5
S 13 M14 T 15 W16 T 17 F 18 S 19	7 53 8 15 8 37 8 59 9 21 9 43 10 5	13 22 2 58 6 42 1 46 0n29 0 25 7 43 0n59 14 31 2 18	11 40 0s 12 19 0 1 12 59 0 1 13 37 0 2 14 15 0 3	19 20 41 1 2 2 26 21 0 1 5 2	2 36 0 51 2 33 0 53 2 30 0 55 2 27 0 56 2 24 0 58	0 22 26 0 43 22 26 0 43 5 22 26 0 43 5 22 26 0 43 5 22 26 0 43 6 22 26 0 43 8 22 26 0 43	8 27 2 11 8 28 2 11 8 29 2 10 8 30 2 10 8 31 2 10 8 32 2 10 8 33 2 10	19 7 0 16 19 7 0 16 19 6 0 16 19 6 0 16 19 6 0 16	2 3 1 20 2 4 1 20 2 4 1 19 2 5 1 19 2 5 1 19	23 25 3 16 23 25 3 16 23 25 3 16 23 25 3 16	2 37 2 2 38 2 2 38 2 2 38 2	2 17 5 7 2 15 5 11 2 14 5 14 2 13 5 17 2 12 5 21 2 10 5 24 2 9 5 28	9 17 1 5 9 16 1 5 9 15 1 4 9 14 1 4 9 13 1 4
S 20 M21 T 22 W23 T 24 F 25 S 26	10 48 11 9 11 30 11 51 12 11	27 42 4 57 28 40 5 14 27 52 5 12 25 33 4 55	16 3 0 5 16 37 1 17 11 1 17 44 1 1 18 16 1 1	46 21 54 1 14 2 53 22 11 1 17 2 0 22 27 1 20 2 6 22 42 1 22 2 13 22 58 1 25 2 19 23 12 1 28 2 25 23 26 1 31 2	2 16 1 3 2 13 1 5 2 10 1 7 2 7 1 9 2 4 1 10	22 25 0 43	8 34 2 10 8 35 2 10 8 36 2 10 8 36 2 10 8 37 2 9 8 38 2 9 8 39 2 9	19 4 0 16 19 4 0 16 19 3 0 16 19 3 0 16 19 2 0 16	2 7 1 19 2 7 1 19 2 8 1 19 2 9 1 19 2 9 1 19	23 25 3 16 23 25 3 16 23 24 3 16 23 24 3 16	2 35 2 34 2 2 33 2 2 32 2 32 2 2 33 2	2 7 5 34 2 5 5 38 2 4 5 41 2 3 5 45 2 2 5 48	9 7 1 4 9 6 1 4
S 27 M28 T 29 W30 T 31	12 52 13 12 13 32 13 52 14 s12	7 13 1 50 1 36 0 48 4s 3 0s17	19 46 1 3 20 14 1 4 20 41 1 4		1 56 1 16 1 53 1 18 1 50 1 20	22 24 0 43 22 24 0 43 3 22 24 0 43 22 23 0 43 2 22n23 0 s43	8 39 2 9 8 40 2 9 8 41 2 9 8 41 2 9 8 s42 2s 8	19 1 0 16 19 0 0 16	2 10 1 19 2 11 1 19 2 11 1 19		2 34 1 2 35 1 2 35 1	59 5 55 58 5 58 56 6 2 55 6 5 n54 6s 8	9 2 1 3 9 1 1 3 9 0 1 3

Julian Day Number = 2460584.5, Delta T = 69.03 sec Ecliptic obliquity = $23^{\circ}26'20$, Nutation = - $0^{\circ}00'02$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $25^{\circ}05'10$, Lahiri = $24^{\circ}12'10$

NOVEMBER 2024 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂	4	ħ)Å(¥	Р	'n	Ω	Ç	Ŷ,	Day
F 1	2 43 6	9M 3'22	3 M .14	27 M 28	17 ∡ 7 6	28953	20°R29	12°R53	25°R54	27°R30	29 3 44	6°R26	4 Υ 44	13 <u>₽</u> 48	20°R26	F 1
S 2	2 47 2	10° 3'26	15°12	28°53	18°18	29°14	20 Ⅲ 24	12) 51	25 8 52	27 米 29	29°45	6 Υ 21	4°40	13°55	20 Υ 24	S 2
S 3	2 50 59	11° 3'31	27°18	0 ∡ 16	19°30	29°36	20°20	12°50	25°49	27°28	29°45	6°15	4°37	14° 1	20°21	S 3
M 4	2 54 55	12° 3'39	9 ∡ ³33	1°39	20°42	29°56	20°15	12°49	25°47	27°27	29°46	6° 9	4°34	14° 8	20°19	M 4
T 5	2 58 52	13° 3'48	21°59	3° 1	21°54	0Ω17	20°10	12°47	25°44	27°26	29°47	6° 2	4°31	14°15	20°16	T 5
W 6	3 2 49	14° 3'58	4 궁 37	4°22	23° 6	0°37	20° 5	12°46	25°42	27°25	29°47	5°56	4°28	14°21	20°14	W 6
T 7	3 6 45	15° 4'11	17°28	5°42	24°18	0°56	19°59	12°45	25°40	27°24	29°48	5°51	4°25	14°28	20°11	T 7
F 8	3 10 42	16° 4'25	0≈34	7° 1	25°30	1°15	19°54	12°45	25°37	27°23	29°49	5°48	4°21	14°35	20° 9	F 8
S 9	3 14 38	17° 4'40	13°58	8°19	26°42	1°34	19°48	12°44	25°35	27°22	29°50	5°D47	4°18	14°41	20° 7	S 9
S 10	3 18 35	18° 4'57	27°41	9°35	27°53	1°51	19°42	12°43	25°32	27°21	29°51	5°47	4°15	14°48	20° 4	S 10
M11	3 22 31	19° 5'15	11) (44	10°50	29° 5	2° 9	19°36	12°43	25°30	27°20	29°51	5°48	4°12	14°55	20° 2	M11
T 12	3 26 28	20° 5'34	26° 6	12° 2	0 궁 17	2°26	19°30	12°42	25°27	27°19	29°52	5°50	4° 9	15° 1	20° 0	T 12
W13	3 30 25	21° 5'55	10 Y 46	13°13	1°28	2°42	19°24	12°42	25°25	27°18	29°53	5°R50	4° 5	15° 8	19°57	W13
T 14	3 34 21	22° 6'17	25°39	14°22	2°40	2°58	19°17	12°42	25°22	27°18	29°54	5°48	4° 2	15°14	19°55	T 14
F 15	3 38 18	23° 6'41	10 8 38	15°28	3°51	3°14	19°11	12°42	25°20	27°17	29°55	5°44	3°59	15°21	19°53	F 15
S 16	3 42 14	24° 7'06	25°35	16°31	5° 2	3°28	19° 4	12°D42	25°17	27°16	29°56	5°39	3°56	15°28	19°51	S 16
S 17	3 46 11	25° 7'34	10耳21	17°31	6°14	3°43	18°57	12°42	25°15	27°15	29°57	5°31	3°53	15°34	19°49	S 17
M18	3 50 7	26° 8'02	24°47	18°28	7°25	3°56	18°50	12°42	25°12	27°15	29°58	5°22	3°50	15°41	19°46	M18
T 19	3 54 4	27° 8'33	89549	19°20	8°36	4°10	18°43	12°42	25°10	27°14	29°59	5°14	3°46	15°48	19°44	T 19
W20	3 58 0	28° 9'05	22°23	20° 8	9°47	4°22	18°36	12°43	25° 7	27°13	0≈ 0	5° 7	3°43	15°54	19°42	W20
T 21	4 1 57	29° 9'39	5 Ω 29	20°50	10°58	4°34	18°29	12°43	25° 5	27°13	0° 1	5° 2	3°40	16° 1	19°40	T 21
F 22	4 5 54	0 ₮ 10'15	18°10	21°27	12° 9	4°45	18°21	12°44	25° 2	27°12	0° 2	5° 0	3°37	16° 8	19°38	F 22
S 23	4 9 50	1°10'52	0 m 30	21°57	13°20	4°56	18°14	12°44	25° 0	27°12	0° 4	4°D59	3°34	16°14	19°37	S 23
S 24	4 13 47	2°11'31	12°33	22°20	14°30	5° 6	18° 6	12°45	24°57	27°11	0° 5	4°59	3°31	16°21	19°35	S 24
M25	4 17 43	3°12'12	24°26	22°34	15°41	5°15	17°59	12°46	24°55	27°11	0° 6	5° 0	3°27	16°28	19°33	M25
T 26	4 21 40	4°12'54	6 ₽ 13	22°R40	16°52	5°24	17°51	12°47	24°52	27°10	0° 7	5°R 0	3°24	16°34	19°31	T 26
W27	4 25 36	5°13'38	17°59	22°36	18° 2	5°32	17°43	12°48	24°50	27°10	0°8	4°59	3°21	16°41	19°29	W27
T 28	4 29 33	6°14'23	29°50	22°22	19°13	5°39	17°35	12°50	24°47	27°10	0°10	4°56	3°18	16°48	19°28	T 28
F 29	4 33 29	7°15'10	11 M .48	21°57	20°23	5°45	17°27	12°51	24°45	27° 9	0°11	4°50	3°15	16°54	19°26	F 29
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Julian Day Number = 2460615.5, Delta T = 69.02 sec Ecliptic obliquity = $23^{\circ}26'19$, Nutation = - $0^{\circ}00'03$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $25^{\circ}05'14$, Lahiri = $24^{\circ}12'14$

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T 10	5 16 52	18°24'58	6 ℃ 7	9°30	3°10	6° 7	15°58	13°13	24°19	27° 8	0°26	3°R31	2°40	18° 7	19°11	T 10
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T 12	5 24 45	20°26'54	4 8 53	7°44	5°27	6° 0	15°42	13°18	24°15	27° 8	0°30	3°27	2°33	18°21	19° 9	T 12
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S 14	5 32 38	22°28'53	4 I 1	6°42	7°44	5°50	15°26	13°24	24°11	27° 8	0°33	3°12	2°27	18°34	19° 7	S 14
S 15	5 36 34	23°29'54	18°29	6°28	8°53	5°44	15°18	13°27	24° 9	27° 9	0°34	3° 1	2°24	18°41	19° 6	S 15
M16	5 40 31	24°30'55	29544	6°D24	10° 1	5°37	15°10	13°30	24° 7	27° 9	0°36	2°49	2°21	18°47	19° 5	M16
T 17	5 44 28	25°31'58	16°39	6°30	11° 9	5°29	15° 2	13°33	24° 5	27° 9	0°38	2°36	2°17	18°54	19° 5	T 17
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T 19	5 52 21	27°34'04	13°19	7° 9	13°24	5°11	14°46	13°40	24° 1	27°10	0°41	2°16	2°11	19° 7	19° 3	T 19
F 20	5 56 17	28°35'08	26° 2	7°40	14°31	5° 1	14°38	13°43	23°59	27°10	0°43	2°10	2° 8	19°14	19° 3	F 20
S 21	6 0 14	29°36'13	8 m 25	8°18	15°39	4°49	14°31	13°47	23°57	27°11	0°44	2° 7	2° 5	19°21	19° 2	S 21
S 22	6 4 10	0 ට 37'19	20°30	9° 2	16°46	4°37	14°23	13°50	23°55	27°11	0°46	2° 6	2° 2	19°27	19° 2	S 22
M23	6 8 7	1°38'25	2 ≏ 24	9°51	17°52	4°25	14°15	13°54	23°53	27°12	0°48	2° 6	1°58	19°34	19° 1	M23
T 24	6 12 3	2°39'32	14°12	10°45	18°59	4°11	14° 8	13°58	23°51	27°12	0°50	2° 5	1°55	19°41	19° 1	T 24
W25	6 16 0	3°40'40	26° 0	11°43	20° 5	3°57	14° 1	14° 2	23°49	27°13	0°51	2° 4	1°52	19°47	19° 1	W25
T 26	6 19 57	4°41'49	7 M 53	12°45	21°11	3°41	13°54	14° 6	23°48	27°14	0°53	2° 0	1°49	19°54	19° 0	T 26
F 27	6 23 53	5°42'58	19°55	13°50	22°17	3°25	13°47	14°10	23°46	27°14	0°55	1°54	1°46	20° 0	19° 0	F 27
S 28	6 27 50	6°44'07	2 √ 11	14°58	23°23	3° 9	13°40	14°14	23°44	27°15	0°57	1°45	1°43	20° 7	19° 0	S 28
S 29	6 31 46	7°45'17	14°42	16° 9	24°28	2°51	13°33	14°18	23°43	27°16	0°58	1°33	1°39	20°14	19° 0	S 29
M30	6 35 43	8°46'28	27°30	17°21	25°33	2°33	13°26	14°23	23°41	27°16	1° 0	1°19	1°36	20°20	19°D 0	M30
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M30		28 24 4 59	21 27 1	32 14 52 1 36 23 24 14 27 1 32 23 n15 14s 1 1 s28 23	20 3 50	21 49 0 37 21 48 0 36 21n48 0 s36	7 59 1 59	18 27 0 15 18 27 0 15 18n27 0s15	2 16 1 17		0 32	0 38	9 26 9 29 9s32	8 19 0 56 8 19 0 56 8n19 0n56

Julian Day Number = 2460645.5, Delta T = 69.01 sec Ecliptic obliquity = $23^{\circ}26'18$, Nutation = - $0^{\circ}00'02$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $25^{\circ}05'18$, Lahiri = $24^{\circ}12'19$