

# Astrodienst Ephemeris Tables for the year 2110

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 2110 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	4	ħ	)ţ(	¥	В	'n	Ω	Ç	ķ	Day
W 1	6 41 17	10중10'02	12823	17 <b>×</b> 754	13°R55	23 <u>₽</u> 46	26°R25	9≈35	29°R10	9₽10	12°R 4	6°R28	7 <b>m</b> ) 33	29 <b>8</b> 7	20≈44	W 1
T 2	6 45 13	11°11'10	24°13	18°44	13 × 52	24°18	26 <b>Ω</b> 21	9°42	298 9	9°10	128 4	6 m 21	7°30	29°13	20°48	T 2
F 3	6 49 10	12°12'18	6 <b>I</b> 6	19°37	13°D50	24°49	26°17	9°48	29° 7	9°10	12° 3	6°12	7°27	29°20	20°51	F 3
S 4	6 53 7	13°13'26	18° 4	20°35	13°51	25°20	26°13	9°55	29° 5	9°11	12° 3	6° 1	7°23	29°27	20°55	S 4
S 5	6 57 3	14°14'33	09 8	21°36	13°55	25°52	26° 9	10° 2	29° 4	9°11	12° 3	5°51	7°20	29°33	20°59	S 5
M 6	7 1 0	15°15'41	12°20	22°40	14° 1	26°23	26° 4	10° 8	29° 2	9°11	12° 2	5°41	7°17	29°40	21° 3	M 6
T 7	7 4 56	16°16'49	24°42	23°47	14° 9	26°54	26° 0	10°15	29° 1	9°11	12° 2	5°32	7°14	29°47	21° 6	T 7
W 8	7 8 53	17°17'57	7 <b>Ω</b> 13	24°57	14°19	27°24	25°55	10°22	28°59	9°11	12° 1	5°26	7°11	29°54	21°10	W 8
T 9	7 12 49	18°19'04	19°54	26° 8	14°32	27°55	25°50	10°29	28°58	9°11	12° 1	5°23	7° 7	0 <b>II</b> 0	21°14	T 9
F 10	7 16 46	19°20'12	2 Mp 46	27°22	14°47	28°25	25°45	10°36	28°57	9°R11	12° 1	5°D21	7° 4	0° 7	21°18	F 10
S 11	7 20 42	20°21'20	15°51	28°37	15° 4	28°56	25°40	10°42	28°55	9°11	12° 0	5°22	7° 1	0°14	21°22	S 11
S 12	7 24 39	21°22'27	29° 9	29°54	15°22	29°26	25°34	10°49	28°54	9°11	12° 0	5°23	6°58	0°21	21°26	S 12
M13	7 28 36	22°23'35	12 <b>≏</b> 43	1 <b>궁</b> 12	15°43	29°56	25°29	10°56	28°53	9°11	12° 0	5°24	6°55	0°27	21°30	M13
T 14	7 32 32	23°24'43	26°34	2°32	16° 6	0 <b>M</b> 26	25°23	11° 3	28°52	9°11	11°59	5°R25	6°52	0°34	21°34	T 14
W15	7 36 29	24°25'51	10 <b>M</b> .41	3°52	16°31	0°56	25°17	11°10	28°50	9°11	11°59	5°24	6°48	0°41	21°38	W15
T 16	7 40 25	25°26'58	25° 4	5°14	16°57	1°26	25°11	11°17	28°49	9°11	11°59	5°21	6°45	0°47	21°42	T 16
F 17	7 44 22	26°28'06	9 <b>∡</b> 740	6°37	17°25	1°55	25° 5	11°24	28°48	9°11	11°59	5°16	6°42	0°54	21°46	F 17
S 18	7 48 18	27°29'14	24°24	8° 1	17°55	2°24	24°59	11°31	28°47	9°10	11°59	5°10	6°39	1° 1	21°50	S 18
S 19	7 52 15	28°30'21	9 <b>ප</b> 8	9°26	18°26	2°54	24°53	11°38	28°46	9°10	11°58	5° 4	6°36	1° 8	21°54	S 19
M20	7 56 11	29°31'28	23°44	10°51	18°59	3°23	24°46	11°45	28°46	9°10	11°58	4°59	6°33	1°14	21°59	M20
T 21	8 0 8	0≈32'34	8 <b>≈</b> 7	12°18	19°33	3°51	24°39	11°52	28°45	9° 9	11°58	4°55	6°29	1°21	22° 3	T 21
W22	8 4 5	1°33'40	22° 9	13°45	20° 9	4°20	24°33	12° 0	28°44	9° 9	11°58	4°52	6°26	1°28	22° 7	W22
T 23	8 8 1	2°34'45	5 <b>) (</b> 47	15°12	20°46	4°48	24°26	12° 7	28°43	9° 9	11°58	4°D52	6°23	1°34	22°11	T 23
F 24	8 11 58	3°35'49	19° 1	16°41	21°24	5°17	24°19	12°14	28°43	9° 8	11°58	4°52	6°20	1°41	22°16	F 24
S 25	8 15 54	4°36'52	1 <b>Y</b> 51	18°10	22° 3	5°45	24°12	12°21	28°42	9° 8	11°58	4°54	6°17	1°48	22°20	S 25
S 26	8 19 51	5°37'55	14°21	19°40	22°44	6°13	24° 5	12°28	28°41	9° 7	11°D58	4°56	6°13	1°55	22°24	S 26
M27	8 23 47	6°38'56	26°34	21°11	23°26	6°40	23°57	12°35	28°41	9° 7	11°58	4°57	6°10	2° 1	22°28	M27
T 28	8 27 44	7°39'56	8 <b>8</b> 35	22°42	24° 9	7° 8	23°50	12°42	28°40	9° 6	11°58	4°R57	6° 7	2° 8	22°33	T 28
W29	8 31 40	8°40'55	20°30	24°14	24°52	7°35	23°42	12°50	28°40	9° 5	11°58	4°57	6° 4	2°15	22°37	W29
T 30	8 35 37	9°41'53	2 <u>II</u> 21	25°46	25°37	8° 2	23°35	12°57	28°39	9° 5	11°58	4°55	6° 1	2°22	22°41	T 30
F 31	8 39 34	10≈42'50	14∏15	27 <b>궁</b> 19	26 <b>×</b> <sup>7</sup> 23	8 <b>M</b> 29	23 <b>£</b> 27	13 <b>≈</b> 4	28 <b>8</b> 39	9 <b>≙</b> 4	11858	4 Mp 52	5 <b>m</b> 58	2∏28	22≈46	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	decl	decl	decl	lat
W 1	23 s 2	11n 7	4s39	20 s34	2n19	18s 9	4n20	7 s38	1n42	13n33	0n54	18s31	0 s42	19n47	0s11	2s19	1n26	0 s 1	16s12	9n 8	8n44	14n58	8 s46	6n 7
T 2	22 57	13 59	4 58	20 46	2 11	18 1	4 27	7 50	1 42	13 35	0 55	18 29	0 42	19 46	0 11	2 19	1 26	0 1	16 12	9 11	8 45	15 0	8 45	6 7
F 3	22 52	16 18	5 5	20 59		17 55	4 34	8 1		13 36		18 27		19 46	-	2 19	1 26	0 0	16 11	9 14	8 46		8 44	6 7
S 4	22 46	17 56	4 59	21 12	1 54	17 49	4 39	8 12	1 43	13 38	0 55	18 26	0 42	19 46	0 11	2 19	1 26	0 0	16 11	9 18	8 47	15 2	8 43	6 6
S 5	22 40	18 47	4 39	21 24	1 45	17 45	4 45	8 23	1 43	13 40	0 55	18 24	0 42	19 45	0 11	2 19	1 26	0 0	16 11	9 22	8 49	15 4	8 42	6 6
M 6	22 33	18 46	4 6	21 37	1 37	17 41	4 49	8 34	1 43	13 41	0 56	18 22	0 42	19 45	0 11	2 19	1 26	0n 0	16 10	9 25	8 50	15 5	8 41	6 6
T 7	22 26	17 52	3 21	21 49	1 28	17 37	4 54	8 45	1 43	13 43	0 56	18 20	0 42	19 45	0 11	2 19	1 26	0 0	16 10	9 28	8 51	15 6	8 40	6 6
W 8		16 6	2 26		1 19		4 57	8 56			0 56			19 44	0 11	2 19	1 26	0 1	16 10	9 31	8 52	15 7	8 39	6 5
T 9	-	13 32			1 10		5 1	9 7	1 44	13 47	0 56			19 44	0 11	2 19	1 26	0 1	16 9	9 32	8 53		8 38	6 5
F 10	22 2	10 16		22 23	1 1		5 4	9 17	1 44	13 49	0 56			19 44	0 11	2 19	1 26		16 9	9 32		15 10	8 37	6 5
S 11	21 53	6 27	0n56	22 32	0 52	17 31	5 6	9 28	1 44	13 51	0 57	18 13	0 42	19 43	0 11	2 19	1 26	0 1	16 9	9 32	8 56	15 11	8 36	6 5
S 12	21 44	2 15	2 5	22 42	0 44	17 31	5 8	9 38	1 44	13 53	0 57	18 11	0 42	19 43	0 11	2 19	1 26	0 1	16 8	9 32	8 57	15 12	8 35	6 4
M13	21 34	2s 8	3 8	22 50	0 35	17 31	5 10	9 49	1 44	13 55	0 57	18 9	0 43	19 43	0 11	2 19	1 27	0 2	16 8	9 31	8 58	15 14	8 34	6 4
T 14	21 24	6 29	4 2	22 57	0 27	17 33	5 11	9 59	1 44	13 57	0 57	18 8	0 43	19 43	0 11	2 19	1 27	0 2	16 8	9 31	8 59	15 15	8 33	6 4
	21 13	10 33		23 3	0 18	17 34	-	10 9	1 45	13 59	0 58		0 43	19 42	0 11	2 19	1 27	0 2	16 7	9 32	9 0		8 32	6 4
	21 2	14 5		23 9		17 36		10 19		14 1	0 58			19 42		2 18	1 27	0 2		9 33	9 2		8 31	6 4
F 17	20 51			23 13		17 38		10 29		14 4	0 58			19 42	-	2 18	1 27	0 3		9 34		15 19	8 30	6 3
S 18	20 39	18 26	4 53	23 16	0s 6	17 41	5 13	10 39	1 45	14 6	0 58	18 0	0 43	19 42	0 11	2 18	1 27	0 3	16 6	9 37	9 4	15 20	8 29	6 3
S 19	20 27	18 50	4 17	23 18	0 13	17 44	5 12	10 49	1 45	14 8	0 58	17 58	0 43	19 42	0 11	2 18	1 27	0 3	16 6	9 39	9 5	15 21	8 28	6 3
M20	20 14	17 58	3 25	23 19	0 21	17 47	5 12	10 59	1 45	14 11	0 59	17 56	0 43	19 41	0 11	2 18	1 27	0 3	16 6	9 41	9 6	15 22	8 27	6 3
T 21	20 1	15 58	2 21	23 19	0 28	17 51	5 11	11 8	1 45	14 13	0 59	17 54	0 43	19 41	0 11	2 18	1 27	0 4	16 5	9 42	9 7	15 24	8 25	6 3
W22	19 48	13 2		23 18		17 55		11 18	1 46	14 15		17 52	0 43	19 41	0 11	2 17	1 27	0 4	16 5	9 43	9 9		8 24	6 2
T 23	19 34	9 28		23 15		17 59		11 27	-	14 18		17 50		19 41	0 11	2 17	1 27		16 5	9 43		15 26	8 23	6 2
F 24	19 20	5 31		23 11	0 49			11 37		14 20		17 48		19 41	0 11	2 17	1 27	0 5		9 43		15 27	8 22	6 2
S 25	19 6	1 26	2 22	23 6	0 55	18 7	5 4	11 46	1 46	14 23	0 59	17 46	0 43	19 41	0 11	2 17	1 27	0 5	16 4	9 43	9 12	15 29	8 21	6 2
S 26	18 51	2n35	3 20	23 0	1 2	18 12	5 2	11 55	1 46	14 26	1 0	17 45	0 43	19 41	0 11	2 17	1 27	0 5	16 4	9 42	9 13	15 30	8 20	6 2
M27	18 36	6 25		22 52	1 8		-	12 4	1 46	14 28	1 0	17 43		19 41	0 11	2 16	1 27	0 6	16 3	9 41	9 14	15 31	8 18	6 2
T 28	18 20	9 55		22 43	1 13			12 13	1 46		1 0			19 40		2 16	1 27	0 6		9 41	9 16		8 17	6 2
W29	18 5	12 58		22 33	1 19			12 21		14 33	1 0			19 40	-	2 16	1 27	0 6		9 41	9 17		8 16	6 1
T 30	17 49			22 21	1 24		-	12 30	-	14 36	1 0			19 40		2 15	1 27		16 2	9 42		15 35	8 15	6 1
F 31	17 s32	17n22	5 s 1 0	22 s 8	1 s29	18s34	4n49	12 s38	1n47	14n39	1n 0	17 s35	0 s44	19n40	0s11	2s15	1n27	0n 7	16s 2	9n43	9n19	15n36	8s13	6n 1

Julian Day Number = 2491721.5, Delta T = 98.01 sec Ecliptic obliquity =  $23^{\circ}25'21$ , Nutation = -  $0^{\circ}00'06$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $26^{\circ}16'38$ , Lahiri =  $25^{\circ}23'38$ 

00:00 UT FEBRUARY 2110

Day	Sid.t	0	J	ğ	φ	♂	4	ħ	)∤(	¥	В	n	ß	ţ	ķ	Day
S 1	8 43 30	11≈43'46	26 <b>I</b> I15	28 <b>궁</b> 53	27 <b>×</b> 710	8 <b>M</b> .56	23°R20	13≈11	28°R39	9°R 3	11858	4°R48	5 <b>m</b> 54	2 <b>Ц</b> 35	22≈50	S 1
S 2	8 47 27	12°44'40	8925	0≈28	27°58	9°22	23\$\Omega12	13°18	28 <b>8</b> 39	9 <b>॒</b> 3	11°58	4 Mp 44	5°51	2°42	22°54	S 2
M 3	8 51 23	13°45'34	20°46	2° 3	28°46	9°48	23° 4	13°26	28°39	9° 2	11°59	4°41	5°48	2°48	22°59	M 3
T 4	8 55 20	14°46'26	3 <b>Ω</b> 21	3°39	29°36	10°14	22°57	13°33	28°38	9° 1	11°59	4°38	5°45	2°55	23° 3	T 4
W 5	8 59 16	15°47'17	16° 9	5°15	0 <b>궁</b> 26	10°40	22°49	13°40	28°38	9° 0	11°59	4°36	5°42	3° 2	23° 8	W 5
T 6	9 3 13	16°48'07	29°12	6°53	1°17	11° 6	22°41	13°47	28°D38	9° 0	11°59	4°D35	5°39	3° 9	23°12	T 6
F 7	9 7 9	17°48'56	12 <b>m</b> /28	8°31	2° 8	11°31	22°33	13°54	28°38	8°59	11°59	4°35	5°35	3°15	23°16	F 7
S 8	911 6	18°49'44	25°56	10° 9	3° 1	11°56	22°25	14° 1	28°38	8°58	12° 0	4°36	5°32	3°22	23°21	S 8
S 9	9 15 3	19°50'31	9 <b>॒</b> 36	11°49	3°54	12°21	22°17	14° 9	28°39	8°57	12° 0	4°37	5°29	3°29	23°25	S 9
M10	9 18 59	20°51'17	23°26	13°29	4°48	12°45	22° 9	14°16	28°39	8°56	12° 0	4°38	5°26	3°35	23°30	M10
T 11	9 22 56	21°52'02	7 <b>M</b> 25	15°10	5°42	13°10	22° 1	14°23	28°39	8°55	12° 1	4°39	5°23	3°42	23°34	T 11
W12	9 26 52	22°52'46	21°32	16°52	6°37	13°34	21°53	14°30	28°39	8°54	12° 1	4°R39	5°19	3°49	23°38	W12
T 13	9 30 49	23°53'29	5 <b>₹</b> 45	18°35	7°32	13°57	21°45	14°37	28°40	8°53	12° 1	4°39	5°16	3°56	23°43	T 13
F 14	9 34 45	24°54'11	20° 1	20°19	8°28	14°21	21°37	14°44	28°40	8°52	12° 2	4°38	5°13	4° 2	23°47	F 14
S 15	9 38 42	25°54'53	4 <b>궁</b> 17	22° 3	9°25	14°44	21°29	14°52	28°41	8°51	12° 2	4°37	5°10	4° 9	23°52	S 15
S 16	9 42 38	26°55'32	18°31	23°48	10°22	15° 7	21°21	14°59	28°41	8°50	12° 3	4°36	5° 7	4°16	23°56	S 16
M17	9 46 35	27°56'11	2≈38	25°34	11°20	15°29	21°13	15° 6	28°42	8°48	12° 3	4°36	5° 4	4°23	24° 0	M17
T 18	9 50 32	28°56'49	16°34	27°21	12°18	15°52	21° 6	15°13	28°42	8°47	12° 4	4°35	5° 0	4°29	24° 5	T 18
W19	9 54 28	29°57'24	0 <b>∺</b> 16	29° 9	13°17	16°13	20°58	15°20	28°43	8°46	12° 4	4°D35	4°57	4°36	24° 9	W19
T 20	9 58 25	0 <b>)</b> 57'59	13°40	0 <b>)</b> ₹58	14°16	16°35	20°50	15°27	28°44	8°45	12° 5	4°35	4°54	4°43	24°14	T 20
F 21	10 2 21	1°58'32	26°47	2°47	15°15	16°56	20°42	15°34	28°45	8°44	12° 5	4°35	4°51	4°49	24°18	F 21
S 22	10 618	2°59'03	9 <b>Ƴ</b> 34	4°37	16°15	17°17	20°35	15°41	28°45	8°42	12° 6	4°35	4°48	4°56	24°22	S 22
S 23	10 10 14	3°59'32	22° 4	6°28	17°15	17°38	20°27	15°48	28°46	8°41	12° 6	4°35	4°45	5° 3	24°27	S 23
M24	10 14 11	5° 0'00	4820	8°20	18°16	17°58	20°20	15°55	28°47	8°40	12° 7	4°R35	4°41	5°10	24°31	M24
T 25	10 18 7	6° 0'25	16°23	10°12	19°17	18°18	20°12	16° 2	28°48	8°38	12° 8	4°35	4°38	5°16	24°35	T 25
W26	10 22 4	7° 0'49	28°19	12° 5	20°18	18°37	20° 5	16° 9	28°49	8°37	12° 8	4°35	4°35	5°23	24°40	W26
T 27	10 26 1	8° 1'11	10 <b>I</b> I11	13°59	21°20	18°56	19°57	16°15	28°50	8°36	12° 9	4°D35	4°32	5°30	24°44	T 27
F 28	10 29 57	9 <b>米</b> 1'31	22 <b>II</b> 6	15 <b>¥</b> 52	22 <b>る</b> 22	19 <b>M</b> _15	19 <b>Ω</b> 50	16≈22	28 <b>8</b> 52	8 <b>≏</b> 34	12810	4 <b>m</b> 35	4 Mp 29	5 <b>Ⅱ</b> 37	24≈48	F 28

Day	0	2	)	ξ	5	(	2	ď	4	2	+	ħ		) <sub>į</sub>	ξ(	Ť	ħ	E	)	ß	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 l	at
S 1	17 s15	18n30	4s52	21 s54	1 s34	18 s 38	4n46	12 s47	1n47	14n41	1n 1	17 s33	0 s44	19n40	0s11	2s15	1n28	0n 8	16s 2	9n45	9n20	15n37	8 s 1 2	6n 1
S 2	16 58	18 48	4 22	21 38	1 38	18 42	4 42	12 55	1 47	14 44	1 1	17 31	0 44	19 40	0 11	2 14	1 28	0 8	16 1	9 46	9 21	15 39	8 11	6 1
M 3	16 41	18 13	3 38	21 21	1 42	18 46	4 39	13 3	1 47	14 47	1 1	17 29	0 44	19 40	0 11	2 14	1 28	0 8	16 1	9 47	9 23	15 40	8 9	6 1
T 4	16 23	16 44	2 44	21 3	1 46	18 50	4 35	13 11	1 47	14 49	1 1	17 27	0 44	19 40	0 11	2 14	1 28	0 9	16 0	9 48	9 24	15 41	8 8	6 1
W 5	16 6	14 24	1 40	20 43	1 50	18 54	4 32	13 19	1 47	14 52	1 1	17 25	0 44	19 40	0 11	2 13	1 28	0 9	16 0	9 49	9 25	15 42	8 7	6 1
T 6	15 47	11 17	0 30	20 22	1 53	18 57	4 28	13 27	1 47	14 55	1 1	17 23	0 44	19 40	0 11	2 13	1 28	0 9	16 0	9 49	9 26	15 43	8 5	6 1
F 7	15 29	7 33	0n43	19 59	1 56	19 1	4 24	13 35	1 47	14 57	1 1	17 21	0 44	19 40	0 11	2 13	1 28	0 10	15 59	9 49	9 27	15 45	8 4	6 1
S 8	15 10	3 23	1 55	19 35	1 58	19 4	4 20	13 42	1 47	15 0	1 2	17 19	0 44	19 40	0 11	2 12	1 28	0 10	15 59	9 49	9 28	15 46	8 3	6 0
S 9	14 51	1s 1	3 2	19 10	2 0	19 7	4 15	13 50	1 47	15 3	1 2	17 17	0 44	19 40	0 11	2 12	1 28	0 11	15 59	9 49	9 30	15 47	8 1	6 0
M10	14 32	5 24	3 58	18 43	2 2	19 9	4 11	13 57	1 47				0 44	19 40	0 11	2 11	1 28	0 11	15 58	9 48	9 31	15 48	8 0	6 0
T 11	14 13	9 32	4 42	18 15	2 4	19 11	4 7	14 5	1 47		1 2		0 44	19 40	0 11	2 11	1 28	0 12	15 58	9 48	9 32	15 49	7 59	6 0
W12	13 53	13 10	5 8	17 45		19 13	4 2	14 12		15 11	1 2		0 44	19 41	0 10	2 11	1 28		15 58	9 48		15 51	7 57	6 0
T 13	13 33	16 3		17 14				14 19		15 13			0 44		0 10	2 10	1 28		15 57	9 48	9 34	15 52	7 56	6 0
F 14	13 13			16 42	2 6			14 26		15 16			-		0 10	-	1 28		15 57	9 48		15 53	7 55	6 0
S 15	12 52			-				14 32		15 19				19 41	0 10	-	1 28		15 57	9 49		15 54	7 53	6 0
S 16	12 32	18 22	3 48	15 33	2 5	19 18	3 44	14 39	1 47	15 21	1 2	17 3	0 45	19 41	0 10	2 9	1 28	0 14	15 56	9 49	9 38	15 55	7 52	6 0
M17	12 11	16 50	2 48	14 56	2 4	19 18	3 39	14 46	1 47	15 24	1 2		0 45	19 41	0 10	2 8	1 28	0 14	15 56	9 49	9 39	15 57	7 50	6 0
T 18	11 50	14 18	1 38	14 18	2 2			14 52	1 47	15 27	1 2		0 45	19 41	0 10	2 8	1 28	0.15	15 56	9 49	9 40	15 58	7 49	6 0
W19	11 29	11 0	0 24	13 38	2 0	19 18	3 29	14 58		15 29	1 3		0 45	19 41	0 10	2 7	1 28	0.15	15 55	9 49	9 41	15 59	7 48	6 0
T 20	11 7	7 11		12 58	1 58					15 32	1 3		0 45	19 42	0 10	2 7	1 28	0 16	15 55	9 49	9 42	16 0	7 46	6 0
F 21	10 46	3 7	2 0	12 16			3 19	15 11		15 34	1 3		0 45		0 10	2 6	1 28			9 49	9 44		7 45	6 0
S 22	10 24	1n 0	-	11 32	1 51	-		15 17		15 37	_	16 51		19 42	0 10	_	1 28		15 54	9 49	9 45		7 43	6 0
S 23	10 2	4 58	3 54	10 47	1 47	19 11	3 9	15 22	1 46	15 39	1 3	16 49	0 45	19 42	0 10	2 5	1 28	0 17	15 54	9 49	9 46	16 4	7 42	6 0
M24	9 40	8 39	4 34	10 1	1 43	19 9	3 4	15 28	1 46	15 42	1 3	16 47	0 45	19 42	0 10	2 5	1 29	0 17	15 54	9 49	9 47	16 5	7 40	6 0
T 25	9 18	11 54	5 1	9 14	1 37	19 5	2 59	15 34	1 46	15 44	1 3	16 45	0 46	19 43	0 10	2 4	1 29	0 18	15 53	9 49	9 48	16 6	7 39	6 0
W26	8 56	14 39	5 15	8 26	1 32	19 2		15 39	1 46	15 46	1 3	16 43	0 46	19 43	0 10	2 3	1 29	0 18	15 53	9 49	9 49		7 38	6 0
T 27	8 33	16 45		7 37	1 25			15 45		15 49					0 10		1 29		15 53	9 49	9 51		7 36	6 0
F 28		18n 9		6s46			-	15 s50		15n51	-	16s39		19n43	0s10	2s 2			15 s52	9n49		16n10	7 s35	6n 0

Julian Day Number = 2491752.5, Delta T = 98.05 sec Ecliptic obliquity =  $23^{\circ}25'21$ , Nutation = - $0^{\circ}00'06$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $26^{\circ}16'42$ , Lahiri =  $25^{\circ}23'43$ 

MARCH 2110 00:00 UT

_	_	-														
Day	Sid.t	0	D	ğ	φ	♂	4	ħ	<b>)</b> f(	卉	Р	R	c c	Ç	ę,	Day
S 1	10 33 54	10 <b>光</b> 1′50	499 6	17 <b>) (</b> 46	23 <b>궁</b> 24	19 <b>M</b> .33	19°R43	16≈29	28 <b>8</b> 53	8°R33	12810	4 Mp 36	4 Mp 25	5 <b>Ⅱ</b> 43	24≈53	S 1
S 2	10 37 50	11° 2'06	16°17	19°40	24°27	19°51	19 <b>Ω</b> 36	16°36	28°54	8 <b>॒</b> 32	12°11	4°36	4°22	5°50	24°57	S 2
M 3	10 41 47	12° 2'20	28°42	21°34	25°29	20° 8	19°29	16°43	28°55	8°30	12°12	4°37	4°19	5°57	25° 1	M 3
T 4	10 45 43	13° 2'32	11 <b>£</b> 25	23°27	26°33	20°25	19°23	16°49	28°57	8°29	12°13	4°38	4°16	6° 3	25° 5	T 4
W 5	10 49 40	14° 2'42	24°27	25°20	27°36	20°42	19°16	16°56	28°58	8°27	12°13	4°38	4°13	6°10	25°10	W 5
T 6	10 53 36	15° 2'51	7 <b>™</b> 49	27°11	28°40	20°58	19° 9	17° 3	28°59	8°26	12°14	4°R38	4°10	6°17	25°14	T 6
F 7	10 57 33	16° 2'57	21°29	29° 1	29°44	21°14	19° 3	17° 9	29° 1	8°24	12°15	4°38	4° 6	6°24	25°18	F 7
S 8	11 1 29	17° 3'02	5 <b>₾</b> 25	0 <b>Υ</b> 49	0≈48	21°29	18°57	17°16	29° 2	8°23	12°16	4°37	4° 3	6°30	25°22	S 8
S 9	11 5 26	18° 3'05	19°34	2°35	1°53	21°44	18°50	17°22	29° 4	8°21	12°17	4°35	4° 0	6°37	25°26	S 9
M10	11 9 23	19° 3'06	3 <b>M</b> .52	4°18	2°57	21°58	18°44	17°29	29° 6	8°20	12°18	4°34	3°57	6°44	25°31	M10
T 11	11 13 19	20° 3'05	18°13	5°57	4° 2	22°12	18°38	17°35	29° 7	8°18	12°18	4°32	3°54	6°50	25°35	T 11
W12	11 17 16	21° 3'03	2 <b>₹</b> 33	7°33	5° 7	22°25	18°33	17°42	29° 9	8°17	12°19	4°30	3°50	6°57	25°39	W12
T 13	11 21 12	22° 3'00	1 <u>6</u> °49	9° 5	6°13	22°38	18°27	17°48	29°11	8°15	12°20	4°D30	3°47	7° 4	25°43	T 13
F 14	11 25 9	23° 2'55	0 <b>궁</b> 57	10°32	7°19	22°50	18°22	17°55	29°13	8°14	12°21	4°30	3°44	7°11	25°47	F 14
S 15	11 29 5	24° 2'48	14°58	11°53	8°24	23° 2	18°16	18° 1	29°14	8°12	12°22	4°31	3°41	7°17	25°51	S 15
S 16	11 33 2	25° 2'40	28°48	13° 9	9°30	23°13	18°11	18° 7	29°16	8°10	12°23	4°32	3°38	7°24	25°55	S 16
M17	11 36 58	26° 2'30	12≈27	14°18	10°37	23°23	18° 6	18°13	29°18	8° 9	12°24	4°33	3°35	7°31	25°59	M17
T 18	11 40 55	27° 2'18	25°54	15°20	11°43	23°33	18° 1	18°19	29°20	8° 7	12°25	4°34	3°31	7°38	26° 3	T 18
W19	11 44 52	28° 2'04	9 <b>米</b> 10	16°15	12°50	23°43	17°57	18°26	29°22	8° 6	12°26	4°R34	3°28	7°44	26° 7	W19
T 20	11 48 48	29° 1'48	22°13	17° 3	13°56	23°51	17°52	18°32	29°24	8° 4	12°27	4°33	3°25	7°51	26°10	T 20
F 21	11 52 45	0 <b>Υ</b> 1'31	5 <b>Υ</b> 2	17°43	15° 3	24° 0	17°48	18°38	29°27	8° 2	12°28	4°31	3°22	7°58	26°14	F 21
S 22	11 56 41	1° 1'11	17°39	18°15	16°10	24° 7	17°43	18°44	29°29	8° 1	12°29	4°27	3°19	8° 4	26°18	S 22
S 23	12 0 38	2° 0'49	0 <b>8</b> 3	18°39	17°17	24°14	17°39	18°50	29°31	7°59	12°30	4°23	3°16	8°11	26°22	S 23
M24	12 4 34	3° 0'26	12°14	18°55	18°25	24°20	17°36	18°55	29°33	7°57	12°31	4°18	3°12	8°18	26°26	M24
T 25	12 8 31	4° 0'00	24°17	19°R 3	19°32	24°26	17°32	19° 1	29°35	7°56	12°32	4°13	3° 9	8°25	26°29	T 25
W26	12 12 27	4°59'31	6 <b>I</b> I12	19° 3	20°40	24°31	17°28	19° 7	29°38	7°54	12°34	4° 9	3° 6	8°31	26°33	W26
T 27	12 16 24	5°59'01	18° 4	18°55	21°47	24°35	17°25	19°13	29°40	7°52	12°35	4° 6	3° 3	8°38	26°37	T 27
F 28	12 20 21	6°58'28	29°57	18°40	22°55	24°39	17°22	19°18	29°42	7°51	12°36	4° 4	3° 0	8°45	26°40	F 28
S 29	12 24 17	7°57'53	119556	18°18	24° 3	24°42	17°19	19°24	29°45	7°49	12°37	4°D 4	2°56	8°51	26°44	S 29
S 30	12 28 14	8°57'16	24° 5	17°50	25°11	24°44	17°16	19°29	29°47	7°47	12°38	4° 5	2°53	8°58	26°47	S 30
M31	12 32 10	9 <b>Ƴ</b> 56'36	6 <b>Ω</b> 29	17 <b>Υ</b> 16	26≈20	24M46	17 <b>Ω</b> 14	19≈35	29 <b>8</b> 50	7 <b>≏</b> 46	12839	4MD 6	2 Mp 50	9 <b>I</b> I 5	26≈51	M31

Day	0	D	ğ	Q	ď	4	ħ	)∤(	卉	Р	y U	Ç	ķ
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl dec	l decl	decl lat
S 1	7 s48	18n45 4s36	5 5 s 5 1 s	s11 18 s48 2n38	15 s55 1n45	15n53 1n 3	16s37 0s46	19n44 0s10	2s 2 1n29	0n20 15 s52	9n49 9n5	3 16n11	7s33 6n 0
S 2	7 25	18 30 3 57	5 3 1	2 18 43 2 32	16 0 1 45	15 56 1 3	16 35 0 46	19 44 0 10	2 1 1 29	0 20 15 52	9 49 9 5	4 16 12	7 32 6 0
M 3	7 2	17 22 3 6				15 58 1 3				0 21 15 52	9 49 9 5		7 30 6 0
T 4		15 20 2 5				16 0 1 3				0 21 15 51	9 48 9 5	-	7 29 6 1
W 5	6 16				-	16 2 1 3				0 22 15 51	9 48 9 5	-	7 27 6 1
T 6 F 7	5 53	8 54 0n18 4 47 1 32				16 4 1 3				0 22 15 51 0 23 15 50		9 16 16	
S 8	5 30 5 7	4 47 1 32 0 20 2 42		12 18 8 2 6 0 18 0 2 1	16 23 1 44 16 27 1 44	16 6 1 3 16 8 1 3		19 46 0 10 19 46 0 10		0 23 15 50 0 23 15 50	9 48 10 9 49 10	0 16 18 1 16 19	7 24 6 1 7 23 6 1
	3 /												
S 9	4 43	4s12 3 44				16 10 1 3		19 46 0 10		0 24 15 50		2 16 20	
M10	4 20	8 32 4 32		24 17 42 1 50		16 12 1 3				0 25 15 49		3 16 21	7 20 6 1
T 11	3 56									0 25 15 49		4 16 22	7 19 6 1
W12 T 13										0 26 15 49		6 16 23	7 17 6 1
F 14	3 9 2 45	17 39 5 8 18 42 4 43	_			16 17 1 3 16 19 1 3		19 48 0 10 19 48 0 10		0 26 15 49 0 27 15 48	9 51 10 9 51 10	7 16 24 8 16 26	7 16 6 1 7 14 6 2
S 15	-	-			16 53 1 41	16 20 1 3		19 48 0 10		0 27 15 48		9 16 27	7 13 6 2
													,
S 16						16 22 1 3		19 49 0 10		0 28 15 48	9 51 10 1		7 11 6 2
M17	1 34									0 28 15 48	9 50 10 1		7 10 6 2
T 18 W19	1 11	12 8 0 48 8 31 0s25	_	9 16 9 1 9	17 3 1 39					0 29 15 47	9 50 10 1 9 50 10 1		
T 20	0 47 0 23	8 31 0s25 4 33 1 35		21 15 55 1 4 32 15 41 0 59		16 26 1 3 16 28 1 3		19 50 0 10 19 51 0 10		0 29 15 47 0 30 15 47	9 50 10 1		7 7 6 2 7 6 6 2
F 21	0 23 0n 1	0 26 2 40			17 11 1 37	16 29 1 3		19 51 0 10		0 30 15 47	9 51 10 1		7 4 6 3
S 22	0 24	3n37 3 35			17 13 1 37			19 52 0 10		0 30 15 47	9 52 10 1		
													, -
S 23 M24	0 48 1 12					16 31 1 2 16 32 1 2		19 52 0 10 19 53 0 10		0 31 15 46 0 32 15 46	9 54 10 1 9 56 10 1		7 1 6 3 7 0 6 3
T 25						16 32 1 2 16 33 1 2				0 32 15 46	9 57 10 2		6 59 6 3
W26					17 20 1 33					0 32 15 46 0 33 15 45	9 59 10 2		6 57 6 3
T 27					17 24 1 33					0 33 15 45		3 16 40	
F 28						16 36 1 2				0 34 15 45		4 16 41	6 54 6 4
S 29					17 27 1 31	16 37 1 2				0 34 15 45		5 16 42	6 53 6 4
S 30	3 33	17 59 3 21	10 7 3	23 12 55 0 12	17 29 1 30	16 38 1 2	15 45 0 49	19 56 0 10	1 43 1 29	0 35 15 45	10 0 10 2	6 16 43	6 52 6 4
M31		16n18 2s25						19n57 0s10		0n35 15s44			

Julian Day Number = 2491780.5, Delta T = 98.09 sec Ecliptic obliquity =  $23^{\circ}25'22$ , Nutation = -  $0^{\circ}00'07$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $26^{\circ}16'46$ , Lahiri =  $25^{\circ}23'47$ 

APRIL 2110 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂	4	ħ	)វុ(	¥	В	R	v	Ç	, k	Day
T 1	12 36 7	10 <b>Y</b> 55'55	19 <b>Ω</b> 13	16°R37	27≈28	24M46	17°R11	19≈40	29 <b>8</b> 52	7°R44	12840	4M) 8	2 <b>m</b> 47	9 <b>П</b> 12	26≈54	T 1
W 2	12 40 3	11°55'10	2 <b>m</b> 19	15 <b>Y</b> 54	28°36	24°R46	17 <b>Ω</b> 9	19°45	29°55	7 <b>≏</b> 42	12°42	4°R 9	2°44	9°18	26°58	W 2
T 3	12 44 0	12°54'24	15°51	15° 8	29°45	24°46	17° 7	19°51	29°58	7°41	12°43	4° 8	2°41	9°25	27° 1	T 3
F 4	12 47 56	13°53'35	29°48	14°20	0 <b>) €</b> 54	24°44	17° 5	19°56	0 <b>II</b> 0	7°39	12°44	4° 6	2°37	9°32	27° 4	F 4
S 5	12 51 53	14°52'44	14 <b>♀</b> 7	13°30	2° 2	24°42	17° 4	20° 1	0° 3	7°37	12°45	4° 2	2°34	9°39	27° 8	S 5
S 6	12 55 49	15°51'52	28°43	12°41	3°11	24°39	17° 2	20° 6	0° 6	7°36	12°46	3°56	2°31	9°45	27°11	S 6
M 7	12 59 46	16°50'57	13 <b>M</b> 29	11°53	4°20	24°36	17° 1	20°11	0° 8	7°34	12°48	3°49	2°28	9°52	27°14	M 7
T 8	13 3 43	17°50'00	28°17	11° 6	5°29	24°31	17° 0	20°16	0°11	7°33	12°49	3°43	2°25	9°59	27°17	T 8
W 9	13 7 39	18°49'02	13 <b>×7</b> 0	10°22	6°38	24°26	16°59	20°21	0°14	7°31	12°50	3°37	2°21	10° 5	27°20	W 9
T 10	13 11 36	19°48'02	27°31	9°41	7°48	24°20	16°58	20°26	0°17	7°29	12°51	3°33	2°18	10°12	27°24	T 10
F 11	13 15 32	20°47'00	11 <b>궁</b> 46	9° 4	8°57	24°14	16°58	20°30	0°20	7°28	12°53	3°31	2°15	10°19	27°27	F 11
S 12	13 19 29	21°45'57	25°43	8°31	10° 7	24° 6	16°58	20°35	0°22	7°26	12°54	3°D31	2°12	10°26	27°30	S 12
S 13	13 23 25	22°44'51	9≈22	8° 3	11°16	23°58	16°D57	20°40	0°25	7°25	12°55	3°32	2° 9	10°32	27°33	S 13
M14	13 27 22	23°43'44	22°44	7°40	12°26	23°49	16°57	20°44	0°28	7°23	12°57	3°33	2° 6	10°39	27°35	M14
T 15	13 31 18	24°42'35	5 <b>)</b> (51	7°22	13°35	23°39	16°58	20°49	0°31	7°21	12°58	3°R33	2° 2	10°46	27°38	T 15
W16	13 35 15	25°41'25	18°44	7°10	14°45	23°29	16°58	20°53	0°34	7°20	12°59	3°32	1°59	10°52	27°41	W16
T 17	13 39 12	26°40'12	1 <b>Υ</b> 26	7° 2	15°55	23°17	16°59	20°57	0°37	7°18	13° 1	3°29	1°56	10°59	27°44	T 17
F 18	13 43 8	27°38'58	13°57	7°D 0	17° 5	23° 5	17° 0	21° 1	0°40	7°17	13° 2	3°23	1°53	11° 6	27°46	F 18
S 19	13 47 5	28°37'42	26°19	7° 3	18°15	22°52	17° 1	21° 6	0°43	7°15	13° 3	3°14	1°50	11°13	27°49	S 19
S 20	13 51 1	29°36'24	8 <b>8</b> 31	7°12	19°25	22°39	17° 2	21°10	0°47	7°14	13° 4	3° 4	1°47	11°19	27°52	S 20
M21	13 54 58	0 <b>8</b> 35'04	20°36	7°25	20°35	22°25	17° 3	21°14	0°50	7°12	13° 6	2°53	1°43	11°26	27°54	M21
T 22	13 58 54	1°33'42	2 <b>∏</b> 35	7°43	21°45	22°10	17° 5	21°17	0°53	7°11	13° 7	2°42	1°40	11°33	27°57	T 22
W23	14 2 51	2°32'18	14°28	8° 6	22°55	21°54	17° 6	21°21	0°56	7° 9	13° 8	2°32	1°37	11°40	27°59	W23
T 24	14 6 47	3°30'52	26°19	8°33	24° 6	21°38	17° 8	21°25	0°59	7° 8	13°10	2°24	1°34	11°46	28° 2	T 24
F 25	14 10 44	4°29'23	89910	9° 4	25°16	21°21	17°10	21°29	1° 2	7° 6	13°11	2°18	1°31	11°53	28° 4	F 25
S 26	14 14 41	5°27'53	20° 7	9°39	26°26	21° 4	17°13	21°32	1° 6	7° 5	13°13	2°15	1°27	12° 0	28° 6	S 26
S 27	14 18 37	6°26'21	2 <b>Ω</b> 13	10°18	27°37	20°46	17°15	21°36	1° 9	7° 4	13°14	2°D14	1°24	12° 6	28° 8	S 27
M28	14 22 34	7°24'46	14°34	11° 1	28°47	20°28	17°18	21°39	1°12	7° 2	13°15	2°14	1°21	12°13	28°11	M28
T 29	14 26 30	8°23'09	27°14	11°48	29°58	20° 9	17°21	21°42	1°15	7° 1	13°17	2°R14	1°18	12°20	28°13	T 29
W30	14 30 27	9821'30	10 <b>M</b> )18	12 <b>Y</b> 38	1 <b>Υ</b> 8	19 <b>M</b> 49	17 <b>Ω</b> 24	21≈46	1 <b>II</b> 19	6 <b>₽</b> 59	13 <b>8</b> 18	2 Mp 14	1 Mp 15	12 <b>Ⅲ</b> 27	28≈15	W30

Day	0	D	ğ	ρ	♂	4	ħ	)Å(	并	Р	& C	Ç	ķ
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl de	cl decl	decl lat
T 1	4n19	13n47 1s20	9n31 3n1	5 12s17 On 4	17 s31 1n28	16n39 1n 2	15 s41 0 s49	19n57 0s10	1 s42 1n29	0n36 15s44	9n59 10n	29 16n45	6 s 4 9 6 n 5
W 2	4 43	10 29 0 10	9 8 3	8 11 58 0s 1	17 32 1 27	16 40 1 2	15 40 0 50	19 58 0 10	1 41 1 29	0 36 15 44	9 59 10	30 16 47	6 48 6 5
T 3	5 6	6 33 1n 3	8 43 2 5	9 11 38 0 5	17 33 1 26	16 40 1 2	15 38 0 50	19 58 0 10	1 41 1 29	0 37 15 44	9 59 10	16 48	6 46 6 5
F 4	5 29	2 8 2 15	8 15 2 4	9 11 17 0 9	17 34 1 25	16 41 1 2	15 37 0 50	19 59 0 10	1 40 1 29	0 37 15 44	10 0 10	32 16 49	6 45 6 5
S 5	5 52	2 s30 3 20	7 45 2 3	8 10 57 0 13	17 35 1 24	16 41 1 1	15 35 0 50	19 59 0 10	1 39 1 29	0 38 15 44	10 2 10	16 50	6 44 6 6
S 6	6 14	7 4 4 13	7 14 2 2	5 10 36 0 17	17 35 1 23	16 42 1 1	15 34 0 50	20 0 0 10	1 39 1 29	0 39 15 43	10 4 10	16 51	6 42 6 6
M 7	6 37	11 16 4 50	6 42 2 1	1 10 14 0 21	17 35 1 21	16 42 1 1	15 32 0 50	20 1 0 10	1 38 1 29	0 39 15 43	10 6 10	35 16 52	6 41 6 6
T 8	7 0	14 46 5 7	6 11 1 5	7 9 53 0 25	17 36 1 20	16 42 1 1	15 31 0 50	20 1 0 10	1 37 1 29	0 40 15 43	10 8 10	37 16 53	6 40 6 6
W 9	7 22	17 18 5 4	5 39 1 4	1 9 31 0 29	17 36 1 19	16 42 1 1	15 30 0 51	20 2 0 10	1 37 1 29	0 40 15 43	10 10 10	88 16 54	6 38 6 7
T 10	7 44	18 42 4 42	5 8 1 2	5 9 8 0 32	17 36 1 17	16 42 1 1	15 28 0 51	20 2 0 10	1 36 1 29	0 41 15 43	10 12 10	39 16 55	6 37 6 7
F 11	8 7	18 52 4 3	4 39 1	9 8 46 0 36	17 35 1 16	16 43 1 1	15 27 0 51	20 3 0 10	1 36 1 29	0 41 15 43	10 13 10	10 16 56	6 36 6 7
S 12	8 29	17 53 3 10	4 11 0 5	8 23 0 40	17 35 1 14	16 43 1 1	15 25 0 51	20 4 0 10	1 35 1 29	0 41 15 42	10 13 10	11 16 57	6 35 6 7
S 13	8 51	15 52 2 7	3 45 0 3	6 8 0 0 43	17 35 1 13	16 42 1 1	15 24 0 51	20 4 0 9	1 34 1 29	0 42 15 42	10 12 10	12 16 58	6 33 6 8
M14	9 12	13 1 0 58	3 21 0 2	0 7 36 0 46	17 34 1 11	16 42 1 1	15 23 0 51	20 5 0 9	1 34 1 29	0 42 15 42	10 12 10	13 16 59	6 32 6 8
T 15	9 34	9 33 0s12	2 59 0	4 7 13 0 50	17 33 1 10	16 42 1 1	15 22 0 51	20 5 0 9	1 33 1 29	0 43 15 42	10 12 10	14 17 0	6 31 6 8
W16	9 55	5 42 1 21	2 40 0s1	2 6 49 0 53	17 32 1 8	16 42 1 0	15 20 0 52	20 6 0 9	1 32 1 29	0 43 15 42	10 12 10	16 17 1	6 30 6 8
T 17	10 17	1 38 2 24	2 23 0 2	7 6 25 0 56	17 31 1 6	16 42 1 0	15 19 0 52	20 7 0 9	1 32 1 29	0 44 15 42	10 14 10	17 17 3	6 29 6 9
F 18	10 38	2n26 3 19	2 9 0 4	1 6 0 0 59	17 30 1 4	16 41 1 0	15 18 0 52	20 7 0 9	1 31 1 29	0 44 15 42	10 16 10	18 17 4	6 27 6 9
S 19	10 59	6 21 4 4	1 57 0 5	5 36 1 2	17 28 1 2	16 41 1 0	15 17 0 52	20 8 0 9	1 31 1 29	0 45 15 42	10 19 10	19 17 5	6 26 6 9
S 20	11 20	9 57 4 37	1 49 1	8 5 11 1 5	17 27 1 0	16 41 1 0	15 16 0 52	20 9 0 9	1 30 1 29	0 45 15 42	10 22 10	50 17 6	6 25 6 10
M21	11 40	13 7 4 57	1 42 1 2	1 4 46 1 8	17 25 0 58	16 40 1 0	15 14 0 52	20 9 0 9	1 29 1 29	0 46 15 41	10 26 10	51 17 7	6 24 6 10
T 22	12 1	15 41 5 4	1 39 1 3	2 4 21 1 11	17 23 0 56	16 39 1 0	15 13 0 52	20 10 0 9	1 29 1 29	0 46 15 41	10 30 10	52 17 8	6 23 6 10
W23	12 21	17 36 4 57	1 37 1 4	3 56 1 13	17 21 0 54	16 39 1 0	15 12 0 53	20 11 0 9	1 28 1 29	0 47 15 41	10 34 10	54 17 9	6 22 6 11
T 24	12 41	18 44 4 38	1 39 1 5	4 3 30 1 16	17 19 0 52	16 38 1 0	15 11 0 53	20 11 0 9	1 28 1 29	0 47 15 41	10 37 10	55 17 10	6 21 6 11
F 25	13 1	19 4 4 7	1 42 2	3 3 5 1 18	17 17 0 50	16 37 1 0	15 10 0 53	20 12 0 9	1 27 1 29	0 48 15 41	10 39 10	66 17 11	6 19 6 11
S 26	13 20	18 32 3 25	1 48 2 1	2 2 39 1 21	17 15 0 48	16 37 0 59	15 9 0 53	20 13 0 9	1 27 1 29	0 48 15 41	10 40 10	57 17 12	6 18 6 11
S 27	13 39	17 10 2 33	1 56 2 2	0 2 13 1 23	17 12 0 46	16 36 0 59	15 8 0 53	20 13 0 9	1 26 1 29	0 48 15 41	10 40 10	58 17 13	6 17 6 12
M28	13 59	14 58 1 33	2 6 2 2	7 1 47 1 25	17 9 0 43	16 35 0 59	15 7 0 53	20 14 0 9	1 26 1 29	0 49 15 41		59 17 14	6 16 6 12
T 29	14 17		2 18 2 3	4 1 21 1 27	17 7 0 41	16 34 0 59	15 6 0 54	20 15 0 9	1 25 1 29	0 49 15 41	10 40 11	0 17 15	6 15 6 12
W30	14n36	8n22 0n43	2n32 2s4	0 0s55 1s29	17 s 4 0n39	16n33 0n59	15 s 5 0 s 5 4	20n15 0s 9	1 s25 1n29	0n50 15 s41	10n40 11n	1 17n16	6s14 6n13

Julian Day Number = 2491811.5, Delta T = 98.14 sec Ecliptic obliquity = 23°25'22, Nutation = -0°00'08, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 26°16'50, Lahiri = 25°23'51

MAY 2110 00:00 UT

Day	Sid.t	0	D	ğ	Q.	ď	4	ħ	)Å(	#	В	₽.	v	Ç	Ŗ	Day
T 1	14 34 23	10 <b>岁</b> 19'49	23 m/50	13 <b>Y</b> 31	2 <b>Υ</b> 19	19°R29	17 <b>Ω</b> 27	21≈49	1Д22	6°R58	13819	2°R12	1 m/ 12	12 <b>Ц</b> 33	28≈17	T 1
F 2	14 38 20	11°18'06	7 <b>≙</b> 50	14°27	3°29	19 <b>M</b> 9	17°30	21°52	1°25	6 <b>≏</b> 57	13°21	2 m) 8	1° 8	12°40	28°19	F 2
S 3	14 42 16	12°16'21	22°19	15°27	4°40	18°49	17°34	21°55	1°29	6°56	13°22	2° 1	1° 5	12°47	28°21	S 3
S 4	14 46 13	13°14'34	7 <b>M</b> ₊10	16°29	5°51	18°28	17°37	21°58	1°32	6°54	13°23	1°52	1° 2	12°53	28°23	S 4
M 5	14 50 10	14°12'46	22°16	17°34	7° 2	18° 6	17°41	22° 0	1°35	6°53	13°25	1°42	0°59	13° 0	28°24	M 5
T 6	14 54 6	15°10'55	7 <b>.₹</b> 27	18°42	8°13	17°45	17°45	22° 3	1°39	6°52	13°26	1°32	0°56	13° 7	28°26	T 6
W 7	14 58 3	16° 9'04	22°33	19°52	9°24	17°23	17°49	22° 6	1°42	6°51	13°28	1°23	0°53	13°14	28°28	W 7
T 8	15 1 59	17° 7'10	7 <b>云</b> 23	21° 5	10°34	17° 2	17°54	22° 8	1°46	6°49	13°29	1°16	0°49	13°20	28°29	T 8
F 9	15 5 56	18° 5'16	21°52	22°20	11°45	16°40	17°58	22°11	1°49	6°48	13°30	1°11	0°46	13°27	28°31	F 9
S 10	15 9 52	19° 3'20	5≈56	23°38	12°57	16°18	18° 3	22°13	1°52	6°47	13°32	1° 9	0°43	13°34	28°32	S 10
S 11	15 13 49	20° 1'22	19°36	24°58	14° 8	15°56	18° 8	22°15	1°56	6°46	13°33	1°D 9	0°40	13°40	28°34	S 11
M12	15 17 45	20°59'23	2 <b></b> ₩53	26°20	15°19	15°33	18°13	22°17	1°59	6°45	13°34	1°R 9	0°37	13°47	28°35	M12
T 13	15 21 42	21°57'23	15°50	27°45	16°30	15°11	18°18	22°19	2° 3	6°44	13°36	1° 8	0°33	13°54	28°36	T 13
W14	15 25 39	22°55'22	28°30	29°11	17°41	14°50	18°23	22°21	2° 6	6°43	13°37	1° 6	0°30	14° 1	28°38	W14
T 15	15 29 35	23°53'19	10 <b>Y</b> 58	0840	18°52	14°28	18°29	22°23	2°10	6°42	13°38	1° 1	0°27	14° 7	28°39	T 15
F 16	15 33 32	24°51'15	23°15	2°11	20° 4	14° 6	18°34	22°25	2°13	6°41	13°40	0°53	0°24	14°14	28°40	F 16
S 17	15 37 28	25°49'09	5 <b>8</b> 23	3°45	21°15	13°45	18°40	22°26	2°17	6°40	13°41	0°42	0°21	14°21	28°41	S 17
S 18	15 41 25	26°47'02	17°26	5°20	22°26	13°24	18°46	22°28	2°20	6°39	13°42	0°29	0°18	14°28	28°42	S 18
M19	15 45 21	27°44'54	29°24	6°57	23°38	13° 4	18°52	22°29	2°24	6°38	13°44	0°15	0°14	14°34	28°43	M19
T 20	15 49 18	28°42'44	11 <b>I</b> I17	8°37	24°49	12°43	18°58	22°31	2°27	6°37	13°45	0° 1	0°11	14°41	28°44	T 20
W21	15 53 14	29°40'33	23° 9	10°19	26° 0	12°23	19° 4	22°32	2°31	6°36	13°46	29 <b>Ω</b> 48	0° 8	14°48	28°45	W21
T 22	15 57 11	0∏38'20	49559	12° 3	27°12	12° 4	19°11	22°33	2°34	6°35	13°48	29°37	0° 5	14°54	28°46	T 22
F 23	16 1 8	1°36'06	16°52	13°49	28°23	11°45	19°17	22°34	2°38	6°35	13°49	29°29	0° 2	15° 1	28°46	F 23
S 24	16 5 4	2°33'51	28°49	15°37	29°35	11°27	19°24	22°35	2°41	6°34	13°50	29°24	29 <b>Ω</b> 58	15° 8	28°47	S 24
S 25	16 9 1	3°31'33	10 <b>Ω</b> 55	17°27	0 <b>8</b> 46	11° 9	19°31	22°36	2°45	6°33	13°52	29°21	29°55	15°15	28°47	S 25
M26	16 12 57	4°29'14	23°14	19°19	1°58	10°52	19°38	22°37	2°48	6°32	13°53	29°20	29°52	15°21	28°48	M26
T 27	16 16 54	5°26'54	5 <b>m</b> 51	21°14	3°10	10°35	19°45	22°38	2°52	6°32	13°54	29°20	29°49	15°28	28°48	T 27
W28	16 20 50	6°24'32	18°51	23°10	4°21	10°19	19°53	22°38	2°55	6°31	13°55	29°20	29°46	15°35	28°49	W28
T 29	16 24 47	7°22'09	2 <b>≏</b> 17	25° 9	5°33	10° 4	20° 0	22°39	2°59	6°30	13°57	29°18	29°43	15°41	28°49	T 29
F 30	16 28 43	8°19'44	16°12	27° 9	6°45	9°50	20° 7	22°39	3° 2	6°30	13°58	29°14	29°39	15°48	28°49	F 30
S 31	16 32 40	9 <b>Ⅱ</b> 17'17	0 <b>™</b> 37	29812	7 <b>8</b> 56	9 <b>M</b> .36	20 <b>Ω</b> 15	22≈39	3 <b>I</b> 6	6 <b>₽</b> 29	13 <b>8</b> 59	29€ 8	29 <b>N</b> 36	15 <b>Ⅱ</b> 55	28≈50	S 31

Day	0	D	ğ	Q	ď	4	ħ	)Å(	¥	В	y (	ð Č	ę,
	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 F 2 S 3	14n54 15 13 15 31	4n10 1n52 0s24 2 57 5 5 3 53	3 6 2 49	9 0 2 1 33 10	58 0 34	16n32 0n59 16 31 0 59 16 30 0 59	15 4 0 54	20n16 0s 9 20 17 0 9 20 17 0 9	1 24 1 29	0n50 15 s41 0 51 15 41 0 51 15 41	10 42 11	3 17n17 4 17 18 5 17 19	6s13 6n13 6 12 6 13 6 11 6 14
S 4 M 5 T 6 W 7 T 8	16 23 16 40 16 56	9 34 4 34 13 32 4 58 16 36 5 0 18 32 4 42 19 9 4 4	4 8 2 58 4 32 3 0 4 58 3 1 5 25 3 2	8 1 17 1 38 10 0 1 44 1 39 10 1 2 10 1 41 10 2 2 37 1 42 10	0 26 0 44 0 23 0 41 0 21 0 37 0 18	16 23 0 58	15 1 0 54 15 1 0 55 15 0 0 55 14 59 0 55	20 18 0 9 20 19 0 9 20 20 0 9 20 20 0 9 20 21 0 9	1 22 1 29 1 22 1 29 1 21 1 29 1 21 1 29	0 51 15 41 0 52 15 41 0 52 15 41 0 53 15 41 0 53 15 41	10 52 11 10 55 11 10 59 11 11 1 11	6 17 20 7 17 21 8 17 22 9 17 23 10 17 24	6 9 6 14 6 9 6 15 6 8 6 15 6 7 6 15
F 9 S 10 S 11	17 12 17 28			1 3 30 1 45 10	30 0 13	16 20 0 58	14 58 0 55	20 22 0 9 20 22 0 9 20 23 0 9	1 20 1 29	0 53 15 41 0 54 15 41 0 54 15 41	11 3 11	12 17 25 13 17 26 14 17 27	6 6 6 16 6 5 6 16 6 4 6 17
M12 T 13 W14 T 15 F 16 S 17		10 35 0s 9 6 46 1 17 2 43 2 19 1n22 3 14 5 20 3 58 9 2 4 31	7 24 2 57 7 57 2 55 8 30 2 51 9 5 2 48 9 40 2 43	7 4 23 1 46 16 5 4 50 1 47 16 1 5 16 1 48 16 8 5 43 1 49 16 3 6 9 1 49 16	5 22 0 7 5 19 0 5 5 15 0 2 5 11 0s 1 5 7 0 4	16 17 0 58 16 15 0 58 16 13 0 58 16 11 0 58 16 10 0 57	14 57 0 56 14 57 0 56 14 56 0 56 14 56 0 56 14 55 0 56	20 24 0 9 20 24 0 9 20 25 0 9 20 26 0 9 20 27 0 9 20 27 0 9	1 19 1 29 1 19 1 29 1 18 1 29 1 18 1 29 1 18 1 29		11 4 11 11 4 11 11 5 11 11 6 11 11 9 11	15 17 28 16 17 29 17 17 30 18 17 31 19 17 32	6 4 6 17 6 3 6 17 6 2 6 18 6 1 6 18 6 1 6 18 6 0 6 19
S 18 M19 T 20 W21 T 22 F 23 S 24	19 52	15 8 4 59 17 16 4 54 18 40 4 36 19 15 4 5 18 59 3 24	12 8 2 21 12 47 2 14 13 26 2 6	7 7 27 1 51 1: 1 7 53 1 51 1: 4 8 19 1 51 1: 6 8 44 1 51 1: 9 9 10 1 51 1:	56 0 12 53 0 15 49 0 17 46 0 20 43 0 23	16 4 0 57 16 2 0 57 16 0 0 57 15 58 0 57 15 56 0 57	14 54 0 57 14 54 0 57 14 54 0 57 14 53 0 57 14 53 0 58	20 28 0 9 20 29 0 9 20 29 0 9 20 30 0 9 20 31 0 9 20 31 0 9 20 32 0 9	1 17 1 29 1 16 1 28 1 16 1 28 1 16 1 28 1 15 1 28	0 56 15 41 0 57 15 41 0 57 15 41 0 57 15 41 0 58 15 41 0 58 15 41 0 58 15 41	11 22 11 11 27 11 11 32 11 11 36 11 11 39 11	23 17 35 24 17 36 25 17 37 26 17 37 27 17 38	5 58 6 19 5 58 6 20 5 57 6 20 5 57 6 21 5 56 6 21
T 29 F 30	20 51 21 1 21 12 21 22 21 31 21 41 21n50	13 15 0 32 9 54 0n34 5 58 1 41 1 37 2 45 2 s 58 3 41	16 4 1 33 16 43 1 23 17 22 1 14 18 1 1 4 18 39 0 53	3 10 25 1 51 1; 3 10 50 1 50 1; 4 11 14 1 50 1; 4 11 38 1 49 1;	34 0 31 31 0 33 28 0 36 26 0 38 24 0 41	15 49 0 57 15 46 0 56 15 44 0 56 15 42 0 56 15 39 0 56	14 53 0 58 14 53 0 58 14 53 0 58 14 53 0 59 14 53 0 59	20 33 0 9 20 33 0 9 20 34 0 9 20 35 0 9 20 36 0 9 20 36 0 9 20 37 0s 9	1 15 1 28 1 14 1 28 1 14 1 28 1 14 1 28 1 14 1 28		11 42 11 11 42 11 11 42 11 11 43 11 11 44 11	31 17 41 32 17 42 33 17 43 34 17 44 35 17 45	5 54 6 22 5 54 6 22 5 53 6 23 5 53 6 23 5 53 6 23

Julian Day Number = 2491841.5, Delta T = 98.18 sec Ecliptic obliquity =  $23^{\circ}25'22$ , Nutation = -  $0^{\circ}00'10$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $26^{\circ}16'54$ , Lahiri =  $25^{\circ}23'55$ 

JUNE 2110 00:00 UT

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Day	Sid.t	0	D	ğ	φ	♂	4	ħ	)f(	并	В	S.	Ω	Ç	ę,	Day
S 1	16 36 37	10 <b>Ⅱ</b> 14'50	15 <b>M</b> 29	1 <b>I</b> I16	9 <b>8</b> 8	9°R23	20 <b>Ω</b> 23	22≈40	3 <b>П</b> 9	6°R29	14 <b>8</b> 0	28°R59	29€33	16 <b>I</b> I 2	28≈50	S 1
M 2	16 40 33	11°12'21	0 <b>∡</b> 39	3°21	10°20	9 <b>™</b> 10	20°31	22°R40	3°13	6 <b>₽</b> 28	14° 2	28 <b>Ω</b> 49	29°30	16° 8	28°50	M 2
T 3	16 44 30	12° 9'51	15°59	5°29	11°31	8°59	20°39	22°40	3°16	6°28	14° 3	28°38	29°27	16°15	28°R50	T 3
W 4	16 48 26	13° 7'20	1 <b>ਰ</b> 16	7°37	12°43	8°48	20°47	22°40	3°20	6°27	14° 4	28°29	29°24	16°22	28°50	W 4
T 5	16 52 23	14° 4'48	16°20	9°47	13°55	8°38	20°55	22°39	3°23	6°27	14° 5	28°22	29°20	16°28	28°50	T 5
F 6	16 56 19	15° 2'16	1≈ 2	11°58	15° 7	8°29	21° 4	22°39	3°27	6°26	14° 7	28°17	29°17	16°35	28°49	F 6
S 7	17 0 16	15°59'42	15°18	14°10	16°19	8°20	21°12	22°39	3°30	6°26	14° 8	28°14	29°14	16°42	28°49	S 7
S 8	17 4 12	16°57'08	29° 6	16°22	17°31	8°13	21°21	22°38	3°33	6°26	14° 9	28°D14	29°11	16°49	28°49	S 8
M 9	17 8 9	17°54'33	12 <b>米</b> 26	18°34	18°43	8° 6	21°29	22°38	3°37	6°25	14°10	28°R14	29° 8	16°55	28°48	M 9
T 10	17 12 6	18°51'58	25°23	20°46	19°55	8° 0	21°38	22°37	3°40	6°25	14°11	28°14	29° 4	17° 2	28°48	T 10
W11	17 16 2	19°49'22	8 <b>Y</b> 0	22°57	21° 7	7°55	21°47	22°36	3°44	6°25	14°12	28°13	29° 1	17° 9	28°48	W11
T 12	17 19 59	20°46'45	20°21	25° 8	22°19	7°51	21°56	22°35	3°47	6°25	14°14	28° 9	28°58	17°15	28°47	T 12
F 13	17 23 55	21°44'08	2 <b>8</b> 31	27°19	23°31	7°47	22° 5	22°34	3°50	6°25	14°15	28° 3	28°55	17°22	28°46	F 13
S 14	17 27 52	22°41'30	14°32	29°28	24°43	7°44	22°15	22°33	3°54	6°24	14°16	27°54	28°52	17°29	28°46	S 14
S 15	17 31 48	23°38'52	26°28	19535	25°55	7°42	22°24	22°32	3°57	6°24	14°17	27°44	28°49	17°36	28°45	S 15
M16	17 35 45	24°36'13	8 <b>Ⅲ</b> 21	3°42	27° 7	7°41	22°33	22°31	4° 1	6°24	14°18	27°32	28°45	17°42	28°44	M16
T 17	17 39 41	25°33'34	20°12	5°46	28°19	7°D41	22°43	22°29	4° 4	6°24	14°19	27°20	28°42	17°49	28°43	T 17
W18	17 43 38	26°30'54	295 4	7°49	29°32	7°42	22°53	22°28	4° 7	6°D24	14°20	27° 9	28°39	17°56	28°42	W18
T 19	17 47 35	27°28'13	13°57	9°50	0∏44	7°43	23° 2	22°26	4°10	6°24	14°21	27° 0	28°36	18° 2	28°41	T 19
F 20	17 51 31	28°25'32	25°55	11°48	1°56	7°45	23°12	22°25	4°14	6°24	14°22	26°54	28°33	18° 9	28°40	F 20
S 21	17 55 28	29°22'50	7 <b>Ω</b> 58	13°45	3° 8	7°48	23°22	22°23	4°17	6°24	14°23	26°49	28°30	18°16	28°39	S 21
S 22	17 59 24	09520'08	20° 9	15°39	4°21	7°52	23°32	22°21	4°20	6°25	14°24	26°48	28°26	18°23	28°38	S 22
M23	18 3 21	1°17'24	2 Mp 33	17°32	5°33	7°57	23°42	22°19	4°23	6°25	14°25	26°D48	28°23	18°29	28°37	M23
T 24	18 7 17	2°14'40	15°12	19°22	6°45	8° 2	23°53	22°17	4°27	6°25	14°26	26°48	28°20	18°36	28°36	T 24
W25	18 11 14	3°11'55	28°10	21° 9	7°58	8° 8	24° 3	22°15	4°30	6°25	14°27	26°R49	28°17	18°43	28°34	W25
T 26	18 15 10	4° 9'10	11 <b>≏</b> 32	22°55	9°10	8°15	24°13	22°13	4°33	6°25	14°28	26°49	28°14	18°49	28°33	T 26
F 27	18 19 7	5° 6'24	25°20	24°38	10°22	8°22	24°24	22°11	4°36	6°26	14°29	26°47	28°10	18°56	28°32	F 27
S 28	18 23 4	6° 3'37	9 <b>M</b> .35	26°19	11°35	8°31	24°34	22° 9	4°39	6°26	14°30	26°43	28° 7	19° 3	28°30	S 28
S 29	18 27 0	7° 0'50	24°14	27°57	12°47	8°40	24°45	22° 6	4°42	6°26	14°31	26°38	28° 4	19°10	28°29	S 29
M30	18 30 57	7958'02	9 <b>√</b> 14	29934	14 <b>II</b> 0	8 <b>M</b> .49	$24\Omega 55$	22≈ 4	4∏45	6 <b>≏</b> 27	14 <b>8</b> 32	$26\Omega 31$	$28\Omega$ 1	19 <b>Ⅱ</b> 16	28≈27	M30

Day	0	J	)	ζ	5	·		ď	7	2	4	ŧ	i	)	<del>j</del> (	j	ŧ,	Р		Ŋ	v	ţ	ď	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl la	ıt	decl	decl	decl	decl	lat
S 1	21n58	11 s47	4n53	19n52	0s32	12n50	1 s48	15 s20	0 s46	15n34	0n56	14 s 5 3	0s59	20n38	0s 9	1 s13	1n28	1n 0 1	5 s42	11n49	11n37	17n47	5 s 5 2	6n24
M 2	22 6	15 22		20 28	0 21	13 13	1 47	15 18	0 48	15 32	0 56	14 53	0 59	20 38	0 9	1 13	1 28	1 1 1	5 42	11 53	11 38	17 48	5 51	6 25
T 3	22 14	17 55	4 48	21 2	0 11	13 36	1 46	15 17	0 50	15 29	0 56	14 53	0 59	20 39	0 9	1 13	1 28	1 1 1	5 42	11 56	11 40	17 49	5 51	6 25
W 4	22 21	19 11	4 14	21 34	0 0	13 59	1 45	15 15	0 53	15 26	0 56	14 53	1 0	20 40	0 9	1 13	1 28	1 1 1:	5 42	12 0	11 41	17 50	5 51	6 25
T 5	22 28	19 4	3 23	22 5	0n11	14 21	1 44	15 14	0 55	15 24	0 56	14 54	1 0	20 40	0 9	1 13	1 28		5 43		11 42	17 51	5 50	6 26
F 6		17 39	2 19		0 21	14 43				15 21	0 56	-	1 0	-	0 9		1 28		5 43		11 43		5 50	6 26
S 7	22 41	15 9	1 8	23 0	0 31	15 5	1 42	15 13	0 59	15 18	0 56	14 54	1 0	20 42	0 9	1 13	1 28	1 2 1	5 43	12 5	11 44	17 52	5 50	6 26
S 8	22 47	11 51	0s 5	23 24	0 41	15 26	1 41	15 12	1 1	15 15	0 56	14 55	1 0	20 42	0 9	1 12	1 28	1 2 1	5 43	12 5	11 45	17 53	5 50	6 27
M 9	22 52	8 2	-	23 46	0 51	15 47	1 39	15 12		15 12	0 55	14 55	1 0	20 43	0 9	1 12	1 28		5 43	-	11 46	17 54	5 49	6 27
1	22 57	3 57	2 19	24 6	1 0	-		15 12		15 9		14 55		20 44		1 12	1 28		5 43			17 55	5 49	6 27
	23 2	0n11	3 15	24 22	1 8	16 28		15 12		15 6		14 56	1 1	20 44		1 12	1 28		5 44			17 56	5 49	6 28
	23 6	4 14	4 0	24 36	1 16	16 48				15 3			1 1	20 45		1 12	-		5 44		11 49	17 57	5 49	6 28
1	23 10	8 3		24 47	1 24				1 11					20 45			-		5 44			17 58	5 49	6 28
S 14	23 13	11 30	4 55	24 56	1 30	17 27	1 32	15 14	1 13	14 57	0 55	14 57	1 1	20 46	0 9	1 12	1 28	1 3 1	5 44	12 12	11 52	17 59	5 49	6 29
S 15				25 1	1 36	17 45	1 30	15 15		14 54				20 47	0 9	1 12	1 27		-	12 15			5 49	6 29
M16	23 19			-	1 42	18 4	-			14 51	0 55			20 47	0 9	1 12	1 27	-	-	12 19			5 49	6 29
T 17		18 25	4 39		1 46	18 21		15 18		14 48							1 27			12 23			5 49	6 30
	23 23			25 2	1 50	18 39		15 20		14 45										12 27			5 49	6 30
	23 24			24 57	1 53			15 22		14 41	0 55									12 30			5 49	6 30
	23 25			24 49	1 56					14 38										12 32			5 49	6 31
S 21	23 25	16 40	1 39	24 40	1 57	19 28	1 20	15 27	1 25	14 35	0 55	15 2	1 3	20 50	0 9	1 12	1 27	1 3 1	5 45	12 34	11 59	18 5	5 49	6 31
S 22	23 25	14 12	0 36	24 28	1 58	19 44	1 18	15 30	1 27	14 31	0 55	15 2	1 3	20 51	0 9	1 13	1 27	1 4 1	5 46	12 34	12 1	18 6	5 49	6 31
M23	23 25	11 2	0n31	24 14	1 58	19 58	1 16	15 32	1 28	14 28	0 55	15 3	1 3	20 52	0 9	1 13	1 27	1 4 1	5 46	12 34	12 2	18 6	5 49	6 32
T 24	23 24	7 19	1 37	23 58	1 58	20 13	1 14	15 36	1 30	14 25	0 55	-	1 3	20 52	0 9	1 13	1 27		-	12 34		18 7	5 49	6 32
W25	23 23	3 11	2 40	23 41	1 56	20 27	1 11	15 39	1 31	14 21	0 54	15 5	1 3	20 53	0 9	1 13	1 27	1 4 1	5 46	12 34	12 4	18 8	5 49	6 32
1	23 21	1 s 1 4		23 22		20 40		15 42	1 33		0 54		1 3			1 13	1 27			12 34			5 49	6 33
F 27	23 19	5 43	4 23	23 1	1 52	20 53		15 46	1 34	14 14	0 54	15 7	1 4	20 54	0 9	1 13	1 27	1 4 1	5 47	12 35	12 6	18 10	5 50	6 33
S 28	23 17	10 1	4 54	22 39	1 49	21 5	1 5	15 50	1 35	14 11	0 54	15 7	1 4	20 55	0 9	1 13	1 27	1 4 1	5 47	12 36	12 7	18 11	5 50	6 33
S 29	23 14	13 51	5 7	22 16	1 45	21 17	1 3	15 54	1 37	14 7	0 54	15 8	1 4	20 55	0 9	1 13	1 27	1 4 1	5 47	12 38	12 8	18 12	5 50	6 34
M30	23n11	16 s 5 3	5n 0	21n51	1n40	21n28	1 s 0	15 s59	1 s38	14n 3	0n54	15s 9	1 s 4	20n56	0s 9	1 s14	1n27	1n 4 1	5 s47	12n40	12n 9	18n12	5 s 5 0	6n34

 $\label{eq:Julian Day Number = 2491872.5, Delta T = 98.22 sec} \\ Ecliptic obliquity = 23°25'21, Nutation = -0°00'10, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 26°16'59, Lahiri = 25°23'59 \\$ 

JULY 2110 00:00 UT

Day	Sid.t	0	J	ğ	φ	ď	4	ħ	)f(	¥	Р	ß	Ω	Ç	Š,	Day
T 1	18 34 53	8955'14	24 <b>×</b> <sup>7</sup> 25	1 <b>0</b> 8	15 <b>Ⅱ</b> 12	9 <b>™</b> 0	25 <b>N</b> 6	22°R 1	4 <b>Ⅱ</b> 49	6 <b>₽</b> 27	14833	26°R24	27 <b>Ω</b> 58	19 <b>Ⅲ</b> 23	28°R25	T 1
W 2	18 38 50	9°52'26	9 <b>云</b> 38	2°39	16°25	9°11	25°17	21≈58	4°52	6°28	14°34	26Ω18	27°55	19°30	28 <b>≈</b> 24	W 2
T 3	18 42 46	10°49'38	24°43	4° 9	17°37	9°22	25°28	21°56	4°55	6°28	14°34	26°13	27°51	19°36	28°22	T 3
F 4	18 46 43	11°46'49	9≈29	5°36	18°50	9°35	25°39	21°53	4°58	6°29	14°35	26°10	27°48	19°43	28°20	F 4
S 5	18 50 39	12°44'01	23°52	7° 0	20° 3	9°48	25°50	21°50	5° 0	6°29	14°36	26°D 9	27°45	19°50	28°18	S 5
S 6	18 54 36	13°41'12	7 <b>){</b> 47	8°22	21°15	10° 1	26° 1	21°47	5° 3	6°30	14°37	26° 9	27°42	19°57	28°16	S 6
M 7	18 58 33	14°38'24	21°15	9°42	22°28	10°15	26°12	21°44	5° 6	6°30	14°38	26°11	27°39	20° 3	28°14	M 7
T 8	19 2 29	15°35'36	<b>4</b> Υ17	10°59	23°41	10°30	26°24	21°41	5° 9	6°31	14°38	26°12	27°36	20°10	28°12	T 8
W 9	19 6 26	16°32'48	16°57	12°14	24°53	10°45	26°35	21°38	5°12	6°32	14°39	26°R12	27°32	20°17	28°10	W 9
T 10	19 10 22	17°30'01	29°18	13°25	26° 6	11° 1	26°46	21°34	5°15	6°32	14°40	26°12	27°29	20°23	28° 8	T 10
F 11	19 14 19	18°27'14	11826	14°35	27°19	11°18	26°58	21°31	5°18	6°33	14°41	26° 9	27°26	20°30	28° 6	F 11
S 12	19 18 15	19°24'27	23°25	15°41	28°32	11°35	27° 9	21°28	5°20	6°34	14°41	26° 5	27°23	20°37	28° 4	S 12
S 13	19 22 12	20°21'41	5 <b>Ⅱ</b> 18	16°45	29°45	11°53	27°21	21°24	5°23	6°35	14°42	26° 0	27°20	20°44	28° 2	S 13
M14	19 26 8	21°18'55	17° 9	17°46	0957	12°11	27°33	21°21	5°26	6°35	14°43	25°54	27°16	20°50	27°59	M14
T 15	19 30 5	22°16'10	29° 1	18°44	2°10	12°30	27°44	21°17	5°28	6°36	14°43	25°48	27°13	20°57	27°57	T 15
W16	19 34 2	23°13'24	109556	19°38	3°23	12°49	27°56	21°13	5°31	6°37	14°44	25°42	27°10	21° 4	27°55	W16
T 17	19 37 58	24°10'40	22°55	20°30	4°36	13° 9	28° 8	21°10	5°34	6°38	14°44	25°38	27° 7	21°10	27°52	T 17
F 18	19 41 55	25° 7'55	5 <b>Ω</b> 1	21°17	5°49	13°29	28°20	21° 6	5°36	6°39	14°45	25°35	27° 4	21°17	27°50	F 18
S 19	19 45 51	26° 5'11	17°15	22° 2	7° 2	13°50	28°32	21° 2	5°39	6°40	14°46	25°33	27° 1	21°24	27°47	S 19
S 20	19 49 48	27° 2'27	29°39	22°43	8°15	14°11	28°44	20°58	5°41	6°41	14°46	25°D33	26°57	21°31	27°45	S 20
M21	19 53 44	27°59'44	12 <b>M</b> 15	23°20	9°28	14°33	28°56	20°54	5°44	6°42	14°47	25°34	26°54	21°37	27°42	M21
T 22	19 57 41	28°57'00	25° 5	23°53	10°42	14°55	29° 8	20°50	5°46	6°43	14°47	25°35	26°51	21°44	27°40	T 22
W23	20 1 37	29°54'17	8 <b>亞</b> 11	24°22	11°55	15°18	29°20	20°46	5°48	6°44	14°48	25°37	26°48	21°51	27°37	W23
T 24	20 5 34	0 <b>Ω</b> 51'34	21°36	24°46	13° 8	15°41	29°32	20°42	5°51	6°45	14°48	25°38	26°45	21°57	27°35	T 24
F 25	20 9 31	1°48'51	5 <b>M</b> ₂0	25° 7	14°21	16° 5	29°44	20°38	5°53	6°46	14°48	25°R38	26°42	22° 4	27°32	F 25
S 26	20 13 27	2°46'09	19°25	25°22	15°34	16°29	29°57	20°34	5°55	6°48	14°49	25°37	26°38	22°11	27°29	S 26
S 27	20 17 24	3°43'27	3 <b>∡7</b> 49	25°33	16°48	16°54	0Mp 9	20°30	5°58	6°49	14°49	25°35	26°35	22°18	27°26	S 27
M28	20 21 20	4°40'45	1 <u>8</u> °30	25°39	18° 1	17°19	0°21	20°26	6° 0	6°50	14°50	25°33	26°32	22°24	27°24	M28
T 29	20 25 17	5°38'04	3 <b>ਰ</b> 21	25°R40	19°14	17°44	0°34	20°21	6° 2	6°51	14°50	25°30	26°29	22°31	27°21	T 29
W30	20 29 13	6°35'23	18°15	25°36	20°27	18°10	0°46	20°17	6° 4	6°53	14°50	25°28	26°26	22°38	27°18	W30
T 31	20 33 10	$7\Omega 32'43$	3 <b>≈</b> 5	25 <b>Ω</b> 27	219541	18 <b>M</b> .36	0 <b>m</b> ,58	20≈13	6 <b>I</b> I 6	6 <b>≏</b> 54	14 <b>8</b> 51	25 <b>Ω</b> 26	26 <b>Ω</b> 22	22 <b>∏</b> 44	27≈15	T 31

Day	0	D	Š	Į	φ	ď		4	ħ	<u> </u>	)į	β(	4		В	n	v	Ç	ķ	
	decl	decl lat	decl	lat de	l lat	decl lat	dec	lat	decl	lat	decl	lat	decl	lat	decl lat	decl	decl	decl	decl l	at
T 1 W 2 T 3	23n 7 23 3 22 59	19 21 3 4	2 21n26 4 21 0 2 20 33	1 29 21	8 0 56	16 8 1	39 14n ( 40 13 56 42 13 52	0 54	15 11	1 s 4 1 4 1 5		0 9	1 s14 1 14 1 14	1n27 1 27 1 27	1n 4 15 s48 1 4 15 48 1 4 15 48		12 11	18 14		6n34 6 34 6 35
F 4 S 5		16 26 1 2		1 16 22	7 0 51	16 18 1	43 13 49 44 13 49	0 54	15 13	1 5 1 5	20 58	0 9	1 15	1 27 1 27 1 27		12 47	12 14	18 16	5 52	6 35 6 35
S 6 M 7 T 8 W 9 T 10 F 11	22 43 22 37 22 31 22 24 22 17 22 9	5 29 2 1 1 14 3 1 2n56 4 6 53 4 3	3 19 8 2 18 38 2 18 9 1 17 39 7 17 9 1 16 39	0 52 22 2 0 43 22 2 0 33 22 4 0 24 22 4	9 0 43 5 0 41 1 0 38 6 0 36	16 34 1 16 39 1 16 45 1 16 51 1	45 13 43 46 13 33 47 13 33 48 13 29 49 13 20 50 13 23	7 0 54 8 0 54 9 0 54 6 0 54	15 17 15 18 15 19 15 20	1 5 1 5 1 5 1 5 1 6 1 6	21 0 21 1 21 1	0 9 0 9 0 9 0 9	-	1 27 1 27 1 27 1 26 1 26 1 26	1 4 15 49	12 47 12 47 12 46 12 47	12 17 12 18 12 19 12 20	18 18 18 19 18 20 18 21	5 52 5 53 5 53 5 54 5 54 5 55	6 36 6 36 6 36 6 37 6 37
S 12 S 13 M14 T 15 W16 T 17 F 18 S 19	22 1 21 53 21 44 21 35 21 26 21 16 21 6 20 55	16 8 5 18 0 4 5 19 5 4 2 19 19 3 4 42 2 4 17 13 1 5	0 14 42 0 14 13 9 13 45	0s 9 22 3 0 20 22 3 0 32 23 0 44 23	7 0 28 9 0 26 1 0 23 2 0 21 3 0 18	17 16 1 17 22 1 17 29 1 17 36 1 17 43 1	52 13 14	1 0 54 0 0 54 5 0 54 1 0 54 7 0 54 3 0 54	15 24 15 25 15 27 15 28 15 29	1 6 1 6 1 6 1 6 1 7 1 7	21 3 21 3 21 3 21 4 21 4	0 9 0 9 0 9 0 9 0 9	1 17 1 17 1 18 1 18 1 18 1 19 1 19 1 20	1 26 1 26 1 26 1 26 1 26 1 26 1 26 1 26	1 3 15 50 1 3 15 51 1 3 15 51 1 3 15 52 1 3 15 52 1 3 15 52 1 3 15 52 1 3 15 52	12 51 12 53 12 55 12 57 12 58 12 59	12 23 12 25 12 26 12 27 12 28 12 29	18 23 18 24 18 25 18 26 18 26	5 56 5 56 5 57 5 57 5 58 5 59	6 37 6 37 6 38 6 38 6 38 6 38 6 38
S 20 M21 T 22 W23 T 24 F 25 S 26		11 56 0n2 8 21 1 3 4 20 2 3 0 1 3 3 4 s22 4 2 8 39 4 5	3 12 25 0 12 1 5 11 37 3 11 15	1 36 23 1 49 22 2 2 3 22 2 2 16 22 2 2 30 22 4 2 44 22 4	0 0 10 7 0 8 4 0 5 1 0 2 7 0n 0 2 0 3	17 57 1 18 4 1 18 11 1	57 12 45 58 12 45 58 12 30 59 12 32 0 12 28 0 12 24 1 12 19	5 0 54 1 0 54 5 0 54 2 0 54 3 0 54 4 0 54	15 33 15 35 15 36 15 37 15 39 15 40	1 7 1 7 1 7 1 7 1 7 1 8	21 6 21 6 21 7 21 7 21 7 21 8	0 9 0 9 0 9 0 9 0 9	1 20 1 20 1 21 1 21 1 22 1 22 1 23	1 26 1 26 1 26 1 26 1 26 1 26 1 26	1 3 15 53 1 3 15 53 1 2 15 53 1 2 15 54	13 0 13 0 12 59 12 59 12 58 12 58	12 31 12 32 12 33 12 34 12 35 12 37	18 29 18 29 18 30 18 31 18 32 18 33	6 0 6 1 6 1 6 2 6 3 6 4	6 39 6 39 6 39 6 39 6 39 6 39 6 40
S 27 M28 T 29 W30 T 31	19 5 18 51 18 37	19 14 4	0 9 46 9 9 34 1 9 24	3 23 22 2 3 36 22 3 48 22	3 0 10 5 0 13 7 0 15		1 12 13 2 12 13 2 12 13 3 12 2 3 11n5	0 54 0 54 0 54 0 54	15 45 15 46	1 8 1 8	21 9 21 9 21 9 21 10 21n10	0 9 0 9 0 9	1 24 1 24	1 26 1 26 1 26 1 26 1 n26	1 1 15 56	13 0 13 1	12 40 12 41 12 42	18 35 18 36 18 36	6 7 6 8	6 40 6 40 6 40 6 40 6n40

Julian Day Number = 2491902.5, Delta T = 98.26 sec Ecliptic obliquity =  $23^{\circ}25'21$ , Nutation = -  $0^{\circ}00'09$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $26^{\circ}17'03$ , Lahiri =  $25^{\circ}24'03$ 

AUGUST 2110 00:00 UT

Audi	JJ. LII	.0													00.0	0 0.
Day	Sid.t	0	D	ğ	φ	ð	4	ħ	)f(	<del>,</del>	В	S.	Ω	Ç	ę,	Day
F 1	20 37 6	8 <b>Ω</b> 30'03	17≈42	25°R13	22954	19 <b>M</b> 2	1 mp 1 1	20°R 9	6 <b>I</b> 8	6 <b>₽</b> 55	14851	25°R25	26Ω19	22 <b>I</b> 51	27°R12	F 1
S 2	20 41 3	9°27'25	2 <b>∺</b> 0	24 <b>\O</b> 54	24° 8	19°29	1°23	20≈ 4	6°10	6°57	14°51	25°D25	26°16	22°58	27≈ 9	S 2
S 3	20 45 0	10°24'47	15°56	24°30	25°21	19°56	1°36	20° 0	6°12	6°58	14°51	25 <b>Ω</b> 26	26°13	23° 5	27° 7	S 3
M 4	20 48 56	11°22'10	29°27	24° 1	26°35	20°24	1°49	19°55	6°14	6°59	14°52	25°27	26°10	23°11	27° 4	M 4
T 5	20 52 53	12°19'34	12 <b>Y</b> 33	23°28	27°48	20°52	2° 1	19°51	6°16	7° 1	14°52	25°28	26° 7	23°18	27° 1	T 5
W 6	20 56 49	13°17'00	25°17	22°51	29° 2	21°20	2°14	19°47	6°18	7° 2	14°52	25°29	26° 3	23°25	26°58	W 6
T 7	21 0 46	14°14'26	7 <b>8</b> 42	22°10	$0\Omega15$	21°48	2°27	19°42	6°20	7° 4	14°52	25°30	26° 0	23°31	26°55	T 7
F 8	21 4 42	15°11'54	19°52	21°27	1°29	22°17	2°39	19°38	6°21	7° 5	14°52	25°R30	25°57	23°38	26°52	F 8
S 9	21 8 39	16° 9'23	1 <b>II</b> 51	20°41	2°42	22°47	2°52	19°33	6°23	7° 7	14°53	25°29	25°54	23°45	26°49	S 9
S 10	21 12 35	17° 6'54	13°45	19°54	3°56	23°16	3° 5	19°29	6°25	7° 8	14°53	25°29	25°51	23°51	26°46	S 10
M11	21 16 32	18° 4'26	25°36	19° 6	5°10	23°46	3°18	19°24	6°26	7°10	14°53	25°28	25°48	23°58	26°43	M11
T 12	21 20 29	19° 1'59	<b>793</b> 0	18°19	6°24	24°16	3°31	19°20	6°28	7°12	14°53	25°27	25°44	24° 5	26°39	T 12
W13	21 24 25	19°59'33	19°29	17°32	7°37	24°47	3°43	19°15	6°29	7°13	14°53	25°26	25°41	24°12	26°36	W13
T 14	21 28 22	20°57'09	1 <b>Q</b> 36	16°48	8°51	25°18	3°56	19°11	6°31	7°15	14°53	25°25	25°38	24°18	26°33	T 14
F 15	21 32 18	21°54'45	13°53	16° 7	10° 5	25°49	4° 9	19° 6	6°32	7°16	14°R53	25°25	25°35	24°25	26°30	F 15
S 16	21 36 15	22°52'23	26°22	15°29	11°19	26°21	4°22	19° 2	6°34	7°18	14°53	25°D25	25°32	24°32	26°27	S 16
S 17	21 40 11	23°50'02	9Mp 4	14°56	12°33	26°52	4°35	18°57	6°35	7°20	14°53	25°25	25°28	24°38	26°24	S 17
M18	21 44 8	24°47'43	22° 0	14°28	13°47	27°24	4°48	18°53	6°36	7°22	14°53	25°25	25°25	24°45	26°21	M18
T 19	21 48 4	25°45'24	5 <b>≏</b> 10	14° 7	15° 1	27°57	5° 1	18°48	6°38	7°23	14°53	25°R25	25°22	24°52	26°18	T 19
W20	21 52 1	26°43'06	18°33	13°51	16°15	28°29	5°14	18°44	6°39	7°25	14°53	25°25	25°19	24°59	26°15	W20
T 21	21 55 58	27°40'50	2 <b>M</b> .10	13°43	17°29	29° 2	5°27	18°39	6°40	7°27	14°53	25°25	25°16	25° 5	26°12	T 21
F 22	21 59 54	28°38'35	16° 0	13°D42	18°43	29°35	5°40	18°35	6°41	7°29	14°52	25°25	25°13	25°12	26° 9	F 22
S 23	22 3 51	29°36'20	0 <b>≯</b> 3	13°48	19°57	0 <b>才</b> 9	5°53	18°31	6°42	7°31	14°52	25°D25	25° 9	25°19	26° 5	S 23
S 24	22 7 47	0 <b>m</b> 34'07	14°16	14° 2	21°11	0°42	6° 6	18°26	6°43	7°32	14°52	25°25	25° 6	25°25	26° 2	S 24
M25	22 11 44	1°31'55	2 <u>8</u> °38	14°24	22°25	1°16	6°19	18°22	6°44	7°34	14°52	25°25	25° 3	25°32	25°59	M25
T 26	22 15 40	2°29'44	13 <b>る</b> 5	14°53	23°39	1°50	6°32	18°18	6°45	7°36	14°52	25°26	25° 0	25°39	25°56	T 26
W27	22 19 37	3°27'35	27°33	15°30	24°53	2°25	6°45	18°13	6°46	7°38	14°51	25°26	24°57	25°45	25°53	W27
T 28	22 23 33	4°25'26	11≈57	16°15	26° 7	2°59	6°58	18° 9	6°47	7°40	14°51	25°27	24°53	25°52	25°50	T 28
F 29	22 27 30	5°23'19	26°13	17° 6	27°21	3°34	7°11	18° 5	6°47	7°42	14°51	25°R27	24°50	25°59	25°47	F 29
S 30	22 31 27	6°21'14	10 <b>∺</b> 15	18° 5	28°36	4° 9	7°24	18° 1	6°48	7°44	14°51	25°27	24°47	26° 6	25°44	S 30
S 31	22 35 23	7 Mp 19'10	24 <b>光</b> 1	$19\Omega11$	29 <b>Q</b> 50	4 <b>₹</b> 44	7 <b>m</b> 37	17≈57	6 <b>Ⅱ</b> 49	7 <b>≙</b> 46	14850	25 <b>Ω</b> 26	24 <b>Ω</b> 44	26 <b>I</b> I2	25≈41	S 31

Day	0	D		Ϋ́	Ŷ		♂	2	+	ħ	l.	);	<del>l</del> (	卉		Р	R	v	ţ	Š	
	decl	decl lat	dec	l lat	decl l	at dec	lat	decl	lat	decl	lat	decl	lat	decl lat	d	decl lat	decl	decl	decl	decl	lat
F 1 S 2	18n 8 17 52		n43 9n1 s36 9	-		0n20 19s2 0 22 19 3		11n53 11 48		15 s50 15 52		21n10 21 11	0s 9 0 9		26 1 26 1	ln 1 15 s 5 6 l 0 15 5 7			18n38 18 39	6s 9 6 10	6n40 6 40
S 3 M 4 T 5	17 37 17 21 17 5	2 56 2		6 4 3 8 4 3 3 4 4	8 21 16	0 25 19 4 0 27 19 5 0 29 19 5	1 2 5		0 54 0 54 0 54	15 55	1 9 1 9 1 9		0 9	1 28 1	26 1 26 1 25 1	1 0 15 57 1 0 15 57 1 0 15 57	13 2		18 39 18 40 18 41	6 11 6 12 6 13	6 40 6 41 6 41
W 6 T 7 F 8 S 9	16 49 16 33 16 16 15 59	5 31 4 9 19 5 12 38 5	34 9 2 9 2	0 4 4 9 4 5 1 4 5	20 51 3 20 38 5 20 24		6 2 6 4 2 6 2 2 6	11 30 11 26 11 21 11 17	0 54 0 54 0 54 0 54	15 58 15 59 16 1	1 9 1 9 1 9	21 12 21 12	0 9 0 9 0 9	1 29 1 1 30 1 1 30 1	25 0 25 0 25 0	) 59 15 58 ) 59 15 58 ) 59 15 58 ) 59 15 59	13 1 13 1 13 1	12 49 12 51 12 52	18 42 18 42 18 43 18 44	6 14 6 15 6 16 6 17	6 41 6 41 6 41 6 41
S 10 M11 T 12	15 42	17 27 5 18 47 4	1 10 1	1 4 5 9 4 5	19 55 19 39	0 41 20 3 0 43 20 4 0 45 20 5	8 2 7 5 2 7	11 12	0 54 0 54 0 54	16 4 16 5	1 9 1 9 1 9	21 13 21 14	0 9	1 31 1 1 32 1	25 0 25 0	) 58 15 59 ) 58 15 59	13 1 13 2	12 54 12 55	18 44 18 45 18 46	6 18 6 19 6 20	6 41 6 41 6 41
W13 T 14 F 15	14 48 14 30 14 12	18 56 3 17 42 2 15 38 1	6 11 8 11 3 4 11 5	9 4 3 1 4 2 3 4 1	8 19 6 9 18 49 8 18 31	0 47 21 0 49 21 0 51 21 1	1 2 8 9 2 8 7 2 8	10 58 10 54 10 49	0 54 0 54 0 54	16 8 16 10 16 11	1 10 1 10 1 10	21 14 21 14 21 15	0 9 0 9 0 9	1 33 1 1 34 1 1 35 1	25 0 25 0 25 0	0 58 16 0 0 57 16 0 0 57 16 1	13 2 13 2 13 2	12 57 12 58 12 59	18 47 18 47 18 48	6 21 6 22 6 23	6 41 6 41 6 41
S 16 S 17 M18 T 19 W20	13 53 13 34 13 15 12 56	9 19 1 5 21 2 1 4 3	23 13 2	8 3 5 0 3 3 1 3 2	3 17 54 8 17 35 3 17 15	0 53 21 2 0 55 21 3 0 56 21 3 0 58 21 4	2 2 9 9 2 9 7 2 9	10 30	0 54 0 54 0 54	16 17	1 10 1 10 1 10	21 16	0 9 0 9 0 9	1 36 1 1 37 1 1 38 1	25 0 25 0 25 0	) 56 16 1 ) 56 16 1 ) 56 16 2	13 2 13 2 13 2	13 1 13 2 13 3	18 51	6 24 6 25 6 26 6 27	6 41 6 41 6 41
T 21 F 22 S 23	12 36 12 16 11 56 11 36	7 39 4 11 37 5	14 13 4 52 14 13 14 1 16 14 3	0 2 4 7 2 3	9 16 34 2 16 13		2 2 9 9 2 9		0 54 0 54	16 19 16 20 16 21 16 23	1 10	21 16 21 16 21 16 21 16	0 9 0 9	1 39 1 1 40 1	25 0 25 0	) 55 16 2 ) 55 16 3	13 2 13 2	13 6 13 7	18 52	6 28 6 29 6 30 6 31	6 41 6 41 6 41 6 41
S 24 M25 T 26 W27	10 55 10 35 10 14	19 14 3 18 12 2	26 14 5 34 15 29 15 1	6 1 3 4 1 2 0 1	3 15 6 1 14 43 3 14 20	1 6 22 2 1 8 22 3 1 9 22 3 1 11 22 4	1 2 10 8 2 10 5 2 10	9 57 9 52	0 54 0 54 0 54	16 27 16 28	1 10 1 10 1 10	21 17 21 17	0 9 0 9 0 9	1 42 1 1 43 1 1 44 1	25 0 25 0 25 0	0 54 16 4 0 53 16 4 0 53 16 4	13 2 13 2 13 2	13 11 13 12	18 55 18 55 18 56	6 32 6 34 6 35 6 36	6 40 6 40 6 40 6 40
T 28 F 29 S 30 S 31	9 53 9 32 9 10 8n49	12 50 0: 8 58 1	14 15 1 21 15 1 21 15 1 832 15n	3 0 3 0 0 1	13 32 4 13 7	1 12 22 5 1 13 22 5 1 14 23 1n15 23 s1	9 2 10 5 2 10	9 42 9 38			1 11	21 17 21 17 21 17 21 17	0 9 0 9	1 45 1 1 46 1	25 0 25 0	52 16 5	13 2 13 2	13 14 13 15	18 57 18 57 18 58 18n59	6 37 6 38 6 39 6s40	6 40 6 40 6 40 6n40

Julian Day Number = 2491933.5, Delta T = 98.30 sec Ecliptic obliquity =  $23^{\circ}25'22$ , Nutation = -  $0^{\circ}00'08$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $26^{\circ}17'07$ , Lahiri =  $25^{\circ}24'08$ 

SEPTEMBER 2110 00:00 UT

<b>-</b>															••••	
Day	Sid.t	0	)	ğ	φ	ď	4	ħ	)f(	<del>,</del>	В	S.	Ω	Ç	ę,	Day
M 1	22 39 20	8 <b>m</b> ) 17'07	7 <b>Υ</b> 26	20€23	1 Mp 4	5 <b>₹</b> 20	7 <b>m</b> 50	17°R52	6 <b>Ⅱ</b> 49	7 <b>≏</b> 48	14°R50	25°R25	24 <b>Ω</b> 41	26 <b>I</b> I19	25°R38	M 1
T 2	22 43 16	9°15'06	20°31	21°41	2°18	5°56	8° 3	17 <b>≈</b> 48	6°50	7°50	14850	$25\Omega 23$	24°38	26°26	25≈35	T 2
W 3	22 47 13	10°13'07	3 <b>8</b> 16	23° 5	3°33	6°31	8°16	17°44	6°50	7°52	14°49	25°21	24°34	26°32	25°32	W 3
T 4	22 51 9	11°11'10	15°42	24°34	4°47	7° 8	8°29	17°41	6°51	7°54	14°49	25°19	24°31	26°39	25°29	T 4
F 5	22 55 6	12° 9'15	27°54	26° 7	6° 1	7°44	8°42	17°37	6°51	7°56	14°48	25°18	24°28	26°46	25°26	F 5
S 6	22 59 2	13° 7'22	9∏54	27°45	7°16	8°20	8°55	17°33	6°51	7°58	14°48	25°D17	24°25	26°52	25°23	S 6
S 7	23 2 59	14° 5'31	21°48	29°26	8°30	8°57	9° 9	17°29	6°52	8° 0	14°47	25°17	24°22	26°59	25°20	S 7
M 8	23 6 56	15° 3'42	39540	1 <b>m</b> p 1 1	9°45	9°34	9°22	17°25	6°52	8° 2	14°47	25°18	24°19	27° 6	25°18	M 8
T 9	23 10 52	16° 1'54	15°34	2°58	10°59	10°11	9°35	17°22	6°52	8° 4	14°47	25°19	24°15	27°13	25°15	T 9
W10	23 14 49	17° 0'09	27°36	4°47	12°13	10°49	9°48	17°18	6°52	8° 6	14°46	25°21	24°12	27°19	25°12	W10
T 11	23 18 45	17°58'26	9 <b>Ω</b> 49	6°38	13°28	11°26	10° 1	17°14	6°52	8°8	14°45	25°22	24° 9	27°26	25° 9	T 11
F 12	23 22 42	18°56'44	22°16	8°30	14°43	12° 4	10°14	17°11	6°R53	8°11	14°45	25°R23	24° 6	27°33	25° 6	F 12
S 13	23 26 38	19°55'05	5 Mg 0	10°23	15°57	12°42	10°27	17° 8	6°52	8°13	14°44	25°23	24° 3	27°39	25° 4	S 13
S 14	23 30 35	20°53'27	18° 2	12°17	17°12	13°20	10°39	17° 4	6°52	8°15	14°44	25°21	23°59	27°46	25° 1	S 14
M15	23 34 31	21°51'51	1 <b>≏</b> 22	14°11	18°26	13°58	10°52	17° 1	6°52	8°17	14°43	25°19	23°56	27°53	24°58	M15
T 16	23 38 28	22°50'17	14°57	16° 5	19°41	14°36	11° 5	16°58	6°52	8°19	14°43	25°15	23°53	27°59	24°56	T 16
W17	23 42 24	23°48'44	28°46	17°59	20°55	15°15	11°18	16°54	6°52	8°21	14°42	25°11	23°50	28° 6	24°53	W17
T 18	23 46 21	24°47'14	12 <b>M</b> .46	19°53	22°10	15°54	11°31	16°51	6°52	8°24	14°41	25° 6	23°47	28°13	24°51	T 18
F 19	23 50 18	25°45'45	26°53	21°46	23°25	16°33	11°44	16°48	6°51	8°26	14°41	25° 3	23°44	28°20	24°48	F 19
S 20	23 54 14	26°44'18	11 <b>×</b> 7 3	23°38	24°39	17°12	11°57	16°46	6°51	8°28	14°40	25° 0	23°40	28°26	24°46	S 20
S 21	23 58 11	27°42'52	25°15	25°30	25°54	17°51	12°10	16°43	6°51	8°30	14°39	25°D 0	23°37	28°33	24°43	S 21
M22	0 2 7	28°41'28	9 <b>궁</b> 26	27°22	27° 9	18°31	12°22	16°40	6°50	8°32	14°38	25° 0	23°34	28°40	24°41	M22
T 23	0 6 4	29°40'05	23°34	29°12	28°23	19°10	12°35	16°37	6°50	8°34	14°38	25° 1	23°31	28°46	24°38	T 23
W24	0 10 0	0 <b>ჲ</b> 38'45	7≈38	1₽ 2	29°38	19°50	12°48	16°35	6°49	8°37	14°37	25° 3	23°28	28°53	24°36	W24
T 25	0 13 57	1°37'25	21°35	2°50	0 <b>ჲ</b> 53	20°30	13° 1	16°32	6°48	8°39	14°36	25°R 4	23°25	29° 0	24°34	T 25
F 26	0 17 53	2°36'08	5 <b>∺</b> 23	4°38	2° 8	21°10	13°13	16°30	6°48	8°41	14°35	25° 3	23°21	29° 6	24°32	F 26
S 27	0 21 50	3°34'52	19° 2	6°25	3°22	21°50	13°26	16°27	6°47	8°43	14°35	25° 1	23°18	29°13	24°30	S 27
S 28	0 25 47	4°33'39	2 <b>Υ</b> 28	8°11	4°37	22°30	13°39	16°25	6°46	8°46	14°34	24°57	23°15	29°20	24°27	S 28
M29	0 29 43	5°32'27	15°39	9°56	5°52	23°11	13°51	16°23	6°45	8°48	14°33	24°51	23°12	29°27	24°25	M29
T 30	0 33 40	6 <b>♀</b> 31'17	28 <b>Y</b> 34	11 <u>₽</u> 40	7 <u>₽</u> 7	23 <b>×</b> 751	14 m 4	16≈21	6 <b>Ⅱ</b> 45	8 <b>쇼</b> 50	14832	$24\Omega 44$	23\$\Omega\$ 9	29∏33	24≈23	T 30

Day	0	D	ğ	Q	ď	4	ħ	)Å(	¥	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	8n27				6 23 s18 2 s10			21n18 0s 9		0n51 16s 6	-	-		6 s41 6n39
T 2	8 6	-	14 42 0 2		7 23 25 2 10			21 18 0 9	1 .0 1 20			-	19 0	6 42 6 39
W 3	7 44	8 0 4 53		-					1 ./ 1 20	0 51 16 6			19 1	6 44 6 39
T 4 F 5	7 22	11 33 5 11								0 50 16 6		-	19 1	6 45 6 39
S 6	7 0		5 13 46 1 5 13 21 1 1	1 10 32 1 2 10 10 5 1 2	0 23 43 2 10 1 23 49 2 10			21 18 0 9 21 18 0 9				13 21 13 22	19 2 19 3	6 46 6 39 6 47 6 39
S 7			3 12 53 1 1					21 18 0 9				13 24		6 48 6 38
M 8		19 15 4 8		26 9 11 1 2			-					-	19 4	6 49 6 38
T 9					-					0 48 16 8	_	-	19 4	6 50 6 38
W10		18 13 2 27									_	-	19 5	6 51 6 38
T 11	-	16 25 1 25			-								19 6	6 53 6 38
F 12						0 35 0 55			1 27 1 22			-	19 6	6 54 6 37
S 13	3 59	10 29 0n53	9 19 1 4	46 6 50 1 2	4 24 26 2 9	8 30 0 55	16 49 1 11	21 18 0 9	1 57 1 25	0 47 16 9	13 3	13 30	19 7	6 55 6 37
S 14	3 36	6 35 2	8 37 1 4	48 6 21 1 2	5 24 31 2 9	8 25 0 55	16 50 1 11	21 18 0 9	1 58 1 25	0 46 16 9	13 4	13 31	19 7	6 56 6 37
M15	3 14	2 17 3 5	7 53 1 4	48 5 52 1 2	5 24 35 2 8	8 20 0 55	16 51 1 11	21 18 0 9	1 59 1 25	0 46 16 9	13 5	13 32	19 8	6 57 6 37
T 16	2 50	2s13 3 59	7 9 1 4	48 5 23 1 2	5 24 40 2 8	8 15 0 55	16 52 1 11	21 18 0 9	2 0 1 25	0 45 16 10	13 6	13 33	19 9	6 58 6 36
W17	2 27	6 40 4 40	6 24 1 4	48 4 54 1 2	5 24 44 2 8	8 11 0 56	16 53 1 11	21 18 0 9	2 1 1 25	0 45 16 10	13 7	13 34	19 9	6 59 6 36
T 18	2 4	10 48 5 5	5 38 1 4	46 4 24 1 2	5 24 48 2 8	8 6 0 56	16 54 1 11	21 18 0 9	2 2 1 25	0 45 16 10	13 9	13 35	19 10	7 0 6 36
F 19	1 41	14 23 5 12	2 4 52 1 4	14 3 55 1 2	5 24 52 2 8	8 1 0 56	16 55 1 11	21 18 0 9	2 3 1 25	0 44 16 10	13 10	13 36	19 10	7 1 6 36
S 20	1 18	17 8 5 0	0 4 5 1 4	42 3 25 1 2	5 24 55 2 7	7 56 0 56	16 56 1 11	21 18 0 9	2 3 1 25	0 44 16 11	13 11	13 37	19 11	7 2 6 35
S 21	0 55	18 50 4 30	3 18 1 3	39 2 55 1 2	5 24 59 2 7	7 51 0 56	16 57 1 11	21 18 0 9	2 4 1 25	0 43 16 11	13 11	13 38	19 12	7 4 6 35
M22	0 31	19 22 3 43	3 2 30 1 3	35 2 25 1 2	4 25 2 2 7	7 46 0 56	16 57 1 11	21 18 0 9	2 5 1 25	0 43 16 11	13 11	13 39	19 12	7 5 6 35
T 23	0 8	18 41 2 43						21 18 0 9		0 43 16 11				7 6 6 34
W24	0s15	16 51 1 34	0 55 1 2	27 1 25 1 2	4 25 8 2 6	7 37 0 56	16 59 1 11	21 18 0 9	2 7 1 25	0 42 16 11	13 10	13 41	19 13	7 7 6 34
T 25	0 39	14 0 0 19		22 0 55 1 2		7 32 0 56		21 17 0 9		0 42 16 12	13 10	13 42	19 14	7 8 6 34
F 26	1 2	10 24 0s56	6 0s40 1 1	17 0 25 1 2	3 25 13 2 6	7 27 0 56	17 0 1 11	21 17 0 9	2 9 1 25	0 41 16 12	13 10	13 43	19 14	7 9 6 33
S 27	1 25	6 17 2 3	7 1 27 1 1	12 0s 5 1 2	2 25 16 2 5	7 23 0 56	17 1 1 11	21 17 0 9	2 10 1 25	0 41 16 12	13 10	13 45	19 15	7 10 6 33
S 28	1 49	1 55 3 9	2 14 1	6 0 35 1 2	1 25 18 2 5	7 18 0 57	17 2 1 11	21 17 0 9	2 10 1 25	0 40 16 12	13 12	13 46	19 16	7 11 6 33
M29	2 12	2n28 4 (	3 0 1	0 1 6 1 2	1 25 20 2 5	7 13 0 57	17 2 1 11	21 17 0 9	2 11 1 25	0 40 16 12	13 14	13 47	19 16	7 12 6 32
T 30	2 s35	6n38 4s37	3 s46 0n5	54 1 s 36 1 n 2	0 25 s21 2 s 5	7n 8 0n57	17s 3 1s11	21n17 0s 9	2s12 1n25	0n40 16s13	13n16	13n48	19n17	7s13 6n32

 $\label{eq:Julian Day Number = 2491964.5, Delta T = 98.35 sec} \\ Ecliptic obliquity = 23°25'23, Nutation = -0°00'09, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 26°17'11, Lahiri = 25°24'12 \\$ 

OCTOBER 2110 00:00 UT

D	41:0		7	×	^	7	<b>.</b>	+	).(	) (	<b>D</b>	_	_	•	v	D
Day	Sid.t	0	D	ğ	φ	♂	4	ħ	)Å(	卉	Р	ß	Ω	Ç	o k	Day
W 1	0 37 36	7 <b>≏</b> 30'09	11814	13 <b>≏</b> 23	8 <b>亞</b> 22	24 <b>×</b> 32	14 <b>M</b> p 16	16°R19	6°R44	8 <b>₾</b> 52	14°R31	24°R36	23 <b>N</b> 5	29 <b>Ⅱ</b> 40	24°R21	W 1
T 2	0 41 33	8°29'04	23°38	15° 5	9°36	25°13	14°29	16≈17	6 <b>Ⅱ</b> 43	8°54	14830	$24\Omega 29$	23° 2	29°47	24≈19	T 2
F 3	0 45 29	9°28'01	5 <b>Ⅱ</b> 48	16°46	10°51	25°54	14°41	16°15	6°42	8°57	14°30	24°23	22°59	29°53	24°17	F 3
S 4	0 49 26	10°27'00	17°47	18°26	12° 6	26°35	14°53	16°13	6°41	8°59	14°29	24°18	22°56	29°59	24°16	S 4
S 5	0 53 22	11°26'01	29°40	20° 6	13°21	27°16	15° 6	16°12	6°40	9° 1	14°28	24°15	22°53	09 7	24°14	S 5
M 6	0 57 19	12°25'05	119931	21°45	14°36	27°58	15°18	16°10	6°38	9° 3	14°27	24°D14	22°50	0°13	24°12	M 6
T 7	1 1 16	13°24'11	23°24	23°22	15°51	28°39	15°30	16° 9	6°37	9° 6	14°26	24°15	22°46	0°20	24°10	T 7
W 8	1 5 12	14°23'19	5 <b>Ω</b> 26	24°59	17° 6	29°21	15°43	16° 7	6°36	9°8	14°25	24°16	22°43	0°27	24° 9	W 8
T 9	1 9 9	15°22'29	17°40	26°36	18°21	0중 2	15°55	16° 6	6°35	9°10	14°24	24°17	22°40	0°33	24° 7	T 9
F 10	1 13 5	16°21'42	0 <b>m</b> 13	28°11	19°36	0°44	16° 7	16° 5	6°33	9°12	14°23	24°R17	22°37	0°40	24° 6	F 10
S 11	1 17 2	17°20'57	13° 6	29°46	20°50	1°26	16°19	16° 4	6°32	9°15	14°22	24°15	22°34	0°47	24° 4	S 11
S 12	1 20 58	18°20'14	26°22	1 <b>M</b> 20	22° 5	2° 8	16°31	16° 3	6°31	9°17	14°21	24°11	22°30	0°54	24° 3	S 12
M13	1 24 55	19°19'33	10 <b>♀</b> 2	2°53	23°20	2°50	16°43	16° 2	6°29	9°19	14°20	24° 5	22°27	1° 0	24° 1	M13
T 14	1 28 51	20°18'55	24° 3	4°26	24°35	3°33	16°55	16° 2	6°28	9°21	14°19	23°57	22°24	1° 7	24° 0	T 14
W15	1 32 48	21°18'18	8 <b>M</b> .20	5°57	25°50	4°15	17° 7	16° 1	6°26	9°23	14°18	23°47	22°21	1°14	23°59	W15
T 16	1 36 44	22°17'43	22°48	7°28	27° 5	4°58	17°19	16° 0	6°25	9°26	14°17	23°38	22°18	1°20	23°58	T 16
F 17	1 40 41	23°17'11	7 <b>.</b> ₹20	8°59	28°20	5°40	17°30	16° 0	6°23	9°28	14°16	23°30	22°15	1°27	23°57	F 17
S 18	1 44 38	24°16'40	21°50	10°28	29°35	6°23	17°42	16° 0	6°21	9°30	14°15	23°23	22°11	1°34	23°56	S 18
S 19	1 48 34	25°16'11	6 <b>ප</b> 13	11°57	0 <b>M</b> .50	7° 6	17°54	15°59	6°20	9°32	14°14	23°20	22° 8	1°40	23°55	S 19
M20	1 52 31	26°15'43	20°25	13°26	2° 5	7°49	18° 5	15°59	6°18	9°34	14°13	23°D18	22° 5	1°47	23°54	M20
T 21	1 56 27	27°15'18	4≈25	14°53	3°20	8°32	18°17	15°D59	6°16	9°36	14°12	23°18	22° 2	1°54	23°53	T 21
W22	2 0 24	28°14'54	18°13	16°20	4°35	9°15	18°28	15°59	6°14	9°39	14°11	23°R19	21°59	2° 0	23°52	W22
T 23	2 4 20	29°14'31	1 <b>) (</b> 49	17°46	5°50	9°58	18°39	15°59	6°13	9°41	14°10	23°18	21°56	2° 7	23°51	T 23
F 24	2 8 17	0 <b>M</b> .14'10	15°14	19°11	7° 5	10°42	18°51	16° 0	6°11	9°43	14° 8	23°16	21°52	2°14	23°51	F 24
S 25	2 12 13	1°13'52	28°28	20°36	8°20	11°25	19° 2	16° 0	6° 9	9°45	14° 7	23°12	21°49	2°21	23°50	S 25
S 26	2 16 10	2°13'34	11 <b>Y</b> 31	21°59	9°35	12° 9	19°13	16° 0	6° 7	9°47	14° 6	23° 4	21°46	2°27	23°49	S 26
M27	2 20 7	3°13'19	24°23	23°22	10°50	12°52	19°24	16° 1	6° 5	9°49	14° 5	22°54	21°43	2°34	23°49	M27
T 28	2 24 3	4°13'06	7 <b>岁</b> 3	24°44	12° 5	13°36	19°35	16° 2	6° 3	9°51	14° 4	22°42	21°40	2°41	23°48	T 28
W29	2 28 0	5°12'54	19°31	26° 5	13°20	14°20	19°46	16° 3	6° 1	9°53	14° 3	22°29	21°36	2°47	23°48	W29
T 30	2 31 56	6°12'45	1 <b>Ⅱ</b> 48	27°25	14°36	15° 4	19°57	16° 3	5°59	9°55	14° 2	22°16	21°33	2°54	23°48	T 30
F 31	2 35 53	7 <b>M</b> 12'38	13 <b>II</b> 53	28 <b>M</b> 43	15 <b>M</b> 51	15 <b>る</b> 47	20 Mg 7	16 <b>≈</b> 4	5 <b>Ⅱ</b> 57	9 <b>≙</b> 57	148 1	22 <b>N</b> 4	21 <b>\O</b> 30	399 1	23≈48	F 31

Day	0	D	ğ	Q	ď	4	ħ	)∤(	¥	Р	R	v t	ę,
	decl	decl lat	decl lat	decl lat	lecl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl	decl decl	decl lat
W 1 T 2 F 3	2 s59 3 22 3 45	10n25 5s 0 13 41 5 9 16 17 5 3		2 36 1 18 25	24 2 4	6 59 0 57	17 4 1 11		2 14 1 25	0n39 16s13 0 39 16 13 0 38 16 13	13 21 13	50 19 18	7 s14 6n32 7 15 6 31 7 16 6 31
S 4	4 8	18 10 4 43	6 47 0 29	3 37 1 16 25	26 2 3	6 50 0 57	17 5 1 11	21 16 0 9	2 16 1 25	0 38 16 13	13 25 13	52 19 19	7 17 6 31
S 5 M 6 T 7 W 8 T 9 F 10	4 54	19 26 3 30 18 47 2 39 17 17 1 40 14 58 0 36 11 53 0n32	8 14 0 15 8 57 0 8 9 39 0 1 10 20 0s 6 11 1 0 13	6     4     37     1     14     25       8     5     7     1     13     25       5     36     1     12     25       6     6     6     1     10     25       8     6     36     1     9     25	27 2 2 27 2 2 27 2 2 26 2 2 26 2 2	2 6 40 0 57	17 6 1 11 17 6 1 11 17 7 1 11 17 7 1 10 17 8 1 10	21 16 0 9 21 16 0 9 21 15 0 9 21 15 0 9 21 15 0 9	2 17 1 25 2 18 1 25 2 19 1 25 2 20 1 25	0 38 16 14 0 37 16 14 0 37 16 14 0 36 16 14 0 36 16 14 0 36 16 14	13 26 13 13 26 13 13 25 13 13 25 13 13 25 13	54 19 20 55 19 20 56 19 21 57 19 21 58 19 22	7 18 6 30 7 19 6 30 7 20 6 29 7 21 6 29 7 22 6 28
S 11 S 12 M13 T 14 W15 T 16 F 17 S 18	6 48 7 11 7 34 7 56 8 18 8 40 9 2 9 24	3 56 2 43 0s36 3 40 5 13 4 24 9 38 4 54 13 33 5 4	13 38 0 41 14 15 0 48 14 51 0 55 15 27 1 1	7 7 35 1 6 2: 4 8 4 1 5 2: 8 33 1 3 2: 8 9 1 1 1 2: 5 9 30 1 0 2: 9 58 0 58 2:	24 2 0 23 1 59 21 1 59 19 1 58 17 1 58 15 1 50	0 6 8 0 58 0 6 4 0 58 3 5 59 0 58 3 5 55 0 59 7 5 50 0 59	17 8 1 10 17 8 1 10 17 8 1 10 17 9 1 10 17 9 1 10 17 9 1 10	21 14 0 9 21 14 0 9 21 13 0 9	2 22 1 20	0 35 16 14 0 35 16 15 0 34 16 15 0 34 16 15 0 34 16 15 0 33 16 15 0 33 16 15 0 32 16 15	13 27 14 13 29 14 13 32 14 13 35 14 13 38 14 13 41 14	0 19 23 1 19 23 2 19 24 3 19 24 4 19 25 5 19 25	7 23 6 28 7 24 6 28 7 24 6 27 7 25 6 27 7 26 6 26 7 27 6 26 7 27 6 26 7 28 6 25
S 19 M20 T 21 W22 T 23 F 24 S 25		19 8 2 46 17 32 1 39 14 56 0 27 11 31 0s45 7 34 1 54	17 42 1 28 18 13 1 34 18 44 1 41	2 11 22 0 53 25 3 11 49 0 51 25 4 12 17 0 49 25 12 43 0 47 24 7 13 10 0 45 24	7 1 56 4 1 55 0 1 55 57 1 54 53 1 54	5 5 37 0 59 5 5 33 0 59 5 5 28 0 59 4 5 24 1 0 4 5 20 1 0	17 9 1 10 17 9 1 10 17 9 1 10 17 9 1 10 17 9 1 10	21 12 0 8 21 12 0 8 21 11 0 8	2 28 1 25 2 29 1 25 2 30 1 25 2 31 1 25 2 32 1 25 2 33 1 25 2 33 1 25	0 32 16 15 0 32 16 15 0 31 16 16 0 31 16 16 0 30 16 16 0 30 16 16	13 45 14 13 45 14 13 44 14 13 44 14 13 45 14	8 19 27 9 19 27 10 19 28 11 19 28 12 19 29	7 29 6 25 7 30 6 24 7 30 6 24 7 31 6 23 7 32 6 23 7 32 6 23 7 33 6 22
S 26 M27 T 28 W29 T 30 F 31	12 14 12 35 12 55 13 15 13 35 13 s55	9 17 4 50 12 46 5 1 15 39 4 57	20 36 2 4 21 1 2 9 21 26 2 14 21 49 2 19	1 14 27 0 39 24 0 14 53 0 36 24 1 15 17 0 34 24	39 1 52 34 1 53 29 1 53 24 1 50	2 5 7 1 0 1 5 3 1 0 1 4 59 1 1 0 4 55 1 1	17 8 1 10 17 8 1 10 17 8 1 10 17 7 1 10	21 10 0 8 21 9 0 8	2 34 1 25 2 35 1 25 2 36 1 25 2 37 1 25 2 37 1 25 2 s38 1n25	0 30 16 16 0 29 16 16 0 29 16 16 0 29 16 16 0 28 16 16 0n28 16s16	13 52 14 13 56 14 14 1 14 14 5 14	16 19 30 17 19 31 18 19 31 19 19 31	

Julian Day Number = 2491994.5, Delta T = 98.39 sec Ecliptic obliquity =  $23^{\circ}25'23$ , Nutation = -  $0^{\circ}00'11$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $26^{\circ}17'16$ , Lahiri =  $25^{\circ}24'16$ 

NOVEMBER 2110 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂ <sup>™</sup>	4	ħ	)∤(	¥	Р	R	ß	Ç	ķ	Day
S 1	2 39 49	8ML12'33	25 <b>Ⅱ</b> 50	0 <b>√</b> 1	17 <b>M</b> 6	16 <b>ට</b> 31	20 <b>m</b> 18	16≈ 5	5°R54	9 <b>≙</b> 59	14°R 0	21°R55	21 <b>\O</b> 27	39 7	23°R47	S 1
S 2	2 43 46	9°12'30	79340	1°17	18°21	17°15	20°29	16° 7	5 <b>Ⅱ</b> 52	10° 1	13859	21 <b>Ω</b> 48	21°24	3°14	23≈47	S 2
M 3	2 47 42	10°12'29	19°29	2°32	19°36	18° 0	20°39	16° 8	5°50	10° 3	13°57	21°44	21°21	3°21	23°D47	M 3
T 4	2 51 39	11°12'30	$1\Omega 20$	3°45	20°51	18°44	20°50	16° 9	5°48	10° 5	13°56	21°42	21°17	3°27	23°47	T 4
W 5	2 55 36	12°12'34	13°19	4°56	22° 6	19°28	21° 0	16°11	5°46	10° 7	13°55	21°D42	21°14	3°34	23°47	W 5
T 6	2 59 32	13°12'39	25°30	6° 5	23°21	20°12	21°10	16°12	5°43	10° 9	13°54	21°R42	21°11	3°41	23°47	T 6
F 7	3 3 29	14°12'47	8Mp 1	7°12	24°36	20°57	21°20	16°14	5°41	10°11	13°53	21°41	21° 8	3°47	23°48	F 7
S 8	3 7 25	15°12'56	20°55	8°17	25°51	21°41	21°30	16°16	5°39	10°13	13°52	21°38	21° 5	3°54	23°48	S 8
S 9	3 11 22	16°13'08	4 <b>₽</b> 16	9°19	27° 6	22°26	21°40	16°18	5°37	10°15	13°51	21°33	21° 1	4° 1	23°48	S 9
M10	3 15 18	17°13'21	18° 5	10°18	28°21	23°11	21°50	16°20	5°34	10°17	13°50	21°25	20°58	4° 8	23°49	M10
T 11	3 19 15	18°13'37	2 <b>M</b> 21	11°14	29°36	23°55	22° 0	16°22	5°32	10°19	13°48	21°15	20°55	4°14	23°49	T 11
W12	3 23 11	19°13'54	16°59	12° 5	0 <b>∡</b> 751	24°40	22° 9	16°24	5°29	10°21	13°47	21° 3	20°52	4°21	23°50	W12
T 13	3 27 8	20°14'13	1 <b>才</b> 52	12°53	2° 6	25°25	22°19	16°26	5°27	10°22	13°46	20°51	20°49	4°28	23°50	T 13
F 14	3 31 5	21°14'34	1 <u>6</u> °51	13°35	3°22	26°10	22°28	16°29	5°25	10°24	13°45	20°40	20°46	4°34	23°51	F 14
S 15	3 35 1	22°14'57	1 <b>る</b> 45	14°13	4°37	26°55	22°38	16°31	5°22	10°26	13°44	20°32	20°42	4°41	23°52	S 15
S 16	3 38 58	23°15'21	16°28	14°44	5°52	27°40	22°47	16°34	5°20	10°28	13°43	20°26	20°39	4°48	23°52	S 16
M17	3 42 54	24°15'46	0≈54	15° 8	7° 7	28°25	22°56	16°36	5°17	10°30	13°42	20°23	20°36	4°54	23°53	M17
T 18	3 46 51	25°16'13	15° 0	15°25	8°22	29°10	23° 5	16°39	5°15	10°31	13°41	20°22	20°33	5° 1	23°54	T 18
W19	3 50 47	26°16'40	28°46	15°R34	9°37	29°55	23°14	16°42	5°12	10°33	13°39	20°22	20°30	5° 8	23°55	W19
T 20	3 54 44	27°17'09	12 <b>) (</b> 14	15°34	10°52	0≈40	23°23	16°45	5°10	10°35	13°38	20°22	20°27	5°14	23°56	T 20
F 21	3 58 40	28°17'40	25°24	15°24	12° 7	1°26	23°31	16°48	5° 7	10°36	13°37	20°19	20°23	5°21	23°57	F 21
S 22	4 2 37	29°18'11	8 <b>Υ</b> 20	15° 4	13°22	2°11	23°40	16°51	5° 5	10°38	13°36	20°14	20°20	5°28	23°58	S 22
S 23	4 6 34	0 <b>₮</b> 18'44	21° 4	14°34	14°37	2°56	23°48	16°54	5° 2	10°40	13°35	20° 6	20°17	5°34	24° 0	S 23
M24	4 10 30	1°19'18	3 <b>8</b> 38	13°53	15°52	3°42	23°56	16°58	5° 0	10°41	13°34	19°55	20°14	5°41	24° 1	M24
T 25	4 14 27	2°19'54	16° 1	13° 1	17° 7	4°27	24° 4	17° 1	4°57	10°43	13°33	19°42	20°11	5°48	24° 2	T 25
W26	4 18 23	3°20'30	28°16	12° 1	18°23	5°13	24°12	17° 5	4°55	10°44	13°32	19°28	20° 7	5°54	24° 4	W26
T 27	4 22 20	4°21'09	10 <b>Ⅲ</b> 22	10°51	19°38	5°58	24°20	17° 8	4°52	10°46	13°31	19°14	20° 4	6° 1	24° 5	T 27
F 28	4 26 16	5°21'48	22°21	9°35	20°53	6°44	24°28	17°12	4°50	10°47	13°30	19° 2	20° 1	6° 8	24° 7	F 28
S 29	4 30 13	6°22'30	49913	8°15	22° 8	7°29	24°36	17°16	4°47	10°49	13°29	18°51	19°58	6°15	24° 8	S 29
S 30	4 34 9	7 <b>∡</b> 123′12	1695 2	6 <b>₹</b> 152	23 <b>×</b> <sup>1</sup> 23	8 <b>≈</b> 15	24 Mp 43	17 <b>≈</b> 19	4 <b>Ⅱ</b> 45	10 <b>♀</b> 50	13 <b>8</b> 28	18 <b>Ω</b> 44	19 <b>Ω</b> 55	6921	24≈10	S 30

Day	0	D	ğ	φ	♂	4	ħ	)Å(	<del>4</del>	Р	n s	3 ¢	ķ
	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
S 1	14 s14	19n11 4s1	1 22 s33 2 s	s28 16 s29 0n28	24 s12 1 s49	4n47 1n 1	17s 7 1s10	21n 8 0s 8	2 s 39 1 n 2 5	0n28 16s16	14n12 141	121 19n32	7 s 37 6 n 1 9
S 2	14 33	19 42 3 3	1 22 52 2	32 16 52 0 25	24 6 1 48	4 43 1 1	17 6 1 10	21 8 0 8	2 40 1 25	0 27 16 16	14 14 14	22 19 33	7 37 6 19
M 3	14 52		-	35 17 15 0 23		4 39 1 1		_	2 40 1 25	0 27 16 16			
T 4	15 11					4 35 1 2		_	2 41 1 25	0 27 16 16			
W 5	15 29			41 17 59 0 18		4 31 1 2		21 / 0 0	2 42 1 25	0 26 16 16			
T 6 F 7	-			43 18 20 0 16		4 27 1 2			2 43 1 25		14 16 14		
S 8	16 6 16 23				23 31 1 45 23 24 1 44	4 23 1 2 4 19 1 2			2 43 1 25 2 44 1 25	0 26 16 16 0 25 16 16	14 16 14		
S 9	16 41			47 19 21 0 9		4 16 1 2		2. 5 0 0	2 45 1 25	0 25 16 16			
M10	16 58			47 19 41 0 6		4 12 1 3		2. 5 0 0	2 45 1 25	0 25 16 16			
T 11 W12	17 15 17 31	7 50 4 4 12 6 4 5	-	46 19 59 0 4 44 20 18 0 1	/	4 8 1 3		2 0 0	2 46 1 26	0 25 16 16			
T 13		-		44 20 18 0 1 42 20 35 0s 1	22 50 1 41 22 42 1 41	4 5 1 3 4 1 1 3		21 4 0 8 21 4 0 8	2 47 1 26 2 48 1 26	0 24 16 16 0 24 16 16			
F 14	18 3			39 20 52 0 4		3 57 1 3			2 48 1 26	0 24 16 16			
S 15				34 21 9 0 6		3 54 1 4			2 49 1 26	0 24 16 16			
S 16 M17				29 21 25 0 9 22 21 40 0 11		3 50 1 4 3 47 1 4			2 50 1 26	0 23 16 16 0 23 16 16	-		
T 18		18 18 1 4 15 52 0 2			22 4 1 38 21 54 1 37	3 47 1 4 3 44 1 4			2 50 1 26 2 51 1 26	0 23 16 16 0 23 16 15			
W19	-				21 43 1 36	3 40 1 4			2 51 1 26	0 23 16 15			
T 20	19 32				21 33 1 36	3 37 1 5			2 52 1 26		14 41 14		
F 21	19 46				21 22 1 35	3 34 1 5			2 53 1 26		14 42 14		
S 22	19 59	0 8 3 4	5 24 3 1	28 22 46 0 23	21 11 1 34	3 31 1 5	16 52 1 9	21 0 0 8	2 53 1 26	0 22 16 15	14 44 14	42 19 41	7 42 6 10
S 23	20 12	4n 9 4 2	3 23 44 1	13 22 58 0 26	21 0 1 33	3 28 1 5	16 51 1 9	20 59 0 8	2 54 1 26	0 22 16 15	14 46 14	43 19 41	7 42 6 9
M24	20 25	8 11 4 4	-	56 23 9 0 28		3 24 1 5			2 54 1 26		14 50 14		7 42 6 9
T 25	20 37					3 21 1 6			2 55 1 26	0 22 16 15			
W26	20 49	14 56 4 5	7 22 31 0	19 23 28 0 33	20 26 1 31	3 18 1 6	16 48 1 8	20 58 0 8	2 56 1 26	0 21 16 15	14 58 14	46 19 42	7 42 6 8
T 27	21 0	17 21 4 4	1 22 2 0n	n 1 <mark>23 36</mark> 0 35	20 14 1 30	3 16 1 6	16 46 1 8	20 58 0 8	2 56 1 26	0 21 16 14	15 3 14	47 19 42	7 42 6 8
-		-				3 13 1 6			2 57 1 26	0 21 16 14		48 19 43	
S 29	21 21	19 49 3 3	2 20 58 0	42 23 51 0 40	19 49 1 29	3 10 1 7	16 44 1 8	20 57 0 8	2 57 1 26	0 21 16 14	15 10 14	49 19 43	7 42 6 7
S 30	21 s32	19n45 2s4	4 20 s25 1n	n 2 <mark>23 s58</mark> 0 s42	19 s36 1 s28	3n 7 1n 7	16s43 1s 8	20n56 0s 8	2 s 58 1 n 2 6	0n21 16s14	15n12 14ı	19n43	7s41 6n 6

Julian Day Number = 2492025.5, Delta T = 98.43 sec Ecliptic obliquity =  $23^{\circ}25'22$ , Nutation = -  $0^{\circ}00'12$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $26^{\circ}17'20$ , Lahiri =  $25^{\circ}24'20$ 

DECEMBER 2110 00:00 UT

Day	Sid.t	0	D	ğ	·	♂	24	ħ	)∤(	并	В	R	Ω	Ç	ķ	Day
M 1	4 38 6	8 <b>×</b> <sup>1</sup> 23'56	27950	5°R31	24 <b>×</b> <sup>7</sup> 38	9≈ 0	24 m 51	17≈23	4°R42	10 <b>₽</b> 51	13°R27	18°R39	19 <b>Ω</b> 52	6928	24≈12	M 1
T 2	4 42 3	9°24'42	9 <b>Ω</b> 40	4 <b>₹</b> 13	25°53	9°46	24°58	17°27	4 <b>Ⅱ</b> 40	10°53	13826	18 <b>Ω</b> 37	19°48	6°35	24°13	T 2
W 3	4 45 59	10°25'28	21°37	3° 1	27° 8	10°32	25° 5	17°32	4°37	10°54	13°25	18°D37	19°45	6°41	24°15	W 3
T 4	4 49 56	11°26'17	3 Mp 46	1°58	28°23	11°18	25°12	17°36	4°35	10°55	13°24	18°37	19°42	6°48	24°17	T 4
F 5	4 53 52	12°27'07	16°12	1° 4	29°38	12° 3	25°19	17°40	4°32	10°57	13°23	18°R37	19°39	6°55	24°19	F 5
S 6	4 57 49	13°27'58	29° 1	0°21	0 <b>궁</b> 53	12°49	25°25	17°44	4°30	10°58	13°22	18°36	19°36	7° 1	24°21	S 6
S 7	5 1 45	14°28'50	12 <b>≏</b> 16	29 <b>M</b> 50	2° 8	13°35	25°32	17°49	4°27	10°59	13°21	18°33	19°33	7° 8	24°23	S 7
M 8	5 5 42	15°29'44	26° 1	29°30	3°23	14°21	25°38	17°53	4°25	11° 0	13°20	18°27	19°29	7°15	24°25	M 8
T 9	5 9 38	16°30'39	10 <b>M</b> .17	29°D22	4°38	15° 7	25°44	17°58	4°22	11° 2	13°19	18°19	19°26	7°21	24°27	T 9
W10	5 13 35	17°31'36	24°59	29°24	5°53	15°53	25°50	18° 2	4°20	11° 3	13°18	18° 9	19°23	7°28	24°30	W10
T 11	5 17 32	18°32'33	10 🗷 2	29°36	7° 8	16°39	25°56	18° 7	4°17	11° 4	13°17	18° 0	19°20	7°35	24°32	T 11
F 12	5 21 28	19°33'32	25°16	29°57	8°23	17°25	26° 2	18°12	4°15	11° 5	13°16	17°51	19°17	7°41	24°34	F 12
S 13	5 25 25	20°34'32	10 <b>궁</b> 30	0 <b>₹</b> 26	9°38	18°11	26° 8	18°17	4°13	11° 6	13°16	17°44	19°13	7°48	24°37	S 13
S 14	5 29 21	21°35'32	25°34	1° 2	10°53	18°57	26°13	18°22	4°10	11° 7	13°15	17°39	19°10	7°55	24°39	S 14
M15	5 33 18	22°36'33	10≈20	1°45	12° 8	19°43	26°18	18°27	4° 8	11° 8	13°14	17°37	19° 7	8° 1	24°41	M15
T 16	5 37 14	23°37'34	24°41	2°34	13°23	20°29	26°23	18°32	4° 6	11° 9	13°13	17°D37	19° 4	8° 8	24°44	T 16
W17	5 41 11	24°38'36	8 <b></b> ₩38	3°28	14°38	21°15	26°28	18°37	4° 3	11°10	13°12	17°38	19° 1	8°15	24°47	W17
T 18	5 45 7	25°39'38	22° 9	4°27	15°53	22° 1	26°33	18°42	4° 1	11°11	13°11	17°R39	18°58	8°21	24°49	T 18
F 19	5 49 4	26°40'41	5 <b>Υ</b> 18 18°8	5°29	17° 8	22°47	26°38	18°48	3°59	11°12 11°12	13°11	17°38	18°54	8°28 8°35	24°52	F 19 S 20
S 20	5 53 1	27°41'44		6°35	18°23	23°33	26°42	18°53	3°56		13°10	17°36	18°51		24°55	
S 21	5 56 57	28°42'47	0842	7°44	19°38	24°19	26°46	18°58	3°54	11°13	13° 9	17°32	18°48	8°42	24°57	S 21
M22	6 0 54	29°43'51	13° 2	8°56	20°53	25° 5	26°51	19° 4	3°52	11°14	13° 8	17°25	18°45	8°48	25° 0	M22
T 23	6 4 50	0 <b>궁</b> 44'55	25°13	10°10	22° 8	25°51	26°54	19° 9	3°50	11°15	13° 8	17°17	18°42	8°55	25° 3	T 23
W24	6 8 47	1°46'00	7 <b>Ⅱ</b> 16	11°26	23°23	26°38	26°58	19°15	3°48	11°15	13° 7	17° 8	18°39	9° 2	25° 6	W24
T 25	6 12 43	2°47'05	19°13	12°44 14° 3	24°38 25°53	27°24 28°10	27° 2 27° 5	19°21 19°26	3°45 3°43	11°16 11°17	13° 6 13° 6	16°59	18°35 18°32	9° 8	25° 9 25°12	T 25 F 26
F 26 S 27	6 16 40 6 20 37	3°48'10 4°49'16	195 6 12°56	15°24	25°53 27° 8	28°56	27° 5 27° 8	19°26 19°32	3°43 3°41	11°17	13° 6	16°50 16°44	18°32 18°29	9°15 9°22	25°12 25°15	S 27
												-				
S 28	6 24 33	5°50'22	24°45	16°45	28°23	29°42	27°11	19°38	3°39	11°18	13° 4	16°39	18°26	9°28	25°18	S 28
M29	6 28 30	6°51'29	6 <b>Ω</b> 35	18° 8	29°38	0 <b>)</b> €28	27°14	19°44	3°37	11°18	13° 4	16°37	18°23	9°35	25°21	M29
T 30	6 32 26	7°52'36	18°29	19°32	0 <b>≈</b> 52	1°14	27°17	19°50	3°35	11°19 11 <b>Ω</b> 19	13° 3	16°D36	18°19	9°42	25°25	T 30
W31	6 36 23	8 <b>궁</b> 53'43	0 <b>m</b> 29	20 <b>×</b> 757	2≈ 7	2 <b>米</b> 0	27 <b>m</b> 19	19 <b>≈</b> 56	3 <b>Ⅱ</b> 33	113419	138 3	16 <b>Ω</b> 37	18 <b>Ω</b> 16	9 <b>95</b> 48	25≈28	W31

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Julian Day Number = 2492055.5, Delta T = 98.47 sec Ecliptic obliquity =  $23^{\circ}25'22$ , Nutation = -  $0^{\circ}00'12$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $26^{\circ}17'24$ , Lahiri =  $25^{\circ}24'24$