

# Astrodienst Ephemeris Tables for the year 2059

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 2059 00:00 UT

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Day	Sid.t	0	)	ğ	Ş	ď	4	ħ	)ţ(	卉	Р	u	u	Ç	ķ	Day
W 1	6 42 39	10 <b>ට</b> 32'58	4 <b>Ω</b> 26	29 <b>х</b> 47	23 <b>M</b> .51	16 <b>m</b> 25	15 <b>Υ</b> 11	12°R51	2 <b>M</b> .58	14°R15	18 <b>)(</b> 41	5°R27	3 <b>II</b> 55	24 <b>Q</b> 0	16≈40	W 1
T 2	6 46 36	11°34'06	16°23	1 <b>る</b> 19	24°55	16°37	15°15	12849	3° 0	14 <b>II</b> 13	18°42	5 <b>Ⅱ</b> 20	3°52	24° 7	16°44	T 2
F 3	6 50 33	12°35'14	28°16	2°52	25°59	16°47	15°20	12°48	3° 2	14°12	18°43	5°13	3°48	24°13	16°48	F 3
S 4	6 54 29	13°36'23	10 <b>m</b> ) 7	4°25	27° 4	16°57	15°25	12°47	3° 4	14°10	18°43	5° 7	3°45	24°20	16°52	S 4
S 5	6 58 26	14°37'31	22° 0	5°58	28° 9	17° 7	15°31	12°46	3° 6	14° 9	18°44	5° 2	3°42	24°27	16°56	S 5
M 6	7 2 22	15°38'40	3 <b>॒</b> 59	7°32	29°14	17°16	15°36	12°45	3° 8	14° 8	18°45	5° 0	3°39	24°33	17° 0	M 6
T 7	7 6 19	16°39'49	16° 8	9° 6	0 <b>√</b> 19	17°24	15°42	12°44	3° 9	14° 6	18°46	4°D59	3°36	24°40	17° 4	T 7
W 8	7 10 15	17°40'58	28°33	10°40	1°24	17°31	15°47	12°43	3°11	14° 5	18°47	4°59	3°33	24°47	17° 8	W 8
T 9	7 14 12	18°42'07	11 <b>M</b> .17	12°15	2°30	17°38	15°53	12°43	3°12	14° 3	18°48	5° 1	3°29	24°54	17°12	T 9
F 10	7 18 8	19°43'16	24°26	13°50	3°36	17°45	15°59	12°42	3°14	14° 2	18°49	5° 2	3°26	25° 0	17°16	F 10
S 11	7 22 5	20°44'26	8 <b>.</b> ₹ 2	15°26	4°42	17°50	16° 6	12°42	3°16	14° 1	18°49	5°R 3	3°23	25° 7	17°20	S 11
S 12	7 26 2	21°45'36	22° 6	17° 2	5°49	17°55	16°12	12°41	3°17	14° 0	18°50	5° 1	3°20	25°14	17°25	S 12
M13	7 29 58	22°46'45	6 <b>ප</b> 37	18°39	6°56	17°59	16°19	12°41	3°18	13°58	18°51	4°58	3°17	25°20	17°29	M13
T 14	7 33 55	23°47'54	21°29	20°16	8° 3	18° 3	16°26	12°D41	3°20	13°57	18°52	4°52	3°14	25°27	17°33	T 14
W15	7 37 51	24°49'03	6≈35	21°53	9°10	18° 6	16°33	12°41	3°21	13°56	18°53	4°44	3°10	25°34	17°37	W15
T 16	7 41 48	25°50'11	21°45	23°31	10°17	18° 8	16°40	12°41	3°22	13°55	18°54	4°36	3° 7	25°41	17°41	T 16
F 17	7 45 44	26°51'19	6 <b>) (</b> 47	25°10	11°25	18° 9	16°47	12°42	3°23	13°54	18°55	4°28	3° 4	25°47	17°46	F 17
S 18	7 49 41	27°52'26	21°34	26°49	12°32	18°R10	16°54	12°42	3°24	13°52	18°56	4°22	3° 1	25°54	17°50	S 18
S 19	7 53 37	28°53'32	5 <b>Ƴ</b> 59	28°28	13°40	18° 9	17° 2	12°43	3°26	13°51	18°58	4°17	2°58	26° 1	17°54	S 19
M20	7 57 34	29°54'37	20° 0	0≈ 8	14°48	18° 8	17°10	12°43	3°27	13°50	18°59	4°15	2°54	26° 8	17°59	M20
T 21	8 1 31	0≈55'42	3 <b>8</b> 36	1°49	15°56	18° 7	17°18	12°44	3°27	13°49	19° 0	4°D14	2°51	26°14	18° 3	T 21
W22	8 5 27	1°56'45	16°49	3°30	17° 5	18° 4	17°26	12°45	3°28	13°48	19° 1	4°15	2°48	26°21	18° 7	W22
T 23	8 9 24	2°57'48	29°42	5°12	18°13	18° 1	17°34	12°46	3°29	13°47	19° 2	4°R16	2°45	26°28	18°12	T 23
F 24	8 13 20	3°58'49	12∏19	6°54	19°22	17°57	17°42	12°47	3°30	13°46	19° 3	4°15	2°42	26°34	18°16	F 24
S 25	8 17 17	4°59'50	24°44	8°37	20°31	17°52	17°51	12°48	3°31	13°45	19° 4	4°13	2°39	26°41	18°20	S 25
S 26	8 21 13	6° 0'50	6958	10°20	21°40	17°47	17°59	12°50	3°31	13°44	19° 6	4° 8	2°35	26°48	18°25	S 26
M27	8 25 10	7° 1'49	19° 5	12° 4	22°49	17°40	18° 8	12°51	3°32	13°43	19° 7	4° 1	2°32	26°55	18°29	M27
T 28	8 29 7	8° 2'47	1 <b>Ω</b> 7	13°48	23°58	17°33	18°17	12°52	3°33	13°43	19° 8	3°50	2°29	27° 1	18°34	T 28
W29	8 33 3	9° 3'44	13° 4	15°33	25° 8	17°25	18°26	12°54	3°33	13°42	19° 9	3°38	2°26	27° 8	18°38	W29
T 30	8 37 0	10° 4'40	24°58	17°18	26°17	17°16	18°35	12°56	3°34	13°41	19°11	3°25	2°23	27°15	18°43	T 30
F 31	8 40 56	11≈ 5'35	6 <b>m</b> 51	19≈ 3	27 <b>×</b> <sup>7</sup> 27	17 <b>m</b> ) 7	18 <b>Ƴ</b> 45	12 <b>8</b> 58	3 <b>M</b> .34	13 <b>Ⅱ</b> 40	19 <b>米</b> 12	3 <b>Ⅱ</b> 11	2Ⅱ20	27 <b>Ω</b> 21	18 <b>≈</b> 47	F 31

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W 1	23 s 1	23n27	-	24s 8	0 s42		3n10	8n12	3n 5	4n47	1 s18		2 s25	12s 0		20n59			-				9 s 5 2	6n15
T 2	22 56			24 14	0 48		3 10	8 9	3 7	4 49	1 18		2 25			20 59	1 32						9 51	6 14
F 3	22 50			24 19	0 55		3 9	8 7	3 9	4 51		13 23	2 25			20 59							9 51	6 14
S 4	22 44	12 32	5 9	24 22	1 0	16 26	3 9	8 4	3 10	4 53	1 17	13 23	2 24	12 2	0 32	20 59	1 32	17 54	14 39	21 9	20 54	18 11	9 50	6 14
S 5	22 38	7 43	4 57	24 24	1 6	16 41	3 8	8 2	3 12	4 55	1 17	13 23	2 24	12 3	0 32	20 58	1 32	17 53	14 38	21 8	20 53	18 9	9 49	6 14
M 6	22 31	2 34	-	24 25	1 12	16 55	3 8	8 1	3 14	4 58		13 23	2 24	12 3	0 32	20 58	1 32				20 53		9 48	6 13
T 7	22 24			24 24	1 17		3 7	7 59	3 16			13 23	2 23			20 58	1 32	17 52			20 52		9 47	6 13
W 8	22 16		-	24 22	1 22		3 6	7 58	3 18	5 3		13 23	2 23			20 58	1 32				20 51		9 46	6 13
T 9	22 8			24 19	1 27		3 5	7 57	3 20			13 23	2 23			20 58	1 32				20 51		9 45	6 13
				24 14	1 32		3 3	7 56	3 22	5 8		13 23	2 23			20 58			-			17 58	9 44	6 13
S 11	21 50	21 54	0s16	24 8	1 36	18 5	3 2	7 56	3 24	5 10	1 15	13 23	2 22	12 6	0 32	20 58	1 32	17 49	14 37	21 8	20 50	17 56	9 43	6 12
S 12	21 40	24 42	1 31	24 0	1 40	18 18	3 1	7 56	3 26	5 13	1 15	13 23	2 22	12 6	0 32	20 58	1 31	17 49	14 37	21 8	20 49	17 54	9 42	6 12
M13	21 31	25 58	2 42	23 51	1 44	18 31	2 59	7 56	3 27	5 16	1 15	13 23	2 22	12 7	0 32	20 57	1 31	17 48	14 36	21 7	20 48	17 52	9 41	6 12
T 14	21 20	25 24	3 43	23 41	1 48	18 44	2 57	7 56	3 29	5 19	1 14	13 24	2 21	12 7	0 32	20 57	1 31	17 48	14 36	21 6	20 48	17 50	9 40	6 12
W15	21 9	22 59	4 30	23 29	1 51	18 56	2 55	7 57	3 31	5 22	1 14	13 24	2 21	12 8	0 32	20 57	1 31	17 47	14 36	21 5	20 47	17 47	9 39	6 12
T 16	20 58	18 57		23 15	1 54		2 54	7 58	3 33	5 25	1 14	13 24	2 21			20 57	1 31					17 45	9 38	6 11
F 17		13 45			1 57		2 52	7 59	3 35	5 28	1 14	-	2 20	-		20 57						17 43	9 36	6 11
S 18	20 35	7 49	4 53	22 44	1 59	19 30	2 49	8 0	3 37	5 31	1 13	13 25	2 20	12 9	0 32	20 57	1 31	17 45	14 35	21 1	20 45	17 41	9 35	6 11
S 19	20 23	1 37	4 21	22 26	2 1	19 40	2 47	8 2	3 39	5 34	1 13	13 26	2 20	12 9	0 32	20 57	1 31	17 44	14 35	21 0	20 45	17 39	9 34	6 11
M20	20 10	4n31	3 34	22 7	2 3	19 50	2 45	8 4	3 41	5 37	1 13	13 26	2 20	12 9	0 32	20 57	1 31	17 44	14 35	20 59	20 44	17 36	9 33	6 11
T 21	19 57	10 15	2 37	21 46	2 4	20 0	2 43	8 7	3 43	5 40	1 13	13 27	2 19	12 10	0 32	20 57	1 31	17 43	14 34	20 59	20 43	17 34	9 32	6 11
W22	19 43	15 23	1 32	21 23	2 5	20 9	2 40	8 9	3 45	5 44	1 12	13 27	2 19	12 10	0 32	20 57	1 31	17 42	14 34	20 59	20 43	17 32	9 31	6 10
T 23	19 29	-	0 24		2 5		2 38	8 12	3 46	-	1 12			12 10		20 57			-		-	17 30	9 30	6 10
F 24		22 58		20 34		20 26	2 35	8 16	3 48	5 50		13 28		12 10		20 56		17 41					9 28	6 10
S 25	19 1	25 7	1 47	20 7	2 5	20 34	2 32	8 19	3 50	5 54	1 11	13 29	2 18	12 11	0 32	20 56	1 31	17 40	14 33	20 59	20 41	17 25	9 27	6 10
S 26	18 46	26 0	2 45	19 38	2 4	20 41	2 29	8 23	3 52	5 57	1 11	13 30	2 18	12 11	0 32	20 56	1 31	17 40	14 33	20 58	20 40	17 23	9 26	6 10
M27	18 31	25 37	3 35	19 8	2 3	20 48	2 27	8 27	3 54	6 1	1 11	13 30	2 18	12 11	0 32	20 56	1 31						9 25	6 10
T 28	18 15			18 37	2 1		2 24	8 32	3 55		1 11			12 11		20 56	1 31					17 18	9 23	6 10
W29		21 24		-		-	2 21	8 36	3 57	6 8	1 11			12 11		20 56	1 31					17 16	9 22	6 10
T 30		17 52		17 29	1 56		2 18	8 41	3 59		1 10			12 12		20 56	1 31					17 14	9 21	6 9
F 31	17 s26	13n39	5n 1	16 s 5 3	1 s52	21 s10	2n14	8n47	4n 0	6n16	1 s10	13n33	2s16	12 s12	0n32	20n56	1 s31	17 s36	14 s32	20n47	20n37	17n12	9 s 2 0	6n 9

Julian Day Number = 2473094.5, Delta T = 77.32 sec Ecliptic obliquity = 23°25′57, Nutation = -0°00′15, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 25°33′52, Lahiri = 24°40′53

FEBRUARY 2059 00:00 UT

Day	Sid.t	0	D	ğ	·	♂	4	ħ	)∤(	卉	Р	ß	Ω	Ç	ķ	Day
S 1	8 44 53	12≈ 6′29	18 <b>m</b> 43	20≈49	28 <b>×</b> 36	16°R56	18 <b>Y</b> 54	13 <b>8</b> 0	3 <b>M</b> .34	13°R40	19 <b>)</b> 13	2°R59	2 <b>П</b> 16	27 <b>\O</b> 28	18≈52	S 1
S 2	8 48 49	13° 7'23	ე <u>ჲ</u> 37	22°35	29°46	16 <b>m</b> 45	19° 3	13° 2	3°35	13 <b>II</b> 39	19°15	2Д50	2°13	27°35	18°56	S 2
M 3	8 52 46	14° 8'15	12°36	24°21	0 <b>궁</b> 56	16°33	19°13	13° 4	3°35	13°38	19°16	2°42	2°10	27°42	19° 0	M 3
T 4	8 56 42	15° 9'07	24°44	26° 6	2° 6	16°20	19°23	13° 6	3°35	13°37	19°17	2°38	2° 7	27°48	19° 5	T 4
W 5	9 0 39	16° 9'58	7 <b>M</b> 5	27°51	3°17	16° 7	19°33	13° 9	3°35	13°37	19°19	2°36	2° 4	27°55	19° 9	W 5
T 6	9 4 35	17°10'48	19°43	29°36	4°27	15°53	19°43	13°11	3°35	13°36	19°20	2°D36	2° 0	28° 2	19°14	T 6
F 7	9 8 32	18°11'37	2 <b>,</b> 744	1 <b>∺</b> 20	5°37	15°38	19°53	13°14	3°R35	13°36	19°21	2°R36	1°57	28° 9	19°18	F 7
S 8	9 12 29	19°12'26	16°11	3° 2	6°48	15°22	20° 3	13°16	3°35	13°35	19°23	2°35	1°54	28°15	19°23	S 8
S 9	9 16 25	20°13'13	0중 7	4°43	7°58	15° 6	20°14	13°19	3°35	13°35	19°24	2°33	1°51	28°22	19°27	S 9
M10	9 20 22	21°14'00	14°33	6°23	9° 9	14°49	20°24	13°22	3°35	13°34	19°25	2°28	1°48	28°29	19°32	M10
T 11	9 24 18	22°14'46	29°25	8° 0	10°20	14°31	20°35	13°25	3°35	13°34	19°27	2°20	1°45	28°35	19°36	T 11
W12	9 28 15	23°15'30	14 <b>≈</b> 37	9°34	11°31	14°13	20°46	13°28	3°34	13°34	19°28	2° 9	1°41	28°42	19°41	W12
T 13	9 32 11	24°16'13	29°59	11° 5	12°42	13°54	20°57	13°31	3°34	13°33	19°30	1°58	1°38	28°49	19°45	T 13
F 14	9 36 8	25°16'54	15 <b>)</b> 18	12°32	13°53	13°34	21° 8	13°35	3°34	13°33	19°31	1°47	1°35	28°56	19°50	F 14
S 15	9 40 5	26°17'34	0 <b>Υ</b> 23	13°54	15° 4	13°14	21°19	13°38	3°33	13°33	19°33	1°37	1°32	29° 2	19°54	S 15
S 16	9 44 1	27°18'12	15° 5	15°10	16°15	12°53	21°30	13°42	3°33	13°32	19°34	1°29	1°29	29° 9	19°59	S 16
M17	9 47 58	28°18'49	29°19	16°21	17°26	12°32	21°41	13°45	3°32	13°32	19°36	1°24	1°26	29°16	20° 3	M17
T 18	9 51 54	29°19'24	138 4	17°25	18°37	12°10	21°52	13°49	3°31	13°32	19°37	1°22	1°22	29°23	20° 8	T 18
W19	9 55 51	0 <b>米</b> 19'57	26°21	18°22	19°49	11°48	22° 4	13°53	3°31	13°32	19°39	1°22	1°19	29°29	20°12	W19
T 20	9 59 47	1°20'28	9 <b>Ⅱ</b> 14	19°11	21° 0	11°26	22°16	13°57	3°30	13°32	19°40	1°22	1°16	29°36	20°16	T 20
F 21	10 3 44	2°20'58	21°46	19°51	22°11	11° 3	22°27	14° 1	3°29	13°32	19°42	1°21	1°13	29°43	20°21	F 21
S 22	10 7 40	3°21'26	499 4	20°21	23°23	10°40	22°39	14° 5	3°29	13°D32	19°43	1°18	1°10	29°49	20°25	S 22
S 23	10 11 37	4°21'51	16°10	20°42	24°34	10°17	22°51	14° 9	3°28	13°32	19°45	1°12	1° 6	29°56	20°30	S 23
M24	10 15 34	5°22'16	28° 9	20°54	25°46	9°54	23° 3	14°13	3°27	13°32	19°46	1° 4	1° 3	0 <b>m</b> y 3	20°34	M24
T 25	10 19 30	6°22'38	10 <b>0</b> 3	20°R55	26°58	9°30	23°15	14°17	3°26	13°32	19°48	0°52	1° 0	0°10	20°38	T 25
W26	10 23 27	7°22'58	21°56	20°46	28° 9	9° 6	23°27	14°22	3°25	13°32	19°49	0°39	0°57	0°16	20°43	W26
T 27	10 27 23	8°23'17	3 <b>m</b> 48	20°28	29°21	8°43	23°39	14°26	3°24	13°32	19°51	0°24	0°54	0°23	20°47	T 27
F 28	10 31 20	9 <b>)</b> 23'34	15 <b>M</b> 42	20 <b>米</b> 0	0≈33	8 <b>m</b> )19	23 <b>Y</b> 51	14831	3 <b>M</b> 23	13 <b>Ⅱ</b> 32	19 <b>¥</b> 52	0 <b>Ⅱ</b> 10	0 <b>Ⅱ</b> 51	0 <b>m</b> y30	20≈51	F 28

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S 1	17s10	8n55	4n50	16s16	1 s48	21s14	2n11	8n52	4n 2	6n19	1 s10	13n34	2s16	12 s12	0n32	20n56	1 s31	17s36	14 s32	20n45	20n37	17n 9	9s18	6n 9
S 2	16 52	3 50	4 27	15 37	1 44	21 18	2 8	8 58	4 3	6 23	1 10	13 35	2 16	12 12	0 32	20 56	1 31	17 35	14 32	20 43	20 36	17 7	9 17	6 9
M 3	16 35	1 s25	3 52	14 57	1 39	21 21	2 5	9 4	4 5	6 27	1 9	13 36	2 15	12 12	0 32	20 56	1 30	17 34	14 32	20 42	20 35	17 5	9 16	6 9
T 4	16 17	6 41	3 6	14 16	1 33	21 23	2 2	9 10	4 6	6 31	1 9	13 37	2 15	12 12	0 32	20 56	1 30	17 34	14 32	20 41	20 35	17 3	9 15	6 9
W 5	15 59	11 49	2 11	13 34	1 26	21 25	1 58	9 17	4 8	6 35	1 9	13 38	2 15	12 12	0 32	20 56	1 30	17 33	14 31	20 40	20 34	17 0	9 13	6 9
T 6	15 41	16 34	1 8	12 50	1 19	21 27	1 55	9 24	4 9	6 39	1 9	13 39	2 15	12 12	0 32	20 56	1 30	17 32	14 31	20 40	20 33	16 58	9 12	6 9
F 7	15 22	20 43	0 s 1	12 6	1 11	21 28	1 51	9 31	4 11	6 43	1 8	13 40	2 14	12 12	0 32	20 56	1 30	17 32	14 31	20 40	20 33	16 56	9 11	6 9
S 8	15 4	23 54	1 11	11 21	1 2	21 28	1 48	9 38	4 12	6 47	1 8	13 41	2 14	12 12	0 32	20 56	1 30	17 31	14 31	20 40	20 32	16 53	9 9	6 9
S 9	14 44	25 46	2 20	10 35	0 53	21 27	1 44	9 45	4 13	6 51	1 8	13 42	2 14	12 12	0 33	20 56	1 30	17 30	14 31	20 40	20 32	16 51	9 8	6 9
M10	14 25	25 59	3 22	9 49	0 42	21 26	1 41	9 53	4 14	6 55	1 8	13 43	2 13	12 12	0 33	20 56	1 30	17 30	14 31	20 39	20 31	16 49	9 7	6 9
T 11	14 6	24 23	4 13	9 3	0 31	21 25	1 37	10 1	4 15	7 0	1 8	13 45	2 13	12 12	0 33	20 56	1 30	17 29	14 31	20 37	20 30	16 46	9 5	6 9
W12	13 46	21 0	4 46	8 17	0 20	21 23	1 34	10 9	4 16	7 4	1 7	13 46	2 13	12 12	0 33	20 56	1 30	17 28	14 30	20 35	20 30	16 44	9 4	6 9
T 13	13 26	16 9	5 0	7 31	0 7	21 20	1 30	10 17	4 17	7 8	1 7	13 47	2 13	12 11	0 33	20 56	1 30	17 27	14 30	20 33	20 29	16 42	9 3	6 9
F 14	13 5	10 17	4 52	6 46	0n 6	21 17	1 26	10 25	4 18	7 12	1 7	13 48	2 12	12 11	0 33	20 56	1 30	17 27	14 30	20 31	20 28	16 39	9 1	6 9
S 15	12 45	3 53	4 24	6 2	0 20	21 13	1 23	10 34	4 18	7 17	1 7	13 50	2 12	12 11	0 33	20 56	1 30	17 26	14 30	20 29	20 28	16 37	9 0	6 9
S 16	12 24	2n35	3 38	5 19	0 34	21 8	1 19	10 42	4 19	7 21	1 7	13 51	2 12	12 11	0 33	20 56	1 30	17 25	14 30	20 27	20 27	16 35	8 59	6 9
M17	12 3	8 44	2 40	4 38	0 48	21 3	1 15	10 51	4 19	7 25	1 6	13 52	2 12	12 11	0 33	20 56	1 30	17 25	14 30	20 26	20 26	16 32	8 57	6 9
T 18	11 42	14 15	1 35	3 59	1 4	20 57	1 12	11 0	4 20	7 30	1 6	13 54	2 11	12 10	0 33	20 56	1 30	17 24	14 30	20 26	20 26	16 30	8 56	6 9
W19	11 21	18 54	0 26	3 23	1 19	20 51	1 8	11 8	4 20	7 34	1 6	13 55	2 11	12 10	0 33	20 56	1 30	17 23	14 30	20 26	20 25	16 28	8 54	6 9
T 20	11 0	22 31	0n41	2 50	1 34	20 44	1 4	11 17	4 20	7 39	1 6	13 56	2 11	12 10	0 33	20 56	1 30	17 23	14 30	20 26	20 24	16 25	8 53	6 9
F 21	10 38	24 56	1 46	2 20	1 50	20 37	1 1	11 26	4 21	7 43	1 6	13 58	2 10	12 10	0 33	20 56	1 29	17 22	14 30	20 25	20 24	16 23	8 52	6 9
S 22	10 16	26 5	2 43	1 54	2 5	20 28	0 57	11 35	4 21	7 48	1 5	13 59	2 10	12 9	0 33	20 56	1 29	17 21	14 29	20 25	20 23	16 20	8 50	6 9
S 23	9 54	25 58	3 33	1 32	2 20	20 20	0 53	11 44	4 21	7 52	1 5	14 1	2 10	12 9	0 33	20 56	1 29	17 21	14 29	20 24	20 23	16 18	8 49	6 9
M24	9 32	24 38	4 12	1 14	2 34	20 10	0 49	11 52	4 20	7 57	1 5	14 2	2 10	12 9	0 33	20 56	1 29	17 20	14 29	20 22	20 22	16 16	8 47	6 9
T 25	9 10	22 13	4 40	1 2	2 48	20 1	0 46	12 1	4 20	8 1	1 5	14 4	2 9	12 8	0 33	20 56	1 29	17 19	14 29	20 20	20 21	16 13	8 46	6 9
W26	8 48	18 51	4 56	0 54	3 0	19 50	0 42	12 10	4 20	8 6	1 5	14 5	2 9	12 8	0 33	20 57	1 29	17 19	14 29	20 17	20 21	16 11	8 45	6 9
T 27	8 25	14 45	4 59	0 50	3 12	19 39	0 38	12 18	4 19	8 11	1 5	14 7	2 9	12 8	0 33	20 57	1 29	17 18	14 29	20 14	20 20	16 9	8 43	6 9
F 28	8 s 3	10n 4	4n49	0s52	3n21	19 s28	0n35	12n27	4n19	8n15	1 s 4	14n 8	2s 9	12 s 7	0n33	20n57	1 s29	17s17	14 s29	20n11	20n19	16n 6	8 s42	6n 9

Julian Day Number = 2473125.5, Delta T = 77.35 sec Ecliptic obliquity = 23°25'58, Nutation = -0°00'14, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 25°33'57, Lahiri = 24°40'57

**MARCH 2059** 00:00 UT

Day	Sid.t	0	D	Ϋ́	φ	♂ <sup>™</sup>	4	ħ	)∤(	¥	Р	ß	v	Ç	ę,	Day
S 1	10 35 16	10 <b>)</b> 23'49	27 <b>m</b> 38	19°R24	1≈45	7°R55	24 <b>Y</b> 3	14836	3°R21	13 <b>Ⅲ</b> 32	19 <b>米</b> 54	29°R56	0 <b>Ⅱ</b> 47	0 <b>m</b> /36	20≈56	S 1
S 2	10 39 13	11°24'02	9 <b>॒</b> 38	18 <b>)</b> 41	2°57	7 <b>m</b> 31	24°16	14°40	3 <b>M</b> 20	13°33	19°56	29845	0°44	0°43	21° 0	S 2
M 3	10 43 9	12°24'14	21°43	17°51	4° 9	7° 8	24°28	14°45	3°19	13°33	19°57	29°37	0°41	0°50	21° 4	M 3
T 4	10 47 6	13°24'24	3 <b>M</b> .56	16°56	5°21	6°44	24°41	14°50	3°18	13°33	19°59	29°31	0°38	0°57	21° 8	T 4
W 5	10 51 2	14°24'33	16°20	15°57	6°33	6°21	24°53	14°55	3°16	13°34	20° 0	29°29	0°35	1° 3	21°12	W 5
T 6	10 54 59	15°24'40	28°59	14°56	7°45	5°58	25° 6	15° 0	3°15	13°34	20° 2	29°D28	0°32	1°10	21°17	T 6
F 7	10 58 56	16°24'46	11 <b>.7</b> 57	13°54	8°57	5°35	25°19	15° 5	3°13	13°34	20° 3	29°R28	0°28	1°17	21°21	F 7
S 8	11 2 52	17°24'50	25°16	12°53	10° 9	5°13	25°32	15°11	3°12	13°35	20° 5	29°28	0°25	1°24	21°25	S 8
S 9	11 649	18°24'53	9る 2	11°54	11°22	4°50	25°45	15°16	3°10	13°35	20° 6	29°26	0°22	1°30	21°29	S 9
M10	11 10 45	19°24'54	23°14	10°58	12°34	4°29	25°58	15°21	3° 9	13°36	20° 8	29°22	0°19	1°37	21°33	M10
T 11	11 14 42	20°24'53	7 <b>≈</b> 53	10° 6	13°46	4° 7	26°11	15°27	3° 7	13°36	20°10	29°16	0°16	1°44	21°37	T 11
W12	11 18 38	21°24'51	22°53	9°19	14°59	3°47	26°24	15°32	3° 6	13°37	20°11	29° 7	0°12	1°50	21°41	W12
T 13	11 22 35	22°24'47	8 <b>¥</b> 5	8°38	16°11	3°26	26°37	15°38	3° 4	13°38	20°13	28°57	0° 9	1°57	21°45	T 13
F 14	11 26 31	23°24'41	23°21	8° 3	17°23	3° 7	26°50	15°44	3° 2	13°38	20°14	28°47	0° 6	2° 4	21°49	F 14
S 15	11 30 28	24°24'33	8 <b>Ƴ</b> 28	7°34	18°36	2°47	27° 3	15°49	3° 0	13°39	20°16	28°38	0° 3	2°11	21°53	S 15
S 16	11 34 25	25°24'23	23°17	7°12	19°48	2°29	27°17	15°55	2°58	13°40	20°18	28°31	29 <b>8</b> 59	2°17	21°57	S 16
M17	11 38 21	26°24'10	7 <b>8</b> 41	6°56	21° 1	2°11	27°30	16° 1	2°57	13°40	20°19	28°27	29°57	2°24	22° 1	M17
T 18	11 42 18	27°23'56	21°36	6°46	22°13	1°54	27°43	16° 7	2°55	13°41	20°21	28°25	29°53	2°31	22° 5	T 18
W19	11 46 14	28°23'40	5 <b>II</b> 2	6°D43	23°26	1°37	27°57	16°13	2°53	13°42	20°22	28°D25	29°50	2°38	22° 9	W19
T 20	11 50 11	29°23'21	18° 1	6°45	24°38	1°21	28°10	16°19	2°51	13°43	20°24	28°26	29°47	2°44	22°12	T 20
F 21	11 54 7	0 <b>Υ</b> 23'00	0ഇ37	6°53	25°51	1° 6	28°24	16°25	2°49	13°44	20°25	28°R26	29°44	2°51	22°16	F 21
S 22	11 58 4	1°22'37	12°56	7° 7	27° 3	0°51	28°38	16°31	2°47	13°45	20°27	28°26	29°41	2°58	22°20	S 22
S 23	12 2 0	2°22'12	25° 1	7°26	28°16	0°37	28°51	16°38	2°45	13°46	20°28	28°23	29°37	3° 4	22°24	S 23
M24	12 5 57	3°21'44	6 <b>Ω</b> 57	7°50	29°29	0°24	29° 5	16°44	2°43	13°46	20°30	28°18	29°34	3°11	22°27	M24
T 25	12 9 54	4°21'14	18°50	8°19	0 <b>∺</b> 41	0°12	29°19	16°50	2°41	13°48	20°32	28°10	29°31	3°18	22°31	T 25
W26	12 13 50	5°20'41	0 <b>m</b> 41	8°52	1°54	0° 1	29°32	16°57	2°38	13°49	20°33	28° 1	29°28	3°25	22°34	W26
T 27	12 17 47	6°20'07	12°34	9°30	3° 7	29⋒50	29°46	17° 3	2°36	13°50	20°35	27°51	29°25	3°31	22°38	T 27
F 28	12 21 43	7°19'30	24°31	10°11	4°19	29°40	0 <b>8</b> 0	17°10	2°34	13°51	20°36	27°41	29°22	3°38	22°41	F 28
S 29	12 25 40	8°18'51	6 <b>₾</b> 33	10°56	5°32	29°31	0°14	17°16	2°32	13°52	20°38	27°32	29°18	3°45	22°45	S 29
S 30	12 29 36	9°18'11	18°42	11°44	6°45	29°23	0°28	17°23	2°29	13°53	20°39	27°25	29°15	3°51	22°48	S 30
M31	12 33 33	10 <b>Y</b> 17'28	0 <b>M</b> 59	12 <b>∺</b> 36	7 <b>∺</b> 58	29 <b>Ω</b> 15	0 <b>8</b> 42	17 <b>8</b> 29	2M27	13 <b>Ⅱ</b> 54	20 <b>)</b> (41	27819	29812	3 <b>m</b> 58	22≈52	M31

Day	0	D	ğ	·	♂¹	4	ħ	)Å(	卉	В	n .	U ţ	, k
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl d	lecl decl	decl lat
S 1	7 s40	5n 0 4n26	0s59 3n2	9 19s16 0n31	12n35 4n18	8n20 1s 4	14n10 2s 8	12 s 7 0n33	20n57 1 s29	17s17 14s29	20n 8 20	n19 16n 4	8 s 40 6 n 10
S 2	7 17	0s16 3 51	1 10 3 3	5 19 3 0 28	12 43 4 17	8 25 1 4	14 12 2 8	12 6 0 33	20 57 1 29	17 16 14 29	20 6 20	18 16 1	8 39 6 10
M 3	6 54	5 36 3 5	1 26 3 3			8 29 1 4			20 57 1 29			17 15 59	
T 4	6 31	10 47 2 11	1 46 3 4		12 59 4 15	8 34 1 4	-					17 15 56	
W 5	6 8	15 37 1 9	2 8 3 4		13 7 4 14	8 39 1 4							
T 6		19 53 0 3	2 34 3 3		13 14 4 13	8 44 1 3						15 15 52	
F 7 S 8	5 22 4 58	23 18 1s 6 25 33 2 12			13 21 4 12	8 48 1 3 8 53 1 3		12 4 0 33 12 4 0 33		17 13 14 29 17 12 14 29		15 15 49 14 15 47	
	4 38	25 33 2 12	3 31 3 2	8 17 36 0 6	13 29 4 10	8 33 1 3	14 22 2 7	12 4 0 33	20 57 1 29	17 12 14 29	20 2 20	14 15 47	8 30 6 10
S 9		26 21 3 13	_		13 35 4 9	8 58 1 3			20 58 1 29			13 15 44	
M10		25 27 4 5	4 31 3 1		13 42 4 7	9 3 1 3	-					13 15 42	
T 11	-	22 50 4 42	-		13 48 4 6	9 8 1 3							
W12	3 24				13 54 4 4	9 13 1 3							
T 13	3 1	13 9 4 58	5 57 2 3		14 0 4 2	9 17 1 2			20 58 1 28		19 55 20		
F 14	2 37	6 51 4 35				9 22 1 2			20 58 1 28		19 53 20		
S 15	2 13	0 13 3 53	6 47 2	6 15 31 0 17	14 11 3 58	9 27 1 2	14 34 2 5	11 59 0 33	20 58 1 28	17 8 14 29	19 51 20	9 15 29	8 21 6 11
S 16	1 50	6n20 2 56	7 9 1 5	1 15 11 0 20	14 16 3 56	9 32 1 2	14 36 2 5	11 59 0 33	20 59 1 28	17 8 14 29	19 50 20	9 15 27	8 19 6 12
M17	1 26	12 22 1 48	7 29 1 3			9 37 1 2		11 58 0 33	20 59 1 28		19 49 20	-	
T 18		17 34 0 36	1 1			9 42 1 2			20 59 1 28		19 48 20		
W19		21 43 0n35	-	7 14 10 0 29		9 47 1 2			20 59 1 28		19 48 20		
T 20		24 36 1 43	8 13 0 5		14 32 3 48	9 52 1 2			20 59 1 28		19 48 20		
F 21		26 9 2 43			14 36 3 45	9 57 1 1			20 59 1 28		19 48 20		
S 22	0 33	26 22 3 35	8 31 0 2	4 13 5 0 38	14 39 3 43	10 2 1 1	14 48 2 4	11 55 0 33	20 59 1 28	17 4 14 30	19 48 20	5 15 12	8 11 6 13
S 23	0 57	25 19 4 15	8 37 0 1	1 12 43 0 41	14 41 3 41	10 7 1 1	14 50 2 4	11 54 0 33	21 0 1 28	17 4 14 30	19 48 20	4 15 10	8 10 6 13
M24	1 20	23 7 4 45	8 40 0s	2 12 20 0 44	14 44 3 38	10 12 1 1	14 51 2 3	11 53 0 33	21 0 1 28	17 3 14 30	19 47 20	3 15 7	8 8 6 13
T 25	1 44	19 57 5 1	8 41 0 1	5 11 57 0 46	14 46 3 36	10 17 1 1	14 53 2 3	11 53 0 33	21 0 1 28	17 3 14 30	19 45 20	3 15 5	8 7 6 13
W26		15 58 5 5	8 39 0 2					11 52 0 33			19 43 20		
T 27		11 23 4 55	8 36 0 3		14 49 3 31	10 26 1 1		11 51 0 33			19 41 20		
F 28	2 54	6 21 4 33	8 31 0 5		14 50 3 29	10 31 1 1		11 50 0 33			19 38 20		
S 29	3 18	1 3 3 58	8 23 1	0 10 21 0 57	14 51 3 26	10 36 1 1	15 1 2 3	11 50 0 33	21 1 1 27	17 1 14 30	19 36 20	0 14 54	8 1 6 14
S 30	3 41	4 s 2 2 3 1 2	8 14 1 1	0 9 57 0 59	14 52 3 24	10 41 1 0	15 3 2 2	11 49 0 33	21 1 1 27	17 0 14 31	19 35 19	59 14 52	8 0 6 15
M31	4n 4	9s41 2n17	8s 3 1s1	9 9s32 1s 1	14n52 3n21	10n46 1s 0	15n 5 2s 2	11 s48 0n33	21n 1 1s27	17s 0 14s31	19n33 19	n58 14n49	7 s 59 6 n 1 5

Julian Day Number = 2473153.5, Delta T = 77.37 sec

Ecliptic obliquity =  $23^{\circ}25'59$ , Nutation =  $-0^{\circ}00'14$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $25^{\circ}34'01$ , Lahiri =  $24^{\circ}41'01$ 

APRIL 2059 00:00 UT

Day	Sid.t	0	D	ğ	φ	8	4	ħ	)∤(	¥	Р	ß	Ω	Ç	ę,	Day
T 1	12 37 29	11 <b>°</b> 16'43	13 <b>M</b> 25	13 <b>)</b> (31	9 <b>)</b> 10	29°R 8	0 <b>8</b> 56	17 <b>8</b> 36	2°R25	13 <b>II</b> 55	20 <b>) (</b> 42	27°R16	29 <b>8</b> 9	4 Mp 5	22≈55	T 1
W 2	12 41 26	12°15'56	26° 2	14°29	10°23	29 <b>N</b> 2	1°10	17°43	2 <b>M</b> 22	13°57	20°44	27°D15	29° 6	4°12	22°58	W 2
T 3	12 45 23	13°15'08	8 <b>₹</b> 52	15°29	11°36	28°57	1°24	17°50	2°20	13°58	20°45	27815	29° 3	4°18	23° 1	T 3
F 4	12 49 19	14°14'18	21°56	16°33	12°49	28°53	1°38	17°57	2°18	13°59	20°47	27°17	28°59	4°25	23° 5	F 4
S 5	12 53 16	15°13'26	5 <b>궁</b> 19	17°38	14° 2	28°49	1°52	18° 4	2°15	14° 0	20°48	27°18	28°56	4°32	23° 8	S 5
S 6	12 57 12	16°12'33	19° 0	18°46	15°15	28°46	2° 6	18°10	2°13	14° 2	20°50	27°R18	28°53	4°39	23°11	S 6
M 7	13 1 9	17°11'37	3≈ 2	19°57	16°28	28°44	2°20	18°17	2°10	14° 3	20°51	27°17	28°50	4°45	23°14	M 7
T 8	13 5 5	18°10'40	17°25	21°10	17°41	28°42	2°35	18°24	2° 8	14° 5	20°52	27°14	28°47	4°52	23°17	T 8
W 9	13 9 2	19° 9'41	2 <b>∺</b> 4	22°24	18°53	28°D42	2°49	18°32	2° 6	14° 6	20°54	27°10	28°43	4°59	23°20	W 9
T 10	13 12 58	20° 8'41	16°54	23°41	20° 6	28°42	3° 3	18°39	2° 3	14° 8	20°55	27° 5	28°40	5° 5	23°23	T 10
F 11	13 16 55	21° 7'38	1 <b>Y</b> 50	25° 0	21°19	28°43	3°17	18°46	2° 1	14° 9	20°57	26°59	28°37	5°12	23°26	F 11
S 12	13 20 51	22° 6'34	16°41	26°21	22°32	28°44	3°32	18°53	1°58	14°10	20°58	26°54	28°34	5°19	23°28	S 12
S 13	13 24 48	23° 5'27	1819	27°44	23°45	28°46	3°46	19° 0	1°56	14°12	20°59	26°51	28°31	5°26	23°31	S 13
M14	13 28 45	24° 4'19	15°38	29° 8	24°58	28°49	4° 0	19° 7	1°53	14°14	21° 1	26°49	28°28	5°32	23°34	M14
T 15	13 32 41	25° 3'08	29°34	0 <b>Υ</b> 34	26°11	28°53	4°14	19°15	1°50	14°15	21° 2	26°D48	28°24	5°39	23°37	T 15
W16	13 36 38	26° 1'56	13 <b>II</b> 4	2° 2	27°24	28°57	4°29	19°22	1°48	14°17	21° 3	26°49	28°21	5°46	23°39	W16
T 17	13 40 34	27° 0'41	26° 8	3°32	28°37	29° 2	4°43	19°29	1°45	14°18	21° 5	26°51	28°18	5°52	23°42	T 17
F 18	13 44 31	27°59'24	8 <b>9</b> 50	5° 4	29°50	29° 8	4°58	19°37	1°43	14°20	21° 6	26°52	28°15	5°59	23°44	F 18
S 19	13 48 27	28°58'05	21°13	6°37	1 <b>℃</b> 3	29°14	5°12	19°44	1°40	14°22	21° 7	26°53	28°12	6° 6	23°47	S 19
S 20	13 52 24	29°56'43	3 <b>Ω</b> 21	8°12	2°16	29°21	5°26	19°52	1°38	14°23	21° 9	26°R54	28° 9	6°13	23°49	S 20
M21	13 56 21	0855'20	15°19	9°48	3°29	29°29	5°41	19°59	1°35	14°25	21°10	26°53	28° 5	6°19	23°51	M21
T 22	14 0 17	1°53'54	27°13	11°27	4°42	29°37	5°55	20° 6	1°33	14°27	21°11	26°51	28° 2	6°26	23°54	T 22
W23	14 4 14	2°52'26	9 <b>m</b> 5	13° 7	5°55	29°46	6° 9	20°14	1°30	14°29	21°13	26°47	27°59	6°33	23°56	W23
T 24	14 8 10	3°50'55	21° 0	14°48	7° 8	29°56	6°24	20°22	1°27	14°30	21°14	26°44	27°56	6°40	23°58	T 24
F 25	14 12 7	4°49'23	3 <b>₾</b> 1	16°31	8°21	0 <b>m</b> 6	6°38	20°29	1°25	14°32	21°15	26°40	27°53	6°46	24° 0	F 25
S 26	14 16 3	5°47'49	15°10	18°16	9°34	0°16	6°53	20°37	1°22	14°34	21°16	26°37	27°49	6°53	24° 2	S 26
S 27	14 20 0	6°46'13	27°30	20° 3	10°47	0°27	7° 7	20°44	1°20	14°36	21°17	26°34	27°46	7° 0	24° 4	S 27
M28	14 23 56	7°44'34	10 <b>M</b> 1	21°51	12° 0	0°39	7°21	20°52	1°17	14°38	21°18	26°32	27°43	7° 6	24° 6	M28
T 29	14 27 53	8°42'55	22°45	23°42	13°13	0°51	7°36	20°59	1°15	14°40	21°20	26°D32	27°40	7°13	24° 8	T 29
W30	14 31 49	9 <b>8</b> 41'13	5 <b>₹</b> 42	25 <b>Y</b> 33	14 <b>Υ</b> 26	1 Mp 4	7 <b>8</b> 50	218 7	1 <b>M</b> L12	14∏42	21 <b>米</b> 21	26 <b>8</b> 32	27 <b>8</b> 37	7 <b>™</b> 20	24≈10	W30

Day	0	D	ğ	Q	♂	4	ħ	)∤(	¥	Р	น เ	ð Č	, k
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl d	ecl decl	decl lat
T 1	4n28	14s41 1n14	7 s50 1 s28	9s 7 1s 4	14n52 3n19	10n51 1s 0	15n 7 2s 2	11 s47 0n33	21n 1 1s27	16s59 14s31	19n33 19n	58 14n47	7s58 6n15
W 2	4 51	19 9 0 7	7 36 1 36	8 41 1 6	14 52 3 16	10 56 1 0	15 9 2 2	11 46 0 33	21 1 1 27	16 59 14 31	19 32 19	57 14 44	7 56 6 15
T 3	5 14	22 48 1s 2	2 7 19 1 44	8 15 1 8	14 52 3 14	11 1 1 0	15 12 2 2	11 46 0 33	21 2 1 27	16 58 14 31	19 32 19	56 14 42	7 55 6 16
F 4	5 37	25 21 2 10	7 1 1 51	7 49 1 10	14 51 3 11	11 6 1 0	15 14 2 2	11 45 0 33	21 2 1 27				7 54 6 16
S 5	6 0	26 31 3 11	6 42 1 58	7 23 1 12	14 50 3 9	11 11 1 0	15 16 2 1	11 44 0 33	21 2 1 27	16 57 14 31	19 33 19	55 14 37	7 52 6 16
S 6	6 22	26 6 4 4	6 21 2 4	6 57 1 14	14 48 3 6	11 16 1 0	15 18 2 1	11 43 0 33	21 2 1 27	16 57 14 32	19 33 19	54 14 34	7 51 6 16
M 7	6 45	24 4 4 43	5 58 2 10	6 30 1 16	14 47 3 3	11 21 1 0	15 20 2 1	11 42 0 33	21 2 1 27	16 56 14 32	19 33 19	54 14 31	7 50 6 17
T 8	7 8	20 27 5 6	5 34 2 15	6 3 1 17	14 45 3 1	11 26 1 0	-	11 41 0 33	21 3 1 27	16 56 14 32	19 32 19	53 14 29	7 49 6 17
W 9	7 30	15 32 5 9	5 9 2 19		-		-	11 41 0 33	21 3 1 27	16 56 14 32	19 31 19	52 14 26	7 47 6 17
T 10	7 52		1					11 40 0 33					7 46 6 18
F 11	8 14	3 10 4 15	4 14 2 27	4 42 1 22	14 38 2 53	11 41 0 59	15 28 2 1	11 39 0 33	21 3 1 27	16 55 14 32	19 29 19	51 14 21	7 45 6 18
S 12	8 36	3n27 3 21	3 45 2 30	4 15 1 24	14 35 2 51	11 46 0 59	15 30 2 0	11 38 0 33	21 4 1 27	16 54 14 33	19 28 19	50 14 19	7 44 6 18
S 13	8 58	9 50 2 14	3 14 2 32	3 47 1 25	14 32 2 48	11 50 0 59	15 32 2 0	11 37 0 33	21 4 1 27	16 54 14 33	19 27 19	49 14 16	7 43 6 18
M14	9 20	15 33 1 1	2 42 2 34	3 19 1 27	14 28 2 46	11 55 0 59	15 34 2 0	11 36 0 33	21 4 1 27	16 54 14 33	19 26 19	49 14 13	7 42 6 19
T 15	9 42	20 18 0n15	2 9 2 35	2 51 1 28	14 25 2 44	12 0 0 59	15 36 2 0	11 35 0 33	21 4 1 27	16 53 14 33	19 26 19	48 14 11	7 40 6 19
W16	10 3	23 49 1 28	3 1 35 2 36	2 24 1 29	14 21 2 41	12 5 0 59	15 38 2 0	11 35 0 33	21 4 1 27	16 53 14 33	19 26 19	47 14 8	7 39 6 19
T 17	10 24	25 56 2 34	0 59 2 37	1 56 1 30	14 17 2 39	12 10 0 59	15 41 2 0	11 34 0 33	21 5 1 27	16 53 14 34	19 27 19	47 14 6	7 38 6 20
F 18	10 45	26 38 3 30	0 23 2 36	1 28 1 31	14 13 2 36	12 15 0 59	15 43 2 0	11 33 0 33	21 5 1 27	16 52 14 34	19 27 19	46 14 3	7 37 6 20
S 19	11 6	25 57 4 15	0n15 2 36	0 59 1 32	14 8 2 34	12 20 0 59	15 45 2 0	11 32 0 33	21 5 1 26	16 52 14 34	19 27 19	45 14 0	7 36 6 20
S 20	11 27	24 4 4 48	0 53 2 34	0 31 1 33	14 4 2 32	12 25 0 59	15 47 1 59	11 31 0 33	21 5 1 26	16 52 14 34	19 27 19	44 13 58	7 35 6 21
M21	11 48	21 7 5 7	1 33 2 33	0 3 1 34		12 29 0 59	15 49 1 59	11 30 0 33	21 6 1 26	16 52 14 35	19 27 19	44 13 55	7 34 6 21
T 22	12 8	17 20 5 13	2 13 2 30	0n25 1 35		12 34 0 59	15 51 1 59	11 29 0 33	-	16 51 14 35	19 27 19	43 13 52	7 33 6 21
W23	12 28	12 53 5 6	5 2 55 2 27	0 54 1 35	13 48 2 25	12 39 0 59	15 53 1 59	11 28 0 33	21 6 1 26	16 51 14 35	19 26 19	42 13 50	7 32 6 22
T 24	12 48	7 57 4 46	3 37 2 24	1 22 1 36	13 43 2 22	12 44 0 58	15 55 1 59	11 27 0 33	21 6 1 26			-	7 31 6 22
F 25	13 8	2 40 4 13				12 48 0 58		11 27 0 33				-	7 30 6 22
S 26	13 27	2 s 4 6 3 2 8	5 4 2 16	2 19 1 37	13 31 2 18	12 53 0 58	15 59 1 59	11 26 0 33	21 7 1 26	16 50 14 36	19 24 19	40 13 42	7 29 6 23
S 27	13 46	8 12 2 33	5 49 2 11	2 47 1 37	13 25 2 16	12 58 0 58	16 1 1 59	11 25 0 33	21 7 1 26	16 50 14 36	19 23 19	39 13 39	7 28 6 23
M28	14 5	13 24 1 30	6 34 2 6	3 15 1 37	13 19 2 14	13 3 0 58	16 3 1 59	11 24 0 33	21 7 1 26	16 50 14 36	19 23 19	39 13 37	7 27 6 23
T 29	14 24	18 7 0 21	7 20 2 0	3 43 1 38	13 13 2 11	13 7 0 58	16 5 1 59	11 23 0 33	21 8 1 26	16 50 14 37	19 22 19	38 13 34	7 26 6 24
W30	14n43	22 s 5 0 s 50	8n 7 1s53	4n11 1s38	13n 6 2n 9	13n12 0s58	16n 8 1s59	11 s22 0n33	21n 8 1s26	16 s 49 14 s 37	19n22 19n	37 13n31	7 s25 6n24

Julian Day Number = 2473184.5, Delta T = 77.40 sec Ecliptic obliquity = 23°25'59, Nutation = -0°00'15, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 25°34'05, Lahiri = 24°41'05

MAY 2059 00:00 UT

Day	Sid.t	0	D	ğ	Q	ď	4	ħ	)វ(	¥	Р	ß	Ω	Ç	Ŷ,	Day
T 1	14 35 46	10839'30	18 <b>∡</b> 752	27 <b>Y</b> 27	15 <b>Y</b> 40	1 <b>m</b> ) 17	8 <b>8</b> 4	21815	1°R10	14∏43	21 <b>)</b> 22	26 <b>8</b> 33	27 <b>8</b> 34	7 <b>m</b> 27	24≈12	T 1
F 2	14 39 43	11°37'45	2 <b>ප</b> 15	29°22	16°53	1°31	8°19	21°22	1 <b>M</b> 7	14°45	21°23	26°34	27°30	7°33	24°14	F 2
S 3	14 43 39	12°35'59	15°52	1819	18° 6	1°46	8°33	21°30	1° 5	14°47	21°24	26°35	27°27	7°40	24°15	S 3
S 4	14 47 36	13°34'11	29°41	3°18	19°19	2° 0	8°47	21°38	1° 2	14°49	21°25	26°36	27°24	7°47	24°17	S 4
M 5	14 51 32	14°32'22	13≈43	5°18	20°32	2°16	9° 2	21°45	1° 0	14°51	21°26	26°R36	27°21	7°53	24°18	M 5
T 6	14 55 29	15°30'31	27°56	7°20	21°45	2°31	9°16	21°53	0°57	14°53	21°27	26°36	27°18	8° 0	24°20	T 6
W 7	14 59 25	16°28'39	12 <b>)</b> 17	9°24	22°58	2°47	9°31	22° 1	0°55	14°55	21°28	26°35	27°14	8° 7	24°21	W 7
T 8	15 3 22	17°26'45	26°44	11°29	24°11	3° 4	9°45	22° 9	0°52	14°57	21°29	26°34	27°11	8°14	24°23	T 8
F 9	15 7 18	18°24'50	11 <b>Y</b> 13	13°35	25°24	3°21	9°59	22°16	0°50	14°59	21°30	26°33	27° 8	8°20	24°24	F 9
S 10	15 11 15	19°22'54	25°37	15°43	26°38	3°39	10°13	22°24	0°47	15° 1	21°31	26°32	27° 5	8°27	24°25	S 10
S 11	15 15 12	20°20'56	9 <b>8</b> 51	17°51	27°51	3°57	10°28	22°32	0°45	15° 3	21°32	26°32	27° 2	8°34	24°26	S 11
M12	15 19 8	21°18'57	23°52	20° 1	29° 4	4°15	10°42	22°39	0°43	15° 6	21°33	26°D32	26°59	8°41	24°27	M12
T 13	15 23 5	22°16'56	7 <b>Ⅲ</b> 35	22°11	0 <b>8</b> 17	4°34	10°56	22°47	0°40	15° 8	21°34	26°32	26°55	8°47	24°29	T 13
W14	15 27 1	23°14'53	20°59	24°22	1°30	4°53	11°10	22°55	0°38	15°10	21°35	26°32	26°52	8°54	24°30	W14
T 15	15 30 58	24°12'49	499 1	26°33	2°43	5°13	11°25	23° 3	0°36	15°12	21°36	26°32	26°49	9° 1	24°30	T 15
F 16	15 34 54	25°10'43	16°44	28°44	3°56	5°32	11°39	23°10	0°34	15°14	21°37	26°32	26°46	9° 7	24°31	F 16
S 17	15 38 51	26° 8'36	29° 9	0 <b>Ⅱ</b> 54	5°10	5°53	11°53	23°18	0°31	15°16	21°37	26°R33	26°43	9°14	24°32	S 17
S 18	15 42 48	27° 6'27	11 <b>Ω</b> 19	3° 4	6°23	6°14	12° 7	23°26	0°29	15°18	21°38	26°33	26°40	9°21	24°33	S 18
M19	15 46 44	28° 4'15	23°20	5°14	7°36	6°35	12°21	23°34	0°27	15°20	21°39	26°D32	26°36	9°28	24°34	M19
T 20	15 50 41	29° 2'03	5 <b>m</b> 14	7°22	8°49	6°56	12°35	23°41	0°25	15°23	21°40	26°33	26°33	9°34	24°34	T 20
W21	15 54 37	29°59'48	17° 7	9°28	10° 2	7°18	12°49	23°49	0°23	15°25	21°40	26°33	26°30	9°41	24°35	W21
T 22	15 58 34	0 <b>Ⅲ</b> 57'32	29° 4	11°33	11°15	7°40	13° 3	23°57	0°21	15°27	21°41	26°33	26°27	9°48	24°35	T 22
F 23	16 2 30	1°55'15	11 <b>♀</b> 7	13°36	12°28	8° 2	13°17	24° 4	0°18	15°29	21°42	26°33	26°24	9°54	24°36	F 23
S 24	16 6 27	2°52'55	23°22	15°37	13°42	8°25	13°31	24°12	0°16	15°31	21°42	26°34	26°20	10° 1	24°36	S 24
S 25	16 10 23	3°50'35	5 <b>M</b> 51	17°36	14°55	8°48	13°45	24°20	0°14	15°34	21°43	26°35	26°17	10° 8	24°36	S 25
M26	16 14 20	4°48'13	18°36	19°32	16° 8	9°11	13°59	24°27	0°12	15°36	21°44	26°35	26°14	10°15	24°36	M26
T 27	16 18 16	5°45'50	1 <b>₹</b> 38	21°26	17°21	9°35	14°13	24°35	0°11	15°38	21°44	26°R35	26°11	10°21	24°37	T 27
W28	16 22 13	6°43'25	14°58	23°17	18°34	9°59	14°27	24°43	0° 9	15°40	21°45	26°35	26° 8	10°28	24°37	W28
T 29	16 26 10	7°41'00	28°33	25° 6	19°48	10°23	14°40	24°50	0° 7	15°42	21°46	26°34	26° 5	10°35	24°R37	T 29
F 30	16 30 6	8°38'33	12 <b>云</b> 22	26°51	21° 1	10°48	14°54	24°58	0° 5	15°45	21°46	26°32	26° 1	10°41	24°37	F 30
S 31	16 34 3	9 <b>Ⅲ</b> 36′05	26 <b>궁</b> 23	28 <b>Ⅲ</b> 34	22814	11 <b>m</b> 13	15 <b>8</b> 8	25 <b>8</b> 6	OM 3	15 <b>Ⅱ</b> 47	21 <b>) (</b> 47	26831	25 <b>8</b> 58	10 <b>M</b> )48	24≈37	S 31

Day	0	D	ğ	φ	ð	4	ħ	)Å(	并	Р	w u	Ç	ķ
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl de	el decl	decl lat
T 1 F 2 S 3		24 s 58 2 s 0 26 30 3 5 26 28 4 0	9 42 1	39 5 7 1 38			16 12 1 58	11 s21 0n33 11 21 0 33 11 20 0 33	21 8 1 26	16s49 14s37 16 49 14 37 16 49 14 38	19 23 19 3	6 13 26	7 s 2 4 6 n 2 5 7 2 3 6 2 5 7 2 2 6 2 5
S 4 M 5 T 6 W 7 T 8	15 54 16 12 16 29 16 46 17 2	24 48 4 42 21 37 5 8 17 8 5 16 11 38 5 4 5 29 4 34	2 11 18 1 3 12 7 1 5 12 55 1 4 13 44 0 4 14 32 0	23 6 3 1 38 15 6 31 1 37 6 6 58 1 37 56 7 26 1 37 47 7 53 1 36	12 38 2 1 12 31 1 59 12 23 1 57 12 16 1 55 12 8 1 53	13 31 0 58 13 35 0 58 13 40 0 58 13 44 0 58 13 49 0 58	16 16 1 58 16 18 1 58 16 20 1 58 16 22 1 58 16 24 1 58	11 19 0 33 11 18 0 33 11 17 0 33 11 16 0 33 11 15 0 33	21 9 1 26 21 9 1 26 21 9 1 26 21 10 1 26 21 10 1 26	16 49 14 38 16 48 14 38 16 48 14 39 16 48 14 39 16 48 14 39	19 23 19 3 19 23 19 3 19 23 19 3 19 23 19 3 19 23 19 3	14 13 20 14 13 18 13 13 15 12 13 12 12 13 10	7 21 6 26 7 20 6 26 7 20 6 26 7 19 6 27 7 18 6 27
F 9 S 10 S 11	17 18 17 34 17 50	7 22 2 43 13 19 1 31	3 16 7 0 1 16 53 0	26 8 47 1 35 16 9 14 1 35	11 52 1 49 11 43 1 47	13 58 0 58 14 2 0 58	16 28 1 58 16 30 1 58	11 14 0 33 11 13 0 33	21 11 1 26	16 48 14 40 16 48 14 40	19 23 19 3 19 22 19 3	0 13 4 9 13 2	
M12 T 13 W14 T 15 F 16	18 35 18 49	22 34 1n 1 25 19 2 11	19 6 0 19 48 0	n 5 10 7 1 33 15 10 33 1 32 26 10 59 1 31	11 26 1 43 11 18 1 42 11 9 1 40	14 7 0 58 14 11 0 58 14 16 0 58 14 20 0 58 14 24 0 58	16 34 1 58 16 36 1 58 16 38 1 58	11 11 0 33 11 11 0 33 11 10 0 33		16 48 14 41	19 22 19 2 19 22 19 2 19 23 19 2	28 12 56 27 12 53 26 12 51	7 15 6 29 7 14 6 29 7 14 6 29 7 13 6 30 7 12 6 30
S 17 S 18 M19 T 20 W21	19 30	18 43 5 16 14 26 5 13	5 21 41 0 5 22 14 1 8 22 45 1	56 12 15 1 28 6 12 40 1 27 15 13 5 1 26	10 41 1 34 10 32 1 33 10 22 1 31	14 33 0 58 14 37 0 58 14 42 0 58	16 42 1 58 16 44 1 58 16 46 1 57 16 48 1 57 16 50 1 57	11 8 0 33 11 7 0 33 11 6 0 33	21 12 1 26 21 13 1 26 21 13 1 26	16 47 14 42 16 47 14 43 16 47 14 43 16 47 14 43	19 23 19 2 19 23 19 2 19 23 19 2	24 12 43 23 12 40 23 12 37	7 12 6 31 7 11 6 31 7 10 6 31 7 10 6 32 7 9 6 32
T 22 F 23 S 24 S 25	20 21 20 32 20 44	4 28 4 27 0s56 3 46 6 23 2 54	7 23 40 1 5 24 3 1 4 24 24 1		10 3 1 27 9 53 1 26 9 43 1 24	14 50 0 58 14 54 0 58 14 59 0 58	16 50 1 57 16 51 1 57 16 53 1 57 16 55 1 57	11 5 0 33 11 4 0 33 11 3 0 33	21 13 1 25 21 14 1 25 21 14 1 25	16 47 14 44 16 48 14 44	19 23 19 2 19 23 19 2 19 23 19 2	11 12 32 11 12 29 10 12 26	7 9 6 32 7 9 6 33 7 8 6 33 7 8 6 33 7 7 6 34
M26 T 27 W28 T 29 F 30	21 5 21 16 21 26 21 35 21 44	16 39 0 44 20 56 0s28 24 14 1 40 26 13 2 48 26 37 3 47	4     24     57     1       3     25     10     2       0     25     20     2       3     25     28     2       7     25     33     2	56 15 25 1 18 0 15 47 1 16 4 16 9 1 14 7 16 31 1 13	9 22 1 21 9 12 1 19 9 1 1 18 8 51 1 16 8 40 1 15	15 7 0 58 15 11 0 58 15 15 0 58 15 19 0 58 15 23 0 58	16 59 1 57 17 1 1 57 17 3 1 57 17 4 1 57 17 6 1 57	11 2 0 33 11 1 0 33 11 1 0 33 11 0 0 33 10 59 0 33	21 14 1 25 21 14 1 25 21 15 1 25 21 15 1 25 21 15 1 25 21 15 1 25 21 16 1 s25	16 48 14 45 16 48 14 45 16 48 14 46 16 48 14 46 16 48 14 47	19 23 19 19 23 19 19 23 19 19 23 19 19 23 19	8 12 21 8 12 18 7 12 15 6 12 12 5 12 10	7 7 6 34 7 6 6 34 7 6 6 35 7 6 6 35

Julian Day Number = 2473214.5, Delta T = 77.43 sec Ecliptic obliquity = 23°25′59, Nutation = -0°00′16, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 25°34′09, Lahiri = 24°41′09

JUNE 2059 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂	4	ħ	)∤(	¥	Р	ß	Ω	Ç	ę,	Day
S 1	16 37 59	10 <b>川</b> 33'37	10≈31	09514	23827	11 <b>m</b> y38	15821	25813	0°R 1	15 <b>II</b> 49	21 <b>)</b> (47	26°R29	25 <b>8</b> 55	10 <b>m</b> )55	24°R37	S 1
M 2	16 41 56	11°31'08	24°44	1°51	24°40	12° 3	15°35	25°21	29 <b>£</b> 59	15°51	21°48	26828	25°52	11° 2	24≈36	M 2
T 3	16 45 52	12°28'38	8 <b>)</b> 58	3°26	25°54	12°29	15°49	25°28	29°58	15°54	21°48	26°D28	25°49	11°8	24°36	T 3
W 4	16 49 49	13°26'07	23°12	4°57	27° 7	12°55	16° 2	25°36	29°56	15°56	21°48	26°28	25°46	11°15	24°36	W 4
T 5	16 53 46	14°23'35	7 <b>Υ</b> 22	6°25	28°20	13°21	16°16	25°43	29°55	15°58	21°49	26°29	25°42	11°22	24°35	T 5
F 6	16 57 42	15°21'03	21°26	7°50	29°33	13°47	16°29	25°51	29°53	16° 0	21°49	26°30	25°39	11°29	24°35	F 6
S 7	17 1 39	16°18'30	5 <b>8</b> 23	9°12	0 <b>П</b> 47	14°14	16°42	25°58	29°52	16° 3	21°50	26°31	25°36	11°35	24°34	S 7
S 8	17 5 35	17°15'56	19°10	10°31	2° 0	14°41	16°56	26° 6	29°50	16° 5	21°50	26°32	25°33	11°42	24°34	S 8
M 9	17 9 32	18°13'22	2 <b>Ⅱ</b> 46	11°47	3°13	15° 8	17° 9	26°13	29°49	16° 7	21°50	26°R32	25°30	11°49	24°33	M 9
T 10	17 13 28	19°10'47	16° 8	13° 0	4°27	15°35	17°22	26°20	29°47	16° 9	21°50	26°31	25°26	11°55	24°32	T 10
W11	17 17 25	20° 8'11	29°16	14°10	5°40	16° 3	17°35	26°28	29°46	16°12	21°51	26°29	25°23	12° 2	24°32	W11
T 12	17 21 21	21° 5'35	1295 7	15°16	6°53	16°31	17°49	26°35	29°45	16°14	21°51	26°25	25°20	12° 9	24°31	T 12
F 13	17 25 18	22° 2'57	24°44	16°19	8° 7	16°59	18° 2	26°42	29°43	16°16	21°51	26°22	25°17	12°16	24°30	F 13
S 14	17 29 15	23° 0'19	7 <b>Ω</b> 6	17°18	9°20	17°27	18°15	26°49	29°42	16°18	21°51	26°17	25°14	12°22	24°29	S 14
S 15	17 33 11	23°57'39	19°15	18°14	10°33	17°55	18°28	26°57	29°41	16°20	21°52	26°13	25°11	12°29	24°28	S 15
M16	17 37 8	24°54'59	1 <b>m</b> 15	19° 6	11°47	18°24	18°40	27° 4	29°40	16°23	21°52	26°10	25° 7	12°36	24°27	M16
T 17	17 41 4	25°52'18	13° 9	19°55	13° 0	18°53	18°53	27°11	29°39	16°25	21°52	26° 8	25° 4	12°42	24°26	T 17
W18	17 45 1	26°49'36	25° 2	20°39	14°13	19°22	19° 6	27°18	29°38	16°27	21°52	26°D 7	25° 1	12°49	24°25	W18
T 19	17 48 57	27°46'53	6 <b>₽</b> 58	21°20	15°27	19°52	19°19	27°25	29°37	16°29	21°52	26° 8	24°58	12°56	24°23	T 19
F 20	17 52 54	28°44'09	19° 1	21°57	16°40	20°21	19°31	27°32	29°36	16°32	21°52	26° 9	24°55	13° 3	24°22	F 20
S 21	17 56 50	29°41'25	1 <b>M</b> .18	22°29	17°54	20°51	19°44	27°39	29°35	16°34	21°52	26°11	24°52	13° 9	24°21	S 21
S 22	18 0 47	0938'39	13°51	22°58	19° 7	21°21	19°56	27°46	29°34	16°36	21°R52	26°12	24°48	13°16	24°19	S 22
M23	18 4 44	1°35'54	26°44	23°22	20°20	21°51	20° 9	27°53	29°34	16°38	21°52	26°R13	24°45	13°23	24°18	M23
T 24	18 8 40	2°33'07	10 <b>才</b> 0	23°42	21°34	22°21	20°21	28° 0	29°33	16°40	21°52	26°12	24°42	13°29	24°16	T 24
W25	18 12 37	3°30'21	23°38	23°57	22°47	22°51	20°34	28° 7	29°32	16°42	21°52	26° 9	24°39	13°36	24°15	W25
T 26	18 16 33	4°27'33	7 <b>云</b> 38	24° 7	24° 1	23°22	20°46	28°13	29°32	16°45	21°52	26° 5	24°36	13°43	24°13	T 26
F 27	18 20 30	5°24'46	21°54	24°13	25°14	23°53	20°58	28°20	29°31	16°47	21°52	26° 0	24°32	13°50	24°11	F 27
S 28	18 24 26	6°21'58	6≈23	24°R15	26°28	24°24	21°10	28°27	29°30	16°49	21°52	25°54	24°29	13°56	24°10	S 28
S 29	18 28 23	7°19'11	20°56	24°12	27°41	24°55	21°22	28°34	29°30	16°51	21°52	25°48	24°26	14° 3	24° 8	S 29
M30	18 32 20	89516'23	5 <b>∺</b> 29	2495 4	28 <b>II</b> 55	25 Mp 26	21834	28840	29 <b>॒</b> 30	16 <b>Ⅱ</b> 53	21 <b>米</b> 51	25 <b>8</b> 43	24823	14 <b>M</b> 10	24≈ 6	M30

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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
S 1	22n 1	22 s28 5	s 3 2	25n37	2n11	17n33	1 s 7	8n18	1n11	15n31	0 s 5 8	17n10	1 s57	10 s58	0n33	21n16	1 s25	16 s48	14 s47	19n22	19n14	12n 4	7s 5	6n36
M 2	22 9	18 13 5	15 2	25 36	2 11	17 52	1 6	8 7	1 10	15 35	0 58	17 12	1 57	10 58	0 32	21 16	1 25	16 48	14 48	19 22	19 13	12 1	7 4	6 37
T 3	22 17	12 58 5	8 2	25 33	2 10	18 12	1 4	7 56	1 8	15 39	0 58	17 13	1 57	10 57	0 32	21 16	1 25	16 49	14 48	19 21	19 12	11 58	7 4	6 37
W 4	22 24	7 1 4	42 2	25 28	2 8	18 30	1 2	7 45	1 7	15 43	0 58	17 15	1 57	10 56	0 32	21 17	1 25	16 49	14 48	19 22	19 12	11 56	7 4	6 38
T 5	22 31	0 44 3	59 2	25 22	2 5	18 49	1 0	7 33	1 6	15 46	0 58	17 17	1 57	10 56	0 32	21 17	1 25	16 49	14 49	19 22	19 11	11 53	7 4	6 38
F 6	22 38	5n33 3	-1-				0 58	7 22				17 19	1 57	10 55		21 17	1 25			-		11 50	7 3	6 38
S 7	22 44	11 31 1	54 2	25 4	1 58	19 24	0 56	7 10	1 3	15 54	0 58	17 20	1 57	10 55	0 32	21 17	1 25	16 49	14 49	19 22	19 9	11 47	7 3	6 39
S 8	22 49	16 52 0	40 2	24 53	1 53	19 41	0 54	6 58	1 1	15 58	0 58	17 22	1 57	10 54	0 32	21 17	1 25	16 50	14 50	19 22	19 9	11 44	7 3	6 39
M 9	22 55	21 16 0	n34 2	24 41	1 47	19 57	0 52	6 47	1 0	16 2	0 58	17 24	1 57	10 54	0 32	21 18	1 25	16 50	14 50	19 22	19 8	11 42	7 3	6 39
T 10	23 0	24 28 1	46 2	24 28	1 40	20 13	0 49	6 35	0 58	16 5	0 58	17 25	1 57	10 54	0 32	21 18	1 25	16 50	14 51	19 22	19 7	11 39	7 3	6 40
W11	23 4	26 16 2	50 2	24 14	1 33	20 28	0 47	6 23	0 57	16 9	0 58	17 27	1 58	10 53	0 32	21 18	1 25	16 50	14 51	19 22	19 6	11 36	7 3	6 40
T 12	23 8	26 36 3	45 2	23 58	1 25	20 43	0 45	6 11	0 56	16 13	0 58	17 29	1 58	10 53	0 32	21 18	1 25	16 50	14 51	19 21	19 6	11 33	7 3	6 40
F 13	23 12	25 33 4	27 2	23 42	1 17	20 57	0 43	5 59	0 54	16 16	0 58	17 30	1 58	10 52	0 32	21 19	1 25	16 51	14 52	19 20	19 5	11 30	7 3	6 41
S 14	23 15	23 15 4	56 2	23 26	1 7	21 11	0 40	5 46	0 53	16 20	0 58	17 32	1 58	10 52	0 32	21 19	1 25	16 51	14 52	19 19	19 4	11 27	7 3	6 41
S 15	23 18	19 57 5	10 2	23 8	0 57	21 24	0 38	5 34	0 52	16 23	0 58	17 34	1 58	10 51	0 32	21 19	1 25	16 51	14 52	19 18	19 3	11 25	7 3	6 42
M16	23 20	15 52 5	12 2	22 50	0 46	21 36	0 36	5 22	0 50	16 27	0 58	17 35	1 58	10 51	0 32	21 19	1 25	16 52	14 53	19 17	19 2	11 22	7 3	6 42
T 17	23 22	11 13 4	59 2	22 32	0 35	21 48	0 34	5 9	0 49	16 30	0 58	17 37	1 58	10 51	0 32	21 20	1 25	16 52	14 53	19 17	19 2	11 19	7 3	6 42
W18	23 24	6 10 4	34 2	22 13	0 23	21 59	0 31	4 56	0 48	16 34	0 58	17 38	1 58	10 50	0 32	21 20	1 25	16 52	14 53	19 17	19 1	11 16	7 3	6 43
1	23 25	0 52 3		21 55		22 10	0 29	4 44	0 47	16 37		17 40	1 58	10 50	0 32	21 20				19 17		11 13	7 3	6 43
F 20	23 26	4 s 3 2 3	9 2	21 36	0s 3	22 20	0 27	4 31	0 45	16 40	0 58	17 41	1 58	10 50	0 32	21 20	1 25	16 53	14 54	19 17	18 59	11 10	7 3	6 43
S 21	23 26	9 52 2	12 2	21 17	0 17	22 29	0 24	4 18	0 44	16 44	0 58	17 43	1 58	10 50	0 32	21 20	1 25	16 53	14 55	19 17	18 59	11 8	7 3	6 44
S 22	23 26	14 56 1	7 2	20 58	0 31	22 38	0 22	4 5	0 43	16 47	0 58	17 44	1 58	10 49	0 32	21 21	1 25	16 53	14 55	19 18	18 58	11 5	7 3	6 44
M23	23 25	19 28 0	s 3 2	20 40	0 46	22 46	0 19	3 52	0 42	16 50	0 58	17 46	1 58	10 49	0 32	21 21	1 25	16 54	14 55	19 18	18 57	11 2	7 3	6 44
T 24	23 24	23 10 1	14 2	20 21	1 1	22 53	0 17	3 39	0 40	16 54	0 58	17 47	1 58	10 49	0 32	21 21	1 25	16 54	14 56	19 18	18 56	10 59	7 4	6 45
W25	23 23	25 40 2	24 2	20 4	1 16	23 0	0 15	3 26	0 39	16 57	0 58	17 49	1 58	10 49	0 32	21 21	1 25	16 54	14 56	19 17	18 56	10 56	7 4	6 45
T 26	23 21	26 38 3	26 1	19 46	1 32	23 6	0 12	3 13	0 38	17 0	0 58	17 50	1 58	10 48	0 32	21 21	1 25	16 55	14 56	19 16	18 55	10 53	7 4	6 45
F 27	23 19	25 52 4	16 1	19 29	1 48	23 11	0 10	2 59	0 37	17 3	0 59	17 52	1 58	10 48	0 32	21 22	1 25	16 55	14 57	19 15	18 54	10 50	7 4	6 45
S 28	23 17	23 22 4	51 1	19 13	2 4	23 16	0 7	2 46	0 36	17 6	0 59	17 53	1 58	10 48	0 32	21 22	1 25	16 56	14 57	19 14	18 53	10 48	7 5	6 46
S 29	23 14	19 22 5	8 1	18 58	2 20	23 20	0 5	2 33	0 34	17 9	0 59	17 54	1 59	10 48	0 32	21 22	1 25	16 56	14 58	19 12	18 52	10 45	7 5	6 46
M30	23n10	14s13 5	s 5 1	l 8n44	2 s 3 6	23n23	0s 2	2n19		17n12		17n56	1 s59	10 s48		21n22	1 s25	16 s 5 6	14 s 5 8	19n11	18n52	10n42	7s 5	6n46

Julian Day Number = 2473245.5, Delta T = 77.45 sec Ecliptic obliquity = 23°25'58, Nutation = -0°00'15, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 25°34'13, Lahiri = 24°41'14

JULY 2059 00:00 UT

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Day	Sid.t	0	D	ğ	Q.	ð	4	ħ	)∤(	并	В	n	v	Ç	ę,	Day
T 1	18 36 16	99513'35	19 <b>)</b> 56	23°R52	099 8	25 m/58	21846	28 <b>8</b> 47	29°R29	16 <b>II</b> 55	21°R51	25°R40	24820	14 <b>m</b> 16	24°R 4	T 1
W 2	18 40 13	10°10'47	4 <b>Υ</b> 12	23936	1°22	26°29	21°57	28°53	29 <u><b>2</b></u> 29	16°57	21 <b>米</b> 51	25°D38	24°17	14°23	24≈ 2	W 2
T 3	18 44 9	11° 7'59	18°16	23°15	2°35	27° 1	22° 9	29° 0	29°29	16°59	21°51	25 <b>8</b> 38	24°13	14°30	24° 0	T 3
F 4	18 48 6	12° 5'12	2 <b>8</b> 6	22°51	3°49	27°33	22°21	29° 6	29°28	17° 2	21°50	25°39	24°10	14°37	23°58	F 4
S 5	18 52 2	13° 2'25	15°43	22°24	5° 2	28° 5	22°32	29°12	29°28	17° 4	21°50	25°40	24° 7	14°43	23°56	S 5
S 6	18 55 59	13°59'38	29° 7	21°53	6°16	28°38	22°44	29°19	29°28	17° 6	21°50	25°R41	24° 4	14°50	23°54	S 6
M 7	18 59 55	14°56'51	12 <b>II</b> 19	21°20	7°30	29°10	22°55	29°25	29°28	17° 8	21°50	25°39	24° 1	14°57	23°52	M 7
T 8	19 3 52	15°54'05	25°18	20°44	8°43	29°43	23° 6	29°31	29°D28	17°10	21°49	25°36	23°58	15° 3	23°49	T 8
W 9	19 7 49	16°51'19	8 <b>ॐ</b> 6	20° 7	9°57	0 <b>ჲ</b> 15	23°17	29°37	29°28	17°12	21°49	25°30	23°54	15°10	23°47	W 9
T 10	19 11 45	17°48'33	20°43	19°30	11°10	0°48	23°28	29°43	29°28	17°14	21°48	25°22	23°51	15°17	23°45	T 10
F 11	19 15 42	18°45'47	3 <b>N</b> 8	18°52	12°24	1°21	23°39	29°49	29°28	17°16	21°48	25°13	23°48	15°24	23°42	F 11
S 12	19 19 38	19°43'01	15°22	18°14	13°38	1°54	23°50	29°55	29°28	17°18	21°48	25° 3	23°45	15°30	23°40	S 12
S 13	19 23 35	20°40'15	27°27	17°37	14°52	2°28	24° 1	0 <b>I</b> 1	29°29	17°20	21°47	24°53	23°42	15°37	23°38	S 13
M14	19 27 31	21°37'29	9 <b>₯</b> 24	17° 2	16° 5	3° 1	24°12	0° 7	29°29	17°22	21°47	24°45	23°38	15°44	23°35	M14
T 15	19 31 28	22°34'43	21°16	16°29	17°19	3°35	24°22	0°13	29°29	17°24	21°46	24°38	23°35	15°50	23°33	T 15
W16	19 35 24	23°31'57	3 <b>º</b> 6	16° 0	18°33	4° 9	24°33	0°18	29°30	17°25	21°46	24°34	23°32	15°57	23°30	W16
T 17	19 39 21	24°29'11	15° 0	15°33	19°46	4°43	24°43	0°24	29°30	17°27	21°45	24°32	23°29	16° 4	23°28	T 17
F 18	19 43 18	25°26'26	27° 2	15°11	21° 0	5°17	24°53	0°29	29°31	17°29	21°44	24°D31	23°26	16°11	23°25	F 18
S 19	19 47 14	26°23'40	9 <b>M</b> .16	14°53	22°14	5°51	25° 3	0°35	29°31	17°31	21°44	24°32	23°23	16°17	23°22	S 19
S 20	19 51 11	27°20'55	21°48	14°39	23°28	6°25	25°13	0°40	29°32	17°33	21°43	24°R32	23°19	16°24	23°20	S 20
M21	19 55 7	28°18'10	4 <b>₹</b> 43	14°31	24°42	6°59	25°23	0°46	29°33	17°35	21°43	24°32	23°16	16°31	23°17	M21
T 22	19 59 4	29°15'25	1 <u>8</u> ° 4	14°D28	25°55	7°34	25°33	0°51	29°33	17°36	21°42	24°30	23°13	16°37	23°14	T 22
W23	20 3 0	0 <b>Ω</b> 12'41	1 <b>궁</b> 53	14°31	27° 9	8° 9	25°43	0°56	29°34	17°38	21°41	24°25	23°10	16°44	23°11	W23
T 24	20 6 57	1° 9'57	16° 7	14°39	28°23	8°43	25°52	1° 1	29°35	17°40	21°41	24°18	23° 7	16°51	23° 8	T 24
F 25	20 10 53	2° 7'13	0≈44	14°53	29°37	9°18	26° 2	1° 6	29°36	17°42	21°40	24° 9	23° 4	16°58	23° 6	F 25
S 26	20 14 50	3° 4'30	15°37	15°13	0 <b>Ω</b> 51	9°53	26°11	1°11	29°37	17°43	21°39	23°59	23° 0	17° 4	23° 3	S 26
S 27	20 18 47	4° 1'48	0 <b>∺</b> 35	15°39	2° 5	10°29	26°20	1°16	29°38	17°45	21°38	23°50	22°57	17°11	23° 0	S 27
M28	20 22 43	4°59'06	15°31	16°11	3°19	11° 4	26°29	1°21	29°39	17°47	21°38	23°41	22°54	17°18	22°57	M28
T 29	20 26 40	5°56'25	0 <b>Υ</b> 17	16°49	4°32	11°39	26°38	1°26	29°40	17°48	21°37	23°35	22°51	17°24	22°54	T 29
W30	20 30 36	6°53'45	14°45	17°33	5°46	12°15	26°47	1°30	29°41	1 <u>7</u> °50	21°36	23°31	22°48	17°31	22°51	W30
T 31	20 34 33	7 <b>Ω</b> 51'07	28 <b>Y</b> 53	189522	$7\Omega$ 0	12 <b>≏</b> 50	26 <b>8</b> 56	1 <b>Ⅱ</b> 35	29 <b>≏</b> 42	17 <b>Ⅱ</b> 52	21 <b>米</b> 35	23 <b>8</b> 29	22 <b>8</b> 44	17 <b>m</b> 38	22≈48	T 31

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	decl	decl lat	decl	lat decl	lat decl	lat	decl	lat	decl	lat	decl	lat	decl lat	de	cl lat	decl	decl	decl	decl	lat
T 1 W 2	23n 7 23 3	8s18 4s42 2 2 4 2	18n30 18 18	2 s 5 2 2 3 n 2 6 3 7 2 3 2 8	0n 0 2n 6			0 s 5 9 0 5 9			10 s48 10 48		21n22 1 s2 21 23 1 2		57 14s58 57 14 59			10n39 10 36	7s 6 7 6	6n47 6 47
T 3 F 4	22 58 22 53		17 56	3 22 23 29 3 36 23 30	0 5 1 38 0 7 1 25	0 29	17 21 17 24	0 59 0 59	18 1	1 59		0 31	21 23 1 2 21 23 1 2	5 16 5	58 14 59 58 14 59	19 10	18 49	10 30	7 6 7 7	6 47 6 47
S 5 S 6 M 7	22 48 22 42 22 36	20 15 0n19	17 48 17 40 17 34	3 50 23 30 4 2 23 29 4 14 23 28	0 10 1 11 0 12 0 57 0 14 0 43	0 26	17 27 17 30 17 33	0 59 0 59 0 59	18 4	1 59	10 48 10 48 10 48	0 31	21 23 1 2 21 23 1 2 21 24 1 2	5 16 5	59 15 0	19 10	18 48 18 47 18 46	10 24	7 7 7 8 7 8	6 48 6 48 6 48
T 8 W 9	22 29 22 22	25 53 2 32 26 38 3 28	17 29 17 25	4 24 23 26 4 33 23 23	0 17 0 29 0 19 0 15	0 24 0 23	17 35 17 38	0 59 0 59	18 6 18 7	1 59 1 59	10 48 10 48	0 31 0 31	21 24 1 2 21 24 1 2	5 17 5 17	0 15 1 0 15 1	19 9 19 8	18 45 18 45	10 19 10 16	7 9 7 9	6 48 6 49
T 10 F 11 S 12	22 15 22 7 21 59	24 2 4 43	17 23 17 23 17 23	4 41 23 19 4 47 23 15 4 51 23 10	0 21 0 1 0 24 0s13 0 26 0 27	0 21	17 41 17 43 17 46	0 59 0 59 1 0	18 10	2 0	10 48 10 48 10 48	0 31	21 24 1 2 21 24 1 2 21 24 1 2	6 17	1 15 2	19 6 19 4 19 1		10 10	7 10 7 10 7 11	6 49 6 49 6 49
S 13 M14 T 15	21 42 21 33	12 36 4 55 7 38 4 33		4 54 23 4 4 55 22 58 4 54 22 51	0 28 0 41 0 31 0 56 0 33 1 10	0 18 0 17	-, -,	1 0 1 0 1 0	18 13 18 14			0 31 0 31	21 25 1 2 21 25 1 2 21 25 1 2	6 17 6 17	3 15 3 3 15 3	18 57 18 55	18 42 18 41 18 40	10 1 9 58	7 11 7 12 7 12	6 50 6 50 6 50
W16 T 17 F 18 S 19	21 23 21 13 21 3 20 52	2 25 3 59 2 8 55 3 15 8 13 2 21 13 18 1 21	17 45 17 53	4 52 22 44 4 48 22 35 4 43 22 26 4 36 22 17	0 35 1 24 0 37 1 39 0 39 1 53 0 41 2 7	0 15 0 14		1 0 1 0 1 0 1 0	18 16 18 17		10 49	0 31 0 31	21 25 1 2 21 25 1 2 21 25 1 2 21 26 1 2	6 17 6 17	4 15 4 5 15 4	18 54 18 54 18 54 18 54	18 38 18 38	9 55 9 52 9 49 9 47	7 13 7 14 7 14 7 15	6 50 6 50 6 51 6 51
S 20 M21	20 41 20 30	17 59 0 15 21 58 0s54	18 11 18 21	4 28 22 6 4 19 21 55	0 43 2 22 0 45 2 36	0 12 0 11	18 5 18 8	1 0 1 0	18 19 18 20	2 1 2 1	10 49 10 50	0 31 0 31	21 26 1 2 21 26 1 2	6 17 6 17	6 15 5 6 15 5	18 54 18 54	18 36 18 35	9 44 9 41	7 16 7 17	6 51 6 51
T 22 W23 T 24	19 54	26 30 3 5 26 24 3 58	18 42 18 54	4 9 21 44 3 58 21 32 3 45 21 19	0 47 2 51 0 49 3 5 0 51 3 20	0 9 0 8	18 14	1 0 1 0 1 1	18 22 18 23		10 50 10 50 10 51	0 31 0 31	21 26 1 2 21 26 1 2 21 26 1 2	6 17 6 17	7 15 6 8 15 6	18 53 18 52 18 51	18 34 18 33	9 38 9 35 9 32	7 17 7 18 7 19	6 51 6 51 6 51
F 25 S 26	19 28		19 16	3 32 21 5 3 19 20 51	0 53 3 35 0 55 3 49	0 6	18 19	1 1 1	18 25	2 1	10 51 10 51	0 31	21 26 1 2 21 26 1 2	6 17	9 15 7	18 48 18 46	18 31	9 29 9 26	7 20 7 20	6 52 6 52
S 27 M28 T 29		10 1 4 41	19 28 19 38 19 49	3 5 20 37 2 50 20 21 2 35 20 6	0 57 4 4 0 58 4 19 1 0 4 33	0 4	18 21 18 23 18 25	1 1 1 1 1 1		2 2	10 52 10 52 10 52	0 31	21 27 1 2 21 27 1 2 21 27 1 2	6 17 1	10 15 7	-	18 30 18 30 18 29	9 23 9 20 9 17	7 21 7 22 7 23	6 52 6 52 6 52
W30 T 31	18 33 18n18		19 58 20n 7	2 20 19 49 2s 4 19n32	1 2 4 48 1n 3 5s 3		18 27 18n28	1 1 1s 1			10 53 10 s53		21 27 1 2 21n27 1 s2		11 15 8 12 15s 8	18 39 18n38		9 14 9n11	7 24 7 s25	6 52 6n52

Julian Day Number = 2473275.5, Delta T = 77.48 sec Ecliptic obliquity = 23°25′59, Nutation = -0°00′13, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 25°34′17, Lahiri = 24°41′18

AUGUST 2059 00:00 UT

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Day	Sid.t	0	)	ğ	Q.	ð	4	ħ	)ţ(	并	В	S.	Ω	Ç	ę,	Day
F 1	20 38 29	8 <b>Ω</b> 48'29	12840	199518	8 <b>Ω</b> 14	13 <b>≏</b> 26	27 <b>8</b> 5	1 <b>Ц</b> 39	29 <b>≙</b> 44	17 <b>II</b> 53	21°R34	23°D29	22841	17 <b>m</b> )45	22°R45	F 1
S 2	20 42 26	9°45'53	26° 7	20°19	9°28	14° 2	27°13	1°44	29°45	17°55	21 <b>)</b> 34	23°R29	22°38	17°51	22≈42	S 2
S 3	20 46 22	10°43'17	9 <b>П</b> 17	21°25	10°42	14°38	27°21	1°48	29°46	17°56	21°33	23829	22°35	17°58	22°39	S 3
M 4	20 50 19	11°40'43	22°11	22°37	11°56	15°14	27°30	1°52	29°48	17°58	21°32	23°26	22°32	18° 5	22°36	M 4
T 5	20 54 16	12°38'10	4953	23°54	13°10	15°50	27°38	1°57	29°49	17°59	21°31	23°20	22°29	18°11	22°33	T 5
W 6	20 58 12	13°35'38	17°24	25°17	14°24	16°27	27°46	2° 1	29°50	18° 1	21°30	23°12	22°25	18°18	22°30	W 6
T 7	21 2 9	14°33'08	29°45	26°44	15°39	17° 3	27°53	2° 5	29°52	18° 2	21°29	23° 1	22°22	18°25	22°27	T 7
F 8	21 6 5	15°30'38	11 <b>0</b> 58	28°16	16°53	17°40	28° 1	2° 9	29°54	18° 3	21°28	22°48	22°19	18°32	22°24	F 8
S 9	21 10 2	16°28'09	24° 2	29°52	18° 7	18°17	28° 8	2°12	29°55	18° 5	21°27	22°34	22°16	18°38	22°21	S 9
S 10	21 13 58	17°25'41	6Mp 1	1 <b>Ω</b> 32	19°21	18°53	28°16	2°16	29°57	18° 6	21°26	22°21	22°13	18°45	22°18	S 10
M11	21 17 55	18°23'14	17°54	3°16	20°35	19°30	28°23	2°20	29°59	18° 7	21°25	22° 9	22°10	18°52	22°14	M11
T 12	21 21 51	19°20'48	29°44	5° 4	21°49	20° 7	28°30	2°23	0 <b>M</b> 0	18° 9	21°24	21°59	22° 6	18°58	22°11	T 12
W13	21 25 48	20°18'23	11 <b>≏</b> 33	6°54	23° 3	20°44	28°37	2°27	0° 2	18°10	21°23	21°52	22° 3	19° 5	22° 8	W13
T 14	21 29 45	21°15'59	23°26	8°47	24°17	21°22	28°44	2°30	0° 4	18°11	21°22	21°47	22° 0	19°12	22° 5	T 14
F 15	21 33 41	22°13'36	5 <b>M</b> 25	10°43	25°32	21°59	28°50	2°34	0° 6	18°12	21°21	21°45	21°57	19°18	22° 2	F 15
S 16	21 37 38	23°11'14	17°37	12°40	26°46	22°36	28°57	2°37	0° 8	18°14	21°20	21°45	21°54	19°25	21°59	S 16
S 17	21 41 34	24° 8'53	0 <b>∡</b> 0 6	14°39	28° 0	23°14	29° 3	2°40	0°10	18°15	21°19	21°45	21°50	19°32	21°56	S 17
M18	21 45 31	25° 6'33	12°58	16°39	29°14	23°52	29° 9	2°43	0°12	18°16	21°18	21°44	21°47	19°39	21°53	M18
T 19	21 49 27	26° 4'14	26°16	18°40	0 <b>m</b> 28	24°29	29°15	2°46	0°14	18°17	21°17	21°42	21°44	19°45	21°50	T 19
W20	21 53 24	27° 1'57	10중 3	20°41	1°43	25° 7	29°21	2°48	0°16	18°18	21°16	21°37	21°41	19°52	21°46	W20
T 21	21 57 20	27°59'40	24°21	22°42	2°57	25°45	29°26	2°51	0°18	18°19	21°15	21°29	21°38	19°59	21°43	T 21
F 22	22 1 17	28°57'24	9≈ 5	24°43	4°11	26°23	29°32	2°54	0°21	18°20	21°14	21°20	21°35	20° 5	21°40	F 22
S 23	22 5 14	29°55'10	24° 9	26°44	5°25	27° 1	29°37	2°56	0°23	18°21	21°13	21° 9	21°31	20°12	21°37	S 23
S 24	22 9 10	0 <b>m</b> 52'57	9 <b>)</b> 24	28°45	6°39	27°40	29°42	2°59	0°25	18°22	21°11	20°59	21°28	20°19	21°34	S 24
M25	22 13 7	1°50'45	24°38	0 <b>m</b> 44	7°54	28°18	29°47	3° 1	0°28	18°23	21°10	20°49	21°25	20°26	21°31	M25
T 26	22 17 3	2°48'35	9 <b>Υ</b> 41	2°43	9° 8	28°56	29°52	3° 3	0°30	18°24	21° 9	20°42	21°22	20°32	21°28	T 26
W27	22 21 0	3°46'27	24°25	4°41	10°22	29°35	29°56	3° 5	0°32	18°25	21° 8	20°38	21°19	20°39	21°25	W27
T 28	22 24 56	4°44'20	8 <b>8</b> 45	6°38	11°37	0 <b>M</b> _13	0 <b>Ⅱ</b> 1	3° 7	0°35	18°26	21° 7	20°36	21°16	20°46	21°22	T 28
F 29	22 28 53	5°42'16	22°38	8°34	12°51	0°52	0° 5	3° 9	0°37	18°26	21° 6	20°D35	21°12	20°52	21°19	F 29
S 30	22 32 49	6°40'13	6 <b>I</b> I 6	10°29	14° 5	1°31	0° 9	3°11	0°40	18°27	21° 4	20°R35	21° 9	20°59	21°16	S 30
S 31	22 36 46	7 <b>m</b> 38'12	19 <b>Ⅱ</b> 12	12 <b>m</b> 22	15 <b>m</b> 19	2 <b>M</b> 10	0 <b>П</b> 13	3耳13	0 <b>M</b> .43	18∏28	21 <b>米</b> 3	20835	218 6	21 Mp 6	21≈13	S 31

Day	0	D	ζ	5	φ	♂		2	ŀ	ħ	l.	)į	ł(	卉		Р	ß	Ω	Ç	ķ	
	decl	decl lat	decl	lat de	l lat	decl la	at	decl	lat	decl	lat	decl	lat	decl lat	de	ecl lat	decl	decl	decl	decl lat	
F 1 S 2	18n 3 17 48		57 20n15 14 20 21	1 s49 19n 1 34 18 3	-		0n 1 0s 0	18n30 18 32	1 s 1 1 1	18n29 18 30		10 s54 10 54			26 17 s 26 17 1	12 15s 8 13 15 8	18n38 18 38		9n 8 9 5		n52 52
S 3 M 4 T 5 W 6	17 17 17 1	25 37 2 2 26 40 3 2		1 18 18 3 1 3 18 3 0 49 17 3 0 34 17 3	9 1 9 9 1 11	6 2 6 17	0 1 0 2 0 3 0 4	18 34 18 36 18 37 18 39	1 2 1 2 1 2 1 2	18 31 18 32 18 32 18 33	2 3 2 3 2 3 2 3	10 56	0 30 0 30	21 27 1 21 28 1 21 28 1 21 28 1	26 17	14 15 9	18 38 18 38 18 36 18 34	18 24 18 23	9 2 8 59 8 56 8 53	7 28 6 7 29 6	52 52 52 52
T 7 F 8 S 9	16 28 16 11 15 54	24 41 4 3 21 54 4 5 18 12 4 5	36 20 29 54 20 24 59 20 17	0 20 17 1 0 7 16 5 0n 6 16 3	8 1 13 7 1 14 6 1 15	6 46 7 1 7 16	0 5 0 5 0 6	18 41 18 42 18 44	1 2 1 2 1 2	18 34 18 34 18 35	2 3 2 3 2 3	10 57 10 58 10 58	0 30 0 30 0 30	21 28 1 21 28 1 21 28 1	26 17 1 26 17 1 26 17 1	16 15 10 17 15 10 17 15 10	18 31 18 28 18 25	18 21 18 21 18 20	8 50 8 47 8 44	7 31 6 7 32 6 7 33 6	53 53 53
S 10 M11 T 12 W13 T 14	15 36 15 19 15 1 14 43 14 24	8 56 4 3 3 45 3 5 1 s 3 4 3 1	30 19 55 58 19 40 15 19 22	0 19 16 1 0 30 15 3 0 41 15 2 0 51 15 1 1 14 4	1 1 18 8 1 19 5 1 19	7 45 8 0 8 15		18 45 18 47 18 48 18 50 18 51	1 2 1 2 1 3 1 3	18 36 18 36 18 37	2 4 2 4 2 4	10 59 10 59 11 0 11 1 11 1	0 30 0 30 0 30	21 28 1 21 28 1 21 28 1 21 28 1 21 28 1	26 17 1 26 17 1 26 17 2	18 15 10 18 15 11 19 15 11 20 15 11 20 15 11	18 18 18 15 18 14	18 18 18 17 18 17	8 41 8 38 8 35 8 32 8 29	7 35 6 7 36 6 7 37 6	53 53 53 52 52
F 15 S 16	14 6 13 47	11 59 1 2 16 44 0 2	25 18 39 22 18 14	1 9 14 1 1 17 13 5	7 1 21 2 1 22	8 44 8 59	0 11 0 12	18 52 18 54	1 3 1 3	18 38 18 38	2 4 2 5	11 2 11 3	0 30 0 30	21 28 1 21 29 1	27 17 2 27 17 2	21 15 12 21 15 12	18 12 18 12	18 15 18 14	8 26 8 23	7 39 6 7 40 6	52 52
S 17 M18 T 19 W20 T 21	13 9 12 49 12 30 12 10	24 10 1 5 26 14 2 5 26 48 3 4 25 38 4 2	52 16 43 46 16 8 28 15 32	1 23 13 2 1 29 13 1 34 12 3 1 38 12 1 1 41 11 4	2 1 23 6 1 24 0 1 24 4 1 24 1	9 28 9 43 9 57 0 12	0 14 0 14 0 15 0 16	18 58 18 59	1 3 1 3 1 3 1 4 1 4	18 39 18 40 18 40 18 40	2 5 2 5 2 5 2 5	11 4 11 4 11 5 11 6 11 7	0 30 0 30 0 30 0 30	21 29 1 21 29 1 21 29 1 21 29 1	27 17 2 27 17 2 27 17 2 27 17 2	22 15 12 23 15 12 23 15 12 24 15 12 24 15 13	18 12 18 11 18 10 18 8	18 12 18 12 18 11 18 10	8 20 8 17 8 14 8 11 8 8	7 42 6 7 43 6 7 44 6 7 45 6	52 52 52 52 52
F 22 S 23 S 24		18 11 5	54 14 54 0 14 14 45 13 34	1 43 11 1 1 45 10 5 1 46 10 2	0 1 25 1	0 41	0 17 0 18 0 18	19 1	1 4 1 4 1 4	18 41	2 6	11 8 11 8 11 9	0 30		27 17 2	25 15 13 26 15 13 26 15 13	18 3	18 9 18 8 18 8	8 5 8 2 7 59	7 47 6	52 52 52
M25 T 26 W27	10 49 10 28 10 7	0n48 3 1 7 23 2 1	18 12 8 14 11 24	-	8 1 25 1 0 1 25 1	1 24	0 19 0 20 0 21	19 4 19 5	1 4 1 4 1 4	18 42 18 42	2 6 2 7	11 10 11 11 11 12	0 30 0 30	21 29 1 21 29 1 21 29 1	27 17 2 27 17 2	27 15 13 27 15 13 28 15 14	17 55 17 54	18 6 18 5	7 56 7 53 7 50	7 50 6 7 52 6	51 51 51
T 28 F 29 S 30	9 4	18 36 On 1 22 39 1 2	21 9 8	1 37 7 3	3 1 25 1 4 1 25 1	2 7 2 21	0 21 0 22 0 23			18 42 18 43	2 7 2 7	11 13 11 14 11 14	0 30 0 30	21 29 1 21 29 1 21 29 1	27 17 2 27 17 3	28 15 14 29 15 14 30 15 14	17 54 17 54	18 3 18 3	7 47 7 44 7 41	7 54 6 7 55 6	51 51 51
S 31	8n42	25n25 2n2	26 8n22	1n34 7n	5 1n25 1	Z \$33	US23	19n 8	18 5	18n43	2 S 7	11 s15	0n30	21n29 1s	2 / 1 / S	30 15s14	1/n54	18n 2	7n38	7 s 56 6n	n51

Julian Day Number = 2473306.5, Delta T = 77.51 sec Ecliptic obliquity =  $23^{\circ}25'59$ , Nutation = -  $0^{\circ}00'12$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $25^{\circ}34'22$ , Lahiri =  $24^{\circ}41'22$ 

SEPTEMBER 2059 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ	)វ(	¥	Р	ß	Ω	Ç	ę,	Day
M 1	22 40 43	8 Mg 36'13	1959	14 <b>m</b> ) 14	16 <b>m</b> 34	2 <b>M</b> .49	0 <b>П</b> 17	3 <b>Ⅱ</b> 14	0 <b>M</b> .45	18 <b>Ⅱ</b> 28	21°R 2	20°R33	218 3	21 Mp 12	21°R10	M 1
T 2	22 44 39	9°34'16	14°30	16° 6	17°48	3°28	0°20	3°16	0°48	18°29	21 <b>米</b> 1	20828	21° 0	21°19	21≈ 7	T 2
W 3	22 48 36	10°32'21	26°49	17°55	19° 3	4° 7	0°24	3°17	0°51	18°30	21° 0	20°21	20°56	21°26	21° 4	W 3
T 4	22 52 32	11°30'27	$8\Omega$ 59	19°44	20°17	4°47	0°27	3°18	0°53	18°30	20°58	20°11	20°53	21°33	21° 2	T 4
F 5	22 56 29	12°28'35	21° 1	21°31	21°31	5°26	0°30	3°20	0°56	18°31	20°57	19°59	20°50	21°39	20°59	F 5
S 6	23 0 25	13°26'45	2 <b>m</b> 59	23°17	22°46	6° 5	0°33	3°21	0°59	18°31	20°56	19°47	20°47	21°46	20°56	S 6
S 7	23 4 22	14°24'57	14°52	25° 2	24° 0	6°45	0°35	3°22	1° 2	18°32	20°55	19°34	20°44	21°53	20°53	S 7
M 8	23 8 18	15°23'11	26°42	26°46	25°14	7°25	0°37	3°22	1° 5	18°32	20°54	19°23	20°41	21°59	20°50	M 8
T 9	23 12 15	16°21'26	8 <b>₾</b> 32	28°29	26°29	8° 4	0°40	3°23	1° 7	18°33	20°52	19°14	20°37	22° 6	20°48	T 9
W10	23 16 12	17°19'43	20°23	0 <b>ჲ</b> 10	27°43	8°44	0°42	3°24	1°10	18°33	20°51	19° 8	20°34	22°13	20°45	W10
T 11	23 20 8	18°18'01	2 <b>M</b> 18	1°50	28°58	9°24	0°43	3°24	1°13	18°34	20°50	19° 4	20°31	22°19	20°42	T 11
F 12	23 24 5	19°16'21	14°20	3°29	0 <b>ჲ</b> 12	10° 4	0°45	3°25	1°16	18°34	20°49	19°D 2	20°28	22°26	20°40	F 12
S 13	23 28 1	20°14'43	26°33	5° 7	1°26	10°44	0°46	3°25	1°19	18°34	20°47	19° 3	20°25	22°33	20°37	S 13
S 14	23 31 58	21°13'06	9 <b>×</b> 7 1	6°44	2°41	11°25	0°48	3°25	1°23	18°35	20°46	19° 3	20°21	22°40	20°35	S 14
M15	23 35 54	22°11'31	21°49	8°20	3°55	12° 5	0°49	3°R25	1°26	18°35	20°45	19°R 4	20°18	22°46	20°32	M15
T 16	23 39 51	23° 9'58	5 <b>る</b> 2	9°55	5°10	12°45	0°50	3°25	1°29	18°35	20°44	19° 3	20°15	22°53	20°30	T 16
W17	23 43 47	24° 8'26	18°42	11°28	6°24	13°26	0°50	3°25	1°32	18°35	20°43	19° 1	20°12	23° 0	20°27	W17
T 18	23 47 44	25° 6'56	2≈51	13° 1	7°38	14° 6	0°51	3°25	1°35	18°35	20°41	18°56	20° 9	23° 6	20°25	T 18
F 19	23 51 41	26° 5'28	17°28	14°32	8°53	14°47	0°51	3°25	1°38	18°35	20°40	18°49	20° 6	23°13	20°23	F 19
S 20	23 55 37	27° 4'01	2 <b>∺</b> 28	16° 3	10° 7	15°28	0°R51	3°24	1°42	18°35	20°39	18°42	20° 2	23°20	20°20	S 20
S 21	23 59 34	28° 2'35	17°42	17°32	11°22	16° 9	0°51	3°24	1°45	18°R35	20°38	18°34	19°59	23°27	20°18	S 21
M22	0 3 30	29° 1'12	3 <b>℃</b> 0	19° 0	12°36	16°50	0°50	3°23	1°48	18°35	20°36	18°27	19°56	23°33	20°16	M22
T 23	0 7 27	29°59'51	18°12	20°27	13°50	17°31	0°50	3°22	1°51	18°35	20°35	18°22	19°53	23°40	20°14	T 23
W24	0 11 23	0 <b>≏</b> 58'31	3 <b>8</b> 7	21°54	15° 5	18°12	0°49	3°21	1°55	18°35	20°34	18°19	19°50	23°47	20°12	W24
T 25	0 15 20	1°57'14	17°39	23°19	16°19	18°53	0°48	3°20	1°58	18°35	20°33	18°D18	19°47	23°53	20°10	T 25
F 26	0 19 16	2°55'59	1 <b>Ⅱ</b> 43	24°43	17°34	19°34	0°47	3°19	2° 2	18°35	20°32	18°19	19°43	24° 0	20° 8	F 26
S 27	0 23 13	3°54'47	15°19	26° 5	18°48	20°15	0°45	3°18	2° 5	18°35	20°30	18°20	19°40	24° 7	20° 6	S 27
S 28	0 27 9	4°53'36	28°30	27°27	20° 3	20°57	0°44	3°17	2° 8	18°35	20°29	18°21	19°37	24°13	20° 4	S 28
M29	0 31 6	5°52'28	119917	28°47	21°17	21°38	0°42	3°15	2°12	18°35	20°28	18°R21	19°34	24°20	20° 2	M29
T 30	0 35 3	6 <b>₽</b> 51'23	239546	0 <b>™</b> 7	22 <b>₽</b> 31	22 <b>M</b> 20	0∏40	3 <b>Ⅱ</b> 14	2 <b>M</b> 15	18 <b>耳</b> 34	20 <b>米</b> 27	18820	19 <b>8</b> 31	24 Mp 27	20≈ 0	T 30

Day	0	D	ğ	ρ	♂	4	ħ	)Å(	并	Р	n	Ω	Ç	ķ
	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	8n21	26n46 3n2	7n35 1n3	0 6n36 1n25	12 s49 0 s24	19n 9 1s 5	18n43 2s 7	11 s16 0n29	21n29 1s27	17s31 15s14	17n53 1	8n 1	7n34	7s57 6n50
T 2	7 59	26 42 4	6 48 1 2	6 6 7 1 24	13 3 0 25	19 9 1 5	18 43 2 8	11 17 0 29	21 29 1 27	17 31 15 14	17 52 1	8 0	7 31	7 58 6 50
W 3	7 37	25 19 4 3	6 1 1 2	1 5 37 1 24	13 17 0 26	19 10 1 5	18 43 2 8	11 18 0 29	21 29 1 27	17 32 15 14	17 50 1	7 59	7 28	7 59 6 50
T 4	7 15	22 46 4 50	5 14 1 1	6 5 7 1 23	13 31 0 26	19 10 1 5	18 43 2 8	11 19 0 29	21 29 1 27	17 32 15 14	17 47 1	7 58	7 25	8 0 6 50
F 5	6 53	19 15 5 2	2 4 27 1 1	1 4 38 1 23	13 45 0 27	19 11 1 6	18 43 2 8	11 20 0 29	21 29 1 27	17 33 15 14	17 44 1	7 58	7 22	8 1 6 50
S 6	6 30	14 59 4 54	3 40 1	5 4 8 1 22	13 59 0 28	19 11 1 6	18 43 2 8	11 21 0 29	21 29 1 27	17 34 15 15	17 41 1	7 57	7 19	8 2 6 49
S 7	6 8	10 10 4 33	2 53 1	0 3 38 1 21	14 13 0 28	19 12 1 6	18 43 2 8	11 22 0 29	21 29 1 27	17 34 15 15	17 37 1	7 56	7 16	8 3 6 49
M 8	5 46	5 0 4	2 6 0 5	4 3 7 1 20	14 26 0 29	19 12 1 6	18 43 2 9	11 23 0 29	21 29 1 27	17 35 15 15	17 34 1	7 55	7 13	8 5 6 49
T 9	5 23	0s21 3 18	3 1 20 0 4	7 2 37 1 20	14 40 0 30	19 12 1 6	18 43 2 9	11 24 0 29	21 29 1 28	17 35 15 15	17 32 1	7 54	7 10	8 6 6 49
W10	5 0	5 42 2 2	0 33 0 4	1 2 7 1 19	14 53 0 30	19 13 1 6	18 43 2 9	11 25 0 29	21 29 1 28	17 36 15 15	17 30 1	7 53	7 7	8 7 6 48
T 11	4 38	10 53 1 28	0 s13 0 3	4 1 36 1 18	15 7 0 31	19 13 1 6	18 43 2 9	11 26 0 29	21 29 1 28	17 36 15 15	17 29 1	7 52	7 4	8 8 6 48
F 12	4 15	15 44 0 2	0 58 0 2	7 1 6 1 17	15 20 0 32	19 13 1 6	18 43 2 9	11 27 0 29	21 29 1 28	17 37 15 15	17 29 1	7 52	7 1	8 9 6 48
S 13	3 52	20 2 0s40	1 44 0 2	0 0 35 1 16	15 33 0 32	19 13 1 7	18 43 2 10	11 29 0 29	21 29 1 28	17 37 15 15	17 29 1	7 51	6 58	8 10 6 48
S 14	3 29	23 31 1 43	2 29 0 1	3 0 5 1 15	15 46 0 33	19 13 1 7	18 43 2 10	11 30 0 29	21 29 1 28	17 38 15 15	17 29 1	7 50	6 55	8 11 6 47
M15	3 6	25 57 2 40	3 13 0	6 0s26 1 13	15 59 0 34	19 13 1 7	18 42 2 10	11 31 0 29	21 29 1 28	17 38 15 15	17 29 1	7 49	6 51	8 12 6 47
T 16	2 43	27 1 3 4	3 57 0s	2 0 57 1 12	16 12 0 34	19 14 1 7	18 42 2 10	11 32 0 29	21 29 1 28	17 39 15 15	17 29 1	7 48	6 48	8 13 6 47
W17	2 20	26 30 4 25	5 4 41 0	9 1 27 1 11	16 25 0 35	19 14 1 7	18 42 2 10	11 33 0 29	21 29 1 28	17 39 15 15	17 28 1	7 47	6 45	8 14 6 46
T 18	1 56	24 17 4 55	5 24 0 1	7 1 58 1 9	16 38 0 36	19 13 1 7	18 42 2 10	11 34 0 29	21 29 1 28	17 40 15 15	17 27 1	7 47	6 42	8 15 6 46
F 19	1 33	20 27 5	6 6 0 2	4 2 29 1 8	16 51 0 36	19 13 1 7	18 42 2 11	11 35 0 29	21 29 1 28	17 40 15 15	17 25 1	7 46	6 39	8 16 6 46
S 20	1 10	15 13 4 58	6 48 0 3	2 2 59 1 6	17 3 0 37	19 13 1 8	18 41 2 11	11 36 0 29	21 29 1 28	17 41 15 15	17 23 1	7 45	6 36	8 17 6 46
S 21	0 47	8 58 4 28	7 30 0 4	0 3 30 1 5	17 16 0 37	19 13 1 8	18 41 2 11	11 38 0 29	21 29 1 28	17 41 15 15	17 21 1	7 44	6 33	8 18 6 45
M22	0 23	2 9 3 39	8 10 0 4	7 4 0 1 3	17 28 0 38	19 13 1 8	18 41 2 11	11 39 0 29	21 29 1 28	17 42 15 15	17 19 1	7 43	6 30	8 19 6 45
T 23	0 0	4n45 2 3	8 50 0 5	5 4 31 1 2	17 40 0 39	19 13 1 8	18 41 2 11	11 40 0 29	21 29 1 28	17 42 15 15	17 18 1	7 42	6 27	8 20 6 45
W24	0 s23	11 17 1 2	9 30 1	3 5 1 1 0	17 52 0 39	19 12 1 8	18 40 2 11	11 41 0 29	21 29 1 28	17 43 15 15	17 17 1	7 41	6 24	8 21 6 44
T 25	0 47	17 2 0	1 10 9 1 1	0 5 31 0 58	18 4 0 40	19 12 1 8	18 40 2 12	11 42 0 29	21 29 1 28	17 43 15 15	17 16 1	7 41	6 20	8 22 6 44
F 26	1 10	21 40 1n12	2 10 47 1 1	8 6 1 0 56	18 16 0 40	19 12 1 8	18 39 2 12	11 43 0 29	21 29 1 28	17 43 15 15	17 17 1	7 40	6 17	8 23 6 43
S 27	1 33	24 58 2 2	11 24 1 2	5 6 31 0 55	18 28 0 41	19 11 1 8	18 39 2 12	11 45 0 29	21 29 1 28	17 44 15 15	17 17 1	7 39	6 14	8 24 6 43
S 28	1 57	26 46 3 20	12 0 1 3	3 7 1 0 53	18 39 0 41	19 11 1 8	18 39 2 12	11 46 0 29	21 29 1 28	17 44 15 15	17 17 1	7 38	6 11	8 25 6 43
M29	2 20	27 4 4 8	3 12 36 1 4	0 7 31 0 51	18 51 0 42	19 10 1 9	18 38 2 12	11 47 0 29	21 28 1 28	17 45 15 15	17 17 1	7 37	6 8	8 26 6 42
T 30	2 s43	25n58 4n42	2 13 s11 1 s4	8 8s 0 0n49	19s 2 0s43	19n10 1s 9	18n38 2s12	11 s48 0n29	21n28 1 s28	17s45 15s14	17n17 1	7n36	6n 5	8 s 27 6 n 4 2

Julian Day Number = 2473337.5, Delta T = 77.53 sec Ecliptic obliquity =  $23^{\circ}26'00$ , Nutation = - $0^{\circ}00'12$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $25^{\circ}34'26$ , Lahiri =  $24^{\circ}41'26$ 

OCTOBER 2059 00:00 UT

Day	Sid.t	0	D	×	0	71	31	ŧ.	₩	),(	D	0	ດ	•	K	Day
			)	ğ	φ	ð	4	ħ	) <b>/</b> (	并	В	S.		Ç	Š	,
W 1	0 38 59	7 <b>≙</b> 50'19	6 <b>Ω</b> 1	1 <b>m</b> 24	23 <b>≏</b> 46	23 <b>m</b> 1	0°R38	3°R12	2 <b>M</b> .19	18°R34	20°R26	18°R16	19827	24 Mp 33	19°R58	W 1
T 2	0 42 56	8°49'18	18° 4	2°41	25° 0	23°43	0Д35	3 <b>Ⅱ</b> 10	2°22	18∏34	20 <b>∺</b> 25	18811	19°24	24°40	19≈57	T 2
F 3	0 46 52	9°48'19	0 Mp 1	3°56	26°15	24°25	0°33	3° 8	2°26	18°33	20°23	18° 5	19°21	24°47	19°55	F 3
S 4	0 50 49	10°47'22	11°53	5° 9	27°29	25° 7	0°30	3° 6	2°30	18°33	20°22	17°58	19°18	24°54	19°53	S 4
S 5	0 54 45	11°46'27	23°44	6°21	28°44	25°49	0°27	3° 4	2°33	18°32	20°21	17°51	19°15	25° 0	19°52	S 5
M 6	0 58 42	12°45'35	5 <b>≏</b> 34	7°31	29°58	26°31	0°24	3° 2	2°37	18°32	20°20	17°44	19°12	25° 7	19°50	M 6
T 7	1 2 38	13°44'44	17°27	8°40	1 <b>M</b> .12	27°13	0°20	3° 0	2°40	18°32	20°19	17°39	19°8	25°14	19°49	T 7
W 8	1 6 3 5	14°43'55	29°24	9°46	2°27	27°55	0°17	2°58	2°44	18°31	20°18	17°36	19° 5	25°20	19°48	W 8
T 9	1 10 32	15°43'09	11 <b>M</b> 27	10°50	3°41	28°38	0°13	2°55	2°48	18°30	20°17	17°35	19° 2	25°27	19°46	T 9
F 10	1 14 28	16°42'24	23°38	11°52	4°56	29°20	0° 9	2°53	2°51	18°30	20°16	17°D35	18°59	25°34	19°45	F 10
S 11	1 18 25	17°41'42	5 <b>₹</b> 59	12°51	6°10	0 <b>≯</b> 3	0° 5	2°50	2°55	18°29	20°15	17°36	18°56	25°40	19°44	S 11
S 12	1 22 21	18°41'01	18°34	13°47	7°25	0°45	0° 1	2°47	2°59	18°29	20°14	17°37	18°53	25°47	19°43	S 12
M13	1 26 18	19°40'22	1 <b>る</b> 25	14°41	8°39	1°28	29 <b>8</b> 56	2°45	3° 2	18°28	20°12	17°39	18°49	25°54	19°42	M13
T 14	1 30 14	20°39'45	14°37	15°31	9°53	2°11	29°52	2°42	3° 6	18°27	20°11	17°R40	18°46	26° 1	19°41	T 14
W15	1 34 11	21°39'10	28°10	16°17	11°8	2°53	29°47	2°39	3°10	18°26	20°10	17°40	18°43	26° 7	19°40	W15
T 16	1 38 7	22°38'36	12 <b>≈</b> 8	17° 0	12°22	3°36	29°42	2°36	3°13	18°26	20° 9	17°39	18°40	26°14	19°39	T 16
F 17	1 42 4	23°38'04	26°29	17°37	13°37	4°19	29°36	2°32	3°17	18°25	20° 8	17°36	18°37	26°21	19°38	F 17
S 18	1 46 1	24°37'34	11 <b>) (</b> 11	18°11	14°51	5° 2	29°31	2°29	3°21	18°24	20° 7	17°34	18°33	26°27	19°37	S 18
S 19	1 49 57	25°37'05	26° 8	18°38	16° 5	5°45	29°26	2°26	3°25	18°23	20° 6	17°31	18°30	26°34	19°36	S 19
M20	1 53 54	26°36'38	11 <b>Y</b> 14	19° 0	17°20	6°28	29°20	2°22	3°28	18°22	20° 6	17°28	18°27	26°41	19°36	M20
T 21	1 57 50	27°36'13	26°17	19°16	18°34	7°11	29°14	2°19	3°32	18°21	20° 5	17°26	18°24	26°47	19°35	T 21
W22	2 1 47	28°35'51	11 <b>8</b> 10	19°25	19°49	7°55	29° 8	2°15	3°36	18°20	20° 4	17°D25	18°21	26°54	19°35	W22
T 23	2 5 43	29°35'30	25°45	19°R26	21° 3	8°38	29° 2	2°12	3°40	18°19	20° 3	17°25	18°18	27° 1	19°34	T 23
F 24	2 9 40	0 <b>M</b> .35'12	9∏56	19°19	22°17	9°22	28°56	2° 8	3°43	18°18	20° 2	17°26	18°14	27° 7	19°34	F 24
S 25	2 13 36	1°34'55	23°41	19° 4	23°32	10° 5	28°49	2° 4	3°47	18°17	20° 1	17°27	18°11	27°14	19°34	S 25
S 26	2 17 33	2°34'42	6959	18°39	24°46	10°49	28°43	2° 0	3°51	18°16	20° 0	17°28	18° 8	27°21	19°33	S 26
M27	2 21 30	3°34'30	19°53	18° 6	26° 0	11°32	28°36	1°56	3°55	18°15	19°59	17°29	18° 5	27°28	19°33	M27
T 28	2 25 26	4°34'20	$2\Omega$ 26	17°24	27°15	12°16	28°29	1°52	3°58	18°14	19°58	17°R30	18° 2	27°34	19°33	T 28
W29	2 29 23	5°34'13	14°41	16°33	28°29	13° 0	28°23	1°48	4° 2	18°13	19°58	17°30	17°59	27°41	19°D33	W29
T 30	2 33 19	6°34'08	26°44	15°34	29°43	13°44	28°16	1°44	4° 6	18°12	19°57	17°29	17°55	27°48	19°33	T 30
F 31	2 37 16	7 <b>M</b> .34'05	8 <b>m</b> /38	14 <b>M</b> 27	0 <b>∡</b> 758	14 <b>₹</b> 28	28 <b>8</b> 8	1 <b>Ⅱ</b> 40	4 <b>M</b> ₊10	18 <b>I</b> I1	19 <b>米</b> 56	17828	17 <b>8</b> 52	27 <b>m</b> 54	19≈33	F 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 dec	decl	decl lat
W 1	3 s 7				19s13 0s43				21n28 1 s28				8 s 27 6 n 4 2
T 2 F 3	3 30 3 53		14 18 2 14 50 2		19 24 0 44 19 35 0 44				21 28 1 29 21 28 1 29				8 28 6 41 8 29 6 41
S 4	4 16				19 46 0 45				21 28 1 29				8 30 6 40
S 5	4 39	6 20 4 12	15 52 2	22 10 26 0 38	19 56 0 45	19 7 1 9	18 35 2 13	11 54 0 29	21 28 1 29	17 47 15 14	17 9 17 3	5 49	8 31 6 40
M 6	5 2	0 59 3 29	-		20 7 0 46	19 6 1 9			21 28 1 29		17 7 17 3	5 46	8 32 6 40
T 7	5 25				20 17 0 46				21 28 1 29				8 33 6 39
W 8	5 48				20 27 0 47				21 28 1 29				
T 9 F 10	-	14 44 0 33 19 13 0s33			20 37 0 47 20 47 0 48		18 33 2 14 18 32 2 14		21 28 1 29 21 28 1 29				8 34 6 38 8 35 6 38
S 11		22 56 1 39			20 47 0 48				21 28 1 29				
S 12	7 19	25 38 2 42	18 50 3	0 13 38 0 22	21 6 0 49	19 1 1 10	18 31 2 14	12 3 0 29	21 27 1 29	17 49 15 13	17 5 17 2	5 27	8 36 6 37
M13	7 42	_,	19 9 3		21 15 0 49				21 27 1 29				8 37 6 37
T 14	8 4	27 0 4 24	19 28 3			18 59 1 10			21 27 1 29			-	8 38 6 36
W15	8 26				21 33 0 50				21 27 1 29				8 39 6 36
T 16 F 17	8 48				21 42 0 51 21 51 0 51	18 56 1 10			21 27 1 29 21 27 1 29			-	8 39 6 36 8 40 6 35
S 18	9 10 9 32									17 50 15 12			8 40 6 35 8 41 6 35
S 19	9 54	5 18 4 6	20 28 3	14 16 35 0 4	22 7 0 52	18 53 1 10	18 26 2 15	12 12 0 29	21 27 1 29	17 51 15 12	17 3 17 2	5 5	8 41 6 34
M20	10 16	1n35 3 6	20 34 3	13 16 59 0 1	22 15 0 53	18 52 1 10	18 25 2 15	12 13 0 29	21 27 1 29	17 51 15 12	17 2 17 1	5 2	8 42 6 34
T 21	10 37	8 22 1 54							21 26 1 29				
W22	10 58		20 35 3						21 26 1 29				
T 23 F 24	11 20	19 56 0n46 23 56 2 1	20 31 3 20 23 2		22 38 0 54 22 45 0 54				21 26 1 29 21 26 1 29				8 44 6 32 8 44 6 32
S 25	-	26 24 3 7							21 26 1 29				
S 26													
M27	12 22 12 42			40 19 11 0 14 30 19 32 0 17			-		21 26 1 29 21 26 1 29				
T 28				17 19 52 0 20					21 26 1 29				8 46 6 30
W29	-	-	18 44 2						21 26 1 29				8 47 6 30
T 30	13 42	17 29 5 12	18 12 1	47 20 30 0 25	23 23 0 57	18 37 1 10	18 17 2 16	12 26 0 28	21 25 1 30	17 53 15 10	17 3 17 1	4 30	8 47 6 29
F 31	14 s 2	12n53 4n55	17 s 36 1 s	s29 20 s48 0 s28	23 s29 0 s57	18n36 1s10	18n16 2s16	12 s27 0n28	21n25 1s30	17s53 15s 9	17n 2 17n	9 4n27	8 s47 6n29

Julian Day Number = 2473367.5, Delta T = 77.56 sec Ecliptic obliquity =  $23^{\circ}26'00$ , Nutation = -  $0^{\circ}00'13$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $25^{\circ}34'30$ , Lahiri =  $24^{\circ}41'30$ 

NOVEMBER 2059 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂	4	ħ	)ұ(	卉	Р	R	Ω	Ç	ę,	Day
S 1	2 41 12	8M34'04	20 <b>m</b> 29	13°R15	2 <b>×</b> 12	15 <b>×</b> 12	28°R 1	1°R36	4 <b>M</b> .14	18°R 9	19°R55	17°R26	17 <b>8</b> 49	28 Mp 1	19 <b>≈</b> 33	S 1
S 2	2 45 9	9°34'05	2 <b>ჲ</b> 19	11 <b>M</b> 59	3°26	15°56	27 <b>8</b> 54	1 <b>Ⅲ</b> 31	4°17	18 <b>II</b> 8	19 <b>米</b> 55	17825	17°46	28° 8	19°33	S 2
M 3	2 49 5	10°34'08	14°12	10°41	4°41	16°40	27°46	1°27	4°21	18° 7	19°54	17°24	17°43	28°14	19°34	M 3
T 4	2 53 2	11°34'13	26°10	9°24	5°55	17°24	27°39	1°23	4°25	18° 6	19°53	17°23	17°39	28°21	19°34	T 4
W 5	2 56 59	12°34'20	8 <b>M</b> .17	8°10	7° 9	18° 8	27°31	1°18	4°29	18° 4	19°53	17°23	17°36	28°28	19°34	W 5
T 6	3 0 55	13°34'29	20°32	7° 1	8°24	18°53	27°23	1°14	4°32	18° 3	19°52	17°D23	17°33	28°34	19°35	T 6
F 7	3 4 52	14°34'40	2 <b>√</b> 59	6° 0	9°38	19°37	27°16	1° 9	4°36	18° 2	19°51	17°23	17°30	28°41	19°35	F 7
S 8	3 8 48	15°34'53	15°37	5° 8	10°52	20°22	27° 8	1° 4	4°40	18° 0	19°51	17°23	17°27	28°48	19°36	S 8
S 9	3 12 45	16°35'07	28°28	4°27	12° 6	21° 6	27° 0	1° 0	4°43	17°59	19°50	17°23	17°24	28°55	19°36	S 9
M10	3 16 41	17°35'23	11 <b>る</b> 34	3°57	13°21	21°51	26°52	0°55	4°47	17°58	19°50	17°R23	17°20	29° 1	19°37	M10
T 11	3 20 38	18°35'40	24°54	3°38	14°35	22°35	26°44	0°50	4°51	17°56	19°49	17°23	17°17	29° 8	19°38	T 11
W12	3 24 34	19°35'59	8≈30	3°D32	15°49	23°20	26°36	0°46	4°55	17°55	19°49	17°23	17°14	29°15	19°39	W12
T 13	3 28 31	20°36'19	22°21	3°36	17° 4	24° 5	26°28	0°41	4°58	17°53	19°48	17°D23	17°11	29°21	19°40	T 13
F 14	3 32 28	21°36'41	6 <b>∺</b> 29	3°51	18°18	24°50	26°20	0°36	5° 2	17°52	19°48	17°23	17° 8	29°28	19°41	F 14
S 15	3 36 24	22°37'03	20°50	4°16	19°32	25°35	26°11	0°31	5° 6	17°50	19°47	17°24	17° 4	29°35	19°42	S 15
S 16	3 40 21	23°37'27	5 <b>Υ</b> 23	4°50	20°46	26°20	26° 3	0°26	5° 9	17°49	19°47	17°24	17° 1	29°41	19°43	S 16
M17	3 44 17	24°37'53	20° 2	5°33	22° 0	27° 5	25°55	0°22	5°13	17°47	19°46	17°25	16°58	29°48	19°44	M17
T 18	3 48 14	25°38'20	4842	6°22	23°15	27°50	25°47	0°17	5°16	17°46	19°46	17°25	16°55	29°55	19°45	T 18
W19	3 52 10	26°38'48	19°17	7°18	24°29	28°35	25°39	0°12	5°20	17°44	19°45	17°R26	16°52	0요 1	19°47	W19
T 20	3 56 7	27°39'18	3 <b>∏</b> 40	8°19	25°43	29°20	25°31	0° 7	5°24	17°43	19°45	17°25	16°49	0° 8	19°48	T 20
F 21	4 0 3	28°39'50	17°46	9°25	26°57	0중 5	25°22	0° 2	5°27	17°41	19°45	17°24	16°45	0°15	19°49	F 21
S 22	4 4 0	29°40'23	19931	10°35	28°11	0°51	25°14	29 <b>8</b> 57	5°31	17°40	19°45	17°23	16°42	0°21	19°51	S 22
S 23	4 7 57	0 <b>₮</b> 40'58	14°52	11°49	29°25	1°36	25° 6	29°52	5°34	17°38	19°44	17°21	16°39	0°28	19°52	S 23
M24	4 11 53	1°41'35	27°51	13° 6	0 <b>궁</b> 39	2°21	24°58	29°47	5°38	17°36	19°44	17°19	16°36	0°35	19°54	M24
T 25	4 15 50	2°42'13	10 <b>Ω</b> 28	14°25	1°54	3° 7	24°50	29°43	5°41	17°35	19°44	17°17	16°33	0°42	19°56	T 25
W26	4 19 46	3°42'53	22°47	15°47	3° 8	3°52	24°42	29°38	5°45	17°33	19°44	17°16	16°30	0°48	19°57	W26
T 27	4 23 43	4°43'34	4 m 52	17°11	4°22	4°38	24°34	29°33	5°48	17°31	19°43	17°D16	16°26	0°55	19°59	T 27
F 28	4 27 39	5°44'17	16°47	18°36	5°36	5°24	24°26	29°28	5°51	17°30	19°43	17°16	16°23	1° 2	20° 1	F 28
S 29	4 31 36	6°45'01	28°37	20° 3	6°50	6° 9	24°18	29°23	5°55	17°28	19°43	17°17	16°20	1° 8	20° 3	S 29
S 30	4 35 32	7 <b>.7</b> 45'47	10 <b>≏</b> 27	21 <b>M</b> 30	8 පි 4	6 <b>ප</b> 55	24811	29818	5 <b>M</b> .58	17Ⅲ26	19 <b>) (</b> 43	17 <b>8</b> 19	16817	1 <b>≏</b> 15	20≈ 5	S 30

Day	0	J	)	ζ	5	ç	)	С	7	2	+	Ť		)	ţ(	<del>,</del>	(	Е	2	'n	Ω	Ç	ď	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14 s21	7n50	4n26	16 s 5 6	1 s 1 1	21s 6	0s30	23 s34	0 s 5 8	18n34	1 s10	18n15	2s16	12 s29	0n28	21n25	1 s30	17 s53	15s 9	17n 2	17n 8	4n24	8 s48	6n28
S 2	14 40	2 31	3 45	16 14	0 51	21 23	0 33	23 39	0 58	18 33	1 10	18 15	2 16	12 30	0 28	21 25	1 30	17 53	15 9	17 2	17 7	4 21	8 48	6 28
M 3	14 59	2 s 5 6	-	15 30		21 39		23 44		18 31		18 14		12 31		21 25					17 7	4 18	8 49	6 27
T 4	15 18	8 19		-		21 55		23 49		18 29	-	18 13		12 33		21 25	1 30				17 6	4 14	8 49	6 27
W 5		13 28	0 50			22 10		23 53		18 28	-	18 12		12 34		21 25	1 30			-, -	17 5	4 11	8 49	6 27
T 6 F 7	15 55 16 12			13 22 12 44		22 25 22 39		23 57		18 26 18 24		18 11 18 10		12 35 12 36		21 24 21 24	1 30 1 30				17 4 17 3	4 8	8 49 8 50	6 26 6 26
S 8	16 30	/	-	12 44		22 52	0 46 0 49			18 24	1 10			12 38		21 24		17 53			17 3 17 2	4 5 4 2	8 50	6 25
																					-			
S 9 M10		26 54 27 12		11 42 11 19		23 5 23 17	0 51	24 8	1 0	18 21 18 19	1 10 1 10			12 39 12 40		21 24 21 24	1 30	17 53 17 53		-	17 1 17 0	3 58 3 55	8 50 8 50	6 25 6 24
T 11	17 21		4 53	11 19	1 48			24 12	1 1	18 17	1 10			12 40		21 24	1 30				16 59	3 52	8 51	6 24
W12		23 10		10 50		23 39		24 17	1 1	18 15	1 10			12 43		21 24	1 30				16 58	3 49	8 51	6 23
T 13	17 54	-	-					- 1		18 14	1 10			12 44		21 23	1 30				16 58	3 46	8 51	6 23
F 14	18 10	13 46	5 0	10 43	2 12	23 58	1 4	24 22	1 2	18 12	1 10	18 3	2 16	12 45	0 28	21 23	1 30	17 53	15 6	17 1	16 57	3 42	8 51	6 22
S 15	18 25	7 41	4 25	10 47	2 17	24 7	1 6	24 24	1 2	18 10	1 10	18 2	2 16	12 46	0 28	21 23	1 30	17 53	15 5	17 1	16 56	3 39	8 51	6 22
S 16	18 40	1 7	3 33	10 56	2 20	24 15	1 8	24 25	1 3	18 8	1 9	18 1	2 16	12 47	0 28	21 23	1 30	17 52	15 5	17 1	16 55	3 36	8 51	6 22
M17	18 55	5n34	2 26	11 8		24 22		24 27	1 3		1 9	18 0	2 16	12 49	0 28	21 23	1 30			-	16 54	3 33	8 51	6 21
T 18		11 59	-	11 24				24 28	1 3		1 9			12 50		21 23	1 30		-	-	16 53	3 30	8 51	6 21
W19	19 24			11 42				24 29	1 3		1 9			12 51		21 23	1 30			17 2		3 26	8 51	6 20
T 20 F 21		22 20			2 20	24 39 24 43		24 29 24 30	1 4	18 1 17 59	1 9	17 57 17 57		12 52 12 53		21 22	1 30 1 30			17 2 17 1		3 23 3 20	8 51	6 20 6 19
S 22	19 51 20 5	<ul><li>25 32</li><li>27 6</li></ul>	-	12 27 12 52		24 43	-	24 30		17 59	1 9 1 9			12 55		21 22 21 22		17 52	-		16 50 16 49	3 17	8 51 8 51	6 19
S 23	20 17		-			24 49		24 30						12 56		21 22		17 51			16 49	3 13	8 51	
M24	20 17			13 46		24 49		24 29		17 54	1 9			12 50		21 22	1 30				16 49	3 10	8 51	6 18 6 18
T 25	20 30			14 14		24 53		24 29		17 52	-	17 53		12 58		21 22		17 51			16 47	3 7	8 51	6 18
	20 53			14 43		24 53		24 28		17 50		17 52		12 59		21 21	1 30				16 46	3 4	8 51	6 17
T 27		14 24		15 12		24 53		24 26		17 48		17 51	2 15			21 21	1 30		-		16 45	3 1	8 51	6 17
F 28	21 15	9 27	4 35	15 42	1 44	24 52	1 33	24 25	1 5	17 47	1 8	17 50	2 15	13 1	0 28	21 21	1 30	17 50	15 1	16 59	16 44	2 57	8 51	6 16
S 29	21 26	4 11	3 58	16 11	1 37	24 50	1 35	24 23	1 6	17 45	1 8	17 49	2 15	13 3	0 28	21 21	1 30	17 50	15 1	16 59	16 43	2 54	8 51	6 16
S 30	21 s36	1 s14	3n10	16 s41	1n31	24 s48	1 s36	24 s21	1s 6	17n43	1 s 8	17n48	2s15	13 s 4	0n28	21n21	1 s30	17s50	15 s 1	17n 0	16n42	2n51	8 s 5 0	6n15

Julian Day Number = 2473398.5, Delta T = 77.59 sec Ecliptic obliquity =  $23^{\circ}26'00$ , Nutation = -  $0^{\circ}00'14$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $25^{\circ}34'34$ , Lahiri =  $24^{\circ}41'35$ 

DECEMBER 2059 00:00 UT

Day	Sid.t	0	D	ğ	·	♂	4	ħ	)∤(	¥	В	n	Ω	Ç	ķ	Day
M 1	4 39 29	8 <b>∡</b> 146'35	22 <b>Ω</b> 22	22 <b>M</b> 59	9 <b>ට</b> 18	7 <b>ප</b> 41	24°R 3	29°R13	6M 2	17°R25	19°R43	17821	16814	1 <b>₽</b> 22	20≈ 7	M 1
T 2	4 43 26	9°47'24	4ML26	24°28	10°32	8°27	23 <b>8</b> 55	29 <b>8</b> 9	6° 5	17Ⅲ23	19 <b>) (</b> 43	17°22	16°10	1°28	20° 9	T 2
W 3	4 47 22	10°48'14	16°41	25°58	11°46	9°13	23°48	29° 4	6° 8	17°21	19°43	17°R23	16° 7	1°35	20°11	W 3
T 4	4 51 19	11°49'06	29°11	27°29	13° 0	9°59	23°40	28°59	6°11	17°20	19°D43	17°22	16° 4	1°42	20°13	T 4
F 5	4 55 15	12°49'59	11 <b>×</b> 756	29° 0	14°14	10°45	23°33	28°54	6°15	17°18	19°43	17°20	16° 1	1°48	20°15	F 5
S 6	4 59 12	13°50'53	24°56	0 <b>≯</b> 31	15°28	11°31	23°26	28°50	6°18	17°16	19°43	17°17	15°58	1°55	20°18	S 6
S 7	5 3 8	14°51'48	8 <b>궁</b> 12	2° 3	16°42	12°17	23°19	28°45	6°21	17°15	19°43	17°13	15°55	2° 2	20°20	S 7
M 8	5 7 5	15°52'44	21°42	3°35	17°55	13° 3	23°12	28°41	6°24	17°13	19°43	17° 8	15°51	2° 8	20°22	M 8
T 9	5 11 2	16°53'40	5≈23	5° 7	19° 9	13°49	23° 5	28°36	6°27	17°11	19°43	17° 4	15°48	2°15	20°25	T 9
W10	5 14 58	17°54'38	19°14	6°39	20°23	14°35	22°58	28°32	6°30	17°10	19°43	17° 0	15°45	2°22	20°27	W10
T 11	5 18 55	18°55'36	3 <b>∺</b> 13	8°12	21°37	15°22	22°52	28°27	6°33	17° 8	19°44	16°57	15°42	2°28	20°30	T 11
F 12	5 22 51	19°56'35	17°18 1 <b>Υ</b> 27	9°44	22°51	16° 8	22°45	28°23	6°36	17° 6	19°44	16°D56	15°39	2°35	20°33	F 12
S 13	5 26 48	20°57'34		11°17	24° 4	16°54	22°39	28°18	6°39	17° 4	19°44	16°57	15°36	2°42	20°35	S 13
S 14	5 30 44	21°58'33	15°38	12°50	25°18	17°41	22°33	28°14	6°42	17° 3	19°44	16°58	15°32	2°49	20°38	S 14
M15	5 34 41	22°59'34	29°51	14°23	26°32	18°27	22°27	28°10	6°45	17° 1	19°44	16°59	15°29	2°55	20°41	M15
T 16	5 38 37	24° 0'34	148 2	15°56	27°46	19°14	22°21	28° 6	6°48	16°59	19°45	17°R 0	15°26	3° 2	20°44	T 16
W17	5 42 34	25° 1'36	28° 8	17°29	28°59	20° 0	22°15	28° 2	6°51	16°58	19°45	17° 0	15°23	3° 9	20°46	W17
T 18	5 46 31	26° 2'38	12 <b>II</b> 7	19° 2	0≈13	20°47	22° 9	27°58	6°54	16°56	19°45	16°58	15°20	3°15	20°49	T 18
F 19 S 20	5 50 27 5 54 24	27° 3'40 28° 4'43	25°54 9 <b>©</b> 26	20°36 22°10	1°26 2°40	21°33 22°20	22° 4 21°59	27°54 27°50	6°56 6°59	16°54 16°53	19°46 19°46	16°53 16°47	15°16 15°13	3°22 3°29	20°52 20°55	F 19 S 20
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S 21	5 58 20	29° 5'47	22°41	23°43	3°53	23° 7	21°54	27°46	7° 2	16°51	19°47	16°39	15°10	3°35	20°58	S 21
M22	6 2 17	0 <b>궁</b> 6'52	5 <b>Ω</b> 37	25°17	5° 7	23°53	21°49	27°42	7° 4	16°49	19°47	16°31	15° 7	3°42	21° 1	M22
T 23	6 6 13	1° 7'57	18°14	26°51	6°20	24°40	21°44	27°39	7° 7	16°48	19°47	16°24	15° 4	3°49	21° 5	T 23
W24	6 10 10	2° 9'02	0 m 34	28°26 0 <b>る</b> 0	7°33 8°47	25°27	21°40	27°35	7°10 7°12	16°46 16°45	19°48	16°17 16°13	15° 1	3°55 4° 2	21° 8 21°11	W24 T 25
T 25 F 26	6 14 6 6 18 3	3°10'09 4°11'15	12°40 24°35	1°35	10° 0	26°14 27° 1	21°35 21°31	27°31 27°28	7°12	16°43	19°48 19°49	16°13	14°57 14°54	4° 9	21°11	F 26
S 27	6 22 0	5°12'23	6 <u>Ω</u> 25	3°10	10° 0	27°48	21°27	27°25	7°17	16°43	19°49 19°50	16°D10	14°54 14°51	4°15	21°14 21°17	S 27
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S 28	6 25 56	6°13'31	18°15	4°45	12°26	28°34	21°23	27°21	7°19	16°40	19°50	16°11	14°48	4°22	21°21	S 28
M29	6 29 53	7°14'40	0M10	6°20	13°39	29°21	21°20	27°18	7°22	16°38	19°51	16°12	14°45	4°29	21°24	M29
T 30 W31	6 33 49	8°15'49 9 <b>궁</b> 16'59	12°15	7°56 9 <b>る</b> 32	14°52 16 <b>≈</b> 5	0 <b>≈</b> 8	21°16	27°15	7°24	16°37 16 <b>Ⅲ</b> 35	19°51 19 <b>¥</b> 52	16°R13	14°42	4°35 4 <b>Ω</b> 42	21°28	T 30 W31
W31	6 37 46	9010.39	24MJ35	9032	10≈ 3	0≈55	21813	27 <b>8</b> 12	7 <b>M</b> 26	10Д35	197532	16 <b>8</b> 12	14838	4 <b>==</b> 42	21≈31	W31

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M 1 T 2	21 s46 21 55			17s10 17 38		24 s44 24 40		24 s18 24 16		17n4		s 7		2s15 2 15	13 s 5		21n21 21 20	1 s30 1 30	17 s50 17 49			16n41 16 40	2n48 2 44	8 s 5 0 8 5 0	6n15
W 3	22 4			18 7			1 41	-		17 3		7		2 15			21 20	1 30		-		16 39	2 41	8 50	6 14
T 4	22 12	21 1	1 s 4	18 34	1 3	24 30	1 43	24 10	1 6	17 3	37 1	7	17 44	2 14	13 8	0 28	21 20	1 30	17 49	14 59	17 1	16 39	2 38	8 49	6 14
F 5	22 20			19 2		24 24	1 44	-	1 7			7		2 14			21 20	1 30					2 35	8 49	6 13
S 6	22 27	26 32	3 12	19 28	0 48	24 17	1 45	24 3	1 7	17 3	33 1	6	17 43	2 14	13 10	0 28	21 20	1 30	17 48	14 59	16 59	16 37	2 31	8 49	6 13
S 7	22 34	27 14	4 3	19 54	0 41	24 9	1 46	23 59	1 7	17 3	32 1	6	17 42	2 14	13 11	0 29	21 20	1 30	17 48	14 58	16 58	16 36	2 28	8 48	6 13
M 8				20 19	0 34		1 48			17 3	-	6			13 12		21 20	1 30					2 25	8 48	6 12
T 9	22 47			20 43			1 49			17 2		6			13 13		21 19	1 30					2 22	8 48	6 12
	22 53		5 12	-		23 42		23 45		17 2	1	6			13 14		21 19	1 30					2 19	8 47	6 11
T 11				21 28		23 31	1 51		1 7	1	-	5			13 15		21 19	1 30					2 15	8 47	6 11
F 12 S 13	23 3 23 8		4 30 3 43	-	0 5 0s 2	23 20 23 8	1 52	23 35 23 29	1 8			5 5			13 16 13 17		21 19 21 19	1 30	17 46 17 46				2 12 2 9	8 46 8 46	6 11 6 10
S 14	23 11			22 29		22 55		23 23	1 8			-			13 18		21 19		17 45				2 6	8 45	6 10
M15 T 16	23 15		1 32		0 16		1 54		1 8		-				13 19		21 18		17 45				2 2	8 45	6 10
W17	23 18 23 20	-	0 16	23 4 23 20		22 28 22 14	1 54 1 55		1 8			4			13 20 13 21		21 18 21 18	1 30					1 59 1 56	8 44 8 44	6 9
T 18	23 20			23 24		21 58		22 57	1 8						13 21		21 18						1 53	8 43	6 8
F 19	23 24			23 48		21 43		22 50	1 8						13 23		21 18		17 43				1 49	8 43	6 8
S 20	23 25			24 0		21 26		22 42	1 8	17			17 32		13 23		21 18		17 43				1 46	8 42	6 8
S 21	23 26	26 10	4 42	24 11	0 54	21 9	1 56	22 34	1 8	17	13 1	3	17 31	2 12	13 24	0.29	21 18	1 30	17 42	14 54	16 49	16 23	1 43	8 41	6 7
M22	23 26			24 21	1 0		1 56	-	1 8						13 25		21 17		17 42				1 40	8 41	6 7
T 23	23 26	20 15	5 8	24 29	1 6	20 33	1 56		1 8	17	1 1	2	17 30	2 11	13 26	0 29	21 17	1 30	17 41	14 53	16 44	16 21	1 36	8 40	6 7
W24	23 25	15 56	4 59	24 37	1 11	20 14	1 56	22 10	1 8	17	0 1	2	17 29	2 11	13 27	0 29	21 17	1 30	17 41	14 53	16 42	16 20	1 33	8 40	6 6
T 25	23 24	11 4	4 37	24 43	1 17	19 55	1 55	22 1	1 8	17	10	2	17 29	2 11	13 28	0 29	21 17	1 30	17 40	14 53	16 41	16 19	1 30	8 39	6 6
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S 27	23 20	0 29	3 18	24 50	1 27	19 15	1 55	21 43	1 8	17	8 1	1	17 28	2 10	13 29	0 29	21 17	1 30	17 39	14 52	16 40	16 17	1 23	8 37	6 5
S 28	23 17	4s55	2 25	24 52	1 31	18 54	1 54	21 33	1 8	17	7 1	1	17 27	2 10	13 30	0 29	21 17	1 30	17 39	14 52	16 40	16 16	1 20	8 37	6 5
M29	23 14	-		24 53	1 36			21 24		17	7 1		17 27		13 31		21 17	1 30		-			1 17	8 36	6 5
	23 11			24 52	1 40			21 14			6 1		17 26		13 31		21 16	1 30					1 13	8 35	6 5
W31	23 s 6	19 s38	0 s45	24 s49	1 s44	17 s48	1 s52	21 s 3	1 s 8	17n	5 1	s 0	17n26	2s 9	13 s32	0n29	21n16	1 s30	17 s37	14s51	16n41	16n14	1n10	8 s 3 4	6n 4

Julian Day Number = 2473428.5, Delta T = 77.61 sec Ecliptic obliquity = 23°25′59, Nutation = -0°00′13, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 25°34′38, Lahiri = 24°41′39