

Astrodienst Ephemeris Tables for the year 2231

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 2231 00:00 UT

-	0.1		_			_	_					_	_			-
Day	Sid.t	0	D	ğ	φ	ď	4	ħ)/į(\	Р	r	v	Ç	ę,	Day
S 1	6 40 6	9 궁 47'32	2 ₹ 53	9 궁 37	11≈37	11 궁 37	6 M 10	15 ¥ 35	23 M 7	3°R14	2 M 43	6°R 3	7 ₩ 19	2 ≈ 35	20°R27	S 1
S 2	6 44 3	10°48'42	15°10	11°13	12°51	12°22	6°19	15°39	23° 9	39512	2°44	5) 53	7°16	2°41	20826	S 2
M 3	6 47 59	11°49'51	27°19	12°49	14° 5	13° 8	6°27	15°44	23°12	3°10	2°45	5°41	7°13	2°48	20°24	M 3
T 4	6 51 56	12°51'01	9 る 20	14°25	15°19	13°54	6°36	15°48	23°15	3° 9	2°46	5°31	7°10	2°55	20°22	T 4
W 5	6 55 52	13°52'11	21°14	16° 2	16°33	14°40	6°44	15°53	23°18	3° 7	2°48	5°21	7° 7	3° 1	20°21	W 5
T 6	6 59 49	14°53'21	3≈ 5	17°39	17°47	15°25	6°53	15°58	23°20	3° 5	2°49	5°14	7° 3	3°8	20°19	T 6
F 7	7 3 45	15°54'31	14°52	19°17	19° 0	16°11	7° 1	16° 2	23°23	3° 4	2°50	5° 9	7° 0	3°15	20°18	F 7
S 8	7 7 42	16°55'40	26°39	20°54	20°14	16°57	7° 9	16° 7	23°26	3° 2	2°51	5° 7	6°57	3°21	20°17	S 8
S 9	7 11 39	17°56'50	8 ∺ 30	22°33	21°28	17°43	7°16	16°12	23°28	3° 0	2°52	5°D 6	6°54	3°28	20°15	S 9
M10	7 15 35	18°57'59	20°27	24°11	22°42	18°29	7°24	16°17	23°31	2°59	2°53	5° 7	6°51	3°35	20°14	M10
T 11	7 19 32	19°59'08	2 Y 35	25°50	23°55	19°15	7°32	16°22	23°33	2°57	2°54	5° 9	6°48	3°41	20°13	T 11
W12	7 23 28	21° 0'17	15° 0	27°29	25° 9	20° 2	7°39	16°27	23°36	2°55	2°54	5°R10	6°44	3°48	20°12	W12
T 13	7 27 25	22° 1'25	27°45	29° 8	26°22	20°48	7°47	16°33	23°38	2°54	2°55	5°10	6°41	3°55	20°11	T 13
F 14	7 31 21	23° 2'33	10856	0≈48	27°36	21°34	7°54	16°38	23°40	2°52	2°56	5° 8	6°38	4° 1	20°10	F 14
S 15	7 35 18	24° 3'40	24°36	2°28	28°49	22°20	8° 1	16°43	23°43	2°51	2°57	5° 5	6°35	4° 8	20° 9	S 15
S 16	7 39 14	25° 4'47	8 Ⅱ 46	4° 8	0 ∀ 2	23° 6	8° 8	16°49	23°45	2°49	2°58	5° 0	6°32	4°15	20° 8	S 16
M17	7 43 11	26° 5'53	23°23	5°48	1°16	23°53	8°14	16°54	23°47	2°48	2°58	4°54	6°28	4°21	20° 7	M17
T 18	7 47 8	27° 6'59	8923	7°28	2°29	24°39	8°21	17° 0	23°49	2°46	2°59	4°48	6°25	4°28	20° 6	T 18
W19	7 51 4	28° 8'05	23°37	9° 9	3°42	25°25	8°28	17° 6	23°52	2°45	3° 0	4°42	6°22	4°35	20° 5	W19
T 20	7 55 1	29° 9'09	8 Ω 54	10°49	4°55	26°12	8°34	17°11	23°54	2°43	3° 0	4°39	6°19	4°41	20° 5	T 20
F 21	7 58 57	0≈10'14	24° 5	12°29	6° 8	26°58	8°40	17°17	23°56	2°42	3° 1	4°37	6°16	4°48	20° 4	F 21
S 22	8 2 54	1°11'18	8 m 59	14° 9	7°21	27°45	8°46	17°23	23°58	2°40	3° 1	4°D36	6°13	4°55	20° 4	S 22
S 23	8 6 50	2°12'21	23°31	15°48	8°34	28°31	8°52	17°29	24° 0	2°39	3° 2	4°37	6° 9	5° 1	20° 3	S 23
M24	8 10 47	3°13'24	7 ₾ 37	17°26	9°47	29°18	8°58	17°35	24° 2	2°37	3° 2	4°39	6° 6	5° 8	20° 3	M24
T 25	8 14 43	4°14'27	21°17	19° 3	11° 0	0≈ 4	9° 3	17°41	24° 3	2°36	3° 3	4°40	6° 3	5°15	20° 2	T 25
W26	8 18 40	5°15'30	4 M J31	20°39	12°13	0°51	9° 9	17°47	24° 5	2°34	3° 3	4°R41	6° 0	5°21	20° 2	W26
T 27	8 22 37	6°16'32	17°23	22°13	13°26	1°37	9°14	17°53	24° 7	2°33	3° 3	4°40	5°57	5°28	20° 2	T 27
F 28	8 26 33	7°17'34	29°56	23°45	14°38	2°24	9°19	17°59	24° 9	2°32	3° 4	4°38	5°54	5°35	20° 2	F 28
S 29	8 30 30	8°18'36	12 × 15	25°15	15°51	3°11	9°24	18° 5	24°10	2°30	3° 4	4°35	5°50	5°41	20° 2	S 29
S 30	8 34 26	9°19'37	24°22	26°41	17° 3	3°57	9°28	18°12	24°12	2°29	3° 4	4°31	5°47	5°48	20°D 2	S 30
M31	8 38 23	10≈20'37	6 පි 20	28 ≈ 5	18) 16	4≈44	9 M .33	18) 18	24ML13	29528	3M 4	4) (27	5) (44	5 ≈ 55	20 8 2	M31

Day	0	D)	ζ	5	ç)	C	7	2	4	ħ	!);	j(4		В	n	Ω	Ç	Š	
	decl	decl l	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl lat	decl	decl	decl	decl	lat
S 1	23 s 3	25 s41	5 s 4	24 s44	1 s40	19s 2	1 s49	23 s46	0 s52	12 s27	1n10	7 s29	1 s58	18 s14	0n18	22n11	1 s11	3n24 16n47	9s17	8 s49	22 s25	15n17	2 s39
S 2	22 58	27 34	5 1	24 40	1 44	18 41	1 49	23 42	0 52	12 30	1 11	7 28	1 58	18 15	0 18	22 11	1 11	3 24 16 47	9 21	8 50	22 23	15 17	2 39
M 3		28 7		24 35	1 48		1 49					7 26		18 15		22 11	1 11	3 24 16 48			22 21		2 39
T 4		27 18		24 29	1 51	17 57	1 49			12 35		7 24		18 16		22 11	1 11	3 25 16 48			22 18		2 39
W 5 T 6	22 41 22 35	25 15 22 6		24 21 24 11	1 54 1 57		1 48	23 2923 24	0 53 0 54		1 11 1 11	7 22 7 20		18 17 18 17			1 11 1 11	3 25 16 49 3 25 16 50			22 16 22 14		2 39 2 39
F 7	22 28			24 11	2 0			23 19	0 54			7 18		18 18			1 11	3 25 16 50			22 12		2 39
S 8		13 20		23 48	2 2			23 14		12 45		7 16		18 19		22 12		3 25 16 51				15 14	2 39
S 9	22 13	8 6	0n18	23 34	2 4	16 0	1 46	23 9	0 55	12 48	1 12	7 14	1 57	18 19	0 18	22 12	1 11	3 25 16 51	9 38	8 58	22 7	15 14	2 39
M10	22 4	2 31	1 22	23 19	2 5	15 36	1 45	23 3	0 55	12 50	1 12	7 12	1 57	18 20	0 18	22 12	1 11	3 26 16 52	9 37	8 59	22 5	15 14	2 39
1	21 56	-			2 7	15 11		22 57		12 52	1 12	7 10		18 21	0 18		1 11	3 26 16 52		9 0		15 14	2 39
	21 46		3 19				1 44			12 55		7 8	1 57		0 18		1 11	3 26 16 53				15 13	2 39
	21 37			22 23				22 44		12 57	1 12	7 6		18 22			1 11	3 26 16 53			21 58		2 39
		19 34 23 50	4 43 5 5	22 2 21 39		13 53 13 26		22 37 22 30	0 56	12 59 13 1	1 13 1 13	7 3 7 1		18 22 18 23		22 12 22 12	1 11 1 11	3 27 16 54 3 27 16 54			21 56 21 53		2 38 2 38
S 16 M17	21 6 20 54	26 50 28 9	-	21 14 20 48	2 6 2 4		1 39	22 22 22 15	0 57 0 57			6 59 6 57		18 23 18 24		22 12 22 12	1 11 1 11	3 27 16 55 3 27 16 56			21 51 21 49		2 38
T 18		27 27		20 48	2 2		1 36		0 58			6 55		18 24			1 11	3 28 16 56			21 49	-	2 38
		24 43	3 25	-	2 0			21 59	0 58			6 52		18 25			1 11	3 28 16 57			21 44	-	2 38
T 20	20 18	20 12	2 16	19 22	1 56	11 8	1 33	21 50	0 58	13 11	1 14	6 50		18 26		22 12	1 11	3 28 16 57	9 48	9 11	21 42	15 12	2 38
F 21		14 23	0 57	18 50	1 52	10 40		21 42		13 12	1 14	6 48	1 56	18 26		22 12	1 11	3 29 16 58	9 49		21 39		2 38
S 22	19 52	7 49	0 s24	18 17	1 48	10 11	1 30	21 33	0 59	13 14	1 14	6 45	1 56	18 27	0 19	22 12	1 11	3 29 16 58	9 49	9 13	21 37	15 12	2 38
S 23	19 39	1 1	1 42	17 43	1 43	9 42	1 28	21 24	0 59	13 16	1 14	6 43	1 55	18 27	0 19	22 13	1 11	3 29 16 59	9 48	9 15	21 34	15 12	2 38
M24	19 25		2 51	17 8	1 37	9 13		21 15		13 18	1 14	6 40	1 55			22 13	1 11	3 30 16 59	9 48		21 32		2 38
T 25		11 49	-		1 30	8 43	1 24			13 19	1 15	6 38		18 28			1 11	3 30 17 0			21 30		2 38
W26 T 27	18 56	17 16 21 47	4 31 5 0	15 54 15 16	1 23 1 15	8 14 7 44	1 22 1 19			13 21 13 22	1 15 1 15	6 36 6 33		18 28 18 29		22 13 22 13	1 10 1 10	3 31 17 1	9 47 9 47		21 27 21 25		2 38 2 38
F 28	18 41				1 15	7 14		20 45	1 1	13 24	1 15	6 31		18 29		22 13	1 10	3 31 17 1			21 23		2 38
S 29		27 22			0 56	6 43		20 25	1 1	13 25	1 15	6 28		18 30		22 13	1 10	3 32 17 2			21 20		2 37
S 30	17 54	28 12	4 55	13 19	0 45	6 13	1 12	20 14	1 1	13 26	1 16	6 26	1 55	18 30	0 19	22 13	1 10	3 32 17 3	9 51	9 23	21 18	15 12	2 37
M31	17 s38	27 s42	4 s 2 7	12 s39	0s34	5 s42	1 s 1 0	20 s 3	1 s 1	13 s27		6 s 2 3		18 s30		22n13	1 s10					15n12	

Julian Day Number = 2535915.5, Delta T = 196.52 sec Ecliptic obliquity = 23°24'41, Nutation = 0°00'07, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 27°58'07, Lahiri = 27°05'08

FEBRUARY 2231 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	4	ħ)∤(并	Р	ស	v	Ç	Ŷ,	Day
T 1	8 42 19	11≈21'37	18 ਰ 13	29≈23	19) 28	5≈31	9 ™ 37	18) 24	24ML15	2°R27	3 m 5	4°R22	5) 41	6≈ 1	20 8 2	T 1
W 2	8 46 16	12°22'35	0≈ 3	0) €37	20°40	6°18	9°42	18°31	24°16	2925	3° 5	4) 19	5°38	6° 8	20° 2	W 2
T 3	8 50 13	13°23'33	11°51	1°45	21°52	7° 4	9°46	18°37	24°18	2°24	3° 5	4°16	5°34	6°15	20° 2	T 3
F 4	8 54 9	14°24'30	23°40	2°47	23° 5	7°51	9°50	18°44	24°19	2°23	3° 5	4°15	5°31	6°21	20° 3	F 4
S 5	8 58 6	15°25'26	5) €32	3°41	24°17	8°38	9°53	18°50	24°20	2°22	3°R 5	4°D14	5°28	6°28	20° 3	S 5
S 6	9 2 2	16°26'21	17°28	4°28	25°28	9°25	9°57	18°57	24°22	2°21	3° 5	4°15	5°25	6°35	20° 4	S 6
M 7	9 5 59	17°27'14	29°32	5° 5	26°40	10°12	10° 0	19° 3	24°23	2°20	3° 5	4°16	5°22	6°41	20° 4	M 7
T 8	9 9 55	18°28'07	11 ° 47	5°33	27°52	10°59	10° 3	19°10	24°24	2°19	3° 5	4°17	5°19	6°48	20° 5	T 8
W 9	9 13 52	19°28'58	24°15	5°51	29° 4	11°46	10° 6	19°17	24°25	2°17	3° 5	4°19	5°15	6°55	20° 5	W 9
T 10	9 17 48	20°29'47	7 8 1	5°R58	0 Υ 15	12°33	10° 9	19°24	24°26	2°16	3° 4	4°20	5°12	7° 1	20° 6	T 10
F 11	9 21 45	21°30'35	20° 7	5°54	1°27	13°20	10°12	19°30	24°27	2°15	3° 4	4°R20	5° 9	7° 8	20° 7	F 11
S 12	9 25 41	22°31'22	3 Ⅱ 38	5°39	2°38	14° 7	10°14	19°37	24°28	2°14	3° 4	4°20	5° 6	7°15	20° 8	S 12
S 13	9 29 38	23°32'07	17°33	5°13	3°49	14°54	10°17	19°44	24°29	2°14	3° 4	4°19	5° 3	7°21	20° 9	S 13
M14	9 33 35	24°32'51	1954	4°37	5° 0	15°41	10°19	19°51	24°30	2°13	3° 3	4°18	5° 0	7°28	20°10	M14
T 15	9 37 31	25°33'33	16°37	3°52	6°11	16°28	10°21	19°58	24°30	2°12	3° 3	4°17	4°56	7°35	20°11	T 15
W16	9 41 28	26°34'14	1 Ω 37	2°59	7°22	17°15	10°22	20° 5	24°31	2°11	3° 3	4°16	4°53	7°41	20°12	W16
T 17	9 45 24	27°34'53	16°46	1°59	8°33	18° 2	10°24	20°12	24°32	2°10	3° 2	4°15	4°50	7°48	20°13	T 17
F 18	9 49 21	28°35'31	1 m 56	0°54	9°43	18°49	10°25	20°19	24°32	2° 9	3° 2	4°D15	4°47	7°55	20°14	F 18
S 19	9 53 17	29°36'07	16°56	29≈46	10°54	19°36	10°27	20°26	24°33	2° 9	3° 1	4°15	4°44	8° 1	20°15	S 19
S 20	9 57 14	0) €36'42	1 ₾ 39	28°37	12° 4	20°23	10°28	20°33	24°33	2° 8	3° 1	4°16	4°40	8°8	20°17	S 20
M21	10 1 11	1°37'15	15°58	27°28	13°14	21°10	10°28	20°40	24°34	2° 7	3° 0	4°16	4°37	8°15	20°18	M21
T 22	10 5 7	2°37'47	29°50	26°21	14°24	21°58	10°29	20°47	24°34	2° 6	3° 0	4°16	4°34	8°21	20°19	T 22
W23	10 9 4	3°38'18	13 M .15	25°19	15°34	22°45	10°29	20°55	24°34	2° 6	2°59	4°16	4°31	8°28	20°21	W23
T 24	10 13 0	4°38'48	26°14	24°21	16°44	23°32	10°30	21° 2	24°35	2° 5	2°58	4°R16	4°28	8°35	20°22	T 24
F 25	10 16 57	5°39'17	8 ₹ 51	23°29	17°54	24°19	10°R30	21° 9	24°35	2° 5	2°58	4°D16	4°25	8°41	20°24	F 25
S 26	10 20 53	6°39'44	21° 9	22°44	19° 3	25° 6	10°30	21°16	24°35	2° 4	2°57	4°16	4°21	8°48	20°26	S 26
S 27	10 24 50	7°40'10	3 ප 13	22° 6	20°13	25°54	10°29	21°24	24°35	2° 4	2°56	4°16	4°18	8°55	20°28	S 27
M28	10 28 46	8) (40'35	15중 7	21≈35	21 Y 22	26≈41	10ML29	21) (31	24°R35	2 95 3	2 M 56	4) (17	4) 15	9≈ 1	20829	M28

Day	0	Ş)	ţ	5	ç)	ď	7	2	+	ħ	ì);	ł(Ī	ħ	Р	v	U	ţ	, k	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl lat	decl	decl	decl	decl la	at
T 1	17 s21	25 s55	3 s47	12s 0	0s21	5 s 1 2	1 s 7	19 s52	1 s 2	2 13 s29	1n16	6 s 2 0	1 s55	18 s31	0n19	22n13	1 s10	3n33 17n 4	9 s 5 4	9 s25	21 s13	15n12	2 s37
W 2	17 4	23 0	2 58	11 22	0 8	4 41	1 4	19 41	1 2	2 13 30	1 16	6 18	1 55	18 31	0 19	22 13	1 10	3 34 17 5	9 55	9 26	21 11	15 12	2 37
T 3	16 47	19 9	2 0	10 45	0n 6	4 10	1 2	19 29	1 2	2 13 31	1 16	6 15	1 55	18 31	0 19	22 13	1 10	3 34 17 5	9 56	9 27	21 8	15 13	2 37
F 4	16 29	14 32	0 58	10 9	0 21	3 39	0 59	19 17	1 2	2 13 32	1 17	6 13	1 55	18 32	0 19	22 13	1 10	3 35 17 6	9 57	9 29	21 6	15 13	2 37
S 5	16 12	9 22	0n 7	9 35	0 36	3 8	0 56	19 5	1 2	2 13 33	1 17	6 10	1 54	18 32	0 19	22 13	1 10	3 35 17 6	9 57	9 30	21 3	15 13	2 37
S 6	15 53	3 50	1 13	9 3	0 53	2 36	0 53	18 53	1 :	3 13 34	1 17	6 7	1 54	18 32	0 19	22 13	1 10	3 36 17 7	9 57	9 31	21 1	15 13	2 37
M 7	15 35	1n53	2 16	8 34	1 9	2 5	0 50	18 41	1 :	3 13 35	1 17	6 5	1 54	18 33	0 19	22 13	1 10	3 37 17 7	9 56	9 32	20 58	15 13	2 37
T 8	15 16	7 37	3 13	8 8	1 26	1 34	0 47	18 28	1 :	3 13 35	1 17	6 2	1 54	18 33	0 19	22 13	1 10	3 37 17 8	9 56	9 33	20 56	15 14	2 37
W 9	14 58	13 9	4 3	7 46	1 43	1 2	0 43	18 15	1 3	3 13 36	1 18	5 59	1 54	18 33	0 19	22 14	1 10	3 38 17 9	9 55	9 34	20 53	15 14	2 37
T 10	14 38	18 16	4 42	7 28	2 0	0 31	0 40	18 2	1 :	3 13 37	1 18	5 57	1 54	18 33	0 19	22 14	1 10	3 38 17 9	9 55	9 36	20 51	15 14	2 36
F 11	14 19	22 41	5 8	7 14	2 16	0n 1	0 37	17 49	1 4	13 38	1 18	5 54	1 54	18 34	0 19	22 14	1 10	3 39 17 10	9 55	9 37	20 49	15 14	2 36
S 12	13 59	26 2	5 17	7 4	2 32	0 32	0 33	17 36	1 4	13 38	1 18	5 51	1 54	18 34	0 19	22 14	1 10	3 39 17 10	9 55	9 38	20 46	15 15	2 36
S 13	13 40	27 57	5 9	7 0	2 47	1 4	0 30	17 22	1 4	13 39	1 18	5 49	1 54	18 34	0 19	22 14	1 10	3 40 17 11	9 55	9 39	20 44	15 15	2 36
M14	13 19	28 5	4 41	7 0	3 1	1 35	0 26	17 8	1 4	13 39	1 19	5 46	1 54	18 34	0 19	22 14	1 10	3 41 17 11	9 55	9 40	20 41	15 15	2 36
T 15	12 59	26 16	3 55	7 5	3 13	2 6	0 23	16 54	1 4	13 39	1 19	5 43	1 54	18 34	0 19	22 14	1 10	3 41 17 12	9 56	9 41	20 39	15 16	2 36
W16	12 39	22 34	2 52	7 14	3 23	2 38	0 19	16 40	1 4	13 40	1 19	5 40	1 54	18 35	0 19	22 14	1 10	3 42 17 12	9 56	9 43	20 36	15 16	2 36
T 17	12 18	17 19	1 36	7 28	3 31	3 9	0 15	16 26	1 :	13 40	1 19	5 37	1 54	18 35	0 19	22 14	1 10	3 42 17 13	9 56	9 44	20 34	15 16	2 36
F 18	11 57	10 59	0 13	7 45	3 37	3 40	0 12	16 12	1 :	13 40	1 19	5 35	1 54	18 35	0 19	22 14	1 10	3 43 17 13	9 56	9 45	20 31	15 17	2 36
S 19	11 36	4 5	1 s 1 0	8 5	3 41	4 11	0 8	15 57	1 :	13 40	1 20	5 32	1 54	18 35	0 19	22 14	1 10	3 44 17 14	9 56	9 46	20 29	15 17	2 36
S 20	11 15	2 s 5 4	2 27	8 28	3 42	4 42	0 4	15 42	1 :	5 13 41	1 20	5 29	1 54	18 35	0 19	22 14	1 10	3 44 17 14	9 56	9 47	20 26	15 18	2 36
M21	10 53	9 32	3 32	8 52	3 41	5 13	0n 0	15 27	1 :	5 13 41	1 20	5 26	1 54	18 35	0 19	22 14	1 9	3 45 17 15	9 56	9 48	20 24	15 18	2 36
T 22	10 32	15 29	4 22	9 18	3 38	5 44	0 4	15 12	1 :	5 13 41	1 20	5 23	1 54	18 35	0 19	22 14	1 9	3 46 17 15	9 56	9 49	20 21	15 18	2 36
W23	10 10	20 30	4 57	9 43	3 33	6 15	0 8	14 57	1 :	5 13 41	1 21	5 21	1 54	18 35	0 19	22 14	1 9	3 46 17 16	9 56	9 51	20 19	15 19	2 35
T 24	9 48	24 23	5 15	10 9	3 26	6 46	0 12	14 41	1 :	13 40	1 21	5 18	1 54	18 35	0 19	22 14	1 9	3 47 17 16	9 56	9 52	20 16	15 19	2 35
F 25	9 26	26 58	5 17	10 34	3 17	7 16	0 17	14 26	1 :	13 40	1 21	5 15	1 54	18 35	0 19	22 14	1 9	3 48 17 17	9 56	9 53	20 14	15 20	2 35
S 26	9 3	28 11	5 4	10 58	3 7	7 46	0 21	14 10	1 (5 13 40	1 21	5 12	1 54	18 35	0 19	22 14	1 9	3 48 17 17	9 56	9 54	20 11	15 20	2 35
S 27	8 41	28 1	4 38	11 21	2 56	8 17	0 25	13 54	1 (5 13 40	1 21	5 9	1 54	18 35	0 19	22 15	1 9	3 49 17 18	9 56	9 55	20 9	15 21	2 35
M28	8 s 1 8	26 s32	4s 1	11 s42	2n44	8n47	0n29	13 s38	1s (6 13 s39	1n22	5s 6	1 s54	18 s35	0n19	22n15		3n50 17n18	9 s 5 6	9 s 5 6	20s 6	15n21	$2\mathrm{s}35$

Julian Day Number = 2535946.5, Delta T = 196.62 sec Ecliptic obliquity = $23^{\circ}24'41$, Nutation = $0^{\circ}00'09$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $27^{\circ}58'11$, Lahiri = $27^{\circ}05'12$

MARCH 2231 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ)∤(¥	Р	n	Ω	Ç	Ŷ,	Day
T 1	10 32 43	9) 40'58	26 궁 56	21°R12	22 Y 31	27≈28	10°R28	21) 38	24°R35	2°R 3	2°R55	4) (17	4) 12	9≈ 8	20831	T 1
W 2	10 36 40	10°41'20	8≈43	20≈56	23°40	28°15	10 M 27	21°45	24MJ35	295 2	2 M 54	4°18	4° 9	9°15	20°33	W 2
T 3	10 40 36	11°41'40	20°32	20°47	24°49	29° 3	10°26	21°53	24°35	2° 2	2°53	4°19	4° 6	9°21	20°35	T 3
F 4	10 44 33	12°41'58	2 ∺ 25	20°D45	25°57	29°50	10°25	22° 0	24°35	2° 1	2°52	4°R19	4° 2	9°28	20°37	F 4
S 5	10 48 29	13°42'15	14°25	20°50	27° 6	0 ∺ 37	10°23	22° 7	24°35	2° 1	2°51	4°19	3°59	9°35	20°39	S 5
S 6	10 52 26	14°42'30	26°32	21° 1	28°14	1°24	10°22	22°15	24°34	2° 1	2°50	4°18	3°56	9°41	20°41	S 6
M 7	10 56 22	15°42'43	8 Υ 50	21°18	29°22	2°12	10°20	22°22	24°34	2° 1	2°49	4°17	3°53	9°48	20°43	M 7
T 8	11 0 19	16°42'54	21°19	21°40	0 8 30	2°59	10°18	22°29	24°34	2° 0	2°48	4°15	3°50	9°55	20°46	T 8
W 9	11 4 15	17°43'04	4 8 1	22° 7	1°37	3°46	10°15	22°37	24°33	2° 0	2°47	4°13	3°46	10° 1	20°48	W 9
T 10	11 8 12	18°43'11	16°58	22°39	2°45	4°33	10°13	22°44	24°33	2° 0	2°46	4°11	3°43	10° 8	20°50	T 10
F 11	11 12 8	19°43'17	0 I I10	23°16	3°52	5°21	10°10	22°52	24°32	2° 0	2°45	4°10	3°40	10°15	20°53	F 11
S 12	11 16 5	20°43'20	13°39	23°56	4°59	6° 8	10° 8	22°59	24°31	2° 0	2°44	4° 9	3°37	10°21	20°55	S 12
S 13	11 20 2	21°43'21	27°26	24°41	6° 6	6°55	10° 5	23° 6	24°31	2° 0	2°43	4°D 9	3°34	10°28	20°58	S 13
M14	11 23 58	22°43'20	119931	25°29	7°13	7°42	10° 2	23°14	24°30	2°D 0	2°42	4°10	3°31	10°35	21° 0	M14
T 15	11 27 55	23°43'17	25°53	26°20	8°19	8°30	9°58	23°21	24°29	2° 0	2°40	4°11	3°27	10°41	21° 3	T 15
W16	11 31 51	24°43'11	10 N 30	27°15	9°25	9°17	9°55	23°29	24°28	2° 0	2°39	4°12	3°24	10°48	21° 5	W16
T 17	11 35 48	25°43'03	25°17	28°12	10°31	10° 4	9°51	23°36	24°28	2° 0	2°38	4°13	3°21	10°54	21° 8	T 17
F 18	11 39 44	26°42'54	10 mg 7	29°12	11°37	10°51	9°47	23°43	24°27	2° 0	2°37	4°R13	3°18	11° 1	21°11	F 18
S 19	11 43 41	27°42'42	24°54	0 ₩15	12°42	11°38	9°43	23°51	24°26	2° 0	2°35	4°12	3°15	11° 8	21°14	S 19
S 20	11 47 37	28°42'28	9 ₾ 30	1°20	13°47	12°26	9°39	23°58	24°25	2° 0	2°34	4°10	3°11	11°14	21°16	S 20
M21	11 51 34	29°42'12	23°49	2°28	14°52	13°13	9°35	24° 6	24°24	2° 1	2°33	4° 7	3° 8	11°21	21°19	M21
T 22	11 55 31	0 Ƴ 41'54	7 M .46	3°38	15°57	14° 0	9°31	24°13	24°23	2° 1	2°31	4° 3	3° 5	11°28	21°22	T 22
W23	11 59 27	1°41'35	21°17	4°50	17° 1	14°47	9°26	24°20	24°21	2° 1	2°30	3°58	3° 2	11°34	21°25	W23
T 24	12 3 24	2°41'14	4 ₹ 23	6° 3	18° 5	15°34	9°21	24°28	24°20	2° 2	2°29	3°55	2°59	11°41	21°28	T 24
F 25	12 7 20	3°40'51	17° 5	7°19	19° 9	16°21	9°16	24°35	24°19	2° 2	2°27	3°52	2°56	11°48	21°31	F 25
S 26	12 11 17	4°40'27	29°27	8°37	20°12	17° 9	9°11	24°42	24°18	2° 2	2°26	3°D51	2°52	11°54	21°34	S 26
S 27	12 15 13	5°40'01	11 る 32	9°56	21°15	17°56	9° 6	24°50	24°16	2° 3	2°24	3°51	2°49	12° 1	21°37	S 27
M28	12 19 10	6°39'33	23°27	11°17	22°18	18°43	9° 1	24°57	24°15	2° 3	2°23	3°52	2°46	12° 8	21°41	M28
T 29	12 23 6	7°39'03	5≈16	12°40	23°20	19°30	8°55	25° 4	24°14	2° 4	2°21	3°54	2°43	12°14	21°44	T 29
W30	12 27 3	8°38'32	17° 3	14° 4	24°22	20°17	8°49	25°12	24°12	2° 4	2°20	3°56	2°40	12°21	21°47	W30
T 31	12 31 0	9 Y 37'58	28≈54	15 ∺ 30	25 8 24	21 米 4	8 M .44	25 米 19	24 M 11	295 5	2 M 18	3°R57	2) 37	12 ≈ 28	21850	T 31

Day	0	D	ğ	Ф	ð	4	ħ)Å(卉	Р	v v	ţ	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
T 1 W 2			12s 2 2n3 12 19 2			13 s39 1n22 13 38 1 22			22n15 1s 9 22 15 1 9	3n51 17n19 3 51 17 19	9s56 9s58 9 55 9 59	20s 3	15n22 2s35 15 23 2 35
T 3			12 35 2	5 10 15 0 42		13 38 1 22			22 15 1 9	3 52 17 20	9 55 10 (
F 4		10 46 0 11	12 48 1 5		12 33 1 6			18 35 0 19		3 53 17 20	9 55 10 1	19 56	
S 5	6 24	5 16 0n56	12 59 1 3	38 11 13 0 51	12 16 1 6	13 37 1 23	4 52 1 54	18 35 0 19	22 15 1 9	3 53 17 21	9 55 10 2	19 53	15 24 2 35
S 6	6 1			24 11 42 0 56		13 36 1 23			22 15 1 9	3 54 17 21		19 51	
M 7 T 8	5 38				11 43 1 6 11 26 1 6	13 35 1 23 13 34 1 23	-	18 35 0 19 18 35 0 19	22 15 1 9 22 15 1 9	3 55 17 22 3 56 17 22	9 56 10 4 9 56 10 6	19 48 19 46	
W 9	-		13 25 0 4		-	13 34 1 23	-	18 35 0 19		3 56 17 22		19 43	
T 10	4 27			32 13 34 1 14	-	13 33 1 23			22 15 1 9	3 57 17 23		19 40	
F 11	4 4	25 18 5 16	13 26 0 2	20 14 2 1 19	10 34 1 6	13 32 1 24	4 34 1 54	18 35 0 19	22 15 1 9	3 58 17 23	9 58 10 9		
S 12	3 40	27 34 5 12	13 24 0	8 14 29 1 23	10 16 1 6	13 31 1 24	4 32 1 54	18 34 0 19	22 15 1 9	3 58 17 24	9 59 10 10	19 35	15 29 2 34
S 13	3 17	-		3 14 55 1 28	9 59 1 6		-		22 15 1 9	3 59 17 24	9 59 10 11		
M14		27 5 4 12			9 41 1 6					4 0 17 24	9 58 10 13		
T 15 W16	2 29	24 9 3 16		25 15 48 1 37 35 16 13 1 42	9 24 1 6		-			4 1 17 25	9 58 10 14 9 57 10 15		
T 17	2 6 1 42	19 38 2 7 13 51 0 49	12 58 0 3 12 47 0 4		9 6 1 6 8 48 1 6					4 1 17 25 4 2 17 26	9 57 10 13		
F 18	1 18			54 17 3 1 51	8 30 1 6					4 3 17 26	9 57 10 17		
S 19	0 55			3 17 28 1 56		13 22 1 25			22 16 1 8	4 4 17 26	9 57 10 18		
S 20	0 31	6s33 3 2	12 6 1	11 17 52 2 0	7 54 1 6	13 20 1 25	4 8 1 54	18 33 0 19	22 16 1 8	4 4 17 27	9 58 10 19	19 14	15 35 2 34
M21	0 7	12 57 4 0	11 49 1	19 18 16 2 5	7 36 1 5	13 19 1 25	4 6 1 54	18 32 0 19	22 16 1 8	4 5 17 27	9 59 10 21	19 12	15 36 2 34
T 22			11 31 1 2		7 18 1 5		-				10 1 10 22		15 36 2 34
W23				34 19 2 2 14	6 59 1 5		-	18 32 0 19		4 7 17 28			15 37 2 34
T 24				41 19 25 2 19	6 41 1 5	-		18 32 0 19		4 7 17 28			15 38 2 34
F 25 S 26	1 28 1 51			47 19 47 2 23 53 20 9 2 28	6 23 1 5 6 4 1 5			18 31 0 19 18 31 0 19					15 39 2 34 15 40 2 34
	1 31	28 8 4 43	10 4 1 5	53 20 9 2 28	6 4 1 5	13 11 1 26	2 21 1 22	10 31 0 19	22 16 1 8	4 9 17 28	10 5 10 26	18 38	13 40 2 34
S 27	2 15			58 20 30 2 32		13 9 1 26			22 16 1 8	4 9 17 29			
M28	2 38			3 20 51 2 37		13 7 1 26			22 16 1 8	4 10 17 29			
T 29		21 22 2 31	8 45 2	7 21 11 2 41	5 8 1 4				22 16 1 8	4 11 17 29			
W30 T 31	3 25 3n49	17 9 1 31 12s16 0s28	8 17 2 1 7 s 47 2 s	11 21 31 2 45 s15 21n50 2n50	4 50 1 4 4s31 1s 4	13 3 1 27 13s 1 1n27			22 16 1 8 22n16 1s 8	4 12 17 29 4n12 17n20	10 3 10 31 10s 3 10s32		
1 31	3n49	12810 US28	/S4/ ZS.	813 Z1N3U ZN3U	4831 18 4	138 I In2/	383/ 1833	16 S29 Un19	22n10 18 8	4n12 1/n30	108 3 10832	18845	131144 2834

Julian Day Number = 2535974.5, Delta T = 196.71 sec Ecliptic obliquity = 23°24'42, Nutation = 0°00'09, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 27°58'15, Lahiri = 27°05'16

APRIL 2231 00:00 UT

VI 1/2	L LLJ.	-													00.0	0 0.
Day	Sid.t	0)	ğ	Q.	ď	4	ħ)∤(卉	Р	u	ນ	Ç	ę,	Day
F 1	12 34 56	10 Y 37'23	10) 52	16 米 57	26 8 25	21 米 51	8°R38	25 米 26	24°R 9	29 5	2°R17	3°R57	2) 33	12≈34	21 8 54	F 1
S 2	12 38 53	11°36'46	23° 1	18°26	27°26	22°38	8MJ32	25°33	24 M 7	2° 6	2 M .15	3 ¥ 55	2°30	12°41	21°57	S 2
S 3	12 42 49	12°36'06	5 Υ 22	19°57	28°27	23°25	8°25	25°41	24° 6	2° 7	2°14	3°51	2°27	12°48	22° 0	S 3
M 4	12 46 46	13°35'25	17°57	21°28	29°27	24°12	8°19	25°48	24° 4	2° 7	2°12	3°46	2°24	12°54	22° 4	M 4
T 5	12 50 42	14°34'42	0 8 46	23° 2	0 Ⅲ 27	24°59	8°13	25°55	24° 2	2° 8	2°11	3°39	2°21	13° 1	22° 7	T 5
W 6	12 54 39	15°33'57	13°49	24°36	1°27	25°46	8° 6	26° 2	24° 1	2° 9	2° 9	3°32	2°17	13° 8	22°11	W 6
T 7	12 58 35	16°33'09	27° 6	26°13	2°26	26°33	8° 0	26° 9	23°59	2°10	2° 7	3°24	2°14	13°14	22°14	T 7
F 8	13 2 32	17°32'20	10 Ⅲ 35	27°50	3°24	27°20	7°53	26°16	23°57	2°11	2° 6	3°18	2°11	13°21	22°18	F 8
S 9	13 6 29	18°31'28	24°15	29°29	4°22	28° 7	7°46	26°23	23°55	2°11	2° 4	3°14	2° 8	13°28	22°21	S 9
S 10	13 10 25	19°30'34	8 9 6	1 Υ 10	5°20	28°54	7°39	26°30	23°53	2°12	2° 3	3°11	2° 5	13°34	22°25	S 10
M11	13 14 22	20°29'38	22° 6	2°52	6°17	29°41	7°32	26°37	23°51	2°13	2° 1	3°D11	2° 2	13°41	22°29	M11
T 12	13 18 18	21°28'39	6 Ω 15	4°35	7°13	0 Υ 28	7°25	26°44	23°49	2°14	1°59	3°11	1°58	13°47	22°32	T 12
W13	13 22 15	22°27'38	20°31	6°20	8° 9	1°14	7°18	26°51	23°47	2°15	1°58	3°13	1°55	13°54	22°36	W13
T 14	13 26 11	23°26'34	4 m 53	8° 7	9° 5	2° 1	7°11	26°58	23°45	2°16	1°56	3°R13	1°52	14° 1	22°40	T 14
F 15	13 30 8	24°25'28	19°17	9°55	10° 0	2°48	7° 4	27° 5	23°43	2°17	1°54	3°12	1°49	14° 7	22°43	F 15
S 16	13 34 4	25°24'20	3 ₾ 39	11°44	10°54	3°35	6°56	27°12	23°41	2°18	1°53	3° 9	1°46	14°14	22°47	S 16
S 17	13 38 1	26°23'10	17°54	13°35	11°48	4°21	6°49	27°19	23°39	2°19	1°51	3° 3	1°43	14°21	22°51	S 17
M18	13 41 58	27°21'58	1 M 58	15°27	12°41	5° 8	6°41	27°25	23°37	2°21	1°49	2°55	1°39	14°27	22°55	M18
T 19	13 45 54	28°20'44	15°44	17°21	13°33	5°55	6°34	27°32	23°35	2°22	1°48	2°46	1°36	14°34	22°59	T 19
W20	13 49 51	29°19'28	29°11	19°17	14°25	6°41	6°26	27°39	23°32	2°23	1°46	2°36	1°33	14°41	23° 3	W20
T 21	13 53 47	0818'11	12 × 15	21°14	15°16	7°28	6°19	27°46	23°30	2°24	1°44	2°28	1°30	14°47	23° 6	T 21
F 22	13 57 44	1°16'51	2 <u>4</u> °58	23°12	16° 6	8°14	6°11	27°52	23°28	2°25	1°42	2°20	1°27	14°54	23°10	F 22
S 23	14 1 40	2°15'30	7 궁 21	25°12	16°55	9° 1	6° 4	27°59	23°26	2°27	1°41	2°15	1°23	15° 1	23°14	S 23
S 24	14 5 37	3°14'08	19°29	27°13	17°44	9°47	5°56	28° 5	23°23	2°28	1°39	2°12	1°20	15° 7	23°18	S 24
M25	14 9 33	4°12'43	1≈24	29°16	18°32	10°34	5°48	28°12	23°21	2°29	1°37	2°D11	1°17	15°14	23°22	M25
T 26	14 13 30	5°11'17	13°14	1820	19°19	11°20	5°41	28°18	23°19	2°31	1°36	2°11	1°14	15°21	23°26	T 26
W27	14 17 27	6° 9'49	25° 2	3°25	20° 5	12° 7	5°33	28°25	23°16	2°32	1°34	2°11	1°11	15°27	23°30	W27
T 28	14 21 23	7° 8'20	6 ¥ 55	5°32	20°50	12°53	5°25	28°31	23°14	2°33	1°32	2°R11	1° 8	15°34	23°34	T 28
F 29	14 25 20	8° 6'48	18°58	7°39	21°35	13°39	5°18	28°37	23°11	2°35	1°31	2°10	1° 4	15°41	23°38	F 29
S 30	14 29 16	9 8 5'16	1 Y 13	9 8 47	22 I I18	14 Y 26	5 M ₊10	28) 44	23M 9	2936	1 M 29	2) 6	1) (1	15≈47	23842	S 30

Day	0	D	3	Į.	φ	ď	7	2	+	ħ	<u>.</u>)į	(#	(В	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
F 1 S 2	4n12 4 35	6s54 On 1 13 1				4s12 3 54		13 s 0 12 57	1n27 1 27	3 s34 3 32		18 s29 18 28		22n16 22 16	1 s 8 1 8	4n13 17n3 4 14 17 3					2 s34 2 34
S 3 M 4 T 5 W 6	4 58 5 21 5 44 6 7	4n37 2 10 22 3 15 47 4 20 36 4	36 5 35 20 4 59	2 24 23 2 25 23		3 35 3 16 2 57 2 39	1 4 1 3 1 3 1 3	12 53 12 51	1 27 1 27 1 27 1 27	3 29 3 26 3 23 3 21	1 55 1 55	18 28 18 28 18 27 18 27		22 16	1 8 1 8 1 7 1 7	4 14 17 3 4 15 17 3 4 16 17 3 4 16 17 3	1 10 3	5 10 35 7 10 37 9 10 38 2 10 39	18 34 18 32	15 47 15 48	2 33 2 33 2 33 2 33
T 7 F 8 S 9	6 30 6 53 7 15	27 4 5 28 5 4		2 25 24 2 25 24	4 22 3 26	2 20 2 1 1 42		12 45 12 42	1 27 1 27 1 27	3 18 3 15 3 12	1 56 1 56	18 26 18 25	0 19 0 19	22 16 22 16	1 7 1 7 1 7	4 17 17 3 4 18 17 3 4 18 17 3	1 10 17	10 41 10 42	18 23 18 21	15 51 15 52	2 33 2 33 2 33
S 10 M11 T 12 W13 T 14 F 15 S 16	-	24 57 3 20 57 2 15 43 1 9 34 0s	23 1 2 20 0 19 8 0n26 9 1 10 25 1 56	2 21 24 2 19 25 2 16 25 2 13 25 2 9 25	4 50 3 34 5 4 3 37 5 16 3 41 5 29 3 44 5 40 3 47	1 23 1 4 0 46 0 27 0 8 0n11 0 30	1 2 1 2 1 1 1 1 1 1 1 1		1 27 1 28 1 28 1 28 1 28 1 28 1 28	3 10 3 7 3 4 3 2 2 59 2 56 2 54	1 56 1 56 1 56 1 56 1 57	18 23	0 19 0 19 0 19 0 19 0 19	22 16 22 16	1 7 1 7 1 7 1 7 1 7 1 7 1 7	4 19 17 3 4 20 17 3 4 20 17 3 4 21 17 3 4 22 17 3 4 22 17 3 4 23 17 3	2 10 20 2 10 19 2 10 19 2 10 19 2 10 19	10 44 0 10 46 0 10 47 0 10 48 0 10 49	18 15 18 13 18 10 18 7 18 4	15 54 15 55	2 33 2 33 2 33 2 33 2 33 2 33 2 33
S 17 M18 T 19 W20 T 21 F 22 S 23	10 31 10 52 11 13 11 34 11 54	24 54 5 27 12 5	22 4 18 52 5 7 5 5 57 1 6 47 42 7 38	1 55 26 1 49 26 1 43 26 1 36 26 1 29 26	6 2 3 54 6 12 3 57 6 22 3 59 6 31 4 2 6 39 4 5 6 47 4 7 6 54 4 10	0 48 1 7 1 26 1 45 2 3 2 22 2 40	1 0 1 0 0 59 0 59 0 59	12 24 12 21 12 19 12 16 12 14 12 11 12 9	1 28 1 28 1 28 1 28 1 28 1 28 1 28	2 51 2 49 2 46 2 44 2 41 2 39 2 36	1 57 1 57 1 57 1 57 1 57	18 21 18 21 18 20 18 20 18 19 18 19 18 18	0 19 0 19 0 19 0 19 0 19	22 17	1 7 1 7 1 7 1 7 1 7 1 7 1 7	4 23 17 3 4 24 17 3 4 25 17 3 4 25 17 3 4 26 17 3 4 26 17 3 4 27 17 3	2 10 25 2 10 29 2 10 32 2 10 35 2 10 38	5 10 52 0 10 54 2 10 55 5 10 56 8 10 57	17 56 17 53 17 51 17 48 17 45	16 0 16 1 16 2 16 3 16 4	2 33 2 33 2 33 2 33 2 34 2 34 2 34
S 24 M25 T 26 W27 T 28 F 29 S 30	12 55	18 25 1 13 46 0 8 34 0n 3 1 1	37 10 12 40 11 3 38 11 55 25 12 47	1 4 27 0 55 27 0 46 27 0 36 27 0 26 27	7 8 4 14 7 14 4 16 7 19 4 17 7 24 4 19 7 28 4 20	2 59 3 17 3 36 3 54 4 13 4 31 4n49	0 58 0 57 0 57 0 57 0 56		1 28 1 28 1 28 1 28 1 28 1 27 1n27	2 34 2 31 2 29 2 26 2 24 2 22 2s19	1 58 1 58 1 58 1 58 1 59	18 18 18 17 18 16 18 16 18 15 18 15 18 15	0 19 0 19 0 19 0 19 0 19	22 17 22 17	1 7 1 7 1 7 1 7 1 7 1 6 1 s 6	4 27 17 3 4 28 17 3 4 28 17 3 4 29 17 3 4 29 17 3 4 30 17 3 4n30 17n3	2 10 41 2 10 41 2 10 41 2 10 41 2 10 41	11 0 11 1 11 3 11 4 11 5	17 37 17 34 17 31 17 28 17 26	16 7 16 8 16 9 16 10 16 11	2 34 2 34 2 34 2 34 2 34 2 34 2 34

Julian Day Number = 2536005.5, Delta T = 196.81 sec Ecliptic obliquity = 23°24'42, Nutation = 0°00'08, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 27°58'20, Lahiri = 27°05'20

MAY 2231 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	4	ħ)∤(¥	Р	r	u	Ç	Ŷ,	Day
S 1	14 33 13	10 8 3'41	13 Y 46	11855	23 I I 0	15 Y 12	5°R 2	28 米 50	23°R 7	2938	1°R27	2°R 0	0) ₹58	15≈54	23846	S 1
M 2	14 37 9	11° 2'05	26°36	14° 4	23°41	15°58	4 M .55	28°56	23 M 4	2°39	1 M 26	1) 51	0°55	16° 0	23°50	M 2
T 3	14 41 6	12° 0'27	9 8 46	16°13	24°22	16°44	4°47	29° 2	23° 2	2°41	1°24	1°41	0°52	16° 7	23°55	T 3
W 4	14 45 2	12°58'47	23°13	18°22	25° 1	17°30	4°39	29° 8	22°59	2°42	1°22	1°29	0°49	16°14	23°59	W 4
T 5	14 48 59	13°57'06	6 II 55	20°30	25°39	18°17	4°32	29°14	22°57	2°44	1°21	1°18	0°45	16°20	24° 3	T 5
F 6	14 52 56	14°55'23	20°49	22°38	26°15	19° 3	4°25	29°20	22°54	2°46	1°19	1° 8	0°42	16°27	24° 7	F 6
S 7	14 56 52	15°53'38	4951	24°44	26°51	19°49	4°17	29°26	22°52	2°47	1°17	1° 0	0°39	16°34	24°11	S 7
S 8	15 0 49	16°51'51	18°57	26°49	27°25	20°35	4°10	29°32	22°49	2°49	1°16	0°55	0°36	16°40	24°15	S 8
M 9	15 4 45	17°50'01	3 Ω 4	28°53	27°57	21°21	4° 2	29°37	22°47	2°51	1°14	0°53	0°33	16°47	24°19	M 9
T 10	15 8 42	18°48'10	17°12	0耳55	28°28	22° 6	3°55	29°43	22°44	2°52	1°13	0°D52	0°29	16°54	24°23	T 10
W11	15 12 38	19°46'17	1 m)18	2°54	28°58	22°52	3°48	29°49	22°42	2°54	1°11	0°R52	0°26	17° 0	24°28	W11
T 12	15 16 35	20°44'22	15°23	4°51	29°26	23°38	3°41	29°54	22°39	2°56	1° 9	0°52	0°23	17° 7	24°32	T 12
F 13	15 20 31	21°42'24	29°24	6°45	29°53	24°24	3°34	29°59	22°37	2°58	1° 8	0°49	0°20	17°14	24°36	F 13
S 14	15 24 28	22°40'25	13 ≏ 21	8°37	09୍ତ18	25° 9	3°27	0 Υ 5	22°34	2°59	1° 6	0°44	0°17	17°20	24°40	S 14
S 15	15 28 25	23°38'24	27°10	10°25	0°41	25°55	3°20	0°11	22°32	3° 1	1° 5	0°37	0°14	17°27	24°44	S 15
M16	15 32 21	24°36'22	10 M 49	12°10	1° 2	26°41	3°13	0°16	22°29	3° 3	1° 3	0°26	0°10	17°34	24°48	M16
T 17	15 36 18	25°34'18	24°16	13°52	1°22	27°26	3° 7	0°21	22°27	3° 5	1° 2	0°14	0° 7	17°40	24°53	T 17
W18	15 40 14	26°32'12	7 .₹ 27	15°31	1°39	28°12	3° 0	0°27	22°24	3° 7	1° 0	0° 2	0° 4	17°47	24°57	W18
T 19	15 44 11	27°30'05	20°20	17° 6	1°55	28°57	2°54	0°32	22°22	3° 9	0°59	29≈49	0° 1	17°54	25° 1	T 19
F 20	15 48 7	28°27'57	2 ප 56	18°38	2° 9	29°43	2°47	0°37	22°19	3°10	0°57	29°39	29≈58	18° 0	25° 5	F 20
S 21	15 52 4	29°25'47	15°16	20° 7	2°20	0828	2°41	0°42	22°17	3°12	0°56	29°31	29°55	18° 7	25° 9	S 21
S 22	15 56 0	0Ⅲ23'36	27°21	21°31	2°29	1°13	2°35	0°47	22°14	3°14	0°54	29°26	29°51	18°13	25°13	S 22
M23	15 59 57	1°21'23	9≈17	22°52	2°37	1°59	2°29	0°52	22°12	3°16	0°53	29°23	29°48	18°20	25°18	M23
T 24	16 3 54	2°19'10	21° 6	24°10	2°42	2°44	2°23	0°56	22° 9	3°18	0°52	29°22	29°45	18°27	25°22	T 24
W25	16 7 50	3°16'55	2) 55	25°23	2°44	3°29	2°17	1° 1	22° 7	3°20	0°50	29°22	29°42	18°33	25°26	W25
T 26	16 11 47	4°14'40	14°48	26°33	2°R45	4°14	2°12	1° 6	22° 4	3°22	0°49	29°21	29°39	18°40	25°30	T 26
F 27	16 15 43	5°12'23	26°52	27°39	2°43	4°59	2° 6	1°10	22° 2	3°24	0°48	29°20	29°35	18°47	25°34	F 27
S 28	16 19 40	6°10'05	9 Υ 11	28°41	2°38	5°45	2° 1	1°15	21°59	3°26	0°46	29°16	29°32	18°53	25°38	S 28
S 29	16 23 36	7° 7'46	21°50	29°39	2°32	6°30	1°56	1°19	21°57	3°28	0°45	29°10	29°29	19° 0	25°42	S 29
M30	16 27 33	8° 5'26	4 8 51	0933	2°22	7°14	1°51	1°24	21°54	3°30	0°44	29° 2	29°26	19° 7	25°46	M30
T 31	16 31 29	9Ⅱ 3'05	18 8 15	19523	29911	7 8 59	1 M .46	1 Υ 28	21 M 52	3932	0 M .42	28≈51	29≈23	19≈13	25 8 51	T 31

Day	0	D	ζ	ç)	♂	24	ŀ	ħ	<u> </u>)į	ξ(¥	В	n	Ω	Ç	Š,
	decl	decl lat	decl	lat decl	lat dec	lat	decl	lat	decl	lat	decl	lat	decl lat	decl lat	decl	decl	decl	decl lat
S 1 M 2 T 3 W 4 T 5 F 6 S 7 S 8 M 9 T 10 W11 T 12	16 18 16 35 16 51 17 8 17 24 17 40 17 55	14 5 4 7 19 9 4 40 23 22 4 59 26 22 5 0 27 49 4 44 27 30 4 11 25 25 3 23 21 45 2 22 16 48 1 12 10 58 0s 2 4 35 1 16	16 55 17 42 18 27 19 10 19 52 20 31 21 8 21 43 22 16 22 46	0n 5 27 39 0 16 27 41 0 26 27 43 0 37 27 44 0 47 27 46 0 58 27 46 1 17 27 46 1 17 27 46 1 26 27 45 1 35 27 44 1 43 27 43	4 24 6 1 4 24 6 3 4 24 6 5 4 23 7 1 4 22 7 3 4 21 7 4 4 20 8 4 18 8 2	6 0 55 6 0 55 2 0 54 9 0 54 7 0 54 5 0 53 8 0 53 8 0 52 9 0 54 9 0 54	11 37 11 34 11 32 11 30 11 27 11 25 11 23	1n27 1 27 1 27 1 27 1 27 1 27 1 27 1 27 1	2 s 1 7 2 1 5 2 1 2 2 1 0 2 8 2 6 6 2 4 2 1 1 5 9 1 5 7 1 5 5 5 1 5 3	1 59 1 59 1 59 2 0 2 0 2 0 2 0 2 0 2 0 2 0 2 1 2 1	18 s13 18 13 18 12 18 12 18 11 18 10 18 10 18 8 18 8 18 7 18 7	0n19 0 19 0 19 0 19 0 19 0 19 0 19 0 19 0	22 17 1 6 22 17 1 6	4 31 17 3: 4 32 17 3: 4 32 17 3: 4 33 17 3 4 33 17 3 4 33 17 3 4 34 17 3 4 34 17 3 4 35 17 3 4 35 17 3	2 10 48 2 10 52 1 10 56 1 11 0 1 11 4 1 11 6 1 11 8 1 11 9 1 11 9 0 11 9	11 8 11 9 11 10 11 12 11 13 11 14 11 15 11 16 11 17 11 18 11 19	17 17 17 14 17 12 17 9 17 6 17 3 17 0 16 57 16 55 16 52 16 49	16 14 2 34 16 15 2 34 16 16 2 34 16 17 2 34 16 18 2 34 16 19 2 34 16 20 2 34 16 21 2 34 16 22 2 34 16 23 2 34
F 13 S 14 S 15 M16 T 17 W18 T 19 F 20 S 21	19 8 19 21 19 35 19 48	8 24 3 24 14 21 4 11 19 32 4 43 23 38 4 59 26 25 4 58 27 44 4 42 27 35 4 12	24 20 24 38 24 53	1 50 27 41 1 57 27 38 2 3 27 36 2 8 27 33 2 12 27 29 2 16 27 25 2 19 27 21 2 21 27 16 2 22 27 11	4 16 8 4 4 14 8 5 4 11 9 1 4 8 9 3 4 5 9 4 4 1 10 3 57 10 2 3 53 10 3 3 48 10 5	7 0 50 4 0 50 1 0 49 8 0 49 4 0 48 1 0 48 7 0 47	11 18 11 16 11 14 11 12 11 10 11 8 11 6	1 26 1 26 1 26 1 26 1 25 1 25 1 25 1 25 1 25	1 51 1 49 1 47 1 45 1 43 1 41 1 39 1 38 1 36	2 2 2 2 2 2	18 3 18 3 18 2	0 19 0 19 0 19 0 19 0 19 0 19 0 19	22 17 1 6 22 17 1 6 22 17 1 6 22 17 1 6 22 17 1 6		0 11 12 9 11 15 9 11 18 9 11 23 9 11 27 8 11 31 8 11 35	11 22 11 23 11 24 11 25 11 26 11 27 11 28	16 43 16 40 16 38 16 35 16 32 16 29 16 26	16 25 2 35 16 26 2 35 16 27 2 35 16 28 2 35 16 28 2 35 16 29 2 35 16 30 2 35
M30	20 24 20 36 20 47 20 58 21 9 21 19	19 35 1 44 15 8 0 44 10 8 0n19 4 44 1 21 0n54 2 20 6 37 3 14 12 12 4 0 17 26 4 35	25 30 25 34 25 37 25 37 25 36 25 33 25 29 25 23 25 16 25n 8	2 22 27 6 2 21 27 0 2 20 26 53 2 17 26 47 2 14 26 40 2 10 26 32 2 5 26 24 1 59 26 16 1 52 26 7 1n44 25n58	3 42 11 1 3 37 11 2 3 30 11 4 3 24 11 5 3 17 12 1 3 9 12 2 3 1 12 4 2 53 13 2 44 13 1 2n34 13n3	6 0 46 2 0 45 8 0 45 4 0 44 9 0 44 5 0 43 0 0 42 5 0 42	11 0 10 58 10 56 10 55 10 53	1 25 1 24 1 24 1 24 1 24 1 23 1 23 1 23 1 n23	1 34 1 32 1 31 1 29 1 27 1 26 1 24 1 23 1 21 1 s20	2 3 2 4 2 4 2 4 2 4 2 5	18 0 17 59 17 58 17 58	0 19 0 19 0 19 0 19 0 19 0 19 0 19 0 19	22 17 1 6 22 17 1 6	4 38 17 2 4 38 17 2	7 11 41 7 11 41 7 11 41 6 11 41 6 11 42 6 11 43 5 11 45 5 11 48	11 32 11 33 11 34 11 35 11 36 11 37 11 38 11 39	16 17 16 15 16 12 16 9 16 6 16 3 16 0 15 57	16 33 2 35 16 34 2 35 16 35 2 36 16 36 2 36 16 36 2 36 16 37 2 36 16 38 2 36 16 39 2 36

Julian Day Number = 2536035.5, Delta T = 196.91 sec Ecliptic obliquity = 23°24'41, Nutation = 0°00'07, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 27°58'24, Lahiri = 27°05'24

JUNE 2231 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ)Å(卉	Р	ß	Ω	Ç	ę,	Day
W 1	16 35 26	10 I I 0'43	2 I 1	295 8	1°R57	8 8 44	1°R41	1 Y 32	21°R50	3934	0°R41	28°R40	29≈20	19≈20	25 8 55	W 1
T 2	16 39 23	10°58'20	16° 7	2°50	19541	9°29	1 M .36	1°36	21 M 47	3°37	0 M .40	28≈28	29°16	19°27	25°59	T 2
F 3	16 43 19	11°55'56	09526	3°27	1°22	10°14	1°32	1°40	21°45	3°39	0°39	28°18	29°13	19°33	26° 3	F 3
S 4	16 47 16	12°53'30	14°53	3°59	1° 1	10°58	1°28	1°44	21°43	3°41	0°38	28°10	29°10	19°40	26° 7	S 4
S 5	16 51 12	13°51'04	29°22	4°27	0°38	11°43	1°24	1°48	21°40	3°43	0°37	28° 5	29° 7	19°47	26°11	S 5
M 6	16 55 9	14°48'36	13 Ω 47	4°51	0°12	12°28	1°20	1°52	21°38	3°45	0°36	28° 3	29° 4	19°53	26°15	M 6
T 7	16 59 5	15°46'06	28° 5	5°10	29∏45	13°12	1°16	1°55	21°36	3°47	0°34	28°D 2	29° 1	20° 0	26°19	T 7
W 8	17 3 2	16°43'35	12 m) 15	5°24	29°16	13°57	1°12	1°59	21°34	3°49	0°33	28°R 2	28°57	20° 6	26°23	W 8
T 9	17 6 58	17°41'03	26°14	5°34	28°45	14°41	1° 9	2° 3	21°32	3°51	0°32	28° 2	28°54	20°13	26°27	T 9
F 10	17 10 55	18°38'30	10 ♀ 2	5°39	28°12	15°25	1° 5	2° 6	21°29	3°54	0°31	28° 0	28°51	20°20	26°31	F 10
S 11	17 14 52	19°35'55	23°40	5°R39	27°38	16°10	1° 2	2° 9	21°27	3°56	0°30	27°56	28°48	20°26	26°35	S 11
S 12	17 18 48	20°33'20	7 m . 7	5°35	27° 3	16°54	0°59	2°13	21°25	3°58	0°29	27°50	28°45	20°33	26°39	S 12
M13	17 22 45	21°30'43	20°23	5°27	26°27	17°38	0°56	2°16	21°23	4° 0	0°29	27°41	28°41	20°40	26°43	M13
T 14	17 26 41	22°28'05	3 ₹ 26	5°15	25°50	18°22	0°54	2°19	21°21	4° 2	0°28	27°30	28°38	20°46	26°46	T 14
W15	17 30 38	23°25'27	16°17	4°58	25°13	19° 6	0°51	2°22	21°19	4° 5	0°27	27°19	28°35	20°53	26°50	W15
T 16	17 34 34	24°22'48	28°54	4°38	24°35	19°50	0°49	2°25	21°17	4° 7	0°26	27° 9	28°32	21° 0	26°54	T 16
F 17	17 38 31	25°20'08	11 궁 17	4°14	23°57	20°34	0°47	2°28	21°15	4° 9	0°25	27° 0	28°29	21° 6	26°58	F 17
S 18	17 42 28	26°17'27	23°28	3°48	23°20	21°18	0°45	2°30	21°13	4°11	0°24	26°52	28°26	21°13	27° 2	S 18
S 19	17 46 24	27°14'46	5≈29	3°18	22°43	22° 2	0°43	2°33	21°11	4°13	0°24	26°48	28°22	21°20	27° 5	S 19
M20	17 50 21	28°12'04	17°21	2°47	22° 7	22°46	0°42	2°35	21° 9	4°16	0°23	26°45	28°19	21°26	27° 9	M20
T 21	17 54 17	29° 9'22	29° 9	2°14	21°31	23°29	0°40	2°38	21° 8	4°18	0°22	26°D45	28°16	21°33	27°13	T 21
W22	17 58 14	09 6'39	10) (57	1°41	20°57	24°13	0°39	2°40	21° 6	4°20	0°22	26°46	28°13	21°40	27°17	W22
T 23	18 2 10	1° 3'56	22°50	1° 6	20°24	24°57	0°38	2°42	21° 4	4°22	0°21	26°47	28°10	21°46	27°20	T 23
F 24	18 6 7	2° 1'13	4 Υ 54	0°32	19°53	25°40	0°37	2°45	21° 2	4°25	0°21	26°R47	28° 6	21°53	27°24	F 24
S 25	18 10 3	2°58'29	17°13	29∏59	19°23	26°24	0°37	2°47	21° 1	4°27	0°20	26°46	28° 3	21°59	27°28	S 25
S 26	18 14 0	3°55'46	29°52	29°27	18°55	27° 7	0°36	2°49	20°59	4°29	0°19	26°43	28° 0	22° 6	27°31	S 26
M27	18 17 57	4°53'02	12856	28°57	18°29	27°50	0°36	2°50	20°58	4°31	0°19	26°38	27°57	22°13	27°35	M27
T 28	18 21 53	5°50'18	26°25	28°29	18° 6	28°34	0°D36	2°52	20°56	4°33	0°19	26°31	27°54	22°19	27°38	T 28
W29	18 25 50	6°47'34	10Ⅱ21	28° 4	17°44	29°17	0°36	2°54	20°54	4°36	0°18	26°23	27°51	22°26	27°42	W29
T 30	18 29 46	79544'50	24∏40	27 ∏ 42	17 Ⅱ 25	29 8 59	0 M .36	2 Υ 55	20 M 53	4938	OM 18	26≈16	27≈47	22≈33	27 8 45	T 30

Day	0	D	3		φ	ď	2	+	ħ	<u> </u>);	ł(, ‡	(Р	n	U	ţ	ķ	
	decl	decl lat	decl	lat dec	l lat d	ecl lat	decl	lat	decl	lat	decl	lat	decl	lat	decl lat	decl	decl	decl	decl la	at
W 1	21n56	25n27 5n	1 24n59	1n35 25n4	3 2n24 13	45 0s41	10s45	1n23	1 s 1 8	2s 5	17 s54	0n19	22n16	1 s 5	4n39 17n24	11 s56	11 s42	15 s 5 1	16n41	2 s36
T 2	22 4	27 27 4 4	7 24 48	1 25 25 3	3 2 14 14	0 0 40	10 44	1 22	1 17	2 5	17 54	0 19	22 16	1 5	4 39 17 24	1 11 59	11 43	15 48	16 42	2 36
F 3			6 24 37				10 43	1 22	1 15		17 53		22 16	1 5	4 39 17 23			15 46		2 37
S 4	22 19	26 1 3 2	8 24 24	1 3 25 1	5 1 51 14	29 0 39	10 41	1 22	1 14	2 6	17 52	0 19	22 16	1 5	4 39 17 23	3 12 6	11 45	15 43	16 43	2 37
S 5	22 26	22 38 2 2	6 24 11	0 51 25	1 40 14	43 0 38	10 40	1 22	1 13	2 6	17 52	0 19	22 16	1 5	4 39 17 22	2 12 7	11 46	15 40	16 44	2 37
M 6	22 33	17 52 1 1	5 23 58	0 38 24 5	2 1 27 14	57 0 38	10 39	1 21	1 11	2 6	17 51	0 19	22 16	1 5	4 38 17 22	2 12 8	11 47	15 37	16 45	2 37
T 7	22 39	12 7 0s	0 23 43	0 25 24 3	1 15 15	11 0 37	10 38	1 21	1 10	2 6	17 51	0 19	22 16	1 5	4 38 17 22	2 12 9	11 48	15 34	16 46	2 37
W 8	22 45	5 48 1 1	5 23 28	0 10 24 2	5 1 2 15	25 0 37	10 37	1 21	1 9	2 7	17 50	0 19	22 16	1 5	4 38 17 2	1 12 9	11 49	15 31	16 46	2 37
T 9	22 50		4 23 13			39 0 36	10 36	1 21	1 8	2 7	17 50		-	1 5	4 38 17 2			15 28		2 37
F 10	22 56		4 22 57				10 35		1 7		17 49			1 5	4 38 17 20			15 25		2 37
S 11	23 0	13 4 4 1	1 22 41	0 37 23 4	0 21 16	6 0 35	10 34	1 20	1 6	2 7	17 48	0 18	22 16	1 5	4 38 17 20	12 11	11 53	15 22	16 49	2 38
S 12	23 5	18 20 4 4	4 22 24	0 53 23 3	0 7 16	19 0 34	10 33	1 20	1 5	2 8	17 48	0 18	22 16	1 5	4 38 17 19	12 13	11 54	15 19	16 49	2 38
M13	23 8	22 39 5	1 22 8	1 10 23 1	5 0s 7 16	32 0 34	10 33	1 20	1 4	2 8	17 47	0 18	22 16	1 5	4 38 17 19	12 16	11 55	15 16	16 50	2 38
T 14	-		1 21 51		0 21 16		10 32	1 19	1 3	2 8				1 5	4 38 17 18					2 38
W15	-		7 21 35					1 19	1 2	2 8			22 16	1 5	4 37 17 18					2 38
T 16	23 18		8 21 18					1 19	1 1	2 9	-,		-	1 5	4 37 17 17				16 52	2 38
F 17			8 21 2					1 19	1 0	2 9	-,		22 16	1 5	4 37 17 17					2 38
S 18	23 22	24 8 2 4	8 20 47	2 35 21 5	7 1 18 17	34 0 30	10 30	1 18	0 59	2 9	17 45	0 18	22 16	1 5	4 37 17 16	5 12 32	12 0	15 1	16 54	2 39
S 19	23 23	20 41 1 5	1 20 31	2 51 21 4	2 1 31 17	46 0 30	10 29	1 18	0 58	2 9	17 44	0 18	22 16	1 5	4 37 17 10	12 34	12 2	14 59	16 55	2 39
M20	-		0 20 17					1 18	0 57		17 44		-	1 5	4 36 17 13					2 39
T 21	23 25		3 20 3	-				1 18	0 57		17 44		22 15	1 5	4 36 17 13					2 39
W22	23 25		6 19 49				10 29	1 17	0 56		17 43		22 15	1 5	4 36 17 14					2 39
T 23	23 24		6 19 37				10 29	1 17	0 55		17 43		22 15	1 5	4 36 17 14					2 39
F 24	23 24	-	0 19 26				10 29	1 17	0 55		17 42		22 15	1 5	4 35 17 13	_				2 40
S 25	23 23	10 25 3 5	8 19 16	4 9 20 1	3 2 47 18	54 0 26	10 29	1 17	0 54	2 11	17 42	0 18	22 15	1 5	4 35 17 13	12 35	12 8	14 41	16 58	2 40
S 26	-	-	5 19 7		2 58 19		10 29	1 16	0 54		17 41		22 15	1 5	4 35 17 12					2 40
M27			9 19 0					1 16	0 53		17 41	0 18		1 5	4 34 17 12					2 40
T 28			7 18 54					1 16	0 53		17 41		22 15	1 5	4 34 17 1					2 40
	23 14		8 18 49					1 15	0 52		17 40		22 15	1 5	4 34 17 1					2 41
T 30	23n11	27n49 4n3	1 18n46	4s38 19n1	3 s37 19	46 0 s 2 2	10s30	1n15	0 s 5 2	2s12	17 s40	0n18	22n15	1 s 5	4n33 17n10	12 s45	12s14	14 s 26	17n 1	2 s41

Julian Day Number = 2536066.5, Delta T = 197.01 sec Ecliptic obliquity = $23^{\circ}24'40$, Nutation = $0^{\circ}00'08$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $27^{\circ}58'28$, Lahiri = $27^{\circ}05'28$

JULY 2231 00:00 UT

																• • •
Day	Sid.t	0	D	ğ	·	ð	4	ħ)∤(¥	Р	V	v	Ç	Ŷ,	Day
F 1	18 33 43	8942'06	99518	27°R24	17°R 8	0Д43	0 M .36	2 Y 57	20°R52	49540	0°R17	26°R 9	27≈44	22≈39	27 8 48	F 1
S 2	18 37 39	9°39'21	24° 7	27 I I10	16耳53	1°26	0°37	2°58	20 M 50	4°42	0 ጤ 17	26≈ 4	27°41	22°46	27°52	S 2
S 3	18 41 36	10°36'36	8 Ω 59	27° 0	16°41	2° 9	0°38	3° 0	20°49	4°45	0°17	26° 1	27°38	22°53	27°55	S 3
M 4	18 45 32	11°33'50	23°46	26°55	16°31	2°52	0°39	3° 1	20°48	4°47	0°17	26°D 0	27°35	22°59	27°59	M 4
T 5	18 49 29	12°31'04	8 Mp 23	26°D55	16°23	3°35	0°40	3° 2	20°46	4°49	0°16	26° 0	27°32	23° 6	28° 2	T 5
W 6	18 53 26	13°28'18	22°45	26°59	16°18	4°17	0°41	3° 3	20°45	4°51	0°16	26° 1	27°28	23°13	28° 5	W 6
T 7	18 57 22	14°25'31	6 ₽ 49	27° 8	16°15	5° 0	0°43	3° 4	20°44	4°54	0°16	26° 2	27°25	23°19	28° 8	T 7
F 8	19 1 19	15°22'44	20°36	27°22	16°D15	5°43	0°44	3° 4	20°43	4°56	0°16	26°R 2	27°22	23°26	28°11	F 8
S 9	19 5 15	16°19'56	4M 6	27°41	16°16	6°25	0°46	3° 5	20°42	4°58	0°16	26° 1	27°19	23°33	28°15	S 9
S 10	19 9 12	17°17'09	17°19	28° 5	16°20	7° 8	0°48	3° 6	20°41	5° 0	0°16	25°58	27°16	23°39	28°18	S 10
M11	19 13 8	18°14'21	0 ∡ 17	28°34	16°27	7°50	0°50	3° 6	20°40	5° 2	0°D16	25°53	27°13	23°46	28°21	M11
T 12	19 17 5	19°11'33	13° 1	29° 8	16°35	8°33	0°53	3° 7	20°39	5° 5	0°16	25°47	27° 9	23°52	28°24	T 12
W13	19 21 1	20° 8'45	25°33	29°46	16°46	9°15	0°55	3° 7	20°38	5° 7	0°16	25°41	27° 6	23°59	28°27	W13
T 14	19 24 58	21° 5'56	7 云 53	0930	16°58	9°57	0°58	3° 7	20°37	5° 9	0°16	25°35	27° 3	24° 6	28°30	T 14
F 15	19 28 55	22° 3'08	20° 3	1°19	17°13	10°39	1° 1	3°R 7	20°36	5°11	0°16	25°30	27° 0	24°12	28°32	F 15
S 16	19 32 51	23° 0'20	2≈ 3	2°12	17°29	11°21	1° 4	3° 7	20°36	5°13	0°16	25°27	26°57	24°19	28°35	S 16
S 17	19 36 48	23°57'33	13°57	3°11	17°48	12° 3	1° 7	3° 7	20°35	5°15	0°16	25°25	26°53	24°26	28°38	S 17
M18	19 40 44	24°54'45	25°46	4°13	18° 8	12°45	1°10	3° 7	20°34	5°17	0°16	25°D24	26°50	24°32	28°41	M18
T 19	19 44 41	25°51'58	7 ∺ 33	5°21	18°30	13°27	1°14	3° 6	20°34	5°20	0°17	25°25	26°47	24°39	28°44	T 19
W20	19 48 37	26°49'12	19°22	6°33	18°54	14° 9	1°18	3° 6	20°33	5°22	0°17	25°26	26°44	24°46	28°46	W20
T 21	19 52 34	27°46'25	1 Υ 16	7°50	19°19	14°51	1°22	3° 5	20°33	5°24	0°17	25°28	26°41	24°52	28°49	T 21
F 22	19 56 30	28°43'40	13°19	9°11	19°46	15°33	1°26	3° 5	20°32	5°26	0°18	25°29	26°38	24°59	28°51	F 22
S 23	20 0 27	29°40'55	25°38	10°36	20°15	16°14	1°30	3° 4	20°32	5°28	0°18	25°R30	26°34	25° 6	28°54	S 23
S 24	20 4 24	$0\Omega 38'11$	8 8 15	12° 5	20°45	16°56	1°34	3° 3	20°31	5°30	0°18	25°30	26°31	25°12	28°56	S 24
M25	20 8 20	1°35'28	21°15	13°39	21°16	17°37	1°39	3° 2	20°31	5°32	0°19	25°29	26°28	25°19	28°59	M25
T 26	20 12 17	2°32'45	4 ∏ 42	15°16	21°49	18°19	1°43	3° 1	20°31	5°34	0°19	25°27	26°25	25°25	29° 1	T 26
W27	20 16 13	3°30'04	18°36	16°58	22°23	19° 0	1°48	3° 0	20°31	5°36	0°20	25°24	26°22	25°32	29° 4	W27
T 28	20 20 10	4°27'23	2957	18°43	22°59	19°41	1°53	2°59	20°31	5°38	0°20	25°21	26°19	25°39	29° 6	T 28
F 29	20 24 6	5°24'43	17°40	20°31	23°35	20°22	1°58	2°57	20°31	5°40	0°21	25°18	26°15	25°45	29° 8	F 29
S 30	20 28 3	6°22'04	2 Ω 39	22°22	24°13	21° 3	2° 4	2°56	20°D30	5°42	0°22	25°17	26°12	25°52	29°10	S 30
S 31	20 32 0	7 Ω 19′25	17 Ω 46	249516	24 ∏ 52	21 Ⅱ 45	2M 9	2 Y 54	20 M 31	59644	0 M 22	25≈16	26≈ 9	25≈59	29812	S 31

Day	0	J	Ç	ç		♂	24	-	ħ	l);	j (卉		Р	ß	U	¢	ķ	
	decl	decl lat	decl	lat decl	lat decl	lat	decl	lat	decl	lat	decl	lat	decl lat	dec	l lat	decl	decl	decl	decl lat	
F 1 S 2	23n 8 23 4		5 18n44 4 18 44	4s39 19n 3 4 39 18 53	3 s46 19n55 3 54 20 5			1n15 1 15	0s52 0 51		17 s39 17 39		22n15 1 s s 22 15 1 s		3 17n10 2 17 9	12 s47 12 49				
S 3 M 4 T 5 W 6 T 7 F 8	22 59 22 55 22 49 22 44 22 38 22 32	13 46 0 1 7 23 1s 0 44 2 2 5 s 4 9 3 2		4 38 18 45 4 35 18 37 4 31 18 30 4 26 18 24 4 20 18 18 4 13 18 13	4 1 20 14 4 8 20 22 4 14 20 32 4 20 20 42 4 25 20 49 4 30 20 58	0 20 0 19 0 18 0 17	10 31 10 32 10 32 10 33 10 34 10 35	1 14 1 14 1 14 1 14 1 13 1 13	0 51 0 51 0 51 0 50 0 50 0 50	2 13 2 14 2 14 2 14	17 39 17 38 17 38 17 38 17 38 17 37	0 18 0 18 0 18 0 18	22 15 1 2 22 15 1 2 22 14 1 2 22 14 1 2 22 14 1 2 22 14 1 3	5 4 3 5 4 3 5 4 3 6 4 3	1 17 8 1 17 7 1 17 7 0 17 6	12 50 12 50 12 50 12 50 12 49 12 49	12 18 12 19 12 20 12 21	14 14 14 11 14 8 14 5	17 4 2 4	41 42 42 42
S 9 S 10 M11 T 12	22 18 22 10	21 53 5	8 19 19 7 19 28 0 19 38 7 19 49	4 5 18 9 3 56 18 5 3 46 18 3 3 35 18 0	4 35 21 6 4 39 21 14 4 42 21 21 4 45 21 29	0 15	10 35 10 36 10 37 10 38	1 13 1 12 1 12 1 12	0 50 0 50 0 50 0 50	2 15 2 15	17 37 17 37 17 37 17 36	0 18 0 18		5 4 25 5 4 25	9 17 4	12 50 12 51 12 53 12 54	12 25 12 26	13 56 13 53	17 7 2 4 17 7 2 4	43 43
W13 T 14 F 15 S 16	21 45	27 1 3 5 24 54 3	0 20 1 1 20 12 1 20 24 4 20 36	3 24 17 59 3 12 17 58 3 0 17 57 2 47 17 57	4 48 21 36 4 50 21 43 4 52 21 56 4 54 21 56	0 12 0 11		1 12 1 11 1 11 1 11	0 51 0 51 0 51 0 51	2 16 2 16	17 36 17 36 17 36 17 36	0 18 0 18	22 14 1	4 20	6 17 2 6 17 2		-	13 43 13 40	17 9 2 4 17 9 2 4	43 44
S 17 M18 T 19 W20 T 21 F 22 S 23	21 7 20 57 20 46 20 35 20 23	12 53 0n 7 42 1 2 15 2 3n19 3 8 50 3 5	2 20 48 2 21 0 6 21 11 8 21 21 4 21 31 4 21 40	2 34 17 57 2 21 17 58 2 8 18 0 1 54 18 1 1 40 18 3 1 26 18 6	4 55 22 3 4 56 22 15 4 56 22 21 4 56 22 20 4 56 22 33	0 0 9 5 0 8 0 8 5 0 7 2 0 6	10 48 10 49 10 51 10 52	1 11 1 10 1 10 1 10 1 10 1 9 1 9	0 52 0 52 0 52 0 53 0 53 0 54	2 17 2 18 2 18 2 18 2 18 2 18	17 35 17 35 17 35 17 35 17 35 17 35 17 35	0 18 0 18 0 18 0 18 0 18	22 13 1 2 22 13 1 2 22 13 1 2 22 13 1 3	5 4 2 5 4 2 5 4 2 5 4 2 5 4 2	4 17 0 3 16 59 3 16 59 2 16 58	13 2 13 2 13 2 13 1 13 1	12 33 12 34 12 35 12 36 12 38	13 31 13 28 13 25 13 22 13 19	17 10 2 4 17 11 2 4 17 11 2 4 17 12 2 4	44 45 45 45 45
S 24 M25 T 26 W27 T 28 F 29 S 30	19 47 19 34 19 21 19 7 18 54	18 59 5 23 6 5 1 26 9 5 1 27 44 4 5 27 33 4 1 25 26 3 1	3 21 47 1 21 53 4 21 58 1 22 1 0 22 1 0 22 0 3 21 57 2 21 51	1 12 18 8 0 59 18 11 0 45 18 14 0 32 18 18 0 19 18 21 0 6 18 25 0n 6 18 28 0 18 18 32	4 56 22 33 4 55 22 42 4 54 22 40 4 53 22 51 4 51 22 55 4 49 22 55 4 47 23 3 4 45 23 3	0 4 0 0 4 0 3 0 0 2 0 0 1	10 59 11 1 11 3 11 5	1 9 1 9 1 8 1 8 1 8 1 8 1 7	0 54 0 55 0 55 0 56 0 57 0 57 0 58 0 59	2 19 2 19 2 19 2 20 2 20 2 20	17 35 17 35 17 35 17 35 17 35 17 35 17 35	0 18 0 18 0 17 0 17 0 17 0 17	22 13 1 2 22 12 1 2 22 12 1 2 22 12 1 3	5 4 20 5 4 19 5 4 19 5 4 19 5 4 19	0 16 56 9 16 56 9 16 55 8 16 55	13 0 13 1 13 1 13 2 13 3 13 4	12 40 12 41 12 42 12 43 12 44 12 45	13 13 13 10 13 7 13 4 13 1 12 58	17 12 2 4 17 12 2 4 17 12 2 4 17 13 2 4 17 13 2 4 17 13 2 4 17 13 2 4 17 13 2 4 17 14 2 4	46 46 46 46 47 47

Julian Day Number = 2536096.5, Delta T = 197.11 sec Ecliptic obliquity = $23^{\circ}24'40$, Nutation = $0^{\circ}00'09$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $27^{\circ}58'32$, Lahiri = $27^{\circ}05'33$

AUGUST 2231 00:00 UT

Audi	JJ. LLJ	_													00.0	0 0 1
Day	Sid.t	0	D	ğ	φ	ď	4	ħ)ţ(¥	Р	ß	v	Ç	ķ	Day
M 1	20 35 56	8 Ω 16'47	2 m/ 51	269513	25Ⅲ32	22 II 25	2 M .15	2°R53	20 M 31	59546	0 M 23	25°D16	26≈ 6	26≈ 5	29815	M 1
T 2	20 39 53	9°14'09	17°47	28°12	26°13	23° 6	2°20	2 Υ 51	20°31	5°48	0°24	25≈16	26° 3	26°12	29°17	T 2
W 3	20 43 49	10°11'32	2 ≏ 25	$0\Omega13$	26°55	23°47	2°26	2°49	20°31	5°50	0°25	25°17	25°59	26°19	29°19	W 3
T 4	20 47 46	11° 8'55	16°43	2°16	27°38	24°28	2°32	2°47	20°31	5°52	0°25	25°19	25°56	26°25	29°20	T 4
F 5	20 51 42	12° 6'19	0 M .37	4°19	28°22	25° 9	2°38	2°45	20°31	5°54	0°26	25°19	25°53	26°32	29°22	F 5
S 6	20 55 39	13° 3'43	14° 7	6°24	29° 6	25°49	2°45	2°43	20°32	5°56	0°27	25°R19	25°50	26°39	29°24	S 6
S 7	20 59 35	14° 1'08	27°16	8°29	29°52	26°30	2°51	2°41	20°32	5°58	0°28	25°19	25°47	26°45	29°26	S 7
M 8	21 3 32	14°58'34	10 x 5	10°34	0939	27°10	2°58	2°39	20°33	5°59	0°29	25°18	25°44	26°52	29°28	M 8
T 9	21 7 29	15°56'01	22°37	12°39	1°26	27°50	3° 4	2°37	20°33	6° 1	0°30	25°17	25°40	26°59	29°29	T 9
W10	21 11 25	16°53'28	4 云 55	14°44	2°14	28°31	3°11	2°34	20°34	6° 3	0°31	25°16	25°37	27° 5	29°31	W10
T 11	21 15 22	17°50'56	17° 2	16°49	3° 3	29°11	3°18	2°32	20°34	6° 5	0°32	25°15	25°34	27°12	29°32	T 11
F 12	21 19 18	18°48'24	29° 1	18°53	3°52	29°51	3°25	2°29	20°35	6° 7	0°33	25°14	25°31	27°18	29°34	F 12
S 13	21 23 15	19°45'54	10≈53	20°56	4°43	0931	3°33	2°26	20°36	6° 8	0°34	25°14	25°28	27°25	29°35	S 13
S 14	21 27 11	20°43'25	22°42	22°58	5°34	1°11	3°40	2°23	20°36	6°10	0°35	25°D14	25°24	27°32	29°37	S 14
M15	21 31 8	21°40'56	4) (30	24°58	6°25	1°51	3°48	2°21	20°37	6°12	0°36	25°14	25°21	27°38	29°38	M15
T 16	21 35 4	22°38'29	16°18	26°58	7°17	2°31	3°55	2°18	20°38	6°13	0°37	25°14	25°18	27°45	29°39	T 16
W17	21 39 1	23°36'03	28°10	28°56	8°10	3°10	4° 3	2°15	20°39	6°15	0°39	25°14	25°15	27°52	29°40	W17
T 18	21 42 58	24°33'39	10 ℃ 9	0 m 53	9° 4	3°50	4°11	2°12	20°40	6°17	0°40	25°14	25°12	27°58	29°41	T 18
F 19	21 46 54	25°31'15	22°16	2°49	9°58	4°30	4°19	2° 8	20°41	6°18	0°41	25°R14	25° 9	28° 5	29°43	F 19
S 20	21 50 51	26°28'54	4 8 37	4°43	10°52	5° 9	4°27	2° 5	20°42	6°20	0°42	25°14	25° 5	28°12	29°44	S 20
S 21	21 54 47	27°26'34	17°14	6°36	11°47	5°49	4°35	2° 2	20°43	6°21	0°44	25°14	25° 2	28°18	29°44	S 21
M22	21 58 44	28°24'15	0 Ⅱ 11	8°27	12°43	6°28	4°44	1°58	20°44	6°23	0°45	25°D14	24°59	28°25	29°45	M22
T 23	22 2 40	29°21'58	13°31	10°17	13°39	7° 7	4°52	1°55	20°45	6°24	0°46	25°14	24°56	28°32	29°46	T 23
W24	22 6 37	0 m 19'43	27°16	12° 5	14°36	7°46	5° 1	1°51	20°47	6°26	0°48	25°14	24°53	28°38	29°47	W24
T 25	22 10 33	1°17'29	119527	13°52	15°33	8°25	5° 9	1°48	20°48	6°27	0°49	25°15	24°50	28°45	29°48	T 25
F 26	22 14 30	2°15'17	26° 2	15°38	16°30	9° 4	5°18	1°44	20°49	6°29	0°51	25°15	24°46	28°51	29°48	F 26
S 27	22 18 27	3°13'06	10 Ω 57	17°22	17°28	9°43	5°27	1°40	20°51	6°30	0°52	25°16	24°43	28°58	29°49	S 27
S 28	22 22 23	4°10'57	26° 4	19° 5	18°27	10°22	5°36	1°37	20°52	6°32	0°54	25°R16	24°40	29° 5	29°49	S 28
M29	22 26 20	5° 8'50	11 M)16	20°47	19°26	11° 1	5°45	1°33	20°54	6°33	0°55	25°16	24°37	29°11	29°50	M29
T 30	22 30 16	6° 6'44	26°22	22°27	20°25	11°40	5°55	1°29	20°55	6°34	0°57	25°15	24°34	29°18	29°50	T 30
W31	22 34 13	7 m) 4'39	11 ≏ 13	24M) 6	219524	129518	6 M 4	1 Y 25	20 M 57	6 9 36	0 M .58	25≈14	24≈30	29≈25	29 8 51	W31

Day	0	D	ğ	Ф	♂	4	ħ)Å(卉	Р	n Ω	ţ	ķ
	decl	decl lat	decl lat	decl lat de	cl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl decl	decl	decl lat
M 1 T 2	18n10 17 55	9n48 0s42 2 58 2 1	21n32 0n3 21 18 0 4			11 s12 1n 7 11 14 1 7			22n12 1 s 5 22 12 1 5	4n14 16n52 4 13 16 51	13 s 5 12 s48 13 5 12 49		
W 3 T 4	17 40 17 25	3 s 5 4 3 1 2 10 2 3 4 8		8 18 47 4 35 23 7 18 51 4 33 23		11 16 1 6 11 18 1 6	1 3 2 21 1 4 2 22		-	4 13 16 51 4 12 16 50			
F 5 S 6	17 9 16 53		20 21 1 1- 19 57 1 2			11 21 1 6 11 23 1 6	1 5 2 22 1 6 2 22		22 12 1 5 22 12 1 5	4 11 16 49 4 10 16 49			
S 7 M 8 T 9	16 19	26 59 5 7	19 31 1 2 19 2 1 3 18 32 1 3	2 19 5 4 20 23	0 8	-	1 8 2 23	17 35 0 17 17 35 0 17 17 36 0 17	22 11 1 5	4 9 16 48 4 8 16 48 4 8 16 47	13 4 12 50		17 15 2 49
W10 T 11 F 12 S 13	15 28 15 10	25 35 3 17 22 37 2 21	17 59 1 4 17 24 1 4 16 48 1 4 16 10 1 4	2 19 14 4 9 23 4 19 16 4 5 23	35 0 10 36 0 11	11 33 1 5 11 35 1 5 11 38 1 4 11 41 1 4	1 11 2 23 1 13 2 24	17 36 0 17 17 36 0 17	-	4 7 16 47 4 6 16 46 4 5 16 46 4 4 16 45	13 5 12 59 13 6 13 0	12 14	17 15 2 50
S 14 M15 T 16 W17 T 18 F 19 S 20	14 34 14 16 13 57 13 38 13 19 13 0	9 3 0n51 3 38 1 55 1n55 2 53 7 27 3 45 12 47 4 27	12 43 1 4	6 19 21 3 57 23 5 19 23 3 53 23 5 19 24 3 49 23 3 19 25 3 45 23 1 1 19 26 3 40 23 8 19 27 3 3 6 23	37 0 13 37 0 14 38 0 14 38 0 15 37 0 16 37 0 17	11 49 1 3 11 52 1 3 11 55 1 3 11 57 1 3	1 17 2 24 1 18 2 24 1 19 2 25 1 21 2 25 1 22 2 25	17 37 0 17 17 37 0 17 17 37 0 17 17 38 0 17 17 38 0 17	22 11 1 5 22 11 1 5	4 3 16 44 4 3 16 44 4 2 16 43 4 1 16 43 4 0 16 42 3 59 16 42 3 58 16 41	13 6 13 2 13 6 13 2 13 6 13 3 13 6 13 6 13 6 13 8	3 12 5 1 12 2 5 11 59	17 16 2 51 17 16 2 52 17 16 2 52 17 15 2 52
S 21 M22 T 23 W24 T 25 F 26 S 27	12 21 12 1 11 41 11 21 11 0 10 40	21 59 5 15 25 19 5 17 27 23 5 2 27 52 4 30	10 30 1 3. 9 45 1 2 8 59 1 2 8 13 1 1 7 27 1 1. 6 41 1	2 19 27 3 27 23 7 19 27 3 22 23 3 19 26 3 18 23 8 19 25 3 13 23	36 0 19 35 0 20 34 0 20 32 0 21 31 0 22 29 0 23	12 3 1 2 12 6 1 2 12 9 1 2 12 12 1 2 12 16 1 2 12 19 1 1	1 25 2 26 1 27 2 26 1 28 2 26 1 30 2 26 1 31 2 26 1 33 2 26	17 38 0 17 17 39 0 17 17 39 0 17 17 39 0 17 17 40 0 17 17 40 0 17	22 10 1 5 22 10 1 5	3 57 16 41 3 56 16 40 3 55 16 40 3 54 16 39 3 53 16 39 3 52 16 38 3 52 16 38	13 6 13 10 13 6 13 11 13 6 13 12 13 6 13 12 13 5 13 14 13 5 13 15	0 11 46 11 43 2 11 40 3 11 37 4 11 34	17 15 2 53 17 15 2 53 17 15 2 53 17 15 2 54 17 15 2 54 17 15 2 54
S 28 M29 T 30 W31	9 58 9 37 9 16 8n54	12 45 0s 4 5 59 1 28 1s 4 2 44 7s56 3s48	4 24 0 4 3 38 0 4	2 19 9 2 44 23	23 0 26 21 0 27	12 25 1 1 12 28 1 1 12 31 1 1 12 s35 1n 0	1 38 2 27 1 40 2 27	17 41 0 17 17 42 0 17		3 51 16 37 3 50 16 37 3 49 16 36 3n48 16n36	13 5 13 18	3 11 21 11 18	17 14 2 55 17 14 2 55

Julian Day Number = 2536127.5, Delta T = 197.21 sec Ecliptic obliquity = $23^{\circ}24'41$, Nutation = $0^{\circ}00'11$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $27^{\circ}58'36$, Lahiri = $27^{\circ}05'37$

SEPTEMBER 2231 00:00 UT

JLI	LUDEN	LLJI													00.0	0 0.
Day	Sid.t	0	D	ğ	φ	♂	4	ħ)∤(并	В	S.	Ω	Ç	ę,	Day
T 1	22 38 9	8 mg 2'35	25 ≏ 44	25 Mp 43	229524	12957	6 M .13	1°R21	20 M .58	6937	1 M 0	25°R12	24≈27	29≈31	29 8 51	T 1
F 2	22 42 6	9° 0'33	9 M .48	27°19	23°25	13°35	6°23	1 Υ 17	21° 0	6°38	1° 2	25≈11	24°24	29°38	29°51	F 2
S 3	22 46 2	9°58'32	23°26	28°54	24°25	14°13	6°33	1°13	21° 2	6°39	1° 3	25°10	24°21	29°45	29°51	S 3
S 4	22 49 59	10°56'33	6 ₹ 37	0 ჲ 28	25°26	14°51	6°42	1° 8	21° 4	6°41	1° 5	25°D 9	24°18	29°51	29°51	S 4
M 5	22 53 55	11°54'35	19°24	2° 0	26°28	15°30	6°52	1° 4	21° 6	6°42	1° 7	25° 9	24°15	29°58	29°R51	M 5
T 6	22 57 52	12°52'38	1 ਰ 51	3°31	27°30	16° 8	7° 2	1° 0	21° 7	6°43	1° 9	25°10	24°11	0 ∀ 5	29°51	T 6
W 7	23 1 49	13°50'43	14° 3	5° 1	28°32	16°45	7°12	0°56	21° 9	6°44	1°10	25°11	24° 8	0°11	29°51	W 7
T 8	23 5 45	14°48'49	26° 2	6°29	29°34	17°23	7°22	0°51	21°11	6°45	1°12	25°13	24° 5	0°18	29°51	T 8
F 9	23 9 42	15°46'56	7≈54	7°56	0Ω 37	18° 1	7°33	0°47	21°13	6°46	1°14	25°14	24° 2	0°25	29°51	F 9
S 10	23 13 38	16°45'05	19°43	9°22	1°39	18°39	7°43	0°42	21°15	6°47	1°16	25°R15	23°59	0°31	29°51	S 10
S 11	23 17 35	17°43'16	1 ∺ 30	10°46	2°43	19°16	7°53	0°38	21°18	6°48	1°18	25°15	23°56	0°38	29°50	S 11
M12	23 21 31	18°41'28	13°19	12° 9	3°46	19°54	8° 4	0°33	21°20	6°49	1°20	25°14	23°52	0°44	29°50	M12
T 13	23 25 28	19°39'42	25°13	13°31	4°50	20°31	8°14	0°29	21°22	6°50	1°21	25°12	23°49	0°51	29°49	T 13
W14	23 29 24	20°37'57	7 Υ 13	14°51	5°54	21° 8	8°25	0°24	21°24	6°51	1°23	25° 8	23°46	0°58	29°49	W14
T 15	23 33 21	21°36'15	19°21	16°10	6°58	21°45	8°36	0°20	21°26	6°52	1°25	25° 4	23°43	1° 4	29°48	T 15
F 16	23 37 18	22°34'34	1839	17°27	8° 3	22°22	8°46	0°15	21°29	6°53	1°27	24°59	23°40	1°11	29°48	F 16
S 17	23 41 14	23°32'56	14° 8	18°42	9° 8	22°59	8°57	0°11	21°31	6°53	1°29	24°55	23°36	1°18	29°47	S 17
S 18	23 45 11	24°31'19	26°51	19°56	10°13	23°36	9° 8	0° 6	21°33	6°54	1°31	24°51	23°33	1°24	29°46	S 18
M19	23 49 7	25°29'45	9∏50	21° 8	11°18	24°13	9°19	0° 1	21°36	6°55	1°33	24°49	23°30	1°31	29°45	M19
T 20	23 53 4	26°28'13	23° 7	22°19	12°24	24°50	9°30	29 米 57	21°38	6°56	1°35	24°D48	23°27	1°38	29°44	T 20
W21	23 57 0	27°26'43	69644	23°27	13°30	25°26	9°42	29°52	21°41	6°56	1°38	24°48	23°24	1°44	29°43	W21
T 22	0 0 57	28°25'15	20°42	24°34	14°36	26° 3	9°53	29°48	21°43	6°57	1°40	24°49	23°21	1°51	29°42	T 22
F 23	0 4 53	29°23'50	5 Ω 1	25°38	15°42	26°39	10° 4	29°43	21°46	6°58	1°42	24°51	23°17	1°58	29°41	F 23
S 24	0 8 50	0 ≏ 22'26	19°39	26°40	16°49	27°15	10°16	29°38	21°49	6°58	1°44	24°R52	23°14	2° 4	29°40	S 24
S 25	0 12 47	1°21'05	4 m 32	27°40	17°55	27°51	10°27	29°34	21°51	6°59	1°46	24°51	23°11	2°11	29°39	S 25
M26	0 16 43	2°19'46	19°33	28°36	19° 2	28°27	10°39	29°29	21°54	6°59	1°48	24°49	23° 8	2°17	29°38	M26
T 27	0 20 40	3°18'28	4 º 35	29°31	20° 9	29° 3	10°50	29°24	21°57	7° 0	1°50	24°46	23° 5	2°24	29°36	T 27
W28	0 24 36	4°17'13	19°27	0 M 22	21°17	29°39	11° 2	29°20	22° 0	7° 0	1°53	24°40	23° 2	2°31	29°35	W28
T 29	0 28 33	5°15'59	4M 2	1° 9	22°24	0Ω14	11°14	29°15	22° 2	7° 1	1°55	24°34	22°58	2°37	29°34	T 29
F 30	0 32 29	6 ₽ 14'48	18 M .13	1M54	$23\Omega_{32}$	$0\Omega 50$	11 M 26	29 米 10	22M 5	7 95 1	1 M 57	24≈28	22≈55	2) 44	29 8 32	F 30

Day	0	D	ğ	φ	♂	4	ħ)Å(卉	Р	υ U	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
T 1 F 2 S 3	8n33 8 11 7 49	19 34 5 5	1 22 0 20		23 12 0 29	12 s38 1n 0 12 41 1 0 12 45 1 0	1 45 2 28	17 s43	/ - /	3 46 16 35	13 7 13 22	11 9	17n14 2 s56 17 14 2 56 17 13 2 56
S 4 M 5 T 6 W 7 T 8	7 27 7 5 6 43 6 21 5 58	27 38 4 14 26 8 3 29	0s 6 0 : 0 50 0s 1 34 0 1 2 17 0 19 2 59 0 2	1 18 31 2 10 9 18 24 2 5	23 6 0 31 23 3 0 32 22 59 0 33 22 56 0 34 22 52 0 35	12 51 0 59 12 55 0 59 12 58 0 59	1 50 2 28 1 52 2 28 1 54 2 28		22 9 1 6 22 9 1 6 22 9 1 6		13 7 13 26 13 7 13 27 13 7 13 28	10 59 10 56 10 53	17 13 2 57 17 13 2 57
F 9 S 10	5 36 5 13		3 41 0 33 4 22 0 43	5 18 8 1 55	22 48 0 36 22 43 0 37	13 5 0 59	1 58 2 28	17 47 0 16 17 47 0 16	22 9 1 6	3 39 16 32	13 6 13 30	10 47	17 12 2 58
S 11 M12 T 13 W14 T 15 F 16 S 17	4 28 4 5 3 42 3 20 2 57	0n31 2 38 6 5 3 31 11 29 4 15	5 43 1	0 17 40 1 40 8 17 30 1 35 7 17 19 1 30 5 17 8 1 25 4 16 56 1 20	22 35 0 39	13 30 0 58	2 3 2 29 2 5 2 29 2 7 2 29 2 9 2 29 2 11 2 29	17 49 0 16 17 50 0 16 17 50 0 16	22 8 1 6 22 8 1 6	3 36 16 31 3 35 16 31 3 34 16 30 3 33 16 30 3 32 16 29	13 6 13 33 13 7 13 34 13 8 13 35	10 37 10 34 10 31 10 28 10 25	17 11 2 59 17 10 2 59 17 10 2 59 17 10 2 59 17 9 3 0 17 9 3 0
S 18 M19 T 20 W21 T 22 F 23 S 24	1 47 1 24 1 1 0 38	27 49 4 36 27 7 3 53 24 43 2 56 20 43 1 46	10 4 1 53 10 38 2 0 11 11 2 14 11 42 2 22	8 16 19 1 6 6 16 5 1 1 4 15 51 0 56 2 15 37 0 52 9 15 22 0 47	22 0 0 46 21 54 0 47 21 48 0 47 21 43 0 48 21 37 0 49	13 44 0 57	2 16 2 29 2 18 2 29 2 20 2 29 2 22 2 30 2 24 2 30	17 54 0 16	22 8 1 6 22 8 1 6	3 29 16 28 3 28 16 28 3 27 16 28 3 26 16 27 3 25 16 27	13 13 13 39 13 14 13 40 13 14 13 41 13 14 13 42 13 14 13 43 13 14 13 44 13 13 13 45	10 15 10 12 10 9 10 6 10 2	17 8 3 1 17 7 3 1 17 7 3 1 17 6 3 2 17 6 3 2
S 25 M26 T 27 W28 T 29 F 30	0 32 0 56 1 19 1 42 2 5 2 s29	2 8 2 10 4s52 3 19 11 31 4 14 17 24 4 50	14 50 3 10	1 14 34 0 33 8 14 18 0 29 4 14 1 0 24 0 13 43 0 20	20 59 0 56	14 7 0 56	2 30 2 30 2 32 2 30 2 33 2 30 2 35 2 30		22 7 1 6 22 7 1 6 22 7 1 6	3 22 16 26 3 21 16 26 3 21 16 26 3 20 16 25	13 13 13 46 13 14 13 48 13 15 13 49 13 17 13 50 13 19 13 51 13 s21 13 s52	9 53 9 50 9 46 9 43	17 4 3 3 17 4 3 3 17 3 3 3 17 3 3 3

Julian Day Number = 2536158.5, Delta T = 197.31 sec Ecliptic obliquity = $23^{\circ}24'41$, Nutation = $0^{\circ}00'10$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $27^{\circ}58'41$, Lahiri = $27^{\circ}05'41$

OCTOBER 2231 00:00 UT

Day	Sid.t	0	D	ğ	φ	δ	4	ħ)∤(卉	Р	R	v	Ç	ę,	Day
S 1	0 36 26	7 ₽ 13'38	1 ∡7 58	2 M .34	24 \O 40	1 N 25	11 M 37	29°R 6	22 M 8	799 1	1 M 59	24°R22	22≈52	2) 51	29°R30	S 1
S 2	0 40 22	8°12'30	15°14	3°10	25°48	2° 1	11°49	29 米 1	22°11	7° 2	2° 1	24≈18	22°49	2°57	29829	S 2
M 3	0 44 19	9°11'24	28° 4	3°42	26°56	2°36	12° 1	28°57	22°14	7° 2	2° 4	24°15	22°46	3° 4	29°27	M 3
T 4	0 48 16	10°10'19	10 る 32	4° 9	28° 4	3°11	12°13	28°52	22°17	7° 2	2° 6	24°D15	22°42	3°11	29°26	T 4
W 5	0 52 12	11° 9'17	22°42	4°30	29°13	3°46	12°25	28°48	22°20	7° 2	2° 8	24°15	22°39	3°17	29°24	W 5
T 6	0 56 9	12° 8'15	4≈39	4°46	0 m 21	4°20	12°38	28°43	22°23	7° 2	2°11	24°17	22°36	3°24	29°22	T 6
F 7	1 0 5	13° 7'16	16°29	4°56	1°30	4°55	12°50	28°39	22°26	7° 3	2°13	24°18	22°33	3°31	29°20	F 7
S 8	1 4 2	14° 6'18	28°16	4°R59	2°39	5°29	13° 2	28°34	22°29	7° 3	2°15	24°R18	22°30	3°37	29°18	S 8
S 9	1 7 58	15° 5'23	10 米 5	4°55	3°48	6° 4	13°14	28°30	22°32	7° 3	2°17	24°17	22°27	3°44	29°16	S 9
M10	1 11 55	16° 4'29	21°58	4°43	4°58	6°38	13°27	28°26	22°36	7° 3	2°20	24°13	22°23	3°51	29°14	M10
T 11	1 15 51	17° 3'37	4Υ 0	4°24	6° 7	7°12	13°39	28°21	22°39	7°R 3	2°22	24° 7	22°20	3°57	29°12	T 11
W12	1 19 48	18° 2'47	16°11	3°57	7°17	7°46	13°52	28°17	22°42	7° 3	2°25	23°59	22°17	4° 4	29°10	W12
T 13	1 23 45	19° 1'59	28°33	3°21	8°27	8°20	14° 4	28°13	22°45	7° 3	2°27	23°49	22°14	4°10	29° 8	T 13
F 14	1 27 41	20° 1'13	118 7	2°38	9°37	8°54	14°16	28° 9	22°48	7° 3	2°29	23°39	22°11	4°17	29° 6	F 14
S 15	1 31 38	21° 0'29	23°53	1°47	10°47	9°27	14°29	28° 5	22°52	7° 3	2°32	23°28	22° 7	4°24	29° 3	S 15
S 16	1 35 34	21°59'48	6 I I51	0°50	11°57	10° 1	14°42	28° 1	22°55	7° 2	2°34	23°20	22° 4	4°30	29° 1	S 16
M17	1 39 31	22°59'08	20° 1	29 ≏ 46	13° 7	10°34	14°54	27°57	22°58	7° 2	2°36	23°13	22° 1	4°37	28°59	M17
T 18	1 43 27	23°58'32	39524	28°37	14°18	11° 7	15° 7	27°53	23° 2	7° 2	2°39	23° 8	21°58	4°44	28°56	T 18
W19	1 47 24	24°57'57	17° 0	27°26	15°28	11°40	15°20	27°49	23° 5	7° 2	2°41	23° 7	21°55	4°50	28°54	W19
T 20	1 51 20	25°57'25	0 Ω 50	26°12	16°39	12°13	15°32	27°45	23° 9	7° 1	2°44	23°D 6	21°52	4°57	28°51	T 20
F 21	1 55 17	26°56'55	14°55	25° 0	17°50	12°45	15°45	27°41	23°12	7° 1	2°46	23° 7	21°48	5° 4	28°49	F 21
S 22	1 59 14	27°56'27	29°13	23°51	19° 1	13°18	15°58	27°38	23°16	7° 1	2°48	23°R 7	21°45	5°10	28°46	S 22
S 23	2 3 10	28°56'01	13 m) 44	22°46	20°12	13°50	16°11	27°34	23°19	7° 0	2°51	23° 5	21°42	5°17	28°44	S 23
M24	2 7 7	29°55'38	28°24	21°48	21°23	14°22	16°24	27°30	23°22	7° 0	2°53	23° 1	21°39	5°24	28°41	M24
T 25	2 11 3	0 M 55'17	13 ♀ 6	20°59	22°34	14°54	16°37	27°27	23°26	6°59	2°56	22°54	21°36	5°30	28°38	T 25
W26	2 15 0	1°54'58	27°43	20°20	23°46	15°26	16°50	27°23	23°30	6°59	2°58	22°45	21°33	5°37	28°36	W26
T 27	2 18 56	2°54'41	12M 9	19°51	24°57	15°58	17° 3	27°20	23°33	6°58	3° 1	22°34	21°29	5°44	28°33	T 27
F 28	2 22 53	3°54'26	26°15	19°33	26° 9	16°29	17°16	27°17	23°37	6°58	3° 3	22°23	21°26	5°50	28°30	F 28
S 29	2 26 49	4°54'13	9 ∡ 758	19°D27	27°21	17° 0	17°29	27°14	23°40	6°57	3° 5	22°12	21°23	5°57	28°27	S 29
S 30	2 30 46	5°54'02	23°16	19°32	28°33	17°32	17°42	27°11	23°44	6°57	3°8	22° 3	21°20	6° 3	28°24	S 30
M31	2 34 43	6ML53'53	6 ප 9	19 ≏ 48	29 m 45	18 N 2	17 M 55	27) 8	23 M 47	6956	3 M .10	21≈57	21≈17	6 ∺ 10	28 8 22	M31

Day	0	D	ğ	Q	ď	4	ħ)Å(卉	Р	ស ប	€ &	
	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	2 s52	25 s32 5 s 7	15 s29 3 s	20 13n 7 0s11	20n45 0n58	14s25 0n55	2s39 2s30	18 s 1 0n16	22n 7 1s 6	3n18 16n25	13 s23 13 s53	9s37 17n 2 3s	s 4
S 2			15 46 3			14 29 0 55	2 41 2 30	18 2 0 16	22 7 1 6	3 17 16 25	13 24 13 54		4
M 3		27 42 4 18					2 42 2 30				13 25 13 55	9 30 17 0 3	4
T 4		26 34 3 35			20 25 1 1	14 37 0 55	2 44 2 30				13 25 13 56	9 27 17 0 3	-
W 5 T 6	4 25	24 10 2 43 20 46 1 44					2 46 2 30 2 48 2 30				13 25 13 57 13 25 13 58	9 24 16 59 3 9 21 16 59 3	-
F 7	-		16 33 3				2 50 2 30				13 24 13 59	9 18 16 58 3	-
S 8	-					14 52 0 55	2 51 2 30				13 24 14 0		-
S 9	5 56	6 29 1 24	16 31 3	35 10 26 0 21	19 48 1 6	14 56 0 54	2 53 2 30	18 8 0 16	22 7 1 7	3 10 16 23	13 25 14 1	9 11 16 57 3	6
M10	6 19	0 59 2 23	16 24 3	32 10 4 0 25	19 41 1 7	14 59 0 54	2 55 2 29	18 9 0 16	22 7 1 7	3 9 16 23	13 26 14 2	9 8 16 56 3	6
T 11	6 42	4n36 3 17					2 56 2 29		22 7 1 7	3 8 16 23	13 28 14 3	9 5 16 55 3	6
W12	7 4	1 -									13 31 14 4	9 2 16 55 3	7
T 13			15 39 3			15 11 0 54					13 34 14 5	8 58 16 54 3	
F 14			15 15 3			15 15 0 54		18 12 0 16			13 37 14 6	8 55 16 53 3	
S 15	8 11	23 38 5 5	14 47 2	53 8 11 0 43	19 2 1 13	15 18 0 54	3 3 2 29	18 13 0 16	22 / 1 /	3 5 16 22	13 41 14 7	8 52 16 53 3	7
S 16			14 15 2			15 22 0 54		18 14 0 16			13 44 14 8	8 49 16 52 3	7
M17		27 34 4 32				15 26 0 54					13 46 14 9	8 45 16 51 3	-
T 18			12 58 2			15 30 0 54					13 47 14 10		-
W19 T 20			12 16 1 : 11 31 1 :			15 34 0 53 15 37 0 53					13 48 14 11	8 39 16 50 3	-
F 21	10 1 10 22		11 31 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			15 37 0 53 15 41 0 53		18 17 0 16 18 18 0 16			13 48 14 12 13 48 14 13	8 36 16 49 3 8 33 16 48 3	-
S 22		11 13 0s33			18 6 1 21	15 45 0 53		18 19 0 16			13 48 14 14		- 1
S 23 M24	11 5 11 26	4 44 1 48 2s 3 2 56				15 49 0 53 15 53 0 53		18 20 0 16 18 21 0 16			13 48 14 15 13 50 14 16	8 26 16 47 3 8 23 16 46 3	-
T 25	11 47	8 44 3 53						18 22 0 16			13 52 14 17	8 20 16 45 3	-
W26	12 8			-	17 41 1 24			18 22 0 16			13 55 14 17	8 16 16 44 3	-
T 27	-	20 10 4 57			17 25 1 27	16 4 0 53		18 23 0 16			13 59 14 19		10
F 28		24 10 5 1	6 41 1					18 24 0 16		2 54 16 22			10
S 29	13 8	26 40 4 48	6 26 1	16 2 18 1 22	17 8 1 29	16 11 0 53	3 22 2 28	18 25 0 15	22 7 1 7	2 53 16 22	14 6 14 21		10
S 30	13 28	27 33 4 19	6 16 1	28 1 52 1 24	17 0 1 30	16 15 0 52	3 23 2 28	18 26 0 15	22 7 1 7	2 52 16 22	14 9 14 22	8 4 16 41 3	10
M31	13 s48	26 s53 3 s38	6s12 1n	39 1n25 1n26	16n52 1n32	16s19 0n52	3 s24 2 s27	18 s27 0n15	22n 7 1s 7	2n52 16n22	14 s11 14 s23	8s 0 16n41 3s	s10

Julian Day Number = 2536188.5, Delta T = 197.41 sec Ecliptic obliquity = 23°24'41, Nutation = 0°00'10, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 27°58'45, Lahiri = 27°05'45

NOVEMBER 2231 00:00 UT

															••••	
Day	Sid.t	0	D	ğ	φ	ď	4	ħ)∤(¥	Р	n	ß	Ç	Š,	Day
T 1	2 38 39	7 M 53'45	18 궁 38	20 ≏ 13	0 ჲ 57	18 Ω 33	18 M 8	27°R 5	23 M .51	6°R55	3 M .13	21°R53	21≈13	6) €17	28°R19	T 1
W 2	2 42 36	8°53'39	0≈50	20°49	2° 9	19° 4	18°21	27 米 2	23°55	6955	3°15	21≈52	21°10	6°23	28 8 16	W 2
T 3	2 46 32	9°53'34	12°48	21°33	3°21	19°34	18°34	26°59	23°58	6°54	3°17	21°D51	21° 7	6°30	28°13	T 3
F 4	2 50 29	10°53'31	24°37	22°24	4°33	20° 4	18°47	26°56	24° 2	6°53	3°20	21°R51	21° 4	6°37	28°10	F 4
S 5	2 54 25	11°53'30	6 ¥ 25	23°23	5°46	20°34	19° 0	26°54	24° 6	6°52	3°22	21°51	21° 1	6°43	28° 7	S 5
S 6	2 58 22	12°53'30	18°15	24°28	6°58	21° 4	19°13	26°51	24° 9	6°52	3°25	21°48	20°58	6°50	28° 4	S 6
M 7	3 2 18	13°53'32	0 Υ 13	25°38	8°11	21°33	19°27	26°49	24°13	6°51	3°27	21°43	20°54	6°57	28° 1	M 7
T 8	3 6 15	14°53'35	12°22	26°52	9°23	22° 2	19°40	26°46	24°17	6°50	3°29	21°35	20°51	7° 3	27°58	T 8
W 9	3 10 12	15°53'41	24°45	28°10	10°36	22°31	19°53	26°44	24°20	6°49	3°32	21°24	20°48	7°10	27°55	W 9
T 10	3 14 8	16°53'48	7 8 22	29°32	11°49	23° 0	20° 6	26°42	24°24	6°48	3°34	21°11	20°45	7°17	27°52	T 10
F 11	3 18 5	17°53'57	20°16	0 M .57	13° 2	23°29	20°19	26°40	24°28	6°47	3°37	20°58	20°42	7°23	27°48	F 11
S 12	3 22 1	18°54'07	3 Ⅱ 23	2°23	14°15	23°57	20°33	26°38	24°32	6°46	3°39	20°45	20°39	7°30	27°45	S 12
S 13	3 25 58	19°54'20	16°44	3°52	15°28	24°25	20°46	26°36	24°35	6°45	3°41	20°33	20°35	7°37	27°42	S 13
M14	3 29 54	20°54'34	09୍ତୀ5	5°22	16°41	24°53	20°59	26°34	24°39	6°44	3°44	20°23	20°32	7°43	27°39	M14
T 15	3 33 51	21°54'51	13°55	6°54	17°54	25°21	21°12	26°33	24°43	6°43	3°46	20°17	20°29	7°50	27°36	T 15
W16	3 37 47	22°55'09	27°43	8°27	19° 7	25°49	21°26	26°31	24°47	6°42	3°48	20°14	20°26	7°57	27°33	W16
T 17	3 41 44	23°55'29	11 £ 37	10° 0	20°21	26°16	21°39	26°30	24°50	6°41	3°51	20°13	20°23	8° 3	27°30	T 17
F 18	3 45 41	24°55'51	25°38	11°34	21°34	26°43	21°52	26°28	24°54	6°39	3°53	20°12	20°19	8°10	27°26	F 18
S 19	3 49 37	25°56'15	9 m /44	13° 9	22°48	27° 9	22° 5	26°27	24°58	6°38	3°55	20°12	20°16	8°17	27°23	S 19
S 20	3 53 34	26°56'41	23°56	14°44	24° 1	27°36	22°18	26°26	25° 1	6°37	3°57	20°10	20°13	8°23	27°20	S 20
M21	3 57 30	27°57'09	8 亞 11	16°19	25°15	28° 2	22°32	26°25	25° 5	6°36	4° 0	20° 5	20°10	8°30	27°17	M21
T 22	4 1 27	28°57'39	22°26	17°54	26°28	28°28	22°45	26°24	25° 9	6°35	4° 2	19°58	20° 7	8°36	27°14	T 22
W23	4 5 23	29°58'10	6 M .38	19°30	27°42	28°53	22°58	26°23	25°13	6°33	4° 4	19°48	20° 4	8°43	27°10	W23
T 24	4 9 20	0 ∡ 758'43	20°40	21° 5	28°56	29°18	23°11	26°22	25°16	6°32	4° 6	19°36	20° 0	8°50	27° 7	T 24
F 25	4 13 16	1°59'18	4 ₹ 29	22°41	0 M _10	29°43	23°24	26°22	25°20	6°31	4° 9	19°23	19°57	8°56	27° 4	F 25
S 26	4 17 13	2°59'55	17°59	24°16	1°24	0M) 8	23°38	26°21	25°24	6°29	4°11	19°11	19°54	9° 3	27° 1	S 26
S 27	4 21 10	4° 0'32	1ට 9	25°51	2°38	0°32	23°51	26°21	25°28	6°28	4°13	19° 1	19°51	9°10	26°58	S 27
M28	4 25 6	5° 1'11	13°58	27°27	3°51	0°56	24° 4	26°21	25°31	6°27	4°15	18°53	19°48	9°16	26°55	M28
T 29	4 29 3	6° 1'52	26°26	29° 2	5° 6	1°20	24°17	26°20	25°35	6°25	4°17	18°49	19°45	9°23	26°51	T 29
W30	4 32 59	7 ≯ 2'33	8 ≈ 38	0 ∡ 37	6 M 20	1 m 43	24M30	26°D20	25 M 39	69524	4 M .19	18 ≈ 46	19 ≈ 41	9 米 30	26 8 48	W30

Day	0	D	ğ	Q	♂	4	ħ)Å(卉	Р	υ U	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
T 1 W 2 T 3	14 s 8 14 27 14 46	21 44 1 49	6 20 1 55	0 32 1 30 1	5n43 1n33 5 35 1 34 5 27 1 35		3 26 2 27	18 s28		2 50 16 22	14s12 14s25 14 12 14 26 14 12 14 27	7 54	16n40 3 s 1 1 16 39 3 1 1 16 38 3 1 1
F 4 S 5	15 5 15 23	13 4 0n15	6 46 2 6	0 s23 1 34 1	5 18 1 37	16 33 0 52 16 37 0 52	3 28 2 27	18 31 0 15 18 31 0 15	22 7 1 7	2 49 16 22	14 12 14 28 14 13 14 29	7 47	16 37 3 11 16 37 3 11
S 6 M 7 T 8	15 41 15 59 16 17		7 51 2 11		5 2 1 39 5 53 1 41 5 45 1 42	16 44 0 52	3 29 2 26 3 30 2 26 3 31 2 26		22 7 1 7	2 47 16 22	14 13 14 30 14 15 14 31 14 18 14 32	7 38	16 36 3 11 16 35 3 11 16 34 3 12
W 9 T 10 F 11 S 12	17 9	18 33 4 51 22 36 5 0	9 18 2 8	3 3 6 1 42 13 5 3 33 1 43 13	5 37 1 43 5 29 1 45 5 21 1 46 5 12 1 47	16 55 0 52 16 59 0 52	3 32 2 26 3 33 2 26	18 35 0 15 18 36 0 15 18 37 0 15 18 38 0 15	22 7 1 8 22 7 1 8	2 45 16 22 2 44 16 23	14 21 14 33 14 25 14 34 14 30 14 35 14 34 14 36	7 28 7 25	16 33 3 12 16 33 3 12 16 32 3 12 16 31 3 12
S 13 M14 T 15 W16 T 17 F 18	17 42 17 58 18 13 18 29 18 44	27 13 4 30 27 16 3 51 25 39 2 59 22 29 1 56	10 57 1 58 11 31 1 53 12 6 1 48 12 40 1 43 13 15 1 38	4 28 1 45 1: 4 55 1 46 14 5 22 1 47 14 5 49 1 47 14 6 16 1 48 14	5 4 1 49 4 56 1 50 4 48 1 51 4 40 1 53 4 32 1 54	17 6 0 52 17 9 0 51 17 13 0 51 17 16 0 51	3 34 2 25 3 35 2 25 3 35 2 25 3 36 2 25 3 36 2 24	18 39 0 15 18 40 0 15 18 41 0 15	22 7 1 8 22 7 1 8	2 43 16 23 2 42 16 23 2 42 16 23 2 41 16 23 2 40 16 23	14 37 14 37 14 40 14 38 14 42 14 39 14 43 14 40 14 44 14 41 14 44 14 42	7 18 7 15 7 12 7 8 7 5	16 30 3 12 16 29 3 12 16 28 3 12
S 19 S 20 M21 T 22 W23 T 24		0s10 2 48 6 41 3 45 12 51 4 27 18 19 4 53 22 43 5 1	14 58 1 19 15 32 1 13 16 5 1 6 16 38 1 0 17 10 0 53	7 37 1 49 1- 8 4 1 49 1- 8 30 1 49 1: 8 56 1 50 1: 9 22 1 49 1:	4 9 1 59 4 1 2 0 3 54 2 2 3 46 2 3 3 39 2 5	17 37 0 51 17 40 0 51 17 43 0 51	3 37 2 24 3 37 2 24 3 37 2 24 3 38 2 23 3 38 2 23	18 44 0 15 18 45 0 15 18 46 0 15 18 47 0 15 18 48 0 15 18 49 0 15	22 7 1 8 22 7 1 8	2 39 16 24 2 38 16 24 2 38 16 24 2 37 16 25 2 37 16 25	14 44 14 43 14 45 14 44 14 46 14 45 14 48 14 46 14 52 14 47 14 55 14 48	6 55 6 52 6 49 6 46 6 42	16 25 3 13 16 24 3 13 16 24 3 13 16 23 3 13 16 22 3 13 16 21 3 13
F 25 S 26 S 27 M28	20 44 20 55	27 15 4 24 27 8 3 44	17 41 0 46 18 11 0 39 18 41 0 32 19 10 0 25	10 14 1 49 1 10 40 1 49 1		17 47 0 51 17 50 0 51 17 53 0 51 17 57 0 51	3 38 2 23	18 50 0 15 18 51 0 15 18 51 0 15 18 52 0 15	22 7 1 8 22 7 1 8			6 36 6 33	16 20 3 13 16 20 3 14 16 19 3 14 16 18 3 14
T 29		22 44 1 56	19 37 0 18	11 3 1 49 1. 3 11 30 1 48 1. 11 s55 1n48 1.	3 3 2 12		3 38 2 22	18 53 0 15		2 35 16 26	15 9 14 52 15 10 14 53 15 s11 14 s54	6 26	16 17 3 14 16 17 3 14 16 17 3 s14

Julian Day Number = 2536219.5, Delta T = 197.51 sec Ecliptic obliquity = $23^{\circ}24'40$, Nutation = $0^{\circ}00'09$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $27^{\circ}58'49$, Lahiri = $27^{\circ}05'50$

DECEMBER 2231 00:00 UT

Day	Sid.t	0	D	ğ	·	ð	4	ħ)ţ(并	Р	n	Ω	Ç	ķ	Day
T 1	4 36 56	8 .7 3'15	20≈36	2 7 12	7 M .34	2m) 6	24M43	26 米 20	25 M 42	6°R22	4ML22	18°D46	19≈38	9) (36	26°R45	T 1
F 2	4 40 52	9° 3'59	2)(27	3°47	8°48	2°29	24°56	26°21	25°46	6921	4°24	18 ≈ 46	19°35	9°43	26842	F 2
S 3	4 44 49	10° 4'43	14°15	5°21	10° 2	2°51	25° 9	26°21	25°50	6°19	4°26	18°R46	19°32	9°50	26°39	S 3
S 4	4 48 45	11° 5'28	26° 6	6°56	11°16	3°13	25°22	26°21	25°53	6°18	4°28	18°45	19°29	9°56	26°36	S 4
M 5	4 52 42	12° 6'15	8 Υ 5	8°31	12°30	3°35	25°35	26°22	25°57	6°16	4°30	18°42	19°25	10° 3	26°33	M 5
T 6	4 56 39	13° 7'02	20°17	10° 5	13°45	3°56	25°48	26°22	26° 1	6°15	4°32	18°36	19°22	10°10	26°30	T 6
W 7	5 0 35	14° 7'50	2846	11°39	14°59	4°16	26° 1	26°23	26° 4	6°13	4°34	18°27	19°19	10°16	26°27	W 7
T 8	5 4 32	15° 8'40	15°35	13°14	16°13	4°37	26°14	26°24	26° 8	6°12	4°36	18°17	19°16	10°23	26°24	T 8
F 9	5 8 28	16° 9'30	28°44	14°48	17°28	4°57	26°27	26°24	26°11	6°10	4°38	18° 6	19°13	10°30	26°21	F 9
S 10	5 12 25	17°10'21	12 Ⅱ 12	16°22	18°42	5°17	26°40	26°25	26°15	6° 9	4°40	17°55	19°10	10°36	26°18	S 10
S 11	5 16 21	18°11'14	25°56	17°56	19°57	5°36	26°53	26°27	26°18	6° 7	4°42	17°45	19° 6	10°43	26°15	S 11
M12	5 20 18	19°12'07	9954	19°31	21°11	5°54	27° 5	26°28	26°22	6° 5	4°44	17°38	19° 3	10°50	26°12	M12
T 13	5 24 14	20°13'02	24° 1	21° 5	22°26	6°13	27°18	26°29	26°26	6° 4	4°45	17°33	19° 0	10°56	26° 9	T 13
W14	5 28 11	21°13'57	8 Ω 12	22°39	23°40	6°31	27°31	26°30	26°29	6° 2	4°47	17°30	18°57	11° 3	26° 7	W14
T 15	5 32 8	22°14'54	22°25	24°13	24°55	6°48	27°43	26°32	26°33	6° 1	4°49	17°D30	18°54	11°10	26° 4	T 15
F 16	5 36 4	23°15'52	6 m 36	25°48	26°10	7° 5	27°56	26°34	26°36	5°59	4°51	17°31	18°51	11°16	26° 1	F 16
S 17	5 40 1	24°16'51	20°44	27°22	27°24	7°22	28° 9	26°35	26°39	5°57	4°53	17°R32	18°47	11°23	25°58	S 17
S 18	5 43 57	25°17'51	4 ≏ 48	28°57	28°39	7°38	28°21	26°37	26°43	5°56	4°54	17°31	18°44	11°29	25°56	S 18
M19	5 47 54	26°18'52	18°47	0 궁 31	29°54	7°53	28°34	26°39	26°46	5°54	4°56	17°29	18°41	11°36	25°53	M19
T 20	5 51 50	27°19'54	2 M 40	2° 6	1 才 9	8° 8	28°46	26°41	26°50	5°52	4°58	17°24	18°38	11°43	25°50	T 20
W21	5 55 47	28°20'57	16°24	3°41	2°23	8°23	28°58	26°43	26°53	5°51	4°59	17°18	18°35	11°49	25°48	W21
T 22	5 59 44	2 <u>9</u> °22'02	29°59	5°16	3°38	8°37	29°11	26°46	26°56	5°49	5° 1	17°10	18°31	11°56	25°45	T 22
F 23	6 3 40	0 ප් 23'07	13 × 21	6°51	4°53	8°50	29°23	26°48	26°59	5°47	5° 3	17° 1	18°28	12° 3	25°43	F 23
S 24	6 7 37	1°24'12	26°29	8°26	6° 8	9° 3	29°35	26°50	27° 3	5°45	5° 4	16°53	18°25	12° 9	25°40	S 24
S 25	6 11 33	2°25'19	9 る 22	10° 2	7°23	9°15	29°48	26°53	27° 6	5°44	5° 6	16°46	18°22	12°16	25°38	S 25
M26	6 15 30	3°26'25	21°59	11°37	8°38	9°27	29°59	26°56	27° 9	5°42	5° 7	16°41	18°19	12°23	25°36	M26
T 27	6 19 26	4°27'32	4≈20	13°13	9°52	9°38	0 才 12	26°58	27°12	5°40	5° 9	16°38	18°16	12°29	25°33	T 27
W28	6 23 23	5°28'40	16°28	14°49	11° 7	9°49	0°24	27° 1	27°16	5°39	5°10	16°D37	18°12	12°36	25°31	W28
T 29	6 27 19	6°29'47	28°25	16°24	12°22	9°59	0°36	27° 4	27°19	5°37	5°12	16°37	18° 9	12°43	25°29	T 29
F 30	6 31 16	7°30'55	10) (15	18° 0	13°37	10° 8	0°48	27° 7	27°22	5°35	5°13	16°39	18° 6	12°49	25°27	F 30
S 31	6 35 13	8 ප 32'03	22 米 3	19 る 36	14 × 752	10 M)17	0 才 59	27 米 10	27 M 25	5934	5 M .14	16≈41	18 ≈ 3	12 米 56	25 8 25	S 31

Day	0	D	ğ	ç)	37	2	+	ħ	ļ)į	ξ(¥		Р	n	U	Ç	ķ	
	decl	decl lat	decl la	at decl	lat decl	lat	decl	lat	decl	lat	decl	lat	decl lat		decl lat	decl	decl	decl	decl l	lat
T 1 F 2 S 3	21 s38 21 47 21 56	9 28 1 12	20 55	0n 4 12s20 0s 3 12 44 0 9 13 8	1n47 12n49 1 46 12 43 1 46 12 36	2 17	18s 6 18 9 18 13	0n51 0 51 0 51	3 s37 3 37 3 37	2 21	18 s55 18 56 18 57	0 15	22 8 1	8	2n34 16n27 2 33 16 27 2 33 16 27	15 11	14 56	6 16	16n16 16 15 16 14	3 s14 3 14 3 14
S 4 M 5 T 6 W 7 T 8 F 9	22 5 22 13 22 21 22 28 22 35 22 42	6 45 3 51 12 3 4 28 17 0 4 52 21 19 5 3	22 4 22 25 22 45 23 3	0 16 13 32 0 23 13 55 0 29 14 19 0 36 14 41 0 42 15 4 0 48 15 26	1 45 12 30 1 44 12 24 1 43 12 17 1 42 12 11 1 41 12 6 1 39 12 0	2 22 2 24 2 26 2 27	18 19 18 22 18 25	0 51 0 51 0 51 0 51 0 51 0 51	3 36 3 36 3 36 3 35 3 35 3 34	2 21	18 58 18 59 19 0 19 1	0 15 0 15 0 15 0 15	22 8 1 22 8 1 22 8 1 22 8 1	8 8 8	2 33 16 28 2 32 16 28 2 32 16 28 2 32 16 28 2 31 16 29 2 31 16 29	15 12 15 14 15 17 15 20	14 59 15 0 15 1 15 2	6 7 6 3 6 0 5 57	16 14 16 13 16 12 16 11 16 11 16 10	3 14 3 14 3 14 3 14 3 14 3 14
S 10 S 11 M12 T 13 W14 T 15 F 16 S 17	22 48 22 53 22 58 23 3 23 7 23 11 23 14 23 17	26 48 4 37 27 20 4 0 26 9 3 7 23 17 2 2 19 0 0 50 13 37 0s26 7 31 1 41	23 37 23 52 24 6 24 18 24 29 24 39	0 54 15 48 1 0 16 9 1 6 16 30 1 12 16 50 1 17 17 10 1 22 17 30 1 27 17 49 1 32 18 8	1 38 11 54 1 37 11 49 1 36 11 43 1 34 11 38 1 33 11 33 1 31 11 29 1 29 11 24 1 28 11 20	2 31 2 33 2 34 2 36 2 38 2 40 2 42	18 34 18 37 18 40 18 43 18 46 18 48	0 51 0 51 0 51 0 51 0 51 0 51 0 51 0 51	3 33 3 33 3 32 3 31 3 31 3 30 3 29 3 28	2 20 2 20 2 19 2 19 2 19 2 19 2 19	19 3 19 4 19 4 19 5 19 6 19 7 19 8	0 15 0 15 0 15 0 15 0 15 0 15 0 15	22 8 1 22 8 1 22 8 1 22 8 1 22 9 1 22 9 1 22 9 1	8 8 8 8 8	2 31 16 30 2 31 16 30 2 30 16 30 2 30 16 31	15 27 15 30 15 32 15 33 15 34 15 34 15 34	15 4 15 5 15 6 15 7 15 8 15 9 15 10	5 50 5 47 5 44 5 40 5 37 5 34	16 9 16 8 16 7 16 7 16 6 16 5	3 14 3 14 3 14 3 14 3 14 3 14 3 14 3 14
S 18 M19 T 20 W21 T 22 F 23 S 24	23 20 23 22 23 23 23 24 23 25 23 25 23 24	11 30 4 30 17 2 4 57 21 37 5 7 25 0 5 0 26 56 4 36	25 6 25 9 25 11 25 11 25 10	1 37 18 26 1 41 18 44 1 45 19 1 1 49 19 18 1 53 19 34 1 56 19 50 1 59 20 5	1 26 11 15 1 24 11 11 1 22 11 7 1 20 11 4 1 18 11 0 1 16 10 57 1 14 10 54	2 47 2 49 2 51 2 53 2 55	19 0 19 2 19 5 19 8 19 10	0 51 0 51 0 51 0 51 0 51 0 51 0 51	3 27 3 26 3 25 3 24 3 23 3 22 3 21	2 17 2 17 2 17		0 15 0 15 0 15 0 15 0 15	22 9 1 22 9 1 22 9 1 22 9 1 22 9 1	8 8 8 8	2 29 16 34 2 29 16 34	15 35 15 36 15 38 15 40 15 43	15 12 15 13 15 14 15 15 15 16		16 4 16 3 16 2	3 14 3 14 3 14 3 14 3 14 3 14 3 14
	23 20	23 45 2 10 20 13 1 6 15 54 0 1 11 1 1n 4 5 47 2 5	24 51 24 43 24 33 24 22	2 2 20 20 2 5 20 34 2 7 20 47 2 8 21 0 2 10 21 12 2 11 21 24 2 11 21 s35	1 12 10 51 1 10 10 49 1 8 10 46 1 6 10 44 1 4 10 42 1 1 10 41 0n59 10n39	3 1 3 3 3 5 3 7 3 9	19 23	0 51 0 51 0 51 0 51 0 51 0 51 0 n51	3 20 3 18 3 17 3 16 3 14 3 13 3 s12	2 16 2 16 2 16 2 16 2 16 2 16	19 15 19 15 19 16 19 17 19 17 19 18 19 19	0 15 0 15 0 15 0 15 0 15	22 9 1 22 10 1 22 10 1 22 10 1 22 10 1 22 10 1	8 8 8 8	2 28 16 36 2 28 16 37 2 28 16 37 2 28 16 37 2 28 16 37 2 28 16 38 2n28 16n38	15 49 15 50 15 50 15 50 15 50	15 19 15 20 15 21 15 22 15 23	4 58 4 55 4 51 4 48 4 45	16 0 16 0 15 59 15 59 15 58 15 58 15n57	3 14 3 14 3 14 3 14 3 14 3 14 3 s14

Julian Day Number = 2536249.5, Delta T = 197.61 sec Ecliptic obliquity = 23°24'39, Nutation = $0^{\circ}00'10$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $27^{\circ}58'53$, Lahiri = $27^{\circ}05'54$