

Astrodienst Ephemeris Tables for the year 2104

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 2104 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ)∤(并	Р	n	Ω	Ç	ķ	Day
T 1	6 39 9	9 ₹ 37'13	14≈54	18 × 743	7×715	6°R 6	2≈25	8 × 750	3°R54	26°R 6	6°R18	3°R57	3 ප 38	24 m 55	13 ට 3	T 1
W 2	6 43 6	10°38'23	29°15	20° 0	8°29	5 Ω 49	2°38	8°56	3 8 53	26 m 6	6 8 17	3 당 7	3°35	25° 2	13° 9	W 2
T 3	6 47 2	11°39'33	13) (37	21°19	9°43	5°31	2°52	9° 2	3°53	26° 6	6°17	3°56	3°31	25° 9	13°15	T 3
F 4	6 50 59	12°40'43	27°56	22°39	10°57	5°12	3° 6	9° 9	3°52	26° 6	6°17	3°55	3°28	25°15	13°21	F 4
S 5	6 54 55	13°41'52	12 Υ 9	24° 1	12°11	4°53	3°19	9°15	3°52	26° 5	6°16	3°D55	3°25	25°22	13°27	S 5
S 6	6 58 52	14°43'02	26°14	25°23	13°26	4°33	3°33	9°21	3°51	26° 5	6°16	3°55	3°22	25°29	13°34	S 6
M 7	7 2 48	15°44'11	108 8	26°47	14°40	4°13	3°47	9°28	3°51	26° 5	6°16	3°56	3°19	25°36	13°40	M 7
T 8	7 6 45	16°45'19	23°52	28°11	15°54	3°52	4° 1	9°34	3°51	26° 4	6°15	3°57	3°16	25°42	13°46	T 8
W 9	7 10 41	17°46'28	7∏24	29°36	17° 8	3°30	4°15	9°40	3°50	26° 4	6°15	3°58	3°12	25°49	13°52	W 9
T 10	7 14 38	18°47'36	20°44	1る 2	18°23	3° 8	4°29	9°46	3°50	26° 4	6°15	3°59	3° 9	25°56	13°58	T 10
F 11	7 18 35	19°48'44	3951	2°29	19°37	2°46	4°43	9°52	3°50	26° 3	6°14	3°R59	3° 6	26° 2	14° 4	F 11
S 12	7 22 31	20°49'51	16°45	3°56	20°51	2°23	4°57	9°58	3°50	26° 3	6°14	3°59	3° 3	26° 9	14°10	S 12
S 13	7 26 28	21°50'59	29°27	5°24	22° 6	2° 0	5°11	10° 4	3°D50	26° 2	6°14	3°58	3° 0	26°16	14°16	S 13
M14	7 30 24	22°52'06	11 £ 55	6°52	23°20	1°37	5°25	10°10	3°50	26° 2	6°14	3°55	2°56	26°23	14°22	M14
T 15	7 34 21	23°53'12	24°12	8°21	24°34	1°14	5°39	10°16	3°50	26° 1	6°14	3°52	2°53	26°29	14°28	T 15
W16	7 38 17	24°54'19	6 m 18	9°51	25°49	0°50	5°53	10°21	3°50	26° 1	6°14	3°48	2°50	26°36	14°34	W16
T 17	7 42 14	25°55'25	18°16	11°21	27° 3	0°26	6° 7	10°27	3°51	26° 0	6°14	3°45	2°47	26°43	14°40	T 17
F 18	7 46 10	26°56'31	0₽10	12°52	28°18	0° 2	6°21	10°33	3°51	25°59	6°14	3°42	2°44	26°49	14°45	F 18
S 19	7 50 7	27°57'37	12° 1	14°23	29°32	29938	6°35	10°38	3°51	25°59	6°13	3°40	2°41	26°56	14°51	S 19
S 20	7 54 4	28°58'43	23°56	15°55	0 궁 46	29°14	6°49	10°44	3°52	25°58	6°13	3°D38	2°37	27° 3	14°57	S 20
M21	7 58 0	29°59'48	5 M .59	17°27	2° 1	28°50	7° 3	10°49	3°52	25°57	6°D13	3°38	2°34	27°10	15° 3	M21
T 22	8 1 57	1≈ 0'53	18°14	19° 0	3°15	28°26	7°17	10°55	3°52	25°56	6°13	3°39	2°31	27°16	15° 9	T 22
W23	8 5 53	2° 1'58	0 ∡ 746	20°34	4°30	28° 2	7°32	11° 0	3°53	25°56	6°14	3°41	2°28	27°23	15°15	W23
T 24	8 9 50	3° 3'03	13°40	22° 8	5°45	27°39	7°46	11° 5	3°54	25°55	6°14	3°43	2°25	27°30	15°21	T 24
F 25	8 13 46	4° 4'07	26°58	23°43	6°59	27°15	8° 0	11°11	3°54	25°54	6°14	3°R44	2°22	27°37	15°27	F 25
S 26	8 17 43	5° 5'11	10 පි 41	25°18	8°14	26°52	8°14	11°16	3°55	25°53	6°14	3°44	2°18	27°43	15°32	S 26
S 27	8 21 39	6° 6'14	24°49	26°54	9°28	26°29	8°28	11°21	3°56	25°52	6°14	3°42	2°15	27°50	15°38	S 27
M28	8 25 36	7° 7'16	9≈18	28°30	10°43	26° 7	8°43	11°26	3°56	25°51	6°14	3°39	2°12	27°57	15°44	M28
T 29	8 29 33	8° 8'17	24° 2	0≈ 7	11°57	25°45	8°57	11°31	3°57	25°50	6°14	3°34	2° 9	28° 3	15°50	T 29
W30	8 33 29	9° 9'17	8) 53	1°45	13°12	25°23	9°11	11°36	3°58	25°49	6°14	3°29	2° 6	28°10	15°55	W30
T 31	8 37 26	10≈10'17	23) (43	3≈23	14 궁 27	2595 2	9 ≈ 25	11 ,7 41	3 8 59	25 m /48	6 8 15	3 궁 23	2る 2	28 m 17	16ਰ 1	T 31

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T 1 W 2	23 s 5 23 0	7 39 4 2		1 5 20 12	1n34 22n27 1 31 22 34	3 53		0 s28 0 28	20 5		12 21	0s29 0 29	2n38 1n1 2 38 1 1	0 2 11	16 41	23 s22 23 22	23 23	2 42	16s41 16 40	6n 8
T 3 F 4 S 5	22 55 22 49 22 43		57 22 12 15 22 25 13 22 37	0 57 20 25 0 48 20 38 0 40 20 50	1 29 22 41 1 27 22 47 1 25 22 54	3 57	19 58 19 55 19 52	0 28 0 28 0 28	20 6	1 43	12 21 12 21 12 21	0 29 0 29 0 29	2 38 1 1 2 38 1 1 2 38 1 1	2 10	16 40	23 22 23 22 23 22	23 23	2 47	16 40 16 39 16 39	6 8 6 8 6 8
T 10	22 7	18 54 4 1 22 1 3 2 23 52 2 2 24 19 1 1	22 23 17 13 23 25	0 24 21 13 0 16 21 23 0 8 21 33 0 0 21 42	1 23 23 1 1 20 23 8 1 18 23 15 1 15 23 22 1 13 23 29	4 4 4 5 4 7 4 9	19 45 19 42 19 39 19 36		20 9 20 10 20 11 20 12	1 43 1 43 1 43 1 44	12 20 12 20 12 20 12 20 12 20	0 29 0 29 0 29 0 29	2 38 1 1 2 38 1 1 2 38 1 1 2 39 1 1 2 39 1 1	1 2 10 1 2 9 1 2 9 1 2 9	16 39 16 39 16 39 16 38	23 22 23 22 23 22 23 22 23 22	23 23 23 23 23 23 23 23	2 56 2 59 3 1 3 4	16 38 16 37 16 37 16 36 16 35	6 8 6 8 6 8 6 8
F 11 S 12 S 13 M14	21 58 21 49 21 39 21 29	21 13 1s1 18 2 2 1	1 23 31 10 23 37 16 23 41 14 23 44	0s 7 21 51 0 15 21 59 0 22 22 6 0 29 22 13	1 11 23 36 1 8 23 42 1 5 23 49 1 3 23 56	4 12 4 14	19 32 19 29 19 26 19 23	0 29	20 13 20 13 20 14 20 15	1 44 1 44	12 20 12 20 12 20 12 20	0 29 0 29	2 39 1 1 2 39 1 1 2 40 1 1 2 40 1 1	1 2 8 1 2 8	16 37 16 37	23 22 23 22 23 22 23 22	23 2323 24	3 10 3 12	16 35 16 34 16 33 16 32	6 8 6 9 6 9 6 9
T 15 W16 T 17 F 18 S 19	21 19 21 8 20 57 20 45 20 33	4 52 4 3 0s 1 5 4 51 5 1	2 23 45 39 23 46 3 23 45 14 23 43 11 23 40	0 36 22 19 0 42 22 24 0 49 22 29 0 55 22 33	1 0 24 2 0 58 24 9 0 55 24 15 0 52 24 21 0 50 24 27	4 16 4 17	19 19 19 16 19 12 19 9	0 29 0 29 0 29 0 29 0 29	20 16 20 16 20 17	1 44 1 44 1 44 1 44	12 20 12 20	0 29	2 40 1 1 2 40 1 1 2 41 1 1 2 41 1 1 2 41 1 1	1 2 8 1 2 7 1 2 7 1 2 7	16 36 16 36 16 36 16 35	23 22 23 22 23 22 23 22 23 22 23 23	23 24 23 24 23 24 23 24	3 18 3 21 3 23 3 26	16 32 16 31 16 30 16 29 16 29	6 9 6 9 6 9 6 9 6 9
S 20 M21 T 22 W23 T 24 F 25 S 26	19 42 19 28 19 14	17 41 4 2 20 50 3 4 23 5 2 5 24 13 1 4 24 0 0 3	-	1 13 22 41 1 18 22 42 1 23 22 42 1 28 22 42 1 33 22 42	0 47 24 33 0 44 24 39 0 41 24 44 0 39 24 49 0 36 24 54 0 33 24 59 0 30 25 4	4 21 4 22 4 22 4 23 4 23	19 2 18 58 18 55 18 51 18 48 18 44 18 41	0 30 0 30 0 30 0 30 0 30	20 19 20 20 20 21 20 21 20 22 20 23 20 23	1 44 1 44 1 44 1 44 1 45	12 21 12 21 12 21 12 21 12 22 12 22 12 22	0 28	2 42 1 1 2 42 1 1 2 42 1 1 2 43 1 1 2 43 1 1 2 43 1 1 2 44 1 1	1 2 6 1 2 5 1 2 5 1 2 5 1 2 4	16 34 16 34 16 34 16 33 16 33	23 23 23 23 23 23 23 22 23 22 23 22 23 22 23 22	23 24 23 24 23 24 23 24 23 24	3 34 3 37 3 40 3 43 3 45	16 28 16 27 16 26 16 25 16 25 16 24 16 23	6 10 6 10 6 10 6 10 6 10 6 11 6 11
S 27 M28 T 29 W30 T 31	18 44 18 29 18 13 17 57 17 s41	15 0 3 9 44 4 3 52 4 4	53 22 26 2 22 10 0 21 53 43 21 35 6 21 s15	1 45 22 35 1 49 22 32 1 52 22 27	0 27 25 8 0 25 25 13 0 22 25 17 0 19 25 20 0n16 25n24	4 23 4 22 4 22	18 37 18 33 18 30 18 26 18 s22	0 30 0 30 0 30	20 24 20 25 20 25 20 26 20 s26	1 45 1 45 1 45	12 22 12 23 12 23 12 23 12 23 12n24	0 28 0 28 0 28	2 44 1 1 2 45 1 1 2 45 1 1 2 45 1 1 2n46 1n1	2 2 3 2 2 3 2 2 2	16 32 16 31 16 31	23 22 23 23 23 23 23 23 23 23 23 s23	23 24 23 25 23 25	3 53 3 56 3 59	16 22 16 21 16 20 16 19 16s19	6 11 6 11 6 11 6 12 6n12

Julian Day Number = 2489529.5, Delta T = 95.06 sec Ecliptic obliquity = 23°25'33, Nutation = 0°00'18, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^{\circ}11'36$, Lahiri = $25^{\circ}18'36$

FEBRUARY 2104 00:00 UT

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Day	Sid.t	0	D	ğ	ρ	ď	4	ħ)∤(¥	Р	u	Ω	Ç	ķ	Day
F 1	8 41 22	11≈11'15	8 Y 24	5≈ 2	15 පි 41	24°R42	9≈39	11 ~ 45	4 8 0	25°R47	6 8 15	3°R19	1 る 59	28 m 24	16 ප 7	F 1
S 2	8 45 19	12°12'12	22°51	6°41	16°56	249522	9°54	11°50	4° 1	25 m 46	6°15	3 ට 15	1°56	28°30	16°12	S 2
S 3	8 49 15	13°13'07	6 8 59	8°22	18°11	24° 2	10°8	11°55	4° 2	25°45	6°15	3°D14	1°53	28°37	16°18	S 3
M 4	8 53 12	14°14'02	20°48	10° 3	19°25	23°44	10°22	11°59	4° 3	25°44	6°16	3°14	1°50	28°44	16°23	M 4
T 5	8 57 8	15°14'55	4 Ⅱ 19	11°44	20°40	23°25	10°36	12° 4	4° 4	25°43	6°16	3°15	1°47	28°50	16°29	T 5
W 6	9 1 5	16°15'46	17°32	13°27	21°54	23° 8	10°50	12° 8	4° 6	25°41	6°16	3°16	1°43	28°57	16°34	W 6
T 7	9 5 2	17°16'37	0930	15°10	23° 9	22°51	11° 5	12°12	4° 7	25°40	6°17	3°R17	1°40	29° 4	16°40	T 7
F 8	9 8 58	18°17'26	13°15	16°54	24°24	22°35	11°19	12°16	4° 8	25°39	6°17	3°17	1°37	29°11	16°45	F 8
S 9	9 12 55	19°18'13	25°49	18°39	25°38	22°20	11°33	12°20	4°10	25°38	6°18	3°14	1°34	29°17	16°50	S 9
S 10	9 16 51	20°19'00	8 Ω 13	20°24	26°53	22° 5	11°47	12°25	4°11	25°37	6°18	3° 9	1°31	29°24	16°56	S 10
M11	9 20 48	21°19'44	20°28	22°10	28° 8	21°51	12° 1	12°28	4°12	25°35	6°19	3° 2	1°28	29°31	17° 1	M11
T 12	9 24 44	22°20'28	2 m 36	23°57	29°22	21°38	12°15	12°32	4°14	25°34	6°19	2°53	1°24	29°38	17° 6	T 12
W13	9 28 41	23°21'10	14°37	25°45	0≈37	21°26	12°30	12°36	4°16	25°33	6°19	2°43	1°21	29°44	17°11	W13
T 14	9 32 37	24°21'51	26°32	27°33	1°52	21°14	12°44	12°40	4°17	25°31	6°20	2°33	1°18	29°51	17°16	T 14
F 15	9 36 34	25°22'31	8 ≏ 25	29°22	3° 6	21° 4	12°58	12°43	4°19	25°30	6°21	2°23	1°15	29°58	17°22	F 15
S 16	9 40 31	26°23'10	20°16	1) 11	4°21	20°54	13°12	12°47	4°21	25°28	6°21	2°15	1°12	0요 4	17°27	S 16
S 17	9 44 27	27°23'48	2 M 10	3° 1	5°36	20°44	13°26	12°50	4°22	25°27	6°22	2° 9	1°8	0°11	17°32	S 17
M18	9 48 24	28°24'24	14°10	4°52	6°50	20°36	13°40	12°54	4°24	25°26	6°22	2° 6	1° 5	0°18	17°37	M18
T 19	9 52 20	29°24'59	26°21	6°42	8° 5	20°28	13°54	12°57	4°26	25°24	6°23	2°D 5	1° 2	0°25	17°42	T 19
W20	9 56 17	0) €25'33	8 才 48	8°33	9°20	20°22	14° 8	13° 0	4°28	25°23	6°24	2° 5	0°59	0°31	17°46	W20
T 21	10 0 13	1°26'06	21°36	10°24	10°34	20°16	14°22	13° 3	4°30	25°21	6°24	2° 6	0°56	0°38	17°51	T 21
F 22	10 4 10	2°26'38	4 ⋜ 49	12°15	11°49	20°10	14°36	13° 6	4°32	25°20	6°25	2°R 6	0°53	0°45	17°56	F 22
S 23	10 8 6	3°27'08	18°30	14° 6	13° 4	20° 6	14°49	13° 9	4°34	25°18	6°26	2° 5	0°49	0°52	18° 1	S 23
S 24	10 12 3	4°27'37	2≈41	15°56	14°18	20° 2	15° 3	13°12	4°36	25°17	6°26	2° 1	0°46	0°58	18° 5	S 24
M25	10 16 0	5°28'04	17°18	17°45	15°33	20° 0	15°17	13°15	4°38	25°15	6°27	1°55	0°43	1° 5	18°10	M25
T 26	10 19 56	6°28'30	2) (17	19°32	16°48	19°57	15°31	13°18	4°40	25°14	6°28	1°47	0°40	1°12	18°15	T 26
W27	10 23 53	7°28'54	17°29	21°19	18° 2	19°56	15°45	13°20	4°42	25°12	6°29	1°37	0°37	1°18	18°19	W27
T 28	10 27 49	8°29'16	2 Υ 43	23° 3	19°17	19°D56	15°58	13°23	4°44	25°11	6°29	1°26	0°33	1°25	18°24	T 28
F 29	10 31 46	9 米 29'37	17 Y 47	24) (44	20≈32	199556	16≈12	13 × 25	4847	25 mg 9	6 8 30	1 ਰ 17	0 궁 30	1 ≏ 32	18 る 28	F 29

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F 1	17 s25	8n 4	5n 9	20 s54		22 s17		25n27	4n21	18s19		20 s27	1n45	12n24	0 s28	2n46	1n12				23 s25	4s 4	16s18	6n12
S 2	17 8	13 24	4 53	20 31	2 0	22 11	0 11	25 30	4 20	18 15	0 31	20 27	1 45	12 25	0 28	2 47	1 12	2 1	16 30	23 23	23 25	4 7	16 17	6 12
S 3			4 19		2 2		0 8			18 11		20 28		12 25		2 47	1 12				23 25		16 16	6 13
M 4	16 33		3 30	-	2 3			25 35	4 19			20 28		12 25		2 48	1 12				23 25		16 15	6 13
T 5	16 15		-	19 15	2 4	-	0 2		4 18			20 29		12 26		2 48	1 12				23 25		16 14	6 13
W 6				18 46		21 39		25 40	4 17			20 29		12 26		2 49	1 12		-		23 25		16 13	6 14
T 7				18 16		21 30		25 42		17 56		20 30		12 27		2 49	1 12				23 25		16 12	6 14
F 8	-			17 45 17 12		21 19 21 9		25 43 25 45		17 52 17 48		20 30 20 31		12 27 12 28	0 28 0 28	2 50 2 50	1 12 1 12				23 25 23 25		16 11 16 10	6 14 6 14
S 10		-		16 38		20 57		25 46		17 45		20 31		12 28		2 51	1 12				23 25	4 29		6 15
M11	14 23	-	-	16 2				25 47		17 41		20 31		12 29		2 51	1 12				23 25	4 31		6 15
T 12	14 3		-	15 25		20 32		25 47		17 37		20 32		12 29		2 52	1 12			-	23 25	4 34		6 15
W13 T 14	13 44 13 24		-	14 47 14 7		20 19		25 48 25 48		17 33		20 32		12 30		2 52	1 12			-	23 25	4 37 4 40		6 16 6 16
F 15	13 24			14 7 13 25	1 55 1 51			25 48		17 29 17 25		20 32 20 33		12 30 12 31	0 28 0 28	2 53 2 54	1 12 1 12		16 26		23 25	4 40		6 16
S 16			-	12 43	1 47			25 49		17 23		20 33		12 31	0 28	2 54	1 12				23 25	4 42		6 17
			-	-																				
S 17			-	11 59	1 42			25 49		17 18		20 33		12 32		2 55	1 12				23 25	4 48		6 17
M18			-	11 14	1 37					17 14		20 34		12 33		2 55	1 12		16 24			4 50		6 17
T 19	11 40			10 28	1 31			25 48		17 10		20 34		12 33		2 56	1 12		-	-	23 25	4 53	-	6 18
W20 T 21	11 19 10 58		2 1 0 56		1 25			25 47 25 46	3 57	17 6 17 2		20 34 20 35		12 34 12 35		2 57 2 57	1 12 1 12		16 24		23 25	4 56	16 0 15 59	6 18 6 19
F 22	10 36	-	0 30 0n14	8 2	1 10			25 45		16 58		20 35		12 35		2 58	1 12				23 25		15 58	6 19
S 23			1 26	-				25 44		16 54		20 35		12 36		2 58	1 12				23 25		15 57	6 19
	-																							
S 24	9 52		2 35	-		17 15		25 43		16 50		20 35		12 37		2 59	1 12				23 25		15 56	6 20
M25 T 26	9 30 9 8		3 36		0 43			25 42		16 46		20 36		12 38		3 0			-		23 25		15 55 15 54	6 20
W27	9 8 8 45		4 24 4 53	4 38 3 46	0 32 0 21			25 40 25 39		16 42 16 38		20 36 20 36		12 38 12 39			1 12 1 13				23 25 23 25		15 54 15 53	6 21
T 28	8 23		5 2			15 53		25 39		16 34		20 36		12 39		3 2	1 13				23 25		15 53	6 22
F 29	8 s 0	-	4n50			15 33 15 s31		25 37 25n35		16 34 16 s 30		20 36 20 s36		12 40 12n41	0 s27	3n 2	1 13 1n13	-	-		23 s25		15 52 15 s51	
1 29	05 0	1 1112 /	+1150	25 3	011 2	15851	0330	231133	51140	10830	0833	20330	11140	121141	0327	JH 2	11113	1 540	10821	23 823	23823	3 320	13331	01122

Julian Day Number = 2489560.5, Delta T = 95.10 sec Ecliptic obliquity = $23^{\circ}25'33$, Nutation = $0^{\circ}00'19$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^{\circ}11'40$, Lahiri = $25^{\circ}18'41$

MARCH 2104 00:00 UT

Day	Sid.t	0)	ğ	φ	ď	4	ħ)ұ(并	В	S.	v	Ç	ķ	Day
S 1	10 35 42	10 ¥ 29'56	2 8 34	26 ∺ 23	21≈46	19957	16≈26	13 × 27	4 8 49	25°R 7	6 8 31	1°R10	0 ප 27	1 ≏ 39	18 る 32	S 1
S 2	10 39 39	11°30'12	16°57	27°57	23° 1	19°58	16°39	13°29	4°51	25 mg 6	6°32	1궁 5	0°24	1°45	18°37	S 2
M 3	10 43 35	12°30'27	0П54	29°28	24°16	20° 1	16°53	13°31	4°54	25° 4	6°33	1° 3	0°21	1°52	18°41	M 3
T 4	10 47 32	13°30'40	14°25	oΥ54	25°30	20° 4	17° 6	13°33	4°56	25° 3	6°34	1°D 2	0°18	1°59	18°45	T 4
W 5	10 51 29	14°30'50	27°32	2°15	26°45	20° 8	17°20	13°35	4°59	25° 1	6°34	1°R 2	0°14	2° 5	18°49	W 5
T 6	10 55 25	15°30'59	109520	3°29	28° 0	20°12	17°33	13°37	5° 1	24°59	6°35	1° 2	0°11	2°12	18°53	T 6
F 7	10 59 22	16°31'05	22°52	4°38	29°14	20°17	17°47	13°39	5° 4	24°58	6°36	1° 0	0° 8	2°19	18°57	F 7
S 8	11 3 18	17°31'09	5 Ω 12	5°39	0 ∺ 29	20°23	18° 0	13°40	5° 6	24°56	6°37	0°56	0° 5	2°26	19° 1	S 8
S 9	11 7 15	18°31'12	17°22	6°32	1°43	20°30	18°13	13°42	5° 9	24°54	6°38	0°48	0° 2	2°32	19° 5	S 9
M10	11 11 11	19°31'12	29°26	7°18	2°58	20°37	18°26	13°43	5°11	24°53	6°39	0°38	29 × 759	2°39	19° 9	M10
T 11	11 15 8	20°31'10	11 Mp 25	7°56	4°13	20°45	18°40	13°44	5°14	24°51	6°40	0°25	29°55	2°46	19°13	T 11
W12	11 19 4	21°31'06	23°20	8°24	5°27	20°53	18°53	13°46	5°17	24°49	6°41	0°11	29°52	2°53	19°16	W12
T 13	11 23 1	22°31'00	5 ≏ 14	8°44	6°42	21° 2	19° 6	13°47	5°19	24°48	6°42	29 х 56	29°49	2°59	19°20	T 13
F 14	11 26 57	23°30'53	17° 6	8°56	7°56	21°11	19°19	13°48	5°22	24°46	6°43	29°43	29°46	3° 6	19°23	F 14
S 15	11 30 54	24°30'43	28°59	8°R58	9°11	21°21	19°32	13°48	5°25	24°44	6°44	29°31	29°43	3°13	19°27	S 15
S 16	11 34 51	25°30'32	10 M 55	8°52	10°25	21°32	19°45	13°49	5°28	24°43	6°45	29°21	29°39	3°19	19°30	S 16
M17	11 38 47	26°30'19	22°57	8°38	11°40	21°43	19°57	13°50	5°30	24°41	6°46	29°15	29°36	3°26	19°34	M17
T 18	11 42 44	27°30'05	5 ₹ 8	8°16	12°55	21°55	20°10	13°50	5°33	24°39	6°48	29°12	29°33	3°33	19°37	T 18
W19	11 46 40	28°29'48	17°32	7°46	14° 9	22° 7	20°23	13°51	5°36	24°38	6°49	29°10	29°30	3°40	19°40	W19
T 20	11 50 37	29°29'30	0 궁 15	7°10	15°24	22°20	20°36	13°51	5°39	24°36	6°50	29°10	29°27	3°46	19°43	T 20
F 21	11 54 33	0 Υ 29'11	13°21	6°28	16°38	22°33	20°48	13°52	5°42	24°34	6°51	29°10	29°24	3°53	19°46	F 21
S 22	11 58 30	1°28'49	26°54	5°42	17°53	22°47	21° 1	13°52	5°45	24°33	6°52	29° 8	29°20	4° 0	19°49	S 22
S 23	12 2 26	2°28'26	10≈56	4°52	19° 7	23° 1	21°13	13°R52	5°48	24°31	6°53	29° 5	29°17	4° 7	19°52	S 23
M24	12 6 23	3°28'01	25°27	4° 0	20°22	23°16	21°25	13°52	5°51	24°29	6°54	28°58	29°14	4°13	19°55	M24
T 25	12 10 20	4°27'34	10 ∺ 23	3° 6	21°36	23°31	21°38	13°52	5°54	24°28	6°56	28°49	29°11	4°20	19°58	T 25
W26	12 14 16	5°27'05	25°37	2°13	22°51	23°47	21°50	13°51	5°57	24°26	6°57	28°38	29° 8	4°27	20° 1	W26
T 27	12 18 13	6°26'34	10 Y 58	1°20	24° 5	24° 3	22° 2	13°51	6° 0	24°25	6°58	28°27	29° 5	4°33	20° 3	T 27
F 28	12 22 9	7°26'02	26°15	0°29	25°20	24°20	22°14	13°51	6° 3	24°23	6°59	28°16	29° 1	4°40	20° 6	F 28
S 29	12 26 6	8°25'27	11816	29 米 41	26°34	24°37	22°26	13°50	6° 7	24°21	7° 0	28° 8	28°58	4°47	20° 8	S 29
S 30	12 30 2	9°24'50	25°53	28°57	27°49	24°54	22°38	13°49	6°10	24°20	7° 2	28° 2	28°55	4°54	20°11	S 30
M31	12 33 59	10 Y 24'10	10耳 2	28 米 17	29 ∺ 3	25912	22≈50	13 × 49	6 8 13	24 m 18	7 8 3	27 × 759	28 × 52	5 ₾ 0	20 ට 13	M31

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S 16	1 47	18 39	3 45	6 34	3 20	8 53	1 20 2	4 51	3 11	15 27	0 35	20 37	1 50	12 55	0 27	3 13	1 13	1 39	16 17	23 25	23 26	6 2	15 35	6 30
M17	1 23	21 23	2 59	6 34	3 26	8 26		4 47		15 23		20 37		12 56		3 14		1 39	16 16	23 25	23 26	6 5	15 34	6 30
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S 22	0 35	18 28 2	2 21	5 27	3 28	6 5	1 25 2	4 28	3 0	15 4	0 36	20 37	1 51	13 1	0 27	3 17	1 13	1 36	16 15	23 25	23 25	6 18	15 29	6 33
S 23	0 59		3 21	5 3	3 23		1 25 2		2 58			20 37	1 51			3 17	1 13				23 25		15 28	6 34
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S 29			3 40	2 0	2 19	2 42	1 28 2			14 37		20 36	1 52			3 21	1 13				23 25		15 22	6 37
S 30			2 41	1 29	2 5		1 28 2			14 33		20 35	1 52	13 9		3 22	1 13				23 25		15 21	6 38
M31			2 41 1n33	0n59	2 3 1n49	1 s43	1 28 2 1 s28 2			14 33 14 s30		20 33 20 s35		13 9 13n10		3 22 3n23	1 13 1n13				23 s25		15 s20	6n38
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Julian Day Number = 2489589.5, Delta T = 95.14 sec Ecliptic obliquity = 23°25'33, Nutation = $0^{\circ}00'18$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^{\circ}11'44$, Lahiri = $25^{\circ}18'45$

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W 2	12 41 52	12°22'45	6954	27) 11	1°32	25°49	23°13	13 ×7 47	6°19	24 Mp 15	7° 5	27°R58	28°45	5°14	20°17	W 2
T 3	12 45 49	13°21'58	19°42	26°46	2°46	26° 8	23°25	13°46	6°23	24°13	7° 7	27 × 758	28°42	5°20	20°19	T 3
F 4	12 49 45	14°21'10	2 Ω 12	26°27	4° 1	26°27	23°36	13°45	6°26	24°12	7° 8	27°57	28°39	5°27	20°21	F 4
S 5	12 53 42	15°20'19	14°26	26°14	5°15	26°47	23°48	13°44	6°29	24°10	7° 9	27°53	28°36	5°34	20°23	S 5
S 6	12 57 38	16°19'25	26°30	26° 6	6°29	27° 7	23°59	13°42	6°32	24° 9	7°10	27°47	28°33	5°41	20°25	S 6
M 7	13 1 35	17°18'30	8 m 28	26°D 4	7°44	27°27	24°10	13°41	6°36	24° 7	7°12	27°38	28°30	5°47	20°27	M 7
T 8	13 5 31	18°17'32	20°21	26° 7	8°58	27°48	24°21	13°39	6°39	24° 6	7°13	27°27	28°26	5°54	20°28	T 8
W 9	13 9 28	19°16'32	2 ≏ 13	26°15	10°12	28° 9	24°32	13°38	6°42	24° 4	7°14	27°14	28°23	6° 1	20°30	W 9
T 10	13 13 24	20°15'30	14° 6	26°29	11°26	28°31	24°43	13°36	6°46	24° 3	7°16	27° 1	28°20	6° 8	20°31	T 10
F 11	13 17 21	21°14'26	26° 0	26°48	12°41	28°52	24°54	13°34	6°49	24° 1	7°17	26°49	28°17	6°14	20°33	F 11
S 12	13 21 18	22°13'20	7 M .58	27°11	13°55	29°14	25° 5	13°32	6°52	24° 0	7°18	26°39	28°14	6°21	20°34	S 12
S 13	13 25 14	23°12'12	20° 1	27°39	15° 9	29°37	25°15	13°30	6°56	23°59	7°20	26°31	28°10	6°28	20°36	S 13
M14	13 29 11	24°11'02	2 × 10	28°11	16°23	29°59	25°26	13°28	6°59	23°57	7°21	26°25	28° 7	6°34	20°37	M14
T 15	13 33 7	25° 9'51	14°28	28°47	17°38	0Ω 22	25°36	13°26	7° 2	23°56	7°22	26°22	28° 4	6°41	20°38	T 15
W16	13 37 4	26° 8'37	26°58	29°27	18°52	0°46	25°47	13°24	7° 6	23°54	7°24	26°D22	28° 1	6°48	20°39	W16
T 17	13 41 0	27° 7'22	9 궁 44	o Υ 11	20° 6	1° 9	25°57	13°22	7° 9	23°53	7°25	26°22	27°58	6°55	20°40	T 17
F 18	13 44 57	28° 6'05	22°49	0°58	21°20	1°33	26° 7	13°19	7°13	23°52	7°26	26°R23	27°55	7° 1	20°41	F 18
S 19	13 48 53	29° 4'47	6≈16	1°49	22°35	1°57	26°17	13°17	7°16	23°50	7°28	26°23	27°51	7° 8	20°41	S 19
S 20	13 52 50	0 8 3'27	20° 8	2°43	23°49	2°21	26°27	13°14	7°20	23°49	7°29	26°21	27°48	7°15	20°42	S 20
M21	13 56 47	1° 2'05	4 ∺ 26	3°40	25° 3	2°46	26°37	13°12	7°23	23°48	7°30	26°17	27°45	7°21	20°43	M21
T 22	14 0 43	2° 0'41	19° 7	4°40	26°17	3°10	26°46	13° 9	7°26	23°47	7°32	26°11	27°42	7°28	20°43	T 22
W23	14 4 40	2°59'16	4 Υ 7	5°43	27°31	3°35	26°56	13° 6	7°30	23°45	7°33	26° 4	27°39	7°35	20°44	W23
T 24	14 8 36	3°57'49	19°17	6°48	28°45	4° 1	27° 5	13° 3	7°33	23°44	7°35	25°56	27°36	7°42	20°44	T 24
F 25	14 12 33	4°56'20	4827	7°56	29°59	4°26	27°14	13° 0	7°37	23°43	7°36	25°48	27°32	7°48	20°44	F 25
S 26	14 16 29	5°54'50	19°26	9° 6	1814	4°52	27°24	12°57	7°40	23°42	7°37	25°42	27°29	7°55	20°44	S 26
S 27	14 20 26	6°53'17	4 I I 6	10°19	2°28	5°18	27°33	12°54	7°44	23°41	7°39	25°38	27°26	8° 2	20°45	S 27
M28	14 24 22	7°51'43	18°21	11°34	3°42	5°44	27°42	12°51	7°47	23°40	7°40	25°36	27°23	8° 8	20°R45	M28
T 29	14 28 19	8°50'06	299 9	12°52	4°56	6°10	27°50	12°48	7°51	23°39	7°41	25°D36	27°20	8°15	20°45	T 29
W30	14 32 16	9 8 48'28	159528	14 Υ 11	6 8 10	6Ω 37	27≈59	12 × 744	7 8 54	23 m/38	7 8 43	25 × 37	27 × 16	8 ₾ 22	20 る 44	W30

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M14	9 22	22 38	2 5	2 4	1 28	5 10	1 22	22 29	2 24	13 40	0 40	20 31	1 54	13 25	0 27	3 31	1 13	1 24 16	12 23 2	3 23 25	7 17	15 9	6 47
T 15	9 44	23 34	1 3	1 59	1 38	5 39	1 22	22 23	2 22	13 37	0 40	20 31	1 54	13 26	0 27	3 31	1 13	1 23 16	12 23 2	3 23 25	7 19	15 8	6 47
W16	10 5	23 20	0n 3	1 52	1 48	6 8	1 21	22 16	2 21	13 33	0 41	20 30	1 54	13 27	0 27	3 32	1 13	1 23 16	12 23 2	3 23 25	7 22	15 7	6 48
T 17	10 27	21 53	1 11	1 42	1 56	6 37	1 20	22 10	2 20	13 30	0 41	20 30	1 54	13 29	0 26	3 32	1 13	1 22 16	12 23 2	3 23 25	7 24	15 6	6 48
F 18	10 48	19 15	2 17	1 31	2 4	7 6	1 19	22 3	2 18	13 27	0 41	20 30	1 54	13 30	0 26	3 33	1 13	1 22 16	12 23 2	3 23 25	7 27	15 6	6 49
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W23	12 30	6 16	5 3	0 6	2 35	9 27	1 13	21 28	2 11	13 11	0 42	20 28	1 55	13 35	0 26	3 35	1 13	1 19 16			7 40	15 2	6 52
T 24	12 50	11 52	4 41	0n16	2 39	9 55		21 21	2 10		0 42	20 27		13 36		3 36	1 13		_	2 23 24	7 42	-	6 53
F 25	13 10		4 0	0 39	2 43	10 22		21 14	2 9		0 42	20 27	1 55	13 38	0 26	3 36	1 13	1 18 16			7 45	15 1	6 53
S 26	13 29	20 30	3 2	1 4	2 46	10 50	1 8	21 6	2 8	13 2	0 43	20 26	1 55	13 39	0 26	3 37	1 13	1 18 16	11 23 2	1 23 24	7 47	15 0	6 54
S 27	13 48	22 48	1 53	1 30	2 48	11 16	1 7	20 59	2 6	12 59	0 43	20 26	1 55	13 40	0 26	3 37	1 13	1 18 16	11 23 2	1 23 24	7 50	15 0	6 54
M28	14 7	23 34	0 39	1 58	2 50	11 43	1 5	20 51	2 5	12 56	0 43	20 25	1 55	13 41	0 26	3 38	1 13	1 17 16	11 23 2	1 23 24	7 52	14 59	6 55
T 29	14 26	22 49	0s35	2 27	2 51	12 9	1 4	20 43	2 4	12 53	0 43	20 25	1 55	13 42	0 26	3 38	1 12	1 17 16	11 23 2	1 23 24	7 55	14 58	6 56
W30	14n45	20n47	1 s45	2n57	2 s 5 1	12n36	1 s 2	20n35	2n 3	12 s 5 1	0 s43	$20\mathrm{s}25$	1n55	13n43	0 s26	3n38	1n12	1s16 16s	11 23 s2	1 23 s24	7 s 5 7	14 s 5 8	6n56

 $\label{eq:Julian Day Number = 2489620.5, Delta T = 95.18 sec} \\ Ecliptic obliquity = 23°25'33, Nutation = 0°00'17, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 26°11'49, Lahiri = 25°18'49}$

MAY 2104 00:00 UT

Day	Sid.t	0	D	ğ	·	ď	4	ħ)Å(¥	Р	₽.	u	Ç	Ŷ,	Day
T 1	14 36 12	10846'47	28923	15 Y 33	7 8 24	7 Ω 4	28≈ 8	12°R41	7 8 57	23°R37	7 8 44	25 ∡ ³38	27 × 13	8 ₾ 29	20°R44	T 1
F 2	14 40 9	11°45'04	10№56	16°56	8°38	7°31	28°16	12 × 38	8° 1	23 Mp 36	7°46	25°R39	27°10	8°35	20 궁 44	F 2
S 3	14 44 5	12°43'19	23°12	18°22	9°52	7°58	28°24	12°34	8° 4	23°35	7°47	25°38	27° 7	8°42	20°44	S 3
S 4	14 48 2	13°41'32	5 m)16	19°50	11° 6	8°25	28°32	12°31	8° 8	23°34	7°48	25°36	27° 4	8°49	20°43	S 4
M 5	14 51 58	14°39'43	17°12	21°20	12°20	8°53	28°40	12°27	8°11	23°33	7°50	25°32	27° 1	8°56	20°42	M 5
T 6	14 55 55	15°37'52	29° 4	22°52	13°34	9°21	28°48	12°23	8°15	23°32	7°51	25°26	26°57	9° 2	20°42	T 6
W 7	14 59 51	16°36'00	10₽56	24°26	14°48	9°49	28°56	12°20	8°18	23°31	7°52	25°20	26°54	9° 9	20°41	W 7
T 8	15 3 48	17°34'05	22°50	26° 1	16° 2	10°17	29° 4	12°16	8°22	23°30	7°54	25°12	26°51	9°16	20°40	T 8
F 9	15 7 44	18°32'09	4 M .49	27°39	17°16	10°45	29°11	12°12	8°25	23°29	7°55	25° 6	26°48	9°22	20°39	F 9
S 10	15 11 41	19°30'11	16°54	29°19	18°30	11°13	29°18	12° 8	8°28	23°28	7°57	25° 0	26°45	9°29	20°39	S 10
S 11	15 15 38	20°28'11	29° 7	1 8 0	19°44	11°42	29°25	12° 4	8°32	23°28	7°58	24°56	26°42	9°36	20°38	S 11
M12	15 19 34	21°26'10	11 × 729	2°44	20°58	12°11	29°32	12° 0	8°35	23°27	7°59	24°53	26°38	9°43	20°36	M12
T 13	15 23 31	22°24'07	24° 2	4°29	22°12	12°40	29°39	11°56	8°39	23°26	8° 1	24°D53	26°35	9°49	20°35	T 13
W14	15 27 27	23°22'03	6 පි 46	6°17	23°26	13° 9	29°46	11°52	8°42	23°26	8° 2	24°53	26°32	9°56	20°34	W14
T 15	15 31 24	24°19'58	19°45	8° 6	24°40	13°38	29°53	11°48	8°45	23°25	8° 3	24°55	26°29	10° 3	20°33	T 15
F 16	15 35 20	25°17'51	2≈58	9°58	25°54	14° 8	29°59	11°44	8°49	23°24	8° 5	24°56	26°26	10° 9	20°31	F 16
S 17	15 39 17	26°15'43	16°29	11°51	27° 7	14°37	0 ∺ 5	11°40	8°52	23°24	8° 6	24°57	26°22	10°16	20°30	S 17
S 18	15 43 14	27°13'34	0) 19	13°46	28°21	15° 7	0°11	11°35	8°55	23°23	8° 7	24°R58	26°19	10°23	20°28	S 18
M19	15 47 10	28°11'23	14°27	15°43	29°35	15°37	0°17	11°31	8°59	23°23	8° 8	24°57	26°16	10°30	20°27	M19
T 20	15 51 7	29° 9'12	28°52	17°42	0∏49	16° 7	0°23	11°27	9° 2	23°22	8°10	24°55	26°13	10°36	20°25	T 20
W21	15 55 3	0耳 6'59	13 Y 30	19°43	2° 3	16°37	0°29	11°22	9° 5	23°22	8°11	24°52	26°10	10°43	20°23	W21
T 22	15 59 0	1° 4'45	28°17	21°46	3°17	17° 7	0°34	11°18	9° 8	23°21	8°12	24°49	26° 7	10°50	20°21	T 22
F 23	16 2 56	2° 2'31	138 5	23°50	4°31	17°38	0°39	11°14	9°12	23°21	8°14	24°46	26° 3	10°56	20°19	F 23
S 24	16 653	3° 0'15	27°47	25°56	5°44	18° 8	0°44	11° 9	9°15	23°21	8°15	24°43	26° 0	11° 3	20°17	S 24
S 25	16 10 49	3°57'57	12 Ⅱ 15	28° 4	6°58	18°39	0°49	11° 5	9°18	23°20	8°16	24°42	25°57	11°10	20°15	S 25
M26	16 14 46	4°55'39	26°24	0 Ⅱ 12	8°12	19°10	0°54	11° 1	9°21	23°20	8°17	24°D41	25°54	11°17	20°13	M26
T 27	16 18 43	5°53'19	109510	2°22	9°26	19°41	0°59	10°56	9°25	23°20	8°19	24°42	25°51	11°23	20°11	T 27
W28	16 22 39	6°50'57	23°32	4°33	10°40	20°12	1° 3	10°52	9°28	23°20	8°20	24°43	25°48	11°30	20° 9	W28
T 29	16 26 36	7°48'35	6 Ω 30	6°44	11°53	20°43	1° 7	10°47	9°31	23°19	8°21	24°44	25°44	11°37	20° 6	T 29
F 30	16 30 32	8°46'10	19° 7	8°56	13° 7	21°14	1°11	10°43	9°34	23°19	8°22	24°46	25°41	11°44	20° 4	F 30
S 31	16 34 29	9 Ⅱ 43'45	1 m 27	11 II 8	14∏21	21 Ω 46	1 米 15	10 ∡ 38	9 8 37	23 m 19	8 8 24	24 ∡ ⁴46	25 ₹ 38	11 ≏ 50	20중 2	S 31

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T 1 F 2 S 3	15n 3 15 21 15 39	17n44 2s48 13 57 3 40 9 39 4 21	4 1	2 s 5 1 13 n 1 2 5 1 13 27 2 5 0 13 5 2	1s 0 20n27 0 59 20 19 0 57 20 11	2 0	12 s48 12 45 12 43	0 44	20 s24 20 24 20 23	1 55	13n44 13 45 13 47		3n39 1n12 3 39 1 12 3 39 1 12	1 15 16 11	23 21	23 24	8 2	14 57	6n57 6 57 6 58
S 4 M 5 T 6 W 7 T 8	15 56 16 14 16 31 16 47 17 4	5 4 4 50 0 21 5 6 4s21 5 9 8 53 4 58 13 7 4 35	5 45 6 22 7 0 7 38	2 48 14 17 2 46 14 41 2 43 15 5 2 39 15 29 2 35 15 52	0 55 20 2 0 53 19 54 0 51 19 46 0 49 19 37 0 47 19 28	1 56 1 55 1 54 1 53	12 40 12 37 12 35 12 32 12 30	0 44 0 45 0 45 0 45	20 23 20 22 20 22 20 21 20 21	1 55 1 55 1 55 1 55	13 48 13 49 13 50 13 51 13 52	0 26 0 26 0 26 0 26	3 40 1 12 3 40 1 12 3 40 1 12 3 41 1 12 3 41 1 12	1 14 16 11 1 14 16 11 1 13 16 11 1 13 16 11	23 21 23 21 23 21 23 20	23 24 23 23 23 23 23 23	8 10 8 12 8 15 8 17	14 55 14 55 14 54 14 54	6 59 6 59 7 0 7 0 7 1
F 9 S 10 S 11		16 52 3 59 19 56 3 12 22 10 2 16	8 57	2 31 16 15 2 26 16 38 2 20 17 0	0 45 19 19 0 43 19 10 0 41 19 1	1 51	12 28 12 25 12 23	0 46	20 20 20 20 20 19	1 56	13 53 13 54 13 55	0 26	3 41 1 12 3 42 1 12 3 42 1 12	1 12 16 11	23 20	23 23	8 22	14 53	7 2 7 2 7 3
M12 T 13 W14 T 15 F 16 S 17	18 7 18 22 18 36 18 51 19 5	23 21 1 12 23 22 0 5 22 11 1n 5 19 48 2 12 16 20 3 14	10 19 11 0 11 42 12 25 13 8	2 14 17 22 2 8 17 43 2 1 18 4 1 53 18 24 1 45 18 44 1 37 19 3	0 39 18 52 0 37 18 43 0 35 18 33 0 33 18 24 0 30 18 14 0 28 18 5	1 48 1 47 1 46 1 45 1 44	12 21 12 19 12 16	0 46 0 46 0 46 0 47 0 47	20 18 20 18 20 17 20 17	1 56 1 56 1 56	13 56 13 58 13 59 14 0 14 1	0 26 0 26 0 26 0 26 0 26	3 42 1 12 3 42 1 12 3 43 1 12 3 43 1 12 3 43 1 12 3 43 1 12	1 12 16 11 1 11 16 11 1 11 16 11 1 11 16 12 1 10 16 12	23 20 23 20 23 20 23 20 23 20 23 20	23 23 23 23 23 23 23 23 23 23	8 27 8 30 8 32 8 34 8 37	14 52 14 52 14 51 14 51 14 51	7 3 7 4 7 4 7 5 7 6 7 6
S 18 M19 T 20 W21 T 22 F 23 S 24	19 32 19 45 19 57 20 10 20 22 20 33 20 45	1 22 5 8 4n20 5 13 9 53 4 57 14 56 4 22 19 5 3 29	15 16 15 59 16 42 17 23 18 5	1 28 19 22 1 19 19 40 1 10 19 58 1 0 20 15 0 50 20 32 0 40 20 48 0 29 21 3	0 26 17 55 0 24 17 45 0 21 17 35 0 19 17 25 0 17 17 15 0 14 17 4 0 12 16 54	1 41 1 40 1 39 1 38 1 37	12 7 12 5 12 3 12 1	0 48 0 49	20 15	1 56 1 56	14 4 14 5 14 6 14 7 14 8	0 26 0 26 0 26	3 44 1 12 3 44 1 12	1 9 16 12 1 9 16 12 1 9 16 12 1 9 16 12 1 8 16 12	23 20 23 20 23 20 23 20 23 19 23 19	23 22 23 22 23 22 23 22 23 22 23 22	8 44 8 47 8 49 8 52 8 54	14 50 14 49 14 49 14 49 14 49	7 7 7 7 7 8 7 8 7 9 7 9 7 10
T 29 F 30		23 13 0s 9 21 38 1 24 18 52 2 32 15 14 3 31 11 0 4 17	20 3 20 40 21 15 21 48 22 20	0 19 21 18 0 8 21 33 0n 2 21 46 0 13 22 0 0 23 22 12 0 34 22 24 0n43 22n35	0 10 16 43 0 7 16 33 0 5 16 22 0 2 16 11 0n 0 16 0 0 2 15 49 0n 5 15n38	1 33 1 32 1 31 1 30 1 29	11 57 11 55 11 54 11 52 11 51 11 50 11 s49	0 49 0 50 0 50 0 50 0 50	20 9	1 55 1 55 1 55 1 55 1 55	14 10 14 11 14 12 14 13 14 14 14 15 14n16	0 26 0 26 0 26 0 26 0 26	3 45 1 12 3 145 1 112	1 7 16 13 1 7 16 13 1 7 16 13 1 7 16 13 1 6 16 13	23 19 23 19 23 19 23 19 23 19 23 19 23 s19	23 22 23 22 23 22 23 21 23 21	9 1 9 4 9 6 9 9 9 11	14 48 14 48 14 48 14 48 14 47	7 10 7 11 7 11 7 12 7 12 7 13 7n13

Julian Day Number = 2489650.5, Delta T = 95.22 sec Ecliptic obliquity = 23°25'32, Nutation = $0^{\circ}00'16$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^{\circ}11'53$, Lahiri = $25^{\circ}18'53$

JUNE 2104 00:00 UT

UUIN	L 2104														00.0	0 01
Day	Sid.t	0	D	ğ	P	♂ [™]	4	ħ)Å(并	В	S.	v	Ç	Ŷ,	Day
S 1	16 38 25	10 II 41'17	13 m 33	13耳20	15 Ⅱ 35	22 Ω 17	1) 19	10°R34	9 8 40	23°R19	8 8 25	24°R47	25 ₹ 35	11 ≏ 57	19°R59	S 1
M 2	16 42 22	11°38'49	25°30	15°32	16°48	22°49	1°22	10 × 29	9°43	23 m 19	8°26	24 × 746	25°32	12° 4	19 る 57	M 2
T 3	16 46 18	12°36'19	7 ≏ 23	17°42	18° 2	23°21	1°26	10°25	9°46	23°19	8°27	24°45	25°28	12°10	19°54	T 3
W 4	16 50 15	13°33'48	19°16	19°52	19°16	23°53	1°29	10°21	9°49	23°D19	8°28	24°44	25°25	12°17	19°51	W 4
T 5	16 54 12	14°31'16	1 M .13	22° 1	20°30	24°25	1°32	10°16	9°52	23°19	8°29	24°42	25°22	12°24	19°49	T 5
F 6		15°28'42	13°17	24° 9	21°43	24°57	1°35	10°12	9°55	23°19	8°31	24°41	25°19	12°31	19°46	F 6
S 7	17 2 5	16°26'08	25°30	26°14	22°57	25°29	1°37	10° 7	9°58	23°19	8°32	24°40	25°16	12°37	19°43	S 7
S 8	17 6 1	17°23'32	7 ₹ 55	28°18	24°11	26° 2	1°40	10° 3	10° 1	23°19	8°33	24°39	25°13	12°44	19°40	S 8
M 9	1, , , ,	18°20'56	20°33	0ණ20	25°24	26°34	1°42	9°59	10° 4	23°19	8°34	24°D39	25° 9	12°51	19°37	M 9
T 10		19°18'19	3 ට 25	2°20	26°38	27° 7	1°44	9°54	10° 7	23°19	8°35	24°39	25° 6	12°57	19°34	T 10
W11	17 17 51	20°15'41	16°31	4°18	27°52	27°39	1°46	9°50	10°10	23°20	8°36	24°39	25° 3	13° 4	19°31	W11
T 12	17 21 47	21°13'02	29°51	6°14	29° 5	28°12	1°48	9°45	10°12	23°20	8°37	24°40	25° 0	13°11	19°28	T 12
F 13	17 25 44	22°10'23	13 ≈ 24	8° 7	0ഇ19	28°45	1°49	9°41	10°15	23°20	8°38	24°40	24°57	13°18	19°25	F 13
S 14	17 29 41	23° 7'43	27°10	9°58	1°33	29°18	1°51	9°37	10°18	23°21	8°39	24°40	24°54	13°24	19°22	S 14
S 15	17 33 37	24° 5'02	11) 7	11°47	2°46	29°51	1°52	9°33	10°21	23°21	8°40	24°40	24°50	13°31	19°19	S 15
M16	17 37 34	25° 2'22	25°14	13°33	4° 0	0 m 24	1°53	9°28	10°23	23°21	8°41	24°40	24°47	13°38	19°15	M16
T 17	17 41 30	25°59'40	9Υ29	15°17	5°14	0°57	1°53	9°24	10°26	23°22	8°42	24°40	24°44	13°44	19°12	T 17
W18	17 45 27	26°56'59	23°49	16°58	6°27	1°30	1°54	9°20	10°29	23°22	8°43	24°40	24°41	13°51	19° 9	W18
T 19	17 49 23	27°54'17	8 8 12	18°36	7°41	2° 4	1°54	9°16	10°31	23°23	8°44	24°40	24°38	13°58	19° 5	T 19
F 20		28°51'35	22°33	20°13	8°55	2°37	1°R55	9°12	10°34	23°23	8°45	24°41	24°34	14° 5	19° 2	F 20
S 21	17 57 16	29°48'53	6 Ⅱ 48	21°46	10° 8	3°11	1°55	9° 8	10°36	23°24	8°46	24°41	24°31	14°11	18°58	S 21
S 22	18 1 13	09୍ଦ46'11	20°53	23°17	11°22	3°45	1°54	9° 4	10°39	23°24	8°47	24°R41	24°28	14°18	18°55	S 22
M23	18 5 10	1°43'28	49544	24°46	12°36	4°19	1°54	9° 0	10°41	23°25	8°48	24°41	24°25	14°25	18°51	M23
T 24	18 9 6	2°40'44	18°17	26°12	13°49	4°52	1°53	8°56	10°44	23°25	8°49	24°41	24°22	14°31	18°48	T 24
W25		3°38'00	1 Q 32	27°35	15° 3	5°26	1°53	8°52	10°46	23°26	8°50	24°40	24°19	14°38	18°44	W25
T 26	18 16 59	4°35'16	14°27	28°56	16°16	6° 1	1°52	8°48	10°49	23°27	8°51	24°39	24°15	14°45	18°41	T 26
F 27	18 20 56	5°32'31	27° 4	0Ω14	17°30	6°35	1°50	8°45	10°51	23°28	8°51	24°37	24°12	14°52	18°37	F 27
S 28	18 24 52	6°29'45	9 m 25	1°30	18°44	7° 9	1°49	8°41	10°53	23°28	8°52	24°36	24° 9	14°58	18°34	S 28
S 29	18 28 49	7°26'59	21°32	2°42	19°57	7°43	1°47	8°37	10°55	23°29	8°53	24°35	24° 6	15° 5	18°30	S 29
M30	18 32 45	89524'12	3 ₾ 30	3 Ω 52	219511	8 m /18	1) (46	8 ₮ 34	10858	23 Mp 30	8 8 54	24°D34	24 × ⁷ 3	15 ≏ 12	18 궁 26	M30

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S 1	22n 2	1n41	5 s 1 0	23n16	0n53	22n46	0n 7	15n27	1n27	11 s48	0 s 5 1	20s 7	1n55	14n17	0 s 2 6	3n45	1n12	1s 6 16	5s14	23 s19	23 s21	9s16	14 s47	7n13
M 2	22 10	3 s 3	5 16	23 40	1 2		0 10	15 16	1 26	11 47	0 51	20 7		14 18		3 45	1 12			23 19			14 47	7 14
T 3	22 18	7 39	-	24 2	1 11		-	-	1 26	11 46	0 51			14 19		3 45	1 12			23 19	-		14 47	7 14
W 4		11 58	4 48	24 21	1 19		0 14	14 53	1 25	11 45	0 52			14 20	0 26	3 45	1 11			23 19		9 23	14 47	7 15
T 5		15 52		24 37	1 26	_			1 24	11 44	0 52			14 21	0 26	3 45	1 11			23 19			14 47	7 15
F 6		19 8			1 33						0 52			14 22		3 45	1 11			23 19			14 47	7 16
S 7	22 44	21 38	2 34	25 2	1 39	23 36	0 21	14 18	1 22	11 43	0 53	20 4	1 55	14 23	0 26	3 45	1 11	1 5 16	5 15	23 19	23 20	9 30	14 47	7 16
S 8	22 50		-	25 10	1 45		0 24	-	1 21	11 42				14 24		3 45	1 11				23 20		14 47	7 16
M 9	22 55	23 28	0 23	25 15	1 50	23 47	0 26	13 54	1 20	11 41	0 53		1 54	14 25	0 26	3 45	1 11	-	-	23 19		9 35	14 47	7 17
T 10		22 34		25 18		23 51				11 41	0 53			14 25		3 44	1 11			23 19			14 47	7 17
		20 27		25 18	1 57			13 30		11 40	0 54			14 26			1 11			23 19			14 47	7 17
T 12	23 8	17 11	-		1 59			-		11 40	0 54			14 27		3 44	1 11			23 19			14 47	7 18
F 13				-	2 1					11 40	0 54			14 28		3 44	1 11			23 19			14 47	7 18
S 14	23 15	8 2	4 41	25 5	2 2	24 2	0 37	12 53	1 15	11 40	0 54	20 0	1 54	14 29	0 26	3 44	1 11	1 4 16	5 16	23 19	23 20	9 47	14 47	7 18
S 15	23 18	2 38	5 8	24 56	2 2		0 40	12 41	1 14	11 39	0 55		1 54	14 30	0 26	3 44	1 11			23 19		9 49	14 48	7 19
M16	23 20	2n57	-	24 45	2 2			-		11 39	0 55		-	14 31	0 26	3 44	1 11			23 19			14 48	7 19
T 17	23 22	8 27		24 33	2 0			-		11 39	0 55			14 31	0 26	3 43	1 11			23 19			14 48	7 19
			-	24 19	1 59			-		11 39		19 58		14 32		3 43	1 11			23 19			14 48	7 20
	-		3 50		1 56			11 50		11 40	0 56			14 33		3 43	1 11			23 19			14 48	7 20
F 20	23 25			23 45		23 58		11 37		11 40		19 57		14 34		3 43	1 11				23 19		14 48	7 20
S 21	23 26	23 2	1 38	23 27	1 48	23 54	0 52	11 24	1 9	11 40	0 56	19 57	1 53	14 35	0 26	3 42	1 11	1 4 16	5 18	23 19	23 19	10 3	14 49	7 21
S 22	23 25	23 28	0 21	23 7	1 44	23 50	0 54	11 11	1 8	11 40	0 57	19 56	1 53	14 35	0 26	3 42	1 11	1 3 16	5 18	23 19	23 19	10 6	14 49	7 21
M23	23 25	22 25	0 s 5 5	22 46	1 38	23 46	0 56	10 58	1 7	11 41	0 57	19 56	1 53	14 36	0 26	3 42	1 11	1 3 16	5 18	23 19	23 18	10 8	14 49	7 21
T 24	23 24	20 5	2 7	22 24	1 32	23 40	0 58	10 45	1 6	11 41	0 57	19 55		14 37		3 42	1 11	1 3 16	5 18	23 19	23 18	10 10	14 49	7 21
W25	23 23	16 43	3 10	22 2	1 25	23 34	1 0	10 32	1 6	11 42	0 57	19 55	1 53	14 38	0 27	3 41	1 11	1 3 16	5 19	23 19	23 18	10 13	14 50	7 21
1		12 38	4 2	21 38		23 27	1 2	10 18	1 5		0 58			14 38		3 41	1 11				23 18			7 22
F 27	23 19	8 5	4 40	21 14	1 10	23 20	1 4	10 5	1 4	11 43		19 54		14 39	0 27	3 41	1 11				23 18			7 22
S 28	23 16	3 19	5 5	20 49	1 2	23 12	1 5	9 51	1 3	11 44	0 58	19 54	1 52	14 40	0 27	3 40	1 11	1 3 16	5 19	23 19	23 18	10 20	14 50	7 22
S 29	23 13	1 s29	5 16	20 24	0 53	23 3	1 7	9 38	1 2	11 45	0 59	19 53	1 52	14 40	0 27	3 40	1 11	1 3 16	5 20	23 19	23 18	10 22	14 51	7 22
M30	23n10	6s10	5 s 1 2	19n59	0n43	22n53	1n 9	9n24	1n 1	11 s45	0 s59	19 s 5 3	1n52	14n41	0 s27	3n40	1n11	1s 3 16	5s20	23 s19	23 s17	10 s24	14s51	7n22

Julian Day Number = 2489681.5, Delta T = 95.26 sec Ecliptic obliquity = $23^{\circ}25'32$, Nutation = $0^{\circ}00'17$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^{\circ}11'57$, Lahiri = $25^{\circ}18'57$

JULY 2104 00:00 UT

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T 1	18 36 42	99521'25	15 ≏ 24	4⋒59	229524	8 m 52	1°R44	8°R30	118 0	23 m 31	8 8 55	24 × 34	24 ×7 0	15 ≏ 18	18°R23	T 1
W 2	18 40 39	10°18'38	27°17	6° 2	23°38	9°27	1) (42	8 才 27	11° 2	23°32	8°55	24°35	23°56	15°25	18 궁 19	W 2
T 3	18 44 35	11°15'50	9 M _15	7° 3	24°52	10° 1	1°39	8°23	11° 4	23°33	8°56	24°36	23°53	15°32	18°15	T 3
F 4	18 48 32	12°13'01	21°22	8° 1	26° 5	10°36	1°37	8°20	11° 6	23°33	8°57	24°38	23°50	15°39	18°11	F 4
S 5	18 52 28	13°10'13	3 ∡ 741	8°55	27°19	11°11	1°34	8°17	11° 8	23°34	8°58	24°39	23°47	15°45	18° 8	S 5
S 6	18 56 25	14° 7'24	16°16	9°46	28°32	11°46	1°31	8°14	11°10	23°35	8°58	24°40	23°44	15°52	18° 4	S 6
M 7	19 0 21	15° 4'36	29° 9	10°33	29°46	12°21	1°28	8°11	11°12	23°36	8°59	24°R40	23°40	15°59	18° 0	M 7
T 8	19 4 18	16° 1'47	12 る 21	11°17	0Ω 59	12°56	1°25	8° 8	11°14	23°38	9° 0	24°39	23°37	16° 5	17°57	T 8
W 9	19 8 15	16°58'58	25°51	11°57	2°13	13°31	1°21	8° 5	11°16	23°39	9° 0	24°37	23°34	16°12	17°53	W 9
T 10	19 12 11	17°56'09	9 ≈ 37	12°33	3°26	14° 6	1°18	8° 2	11°18	23°40	9° 1	24°35	23°31	16°19	17°49	T 10
F 11	19 16 8	18°53'21	23°36	13° 5	4°40	14°41	1°14	7°59	11°19	23°41	9° 1	24°31	23°28	16°26	17°45	F 11
S 12	19 20 4	19°50'32	7) (45	13°33	5°53	15°17	1°10	7°56	11°21	23°42	9° 2	24°28	23°25	16°32	17°42	S 12
S 13	19 24 1	20°47'44	22° 0	13°57	7° 7	15°52	1° 6	7°53	11°23	23°43	9° 3	24°25	23°21	16°39	17°38	S 13
M14	19 27 57	21°44'57	6 Υ 16	14°16	8°20	16°28	1° 2	7°51	11°25	23°44	9° 3	24°23	23°18	16°46	17°34	M14
T 15	19 31 54	22°42'10	20°32	14°30	9°34	17° 3	0°57	7°48	11°26	23°46	9° 4	24°D22	23°15	16°52	17°30	T 15
W16	19 35 50	23°39'24	4 8 43	14°40	10°47	17°39	0°53	7°46	11°28	23°47	9° 4	24°23	23°12	16°59	17°27	W16
T 17	19 39 47	24°36'38	18°48	14°46	12° 1	18°14	0°48	7°43	11°29	23°48	9° 5	24°24	23° 9	17° 6	17°23	T 17
F 18	19 43 44	25°33'53	2 Ⅱ 45	14°R46	13°14	18°50	0°43	7°41	11°31	23°50	9° 5	24°25	23° 5	17°13	17°19	F 18
S 19	19 47 40	26°31'09	16°34	14°42	14°28	19°26	0°38	7°39	11°32	23°51	9° 5	24°26	23° 2	17°19	17°16	S 19
S 20	19 51 37	27°28'25	0913	14°33	15°41	20° 2	0°33	7°37	11°33	23°52	9° 6	24°R26	22°59	17°26	17°12	S 20
M21	19 55 33	28°25'42	13°39	14°19	16°54	20°38	0°27	7°35	11°35	23°54	9° 6	24°25	22°56	17°33	17° 8	M21
T 22	19 59 30	29°22'59	26°53	14° 0	18° 8	21°14	0°22	7°33	11°36	23°55	9° 7	24°22	22°53	17°39	17° 5	T 22
W23	20 3 26	$0\Omega 20'17$	9 £ 53	13°37	19°21	21°50	0°16	7°31	11°37	23°57	9° 7	24°17	22°50	17°46	17° 1	W23
T 24	20 7 23	1°17'35	22°38	13° 9	20°35	22°27	0°10	7°29	11°39	23°58	9° 7	24°11	22°46	17°53	16°58	T 24
F 25	20 11 19	2°14'54	5Mm, 8	12°38	21°48	23° 3	0° 4	7°28	11°40	24° 0	9° 8	24° 5	22°43	18° 0	16°54	F 25
S 26	20 15 16	3°12'13	17°25	12° 3	23° 1	23°39	29≈58	7°26	11°41	24° 1	9° 8	23°58	22°40	18° 6	16°51	S 26
S 27	20 19 13	4° 9'32	29°31	11°25	24°15	24°16	29°52	7°25	11°42	24° 3	9° 8	23°53	22°37	18°13	16°47	S 27
M28	20 23 9	5° 6'52	11 ≏ 28	10°45	25°28	24°52	29°45	7°23	11°43	24° 4	9° 8	23°48	22°34	18°20	16°44	M28
T 29	20 27 6	6° 4'13	23°20	10° 2	26°42	25°29	29°39	7°22	11°44	24° 6	9° 9	23°46	22°31	18°26	16°40	T 29
W30	20 31 2	7° 1'34	5 M 12	9°19	27°55	26° 5	29°32	7°21	11°45	24° 8	9° 9	23°D45	22°27	18°33	1 <u>6°</u> 37	W30
T 31	20 34 59	7Ω 58'55	17 M 9	8 Ω 35	29 N 8	26 M 42	29≈25	7 . ₹20	11846	24Mp 9	9 8 9	23 × 745	22 × 24	18 ≏ 40	16 ට 33	T 31

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S 6 M 7 T 8 W 9 T 10 F 11	22 34 22 28 22 21	23 1 0n2 21 16 1 3 18 18 2 4	3 16 10 2 15 47	0 37 21 0 51 21 1 4 20 1 18 20	29	7 47	0 55 0 55 0 54	11 52 11 53 11 55 11 56 11 58 11 59	1 0 1 1 1 1 1 1 1 1 1 2	19 50 19 50 19 50 19 49	1 51 1 50 1 50 1 50	14 45 14 46 14 46 14 47 14 47 14 48	0 27 0 27 0 27 0 27 0 27	3 37 3 37 3 36 3 36 3 36 3 35	1 11 1 10 1 10 1 10 1 10 1 10	1 4 16 22	2 23 19 2 23 19 2 23 19 3 23 19	23 16 23 16 23 16 23 16	10 41 10 43 10 45 10 47	14 54 14 54 14 54 14 55	7 23 7 23 7 23 7 23 7 23 7 23 7 23
S 12 S 13 M14 T 15 W16 T 17 F 18 S 19		1n37 5 1 7 11 5 12 21 4 4 16 50 3 5 20 20 3 22 35 1 5	9 13 48 3 13 33	2 1 19 2 15 19 2 30 19 2 44 18 2 59 18 3 13 18	34	6 35 6 21 6 6 5 52 5 37 5 23 5 8 4 53	0 51 0 51 0 50 0 49 0 48 0 48 0 47 0 46	12 3 12 5 12 6 12 8 12 10	1 2 1 2 1 3 1 3 1 3 1 3 1 4	19 49 19 48 19 48 19 48 19 48 19 48	1 49 1 49 1 49 1 49 1 49 1 48	14 50 14 50	0 27 0 27 0 27 0 27 0 27 0 27 0 27	3 35 3 34 3 34 3 33 3 33 3 32 3 31 3 31	1 10 1 10 1 10 1 10 1 10 1 10 1 10 1 10	1 5 16 24 1 5 16 25	23 18 23 18 23 18 23 18 23 18 5 23 18 5 23 18	23 16 23 15 23 15 23 15 23 15 23 15 23 15	10 54 10 56 10 59 11 1 11 3 11 6	14 56 14 57 14 57	7 23 7 23 7 23 7 23 7 23 7 23 7 23 7 23
S 20 M21 T 22 W23 T 24 F 25 S 26		22 54 0s3 21 1 1 4 18 2 2 4 14 12 3 4 9 48 4 2 5 4 4 5	1 12 57 3 12 49 8 12 42 2 12 38	3 40 17 3 53 17 4 5 16 4 16 16 4 26 16 4 35 15	34	4 38 4 23 4 8 3 53 3 38 3 23	0 45 0 44 0 44 0 43 0 42 0 41 0 41	12 16 12 18 12 21 12 23	1 4 1 4 1 4 1 5 1 5 1 5	19 47 19 47 19 47 19 47 19 47 19 47	1 48 1 48 1 48 1 47 1 47 1 47	14 52 14 52 14 53 14 53	0 27 0 27 0 27 0 27 0 27 0 27	3 30 3 30 3 29 3 29 3 28 3 27 3 27	1 10 1 10 1 10 1 10 1 10 1 10 1 10	1 5 16 20 1 6 16 20 1 6 16 20 1 6 16 2	5 23 19 5 23 18 5 23 18 7 23 18 7 23 18 7 23 18	23 14 23 14 23 14 23 14 23 14 23 14	11 10 11 12 11 15 11 17 11 19 11 21	15 0 15 0 15 1 15 1 15 2 15 2	7 23 7 23 7 23 7 23 7 23 7 23 7 22 7 22
S 27 M28 T 29 W30 T 31		9 3 4 5 13 14 4 3 16 54 3 5	8 12 42 5 12 49 0 12 57 3 13 7 5 13n18	4 54 14 4 57 14 4 59 13	28	2 38 2 23 2 8	0 39 0 38 0 38	12 32 12 35 12 37 12 40 12 s42	1 6 1 6 1 6 1 6 1 s 6	19 47 19 47	1 46 1 46 1 46	14 55	0 27 0 27 0 27	3 26 3 25 3 25 3 24 3n23	1 10 1 10 1 10 1 10 1 10 1n10		23 17	23 13 23 13 23 13	11 28 11 30 11 32	15 4 15 5 15 5	7 22 7 22 7 22 7 22 7 22 7n21

Julian Day Number = 2489711.5, Delta T = 95.30 sec Ecliptic obliquity = $23^{\circ}25'31$, Nutation = $0^{\circ}00'17$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^{\circ}12'01$, Lahiri = $25^{\circ}19'02$

AUGUST 2104 00:00 UT

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F 1	20 38 55	8 Ω 56'17	29 TL 15	7°R51	0 m 22	27 m)19	29°R19	7°R19	11846	24 m 11	9 8 9	23 х 46	22 × 21	18 ≏ 47	16°R30	F 1
S 2	20 42 52	9°53'39	11 ∡ 36	7 Ω 8	1°35	27°56	29≈12	7 ∡ 18	11°47	24°13	9° 9	23°48	22°18	18°53	16 පි 27	S 2
S 3	20 46 48	10°51'03	24°16	6°28	2°48	28°33	29° 5	7°17	11°48	24°14	9°10	23°R48	22°15	19° 0	16°24	S 3
M 4	20 50 45	11°48'26	7 云 18	5°50	4° 1	29°10	28°58	7°16	11°49	24°16	9°10	23°47	22°11	19° 7	16°20	M 4
T 5	20 54 42	12°45'51	20°44	5°16	5°15	29°47	28°50	7°16	11°49	24°18	9°10	23°44	22° 8	19°13	16°17	T 5
W 6	20 58 38	13°43'16	4≈33	4°46	6°28	0 ჲ 24	28°43	7°15	11°50	24°20	9°10	23°39	22° 5	19°20	16°14	W 6
T 7	21 2 35	14°40'42	18°44	4°20	7°41	1° 1	28°36	7°15	11°50	24°21	9°10	23°33	22° 2	19°27	16°11	T 7
F 8	21 6 31	15°38'09	3) (11	4° 0	8°54	1°38	28°28	7°14	11°51	24°23	9°10	23°25	21°59	19°33	16° 8	F 8
S 9	21 10 28	16°35'37	17°47	3°46	10° 7	2°16	28°21	7°14	11°51	24°25	9°R10	23°17	21°56	19°40	16° 5	S 9
S 10	21 14 24	17°33'07	2 Υ 26	3°38	11°21	2°53	28°13	7°14	11°52	24°27	9°10	23°10	21°52	19°47	16° 2	S 10
M11	21 18 21	18°30'37	17° 1	3°D36	12°34	3°30	28° 6	7°D14	11°52	24°29	9°10	23° 4	21°49	19°54	15°59	M11
T 12	21 22 17	19°28'09	1827	3°41	13°47	4° 8	27°58	7°14	11°52	24°31	9°10	23° 1	21°46	20° 0	15°57	T 12
W13	21 26 14	20°25'43	15°39	3°54	15° 0	4°46	27°50	7°14	11°52	24°32	9°10	22°D59	21°43	20° 7	15°54	W13
T 14	21 30 11	21°23'18	29°37	4°13	16°13	5°23	27°43	7°14	11°53	24°34	9°10	22°59	21°40	20°14	15°51	T 14
F 15	21 34 7	22°20'54	13Ⅱ20	4°39	17°26	6° 1	27°35	7°15	11°53	24°36	9° 9	23° 0	21°37	20°20	15°48	F 15
S 16	21 38 4	23°18'32	26°50	5°12	18°39	6°39	27°27	7°15	11°53	24°38	9° 9	23°R 0	21°33	20°27	15°46	S 16
S 17	21 42 0	24°16'11	1095 6	5°52	19°52	7°17	27°19	7°16	11°R53	24°40	9° 9	22°59	21°30	20°34	15°43	S 17
M18	21 45 57	25°13'52	23°10	6°39	21° 5	7°54	27°11	7°16	11°53	24°42	9° 9	22°55	21°27	20°41	15°41	M18
T 19	21 49 53	26°11'35	6 N 3	7°33	22°18	8°32	27° 4	7°17	11°53	24°44	9° 9	22°49	21°24	20°47	15°38	T 19
W20	21 53 50	27° 9'18	18°44	8°34	23°32	9°10	26°56	7°18	11°53	24°46	9° 9	22°40	21°21	20°54	15°36	W20
T 21	21 57 46	28° 7'03	1 m 15	9°41	24°45	9°49	26°48	7°19	11°52	24°48	9° 8	22°29	21°17	21° 1	15°34	T 21
F 22	22 1 43	29° 4'49	13°34	10°54	25°57	10°27	26°40	7°20	11°52	24°50	9° 8	22°17	21°14	21° 7	15°32	F 22
S 23	22 5 40	0 Mg 2'37	25°44	12°12	27°10	11° 5	26°32	7°21	11°52	24°52	9° 8	22° 5	21°11	21°14	15°29	S 23
S 24	22 9 36	1° 0'25	7 ≏ 45	13°36	28°23	11°43	26°24	7°22	11°52	24°54	9° 7	21°54	21° 8	21°21	15°27	S 24
M25	22 13 33	1°58'16	19°38	15° 6	29°36	12°22	26°16	7°23	11°51	24°57	9° 7	21°45	21° 5	21°27	15°25	M25
T 26	22 17 29	2°56'07	1 M 28	16°40	0 ჲ 49	13° 0	26° 9	7°25	11°51	24°59	9° 7	21°38	21° 2	21°34	15°23	T 26
W27	22 21 26	3°53'59	13°18	18°18	2° 2	13°39	26° 1	7°26	11°50	25° 1	9° 6	21°34	20°58	21°41	15°21	W27
T 28	22 25 22	4°51'53	25°13	20° 0	3°15	14°17	25°53	7°28	11°50	25° 3	9° 6	21°32	20°55	21°48	15°20	T 28
F 29	22 29 19	5°49'49	7 ₹ 16	21°45	4°28	14°56	25°46	7°29	11°49	25° 5	9° 6	21°D32	20°52	21°54	15°18	F 29
S 30	22 33 15	6°47'45	19°35	23°33	5°41	15°35	25°38	7°31	11°49	25° 7	9° 5	21°R32	20°49	22° 1	15°16	S 30
S 31	22 37 12	7 m 45'43	2 ට 13	25 Ω 24	6 ₽ 53	16 ≏ 13	25≈30	7 , ₹33	11848	25Mp 9	9 8 5	21 × 32	20 ∡ 146	22 º 8	15 ට 14	S 31

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S 3 M 4 T 5 W 6 T 7 F 8 S 9	17 14 16 58	22 1 1 19 31 2 15 51 3 11 13 4 5 52 4	20 14 21 14 12 15 47 15	4 17 4 4 34 4 5 9 4 5 26 3	4 39 4 30 4 20 4 8	11 52 11 25 10 58 10 30 10 2 9 34 9 6	1 30 1 30 1 29 1 29 1 28 1 27 1 26	1 6 0 51 0 36 0 20 0 5 0 s11 0 26	0 34 0 33	13 3	1 7 1 7 1 7 1 8 1 8	19 47 19 47 19 48 19 48 19 48	1 45 1 45 1 44 1 44 1 44	14 56 14 56 14 57 14 57 14 57 14 57 14 57	0 27 0 27 0 27 0 27 0 27 0 27	3 21 3 21 3 20 3 19 3 19 3 18 3 17	1 10 1 10 1 10 1 10 1 10 1 10 1 10	1 9 16 30 1 9 16 3 1 9 16 3 1 9 16 3 1 10 16 3 1 10 16 3 1 10 16 3	23 17 23 17 23 16 2 23 16 2 23 16 2 23 16	23 12 23 12 23 11 23 11 23 11	11 43 11 46 11 48 11 50 11 52	15 8 7 20 15 9 7 20 15 9 7 20 15 10 7 20 15 11 7 19
S 10 M11 T 12 W13 T 14 F 15 S 16	14 40 14 22	10 59 4 15 43 4 19 29 3 22 2 2 23 14 0	40 16 0 16 6 16 2 16 51 17	6 15 3 6 30 2 6 43 2 6 55 2 7 5 2	3 26 3 10 2 54 2 37 2 21 2 4 1 46	8 37 8 8 7 39 7 10 6 40 6 10 5 41	1 25 1 24 1 23 1 22 1 20 1 19 1 18	0 42 0 57 1 13 1 28 1 44 2 0 2 15	0 28 0 27 0 27 0 26	13 9 13 12 13 15 13 17 13 20 13 23 13 26	1 8 1 8 1 9 1 9 1 9	19 49 19 49 19 49 19 49 19 50	1 43 1 43 1 43 1 42 1 42	14 57 14 57 14 57 14 57 14 57 14 57 14 58	0 27 0 27 0 27 0 27 0 27 0 27	3 16 3 16 3 15 3 14 3 13 3 12 3 12	1 10 1 10 1 10 1 10 1 10 1 10 1 10		2 23 15 3 23 15 3 23 14 4 23 14 4 23 14	23 11 23 10 23 10 23 10 23 10 23 10	11 56 11 59 12 1 12 3 12 5	15 12 7 19 15 13 7 18 15 13 7 18 15 14 7 18 15 15 7 17 15 15 7 17
S 17 M18 T 19 W20 T 21 F 22 S 23	13 6 12 47	18 55 2 15 23 3 11 13 4 6 38 4 1 51 4	34 17 28 17 11 17 42 17 59 17	7 25 1 7 28 0 7 27 0 7 25 0 7 19 0	1 30 1 13 0 57 0 41 0 25 0 10 0n 4	5 11 4 40 4 10 3 40 3 9 2 39 2 8	1 16 1 15 1 13 1 11 1 10 1 8 1 6	2 31 2 46 3 2 3 18 3 33 3 49 4 4	0 24 0 23 0 22 0 22 0 21	13 29 13 31 13 34 13 37 13 40 13 43 13 45	1 9 1 9 1 9 1 9 1 10	19 51 19 51	1 42 1 41 1 41 1 41 1 41	14 57 14 57 14 57 14 57 14 57 14 57 14 57	0 27 0 27 0 27 0 27 0 27 0 27	3 11 3 10 3 9 3 8 3 8 3 7 3 6	1 10 1 10 1 10 1 10 1 10 1 10 1 10	1 13 16 33 1 13 16 33 1 14 16 33 1 14 16 36 1 14 16 36 1 15 16 36	5 23 14 5 23 14 6 23 13 6 23 13 6 23 12	23 9 23 9 23 9 23 8 23 8	12 14 12 16	15 18 7 16 15 18 7 15 15 19 7 15 15 20 7 14
S 24 M25 T 26 W27 T 28 F 29 S 30 S 31	10 25 10 4 9 43 9 22 9 1	11 48 4 15 37 3 18 49 3 21 14 2 22 45 1 23 11 0	53 16 8 16 15 15 15 15	6 46 (6 29 (6 5 47 15 21 14 53 1		1 37 1 6 0 36 0 5 0 s26 0 57 1 28 1 s59	1 4 1 2 1 0 0 58 0 56 0 54 0 51	4 20 4 36 4 51 5 7 5 22 5 38 5 54 6s 9	0 19 0 18 0 17 0 17 0 16 0 15		1 10 1 10 1 10 1 10 1 10 1 10	19 54 19 54 19 55 19 55	1 40 1 40 1 40 1 39 1 39 1 39	14 57 14 57 14 57 14 57 14 56 14 56 14 56 14n56	0 27 0 27 0 27 0 27 0 27 0 27	3 5 3 4 3 4 3 3 3 2 3 1 3 0 2n59	1 10 1 10 1 10 1 10 1 10 1 10 1 10 1 n10	1 16 16 3' 1 16 16 3' 1 16 16 3' 1 17 16 38 1 17 16 38 1 18 16 38 1 18 16 38 1 18 16 38	7 23 10 7 23 10 8 23 9 8 23 9 8 23 9 9 23 9	23 8 23 7 23 7 23 7 23 7 23 6	12 33 12 35 12 37 12 39	15 22 7 13 15 22 7 13 15 23 7 12 15 24 7 12 15 24 7 11 15 25 7 11

Julian Day Number = 2489742.5, Delta T = 95.34 sec Ecliptic obliquity = 23°25'31, Nutation = 0°00'18, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 26°12'05, Lahiri = 25°19'06

SEPTEMBER 2104 00:00 UT

Day	Sid.t	0	D	ğ	Q	♂	4	ħ)Å(¥	Р	ß	Ω	Ç	ę,	Day
M 1	22 41 8	8 Mp 43'42	15 ට 16	27 Ω 16	8 亞 6	16 ♀ 52	25°R23	7 , ₹35	11°R47	25 mg 11	9°R 4	21°R30	20 ∡ 143	22 <u>₽</u> 14	15°R13	M 1
T 2	22 45 5	9°41'42	28°47	29°10	9°19	17°31	25≈16	7°37	11847	25°13	9 8 4	21 × 126	20°39	22°21	15 ਰ 11	T 2
W 3	22 49 2	10°39'44	12≈46	1 Mp 6	10°32	18°10	25° 8	7°39	11°46	25°16	9° 3	21°19	20°36	22°28	15°10	W 3
T 4	22 52 58	11°37'47	27°11	3° 2	11°44	18°49	25° 1	7°42	11°45	25°18	9° 3	21°10	20°33	22°34	15° 9	T 4
F 5	22 56 55	12°35'52	11 米 58	4°58	12°57	19°28	24°54	7°44	11°44	25°20	9° 2	20°59	20°30	22°41	15° 8	F 5
S 6	23 0 51	13°33'59	26°58	6°55	14°10	20° 7	24°47	7°46	11°43	25°22	9° 2	20°48	20°27	22°48	15° 6	S 6
S 7	23 4 48	14°32'07	12 ° 1	8°52	15°22	20°46	24°40	7°49	11°42	25°24	9° 1	20°38	20°23	22°55	15° 5	S 7
M 8	23 8 44	15°30'17	26°58	10°49	16°35	21°26	24°33	7°51	11°41	25°27	9° 0	20°30	20°20	23° 1	15° 4	M 8
T 9	23 12 41	16°28'29	11 8 41	12°45	17°47	22° 5	24°26	7°54	11°40	25°29	9° 0	20°24	20°17	23° 8	15° 3	T 9
W10	23 16 37	17°26'43	26° 5	14°40	19° 0	22°44	24°20	7°57	11°39	25°31	8°59	20°21	20°14	23°15	15° 2	W10
T 11	23 20 34	18°24'59	10耳 7	16°35	20°12	23°24	24°13	8° 0	11°38	25°33	8°59	20°20	20°11	23°21	15° 2	T 11
F 12	23 24 31	19°23'18	23°47	18°29	21°25	24° 3	24° 7	8° 3	11°37	25°35	8°58	20°20	20° 8	23°28	15° 1	F 12
S 13	23 28 27	20°21'38	795 7	20°23	22°37	24°43	24° 0	8° 6	11°35	25°38	8°57	20°20	20° 4	23°35	15° 0	S 13
S 14	23 32 24	21°20'01	20°10	22°15	23°50	25°23	23°54	8° 9	11°34	25°40	8°57	20°18	20° 1	23°41	15° 0	S 14
M15	23 36 20	22°18'25	2 Ω 58	24° 6	25° 2	26° 2	23°48	8°12	11°33	25°42	8°56	20°13	19°58	23°48	14°59	M15
T 16	23 40 17	23°16'52	15°34	25°57	26°14	26°42	23°42	8°15	11°31	25°44	8°55	20° 6	19°55	23°55	14°59	T 16
W17	23 44 13	24°15'21	27°59	27°46	27°27	27°22	23°36	8°19	11°30	25°47	8°54	19°55	19°52	24° 2	14°59	W17
T 18	23 48 10	25°13'51	10 M)16	29°34	28°39	28° 2	23°31	8°22	11°29	25°49	8°54	19°43	19°48	24° 8	14°58	T 18
F 19	23 52 6	26°12'24	22°24	1 ≏ 21	29°51	28°42	23°25	8°26	11°27	25°51	8°53	19°29	19°45	24°15	14°58	F 19
S 20	23 56 3	27°10'58	4 Ω 25	3° 8	1 m 4	29°22	23°20	8°29	11°25	25°53	8°52	19°15	19°42	24°22	14°D58	S 20
S 21	0 0 0	28° 9'34	16°20	4°53	2°16	OM 2	23°15	8°33	11°24	25°55	8°51	19° 2	19°39	24°28	14°58	S 21
M22	0 3 56	29° 8'13	28°11	6°37	3°28	0°42	23°10	8°37	11°22	25°58	8°50	18°51	19°36	24°35	14°58	M22
T 23	0 7 53	0 ♀ 6'53	9 M 59	8°20	4°40	1°23	23° 5	8°41	11°21	26° 0	8°50	18°42	19°33	24°42	14°58	T 23
W24	0 11 49	1° 5'34	21°48	10° 2	5°52	2° 3	23° 0	8°45	11°19	26° 2	8°49	18°37	19°29	24°48	14°59	W24
T 25	0 15 46	2° 4'18	3 ∡ 742	11°43	7° 5	2°43	22°56	8°49	11°17	26° 4	8°48	18°34	19°26	24°55	14°59	T 25
F 26	0 19 42	3° 3'03	15°44	13°23	8°17	3°24	22°51	8°53	11°15	26° 7	8°47	18°D33	19°23	25° 2	14°59	F 26
S 27	0 23 39	4° 1'50	27°59	15° 2	9°29	4° 4	22°47	8°57	11°14	26° 9	8°46	18°R33	19°20	25° 9	15° 0	S 27
S 28	0 27 35	5° 0'39	10 궁 34	16°40	10°41	4°45	22°43	9° 1	11°12	26°11	8°45	18°33	19°17	25°15	15° 1	S 28
M29	0 31 32	5°59'30	23°32	18°18	11°53	5°25	22°39	9° 6	11°10	26°13	8°44	18°32	19°14	25°22	15° 1	M29
T 30	0 35 29	6 ₽ 58'22	6≈58	19 ≏ 54	13 M 5	6 M 6	22≈36	9 ∡ 10	118 8	26 M 15	8 8 43	18 × 29	19 才 10	25 ≏ 29	15る 2	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	8n18	20 s32 2n 2	13n50 1n31	2 s 30 0 n 4 7	6 s 25 0 n 1 4	14s 9 1s10	19s57 1n38	14n56 0s27	2n58 1n10	1s19 16s39	23 s 9 23 s 6	12 s43	15 s26 7n10
T 2	7 56	17 24 3 3	13 15 1 36	3 1 0 44	6 40 0 13	14 12 1 10	19 57 1 38	14 55 0 27	2 58 1 10	1 19 16 40		12	
W 3	7 34	13 12 3 56				14 14 1 10		14 55 0 28	2 57 1 10	1 20 16 40		12 .0	
T 4	7 12	8 8 4 35			7 11 0 12				2 56 1 10	1 20 16 40		12 50	
F 5	6 50	2 30 4 57	11 19 1 45		7 27 0 11	14 19 1 10		14 55 0 28	2 55 1 10	1 20 16 40			
S 6	6 27	3n22 4 59	10 37 1 46	5 4 0 34	7 42 0 10	14 22 1 10	20 0 1 37	14 54 0 28	2 54 1 10	1 21 16 41	23 6 23 5	12 54	15 29 7 8
S 7	6 5	9 3 4 40	9 54 1 47	5 34 0 31	7 57 0 10	14 24 1 10	20 0 1 37	14 54 0 28	2 53 1 10	1 21 16 41	23 6 23 5	12 56	15 30 7 7
M 8	5 43	14 9 4 2	9 10 1 47	6 5 0 28	8 13 0 9	14 26 1 10	20 1 1 37	14 54 0 28	2 52 1 10	1 22 16 41	23 5 23 4	12 58	15 30 7 7
T 9	5 20	18 19 3 9	8 25 1 46	6 35 0 26	8 28 0 8	14 28 1 10	20 1 1 37	14 53 0 28	2 52 1 10	1 22 16 41	23 5 23 4	13 0	15 31 7 6
W10	4 57	21 17 2 4	7 39 1 45	7 5 0 23	8 43 0 8	14 31 1 10	20 2 1 36	14 53 0 28	2 51 1 10	1 23 16 42			15 31 7 6
T 11	4 35	22 50 0 54	6 52 1 43		8 58 0 7	14 33 1 10	20 3 1 36	14 53 0 28	2 50 1 10	1 23 16 42		13 4	15 32 7 5
F 12		22 59 0s18		8 5 0 17	9 14 0 6				2 49 1 10	1 23 16 42			
S 13	3 49	21 47 1 28	5 18 1 38	8 35 0 14	9 29 0 6	14 37 1 10	20 4 1 36	14 52 0 28	2 48 1 10	1 24 16 42	23 4 23 3	13 8	15 33 7 4
S 14	3 26	19 26 2 31	4 31 1 34	9 4 0 11	9 44 0 5	14 39 1 10	20 5 1 36	14 51 0 28	2 47 1 10	1 24 16 43	23 4 23 3	13 10	15 34 7 4
M15	3 3	16 10 3 25	3 43 1 30	9 34 0 8	9 59 0 4	14 41 1 10	20 6 1 35	14 51 0 28	2 46 1 10	1 25 16 43	23 4 23 3	13 12	15 34 7 3
T 16	2 40	12 13 4 8	2 55 1 26	10 3 0 5	10 14 0 4	14 43 1 10	20 6 1 35	14 51 0 28	2 45 1 10	1 25 16 43	23 3 23 3	13 14	15 35 7 3
W17	2 17	7 48 4 38	2 8 1 21	10 32 0 2	10 29 0 3	14 45 1 10	20 7 1 35	14 50 0 28	2 45 1 10	1 26 16 43	23 3 23 2	13 16	15 35 7 2
T 18	1 54	3 9 4 56	1 20 1 16	11 1 0s 1	10 44 0 2	14 47 1 10	20 8 1 35	14 50 0 28	2 44 1 10	1 26 16 44	23 2 23 2	13 18	15 36 7 2
F 19	1 30	1 s34 4 59	0 33 1 11	11 29 0 5	10 59 0 2	14 48 1 10	20 8 1 35	14 49 0 28	2 43 1 10	1 27 16 44			
S 20	1 7	6 11 4 50	0s15 1 5	11 57 0 8	11 13 0 1	14 50 1 10	20 9 1 34	14 49 0 28	2 42 1 10	1 27 16 44	22 59 23 2	13 22	15 37 7 1
S 21	0 44	10 32 4 27	1 2 1 0	12 25 0 11	11 28 0 1	14 52 1 10	20 10 1 34	14 48 0 28	2 41 1 10	1 27 16 44	22 58 23 1	13 24	15 38 7 0
M22	0 21	14 27 3 53	1 48 0 53	12 53 0 14	11 43 0s 0	14 53 1 10	20 11 1 34	14 48 0 28	2 40 1 10	1 28 16 44	22 57 23 1	13 26	15 38 6 59
T 23	0 s 3	17 47 3 9	2 35 0 47	13 21 0 17	11 57 0 1	14 55 1 10	20 12 1 34	14 47 0 28	2 39 1 10	1 28 16 45	22 57 23 1	13 29	15 39 6 59
W24	0 26	20 24 2 17	3 21 0 41	13 48 0 21	12 12 0 1	14 56 1 10	20 12 1 34	14 47 0 28	2 38 1 10	1 29 16 45	22 56 23 1	13 31	15 39 6 58
T 25	0 49	22 9 1 18	4 6 0 34	14 15 0 24	12 27 0 2	14 58 1 10	20 13 1 33	14 46 0 28	2 38 1 10	1 29 16 45	22 56 23 0	13 33	15 40 6 58
F 26	1 13	22 55 0 15	4 51 0 28	14 41 0 27	12 41 0 3	14 59 1 10	20 14 1 33	14 46 0 28	2 37 1 10	1 30 16 45	22 56 23 0	13 35	15 40 6 57
S 27	1 36	22 35 0n50	5 36 0 21	15 7 0 31	12 55 0 3	15 1 1 10	20 15 1 33	14 45 0 28	2 36 1 10	1 30 16 45	22 56 23 0	13 37	15 41 6 57
S 28	1 59	21 7 1 54	6 20 0 14	15 33 0 34	13 10 0 4	15 2 1 10	20 16 1 33	14 44 0 28	2 35 1 10	1 30 16 46	22 56 23 0	13 39	15 41 6 56
M29	2 23	18 31 2 54	7 4 0 7	15 59 0 37	13 24 0 5			14 44 0 28		1 31 16 46	22 56 22 59	13 40	15 42 6 56
T 30	2 s46	14 s51 3n47	7s47 0s 0	16s24 0s41	13 s38 0s 5	15s 4 1s 9	20s17 1n32	14n43 0s28	2n33 1n10	1s31 16s46	22 s56 22 s59	13 s42	15 s42 6n55

Julian Day Number = 2489773.5, Delta T = 95.38 sec Ecliptic obliquity = $23^{\circ}25'31$, Nutation = $0^{\circ}00'18$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^{\circ}12'10$, Lahiri = $25^{\circ}19'10$

OCTOBER 2104 00:00 UT

Day	Sid.t	0	D	ğ	Ω	ď	4	ħ)મું(¥	Р	R	ດ	Ç	ķ	Day
W 1	0 39 25	7 £ 57'16	20≈54	21 ₽ 30	14 M _16	6 M .47	22°R32	9 × 715	11°R 6	26 m 18	8°R42	18°R23	19 ×7 7	25 ₽ 35	15 ප 3	W 1
T 2	0 43 22	8°56'11	5) (20	23° 4	15°28	7°28	22≈29	9°19	118 4	26°20	8841	18 × 15	19° 4	25°42	15° 4	T 2
F 3	0 47 18	9°55'09	20°12	24°38	16°40	8° 8	22°26	9°24	11° 2	26°22	8°41	18° 5	19° 1	25°49	15° 5	F 3
S 4	0 51 15	10°54'08	5 Υ 21	26°11	17°52	8°49	22°23	9°29	11° 0	26°24	8°40	17°55	18°58	25°55	15° 6	S 4
S 5	0 55 11	11°53'09	20°39	27°43	19° 4	9°30	22°20	9°33	10°58	26°26	8°39	17°46	18°54	26° 2	15° 7	S 5
M 6	0 59 8	12°52'13	5 8 53	29°14	20°15	10°11	22°18	9°38	10°56	26°28	8°38	17°38	18°51	26° 9	15° 8	M 6
T 7	1 3 4	13°51'18	20°54	0 M .45	21°27	10°52	22°16	9°43	10°54	26°31	8°37	17°33	18°48	26°15	15° 9	T 7
W 8	1 7 1	14°50'26	5 Ⅱ 34	2°14	22°38	11°34	22°14	9°48	10°52	26°33	8°36	17°30	18°45	26°22	15°11	W 8
T 9	1 10 57	15°49'37	19°48	3°43	23°50	12°15	22°12	9°53	10°50	26°35	8°35	17°D30	18°42	26°29	15°12	T 9
F 10	1 14 54	16°48'49	3 9 35	5°11	25° 1	12°56	22°10	9°58	10°48	26°37	8°33	17°31	18°39	26°36	15°14	F 10
S 11	1 18 51	17°48'04	16°58	6°38	26°13	13°38	22° 8	10° 3	10°45	26°39	8°32	17°R31	18°35	26°42	15°15	S 11
S 12	1 22 47	18°47'21	29°58	8° 4	27°24	14°19	22° 7	10° 9	10°43	26°41	8°31	17°30	18°32	26°49	15°17	S 12
M13	1 26 44	19°46'41	12 Ω 39	9°29	28°36	15° 1	22° 6	10°14	10°41	26°43	8°30	17°28	18°29	26°56	15°19	M13
T 14	1 30 40	20°46'02	25° 6	10°54	29°47	15°42	22° 5	10°19	10°39	26°45	8°29	17°23	18°26	27° 2	15°21	T 14
W15	1 34 37	21°45'26	7 m 20	12°17	0 ∡ 758	16°24	22° 4	10°25	10°36	26°47	8°28	17°15	18°23	27° 9	15°23	W15
T 16	1 38 33	22°44'52	19°26	13°40	2° 9	17° 5	22° 4	10°30	10°34	26°49	8°27	17° 6	18°20	27°16	15°25	T 16
F 17	1 42 30	23°44'21	1 ≏ 24	15° 1	3°21	17°47	22° 3	10°36	10°32	26°52	8°26	16°56	18°16	27°22	15°27	F 17
S 18	1 46 26	24°43'51	13°19	16°22	4°32	18°29	22°D 3	10°41	10°29	26°54	8°25	16°45	18°13	27°29	15°29	S 18
S 19	1 50 23	25°43'24	25°10	17°41	5°43	19°11	22° 3	10°47	10°27	26°56	8°24	16°35	18°10	27°36	15°31	S 19
M20	1 54 20	26°42'58	7 M 0	18°59	6°54	19°53	22° 4	10°53	10°25	26°58	8°23	16°27	18° 7	27°42	15°33	M20
T 21	1 58 16	27°42'35	18°49	20°16	8° 5	20°35	22° 4	10°58	10°22	27° 0	8°22	16°21	18° 4	27°49	15°36	T 21
W22	2 2 13	28°42'13	0 ∡ 742	21°32	9°16	21°17	22° 5	11° 4	10°20	27° 2	8°21	16°18	18° 0	27°56	15°38	W22
T 23	2 6 9	29°41'54	12°39	22°46	10°27	21°59	22° 6	11°10	10°17	27° 3	8°19	16°D16	17°57	28° 3	15°41	T 23
F 24	2 10 6	0M41'36	24°44	23°59	11°37	22°41	22° 7	11°16	10°15	27° 5	8°18	16°16	17°54	28° 9	15°43	F 24
S 25	2 14 2	1°41'20	7 る 2	25° 9	12°48	23°24	22° 8	11°22	10°13	27° 7	8°17	16°18	17°51	28°16	15°46	S 25
S 26	2 17 59	2°41'06	19°35	26°18	13°59	24° 6	22° 9	11°28	10°10	27° 9	8°16	16°19	17°48	28°23	15°49	S 26
M27	2 21 55	3°40'53	2≈30	27°25	15° 9	24°48	22°11	11°34	10° 8	27°11	8°15	16°R20	17°45	28°29	15°51	M27
T 28	2 25 52	4°40'42	15°49	28°30	16°20	25°31	22°13	11°40	10° 5	27°13	8°14	16°19	17°41	28°36	15°54	T 28
W29	2 29 49	5°40'33	29°35	29°32	17°30	26°13	22°15	11°46	10° 3	27°15	8°13	16°17	17°38	28°43	15°57	W29
T 30	2 33 45	6°40'25	13) (49	0×31	18°41	26°56	22°17	11°53	10° 0	27°17	8°12	16°13	17°35	28°49	16° 0	T 30
F 31	2 37 42	7 M .40'19	28 米 30	1 ₹ 28	19 × 751	27 M 38	22≈20	11 × 759	9 8 58	27 Mp 18	8 8 10	16 才 8	17 ⋌ 32	28 ≏ 56	16 궁 3	F 31

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	decl	decl lat	decl lat	decl lat	lecl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl dec	decl	decl lat
W 1 T 2	3 s 9 3 32	10s16 4n29 4 58 4 55	8s29 0s 9 11 0 1			15s 5 1s 9		14n43 0s28 14 42 0 28	2n32 1n10 2 32 1 10		22 s55 22 s5 22 54 22 5		
F 3 S 4	3 56 4 19	0n45 5 2 6 33 4 49				15 7 1 9 15 8 1 9		14 41 0 28 14 41 0 28	2 31 1 10 2 30 1 10		22 53 22 5 22 53 22 5		
S 5 M 6	5 5	16 40 3 23	11 13 0 3 11 52 0 4	13 18 46 1 1 15		15 9 1 9	20 23 1 31		2 29 1 10 2 28 1 10	1 34 16 47	22 52 22 5 22 51 22 5	7 13 54	15 45 6 52
T 7 W 8 T 9	5 28 5 51 6 13	22 15 1 3	13 9 0 5	58 19 30 1 7 15		15 10 1 9 15 11 1 9 15 11 1 8	20 24 1 31	14 38 0 28	2 27 1 10 2 26 1 10 2 26 1 10	1 35 16 47	22 51 22 5 22 50 22 5 22 50 22 5	7 13 58	
F 10 S 11	6 36	21 58 1 25		12 20 12 1 14 15 19 20 33 1 17 16		15 12 1 8 15 12 1 8		14 37 0 28 14 36 0 28	2 25 1 10 2 24 1 10		22 50 22 5 22 50 22 5		15 46 6 50 15 46 6 49
S 12 M13 T 14	7 21 7 44 8 6	16 47 3 27 12 59 4 11 8 42 4 43	16 6 1 3		33 0 13	15 12 1 8 15 12 1 8 15 13 1 8	20 29 1 30	14 35 0 28 14 35 0 28 14 34 0 28	-	1 37 16 48	22 50 22 5 22 50 22 5 22 50 22 5	5 14 8	15 47 6 49 15 47 6 48 15 47 6 48
W15 T 16	8 28 8 51	4 9 5 1 0s30 5 5	17 11 1 4 17 42 1 5	15 21 48 1 30 16 52 22 6 1 33 17	58 0 15 10 0 15	15 13 1 8 15 13 1 8	20 31 1 30 20 32 1 30	14 33 0 28 14 33 0 28	2 21 1 10 2 20 1 10	1 38 16 48 1 38 16 48	22 49 22 5 22 48 22 5	5 14 12 5 14 14	15 48 6 47 15 48 6 47
F 17 S 18	9 13 9 34		18 42 2	4 22 39 1 39 17	35 0 16		20 34 1 29	14 31 0 28	2 19 1 10 2 18 1 10	1 39 16 48	22 47 22 5 22 46 22 5	4 14 17	15 49 6 46
S 19 M20 T 21	10 18		19 38 2 1	10 22 55 1 42 17 15 23 11 1 45 17 21 23 25 1 48 18	59 0 18	1 15 13 1 7 15 12 1 7 15 12 1 7	20 36 1 29	14 30 0 28 14 30 0 28 14 29 0 28		1 40 16 48	22 45 22 5 22 44 22 5 22 44 22 5	4 14 21	15 49 6 45
W22 T 23	11 22	22 37 0 20		26 23 39 1 51 18 31 23 53 1 54 18	22 0 19 34 0 19	15 12 1 7 15 11 1 7	20 37 1 29 20 38 1 29	14 28 0 28 14 27 0 28	-	1 40 16 48 1 41 16 48	22 43 22 5 22 43 22 5	3 14 25 3 14 27	15 49 6 44 15 50 6 43
F 24 S 25	11 42 12 3	21 24 1 50	21 37 2 3	39 24 18 1 59 18	57 0 21		20 40 1 28	14 27 0 28 14 26 0 28	2 14 1 10 2 13 1 10	1 41 16 48	22 43 22 5 22 43 22 5	2 14 31	15 50 6 42
S 26 M27 T 28	12 44	15 57 3 45	22 16 2 4		8 0 21 19 0 22 29 0 22	15 9 1 6	20 42 1 28	14 25 0 28 14 24 0 28 14 24 0 28	2 12 1 10	1 42 16 48	22 43 22 5 22 43 22 5 22 43 22 5	2 14 34	15 50 6 41
W29 T 30	13 24 13 44		22 50 2 5	52 <mark>25 0</mark> 2 10 19	40 0 23	15 8 1 6	20 44 1 28	14 23 0 28 14 22 0 28	2 10 1 10	1 43 16 48	22 43 22 5 22 43 22 5 22 43 22 5	1 14 38	15 51 6 40
F 31	14 s 4	4n 3 5n 3	23 s 18 2 s 5	55 <mark>25 s17</mark> 2 s15 20	s 1 0s24	15s 6 1s 6	20 s46 1n27	14n21 0s28	2n 9 1n10	1 s44 16 s48	22 s42 22 s5	14 s42	15 s 51 6 n 39

Julian Day Number = 2489803.5, Delta T = 95.42 sec Ecliptic obliquity = $23^{\circ}25'31$, Nutation = $0^{\circ}00'17$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^{\circ}12'14$, Lahiri = $25^{\circ}19'14$

NOVEMBER 2104 00:00 UT

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Day	Sid.t	0	D	ğ	φ	♂	4	ħ)ţ(卉	В	S.	Ω	Ç	ķ	Day
S 1	2 41 38	8 M 40'14	13 Y 31	2 × 721	21 ×7 1	28 M 21	22≈23	12 ×7 5	9°R55	27 Mp 20	8°R 9	16°R 2	17 × 729	29 º 3	16 ප 6	S 1
S 2	2 45 35	9°40'12	28°45	3° 9	22°11	29° 4	22°25	12°11	9 8 53	27°22	8 8 8	15 ₹ 56	17°25	29° 9	16°10	S 2
M 3	2 49 31	10°40'11	148 1	3°54	23°21	29°47	22°28	12°18	9°50	27°24	8° 7	15°52	17°22	29°16	16°13	M 3
T 4	2 53 28	11°40'12	29° 9	4°34	24°31	0 ∡ 129	22°32	12°24	9°48	27°25	8° 6	15°49	17°19	29°23	16°16	T 4
W 5	2 57 24	12°40'15	14 I I 0	5° 9	25°41	1°12	22°35	12°31	9°45	27°27	8° 5	15°D48	17°16	29°30	16°20	W 5
T 6	3 1 21	13°40'21	28°27	5°38	26°51	1°55	22°39	12°37	9°43	27°29	8° 4	15°49	17°13	29°36	16°23	T 6
F 7	3 5 18	14°40'28	129526	6° 0	28° 1	2°38	22°43	12°44	9°41	27°30	8° 3	15°50	17°10	29°43	16°27	F 7
S 8	3 9 14	15°40'37	25°58	6°15	29°10	3°21	22°47	12°50	9°38	27°32	8° 1	15°52	17° 6	29°50	16°30	S 8
S 9	3 13 11	16°40'49	9Ω 4	6°R23	0 궁 20	4° 5	22°51	12°57	9°36	27°34	8° 0	15°53	17° 3	29°56	16°34	S 9
M10	3 17 7	17°41'02	21°48	6°22	1°29	4°48	22°55	13° 4	9°33	27°35	7°59	15°R53	17° 0	OM 3	16°38	M10
T 11	3 21 4	18°41'17	4 m) 13	6°12	2°38	5°31	23° 0	13°10	9°31	27°37	7°58	15°52	16°57	0°10	16°41	T 11
W12	3 25 0	19°41'35	16°23	5°52	3°48	6°14	23° 4	13°17	9°28	27°38	7°57	15°50	16°54	0°16	16°45	W12
T 13	3 28 57	20°41'54	28°24	5°22	4°57	6°58	23° 9	13°24	9°26	27°40	7°56	15°46	16°51	0°23	16°49	T 13
F 14	3 32 53	21°42'15	10 ≏ 17	4°43	6° 6	7°41	23°14	13°30	9°24	27°41	7°55	15°42	16°47	0°30	16°53	F 14
S 15	3 36 50	22°42'38	22° 8	3°53	7°15	8°25	23°20	13°37	9°21	27°43	7°54	15°38	16°44	0°36	16°57	S 15
S 16	3 40 47	23°43'03	3 M 57	2°54	8°23	9° 8	23°25	13°44	9°19	27°44	7°53	15°34	16°41	0°43	17° 1	S 16
M17	3 44 43	24°43'30	15°48	1°47	9°32	9°52	23°31	13°51	9°16	27°46	7°52	15°31	16°38	0°50	17° 5	M17
T 18	3 48 40	25°43'58	27°43	0°33	10°40	10°36	23°37	13°58	9°14	27°47	7°50	15°29	16°35	0°56	17° 9	T 18
W19	3 52 36	26°44'28	9 ∡ 744	29 M .14	11°49	11°20	23°43	14° 4	9°12	27°48	7°49	15°D28	16°31	1° 3	17°14	W19
T 20	3 56 33	27°44'59	21°51	27°53	12°57	12° 3	23°49	14°11	9° 9	27°50	7°48	15°28	16°28	1°10	17°18	T 20
F 21	4 0 29	28°45'32	4중 8	26°32	14° 5	12°47	23°55	14°18	9° 7	27°51	7°47	15°29	16°25	1°17	17°22	F 21
S 22	4 4 26	29°46'07	16°36	25°15	15°13	13°31	24° 2	14°25	9° 5	27°52	7°46	15°30	16°22	1°23	17°27	S 22
S 23	4 8 22	0 ҂ ¹46'42	29°18	24° 3	16°21	14°15	24° 8	14°32	9° 3	27°54	7°45	15°31	16°19	1°30	17°31	S 23
M24	4 12 19	1°47'19	12≈16	22°58	17°28	14°59	24°15	14°39	9° 0	27°55	7°44	15°33	16°16	1°37	17°36	M24
T 25	4 16 16	2°47'57	25°33	22° 3	18°36	15°43	24°22	14°46	8°58	27°56	7°43	15°33	16°12	1°43	17°40	T 25
W26	4 20 12	3°48'36	9 ∺ 12	21°19	19°43	16°28	24°29	14°53	8°56	27°57	7°42	15°R33	16° 9	1°50	17°45	W26
T 27	4 24 9	4°49'16	23°12	20°47	20°50	17°12	24°36	15° 0	8°54	27°58	7°41	15°33	16° 6	1°57	17°49	T 27
F 28	4 28 5	5°49'57	7 Ƴ 34	20°25	21°57	17°56	24°44	15° 7	8°52	27°59	7°40	15°32	16° 3	2° 3	17°54	F 28
S 29	4 32 2	6°50'39	22°14	20°D16	23° 4	18°40	24°51	15°14	8°50	28° 0	7°39	15°31	16° 0	2°10	17°59	S 29
S 30	4 35 58	7 ∡ 151′22	7 と 7	20 M 17	24 궁 10	19 × 25	24≈59	15 ₹ 21	8 8 48	28M) 1	7 8 38	15 ₹ 30	15 ∡ 757	2 M 17	18 궁 3	S 30

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S 1	14 s23	9n34 4n	36 23 s29	2 s 56 25 s 24	2 s 17 20 s 1	0 s25	15 s 5	1 s 6	20 s47	1n27	14n21	0 s28	2n 8 1n11	1 s44 16 s48	22 s42	22 s50	14 s44	15 s 5 1	6n39
S 2			49 23 39	2 56 25 31	2 19 20 2			1 5			14 20		2 8 1 11	1 44 16 48					6 38
M 3	-		45 23 47	2 55 25 37	2 21 20 3			1 5		1 27			2 7 1 11		22 41				6 38
T 4		-	30 23 52	2 53 25 42				1 5		1 27			2 6 1 11		22 40				6 38
W 5 T 6			10 23 56 9 23 58	2 50 25 47 2 47 25 51	2 26 20 50 2 28 20 50			1 5			-		2 6 1 11 2 5 1 11		22 40	-	-		6 37 6 37
F 7		20 31 2		2 47 25 51 2 42 25 54	2 28 20 3			1 5			14 17		2 5 1 11 2 4 1 11		22 40	-			6 36
S 8	-		22 23 54	2 36 25 57	2 31 21 1		14 56	1 5			14 15		2 4 1 11		22 40				6 36
S 9	16 49	13 56 4	12 23 48	2 28 25 58	2 33 21 20	0 29	14 54	1 4	20 55	1 26	14 14	0 28	2 3 1 11	1 46 16 48	22 41	22 48	14 58	15 51	6 35
M10	17 6	9 42 4	47 23 39	2 20 25 59	2 34 21 3	0 30	14 53	1 4	20 56	1 26	14 14	0 28	2 3 1 11	1 46 16 48	22 41	22 47	15 0	15 51	6 35
T 11	17 22	5 11 5	7 23 27	2 9 26 0	2 36 21 4		14 51	1 4				0 28	2 2 1 11		22 41			15 51	6 35
W12	17 39		14 23 12	1 57 26 0	2 37 21 5		14 50	1 4		1 26			2 1 1 11		22 40			15 51	6 34
T 13	17 55	4s 3 5	6 22 53	1 44 25 59	2 39 21 59		14 48	1 4		1 26		0 28	2 1 1 11		22 40			15 51	6 34
F 14	18 11		46 22 31	1 29 25 57	2 40 22	0 32		1 4		1 26		0 28	2 0 1 11		22 40			15 51	6 33
S 15	18 26	12 31 4	13 22 5	1 12 25 54	2 41 22 1	1 0 33	14 44	1 4	21 0	1 20	14 10	0 28	2 0 1 11	1 48 16 48	22 39	22 40	15 9	15 51	6 33
S 16	18 41		29 21 36	0 54 25 51	2 42 22 2				21 1				1 59 1 11	1 48 16 47					6 33
M17	18 56			0 35 25 47	2 43 22 2		-	1 3		1 26			1 59 1 11		22 38				6 32
T 18	19 11		36 20 29	0 14 25 43	2 44 22 3			1 3					1 58 1 11		22 38				6 32
W19 T 20			32 19 53 35 19 15	0n 6 25 38 0 27 25 32	2 44 22 43		14 36 14 34	1 3		1 25 1 25			1 58 1 11 1 57 1 11		22 38				6 32 6 31
F 21		21 40 1		0 47 25 25	2 45 22 5			1 3		1 25			1 57 1 11		22 38				6 31
S 22	20 5			1 6 25 18	2 46 23		14 30	1 3		1 25			1 56 1 11		22 38				6 30
S 23	20 18	16 42 3	40 17 25	1 23 25 10	2 46 23	0 37	14 27	1 3	21 7	1 25	14 4	0 27	1 56 1 11	1 49 16 47	22 38	22 43	15 23	15 50	6 30
M24	20 30	12 52 4	25 16 54	1 39 25 2	2 46 23 13	0 37	14 25	1 3	21 8	1 25	14 3	0 27	1 55 1 11	1 49 16 46	22 38	22 43	15 25	15 49	6 30
T 25	20 42	8 19 4	58 16 27	1 53 24 52	2 46 23 1	0 38	14 22	1 2	21 9	1 25	14 3	0 27	1 55 1 11	1 50 16 46	22 39	22 43	15 27	15 49	6 29
W26	20 54	3 15 5		2 5 24 42	2 46 23 23		-	1 2				0 27	1 54 1 12		22 39				6 29
T 27	21 5		14 15 46	2 15 24 32	2 45 23 2		14 17	1 2				0 27	1 54 1 12		22 38				6 29
	21 16		54 15 33	2 23 24 21	2 45 23 33		14 15	1 2		1 25		0 27	1 54 1 12		22 38				6 29
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S 30	21 s36	16n59 3n	17 15 s21	2n33 23 s57	2 s44 23 s4	0 s40	14s 9	1 s 2	21 s13	1n24	13n59	0 s27	1n53 1n12	1s50 16s45	22 s38	22 s41	15 s36	15 s48	6n28

Julian Day Number = 2489834.5, Delta T = 95.46 sec Ecliptic obliquity = $23^{\circ}25'31$, Nutation = $0^{\circ}00'15$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^{\circ}12'18$, Lahiri = $25^{\circ}19'18$

DECEMBER 2104 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂ [™]	4	ħ)∤(¥	Р	R	Ω	Ç	ķ	Day
M 1	4 39 55	8 × 752'06	22 8 7	20 M 29	25 궁 16	20 × 9	25≈ 7	15 × ⁷ 28	8°R45	28 m 2	7°R37	15°R29	15 × 753	2 M 23	18 궁 8	M 1
T 2	4 43 51	9°52'52	7 II 5	20°50	26°22	20°54	25°15	15°35	8 8 43	28° 3	7 8 36	15 × 29	15°50	2°30	18°13	T 2
W 3	4 47 48	10°53'39	21°51	21°20	27°28	21°38	25°23	15°43	8°41	28° 4	7°35	15°D29	15°47	2°37	18°18	W 3
T 4	4 51 45	11°54'27	6920	21°58	28°34	22°23	25°32	15°50	8°39	28° 5	7°35	15°29	15°44	2°43	18°23	T 4
F 5	4 55 41	12°55'16	20°27	22°43	29°39	23° 7	25°40	15°57	8°38	28° 6	7°34	15°29	15°41	2°50	18°28	F 5
S 6	4 59 38	13°56'07	4 Ω 7	23°33	0≈44	23°52	25°49	16° 4	8°36	28° 7	7°33	15°29	15°37	2°57	18°33	S 6
S 7	5 3 34	14°56'58	17°21	24°29	1°49	24°37	25°57	16°11	8°34	28° 8	7°32	15°30	15°34	3° 3	18°38	S 7
M 8	5 7 31	15°57'51	0 m y 12	25°30	2°54	25°22	26° 6	16°18	8°32	28° 9	7°31	15°R30	15°31	3°10	18°43	M 8
T 9	5 11 27	16°58'46	12°41	26°35	3°58	26° 7	26°15	16°25	8°30	28° 9	7°30	15°D30	15°28	3°17	18°48	T 9
W10	5 15 24	17°59'42	24°53	27°43	5° 2	26°51	26°25	16°32	8°28	28°10	7°29	15°30	15°25	3°23	18°53	W10
T 11	5 19 20	19° 0'38	6 ₽ 53	28°55	6° 6	27°36	26°34	16°39	8°27	28°11	7°29	15°30	15°22	3°30	18°58	T 11
F 12	5 23 17	20° 1'36	18°45	0 √ 9 1°25	7°10 8°13	28°21 29° 6	26°43 26°53	16°46 16°54	8°25	28°11 28°12	7°28 7°27	15°30 15°31	15°18 15°15	3°37 3°44	19° 3 19° 9	F 12 S 13
S 13	5 27 14	21° 2'36	0 M .35	_					8°23	-						
S 14	5 31 10	22° 3'36	12°24	2°44	9°16	2 <u>9</u> °52	27° 2	17° 1	8°22	28°13	7°26	15°31	15°12	3°50	19°14	S 14
M15	5 35 7	23° 4'37	24°19	4° 4	10°18	0 궁 37	27°12	17° 8	8°20	28°13	7°25	15°32	15° 9	3°57	19°19	M15
T 16	5 39 3	24° 5'40	6 ₹ 20	5°25	11°20	1°22	27°22	17°15	8°19	28°14	7°25	15°33	15° 6	4° 4	19°24	T 16
W17	5 43 0	25° 6'43	18°31	6°48	12°22	2° 7	27°32	17°22	8°17	28°14	7°24	15°R33	15° 3	4°10	19°30	W17
T 18	5 46 56	26° 7'47	0중54	8°12	13°24	2°53	27°42	17°29	8°16	28°15	7°23	15°32	14°59	4°17	19°35	T 18
F 19 S 20	5 50 53 5 54 50	27° 8'51 28° 9'56	13°28 26°16	9°37 11° 3	14°25 15°25	3°38 4°23	27°53 28° 3	17°36 17°43	8°14 8°13	28°15 28°15	7°23 7°22	15°31 15°30	14°56 14°53	4°24 4°30	19°41 19°46	F 19 S 20
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S 21	5 58 46	2 <u>9</u> °11'02	9≈17	12°30	16°26	5° 9	28°14	17°50	8°12	28°16	7°21	15°28	14°50	4°37	19°51	S 21
M22	6 2 43	0 ට 12'08	22°32	13°57	17°26	5°54	28°24	17°57	8°11	28°16	7°21	15°26	14°47	4°44	19°57	M22
T 23	6 6 39	1°13'14	6 ₩ 0	15°25	18°25	6°40	28°35	18° 4	8° 9	28°16	7°20	15°24	14°43	4°50	20° 2	T 23
W24	6 10 36	2°14'20	19°41	16°54	19°24	7°26	28°46	18°11	8° 8	28°16	7°19	15°23	14°40	4°57	20° 8	W24
T 25	6 14 32	3°15'27	3 Y 36	18°23	20°22	8°11	28°57	18°18	8° 7	28°17	7°19	15°D22	14°37	5° 4	20°13	T 25
F 26 S 27	6 18 29 6 22 25	4°16'34 5°17'40	17°43 2 8 1	19°52 21°22	21°20 22°18	8°57 9°43	29° 8 29°19	18°25 18°32	8° 6 8° 5	28°17 28°17	7°18 7°18	15°23 15°24	14°34 14°31	5°10 5°17	20°19 20°24	F 26 S 27
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S 28	6 26 22	6°18'47	16°28	22°52	23°15	10°28	29°30	18°39	8° 4	28°17	7°17	15°25	14°28	5°24	20°30	S 28
M29	6 30 19	7°19'54	1 I 0	24°23	24°11	11°14	29°42	18°46	8° 3	28°17	7°17	15°27	14°24	5°30	20°35	M29
T 30	6 34 15	8°21'01	15°32	25°54	25° 7	12° 0	29°53	18°53	8° 2	28°R17	7°16	15°R27	14°21	5°37	20°41	T 30
W31	6 38 12	9 3 22'09	29耳58	27 × 125	26≈ 2	12 る 46	0 米 5	18 ×7 59	8 8 1	28 m 17	7 8 16	15 ₹ 26	14 × 18	5 M .44	20 궁 47	W31

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M 1 T 2	21 s46 21 55			2n35 23 s44 2 36 23 3					21 s14 21 15		13n59 13 58		1n53 1n1 1 52 1 1			22 s38 22 38	-			6n28 6 27
W 3	22 4	22 35 0s3	15 35	2 35 23 17	2 41 23 5	0 42	14 1	1 1	21 16	1 24	13 58	0 27	1 52 1 1	2 1 50	16 45	22 38	22 40	15 41	15 47	6 27
T 4 F 5	22 12 22 20		3 15 47 2 16 1	2 33 23 2 2 30 22 4				1 1 1 1			13 57 13 56		1 52 1 1 1 51 1 1			22 38 22 38				6 27 6 27
S 6			9 16 17						21 18		13 56		1 51 1 1			22 38				6 26
S 7 M 8 T 9	22 35 22 41 22 47	6 37 5 7 1 54 5 1	16 35 7 16 54 7 17 15	2 17 21 58 2 12 21 4	3 2 33 24 2 2 31 24	0 44	13 46 13 43	1 1 1 1	21 21	1 24 1 24	13 54	0 27 0 27	1 51 1 1 1 50 1 1 1 50 1 1	2 1 51 2 1 51	16 44 16 43	22 38 22 38 22 38	22 38 22 38	15 49 15 51	15 45 15 44	6 26 6 26 6 26
W10 T 11 F 12 S 13	22 53 22 58 23 3 23 7	7 16 4 50 11 26 4 20	1 17 36 5 17 58 6 18 20 5 18 43	2 6 21 24 1 59 21 6 1 52 20 4 1 45 20 28	2 26 24 10 2 23 24 1	0 45		1 1 1 1 1 1 1 0	21 22	1 24 1 24		0 27 0 27	1 50 1 1 1 50 1 1 1 50 1 1 1 49 1 1	2 1 51 2 1 51	16 43 16 43	22 38 22 38 22 38 22 38	22 37 22 37	15 54 15 56	15 43 15 43	6 25 6 25 6 25 6 25
S 14 M15	23 11 23 15 23 18 23 20 23 22 23 24	18 19 2 54 20 42 1 53 22 11 0 5 22 39 0n1' 22 1 1 24 20 17 2 29	4 19 5 5 19 28 1 19 50 7 20 12 4 20 33	1 38 20 9 1 31 19 49 1 23 19 28 1 16 19 8 1 8 18 4 1 0 18 23	2 18 24 12 2 15 24 12 3 2 12 24 12 3 2 8 24 12 4 2 5 24 12 5 2 1 24 1	2 0 47 8 0 47 8 0 48 8 0 48 9 0 49 1 0 49	13 26 13 23 13 19 13 16 13 12 13 8	1 0 1 0 1 0 1 0 1 0 1 0	21 24 21 25 21 26 21 26 21 27	1 24 1 24 1 24 1 23 1 23 1 23	13 51 13 51 13 51 13 50 13 50	0 27 0 27 0 27 0 27 0 27 0 27 0 27	1 49 1 1 1 48 1 1 1 48 1 1	2 1 51 2 1 51 2 1 51 3 1 51 3 1 51 3 1 51	16 42 16 42 16 42 16 41 16 41 16 41	22 38 22 38 22 38 22 38 22 38 22 38 22 38 22 38	22 36 22 36 22 36 22 35 22 35 22 34	15 59 16 1 16 3 16 4 16 6 16 8		6 25 6 24 6 24 6 24 6 24 6 24 6 23
T 25 F 26 S 27	23 25 23 25 23 25 23 24 23 23 23 21 23 19	9 24 4 5 4 28 5 12 0n45 5 13 6 1 5 0	22 41 7 22 55	0 37 17 20 0 29 16 57 0 22 16 34 0 14 16 11 0 7 15 48	1 49 24 4 7 1 44 24 6 1 39 24 4 1 35 24 2 3 1 30 23 56 1 24 23 56	6 0 51 4 0 51 2 0 51 9 0 52 6 0 52	12 57 12 53 12 49	0 59 0 59 0 59	-	1 23 1 23 1 23 1 23 1 23		0 27 0 27 0 27 0 27 0 27	1 48 1 1 1 48 1 1	3 1 50 3 1 50 3 1 50 3 1 50 3 1 50 3 1 50 3 1 50	16 40 16 40 16 39 16 39 16 39 16 38	22 38 22 38 22 37 22 37 22 37 22 37 22 38	22 33 22 33 22 33 22 32 22 32 22 32	16 13 16 14 16 16 16 18 16 19 16 21	15 37 15 37 15 36 15 35 15 35 15 34	6 23 6 23 6 23 6 23 6 23 6 23 6 23
T 30	23 13	21 38 1 19 22 38 0s 0	3 23 22 9 23 33 0 23 43 9 23 s52	0 15 14 36 0 22 14 12	5 1 13 23 50 2 1 7 23 40	0 53 0 53	12 34 12 30 12 25 12 s21	0 59 0 59	21 34 21 34 21 35 21 s35	1 23 1 23	13 46 13 46 13 46 13n45	0 27 0 27	1 48 1 1 1 48 1 1 1 48 1 1 1n48 1n1	3 1 50 3 1 49	16 38 16 37	22 38 22 38 22 38 22 s38	22 31 22 30	16 24 16 26	15 33 15 32	6 23 6 22 6 22 6n22

Julian Day Number = 2489864.5, Delta T = 95.50 sec Ecliptic obliquity = $23^{\circ}25'30$, Nutation = $0^{\circ}00'16$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^{\circ}12'22$, Lahiri = $25^{\circ}19'23$