

Astrodienst Ephemeris Tables for the year 2025

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 2025 00:00 UT

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Day	Sid.t	0	D	ğ	ρ	ď	4	ħ)Å(¥	Р	N.	v	Ç	ķ	Day
W 1	6 43 36	10 3 48'49	23 る 55	19 × 752	27≈43	1°R55	13°R13	14) (31	23°R38	27) 18	1≈ 4	0°R53	1 Υ 30	20 ≏ 34	19 Υ 0	W 1
T 2	6 47 32	11°50'00	7≈27	21°10	28°47	1 Ω 35	13 I 7	14°36	23 8 37	27°19	1° 6	0 Υ 42	1°27	20°40	19° 0	T 2
F 3	6 51 29	12°51'10	21°10	22°29	29°51	1°15	13° 0	14°41	23°35	27°20	1°8	0°34	1°23	20°47	19° 1	F 3
S 4	6 55 26	13°52'21	5 ₩ 0	23°50	0 ∺ 55	0°54	12°54	14°45	23°34	27°20	1° 9	0°29	1°20	20°54	19° 1	S 4
S 5	6 59 22	14°53'31	18°55	25°12	1°58	0°32	12°49	14°50	23°33	27°21	1°11	0°26	1°17	21° 0	19° 1	S 5
M 6	7 3 19	15°54'40	2 Υ 55	26°35	3° 1	0°10	12°43	14°55	23°31	27°22	1°13	0°D26	1°14	21° 7	19° 1	M 6
T 7	7 7 15	16°55'50	16°58	27°58	4° 4	299548	12°37	15° 0	23°30	27°23	1°15	0°R26	1°11	21°14	19° 2	T 7
W 8	7 11 12	17°56'58	1 8 4	29°23	5° 6	29°25	12°32	15° 5	23°29	27°24	1°17	0°26	1° 8	21°20	19° 2	W 8
T 9	7 15 8	18°58'07	15°12	0 궁 48	6° 8	29° 2	12°27	15°10	23°28	27°26	1°19	0°23	1° 4	21°27	19° 3	T 9
F 10	7 19 5	19°59'15	29°21	2°14	7° 9	28°38	12°22	15°15	23°27	27°27	1°21	0°18	1° 1	21°34	19° 4	F 10
S 11	7 23 1	21° 0'22	13 II 27	3°41	8°10	28°15	12°17	15°21	23°26	27°28	1°23	0°10	0°58	21°40	19° 4	S 11
S 12	7 26 58	22° 1'29	27°27	5° 8	9°11	27°51	12°12	15°26	23°25	27°29	1°25	29 米 59	0°55	21°47	19° 5	S 12
M13	7 30 55	23° 2'36	119917	6°37	10°11	27°27	12° 7	15°31	23°24	27°30	1°27	29°48	0°52	21°54	19° 6	M13
T 14	7 34 51	24° 3'42	24°52	8° 5	11°11	27° 3	12° 3	15°37	23°23	27°31	1°28	29°36	0°49	22° 0	19° 6	T 14
W15	7 38 48	25° 4'48	8 Ω 10	9°35	12°10	26°39	11°59	15°42	23°22	27°33	1°30	29°26	0°45	22° 7	19° 7	W15
T 16	7 42 44	26° 5'53	21° 8	11° 5	13° 9	26°15	11°55	15°48	23°21	27°34	1°32	29°18	0°42	22°14	19° 8	T 16
F 17	7 46 41	27° 6'58	3 m) 47	12°35	14° 7	25°51	11°51	15°54	23°21	27°35	1°34	29°12	0°39	22°20	19° 9	F 17
S 18	7 50 37	28° 8'02	16° 8	14° 6	15° 5	25°27	11°48	15°59	23°20	27°37	1°36	29° 9	0°36	22°27	19°10	S 18
S 19	7 54 34	29° 9'07	28°14	15°38	16° 2	25° 4	11°44	16° 5	23°19	27°38	1°38	29°D 8	0°33	22°34	19°11	S 19
M20	7 58 31	0≈10'10	10 ♀ 9	17°10	16°59	24°40	11°41	16°11	23°19	27°39	1°40	29° 8	0°29	22°40	19°12	M20
T 21	8 2 27	1°11'14	21°58	18°43	17°55	24°17	11°38	16°17	23°18	27°41	1°42	29° 9	0°26	22°47	19°14	T 21
W22	8 6 24	2°12'17	3 M .47	20°16	18°50	23°54	11°35	16°23	23°18	27°42	1°44	29°R 9	0°23	22°54	19°15	W22
T 23	8 10 20	3°13'19	15°40	21°50	19°45	23°31	11°32	16°29	23°17	27°44	1°46	29° 8	0°20	23° 0	19°16	T 23
F 24	8 14 17	4°14'22	27°43	23°24	20°39	23° 9	11°30	16°35	23°17	27°45	1°48	29° 5	0°17	23° 7	19°18	F 24
S 25	8 18 13	5°15'23	10 × 2	24°59	21°33	22°47	11°28	16°41	23°17	27°47	1°50	29° 0	0°14	23°13	19°19	S 25
S 26	8 22 10	6°16'25	2 <u>2°</u> 38	26°35	22°26	22°25	11°26	16°47	23°16	27°48	1°52	28°53	0°10	23°20	19°20	S 26
M27	8 26 6	7°17'25	5 云 36	28°11	23°18	22° 4	11°24	16°53	23°16	27°50	1°54	28°44	0° 7	23°27	19°22	M27
T 28	8 30 3	8°18'25	18°55	29°48	24° 9	21°44	11°22	17° 0	23°16	27°51	1°56	28°35	0° 4	23°33	19°23	T 28
W29	8 34 0	9°19'24	2≈34	1≈26	25° 0	21°24	11°21	17° 6	23°16	27°53	1°57	28°26	0° 1	23°40	19°25	W29
T 30	8 37 56	10°20'22	16°31	3° 4	25°50	21° 5	11°20	17°12	23°16	27°55	1°59	28°18	29 \ 58	23°47	19°27	T 30
F 31	8 41 53	11≈21'19	0) (40	4≈43	26 米 39	209546	11 I I19	17 米 19	23°D16	27) 56	2≈ 1	28 米 13	29 米 55	23 ≏ 53	19 Y 28	F 31

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W 1 T 2	23 s 0 22 55		7 21 s56 1n 1 22 10 0 5	7 13 s35 1 s24 23 8 13 9 1 20 23		21n47 0s36 21 47 0 36		18n26 0s15 18 26 0 15		23 s 7 3 s 16 23 6 3 17		0n36 9si 0 34 9 i	
F 3 S 4	22 49 22 43		2 22 24 0 5 0 22 36 0 4	60 12 42 1 16 23 42 12 16 1 11 23		21 46 0 36 21 46 0 35		18 26 0 15 18 25 0 15				0 33 9 4 0 32 9 4	
S 5 M 6	22 36 22 29	1n22 0n13		25 11 21 1 2 24	6 4 5	21 45 0 35 21 44 0 35	7 45 1 58	18 25 0 15 18 25 0 15	2 13 1 17	23 5 3 17	0 10	0 31 9 4 0 29 9 5	52 8 18 0 56
T 7 W 8 T 9	22 22 22 14 22 6		5 23 17 0	7 10 54 0 57 24 9 10 27 0 52 24 2 9 59 0 46 24	19 4 8	21 44 0 35 21 43 0 35 21 43 0 34	7 41 1 58	18 24 0 15 18 24 0 15 18 24 0 15	2 12 1 17	23 4 3 17	0 10	0 28 9 : 0 27 9 : 0 26 10	
		24 14 4 20	0 23 31 0s 0 23 37 0 1	6 9 31 0 41 24	31 4 11	21 43 0 34 21 42 0 34	7 37 1 58	18 24 0 15 18 23 0 15	2 11 1 17	23 4 3 17	0 7		5 8 19 0 55 8 8 19 0 55
M13		27 53 4 50	2 23 41 0 2 6 23 44 0 2 4 23 46 0 3	8 8 7 0 24 24	50 4 15	21 42 0 34 21 41 0 34 21 41 0 33	7 33 1 57 7 30 1 57 7 28 1 57		2 10 1 17	23 2 3 17	0 5	0 22 10 0 21 10 0 19 10	15 8 19 0 55
W15 T 16	21 7 20 56	22 2 3 5° 17 25 3 8	7 23 47 0 4 8 23 47 0 4	2 7 11 0 12 25 8 6 42 0 5 25	1 4 16 6 4 17	21 41 0 33 21 40 0 33	7 26 1 57 7 24 1 57	18 22 0 15 18 22 0 15	2 9 1 17 2 8 1 17	23 2 3 17 23 1 3 17	0 14 0 17	0 18 10 1 0 17 10 1	21 8 20 0 54 25 8 20 0 54
F 17 S 18	20 44 20 32	6 32 1 9	9 23 42 1	1 5 46 0 8 25	17 4 18	21 40 0 33 21 40 0 33	7 19 1 57	18 22 0 15 18 22 0 15	2 7 1 17	23 1 3 18	0 20	0 16 10 1	8 20 0 54
S 19 M20 T 21	20 20 20 7 19 54	4s55 0s59	5 23 37 1 9 23 32 1 1 9 23 25 1 1		26 4 19	21 40 0 32 21 39 0 32 21 39 0 32	7 17 1 57 7 14 1 56 7 12 1 56		2 6 1 16	23 0 3 18	0 21	0 13 10 1 0 12 10 1 0 10 10 4	88 8 21 0 54
W22 T 23	19 40 19 26	15 31 2 53 20 5 3 43	5 23 17 1 2 3 23 7 1 2	13 3 52 0 36 25 18 3 24 0 43 25	35 4 20 39 4 20	21 39 0 32 21 39 0 31	7 10 1 56 7 7 1 56	18 22 0 15 18 21 0 15	2 5 1 16 2 4 1 16	22 59 3 18 22 59 3 18	0 20 0 21	0 9 10 4 0 8 10 4	14 8 22 0 54 17 8 22 0 53
F 24 S 25	18 57	26 44 4 50	2 22 56 1 3 0 22 43 1 3	2 27 0 58 <mark>25</mark>	47 4 19	21 39 0 31 21 39 0 31	7 2 1 56	18 21 0 15 18 21 0 15	2 3 1 16	22 58 3 18 22 58 3 18	0 24	0 7 10 3	54 8 23 0 53
S 26 M27 T 28	18 27	28 23 5	5 22 29 1 4 4 22 14 1 4 8 21 57 1 4	15 1 32 1 14 25	53 4 19	21 39 0 31 21 39 0 31 21 39 0 30	6 57 1 56	18 21 0 15 18 21 0 15 18 21 0 15	2 2 1 16	22 58 3 18 22 57 3 18 22 57 3 18	0 30	-	57 8 23 0 53 0 8 24 0 53 3 8 24 0 53
W29 T 30	17 55 17 39	23 43 4 14 19 9 3 2:	4 21 39 1 5 5 21 20 1 5	52 0 36 1 31 <mark>25</mark>	59 4 18	21 39 0 30 21 39 0 30 21 39 0 30	6 52 1 56	18 21 0 15 18 21 0 15 18 21 0 15	2 0 1 16	22 57 3 18 22 57 3 18 22 56 3 19	0 37		7 8 25 0 53
F 31	17 s22	13 s28 2 s23	3 20 s 59 1 s 5	7 0n19 1n48 <mark>26</mark>	n 3 4n16	21n39 0s30	6s47 1s56	18n21 0s15	1s59 1s16	22 s 56 3 s 19	0 s43	0s 2 11s	13 8n26 0n53

Julian Day Number = 2460676.5, Delta T = 69.00 sec Ecliptic obliquity = 23°26'18, Nutation = 0°00'00, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 25°05'22, Lahiri = 24°12'23

00:00 UT FEBRUARY 2025

Day	Sid.t	0	D	ğ	φ	♂ [™]	4	ħ)ф(卉	Р	n	Ω	ţ	ę,	Day
S 1	8 45 49	12≈22'15	14) 58	6≈23	27) 27	20°R28	11°R18	17) 25	23816	27) 58	2≈ 3	28°R10	29 米 51	24 <u>₽</u> 0	19 Y 30	S 1
S 2	8 49 46	13°23'10	29°18	8° 3	28°14	209510	11 I I17	17°32	23°16	28° 0	2° 5	28°D 9	29°48	24° 7	19°32	S 2
M 3	8 53 42	14°24'03	13 Y 38	9°44	29° 0	19°54	11°17	17°39	23°16	28° 2	2° 7	28 米 10	29°45	24°13	19°34	M 3
T 4	8 57 39	15°24'55	27°54	11°26	29°45	19°38	11°D17	17°45	23°16	28° 3	2° 9	28°11	29°42	24°20	19°36	T 4
W 5	9 1 3 5	16°25'45	12 8 3	13° 8	o Υ 29	19°22	11°17	17°52	23°16	28° 5	2°11	28°R12	29°39	24°27	19°38	W 5
T 6	9 5 32	17°26'35	26° 5	14°52	1°13	19°8	11°17	17°58	23°17	28° 7	2°13	28°12	29°35	24°33	19°40	T 6
F 7	9 9 29	18°27'22	9П59	16°36	1°55	18°54	11°17	18° 5	23°17	28° 9	2°15	28°10	29°32	24°40	19°42	F 7
S 8	9 13 25	19°28'09	23°43	18°20	2°35	18°41	11°18	18°12	23°18	28°11	2°16	28° 6	29°29	24°47	19°44	S 8
S 9	9 17 22	20°28'53	<i>7</i> 9317	20° 6	3°15	18°29	11°19	18°19	23°18	28°13	2°18	28° 1	29°26	24°53	19°46	S 9
M10	9 21 18	21°29'36	20°39	21°52	3°53	18°18	11°20	18°26	23°19	28°14	2°20	27°55	29°23	25° 0	19°48	M10
T 11	9 25 15	22°30'18	3 Ω 49	23°39	4°30	18° 7	11°21	18°33	23°19	28°16	2°22	27°48	29°20	25° 7	19°50	T 11
W12	9 29 11	23°30'58	16°44	25°27	5° 6	17°57	11°23	18°40	23°20	28°18	2°24	27°43	29°16	25°13	19°52	W12
T 13	9 33 8	24°31'37	29°25	27°16	5°40	17°48	11°24	18°46	23°20	28°20	2°26	27°38	29°13	25°20	19°55	T 13
F 14	9 37 4	25°32'14	11 m 52	29° 5	6°13	17°40	11°26	18°53	23°21	28°22	2°27	27°35	29°10	25°27	19°57	F 14
S 15	9 41 1	26°32'50	24° 5	0) € 54	6°44	17°33	11°28	19° 0	23°22	28°24	2°29	27°D34	29° 7	25°33	19°59	S 15
S 16	9 44 58	27°33'25	6 ♀ 7	2°45	7°14	17°26	11°30	19° 8	23°23	28°26	2°31	27°34	29° 4	25°40	20° 2	S 16
M17	9 48 54	28°33'58	18° 1	4°36	7°42	17°20	11°33	19°15	23°24	28°28	2°33	27°36	29° 1	25°47	20° 4	M17
T 18	9 52 51	29°34'30	29°51	6°27	8° 8	17°15	11°35	19°22	23°25	28°30	2°35	27°38	28°57	25°53	20° 7	T 18
W19	9 56 47	0) (35'01	11 M 40	8°18	8°33	17°11	11°38	19°29	23°26	28°32	2°36	27°39	28°54	26° 0	20° 9	W19
T 20	10 0 44	1°35'31	23°33	10°10	8°56	17° 7	11°41	19°36	23°27	28°34	2°38	27°41	28°51	26° 7	20°12	T 20
F 21	10 4 40	2°35'59	5 ₹ 35	12° 1	9°17	17° 4	11°44	19°43	23°28	28°36	2°40	27°R41	28°48	26°13	20°15	F 21
S 22	10 8 37	3°36'26	17°52	13°53	9°36	17° 3	11°48	19°50	23°29	28°39	2°42	27°40	28°45	26°20	20°17	S 22
S 23	10 12 33	4°36'52	0 云 27	15°43	9°53	17° 1	11°51	19°58	23°30	28°41	2°43	27°38	28°41	26°27	20°20	S 23
M24	10 16 30	5°37'16	13°25	17°33	10° 7	17°D 1	11°55	20° 5	23°31	28°43	2°45	27°35	28°38	26°33	20°23	M24
T 25	10 20 27	6°37'39	26°47	19°22	10°20	17° 1	11°59	20°12	23°33	28°45	2°47	27°32	28°35	26°40	20°25	T 25
W26	10 24 23	7°38'00	10≈34	21° 9	10°31	17° 2	12° 3	20°19	23°34	28°47	2°48	27°29	28°32	26°47	20°28	W26
T 27	10 28 20	8°38'20	24°44	22°54	10°39	17° 4	12° 7	20°27	23°35	28°49	2°50	27°26	28°29	26°53	20°31	T 27
F 28	10 32 16	9) €38'38	9) 13	24) (37	10 Y 45	1795 7	12 Ⅱ 12	20) 34	23 8 37	28 米 51	2≈52	27 米 25	28) (26	27 ♀ 0	20 Y 34	F 28

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S 1	17s 5	7 s 1	1 s 1 1	20s36	1 s59	0n46	1n56	26n 5	4n15	21n39	0 s 3 0	6 s44	1 s56	18n21	0s15	1 s58	1 s16	22 s56	3 s 1 9	0 s44	0s 3	11s16	8n26	0n52
S 2	16 48	0 11	0n 6	20 12	2 1	1 13	2 5	26 7	4 15	21 39	0 29	6 42	1 55	18 21	0 14	1 58	1 16	22 55	3 19	0 44	0 5	11 19	8 27	0 52
M 3	16 31	6n39	1 23	19 47	2 3	1 39	2 14	26 9	4 14	21 39	0 29	6 39	1 55	18 21	0 14	1 57	1 16	22 55	3 19	0 44	0 6	11 23	8 28	0 52
T 4	16 13	13 7	2 34	19 20	2 4	2 6	2 23	26 10	4 12	21 39	0 29	6 37	1 55	18 21	0 14	1 56	1 16	22 55	3 19	0 43	0 7	11 26	8 28	0 52
W 5	15 55	18 52	3 35	18 52	2 5	2 32	2 33	26 11	4 11	21 39	0 29	6 34	1 55	18 21	0 14	1 55	1 16	22 54	3 19	0 43	0 8	11 29	8 29	0 52
T 6	15 36	23 32	4 23	18 22	2 5	2 58	2 42	26 12	4 10	21 40	0 28	6 31	1 55	18 22	0 14	1 55	1 16	22 54	3 19	0 43	0 10	11 32	8 29	0 52
F 7	15 18	26 48	4 55	17 51	2 5	3 23	2 52	26 13	4 9	21 40	0 28	6 29	1 55	18 22	0 14	1 54	1 16	22 54	3 19	0 44	0 11	11 36	8 30	0 52
S 8	14 59	28 26	5 9	17 18	2 5	3 48	3 2	26 13	4 8	21 40	0 28	6 26	1 55	18 22	0 14	1 53	1 16	22 53	3 19	0 45	0 12	11 39	8 31	0 52
S 9	14 40	28 20	5 6	16 44	2 4	4 13	3 11	26 14	4 6	21 41	0 28	6 23	1 55	18 22	0 14	1 52	1 16	22 53	3 20	0 47	0 14	11 42	8 32	0 52
M10	14 20	26 34	4 46	16 9	2 2	4 37	3 21	26 14	4 5	21 41	0 28	6 20	1 55	18 22	0 14	1 52	1 16	22 53	3 20	0 50	0 15	11 45	8 32	0 51
T 11	14 1	23 22	4 12	15 32	2 0	5 1	3 31	26 14	4 3	21 41	0 27	6 18	1 55	18 22	0 14	1 51	1 16	22 52	3 20	0 52	0 16	11 48	8 33	0 51
W12	13 41	19 4	3 24	14 53	1 58	5 25	3 42	26 14	4 2	21 42	0 27	6 15	1 55	18 22	0 14	1 50	1 16	22 52	3 20	0 55	0 17	11 51	8 34	0 51
T 13	13 21	13 59	2 28	14 13	1 55	5 48	3 52	26 14	4 0	21 42	0 27	6 12	1 55	18 23	0 14	1 49	1 16	22 52	3 20	0 56	0 19	11 55	8 34	0 51
F 14	13 0	8 25	1 25	13 32	1 51	6 11	4 2	26 13	3 59	21 43	0 27	6 9	1 55	18 23	0 14	1 49	1 16	22 51	3 20	0 58	0 20	11 58	8 35	0 51
S 15	12 40	2 38	0 19	12 49	1 47	6 33	4 13	26 12	3 57	21 43	0 27	6 7	1 55	18 23	0 14	1 48	1 16	22 51	3 20	0 58	0 21	12 1	8 36	0 51
S 16	12 19	3s 9	0s47	12 5	1 43	6 54	4 23	26 12	3 56	21 44	0 26	6 4	1 55	18 23	0 14	1 47	1 16	22 51	3 20	0 58	0 22	12 4	8 37	0 51
M17	11 58	8 46	1 50	11 20	1 38	7 15	4 34	26 11	3 54	21 44	0 26	6 1	1 55	18 24	0 14	1 46	1 16	22 51	3 20	0 57	0 24	12 7	8 38	0 51
T 18	11 37	14 2	2 48	10 34	1 32	7 35	4 45	26 10	3 52	21 45	0 26	5 58	1 55	18 24	0 14	1 45	1 16	22 50	3 21	0 57	0 25	12 11	8 39	0 51
W19	11 16	18 48	3 39	9 46	1 25	7 55	4 55	26 9	3 51	21 45	0 26	5 55	1 55	18 24	0 14	1 44	1 16	22 50	3 21	0 56	0 26	12 14	8 39	0 50
T 20	10 55	22 52	4 21	8 58	1 18	8 14	5 6	26 7	3 49	21 46	0 26	5 53	1 55	18 24	0 14	1 44	1 16	22 50	3 21	0 55	0 27	12 17	8 40	0 50
F 21	10 33	26 1	4 52	8 8	1 11	8 32	5 17	26 6	3 47	21 46	0 25	5 50	1 55	18 25	0 14	1 43	1 16	22 49	3 21	0 55	0 29	12 20	8 41	0 50
S 22	10 11	28 2	5 10	7 18	1 2	8 49	5 28	26 5	3 45	21 47	0 25	5 47	1 55	18 25	0 14	1 42	1 16	22 49	3 21	0 56	0 30	12 23	8 42	0 50
S 23	9 49	28 41	5 14	6 27	0 53	9 6	5 39	26 3	3 44	21 48	0 25	5 44	1 55	18 25	0 14	1 41	1 16	22 49	3 21	0 56	0 31	12 26	8 43	0 50
M24	9 27	27 47	5 3	5 35	0 44	9 22	5 50	26 1	3 42	21 48	0 25	5 41	1 55	18 26	0 14	1 40	1 16	22 49	3 21	0 58	0 32	12 30	8 44	0 50
T 25	9 5	25 18	4 35	4 43	0 33	9 37	6 0	25 59	3 40	21 49	0 25	5 38	1 55	18 26	0 14	1 39	1 16	22 48	3 22	0 59	0 34	12 33	8 45	0 50
W26	8 42	21 17	3 51	3 51	0 22	9 51	6 11	25 57	3 38	21 50	0 24	5 35	1 55	18 26	0 14	1 39	1 16	22 48	3 22	1 0	0 35	12 36	8 46	0 50
T 27	8 20	15 57	2 51	2 59	0 11	10 4	6 22	25 55	3 36	21 51	0 24	5 33	1 55	18 27	0 14	1 38	1 16	22 48	3 22	1 1	0 36	12 39	8 47	0 50
F 28	7 s57	9 s38	1 s39	2s 7	0n 1	10n16	6n32	25n53	3n34	21n51	0 s24	5 s 3 0	1 s55	18n27	0s14	1 s37	1 s16	22 s48	3 s22	1 s 2	0 s 3 8	12 s42	8n48	0n50

Julian Day Number = 2460707.5, Delta T = 68.99 sec Ecliptic obliquity = $23^{\circ}26'19$, Nutation = $0^{\circ}00'02$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $25^{\circ}05'27$, Lahiri = $24^{\circ}12'27$

MARCH 2025 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂	24	ħ)∤(¥	Р	ß	Ω	Ç	ę,	Day
S 1	10 36 13	10) €38'54	23 米 55	26) 17	10 Y 49	179510	12 II 16	20) (41	23 8 38	28 米 54	2≈53	27°D24	28 米 22	27 ♀ 7	20 Y 37	S 1
S 2	10 40 9	11°39'08	8 Υ 43	27°54	10°R50	17°14	12°21	20°49	23°40	28°56	2°55	27) 24	28°19	27°13	20°40	S 2
M 3	10 44 6	12°39'21	23°30	29°26	10°49	17°18	12°26	20°56	23°41	28°58	2°56	27°25	28°16	27°20	20°43	M 3
T 4	10 48 2	13°39'31	8 8 9	0 Υ 54	10°45	17°24	12°31	21° 3	23°43	29° 0	2°58	27°26	28°13	27°27	20°45	T 4
W 5	10 51 59	14°39'39	22°35	2°17	10°39	17°29	12°37	21°11	23°45	29° 2	2°59	27°27	28°10	27°33	20°48	W 5
T 6	10 55 56	15°39'46	6 II 46	3°34	10°31	17°36	12°42	21°18	23°46	29° 5	3° 1	27°28	28° 7	27°40	20°52	T 6
F 7	10 59 52	16°39'50	20°39	4°45	10°19	17°43	12°48	21°26	23°48	29° 7	3° 3	27°R28	28° 3	27°47	20°55	F 7
S 8	11 3 49	17°39'52	49513	5°49	10° 6	17°51	12°54	21°33	23°50	29° 9	3° 4	27°28	28° 0	27°53	20°58	S 8
S 9	11 7 45	18°39'52	17°31	6°46	9°49	18° 0	13° 0	21°40	23°52	29°11	3° 5	27°27	27°57	28° 0	21° 1	S 9
M10	11 11 42	19°39'50	0€33	7°35	9°31	18° 9	13° 6	21°48	23°54	29°14	3° 7	27°26	27°54	28° 7	21° 4	M10
T 11	11 15 38	20°39'45	13°20	8°16	9°10	18°18	13°12	21°55	23°56	29°16	3° 8	27°25	27°51	28°13	21° 7	T 11
W12	11 19 35	21°39'39	25°54	8°49	8°46	18°29	13°19	22° 3	23°58	29°18	3°10	27°24	27°47	28°20	21°10	W12
T 13	11 23 31	22°39'30	8 Mp 16	9°13	8°21	18°39	13°26	22°10	24° 0	29°20	3°11	27°24	27°44	28°27	21°13	T 13
F 14	11 27 28	23°39'19	20°28	9°28	7°53	18°51	13°32	22°17	24° 2	29°23	3°13	27°23	27°41	28°33	21°17	F 14
S 15	11 31 25	24°39'06	2 ≏ 31	9°R35	7°24	19° 2	13°39	22°25	24° 4	29°25	3°14	27°D23	27°38	28°40	21°20	S 15
S 16	11 35 21	25°38'52	14°27	9°33	6°52	19°15	13°46	22°32	24° 6	29°27	3°15	27°23	27°35	28°47	21°23	S 16
M17	11 39 18	26°38'35	26°18	9°23	6°20	19°28	13°54	22°40	24° 8	29°29	3°16	27°23	27°32	28°53	21°27	M17
T 18	11 43 14	27°38'17	8 M 7	9° 5	5°45	19°41	14° 1	22°47	24°10	29°32	3°18	27°R23	27°28	29° 0	21°30	T 18
W19	11 47 11	28°37'57	19°57	8°39	5°10	19°55	14° 9	22°54	24°13	29°34	3°19	27°23	27°25	29° 7	21°33	W19
T 20	11 51 7	29°37'35	1 ₹ 51	8° 7	4°33	20° 9	14°16	23° 2	24°15	29°36	3°20	27°23	27°22	29°13	21°37	T 20
F 21	11 55 4	0 Υ 37'11	13°53	7°29	3°56	20°24	14°24	23° 9	24°17	29°38	3°21	27°23	27°19	29°20	21°40	F 21
S 22	11 59 0	1°36'46	26° 8	6°46	3°19	20°40	14°32	23°16	24°20	29°41	3°23	27°D23	27°16	29°27	21°43	S 22
S 23	12 2 57	2°36'19	8 云 39	5°58	2°41	20°55	14°40	23°24	24°22	29°43	3°24	27°23	27°12	29°33	21°47	S 23
M24	12 6 53	3°35'50	21°32	5° 8	2° 3	21°12	14°48	23°31	24°24	29°45	3°25	27°23	27° 9	29°40	21°50	M24
T 25	12 10 50	4°35'20	4≈48	4°16	1°26	21°28	14°57	23°39	24°27	29°48	3°26	27°24	27° 6	29°47	21°54	T 25
W26	12 14 47	5°34'47	18°31	3°23	0°49	21°45	15° 5	23°46	24°29	29°50	3°27	27°24	27° 3	29°53	21°57	W26
T 27	12 18 43	6°34'13	2) (40	2°30	0°13	22° 3	15°14	23°53	24°32	29°52	3°28	27°25	27° 0	29°59	22° 0	T 27
F 28	12 22 40	7°33'37	17°14	1°39	29 米 38	22°21	15°22	24° 0	24°35	29°54	3°29	27°26	26°57	0 m 7	22° 4	F 28
S 29	12 26 36	8°32'59	2 ℃ 7	0°50	29° 4	22°39	15°31	24° 8	24°37	29°57	3°30	27°R26	26°53	0°13	22° 7	S 29
S 30	12 30 33	9°32'19	17°13	0° 4	28°32	22°58	15°40	24°15	24°40	29°59	3°31	27°25	26°50	0°20	22°11	S 30
M31	12 34 29	10 ° 31'37	2821	29 米 22	28 米 1	239517	15 Ⅱ 49	24) (22	24 8 43	0 Υ 1	3≈32	27) 24	26) (47	0 M 27	22 Y 14	M31

Day	0	D		ğ	ρ		ď		24		ħ	l)	ţ(4	(E	2	n	Ω	Ç	Ł	5
	decl	decl lat	decl	lat	decl	lat (lecl lat	(decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7 s34	2 s43 0 s	s19 1s16	6 0n14	10n27	6n42 25	n51 31	33 21	n52	0 s24	5 s27	1 s55	18n27	0s14	1 s36	1 s16	22 s47	3 s22	1 s 2	0s39	12 s45	8n49	0n49
S 2	7 12	4n25 1n	0 26	0 27	10 36	6 53 25	49 3	31 21	53	0 24	5 24	1 55	18 28	0 14	1 35	1 16	22 47	3 22	1 2	0 40	12 48	8 50	0 49
M 3	6 49	11 17 2	20 0n23	0 40	10 45	7 3 25	46 3	29 21	54	0 23	5 21	1 55	18 28	0 14	1 34	1 16	22 47	3 22	1 2	0 41	12 52	8 51	0 49
T 4	6 26	17 29 3	-		10 53			27 21		0 23	5 18	1 55		0 14	1 33	1 16	22 47	3 23	1 1	0 43		8 52	0 49
W 5	6 2	22 37 4	-	-				25 21		0 23	5 15	1 55			1 32	1 16	-	3 23	1 1		12 58	8 53	0 49
T 6		26 18 4						24 21		0 23	5 12	1 55			1 32		-	3 23	1 0	0 45	-	8 54	0 49
F 7			15 3 21					22 21		0 23	5 9	1 55			1 31		22 46	3 23	1 0	0 46	-	8 55	0 49
S 8	4 52	28 37 5	15 3 59	1 49	11 9	7 47 25	33 3	20 21	. 58	0 22	5 7	1 55	18 30	0 14	1 30	1 16	22 46	3 23	1 1	0 48	13 7	8 56	0 49
S 9	4 29	27 13 4	58 4 34	1 2 3	11 10	7 55 25	30 3	18 21	59	0 22	5 4	1 55	18 31	0 14	1 29	1 16	22 46	3 23	1 1	0 49	13 10	8 57	0 49
M10	4 6	24 21 4	26 5 5	2 16	11 9	8 2 25	27 3	16 22	0	0 22	5 1	1 55	18 31	0 14	1 28	1 16	22 45	3 23	1 1	0 50	13 13	8 58	0 49
T 11	3 42	20 21 3	41 5 33	2 29	11 6	8 9 25	24 3	15 22	1	0 22	4 58	1 55	18 32	0 14	1 27	1 16	22 45	3 24	1 2	0 51	13 17	8 59	0 49
W12	3 18	15 29 2	46 5 57	2 40	11 3	8 14 25	21 3	13 22	2	0 22	4 55	1 55	18 32	0 14	1 26	1 16	22 45	3 24	1 2	0 53	13 20	9 0	0 48
T 13	2 55	10 5 1	44 6 17	2 51	10 57	8 20 25		11 22		0 22	4 52	1 55	18 33	0 14	1 25	1 16	22 45	3 24	1 2	0 54	13 23	9 2	0 48
F 14	2 31		38 6 32			8 24 25		9 22		0 21	4 49		18 33		1 24		22 45	3 24	1 2	0 55		9 3	0 48
S 15	2 7	1 s26 0 s	6 43	3 10	10 42	8 28 25	11 3	8 22	. 5	0 21	4 46	1 55	18 34	0 14	1 23	1 16	22 45	3 24	1 2	0 57	13 29	9 4	0 48
S 16	1 44	7 8 1	33 6 49	3 18	10 32	8 31 25	7 3	6 22	6	0 21	4 43	1 55	18 35	0 14	1 23	1 16	22 44	3 24	1 2	0 58	13 32	9 5	0 48
M17	1 20	12 32 2	34 6 50	3 24	10 21	8 33 25	4 3	4 22	7	0 21	4 41	1 55	18 35	0 14	1 22	1 16	22 44	3 24	1 2	0 59	13 35	9 6	0 48
T 18	0 56	17 29 3	28 6 47	3 28	10 8	8 34 25	0 3	2 22	8	0 21	4 38	1 55	18 36	0 14	1 21	1 16	22 44	3 25	1 2	1 0	13 38	9 7	0 48
W19		21 46 4	12 6 40	3 31	9 54	8 34 24		1 22		0 21	4 35	1 55	18 36	0 14	1 20	1 16	22 44	3 25	1 2	1 2	13 41	9 9	0 48
T 20	0 9	25 13 4	47 6 28	3 32	9 39	8 33 24		59 22		0 20	4 32	1 55	18 37	0 14	1 19	1 16	22 44	3 25	1 2	1 3	13 44	9 10	0 48
F 21	0n15		9 6 12		9 23			57 22		0 20	4 29		18 37		1 18		22 44	3 25	1 2	1 4		9 11	0 48
S 22	0 38	28 40 5	17 5 52	3 28	9 5	8 29 24	45 2	56 22	13	0 20	4 26	1 55	18 38	0 14	1 17	1 16	22 44	3 25	1 3	1 5	13 51	9 12	0 48
S 23	1 2	28 20 5	11 5 29	3 24	8 47	8 25 24	41 2	54 22	14	0 20	4 23	1 55	18 39	0 14	1 16	1 16	22 43	3 25	1 3	1 7	13 54	9 13	0 48
M24	1 26	26 29 4	50 5 3	3 17	8 28	8 20 24	36 2	52 22	15	0 20	4 20	1 56	18 39	0 13	1 15	1 16	22 43	3 26	1 2	1 8	13 57	9 14	0 47
T 25	1 49	23 9 4	12 4 35	3 9	8 8	8 15 2 4	32 2	51 22	16	0 20	4 18	1 56	18 40	0 13	1 14	1 16	22 43	3 26	1 2	1 9	14 0	9 16	0 47
W26	2 13	18 26 3	20 4 5	2 59	7 47	8 8 24	28 2	49 22	17	0 19	4 15	1 56	18 41	0 13	1 14	1 16	22 43	3 26	1 2	1 10	14 3	9 17	0 47
T 27	2 37	12 35 2	13 3 34	1 2 48	7 26	8 1 24	23 2	48 22	18	0 19	4 12	1 56	18 41	0 13	1 13	1 16	22 43	3 26	1 2	1 12	14 6	9 18	0 47
F 28	3 0		56 3 2			7 53 24		46 22		0 19	4 9	1 56			1 12	1 16		3 26	1 1	1 13		9 19	0 47
S 29	3 23	1n15 On	2 30	2 22	6 44	7 44 24	14 2	44 22	20	0 19	4 6	1 56	18 42	0 13	1 11	1 16	22 43	3 26	1 1	1 14	14 12	9 21	0 47
S 30	3 47	8 25 1	48 1 59	2 8	6 22	7 35 24	10 2	43 22	21	0 19	4 4	1 56	18 43	0 13	1 10	1 16	22 43	3 27	1 2	1 15	14 15	9 22	0 47
M31	4n10	15n 8 3n	n 2 1n28	3 1n52	6n 0	7n25 24	n 5 21	41 22	2n23	0s19	4s 1	1 s56	18n44	0s13	1s 9	1 s16	$22\mathrm{s}43$	3 s27	1 s 2	1 s17	14s18	9n23	0n47

Julian Day Number = 2460735.5, Delta T = 68.98 sec Ecliptic obliquity = 23°26'19, Nutation = 0°00'01, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 25°05'31, Lahiri = 24°12'31

APRIL 2025 00:00 UT

AI IX	L LUL	,													00.0	0 0.
Day	Sid.t	0	D	ğ	Q.	♂	4	ħ)Å(¥	В	n	v	Ç	ę,	Day
T 1	12 38 26	11 Y 30'53	17 8 23	28°R45	27°R32	23936	15 II 59	24) 29	24845	0 Υ 3	3≈33	27°R22	26) 44	0 M _33	22 Υ 18	T 1
W 2	12 42 22	12°30'06	2 Ⅱ 11	28 米 12	27 米 5	23°56	16° 8	24°37	24°48	0° 6	3°34	27 米 21	26°41	0°40	22°22	W 2
T 3	12 46 19	13°29'18	16°38	27°45	26°40	24°16	16°17	24°44	24°51	0° 8	3°35	27°19	26°38	0°47	22°25	T 3
F 4	12 50 16	14°28'27	09340	27°23	26°17	24°36	16°27	24°51	24°54	0°10	3°36	27°18	26°34	0°53	22°29	F 4
S 5	12 54 12	15°27'33	14°18	27° 6	25°56	24°57	16°37	24°58	24°57	0°12	3°37	27°D17	26°31	1° 0	22°32	S 5
S 6	12 58 9	16°26'38	27°31	26°55	25°38	25°19	16°47	25° 5	25° 0	0°14	3°38	27°18	26°28	1° 7	22°36	S 6
M 7	13 2 5	17°25'40	$10\Omega 24$	26°D50	25°22	25°40	16°56	25°12	25° 2	0°17	3°38	27°19	26°25	1°13	22°39	M 7
T 8	13 6 2	18°24'40	22°57	26°50	25° 8	26° 2	17° 7	25°19	25° 5	0°19	3°39	27°20	26°22	1°20	22°43	T 8
W 9	13 9 58	19°23'37	5 m 17	26°56	24°57	26°24	17°17	25°26	25° 8	0°21	3°40	27°22	26°18	1°27	22°46	W 9
T 10	13 13 55	20°22'32	17°25	27° 7	24°49	26°46	17°27	25°33	25°11	0°23	3°41	27°23	26°15	1°33	22°50	T 10
F 11	13 17 51	21°21'25	29°24	27°22	24°43	27° 9	17°37	25°40	25°14	0°25	3°41	27°R23	26°12	1°40	22°54	F 11
S 12	13 21 48	22°20'16	11 ≏ 18	27°43	24°39	27°32	17°48	25°47	25°17	0°28	3°42	27°22	26° 9	1°47	22°57	S 12
S 13	13 25 45	23°19'05	23° 9	28° 8	24°D37	27°55	17°58	25°54	25°20	0°30	3°42	27°20	26° 6	1°53	23° 1	S 13
M14	13 29 41	24°17'52	4M59	28°38	24°39	28°19	18° 9	26° 1	25°24	0°32	3°43	27°17	26° 3	2° 0	23° 4	M14
T 15	13 33 38	25°16'37	16°49	29°11	24°42	28°43	18°19	26° 8	25°27	0°34	3°44	27°12	25°59	2° 7	23° 8	T 15
W16	13 37 34	26°15'20	28°42	29°49	24°48	29° 7	18°30	26°14	25°30	0°36	3°44	27° 7	25°56	2°13	23°11	W16
T 17	13 41 31	27°14'02	10 × 740	0 Υ 31	24°56	29°31	18°41	26°21	25°33	0°38	3°45	27° 2	25°53	2°20	23°15	T 17
F 18	13 45 27	28°12'41	22°46	1°16	25° 6	29°56	18°52	26°28	25°36	0°40	3°45	26°57	25°50	2°27	23°19	F 18
S 19	13 49 24	29°11'19	5중 2	2° 5	25°18	0 Ω 20	19° 3	26°34	25°39	0°42	3°46	26°54	25°47	2°33	23°22	S 19
S 20	13 53 20	0 8 9'56	17°33	2°57	25°33	0°45	19°14	26°41	25°43	0°44	3°46	26°51	25°44	2°40	23°26	S 20
M21	13 57 17	1° 8'30	0≈21	3°52	25°49	1°11	19°26	26°48	25°46	0°46	3°46	26°D51	25°40	2°47	23°29	M21
T 22	14 1 14	2° 7'03	13°30	4°50	26° 7	1°36	19°37	26°54	25°49	0°48	3°47	26°51	25°37	2°53	23°33	T 22
W23	14 5 10	3° 5'35	27° 3	5°51	26°28	2° 2	19°48	27° 1	25°52	0°50	3°47	26°52	25°34	3° 0	23°36	W23
T 24	14 9 7	4° 4'04	11 米 3	6°55	26°50	2°28	20° 0	27° 7	25°56	0°52	3°48	26°54	25°31	3° 7	23°40	T 24
F 25	14 13 3	5° 2'32	25°28	8° 1	27°13	2°54	20°11	27°14	25°59	0°54	3°48	26°R55	25°28	3°13	23°43	F 25
S 26	14 17 0	6° 0'59	10 ℃ 17	9°10	27°39	3°20	20°23	27°20	26° 2	0°56	3°48	26°54	25°24	3°20	23°47	S 26
S 27	14 20 56	6°59'23	25°23	10°22	28° 6	3°47	20°35	27°26	26° 6	0°58	3°48	26°52	25°21	3°27	23°50	S 27
M28	14 24 53	7°57'47	10838	11°36	28°35	4°14	20°46	27°32	26° 9	1° 0	3°48	26°47	25°18	3°33	23°54	M28
T 29	14 28 49	8°56'08	25°51	12°52	29° 5	4°41	20°58	27°39	26°12	1° 2	3°49	26°41	25°15	3°40	23°57	T 29
W30	14 32 46	9 8 54'27	10 Ⅱ 53	14 Y 10	29 米 36	5 N 8	21 I I10	27) 45	26816	1 Υ 4	3≈49	26 米 35	25) 12	3 M .47	24 ° 1	W30

Day	0	D	ğ	·	ď	4		ħ	<u> </u>)	ł(并		Р		n	Ω	Ç	ď	
	decl	decl lat	decl lat	decl lat	lecl lat	decl	lat	decl	lat	decl	lat	decl la	ıt	decl l	lat	decl	decl	decl	decl	lat
T 1	4n33	20n54 4n 3	0n59 1n37	5n39 7n14 24	n 0 2n40	22n24	0s18	3 s58	1 s 5 6	18n44	0s13	1 s 8	1 s16	22 s43	3 s27	1 s 3	1 s 1 8	14 s21	9n24	0n47
W 2	4 56	25 16 4 46	0 31 1 21	5 18 7 3 23	55 2 38	22 25	0 18	3 55	1 56	18 45	0 13	1 7	1 16	22 43	3 27	1 3	1 19	14 24	9 26	0 47
T 3	5 19	27 55 5 11	0 6 1 5	4 57 6 51 23	50 2 3	22 26	0 18	3 52	1 56	18 46	0 13	1 7	1 16	22 43	3 27	1 4	1 20	14 27	9 27	0 47
F 4	5 42	28 42 5 16	0s18 0 49	4 37 6 39 23	45 2 35	22 27	0 18	3 50	1 56	18 47	0 13	1 6	1 16	22 43	3 28	1 5	1 22	14 30	9 28	0 47
S 5	6 5	27 41 5 2	0 39 0 33	4 18 6 26 23	40 2 34	22 28	0 18	3 47	1 57	18 47	0 13	1 5	1 16	22 43	3 28	1 5	1 23	14 33	9 29	0 47
S 6	6 28	25 7 4 33	0 57 0 18	3 59 6 13 23	34 2 32	22 29	0 18	3 44	1 57	18 48	0 13	1 4	1 16	22 43	3 28	1 5	1 24	14 36	9 31	0 46
M 7	6 51	21 20 3 51	1 13 0 3	3 40 6 0 23	29 2 3	22 30	0 18	3 42	1 57	18 49	0 13	1 3	1 16	22 43	3 28	1 4	1 26	14 39	9 32	0 46
T 8	7 13	16 41 2 59	1 26 0s12	3 23 5 47 23	23 2 30	22 32	0 17	3 39	1 57	18 49	0 13	1 2	1 16	22 43	3 28	1 4	1 27	14 42	9 33	0 46
W 9	7 35	11 25 1 59	1 37 0 26	3 6 5 34 23	18 2 28	3 22 33	0 17	3 36	1 57	18 50	0 13	1 1	1 16	22 43	3 28	1 3	1 28	14 45	9 34	0 46
T 10	7 58	5 49 0 55	1 45 0 40			22 34	0 17	3 34	1 57	18 51	0 13		1 16	22 43	3 29	1 3	1 29	14 48	9 36	0 46
F 11	8 20	0 4 0s11	1 51 0 53			22 35	0 17	3 31	1 57	18 52	0 13	1 0	1 16	22 43	3 29	1 2	1 31	14 51	9 37	0 46
S 12	8 42	5 s 3 8 1 1 6	1 54 1 5	2 22 4 53 23	0 2 24	22 36	0 17	3 28	1 57	18 52	0 13	0 59	1 16	22 43	3 29	1 3	1 32	14 54	9 38	0 46
S 13	9 4	11 7 2 17	1 55 1 17	2 9 4 40 22	54 2 23	22 37	0 17	3 26	1 57	18 53	0 13	0 58	1 16	22 43	3 29	1 4	1 33	14 57	9 39	0 46
M14	9 25	16 11 3 12	1 53 1 28	1 57 4 26 22	48 2 2	22 38	0 17	3 23	1 58	18 54	0 13	0 57	1 16	22 43	3 29	1 5	1 34	15 0	9 41	0 46
T 15	9 47	20 40 3 59	1 49 1 38	1 46 4 13 22	42 2 20	22 39	0 16	3 20	1 58	18 55	0 13	0 56	1 16	22 43	3 30	1 7	1 36	15 3	9 42	0 46
W16	10 8	24 20 4 35	1 43 1 47	1 36 4 0 22	36 2 18	22 40	0 16	3 18	1 58	18 55	0 13	0 56	1 16	22 43	3 30	1 9	1 37	15 6	9 43	0 46
T 17	10 29	26 59 5 0	1 35 1 56	1 27 3 47 22	29 2 17	22 41	0 16	3 15	1 58	18 56	0 13	0 55	1 16	22 43	3 30	1 11	1 38	15 9	9 44	0 46
F 18	10 50	28 25 5 11	1 24 2 5	1 19 3 34 22	23 2 10	22 42	0 16	3 13	1 58	18 57	0 13	0 54	1 16	22 43	3 30	1 13	1 39	15 12	9 46	0 46
S 19	11 11	28 29 5 9	1 12 2 12	1 13 3 21 22	16 2 15	22 43	0 16	3 10	1 58	18 58	0 13	0 53	1 16	22 43	3 30	1 14	1 41	15 15	9 47	0 46
S 20	11 32	27 7 4 52	0 57 2 19	1 7 3 9 22	9 2 13	22 44	0 16	3 8	1 58	18 58	0 13	0 52	1 16	22 43	3 30	1 15	1 42	15 18	9 48	0 46
M21	11 52	24 19 4 21	0 41 2 25			22 46	0 16	3 5	1 59	18 59	0 13	0 52	1 16	22 43	3 31	1 15	1 43	15 21	9 49	0 45
T 22	-	20 12 3 35	0 23 2 31	0 58 2 44 21		22 47	0 15	3 3	1 59	19 0	0 13	0 51	1 16	22 43	3 31	1 15	1 44	15 24	9 51	0 45
W23		14 56 2 36	0 4 2 36			22 48	0 15	3 0	1 59		0 13	0 50	1 16	22 43	3 31	1 15	1 46	15 27	9 52	0 45
T 24	12 52	8 44 1 25	0n18 2 40	0 53 2 21 21			0 15	2 58	1 59		0 13	0 49	1 16	22 43	3 31	1 14	1 47	15 30	9 53	0 45
F 25	13 12	1 55 0 8	0 40 2 44		34 2		0 15	2 55			0 13	0 49	1 16	22 43	3 31	1 14	1 48	15 33	9 55	0 45
S 26	13 32	5n11 1n12	1 5 2 47	0 52 1 58 21	27 2 0	22 51	0 15	2 53	1 59	19 3	0 13	0 48	1 16	22 44	3 32	1 14	1 50	15 36	9 56	0 45
S 27	13 51	12 7 2 28	1 31 2 49	0 53 1 47 21	19 2 5	22 51	0 15	2 51	1 59	19 4	0 13	0 47	1 16	22 44	3 32	1 15	1 51	15 39	9 57	0 45
M28	14 10	18 25 3 35	1 58 2 51	0 54 1 36 21	12 2 3	22 52	0 15	2 48	2 0	19 5	0 13	0 46	1 17	22 44	3 32	1 17	1 52	15 42	9 58	0 45
T 29	14 29	23 31 4 26	2 26 2 52	0 57 1 26 21	4 2 2	22 53	0 15	2 46	2 0	19 6	0 13	0 46	1 17	22 44	3 32	1 19	1 53	15 45	9 59	0 45
W30	14n47	26n59 4n58	2n56 2s53	1n 0 1n16 20	n56 2n	22n54	0 s14	2 s44	2s 0	19n 6	0s13	0 s45	1 s17	22 s44	$3\mathrm{s}32$	1 s22	1 s55	15 s48	10n 1	0n45

 $\label{eq:Julian Day Number = 2460766.5, Delta T = 68.98 sec} \\ Ecliptic obliquity = 23°26'19, Nutation = 0°00'00, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 25°05'35, Lahiri = 24°12'35 \\ \\$

MAY 2025 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ)∤(卉	Р	₽.	v	Ç	Ŷ,	Day
T 1	14 36 43	10852'45	25 Ⅱ 34	15 Y 31	0Υ 9	5 Ω 36	21 II 22	27) (51	26819	1 Υ 6	3≈49	26°R29	25 米 9	3 M .53	24 Y 4	T 1
F 2	14 40 39	11°51'00	99549	16°54	0°44	6° 3	21°34	27°57	26°22	1°8	3°49	26 米 23	25° 5	4° 0	24° 8	F 2
S 3	14 44 36	12°49'14	23°35	18°18	1°19	6°31	21°46	28° 3	26°26	1° 9	3°49	26°20	25° 2	4° 7	24°11	S 3
S 4	14 48 32	13°47'25	6Ω52	19°45	1°56	6°59	21°59	28° 9	26°29	1°11	3°49	26°18	24°59	4°13	24°15	S 4
M 5	14 52 29	14°45'35	19°44	21°14	2°34	7°27	22°11	28°15	26°33	1°13	3°R49	26°D18	24°56	4°20	24°18	M 5
T 6	14 56 25	15°43'42	2 mp 14	22°45	3°13	7°55	22°23	28°21	26°36	1°15	3°49	26°19	24°53	4°27	24°21	T 6
W 7	15 0 22	16°41'48	14°27	24°18	3°53	8°24	22°35	28°26	26°40	1°16	3°49	26°20	24°50	4°33	24°25	W 7
T 8	15 4 18	17°39'51	26°28	25°53	4°34	8°53	22°48	28°32	26°43	1°18	3°49	26°R21	24°46	4°40	24°28	T 8
F 9	15 8 15	18°37'53	8 ₽ 21	27°30	5°17	9°21	23° 0	28°38	26°47	1°20	3°49	26°20	24°43	4°47	24°31	F 9
S 10	15 12 12	19°35'53	20°11	29° 9	6° 0	9°50	23°13	28°43	26°50	1°22	3°49	26°17	24°40	4°53	24°35	S 10
S 11	15 16 8	20°33'51	1 M .59	0 8 50	6°44	10°20	23°26	28°49	26°53	1°23	3°49	26°12	24°37	5° 0	24°38	S 11
M12	15 20 5	21°31'47	13°49	2°32	7°29	10°49	23°38	28°54	26°57	1°25	3°48	26° 4	24°34	5° 7	24°41	M12
T 13	15 24 1	22°29'42	25°43	4°17	8°15	11°18	23°51	29° 0	27° 0	1°26	3°48	25°55	24°30	5°13	24°45	T 13
W14	15 27 58	23°27'36	7 . ₹43	6° 4	9° 2	11°48	24° 4	29° 5	27° 4	1°28	3°48	25°44	24°27	5°20	24°48	W14
T 15	15 31 54	24°25'28	19°50	7°53	9°49	12°18	24°16	29°10	27° 7	1°30	3°48	25°33	24°24	5°27	24°51	T 15
F 16	15 35 51	25°23'19	2 る 4	9°44	10°38	12°48	24°29	29°16	27°11	1°31	3°47	25°23	24°21	5°34	24°54	F 16
S 17	15 39 47	26°21'09	14°29	11°37	11°27	13°18	24°42	29°21	27°14	1°33	3°47	25°15	24°18	5°40	24°57	S 17
S 18	15 43 44	27°18'57	27° 5	13°31	12°17	13°48	24°55	29°26	27°18	1°34	3°47	25° 8	24°15	5°47	25° 1	S 18
M19	15 47 41	28°16'44	9≈56	15°28	13° 7	14°18	25° 8	29°31	27°21	1°36	3°46	25° 5	24°11	5°54	25° 4	M19
T 20	15 51 37	29°14'30	23° 3	17°27	13°58	14°48	25°21	29°36	27°25	1°37	3°46	25° 3	24° 8	6° 0	25° 7	T 20
W21	15 55 34	0 Ⅲ 12'15	6) €30	19°27	14°50	15°19	25°34	29°41	27°28	1°38	3°45	25°D 3	24° 5	6° 7	25°10	W21
T 22	15 59 30	1° 9'58	20°19	21°29	15°43	15°50	25°47	29°45	27°32	1°40	3°45	25°R 3	24° 2	6°14	25°13	T 22
F 23	16 3 27	2° 7'41	4 Υ 31	23°33	16°36	16°20	26° 0	29°50	27°35	1°41	3°44	25° 3	23°59	6°20	25°16	F 23
S 24	16 7 23	3° 5'23	19° 6	25°39	17°29	16°51	26°13	29°55	27°39	1°42	3°44	25° 1	23°56	6°27	25°19	S 24
S 25	16 11 20	4° 3'03	3 8 58	27°46	18°23	17°23	26°27	29°59	27°42	1°44	3°43	24°57	23°52	6°34	25°22	S 25
M26	16 15 16	5° 0'43	19° 3	29°55	19°18	17°54	26°40	0 Υ 4	27°46	1°45	3°43	24°50	23°49	6°40	25°25	M26
T 27	16 19 13	5°58'22	4 Ⅱ 11	2 I I 4	20°13	18°25	26°53	0° 8	27°49	1°46	3°42	24°41	23°46	6°47	25°28	T 27
W28	16 23 10	6°55'59	19°12	4°15	21° 9	18°57	27° 6	0°13	27°53	1°47	3°42	24°30	23°43	6°54	25°31	W28
T 29	16 27 6	7°53'36	3956	6°26	22° 5	19°28	27°20	0°17	27°56	1°49	3°41	24°20	23°40	7° 0	25°34	T 29
F 30	16 31 3	8°51'11	18°16	8°38	23° 1	20° 0	27°33	0°21	28° 0	1°50	3°40	24°11	23°36	7° 7	25°36	F 30
S 31	16 34 59	9 Ⅱ 48'44	2 N 7	10 Ⅱ 50	23 Y 58	20€32	27 ∏ 47	0 Υ 25	28 8 3	1 Y 51	3 ≈ 40	24) 4	23 ∺ 33	7 M .14	25 Ƴ 39	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 dec	decl lat
T 1 F 2 S 3	15n 5 15 23 15 41	28 4 5 1	3 59 2 52	2 1 9 0 56	20 40 1 59	22n55 0s14 22 56 0 14 22 57 0 14	2 s42 2 s 0 2 39 2 0 2 37 2 0		0 43 1 17	22 s44 3 s32 22 44 3 33 22 45 3 33	1 26	1 s56 15 s5 1 57 15 54 1 58 15 57	1 10 3 0 45
S 4 M 5 T 6 W 7 T 8 F 9	15 59 16 16 16 33 16 50 17 6 17 22	17 49 3 5 12 39 2 6 7 6 1 4 1 24 0s 1	5 42 2 47 6 19 2 44 6 56 2 41 7 34 2 37	7 1 27 0 28 4 1 35 0 20 1 1 43 0 11 7 1 52 0 3	20 16 1 55 20 7 1 54 19 59 1 53 19 50 1 52	22 58 0 14 22 59 0 14 23 0 0 14 23 0 0 14 23 1 0 13 23 2 0 13		19 10 0 13 19 10 0 13 19 11 0 13 19 12 0 13 19 13 0 13 19 14 0 13	0 41 1 17 0 41 1 17 0 40 1 17 0 39 1 17	22 45 3 33 22 45 3 34	1 28 1 28 1 27 1 27	2 1 16 3 2 2 16 3 2 3 16 3 2 5 16 1	
S 10 S 11 M12 T 13 W14 T 15 F 16	17 38 17 53 18 9 18 24 18 38 18 53	9 48 2 5 14 58 2 59 19 35 3 46 23 27 4 23 26 21 4 49	9 33 2 22 10 14 2 16 10 55 2 9 11 37 2 2 12 20 1 55	7 2 11 0 13 2 2 22 0 20 6 2 33 0 27 9 2 45 0 35 2 2 57 0 41 5 3 9 0 48	19 32	23 3 0 13 23 3 0 13 23 4 0 13 23 5 0 13 23 6 0 13 23 6 0 13	2 22 2 2 2 20 2 2 2 18 2 2 2 16 2 2 2 14 2 2 2 12 2 3	19 14 0 13 19 15 0 13 19 16 0 13 19 17 0 13 19 18 0 13	0 38 1 17	22 46 3 34 22 46 3 35 22 47 3 35 22 47 3 35 22 47 3 35	1 29 1 31 1 34 1 38 1 42 1 46	2 7 16 1° 2 8 16 20 2 10 16 20 2 11 16 20 2 12 16 29	7 10 13 0 44 0 10 14 0 44 8 10 15 0 44 6 10 16 0 44 0 10 17 0 44 2 10 18 0 44
S 17 S 18 M19 T 20 W21 T 22 F 23 S 24		24 58 4 19 21 14 3 36 16 23 2 42 10 38 1 37 4 13 0 25 2n34 0n50	15 54 1 11 16 37 1 1 17 19 0 51	0 3 50 1 6 0 4 4 1 12 1 4 19 1 18 1 4 34 1 23 1 4 50 1 28 1 5 5 1 33	18 18 1 41 18 8 1 40 17 58 1 39 17 48 1 38 17 38 1 37 17 28 1 36		2 7 2 3 2 5 2 3 2 3 2 4 2 1 2 4 2 0 2 4 1 58 2 4	19 22 0 13 19 22 0 13 19 23 0 13 19 24 0 13	0 33 1 17 0 33 1 17 0 32 1 17 0 32 1 17 0 31 1 17 0 31 1 17	22 48 3 36 22 49 3 36 22 49 3 36	1 56 1 57 1 58 1 58 1 58 1 58	2 16 16 3° 2 17 16 44 2 18 16 4. 2 20 16 46 2 21 16 49 2 22 16 52 2 23 16 54 2 25 16 5°	0 10 22 0 44 8 10 23 0 44 6 10 24 0 44 0 10 25 0 44 2 10 26 0 44 4 10 27 0 44
T 29 F 30	21 8 21 18 21 28 21 37 21 47	21 25 4 6 25 37 4 43 27 59 5 1 28 20 4 58 26 45 4 36	19 20 0 20 19 59 0 9 20 36 0n 1 21 11 0 12 21 45 0 22 22 17 0 33 22n46 0n42	0 5 54 1 47 6 11 1 51 2 6 28 1 55 2 6 46 1 59 3 7 3 2 2	16 56 1 33 16 46 1 32 16 35 1 31 16 24 1 30 16 13 1 29	23 12 0 11 23 12 0 11 23 13 0 11 23 13 0 11 23 14 0 11 23 14 0 11 23 14 0 s11	1 52 2 5 1 50 2 5 1 49 2 6 1 47 2 6	19 27 0 13 19 28 0 13 19 29 0 13 19 30 0 13	0 30 1 18 0 29 1 18 0 29 1 18 0 29 1 18 0 28 1 18 0 28 1 18	22 50 3 37 22 50 3 37 22 50 3 37 22 51 3 37 22 51 3 38 22 51 3 38 22 51 3 38 22 52 3 338	2 3 2 7 2 11 2 15 2 19	2 27 17 3 2 29 17 6	1 10 34 0 43

Julian Day Number = 2460796.5, Delta T = 68.97 sec Ecliptic obliquity = 23°26'19, Nutation = 0°00'00, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 25°05'39, Lahiri = 24°12'39

JUNE 2025 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂	4	ħ)Å(卉	Р	ß	Ω	Ç	Ŷ,	Day
S 1	16 38 56	10 Ⅱ 46'17	15 Ω 30	13 II 2	24Υ56	21& 3	28Ⅲ 0	0 Υ 29	28 8 7	1Υ52	3°R39	23°R59	23) (30	7 M 20	25 Y 42	S 1
M 2	16 42 52	11°43'47	28°25	15°14	25°53	21°36	28°13	0°33	28°10	1°53	3≈38	23 米 57	23°27	7°27	25°45	M 2
T 3	16 46 49	12°41'17	10 m 57	17°25	26°52	22° 8	28°27	0°37	28°13	1°54	3°38	23°D57	23°24	7°34	25°47	T 3
W 4	16 50 46	13°38'45	23°10	19°35	27°50	22°40	28°40	0°41	28°17	1°55	3°37	23°R57	23°21	7°40	25°50	W 4
T 5	16 54 42	14°36'12	5 ₽ 10	21°44	28°49	23°12	28°54	0°44	28°20	1°56	3°36	23°56	23°17	7°47	25°53	T 5
F 6	16 58 39	15°33'38	17° 1	23°52	29°48	23°45	29° 7	0°48	28°24	1°57	3°35	23°54	23°14	7°54	25°55	F 6
S 7	17 2 35	16°31'03	28°50	25°58	0 8 48	24°17	29°21	0°52	28°27	1°58	3°34	23°50	23°11	8° 1	25°58	S 7
S 8	17 632	17°28'27	10 M .39	28° 3	1°48	24°50	29°35	0°55	28°30	1°59	3°33	23°44	23° 8	8° 7	26° 0	S 8
M 9	17 10 28	18°25'50	22°33	0	2°48	25°23	29°48	0°58	28°34	2° 0	3°33	23°34	23° 5	8°14	26° 3	M 9
T 10	17 14 25	19°23'11	4 ₹ 33	2° 6	3°49	25°55	0	1° 2	28°37	2° 0	3°32	23°22	23° 2	8°21	26° 5	T 10
W11	17 18 21	20°20'33	16°42	4° 4	4°50	26°28	0°15	1° 5	28°40	2° 1	3°31	23° 9	22°58	8°27	26° 8	W11
T 12	17 22 18	21°17'53	29° 1	6° 1	5°51	27° 1	0°29	1° 8	28°44	2° 2	3°30	22°56	22°55	8°34	26°10	T 12
F 13	17 26 15	22°15'12	11 る 29	7°55	6°52	27°35	0°43	1°11	28°47	2° 3	3°29	22°43	22°52	8°41	26°12	F 13
S 14	17 30 11	23°12'31	24° 8	9°46	7°54	28° 8	0°56	1°14	28°50	2° 3	3°28	22°33	22°49	8°47	26°15	S 14
S 15	17 34 8	24° 9'50	6≈58	11°36	8°56	28°41	1°10	1°17	28°53	2° 4	3°27	22°24	22°46	8°54	26°17	S 15
M16	17 38 4	25° 7'08	20° 0	13°22	9°58	29°14	1°24	1°19	28°57	2° 5	3°26	22°19	22°42	9° 1	26°19	M16
T 17	17 42 1	26° 4'25	3) 15	15° 7	11° 1	29°48	1°37	1°22	29° 0	2° 5	3°25	22°16	22°39	9° 7	26°21	T 17
W18	17 45 57	27° 1'43	16°45	16°49	12° 4	0 m) 22	1°51	1°24	29° 3	2° 6	3°24	22°16	22°36	9°14	26°23	W18
T 19	17 49 54	27°58'59	0 Υ 30	18°29	13° 7	0°55	2° 5	1°27	29° 6	2° 6	3°23	22°16	22°33	9°21	26°25	T 19
F 20	17 53 50	28°56'16	14°33	20° 6	14°10	1°29	2°18	1°29	29° 9	2° 7	3°22	22°15	22°30	9°27	26°27	F 20
S 21	17 57 47	29°53'33	28°52	21°41	15°14	2° 3	2°32	1°31	29°12	2° 7	3°20	22°13	22°27	9°34	26°29	S 21
S 22	18 1 44	0950'49	13826	23°13	16°17	2°37	2°46	1°34	29°16	2° 8	3°19	22° 8	22°23	9°41	26°31	S 22
M23	18 5 40	1°48'06	28°11	24°43	17°21	3°11	2°59	1°36	29°19	2°8	3°18	22° 1	22°20	9°48	26°33	M23
T 24	18 9 37	2°45'22	12耳59	26°10	18°26	3°45	3°13	1°38	29°22	2° 9	3°17	21°52	22°17	9°54	26°35	T 24
W25	18 13 33	3°42'38	27°43	27°34	19°30	4°19	3°27	1°39	29°25	2° 9	3°16	21°41	22°14	10° 1	26°37	W25
T 26	18 17 30	4°39'54	129915	28°56	20°35	4°53	3°41	1°41	29°28	2° 9	3°15	21°30	22°11	10° 8	26°39	T 26
F 27	18 21 26	5°37'09	26°27	0Ω16	21°39	5°28	3°54	1°43	29°31	2°10	3°13	21°20	22° 8	10°14	26°40	F 27
S 28	18 25 23	6°34'24	10 Ω 16	1°33	22°44	6° 2	4° 8	1°44	29°34	2°10	3°12	21°12	22° 4	10°21	26°42	S 28
S 29	18 29 19	7°31'38	23°38	2°47	23°49	6°37	4°22	1°46	29°37	2°10	3°11	21° 7	22° 1	10°28	26°44	S 29
M30	18 33 16	8928'52	6 m 34	3 Ω 58	24 8 55	7 m) 11	4935	1 Y 47	29 8 40	2 Υ 10	3≈10	21 米 5	21 米 58	10 M .34	26 Y 45	M30

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	decl	decl lat	decl	lat	decl lat	decl la	ıt	decl	lat	decl	lat	decl	lat	decl lat	decl lat	decl	decl	decl	decl lat	
S 1	22n 4	19n12 3r	n 9 23n13	0n52	7n39 2s 9	15n51	1n27	23n15	0s11	1 s44		19n32	1	0s27 1s1	8 22 s52 3 s3	8 2 s23	2 s35	17 s20	10n36 0n4	43
M 2	22 12	14 4 2	11 23 38	1 1				23 15	0 11	1 43		19 33			8 22 52 3 3					- 1
T 3	22 19	8 31 1	8 24 (1 10	8 15 2 15	15 29	1 25	23 15	0 11	1 42	2 7	19 33	0 13	0 26 1 1	8 22 53 3 3	8 2 24	2 37	17 26		43
W 4	22 26	2 47 0	4 24 19	1 18	8 34 2 18			23 15	0 10	1 40	2 7		0 13	0 26 1 1			2 39			43
T 5	22 33		s59 24 36		8 52 2 20			23 16	0 10	1 39		19 35		0 26 1 1				17 31		-
F 6	22 39		59 24 50					23 16	0 10	1 38	2 8				8 22 54 3 3			17 34		43
S 7	22 45	13 45 2	53 25 1	1 39	9 29 2 25	14 42	1 22	23 16	0 10	1 37	2 8	19 37	0 13	0 25 1 1	8 22 54 3 3	9 2 27	2 42	17 37	10 42 0 4	43
S 8	22 51	18 30 3	40 25 9	1 44	9 48 2 27	14 31	1 21	23 16	0 10	1 36	2 8	19 37	0 13	0 25 1 1	8 22 55 3 3	9 2 29	2 44	17 39	10 43 0 4	43
M 9	22 56		18 25 15		0 6 2 29	14 19	1 20	23 16	0 10	1 35	2 8	19 38	0 13	0 24 1 1	8 22 55 3 3	9 2 33	-	17 42	-	43
1	23 1		44 25 18		0 25 2 31			23 16	0 10	1 34	2 9	19 39			8 22 55 3 4			17 45		
W11	23 5	27 43 4	58 25 19	1 56 1	0 44 2 33	13 55	1 18	23 17	0 10	1 32	2 9	19 39	0 13	0 24 1 1	8 22 56 3 4	0 2 43	2 47	17 48	10 45 0 4	43
T 12	23 9		58 25 17					23 17	0 10	1 31	2 9		0 13	0 23 1 1		0 2 48	-			-
_	23 13	27 40 4	44 25 12	2 0 1				23 17	0 10	1 31	2 9	19 41	0 13	0 23 1 1	8 22 56 3 4	0 2 53		17 53		43
S 14	23 16	25 29 4	16 25 6	2 1 1	1 40 2 37	13 18	1 15	23 17	0 9	1 30	2 10	19 42	0 13	0 23 1 1	9 22 57 3 4	0 2 58	2 51	17 56	10 48 0 4	43
S 15	23 19	21 59 3	35 24 57	2 2 1	1 59 2 38	13 6	1 14	23 17	0 9	1 29	2 10	19 42	0 13	0 23 1 1	9 22 57 3 4	0 3 1	2 52	17 59	10 48 0 4	43
M16	23 21	17 22 2	41 24 47	2 1 1	2 18 2 39	12 53	1 14	23 17	0 9	1 28	2 10	19 43	0 13	0 23 1 1	9 22 58 3 4	1 3 3	2 54	18 2	10 49 0 4	43
T 17	23 23		39 24 34		2 36 2 39			23 17	0 9	1 27	2 10			0 22 1 1		1 3 4	2 55		10 50 0 4	43
	23 24	5 41 0	29 24 20	1 58 1				23 17	0 9	1 26	2 11	19 44	0 13	0 22 1 1	9 22 58 3 4	1 3 4	2 56		10 51 0 4	43
1	23 25		n43 24 4					23 16	0 9	1 26	2 11	-			9 22 59 3 4	_		18 10		
1	23 26		55 23 47					23 16	0 9	1 25	2 11				9 22 59 3 4					-
S 21	23 26	13 53 3	1 23 28	1 48 1	3 50 2 41	11 49	1 9	23 16	0 9	1 24	2 11	19 47	0 13	0 22 1 1	9 23 0 3 4	1 3 5	3 0	18 15	10 53 0 4	43
S 22	23 26	19 37 3	56 23 9	1 44 1	4 8 2 41	11 36	1 8	23 16	0 9	1 24	2 12	19 47	0 13	0 22 1 1	9 23 0 3 4	1 3 7	3 1	18 18	10 54 0 4	43
M23	23 26	24 14 4	36 22 48	1 38 1	4 26 2 41	11 23	1 8	23 16	0 9	1 23	2 12	19 48	0 13	0 22 1 1	9 23 0 3 4	2 3 10	3 2	18 21	10 54 0 4	43
T 24	23 25	27 16 4	57 22 26	1 32 1	4 44 2 41	11 10	1 7	23 16	0 8	1 23	2 12	19 49	0 13	0 21 1 1	9 23 1 3 4	2 3 14	3 4	18 23	10 55 0 4	42
W25	23 23	28 24 4	59 22 3	1 26 1	5 1 2 41	10 57	1 6	23 15	0 8	1 22	2 13	19 49	0 13	0 21 1 1	9 23 1 3 4	2 3 18	3 5	18 26	10 55 0 4	42
T 26	23 21	27 33 4	42 21 39	1 19 1	5 18 2 41	10 44	1 5	23 15	0 8	1 22	2 13	19 50	0 13	0 21 1 1	9 23 2 3 4	2 3 22	3 6	18 29	10 56 0 4	42
F 27	23 19	24 54 4	7 21 15	1 11 1	5 36 2 40	10 30	1 4	23 15	0 8	1 21	2 13	19 50	0 13	0 21 1 1	9 23 2 3 4	2 3 26	3 7	18 32	10 57 0 4	42
S 28	23 17	20 51 3	18 20 50	1 3 1	5 53 2 40	10 17	1 3	23 14	0 8	1 21	2 13	19 51	0 13	0 21 1 1	9 23 2 3 4	2 3 29	3 9	18 34	10 57 0 4	42
S 29	23 13	15 51 2	20 20 25	0 54 1	6 9 2 39	10 3	1 2	23 14	0 8	1 20	2 14	19 52	0 13	0 21 1 1	9 23 3 3 4	2 3 31	3 10	18 37	10 58 0 4	42
M30	23n10	10n17 1r	n16 19n59	0n44 1	6n26 2s38	9n49	1n 2	23n14	0 s 8	1 s20	2s14	19n52	0s13	0 s 2 1 1 s 1	9 23 s 3 3 s4	3 s32	3 s11	18 s40	10n58 0n4	42

Julian Day Number = 2460827.5, Delta T = 68.96 sec Ecliptic obliquity = $23^{\circ}26'18$, Nutation = $0^{\circ}00'02$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $25^{\circ}05'43$, Lahiri = $24^{\circ}12'44$

JULY 2025 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂	4	ħ)ţ(并	В	R	Ω	Ç	ķ	Day
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T 1 W 2	18 37 13 18 41 9	9©26'06 10°23'19	19 m 8 1 Ω 23	5 Ω 6 6°12	26 8 0 27° 6	7 m)46 8°21	4 9 49 5°3	1 Ƴ 49 1°50	29 8 42 29°45	2 Υ 10 2°10	3°R 8 3 ≈ 7	21°D 4 21 ¥ 4	21 米 55 21°52	10 ጤ 41 10°48	26 Υ 47 26°48	T 1 W 2
$\begin{array}{c c} W & 2 \\ T & 3 \end{array}$	18 41 9	10°23°19 11°20'32	13°24	7°14	28°11	8°56	5°16	1°51	29°48	2°10 2°10		21 x 4	21°52 21°48	10°48 10°54	26°48 26°50	W 2 T 3
F 4	18 49 2	11°20'32 12°17'44	25°17	8°14	28°11 29°17	9°31	5°30	1°52	29°48 29°51	2°10	3° 6 3° 5	21°R 4	21°48 21°45	10°54 11° 1	26°51	F 4
S 5	18 52 59	12 1 / 44 13°14'56	7 m 7	9°10	0 Π 23	10° 6	5°44	1°53	29°54	2°R11	3° 3	21° 1	21°43	11° 8	26°53	S 5
3 3	16 32 39						-							_		5 3
S 6	18 56 55	14°12'08	18°59	10° 3	1°30	10°41	5°57	1°53	29°56	2°11	3° 2	20°56	21°39	11°14	26°54	S 6
M 7	19 0 52	15° 9'20	0 ∡ 757	10°52	2°36	11°16	6°11	1°54	29°59	2°10	3° 1	20°48	21°36	11°21	26°55	M 7
T 8	19 4 48	16° 6'32	13° 4	11°38	3°43	11°51	6°24	1°55	0 Π 2	2°10	2°59	20°39	21°33	11°28	26°56	T 8
W 9	19 8 45	17° 3'44	25°22	12°21	4°49	12°26	6°38	1°55	0° 4	2°10	2°58	20°28	21°29	11°35	26°57	W 9
T 10	19 12 42	18° 0'55	7 궁 54	12°59	5°56	13° 2	6°51	1°56	0° 7	2°10	2°57	20°17	21°26	11°41	26°59	T 10
F 11	19 16 38	18°58'07	20°39	13°34	7° 3	13°37	7° 5	1°56	0°10	2°10	2°55	20° 7	21°23	11°48	27° 0	F 11
S 12	19 20 35	19°55'19	3≈37	14° 4	8°10	14°13	7°19	1°56	0°12	2°10	2°54	19°58	21°20	11°55	27° 1	S 12
S 13	19 24 31	20°52'32	16°47	14°31	9°17	14°48	7°32	1°R56	0°15	2° 9	2°53	19°51	21°17	12° 1	27° 2	S 13
M14	19 28 28	21°49'44	0 ∀ 8	14°52	10°25	15°24	7°45	1°56	0°17	2° 9	2°51	19°47	21°14	12° 8	27° 2	M14
T 15	19 32 24	22°46'57	13°41	15°10	11°32	16° 0	7°59	1°56	0°20	2° 9	2°50	19°D46	21°10	12°15	27° 3	T 15
W16	19 36 21	23°44'11	27°23	15°23	12°40	16°36	8°12	1°56	0°22	2° 9	2°48	19°46	21° 7	12°21	27° 4	W16
T 17	19 40 18	24°41'25	11 Y 16	15°31	13°48	17°11	8°26	1°55	0°24	2° 8	2°47	19°47	21° 4	12°28	27° 5	T 17
F 18	19 44 14	25°38'40	25°18	15°R34	14°56	17°47	8°39	1°55	0°27	2° 8	2°46	19°R47	21° 1	12°35	27° 6	F 18
S 19	19 48 11	26°35'55	9 8 29	15°33	16° 4	18°23	8°52	1°54	0°29	2° 7	2°44	19°46	20°58	12°42	27° 6	S 19
S 20	19 52 7	27°33'12	23°48	15°27	17°12	18°59	9° 6	1°54	0°31	2° 7	2°43	19°44	20°54	12°48	27° 7	S 20
M21	19 56 4	28°30'29	8 I I11	15°15	18°20	19°36	9°19	1°53	0°33	2° 6	2°41	19°39	20°51	12°55	27° 7	M21
T 22	20 0 0	29°27'47	22°34	14°59	19°28	20°12	9°32	1°52	0°36	2° 6	2°40	19°33	20°48	13° 2	27° 8	T 22
W23	20 3 57	$0\Omega 25'06$	6953	14°39	20°37	20°48	9°46	1°51	0°38	2° 5	2°39	19°25	20°45	13° 8	27° 8	W23
T 24	20 7 53	1°22'25	21° 1	14°14	21°46	21°25	9°59	1°50	0°40	2° 5	2°37	19°17	20°42	13°15	27° 9	T 24
F 25	20 11 50	2°19'45	4Ω54	13°44	22°54	22° 1	10°12	1°49	0°42	2° 4	2°36	19°11	20°39	13°22	27° 9	F 25
S 26	20 15 47	3°17'06	18°28	13°11	24° 3	22°38	10°25	1°48	0°44	2° 3	2°34	19° 5	20°35	13°28	27° 9	S 26
S 27	20 19 43	4°14'27	1 m 40	12°34	25°12	23°14	10°38	1°46	0°46	2° 3	2°33	19° 2	20°32	13°35	27° 9	S 27
M28	20 23 40	5°11'49	14°32	11°55	26°21	23°51	10°51	1°45	0°48	2° 2	2°32	19°D 0	20°29	13°42	27°10	M28
T 29	20 27 36	6° 9'11	27° 4	11°13	27°30	24°27	11° 4	1°43	0°50	2° 1	2°30	19° 1	20°26	13°48	27°10	T 29
W30	20 31 33	7° 6'34	9 ₾ 19	10°29	28°39	25° 4	11°17	1°42	0°52	2° 1	2°29	19° 2	20°23	13°55	27°10	W30
T 31	20 35 29	8 0 3'57	21 ≏ 21	9 Ω 45	29 Ⅱ 49	25 m 41	119930	1 Y 40	0 Ⅱ 54	2 Υ 0	2≈27	19 米 3	20 ∺ 20	14 M 2	27°R10	T 31

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T 1 W 2 T 3 F 4 S 5	23n 6 23 2 22 57 22 52 22 47	1 s23 0 s55 7 4 1 56 12 26 2 51	5 19 7 0 5 18 40 0 18 14 0	0 24 16 58 0 13 17 14 0 2 17 29	2 s38 9n36 2 37 9 22 2 36 9 8 2 34 8 54 2 33 8 40	1 0 0 59 0 58	23n13 23 13 23 12 23 12 23 11	0s 8 0 8 0 8 0 7 0 7	1 s20 1 20 1 20 1 19 1 19	2 14 2 15 2 15	19n53 19 54 19 54 19 55 19 55	0 13 0 13 0 13	0 21 1 1 0 21 1 2 0 21 1 2		43 3 33 43 3 32 43 3 33	3 14 3 15 3 16	18 s42 18 45 18 48 18 50 18 53	10 59 11 0 11 0	0n42 0 42 0 42 0 42 0 42
S 6 M 7 T 8 W 9 T 10 F 11 S 12	22 35 22 28 22 21 22 14	25 0 4 45 27 20 5 0 28 23 5 2 28 1 4 49 26 10 4 22	5 16 57 0 16 32 0 2 16 7 1 0 15 43 1 2 15 20 1	0 35 18 13 0 48 18 27 1 1 18 41 1 15 18 55 1 29 19 8	2 32 8 26 2 30 8 12 2 29 7 58 2 27 7 44 2 25 7 30 2 24 7 15 2 22 7 1	0 56	23 9 23 8	0 7 0 7 0 7 0 7 0 7 0 7 0 7	1 19 1 19 1 19 1 19 1 19 1 20 1 20	2 16 2 16 2 16 2 17 2 17		0 13 0 13 0 13 0 13 0 13	0 21 1 2 0 21 1 2 0 21 1 2 0 22 1 2 0 22 1 2 0 22 1 2	0 23 6 3 0 23 7 3 0 23 7 3 0 23 8 3 0 23 8 3	43 3 39 44 3 42 44 3 47 44 3 51 44 3 55		19 4 19 6 19 9	11 2 11 2 11 2 11 3 11 3	0 42 0 42 0 42 0 42 0 42 0 42 0 42
S 12 S 13 M14 T 15 W16 T 17 F 18 S 19	21 49	18 27 2 47 13 2 1 43 6 55 0 33 0 25 0n41 6n11 1 53 12 33 2 59	7 14 37 1 3 14 17 2 3 13 58 2 13 40 2 3 13 24 2 0 13 10 3	1 57 19 32 2 12 19 44 2 26 19 56 2 40 20 6 2 55 20 17 3 9 20 27	2 22	0 52 0 51 0 51 0 50 0 49 0 48 0 47 0 47	23 7 23 6 23 5 23 5 23 4 23 3	0 7 0 7 0 6 0 6 0 6 0 6	1 20 1 20 1 21 1 21 1 21 1 22 1 22	2 17 2 18 2 18 2 18 2 19	20 0 20 0 20 1 20 1 20 2 20 2	0 13 0 13 0 13 0 13 0 13 0 13	0 22 1 2 0 22 1 2 0 22 1 2 0 22 1 2 0 23 1 2 0 23 1 2 2 0 23 1 2 2 0 23 1 2 2 0 23 1 2 2 0 23 1 2 2 0 2 2 0 2 2 0	0 23 9 3 0 23 9 3 0 23 10 3 0 23 10 3 0 23 11 3	44 4 1 44 4 3 44 4 3 44 4 3 44 4 3 45 4 3	3 27 3 29 3 30 3 31 3 32 3 34	19 14 19 17	11 4 11 4 11 4 11 5 11 5 11 5	0 42 0 42 0 42 0 42 0 42 0 42 0 42 0 42
S 20 M21 T 22 W23 T 24 F 25 S 26	19 51 19 38	26 37 5 1 28 20 5 6 28 8 4 53 26 6 4 21 22 31 3 35	12 37 3 5 12 30 4 6 12 25 4 12 22 4 6 12 22 4	3 49 20 54 4 1 21 3 4 12 21 10 4 22 21 17 4 32 21 24	2 4 5 4 2 2 4 49 1 59 4 34 1 56 4 19 1 54 4 4 1 51 3 49 1 48 3 34	0 44 0 43 0 42	23 1 23 0 22 59 22 58 22 57	0 6 0 6 0 6 0 6 0 6 0 6 0 5	1 23 1 23 1 24 1 24 1 25 1 26	2 20 2 20 2 20 2 21	20 4 20 4 20 5	0 13	0 23 1 2 0 24 1 2 0 24 1 2 0 24 1 2 0 25 1 2 0 25 1 2	0 23 12 3 0 23 13 3 1 23 13 3 1 23 14 3 1 23 14 3	45 4 11 45 4 14 45 4 17	3 37 3 39 3 40 3 41 3 42	19 37	11 6 11 6 11 6 11 6 11 6	0 42 0 42 0 42 0 41 0 41 0 41 0 41
S 27 M28 T 29 W30 T 31	19 12 18 58 18 44 18 30 18n15	6 28 0 24 0 30 0 s44 5 s21 1 48	12 32 4 12 40 4 12 50 4	4 52 21 41 4 56 21 45 4 58 21 49	1 46 3 18 1 43 3 3 1 40 2 48 1 37 2 33 1 s34 2n17	0 40 0 39 0 38	22 55 22 54 22 53 22 52 22n51	0 5 0 5 0 5 0 5 0 5	1 27 1 28 1 29 1 30 1 s31	2 21 2 22 2 22		0 13 0 13	0 25 1 2 0 26 1 2 0 26 1 2 0 26 1 2 0 27 1 s2	1 23 15 3 1 23 16 3 1 23 16 3	45 4 21 46 4 21	3 46 3 47 3 49	19 50 19 53 19 55 19 58 20s 0	11 6 11 6 11 6	0 41 0 41 0 41 0 41 0n41

 $\label{eq:Julian Day Number = 2460857.5, Delta T = 68.95 sec} \\ Ecliptic obliquity = 23°26'18, Nutation = 0°00'03, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 25°05'47, Lahiri = 24°12'48} \\$

AUGUST 2025 00:00 UT

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Day	Sid.t	0	D	ğ	φ	ď	4	ħ)∤(¥	Р	S.	v	Ç	ķ	Day
F 1	20 39 26	9₽ 1'21	3 M .15	9°R 0	0958	26 m /18	119543	1°R38	0Д55	1°R59	2°R26	19) 4	20) 16	14 M 9	27°R10	F 1
S 2	20 43 22	9°58'45	15° 7	8 N 16	2° 7	26°55	11°56	1 Y 36	0°57	1 Y 58	2≈24	19°R 4	20°13	14°15	27 Υ 10	S 2
S 3	20 47 19	10°56'10	27° 0	7°34	3°17	27°32	12° 8	1°34	0°59	1°57	2°23	19° 3	20°10	14°22	27° 9	S 3
M 4	20 51 16	11°53'36	9 × 7 1	6°53	4°27	28° 9	12°21	1°32	1° 0	1°56	2°22	19° 0	20° 7	14°29	27° 9	M 4
T 5	20 55 12	12°51'03	21°12	6°16	5°37	28°46	12°34	1°30	1° 2	1°55	2°20	18°56	20° 4	14°35	27° 9	T 5
W 6	20 59 9	13°48'30	3 る 37	5°43	6°46	29°24	12°46	1°28	1° 3	1°54	2°19	18°50	20° 0	14°42	27° 9	W 6
T 7	21 3 5	14°45'58	16°18	5°14	7°56	0요 1	12°59	1°26	1° 5	1°53	2°18	18°44	19°57	14°49	27° 8	T 7
F 8	21 7 2	15°43'27	29°17	4°51	9° 6	0°38	13°11	1°23	1° 6	1°52	2°16	18°39	19°54	14°55	27° 8	F 8
S 9	21 10 58	16°40'57	12 ≈ 34	4°33	10°17	1°16	13°24	1°21	1° 8	1°51	2°15	18°35	19°51	15° 2	27° 7	S 9
S 10	21 14 55	17°38'28	26° 6	4°21	11°27	1°53	13°36	1°18	1° 9	1°50	2°13	18°31	19°48	15° 9	27° 7	S 10
M11	21 18 51	18°36'00	9 ∺ 52	4°D15	12°37	2°31	13°49	1°15	1°11	1°49	2°12	18°30	19°45	15°16	27° 6	M11
T 12	21 22 48	19°33'33	23°49	4°17	13°48	3° 8	14° 1	1°12	1°12	1°48	2°11	18°D30	19°41	15°22	27° 6	T 12
W13	21 26 45	20°31'07	7 Y 55	4°25	14°58	3°46	14°13	1°10	1°13	1°47	2° 9	18°31	19°38	15°29	27° 5	W13
T 14	21 30 41	21°28'43	22° 5	4°40	16° 9	4°24	14°25	1° 7	1°14	1°46	2° 8	18°32	19°35	15°36	27° 4	T 14
F 15	21 34 38	22°26'20	6 8 18	5° 3	17°19	5° 2	14°37	1° 4	1°15	1°45	2° 7	18°33	19°32	15°42	27° 4	F 15
S 16	21 38 34	23°23'59	20°32	5°32	18°30	5°40	14°49	1° 0	1°16	1°44	2° 6	18°R34	19°29	15°49	27° 3	S 16
S 17	21 42 31	24°21'40	4 Ⅱ 43	6° 9	19°41	6°18	15° 1	0°57	1°18	1°42	2° 4	18°34	19°25	15°56	27° 2	S 17
M18	21 46 27	25°19'22	18°51	6°53	20°52	6°56	15°13	0°54	1°18	1°41	2° 3	18°32	19°22	16° 2	27° 1	M18
T 19	21 50 24	26°17'06	2952	7°44	22° 3	7°34	15°25	0°51	1°19	1°40	2° 2	18°30	19°19	16° 9	27° 0	T 19
W20	21 54 20	27°14'52	16°44	8°42	23°14	8°12	15°37	0°47	1°20	1°39	2° 0	18°27	19°16	16°16	26°59	W20
T 21	21 58 17	28°12'39	0 Ω 25	9°46	24°25	8°50	15°49	0°44	1°21	1°37	1°59	18°24	19°13	16°23	26°58	T 21
F 22	22 2 14	29°10'27	13°52	10°56	25°37	9°28	16° 0	0°40	1°22	1°36	1°58	18°22	19°10	16°29	26°57	F 22
S 23	22 6 10	0 m) 8'17	27° 4	12°13	26°48	10° 7	16°12	0°37	1°23	1°35	1°57	18°20	19° 6	16°36	26°56	S 23
S 24	22 10 7	1° 6'08	10 Mp 0	13°35	27°59	10°45	16°23	0°33	1°23	1°33	1°56	18°19	19° 3	16°43	26°54	S 24
M25	22 14 3	2° 4'01	22°40	15° 2	29°11	11°24	16°35	0°29	1°24	1°32	1°54	18°D19	19° 0	16°49	26°53	M25
T 26	22 18 0	3° 1'55	5 ♀ 4	16°34	0 Ω 23	12° 2	16°46	0°25	1°25	1°30	1°53	18°19	18°57	16°56	26°52	T 26
W27	22 21 56	3°59'50	17°16	18°11	1°34	12°41	16°57	0°22	1°25	1°29	1°52	18°20	18°54	17° 3	26°50	W27
T 28	22 25 53	4°57'47	29°17	19°51	2°46	13°19	17° 9	0°18	1°26	1°28	1°51	18°22	18°51	17° 9	26°49	T 28
F 29	22 29 49	5°55'45	11 M .11	21°35	3°58	13°58	17°20	0°14	1°26	1°26	1°50	18°23	18°47	17°16	26°47	F 29
S 30	22 33 46	6°53'44	23° 2	23°22	5°10	14°37	17°31	0°10	1°26	1°25	1°49	18°24	18°44	17°23	26°46	S 30
S 31	22 37 43	7 m 51'45	4 ₹ 56	25 Ω 11	6 Ω 22	15 ≏ 16	179542	0 Υ 6	1 Ⅱ 27	1 Y 23	1 ≈ 48	18°R24	18) (41	17 M 30	26 Y 44	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	18n 0 17 45			56 21n55 1s31 53 21 57 1 28		22n50 0s 5 22 49 0 5	1 s32 2 s22 1 33 2 23	20n 8 0s13 20 9 0 13		23 s17 3 s46 23 17 3 46	4s19 4 19	3 s51 20 s 3 3 52 20 6	11n 6 0n41 11 6 0 41
S 3 M 4 T 5 W 6 T 7 F 8 S 9	17 13 16 57 16 41 16 24 16 7 15 50	26 50 5 6 28 19 5 11 28 24 5 1 27 0 4 36 24 9 3 57 19 58 3 4	14 1 4 4 14 18 4 3 14 36 4 2 14 54 4 1 15 12 3 5 15 30 3 4	41 22 0 1 22 32 22 1 1 19 22 22 0 1 16 11 22 0 1 12 58 21 59 1 9 44 21 57 1 6	1 16 0 35 1 0 0 34 0 45 0 33 0 29 0 33 0 14 0 32 0 s 2 0 31	22 48 0 5 22 47 0 5 22 46 0 5 22 45 0 4 22 44 0 4 22 43 0 4 22 42 0 4	1 38 2 24 1 39 2 24 1 40 2 24	20 9 0 13 20 10 0 13 20 10 0 13 20 10 0 13 20 11 0 13 20 11 0 13	0 28 1 21 0 29 1 21 0 29 1 21 0 29 1 21 0 30 1 21 0 30 1 21	23 19 3 46 23 19 3 46 23 19 3 46 23 20 3 46	4 20 4 21 4 23 4 25 4 27 4 29 4 31	3 55 20 11 3 56 20 13 3 57 20 16 3 59 20 18 4 0 20 21 4 1 20 23	11 6 0 41 11 6 0 41 11 5 0 41 11 5 0 41 11 5 0 41
S 10 M11 T 12 W13 T 14 F 15 S 16	14 2	8 36 0 47 2 0 0n29 4n44 1 44 11 17 2 54	16 4 3 1 16 19 2 5 16 33 2 4 16 46 2 2 16 58 2	40 21 43 0 53 23 21 38 0 50 6 21 33 0 47	0 33 0 30 0 48 0 29 1 4 0 28 1 20 0 28 1 35 0 27	22 41 0 4 22 39 0 4 22 38 0 4 22 37 0 4 22 36 0 4 22 35 0 4 22 33 0 3	1 43 2 25 1 44 2 25 1 46 2 25 1 47 2 25 1 48 2 26	20 12 0 13	0 31 1 21 0 32 1 21 0 32 1 21 0 33 1 21 0 33 1 22	23 21 3 47 23 22 3 47	4 32 4 33 4 33 4 33 4 32 4 32 4 31	4 2 20 26 4 4 20 28 4 5 20 30 4 6 20 33 4 7 20 35 4 9 20 38 4 10 20 40	11 5 0 41 11 4 0 41 11 4 0 41 11 4 0 41 11 3 0 41
S 17 M18 T 19 W20 T 21 F 22 S 23	12 6 11 46	28 11 5 14 28 29 5 4 26 58 4 37 23 52 3 54 19 31 2 59	17 20 1 1 17 23 0 5 17 24 0 4 17 22 0 2 17 18 0 1	43 20 56 0 30 27 20 47 0 27 12 20 38 0 24	2 22 0 25 2 38 0 24 2 54 0 23 3 9 0 23 3 25 0 22	22 32 0 3 22 31 0 3 22 30 0 3 22 28 0 3 22 27 0 3 22 26 0 3 22 25 0 3	1 53 2 26 1 54 2 27 1 56 2 27 1 57 2 27 1 59 2 27	20 13 0 13 20 13 0 13 20 13 0 13 20 13 0 13 20 14 0 13 20 14 0 13 20 14 0 13	0 34 1 22 0 35 1 22 0 35 1 22 0 36 1 22 0 36 1 22 0 37 1 22 0 37 1 22	23 23 3 47 23 23 3 47 23 24 3 47 23 24 3 47	4 31 4 32 4 33 4 34 4 35 4 36 4 37	4 11 20 43 4 12 20 45 4 14 20 48 4 15 20 50 4 16 20 52 4 17 20 55 4 19 20 57	11 2 0 41 11 2 0 41 11 2 0 40 11 1 0 40 11 1 0 40
S 24 M25 T 26 W27 T 28 F 29 S 30 S 31	9 20 8 59	2 33 0s24 3s25 1 31 9 8 2 33 14 27 3 28 19 11 4 12 23 9 4 46	16 47 0 2 16 30 0 4 16 11 0 5 15 49 1 15 25 1 1 14 57 1 1	28 20 5 0 14 40 19 53 0 11 51 19 41 0 8 1 19 28 0 5	4 12 0 20 4 28 0 19 4 44 0 18 4 59 0 18 5 15 0 17 5 31 0 16	22 23 0 3 22 22 0 3 22 21 0 3 22 19 0 2 22 18 0 2 22 17 0 2 22 15 0 2 22n14 0s 2	2 4 2 28 2 5 2 28 2 7 2 28 2 9 2 28 2 11 2 28 2 12 2 28	20 14 0 13 20 15 0 13 20 15 0 13 20n15 0s13	0 38 1 22 0 39 1 22 0 39 1 22 0 40 1 22 0 40 1 22 0 41 1 22 0 42 1 22 0 842 1 822	23 25 3 47 23 25 3 47 23 26 3 47 23 26 3 47 23 26 3 47	4 37 4 37 4 37 4 37 4 36 4 36 4 35 4 s35	4 21 21 2 4 22 21 3 4 24 21 3	10 56 0 40

Julian Day Number = 2460888.5, Delta T = 68.94 sec Ecliptic obliquity = 23°26'18, Nutation = 0°00'04, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 25°05'52, Lahiri = 24°12'52

SEPTEMBER 2025 00:00 UT

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Day	Sid.t	0	D	ğ	φ	ď	4	ħ)∤(¥	Р	₽.	v	Ç	ę,	Day
M 1	22 41 39	8 m 49'47	16 ₹ 55	27 Ω 3	7 Ω 34	15 ≏ 55	179552	0°R 1	1 П 27	1°R22	1°R47	18°R24	18) 38	17 M .36	26°R43	M 1
T 2	22 45 36	9°47'51	29° 6	28°56	8°46	16°34	18° 3	29) 57	1°27	1 Y 20	1≈45	18 ∺ 23	18°35	17°43	26 Y 41	T 2
W 3	22 49 32	10°45'56	11 る 33	0 m 51	9°58	17°13	18°14	29°53	1°28	1°19	1°44	18°23	18°31	17°50	26°39	W 3
T 4	22 53 29	11°44'02	24°18	2°46	11°10	17°52	18°24	29°49	1°28	1°17	1°43	18°22	18°28	17°56	26°38	T 4
F 5	22 57 25	12°42'10	7≈24	4°42	12°22	18°31	18°35	29°44	1°28	1°16	1°42	18°21	18°25	18° 3	26°36	F 5
S 6	23 1 22	13°40'19	20°52	6°39	13°35	19°10	18°45	29°40	1°R28	1°14	1°41	18°20	18°22	18°10	26°34	S 6
S 7	23 5 18	14°38'30	4) €42	8°35	14°47	19°50	18°55	29°36	1°28	1°12	1°41	18°20	18°19	18°16	26°32	S 7
M 8	23 9 15	15°36'43	18°51	10°31	16° 0	20°29	19° 5	29°31	1°28	1°11	1°40	18°D20	18°16	18°23	26°30	M 8
T 9	23 13 12	16°34'57	3 Υ 15	12°27	17°12	21° 8	19°16	29°27	1°28	1° 9	1°39	18°20	18°12	18°30	26°28	T 9
W10	23 17 8	17°33'13	17°48	14°22	18°25	21°48	19°25	29°22	1°27	1°8	1°38	18°20	18° 9	18°37	26°26	W10
T 11	23 21 5	18°31'31	2824	16°17	19°37	22°27	19°35	29°18	1°27	1° 6	1°37	18°R20	18° 6	18°43	26°24	T 11
F 12	23 25 1	19°29'51	16°58	18°11	20°50	23° 7	19°45	29°13	1°27	1° 4	1°36	18°20	18° 3	18°50	26°22	F 12
S 13	23 28 58	20°28'14	1 II 25	20° 4	22° 3	23°47	19°55	29° 9	1°27	1° 3	1°35	18°20	18° 0	18°57	26°20	S 13
S 14	23 32 54	21°26'38	15°40	21°56	23°16	24°26	20° 4	29° 4	1°26	1° 1	1°34	18°D20	17°57	19° 3	26°18	S 14
M15	23 36 51	22°25'05	29°42	23°47	24°29	25° 6	20°14	29° 0	1°26	1° 0	1°34	18°20	17°53	19°10	26°16	M15
T 16	23 40 47	23°23'34	13930	25°37	25°42	25°46	20°23	28°55	1°25	0°58	1°33	18°20	17°50	19°17	26°14	T 16
W17	23 44 44	24°22'05	27° 2	27°27	26°55	26°26	20°32	28°50	1°25	0°56	1°32	18°21	17°47	19°24	26°12	W17
T 18	23 48 41	25°20'38	10 Ω 19	29°15	28° 8	27° 6	20°41	28°46	1°24	0°55	1°31	18°21	17°44	19°30	26° 9	T 18
F 19	23 52 37	26°19'13	23°21	1 ♀ 2	29°21	27°46	20°50	28°41	1°24	0°53	1°31	18°22	17°41	19°37	26° 7	F 19
S 20	23 56 34	27°17'50	6 M p11	2°48	0 m 35	28°26	20°59	28°36	1°23	0°51	1°30	18°22	17°37	19°44	26° 5	S 20
S 21	0 0 30	28°16'29	18°47	4°33	1°48	29° 6	21° 8	28°32	1°22	0°50	1°29	18°R23	17°34	19°50	26° 2	S 21
M22	0 4 27	29°15'11	1 ≏ 11	6°17	3° 1	29°47	21°16	28°27	1°22	0°48	1°29	18°22	17°31	19°57	26° 0	M22
T 23	0 8 23	0 ≏ 13'54	13°25	8° 0	4°15	0 ™ 27	21°25	28°22	1°21	0°46	1°28	18°21	17°28	20° 4	25°58	T 23
W24	0 12 20	1°12'39	25°30	9°43	5°28	1° 7	21°33	28°18	1°20	0°45	1°28	18°20	17°25	20°10	25°55	W24
T 25	0 16 16	2°11'26	7 ™ 27	11°24	6°42	1°48	21°41	28°13	1°19	0°43	1°27	18°18	17°22	20°17	25°53	T 25
F 26	0 20 13	3°10'14	19°20	13° 4	7°55	2°28	21°49	28° 8	1°18	0°41	1°27	18°16	17°18	20°24	25°50	F 26
S 27	0 24 9	4° 9'05	12711	14°43	9° 9	3° 9	21°57	28° 4	1°17	0°40	1°26	18°13	17°15	20°31	25°48	S 27
S 28	0 28 6	5° 7'57	13° 3	16°22	10°23	3°50	22° 5	27°59	1°16	0°38	1°26	18°12	17°12	20°37	25°45	S 28
M29	0 32 3	6° 6'51	25° 1	17°59	11°37	4°30	22°13	27°55	1°15	0°36	1°25	18°10	17° 9	20°44	25°43	M29
T 30	0 35 59	7 ♀ 5'47	7 궁 9	19 ₽ 36	12 m 50	5 M .11	229520	27) (50	1 Ⅱ 14	0 Υ 35	1≈25	18°D10	17 米 6	20M51	25 Y 40	T 30

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M 1	8n16	28 s 3 5 s	7 13n55	1n31 18	n30 On 8	6s 2	0n15	22n13	0 s 2	2s16	2 s29	20n15	0s13	0 s43	1 s22	23 s27	3 s47	4 s35	4 s 3 0	21 s19	10n55	0n40
T 2	7 54	28 37 5	1 13 20	1 36 18	14 0 10	6 17	0 14	22 11	0 2	2 18	2 29	20 15	0 13	0 43	1 22	23 27	3 47	4 36	4 31	21 21	10 55	0 40
W 3	7 32	27 46 4	12 44	1 40 17	58 0 13	6 33	0 14	22 10	0 2	2 19	2 29	20 15	0 13	0 44	1 22	23 28	3 47	4 36	4 32	21 24	10 54	0 40
T 4	7 10	25 28 4	7 12 5	1 43 17	41 0 16	6 49	0 13	22 9	0 2	2 21	2 29	20 15	0 13	0 45	1 22	23 28	3 47	4 36	4 34	21 26	10 53	0 40
F 5	6 48	21 46 3	28 11 25	1 45 17	24 0 19	7 4	0 12	22 7	0 2	2 23	2 29	20 15	0 13	0 45	1 22	23 28	3 47	4 36	4 35	21 28	10 53	0 40
S 6	6 25	16 51 2	26 10 43	1 47 17	6 0 22	7 20	0 12	22 6	0 1	2 25	2 29	20 15	0 13	0 46	1 22	23 28	3 47	4 37	4 36	21 31	10 52	0 40
S 7	6 3	10 57 1	5 10 1	1 47 16	48 0 25	7 35	0 11	22 5	0 1	2 27	2 29	20 15	0 13	0 47	1 22	23 29	3 47	4 37	4 37	21 33	10 51	0 40
M 8	5 40	4 22 0n	3 9 17	1 47 16	29 0 28	7 51	0 10	22 4	0 1	2 29	2 30	20 15	0 13	0 47	1 22	23 29	3 47	4 37	4 39	21 35	10 50	0 40
T 9	5 18	2n32 1	22 8 32	1 47 16	10 0 30	8 6	0 10	22 2	0 1	2 31	2 30	20 15	0 13	0 48	1 22	23 29	3 47	4 37	4 40	21 37	10 50	0 40
W10	4 55	9 23 2	7 46	1 45 15	50 0 33	8 21	0 9	22 1	0 1	2 32	2 30	20 15	0 13	0 49	1 22	23 29	3 47	4 37	4 41	21 40	10 49	0 40
T 11	4 32	15 46 3	11 7 0	1 43 15	30 0 36	8 37	0 8	22 0	0 1	2 34	2 30	20 15	0 13	0 49	1 22	23 29	3 47	4 37	4 42	21 42	10 48	0 39
F 12	4 9	21 14 4	6 13	1 41 15	9 0 38	8 52	0 8	21 58	0 1	2 36	2 30	20 15	0 13	0 50	1 22	23 30	3 47	4 37	4 44	21 44	10 47	0 39
S 13	3 47	25 23 5	3 5 26	1 38 14	48 0 41	9 7	0 7	21 57	0 1	2 38	2 30	20 15	0 13	0 51	1 22	23 30	3 47	4 37	4 45	21 47	10 47	0 39
S 14	3 24	27 55 5	7 4 39	1 35 14	27 0 43	9 22	0 6	21 56	0 1	2 40	2 30	20 15	0 13	0 51	1 22	23 30	3 47	4 37	4 46	21 49	10 46	0 39
M15	3 1	28 37 5	1 3 51	1 31 14	5 0 46	9 38	0 6	21 54	0 1	2 42	2 30	20 14	0 13	0 52	1 22	23 30	3 47	4 37	4 47	21 51	10 45	0 39
T 16	2 37	27 31 4	17 3 4	1 26 13	43 0 48	9 53	0 5	21 53	0 0	2 44	2 30	20 14	0 13	0 53	1 22	23 30	3 47	4 37	4 48	21 54	10 44	0 39
W17	2 14	24 48 4	8 2 16	1 22 13	20 0 51	10 8	0 4	21 52	0 0	2 46	2 30	20 14	0 13	0 53	1 22	23 30	3 47	4 37	4 50	21 56	10 43	0 39
T 18	1 51	20 48 3	6 1 28	1 17 12	57 0 53	10 23	0 4	21 51	0 0	2 48	2 30	20 14	0 13	0 54	1 22	23 31	3 47	4 36	4 51	21 58	10 42	0 39
F 19	1 28	15 51 2	4 0 41	1 12 12	33 0 55	10 38	0 3	21 49	0 0	2 49	2 30	20 14	0 13	0 55	1 22	23 31	3 47	4 36	4 52	22 0	10 41	0 39
S 20	1 4	10 17 1	7 0s 6	1 6 12	10 0 57	10 53	0 2	21 48	0n 0	2 51	2 31	20 14	0 13	0 55	1 22	23 31	3 47	4 36	4 53	22 3	10 41	0 39
S 21	0 41	4 24 0s	2 0 53	1 0 11	46 0 59	11 8	0 2	21 47	0 0	2 53	2 31	20 14	0 13	0 56	1 22	23 31	3 47	4 36	4 55	22 5	10 40	0 39
M22	0 18	1 s33 1	0 1 40	0 54 11	21 1 1	11 23	0 1	21 46	0 0	2 55	2 31	20 14	0 13	0 57	1 22	23 31	3 47	4 36	4 56	22 7	10 39	0 39
T 23	0s 6	7 21 2	4 2 26	0 48 10	56 1 3	11 37	0 0	21 44	0 0	2 57	2 31	20 13	0 13	0 57	1 22	23 31	3 47	4 36	4 57	22 9	10 38	0 39
W24	0 29	12 49 3	1 3 12	0 42 10	31 1 5	11 52	0s 0	21 43	0 0	2 59	2 31	20 13	0 13	0 58	1 22	23 31	3 47	4 37	4 58	22 12	10 37	0 39
T 25	0 52	17 46 3	3 58	0 35 10	6 1 7	12 7	0 1	21 42	0 1	3 1	2 31	20 13	0 13	0 59	1 22	23 32	3 47	4 38	5 0	22 14	10 36	0 39
F 26	1 16	21 59 4	86 4 43	0 29 9	40 1 9	12 21	0 2	21 41	0 1	3 3	2 31	20 13	0 13	0 59	1 22	23 32	3 47	4 38	5 1	22 16	10 35	0 39
S 27	1 39	25 19 5	2 5 28	0 22 9	14 1 11	12 36	0 2	21 40	0 1	3 4	2 31	20 13	0 13	1 0	1 22	23 32	3 47	4 39	5 2	22 18	10 34	0 39
S 28	2 2	27 33 5	4 6 12	0 15 8	48 1 13	12 50	0 3	21 39	0 1	3 6	2 31	20 12	0 13	1 1	1 22	23 32	3 47	4 40	5 3	22 20	10 33	0 38
M29	-	28 34 5	6 56	0 8 8	21 1 14	13 5	0 3	21 37	0 1	3 8		20 12	0 13	1 1	1 22	23 32	3 47	4 41		22 23		0 38
T 30	2 s49	28 s 13 4 s	7 s 3 9	0n 1 7	n54 1n16	13 s19	0s 4	21n36	0n 1	3 s 1 0	2 s 3 1	20n12	0s13	1 s 2	1 s22	23 s32	3 s47	4 s41	5s 6	22 s25	10n31	0n38

 $\label{eq:Julian Day Number = 2460919.5, Delta T = 68.93 sec} \\ Ecliptic obliquity = 23°26'19, Nutation = 0°00'04, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 25°05'56, Lahiri = 24°12'56} \\$

OCTOBER 2025 00:00 UT

Day	Sid.t		7	×	0	7	31	+	ш),(Ъ	0	^	•	K	Day
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W 1	0 39 56	8 º 4'45	19 궁 31	21 ≏ 11	14 Mp 4	5 M .52	22928	27°R45	1°R13	0°R33	1°R24	18 米 10	17 ∺ 3	20 M .57	25°R37	W 1
T 2	0 43 52	9° 3'45	2≈13	22°46	15°18	6°33	22°35	27) (41	1 I I11	0 Υ 31	1≈24	18°12	16°59	21° 4	25 Y 35	T 2
F 3	0 47 49	10° 2'46	15°17	24°20	16°32	7°14	22°42	27°36	1°10	0°30	1°24	18°13	16°56	21°11	25°32	F 3
S 4	0 51 45	11° 1'48	28°47	25°53	17°46	7°55	22°49	27°32	1° 9	0°28	1°23	18°14	16°53	21°18	25°30	S 4
S 5	0 55 42	12° 0'53	12) (44	27°25	19° 0	8°36	22°56	27°28	1° 7	0°27	1°23	18°R15	16°50	21°24	25°27	S 5
M 6	0 59 38	13° 0'00	27° 5	28°57	20°14	9°17	23° 3	27°23	1° 6	0°25	1°23	18°15	16°47	21°31	25°24	M 6
T 7	1 3 35	13°59'08	11 ° 47	0 M .28	21°28	9°58	23° 9	27°19	1° 5	0°23	1°23	18°14	16°43	21°38	25°22	T 7
W 8	1 7 32	14°58'18	26°44	1°57	22°42	10°39	23°15	27°14	1° 3	0°22	1°23	18°11	16°40	21°44	25°19	W 8
T 9	1 11 28	15°57'31	11847	3°26	23°57	11°21	23°22	27°10	1° 2	0°20	1°22	18° 7	16°37	21°51	25°16	T 9
F 10	1 15 25	16°56'46	26°46	4°55	25°11	12° 2	23°28	27° 6	1° 0	0°19	1°22	18° 3	16°34	21°58	25°13	F 10
S 11	1 19 21	17°56'03	11 Ⅱ 34	6°22	26°25	12°43	23°34	27° 2	0°58	0°17	1°22	18° 0	16°31	22° 4	25°11	S 11
S 12	1 23 18	18°55'23	26° 4	7°49	27°40	13°25	23°39	26°58	0°57	0°15	1°22	17°57	16°28	22°11	25° 8	S 12
M13	1 27 14	19°54'44	109512	9°15	28°54	14° 6	23°45	26°53	0°55	0°14	1°22	17°55	16°24	22°18	25° 5	M13
T 14	1 31 11	20°54'09	23°57	10°39	0 호 8	14°48	23°50	26°49	0°53	0°12	1°D22	17°D54	16°21	22°25	25° 2	T 14
W15	1 35 7	21°53'35	7 Ω 19	12° 3	1°23	15°30	23°56	26°45	0°52	0°11	1°22	17°55	16°18	22°31	25° 0	W15
T 16	1 39 4	22°53'04	20°22	13°27	2°37	16°12	24° 1	26°41	0°50	0° 9	1°22	17°57	16°15	22°38	24°57	T 16
F 17	1 43 1	23°52'35	3 m y 7	14°49	3°52	16°53	24° 6	26°38	0°48	0° 8	1°22	17°58	16°12	22°45	24°54	F 17
S 18	1 46 57	24°52'08	15°38	16°10	5° 6	17°35	24°10	26°34	0°46	0° 6	1°22	17°R59	16° 8	22°51	24°51	S 18
S 19	1 50 54	25°51'43	27°57	17°30	6°21	18°17	24°15	26°30	0°44	0° 5	1°22	17°59	16° 5	22°58	24°48	S 19
M20	1 54 50	26°51'20	10 ♀ 7	18°49	7°36	18°59	24°19	26°26	0°42	0° 3	1°23	17°56	16° 2	23° 5	24°46	M20
T 21	1 58 47	27°51'00	22°10	20° 7	8°50	19°41	24°24	26°23	0°40	0° 2	1°23	17°52	15°59	23°12	24°43	T 21
W22	2 2 43	28°50'42	4M 7	21°23	10° 5	20°23	24°28	26°19	0°38	0° 1	1°23	17°46	15°56	23°18	24°40	W22
T 23	2 6 40	29°50'25	16° 1	22°38	11°20	21° 6	24°31	26°16	0°36	29 米 59	1°23	17°38	15°53	23°25	24°37	T 23
F 24	2 10 36	0 M .50'11	27°52	23°52	12°35	21°48	24°35	26°12	0°34	29°58	1°23	17°30	15°49	23°32	24°35	F 24
S 25	2 14 33	1°49'58	9 ∡ 43	25° 4	13°49	22°30	24°39	26° 9	0°32	29°56	1°24	17°21	15°46	23°38	24°32	S 25
S 26	2 18 30	2°49'47	2 <u>1°</u> 36	26°14	15° 4	23°13	24°42	26° 6	0°30	29°55	1°24	17°13	15°43	23°45	24°29	S 26
M27	2 22 26	3°49'38	3 ਰ 33	27°22	16°19	23°55	24°45	26° 2	0°28	29°54	1°24	17° 7	15°40	23°52	24°26	M27
T 28	2 26 23	4°49'31	15°39	28°28	17°34	24°38	24°48	25°59	0°26	29°52	1°25	17° 3	15°37	23°59	24°24	T 28
W29	2 30 19	5°49'26	27°58	29°32	18°49	25°20	24°51	25°56	0°23	29°51	1°25	17° 1	15°34	24° 5	24°21	W29
T 30	2 34 16	6°49'22	10≈33	0 ₹ 33	20° 4	26° 3	24°53	25°53	0°21	29°50	1°26	17°D 1	15°30	24°12	24°18	T 30
F 31	2 38 12	7 M .49'19	23≈30	1 ₹ 31	21 ≏ 19	26M45	249556	25 米 51	0 耳 19	29 米 49	1≈26	17) 1	15 ∺ 27	24M19	24 Y 16	F 31

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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
W 1 T 2 F 3 S 4	3 s12 3 36 3 59 4 22	23 21 3 47 18 59 2 52	9 4 0 13 9 45 0 21	7 0 1 19 13 4 6 33 1 20 14	7 0 5 1 0 6	21n35 On 1 21 34 O 1 21 33 O 1 21 32 O 2	3 14 2 31 3 15 2 31	20n12 0s13 20 11 0 13 20 11 0 13 20 11 0 13	1 4 1 22	23 32 3 47 23 32 3 47	4 s41 4 40 4 40 4 39	5 s 7 2 5 8 2 5 10 2 5 11 2	2 29 2 31	10 29 0 38 10 28 0 38
S 5 M 6 T 7 W 8	4 45 5 8 5 31 5 54	7 15 0 30 0 25 0n48 6n35 2 6	11 6 0 35 11 45 0 42 12 24 0 49	5 37 1 22 14 2 5 9 1 24 14 4 4 41 1 25 14 5	9 0 7 3 0 8 6 0 8	21 32 0 2 21 31 0 2 21 30 0 2 21 29 0 2 21 28 0 2	3 19 2 31 3 20 2 31 3 22 2 30	20 11 0 13 20 11 0 13 20 10 0 13 20 10 0 13 20 10 0 13	1 5 1 22 1 6 1 22 1 6 1 22		4 39 4 39 4 39 4 40	5 12 2 5 13 2 5 14 2 5 16 2	2 36 2 38 2 40	10 26 0 38 10 25 0 38 10 24 0 38
T 9 F 10 S 11	6 17 6 39	19 22 4 12 24 9 4 51 27 18 5 11	13 39 1 3 14 16 1 10	3 44 1 27 15 2 3 15 1 27 15 3 2 46 1 28 15 5	3 0 10 7 0 10 0 0 11		3 26 2 30 3 27 2 30 3 29 2 30 3 30 2 30	20 9 0 13 20 9 0 13 20 9 0 13	1 8 1 22 1 8 1 22 1 9 1 22	23 32 3 47 23 32 3 47 23 32 3 47	4 42 4 43 4 45 4 46	5 17 2 5 18 2 5 19 2 5 21 2	2 44 2 46 2 49	10 22 0 38 10 21 0 38 10 20 0 38
M13 T 14 W15 T 16 F 17	7 47 8 10 8 32 8 54 9 16	27 51 4 49 25 28 4 13 21 43 3 24 16 59 2 25 11 37 1 20	16 0 1 31 16 34 1 37 17 6 1 44 17 37 1 50 18 8 1 56	1 49 1 30 16 1 1 19 1 30 16 2 0 50 1 31 16 4 0 21 1 31 16 5 0s 8 1 31 17	6 0 12 9 0 13 2 0 13 4 0 14 7 0 15	21 24 0 3 21 23 0 3 21 22 0 3 21 21 0 3 21 21 0 3	3 32 2 30 3 33 2 30 3 35 2 30 3 36 2 30 3 38 2 30	20 8 0 13 20 8 0 13 20 7 0 13 20 7 0 13 20 7 0 13	1 10 1 22 1 11 1 22 1 11 1 22 1 12 1 22 1 12 1 22	23 32 3 47 23 32 3 47 23 32 3 47 23 32 3 47 23 32 3 47	4 47 4 47 4 46 4 46 4 45	5 22 2 5 23 2 5 24 2 5 26 2 5 27 2	22 53 22 55 22 57 22 59 23 1	10 17 0 37 10 16 0 37 10 15 0 37 10 14 0 37 10 13 0 37
S 18 S 19 M20 T 21 W22 T 23 F 24 S 25		0s 1 0s54 5 48 1 57 11 20 2 55 16 24 3 44 20 49 4 23 24 23 4 50	19 34 2 14 20 0 2 19 20 25 2 24	1 7 1 32 17 3 1 36 1 32 17 4 2 6 1 32 17 5 2 35 1 32 18 3 4 1 32 18 1 3 33 1 32 18 3	2 0 16 4 0 16 6 0 17 8 0 18 9 0 18 1 0 19	21 19 0 3 21 19 0 4	3 39 2 30 3 41 2 30 3 42 2 29 3 43 2 29 3 45 2 29 3 46 2 29 3 47 2 29 3 48 2 29	20 6 0 13 20 6 0 13 20 5 0 13 20 5 0 13 20 4 0 13 20 4 0 13	1 14 1 22 1 14 1 22 1 15 1 22 1 15 1 22 1 16 1 22 1 16 1 22	23 32 3 47 23 32 3 47	4 45 4 46 4 48 4 50 4 53 4 57 5 0	5 28 2 5 29 2 5 30 2 5 32 2 5 33 2 5 34 2 5 35 2 5 37 2	3 5 3 7 3 10 3 12 3 14 3 16	10 10 0 37 10 9 0 37 10 8 0 37 10 7 0 37 10 5 0 37
S 26 M27 T 28 W29 T 30 F 31	12 27 12 48 13 8 13 28 13 48 14 s 7	28 18 4 55 27 0 4 30 24 22 3 53 20 32 3 3	22 49 2 50	5 30 1 31 19 1 5 59 1 30 19 2 6 28 1 30 19 3	5 0 21 6 0 21 7 0 22 8 0 22		3 51 2 29 3 52 2 28 3 53 2 28 3 54 2 28	20 3 0 13 20 2 0 13 20 2 0 13 20 1 0 13	1 18 1 22 1 18 1 22 1 19 1 22 1 19 1 22	23 31 3 46 23 31 3 46 23 31 3 46 23 31 3 46	5 3 5 5 5 7 5 8 5 8 5 8	5 38 2 5 39 2 5 40 2 5 42 2 5 43 2 5 s44 2	23 22 23 24 23 26 23 28	10 2 0 36 10 1 0 36 10 0 0 36 9 59 0 36

 $\label{eq:Julian Day Number = 2460949.5, Delta T = 68.93 sec} \\ Ecliptic obliquity = 23°26'19, Nutation = 0°00'03, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 25°06'00, Lahiri = 24°13'00} \\$

NOVEMBER 2025 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	4	ħ)Å(¥	Р	₽.	v	Ç	Ŗ	Day
S 1	2 42 9	8 M 49'18	6 ¥ 52	2 ₹ 25	22 £ 34	27 M 28	24958	25°R48	0°R17	29°R48	1≈27	17 ∺ 3	15 ∺ 24	24M25	24°R13	S 1
S 2	2 46 5	9°49'19	20°43	3°16	23°49	28°11	25° 0	25) 45	0 П 14	29) 46	1°27	17°R 3	15°21	24°32	24 Y 10	S 2
M 3	2 50 2	10°49'21	5 Υ 2	4° 3	25° 4	28°54	25° 2	25°42	0°12	29°45	1°28	17° 1	15°18	24°39	24° 8	M 3
T 4	2 53 59	11°49'25	19°48	4°46	26°19	29°37	25° 3	25°40	0°10	29°44	1°28	16°58	15°14	24°46	24° 5	T 4
W 5	2 57 55	12°49'31	4 8 54	5°23	27°34	0 ₹ 20	25° 5	25°38	0° 7	29°43	1°29	16°52	15°11	24°52	24° 2	W 5
T 6	3 1 52	13°49'39	20°12	5°54	28°49	1° 3	25° 6	25°35	0° 5	29°42	1°30	16°44	15° 8	24°59	24° 0	T 6
F 7	3 5 48	14°49'48	5 Ⅱ 31	6°20	OM 4	1°46	25° 7	25°33	0° 3	29°41	1°30	16°35	15° 5	25° 6	23°57	F 7
S 8	3 9 45	15°50'00	20°39	6°38	1°19	2°29	25° 8	25°31	0° 0	29°40	1°31	16°26	15° 2	25°12	23°55	S 8
S 9	3 13 41	16°50'13	5926	6°49	2°34	3°12	25° 8	25°29	29 8 58	29°39	1°32	16°18	14°59	25°19	23°52	S 9
M10	3 17 38	17°50'28	19°48	6°R52	3°50	3°55	25° 9	25°27	29°55	29°38	1°32	16°13	14°55	25°26	23°50	M10
T 11	3 21 34	18°50'46	3 Ω 41	6°45	5° 5	4°39	25° 9	25°25	29°53	29°37	1°33	16° 9	14°52	25°33	23°47	T 11
W12	3 25 31	19°51'05	17° 5	6°29	6°20	5°22	25°R 9	25°23	29°50	29°36	1°34	16°D 8	14°49	25°39	23°45	W12
T 13	3 29 28	20°51'26	0Mp 4	6° 3	7°35	6° 6	25° 9	25°22	29°48	29°35	1°35	16° 8	14°46	25°46	23°43	T 13
F 14	3 33 24	21°51'49	12°42	5°27	8°51	6°49	25° 9	25°20	29°46	29°34	1°36	16°R 9	14°43	25°53	23°40	F 14
S 15	3 37 21	22°52'14	25° 3	4°41	10° 6	7°33	25° 8	25°19	29°43	29°33	1°37	16° 9	14°40	25°59	23°38	S 15
S 16	3 41 17	23°52'41	7 ≏ 12	3°45	11°21	8°16	25° 7	25°17	29°41	29°32	1°37	16° 6	14°36	26° 6	23°35	S 16
M17	3 45 14	24°53'10	19°12	2°41	12°36	9° 0	25° 6	25°16	29°38	29°32	1°38	16° 2	14°33	26°13	23°33	M17
T 18	3 49 10	25°53'40	1 m 7	1°29	13°52	9°44	25° 5	25°15	29°36	29°31	1°39	15°54	14°30	26°20	23°31	T 18
W19	3 53 7	26°54'13	12°59	0°11	15° 7	10°28	25° 4	25°14	29°33	29°30	1°40	15°43	14°27	26°26	23°29	W19
T 20	3 57 3	27°54'46	24°51	28M50	16°22	11°11	25° 2	25°13	29°31	29°29	1°41	15°30	14°24	26°33	23°27	T 20
F 21	4 1 0	28°55'22	6 ₹ 43	27°29	17°38	11°55	25° 0	25°12	29°28	29°29	1°42	15°16	14°20	26°40	23°24	F 21
S 22	4 4 57	29°55'59	18°36	26°10	18°53	12°39	24°58	25°11	29°26	29°28	1°43	15° 2	14°17	26°46	23°22	S 22
S 23	4 8 53	0 ₮ 56'37	0 궁 34	24°55	20° 9	13°23	24°56	25°11	29°23	29°28	1°45	14°49	14°14	26°53	23°20	S 23
M24	4 12 50	1°57'16	12°36	23°48	21°24	14° 7	24°54	25°10	29°21	29°27	1°46	14°38	14°11	27° 0	23°18	M24
T 25	4 16 46	2°57'57	24°45	22°49	22°39	14°52	24°51	25°10	29°18	29°26	1°47	14°29	14° 8	27° 7	23°16	T 25
W26	4 20 43	3°58'39	7≈ 5	22° 1	23°55	15°36	24°49	25°10	29°15	29°26	1°48	14°24	14° 5	27°13	23°14	W26
T 27	4 24 39	4°59'22	19°38	21°24	25°10	16°20	24°46	25°10	29°13	29°25	1°49	14°21	14° 1	27°20	23°12	T 27
F 28	4 28 36	6° 0'06	2 ∺ 30	20°59	26°26	17° 4	24°43	25°D 9	29°11	29°25	1°50	14°D20	13°58	27°27	23°10	F 28
S 29	4 32 32	7° 0'51	15°43	20°45	27°41	17°49	24°39	25° 9	29° 8	29°25	1°52	14°R20	13°55	27°34	23° 9	S 29
S 30	4 36 29	8 ∡ ¹ 1'36	29 ∺ 21	20°D43	28 M .56	18 ∡ ³33	24936	25 ∺ 10	29 8 6	29 米 24	1≈53	14 ∺ 20	13 ∺ 52	27 M .40	23 ° 7	S 30

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	decl	decl lat	t d	lecl la	at	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl la	nt o	decl lat	decl	decl	decl	decl	lat
S 1	14 s26	9 s 5 0	0s54 23:	s29	2 s 5 4	7 s25	1n28	19 s59	0 s24	21n13	0n	5 3 s 5 6	2 s28	20n 0	0s13	1 s20	1 s22 23	3 s 3 1 3 s 4 6	5 s 7	5 s45	23 s32	9n57	0n36
S 2	14 45	3 23 0	0n20 <mark>23</mark>	39	2 54	7 53	1 28	20 9	0 24	21 13	0	5 3 57	2 28	20 0	0 13	1 21	1 22 23	3 31 3 46	5 7	5 46	23 34	9 56	0 36
M 3	15 4	3n27 1	1 35 23	47	2 53	8 21	1 27	20 19	0 25	21 13	0	5 3 58	2 28	19 59	0 13	1 21	1 22 23	3 31 3 46	5 7	5 48	23 36	9 55	0 36
T 4	15 23	10 18 2	2 46 23	54	2 52	8 49	1 26	20 29	0 25	21 13	0	3 59	2 27	19 59	0 13	1 22	1 22 23	3 30 3 46	5 9	5 49	23 38	9 54	0 36
W 5	-		3 47 23			9 17		20 38		21 13	-	3 59					_	3 30 3 46	5 11		23 40	9 53	0 36
T 6			4 33 24	-		9 45		20 48		21 12	-	6 4 0					-	3 30 3 46	5 14		23 42	9 52	0 36
F 7	16 17		4 59 24	-		10 12		20 57		21 12	-	5 4 1		19 57				3 30 3 46	5 18		23 44	9 51	0 35
S 8	16 35	28 9 5	5 3 23	58	2 35	10 39	1 22	21 6	0 28	21 12	0	6 4 2	2 27	19 57	0 13	1 23	1 22 23	3 30 3 46	5 21	5 54	23 46	9 50	0 35
S 9	16 52	28 7 4	4 48 23	53	2 28	11 6	1 21	21 15	0 28	21 12	0	5 4 2	2 27	19 56	0 13	1 24	1 22 23	3 29 3 46	5 24	5 55	23 48	9 49	0 35
M10	17 9	26 10 4	4 14 23	45	2 19	11 33	1 19	21 24	0 29	21 13	0	5 4 3	2 26	19 56	0 12	1 24	1 22 23	3 29 3 46	5 26	5 56	23 50	9 48	0 35
T 11	17 26	22 40 3	3 26 23	34	2 9	11 59	1 18	21 33	0 29	21 13	0	7 4 3	2 26	19 55	0 12	1 24	1 22 23	3 29 3 46	5 28	5 58	23 52	9 47	0 35
W12	17 42	18 4 2	2 28 23	19	1 58	12 25	1 17	21 41	0 30	21 13	0	7 4 4	2 26	19 55	0 12	1 25	1 22 23	3 29 3 46	5 28	5 59	23 53	9 46	0 35
T 13	17 58	12 46 1	1 25 23	2	1 44	12 51	1 15	21 49	0 30	21 13	0	7 4 4	2 26	19 54	0 12	1 25	1 22 23	3 29 3 46	5 28	6 0	23 55	9 45	0 35
F 14	18 14	7 4 0	0 18 22			13 17		21 57		21 13	0	7 4 5	2 26	19 54	0 12		-	3 28 3 46	5 28		23 57	9 44	0 35
S 15	18 29	1 15 0	0s47 22	16	1 13	13 42	1 12	22 5	0 31	21 13	0	7 4 5	2 25	19 53	0 12	1 26	1 22 23	3 28 3 46	5 28	6 2	23 59	9 43	0 35
S 16	18 44	4 s 3 2 1	1 49 21	49	0 55	14 7	1 11	22 13	0 32	21 14	0	7 4 6	2 25	19 53	0 12	1 26	1 22 23	3 28 3 46	5 29	6 4	24 1	9 42	0 35
M17	18 59	10 5 2	2 46 21	17	0 36	14 31	1 9	22 20	0 33	21 14	0	7 4 6	2 25	19 52	0 12	1 26	1 22 23	3 28 3 46	5 31	6 5	24 3	9 41	0 35
T 18	19 14	15 13 3	3 34 20	44	0 17	14 55	1 8	22 27	0 33	21 14	0	8 4 6	2 25	19 52	0 12	1 26	1 22 23	3 28 3 46	5 34	6 6	24 5	9 40	0 34
W19	19 28	19 45 4	4 13 20	7	0n 4	15 19	1 6	22 34	0 34	21 15	0	8 4 6	2 25	19 51	0 12	1 27	1 22 23	3 27 3 46	5 38	6 7	24 7	9 39	0 34
T 20	19 42		4 41 19			15 43		22 41	0 34	21 15	0	8 4 7	2 24	19 51	0 12			3 27 3 46	5 43	6 9	24 9	9 38	0 34
F 21	19 55					16 6		22 47		21 16		8 4 7		19 50				3 27 3 46	5 48	6 10		9 37	0 34
S 22	20 8	27 55 5	5 0 18	15	1 4	16 28	1 0	22 54	0 35	21 16	0	8 4 7	2 24	19 50	0 12	1 27	1 21 23	3 27 3 46	5 54	6 11	24 12	9 36	0 34
S 23	20 21	28 15 4	4 49 17	40	1 22	16 50	0 59	23 0	0 36	21 17	0	8 4 7	2 24	19 49	0 12	1 28	1 21 23	3 26 3 46	5 59	6 12	24 14	9 36	0 34
M24	20 33	27 15 4	4 26 17	8	1 38	17 12	0 57	23 6	0 36	21 17	0	8 4 7	2 24	19 48	0 12	1 28	1 21 23	3 26 3 46	6 3	6 13	24 16	9 35	0 34
T 25	20 45	24 57 3	3 50 16	39	1 53	17 33	0 55	23 11	0 37	21 18	0	9 4 7	2 23	19 48	0 12	1 28	1 21 23	3 26 3 46	6 6	6 15	24 18	9 34	0 34
W26	20 57	21 27 3	3 3 16	15	2 5	17 54	0 53	23 17	0 37	21 19	0	9 4 7	2 23	19 47	0 12	1 28	1 21 23	3 25 3 46	6 9	6 16	24 20	9 33	0 34
T 27	21 8	16 56 2	2 7 15	56	2 15	18 14	0 51	23 22	0 38	21 19	0	9 4 7	2 23	19 47	0 12	1 28	1 21 23	3 25 3 46	6 10	6 17	24 22	9 32	0 34
_	-	11 33 1			-	18 34	0 49			21 20	0	9 4 6		19 46		1 28	1 21 23	3 25 3 46	6 10		24 23	9 31	0 34
S 29	21 29	5 31 0	On 7 15	32	2 29	18 53	0 47	23 31	0 39	21 21	0	9 4 6	2 23	19 46	0 12	1 29	1 21 23	3 25 3 46	6 10	6 20	24 25	9 31	0 33
S 30	21 s39	0n57 1	ln18 15:	s28	2n34	19s12	0n44	23 s36	0s39	21n21	0n	9 4s 6	2 s22	19n45	0s12	1 s29	1 s21 23	3 s24 3 s46	6s10	6 s21	24 s27	9n30	0n33

Julian Day Number = 2460980.5, Delta T = 68.92 sec Ecliptic obliquity = 23°26'18, Nutation = 0°00'03, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 25°06'04, Lahiri = 24°13'05

DECEMBER 2025 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	4	ħ)∤(卉	Р	v	v	Ç	Š	Day
M 1	4 40 26	9 ∡¹ 2'23	13 Y 27	20 M 51	0 才 12	19 ~ 18	24°R32	25) (10	29°R 3	29°R24	1≈54	14°R17	13){ 49	27 M 47	23°R 5	M 1
T 2	4 44 22	10° 3'11	28° 1	21° 8	1°27	20° 2	249528	25°10	29 8 1	29 米 24	1°55	14) (13	13°46	27°54	23 Y 3	T 2
W 3	4 48 19	11° 3'59	12 8 59	21°35	2°43	20°47	24°24	25°11	28°58	29°23	1°57	14° 5	13°42	28° 0	23° 2	W 3
T 4	4 52 15	12° 4'49	28°13	22°10	3°58	21°31	24°20	25°11	28°56	29°23	1°58	13°55	13°39	28° 7	23° 0	T 4
F 5	4 56 12	13° 5'40	13 Ⅱ 33	22°52	5°14	22°16	24°15	25°12	28°53	29°23	1°59	13°43	13°36	28°14	22°59	F 5
S 6	5 0 8	14° 6'32	28°48	23°40	6°29	23° 1	24°11	25°13	28°51	29°23	2° 1	13°31	13°33	28°21	22°57	S 6
S 7	5 4 5	15° 7'25	139546	24°33	7°45	23°46	24° 6	25°14	28°49	29°23	2° 2	13°21	13°30	28°27	22°56	S 7
M 8	5 8 2	16° 8'19	28°20	25°32	9° 0	24°30	24° 1	25°15	28°46	29°22	2° 4	13°13	13°26	28°34	22°54	M 8
T 9	5 11 58	17° 9'15	$12\Omega_{24}$	26°35	10°16	25°15	23°56	25°16	28°44	29°22	2° 5	13° 8	13°23	28°41	22°53	T 9
W10	5 15 55	18°10'11	25°57	27°42	11°31	26° 0	23°51	25°17	28°41	29°22	2° 7	13° 5	13°20	28°47	22°52	W10
T 11	5 19 51	19°11'09	9 m) 2	28°51	12°47	26°45	23°45	25°18	28°39	29°D22	2° 8	13° 4	13°17	28°54	22°50	T 11
F 12	5 23 48	20°12'07	21°42	0 , ₹ 4	14° 2	27°30	23°40	25°20	28°37	29°22	2°10	13° 4	13°14	29° 1	22°49	F 12
S 13	5 27 44	21°13'07	4 ₾ 3	1°19	15°18	28°15	23°34	25°21	28°35	29°22	2°11	13° 4	13°11	29° 8	22°48	S 13
S 14	5 31 41	22°14'08	16° 9	2°36	16°33	29° 1	23°28	25°23	28°32	29°23	2°13	13° 2	13° 7	29°14	22°47	S 14
M15	5 35 37	23°15'10	28° 6	3°56	17°49	29°46	23°22	25°25	28°30	29°23	2°14	12°57	13° 4	29°21	22°46	M15
T 16	5 39 34	24°16'13	9 M 57	5°16	19° 4	0 궁 31	23°16	25°27	28°28	29°23	2°16	12°49	13° 1	29°28	22°45	T 16
W17	5 43 31	25°17'17	21°47	6°38	20°20	1°16	23°10	25°29	28°26	29°23	2°17	12°39	12°58	29°34	22°44	W17
T 18	5 47 27	26°18'22	3 ₹ 38	8° 1	21°35	2° 2	23° 3	25°31	28°24	29°23	2°19	12°26	12°55	29°41	22°43	T 18
F 19	5 51 24	27°19'27	15°33	9°26	22°51	2°47	22°57	25°33	28°21	29°24	2°21	12°12	12°52	29°48	22°42	F 19
S 20	5 55 20	28°20'33	27°33	10°51	24° 6	3°32	22°50	25°35	28°19	29°24	2°22	11°57	12°48	29°55	22°41	S 20
S 21	5 59 17	29°21'40	9 云 39	12°17	25°22	4°18	22°43	25°37	28°17	29°24	2°24	11°44	12°45	0 √ 1	22°40	S 21
M22	6 3 13	0 궁 22'47	21°51	13°44	26°37	5° 4	22°36	25°40	28°15	29°25	2°26	11°32	12°42	0° 8	22°40	M22
T 23	6 7 10	1°23'55	4≈12	15°11	27°53	5°49	22°29	25°42	28°13	29°25	2°27	11°24	12°39	0°15	22°39	T 23
W24	611 6	2°25'03	16°42	16°39	29° 8	6°35	22°22	25°45	28°11	29°26	2°29	11°18	12°36	0°22	22°39	W24
T 25	6 15 3	3°26'11	29°23	18° 8	0 る 24	7°20	22°15	25°48	28° 9	29°26	2°31	11°16	12°32	0°28	22°38	T 25
F 26	6 19 0	4°27'19	12 米 19	19°37	1°39	8° 6	22° 7	25°51	28° 8	29°27	2°32	11°D15	12°29	0°35	22°38	F 26
S 27	6 22 56	5°28'27	25°31	21° 6	2°55	8°52	22° 0	25°54	28° 6	29°27	2°34	11°15	12°26	0°42	22°37	S 27
S 28	6 26 53	6°29'35	9 Υ 3	22°36	4°10	9°38	21°52	25°57	28° 4	29°28	2°36	11°R16	12°23	0°48	22°37	S 28
M29	6 30 49	7°30'43	22°56	24° 6	5°26	10°24	21°45	26° 0	28° 2	29°28	2°38	11°14	12°20	0°55	22°37	M29
T 30	6 34 46	<u>8</u> °31'51	7 8 12	25°37	<u>6°41</u>	1 <u>1</u> ° 9	21°37	26° 3	28° 0	29°29	2°40	11°11	12°17	1° 2	22°36	T 30
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M 1 T 2	21 s48 21 57	7n34 2n27	15 31	2 37 19 48	0 40 23 44	0 40	21n22 21 23	0n10 0 10	4s 6 4 5	2 22	19 44	0 12	1 29 1 2		6 13	6 23	24 s 29 24 31	9 28	0n33 0 33
W 3 T 4 F 5	22 22		15 49	2 35 20 21 2 32 20 37	0 38 23 48 0 36 23 51 0 33 23 54	0 41 0 42	21 26	0 10 0 10 0 10	4 5 4 5 4 4	2 21 2 21	19 43	0 12 0 12	1 29 1 2 1 29 1 2 1 29 1 2	1 23 23 3 46 1 23 23 3 46	6 20 6 24	6 26 6 27	24 32 24 34 24 36		0 33 0 33 0 33
S 6 S 7 M 8 T 9	22 30 22 36 22 43 22 49	27 1 4 19 23 58 3 33	9 16 17 9 16 35 8 16 54 1 17 14	2 24 21 8 2 19 21 22	0 31 23 57 0 29 24 0 0 26 24 3 0 24 24 5	0 43	21 28	0 10 0 10 0 11 0 11	4 4 4 3 4 2 4 2	2 21 2 21	19 42 19 41		1 29 1 2 1 29 1 2 1 29 1 2 1 29 1 2	1 23 22 3 46 1 23 22 3 46	6 33 6 36	6 29 6 31	24 38 24 39 24 41 24 43	9 25 9 25	0 33 0 33 0 33 0 32
W10 T11 F12 S13	-		17 35 17 56 18 18	2 7 21 48 2 1 22 0	0 22 24 7 0 19 24 9 0 17 24 10 0 15 24 11	0 44 0 45 0 45	21 31 21 32 21 33 21 34	0 11 0 11 0 11 0 11	4 1 4 0 4 0 3 59	2 20 2 20 2 20	19 40 19 40	0 12 0 12 0 12	1 29 1 2 1 29 1 2 1 29 1 2 1 29 1 2	1 23 21 3 46 1 23 21 3 46 1 23 21 3 46	6 39 6 39 6 39	6 33 6 34 6 35	24 45 24 46 24 48 24 50	-	0 32 0 32 0 32 0 32 0 32
S 14 M15 T 16 W17 T 18 F 19 S 20	23 21 23 23	18 47 4 13 22 43 4 41 25 44 4 53 27 37 4 59	19 25 19 47	1 40 22 33 1 32 22 43 1 25 22 52 1 17 23 0	0 12 24 12 0 10 24 13 0 7 24 13 0 5 24 13 0 3 24 13 0 0 24 13 0s 2 24 12	0 46 0 46 0 47 0 47 0 48 0 48	21 35 21 37 21 38 21 39	0 12 0 12 0 12 0 12 0 12 0 12 0 12	3 58 3 57 3 56 3 55 3 54 3 53 3 52	2 19 2 19 2 19 2 18 2 18	19 37 19 37	0 12 0 12 0 12 0 12 0 12	1 29 1 2 1 29 1 2 1 29 1 2 1 29 1 2 1 28 1 2 1 28 1 2 1 28 1 2	1 23 20 3 46 1 23 19 3 46 1 23 19 3 46 1 23 19 3 46 0 23 18 3 46	6 40 6 42 6 45 6 49 6 54 6 59	6 38 6 39 6 40 6 42	24 52 24 53 24 55 24 57 24 58 25 0	9 21 9 21 9 20 9 20 9 19	0 32 0 32 0 32 0 32 0 32 0 31 0 31
S 21 M22 T 23 W24 T 25 F 26 S 27	23 26 23 26 23 26	27 30 4 26 25 27 3 50 22 10 3 3 17 50 2 6 12 40 1 3	5 21 30 0 21 49 3 22 6 5 22 23 3 22 39 5 22 54	0 46 23 26 0 38 23 31 0 31 23 35 0 23 23 38 0 15 23 40 0 8 23 42	0 5 24 11 0 7 24 10 0 9 24 8 0 12 24 7 0 14 24 5 0 16 24 2 0 19 24 0	0 49 0 49 0 50 0 50 0 51 0 51	21 44 21 45 21 47 21 48 21 49 21 51 21 52	0 13 0 13 0 13 0 13 0 13 0 13 0 14	3 51 3 50 3 48 3 47 3 46 3 45 3 43	2 18 2 18 2 17 2 17 2 17 2 17	19 35 19 35	0 12 0 12 0 12 0 12 0 12 0 12	1 28 1 2 1 28 1 2 1 28 1 2 1 27 1 2 1 27 1 2 1 27 1 2 1 27 1 2	0 23 17 3 46 0 23 17 3 46 0 23 17 3 46 0 23 16 3 46 0 23 16 3 46 0 23 15 3 46	7 10 7 14 7 17 7 20 7 21 7 21	6 46 6 48 6 49 6 50 6 51 6 52 6 54	25 3 25 5 25 7 25 8 25 10 25 12	9 18 9 18 9 18	0 31 0 31 0 31 0 31 0 31 0 31 0 31
S 28 M29 T 30	23 17 23 14 23 10	5n46 2 22 12 3 3 23 17 53 4 12	2 23 20 3 23 32 2 23 43 7 23 s52	0s 7 23 44 0 14 23 43 0 21 23 42	0 21 23 57 0 23 23 54 0 26 23 51 0 s28 23 s47	0 52 0 52 0 53	21 53 21 55 21 56 21n57	0 14 0 14 0 14 0n14	3 42 3 40 3 39 3 s 37	2 16 2 16 2 16	19 32 19 32 19 31 19n31	0 12	1 26 1 2 1 26 1 2 1 26 1 2	23 15 3 46 23 14 3 46	7 21 7 21 7 22	6 55 6 56 6 57	25 15 25 16 25 18 25 s20	9 16 9 16 9 16	0 31 0 30 0 30 0n30

Julian Day Number = 2461010.5, Delta T = 68.91 sec Ecliptic obliquity = 23°26′18, Nutation = 0°00′04, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 25°06′08, Lahiri = 24°13′09