

# Astrodienst Ephemeris Tables for the year 2239

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 2239 00:00 UT

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Day	Sid.t	0	D	ğ	φ	♂	4	ħ	)મ(	¥	В	u	Ω	Ç	ę,	Day
T 1	6 40 21	9 <b>ප</b> 50'44	14 <b>M</b> 5	26 <b>궁</b> 6	12≈13	20 <b>米</b> 17	5°R 2	4°R24	26 <b>×</b> 757	21°R35	23 <b>M</b> 1	2°R36	2 <b>≙</b> 35	27 <b>∡</b> 758	15°R18	T 1
W 2	6 44 17	10°51'52	26° 3	27°36	13°27	21° 0	4954	49519	27° 1	219533	23° 3	2 <b>≏</b> 28	2°32	28° 5	159514	W 2
T 3	6 48 14	11°53'02	7 <b>.₹</b> 55	29° 4	14°41	21°44	4°46	4°14	27° 5	21°31	23° 5	2°18	2°29	28°12	15°10	T 3
F 4	6 52 10	12°54'11	19°47	0≈31	15°55	22°27	4°38	4°10	27° 8	21°30	23° 7	2° 6	2°26	28°18	15° 6	F 4
S 5	6 56 7	13°55'21	1 <b>ろ</b> 38	1°55	17° 9	23°10	4°30	4° 5	27°12	21°28	23° 8	1°51	2°23	28°25	15° 2	S 5
S 6	7 0 3	14°56'31	13°32	3°18	18°23	23°54	4°22	4° 0	27°15	21°26	23°10	1°36	2°20	28°32	14°58	S 6
M 7	7 4 0	15°57'41	25°29	4°37	19°36	24°37	4°14	3°55	27°19	21°24	23°12	1°22	2°16	28°38	14°54	M 7
T 8	7 7 56	16°58'52	7≈31	5°53	20°50	25°20	4° 6	3°50	27°22	21°23	23°13	1°10	2°13	28°45	14°50	T 8
W 9	7 11 53	18° 0'02	19°38	7° 6	22° 3	26° 4	3°58	3°46	27°26	21°21	23°15	1° 0	2°10	28°52	14°46	W 9
T 10	7 15 50	19° 1'11	1 <b></b> ★ 52	8°14	23°17	26°47	3°51	3°41	27°29	21°19	23°17	0°53	2° 7	28°59	14°41	T 10
F 11	7 19 46	20° 2'21	14°17	9°16	24°31	27°31	3°43	3°36	27°33	21°18	23°18	0°50	2° 4	29° 5	14°37	F 11
S 12	7 23 43	21° 3'30	26°55	10°13	25°44	28°14	3°36	3°32	27°36	21°16	23°20	0°D49	2° 0	29°12	14°33	S 12
S 13	7 27 39	22° 4'39	9 <b>Υ</b> 49	11° 3	26°57	28°57	3°28	3°27	27°39	21°14	23°21	0°49	1°57	29°19	14°29	S 13
M14	7 31 36	23° 5'47	23° 3	11°45	28°11	29°41	3°21	3°23	27°43	21°13	23°23	0°R49	1°54	29°25	14°25	M14
T 15	7 35 32	24° 6'55	6 <b>8</b> 41	12°19	29°24	0 <b>Υ</b> 24	3°14	3°18	27°46	21°11	23°24	0°48	1°51	29°32	14°21	T 15
W16	7 39 29	25° 8'02	20°45	12°43	0 <b>∺</b> 37	1° 7	3° 7	3°14	27°50	21° 9	23°26	0°46	1°48	29°39	14°17	W16
T 17	7 43 25	26° 9'09	5 <b>Ⅱ</b> 13	12°56	1°51	1°51	3° 0	3° 9	27°53	21° 8	23°27	0°40	1°45	29°46	14°13	T 17
F 18	7 47 22	27°10'15	20° 4	12°R59	3° 4	2°34	2°53	3° 5	27°56	21° 6	23°28	0°33	1°41	29°52	14° 9	F 18
S 19	7 51 19	28°11'21	59910	12°50	4°17	3°17	2°46	3° 1	28° 0	21° 4	23°30	0°24	1°38	29°59	14° 5	S 19
S 20	7 55 15	29°12'26	20°23	12°29	5°30	4° 1	2°40	2°57	28° 3	21° 2	23°31	0°14	1°35	0 පි	14° 1	S 20
M21	7 59 12	0≈13'30	5 <b>Ω</b> 31	11°57	6°43	4°44	2°33	2°52	28° 6	21° 1	23°32	0° 5	1°32	0°13	13°57	M21
T 22	8 3 8	1°14'34	20°24	11°13	7°56	5°27	2°27	2°48	28° 9	20°59	23°34	29 <b>m</b> 57	1°29	0°19	13°54	T 22
W23	8 7 5	2°15'38	4 <b>m</b> 54	10°20	9° 9	6°10	2°21	2°44	28°12	20°57	23°35	29°52	1°26	0°26	13°50	W23
T 24	8 11 1	3°16'41	18°56	9°17	10°21	6°53	2°15	2°40	28°16	20°56	23°36	29°49	1°22	0°33	13°46	T 24
F 25	8 14 58	4°17'43	2 <b>॒</b> 30	8° 8	11°34	7°37	2° 9	2°37	28°19	20°54	23°37	29°D49	1°19	0°39	13°42	F 25
S 26	8 18 54	5°18'46	15°35	6°53	12°47	8°20	2° 3	2°33	28°22	20°53	23°38	29°50	1°16	0°46	13°39	S 26
S 27	8 22 51	6°19'48	28°17	5°36	13°59	9° 3	1°58	2°29	28°25	20°51	23°39	29°51	1°13	0°53	13°35	S 27
M28	8 26 48	7°20'49	10 <b>M</b> 38	4°19	15°12	9°46	1°52	2°26	28°28	20°49	23°40	29°R51	1°10	1° 0	13°31	M28
T 29	8 30 44	8°21'50	22°45	3° 4	16°24	10°29	1°47	2°22	28°31	20°48	23°41	29°50	1° 6	1° 6	13°28	T 29
W30	8 34 41	9°22'51	4 <b>₹</b> 42	1°54	17°36	11°12	1°42	2°19	28°34	20°46	23°42	29°46	1° 3	1°13	13°24	W30
T 31	8 38 37	10≈23'51	16 <b>₮</b> 34	0≈49	18 <b>)</b> 49	11 <b>Y</b> 55	19937	29915	28 <b>×</b> 37	209544	23 <b>M</b> 43	29 <b>m</b> 40	1 <b>♀</b> 0	1 <b>る</b> 20	139521	T 31

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	22 27 22 20 22 12	16 31 4 3 14 27 4 11 45 3 2		1 30 10 1 22 10 1 12 1:	7 1 1 48 6 37 1 47 6 13 1 47 5 49 1 46	2 37 2 19 2 1	0 29	23 9 23 10 23 10	0 11 0 11 0 10	22 22 22 23 22 23 22 23	0 58 0 58 0 58	23 31 23 31 23 31 23 32	0 9 0 9 0 9	21 0 21 0 21 1	0 43 0 43 0 43 0 43	4 5 14 55 4 5 14 55 4 5 14 55 4 5 14 56	0 38 0 33 0 28 0 24	0 54 0 53 0 52	18 16 18 16 18 16 18 16	15 20 7 15 20 7 15 21 7	17 17 17 17
F 11	22 3 21 55 21 46	8 30 2 2 4 51 1 2 0 55 0 2	7 18 43	0 50 1	5 24 1 45 4 58 1 44 4 33 1 43	1 24	0 27	<ul><li>23 11</li><li>23 11</li><li>23 11</li></ul>	0 10	22 23 22 24 22 24	0 58	23 32 23 32 23 32	0 9	21 1	0 43 0 43 0 43	4 5 14 56 4 5 14 56 4 5 14 57	0 21 0 20 0 19	0 49	18 16 18 16 18 16	15 22 7	' 17 ' 17 ' 17
M14 T 15 W16 T 17 F 18	21 36 21 26 21 15 21 5 20 53 20 42 20 30	7 10 1 5 10 55 2 5 14 10 3 5 16 38 4 3 18 4 4 5	9 16 58 3 16 35 4 16 15	0n 7 12 0 24 12 0 41 12	3 40 1 41 3 13 1 40 2 46 1 38 2 19 1 37 1 51 1 36	0 29 0 11 0n 7 0 25 0 44	0 24 0 22 0 21 0 20 0 19	23 12 23 12 23 12 23 13 23 13 23 13 23 14	0 10 0 10 0 10 0 9 0 9 0 9 0 9	22 25 22 25 22 25 22 25 22 25	0 57 0 57 0 57 0 57 0 57 0 57	23 32 23 32 23 32	0 9 0 9 0 9 0 9 0 9	21 2 21 2 21 3 21 3 21 3	0 43 0 43 0 43 0 43 0 43 0 43	4 5 14 57 4 5 14 58 4 5 14 58 4 5 14 58 4 5 14 59 4 5 14 59 4 5 14 59	0 19 0 19 0 19 0 18 0 16 0 13 0 9	0 45 0 44 0 43 0 42 0 40	18 16 18 16 18 16	15 23 7 15 23 7 15 24 7 15 24 7 15 25 7	17 17 17 17 17 17 17 17
S 20 M21 T 22 W23 T 24 F 25 S 26	20 17 20 4 19 51 19 38 19 24 19 9 18 55	14 51 4 11 36 3 1 7 42 2 3 29 0 5 0s46 0n1	5 15 29 8 15 21 4 15 15 9 15 13 8 15 15 4 15 19 4 15 27	1 55 10 2 13 2 2 30 2 2 45 2 2 59	0 55 1 32 0 26 1 30 9 57 1 29 9 28 1 27 8 59 1 25 8 29 1 22 7 59 1 20	1 38 1 56 2 14 2 32 2 50	0 16 0 15 0 14 0 13 0 11	23 14 23 14 23 14 23 15 23 15 23 15 23 15	0 8 0 8	22 26	0 56 0 56 0 56 0 56 0 56	23 32	0 9 0 9 0 9 0 9 0 9	21 4 21 4 21 4 21 5 21 5	0 43 0 43 0 43 0 43 0 43 0 42 0 42	4 4 15 0 4 4 15 0 4 4 15 1 4 4 15 1 4 4 15 2 4 4 15 2	0 5 0 2 0n 1 0 3 0 4 0 4 0 4	0 36 0 35 0 34 0 33 0 31	18 16 18 16 18 16 18 16	15 26 7 15 27 7 15 27 7 15 28 7 15 28 7	17 17 16 16 16 16 16 16
	18 40 18 25 18 9 17 53 17 s37	11 48 3 2 14 28 4 16 29 4 3	7 15 36 1 15 48 5 16 1 8 16 14 9 16s29	3 27 3 32 3 33	7 29 1 18 6 59 1 16 6 29 1 13 5 58 1 11 5 s28 1 s 8	3 44 4 2 4 20	0 8 0 7 0 6	23 16 23 16 23 16 23 16 23 16 23n17	0 8 0 7 0 7		0 55 0 55 0 55	23 33 23 33 23 33 23 33 23 s33	0 9 0 9 0 9	21 6 21 6 21 6	0 42 0 42 0 42 0 42 0 s42	4 3 15 3 4 3 15 3 4 3 15 4 4 3 15 4 4s 3 15n 5	0 4 0 4 0 4 0 6 0n 8		18 15	15 30 7 15 31 7 15 31 7	' 16 ' 15 ' 15 ' 15 ' 15

Julian Day Number = 2538837.5, Delta T = 206.26 sec Ecliptic obliquity =  $23^{\circ}24'20$ , Nutation =  $0^{\circ}00'01$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $28^{\circ}04'50$ , Lahiri =  $27^{\circ}11'50$ 

FEBRUARY 2239 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	4	ħ	)ұ(	并	В	u	v	Ç	Ŗ	Day
F 1	8 42 34	11≈24'51	28 <b>×</b> 24	29°R51	20 <b>米</b> 1	12 <b>Y</b> 39	1°R32	2°R12	28 <b>×</b> <sup>7</sup> 40	20°R43	23 <b>M</b> .44	29°R33	0 <b>ჲ</b> 57	1 <b>る</b> 27	13°R17	F 1
S 2	8 46 30	12°25'49	10중17	29궁 1	21°13	13°22	19528	295 9	28°43	209541	23°45	29 <b>m</b> 24	0°54	1°33	139514	S 2
S 3	8 50 27	13°26'47	22°14	28°20	22°25	14° 5	1°23	2° 6	28°46	20°40	23°46	29°14	0°51	1°40	13°10	S 3
M 4	8 54 23	14°27'45	4≈18	27°47	23°37	14°48	1°19	2° 3	28°48	20°38	23°47	29° 5	0°47	1°47	13° 7	M 4
T 5	8 58 20	15°28'41	16°29	27°23	24°49	15°31	1°15	2° 0	28°51	20°37	23°47	28°57	0°44	1°53	13° 4	T 5
W 6	9 2 17	16°29'36	28°49	27° 8	26° 0	16°14	1°11	1°57	28°54	20°35	23°48	28°51	0°41	2° 0	13° 1	W 6
T 7	9 6 13	17°30'30	11 <b>米</b> 19	27°D 1	27°12	16°57	1°8	1°54	28°57	20°34	23°49	28°48	0°38	2° 7	12°58	T 7
F 8	9 10 10	18°31'23	23°59	27° 2	28°23	17°40	1° 4	1°52	28°59	20°32	23°49	28°D46	0°35	2°14	12°54	F 8
S 9	9 14 6	19°32'14	6 <b>Y</b> 52	27°10	29°35	18°22	1° 1	1°49	29° 2	20°31	23°50	28°46	0°31	2°20	12°51	S 9
S 10	9 18 3	20°33'04	19°57	27°25	0 <b>Υ</b> 46	19° 5	0°58	1°47	29° 5	20°29	23°51	28°48	0°28	2°27	12°49	S 10
M11	9 21 59	21°33'53	3 <b>8</b> 18	27°46	1°57	19°48	0°55	1°44	29° 7	20°28	23°51	28°49	0°25	2°34	12°46	M11
T 12	9 25 56	22°34'40	16°55	28°13	3° 9	20°31	0°52	1°42	29°10	20°27	23°52	28°R50	0°22	2°40	12°43	T 12
W13	9 29 52	23°35'26	0耳50	28°45	4°20	21°14	0°50	1°40	29°12	20°25	23°52	28°50	0°19	2°47	12°40	W13
T 14	9 33 49	24°36'10	15° 3	29°22	5°30	21°57	0°48	1°38	29°15	20°24	23°53	28°48	0°16	2°54	12°38	T 14
F 15	9 37 46	25°36'53	29°32	0≈ 4	6°41	22°39	0°46	1°36	29°17	20°23	23°53	28°45	0°12	3° 1	12°35	F 15
S 16	9 41 42	26°37'34	149513	0°49	7°52	23°22	0°44	1°34	29°20	20°21	23°53	28°41	0° 9	3° 7	12°32	S 16
S 17	9 45 39	27°38'14	29° 0	1°39	9° 2	24° 5	0°42	1°33	29°22	20°20	23°54	28°36	0° 6	3°14	12°30	S 17
M18	9 49 35	28°38'52	13 <b>Ω</b> 45	2°32	10°13	24°47	0°41	1°31	29°24	20°19	23°54	28°32	0° 3	3°21	12°28	M18
T 19	9 53 32	29°39'28	28°21	3°28	11°23	25°30	0°39	1°30	29°26	20°17	23°54	28°28	29 <b>m</b> 59	3°28	12°25	T 19
W20	9 57 28	0 <b>)(</b> 40'03	12 Mp 42	4°27	12°33	26°13	0°38	1°28	29°29	20°16	23°54	28°26	29°57	3°34	12°23	W20
T 21	10 1 25	1°40'36	26°40	5°28	13°43	26°55	0°37	1°27	29°31	20°15	23°55	28°D25	29°53	3°41	12°21	T 21
F 22	10 5 21	2°41'09	10 <b>≏</b> 15	6°32	14°53	27°38	0°37	1°26	29°33	20°14	23°55	28°25	29°50	3°48	12°19	F 22
S 23	10 9 18	3°41'39	23°25	7°39	16° 2	28°20	0°36	1°25	29°35	20°13	23°55	28°27	29°47	3°54	12°17	S 23
S 24	10 13 15	4°42'09	6 <b>M</b> .13	8°47	17°12	29° 3	0°36	1°24	29°37	20°12	23°55	28°28	29°44	4° 1	12°15	S 24
M25	10 17 11	5°42'37	18°40	9°58	18°21	29°45	0°D36	1°23	29°39	20°11	23°55	28°30	29°41	4° 8	12°13	M25
T 26	10 21 8	6°43'04	0 <b>√</b> 51	11°11	19°30	0 <b>8</b> 28	0°36	1°22	29°41	20° 9	23°R55	28°31	29°37	4°15	12°11	T 26
W27	10 25 4	7°43'30	12°51	12°25	20°39	1°10	0°36	1°22	29°43	20° 8	23°55	28°R31	29°34	4°21	12°10	W27
T 28	10 29 1	8 <b>):</b> 43'54	24 <b>×</b> 745	13≈41	21 <b>Y</b> 48	1 <b>8</b> 52	0ഇ37	19921	29 <b>х</b> 45	2095 7	23M55	28 <b>m</b> 30	29 <b>m</b> 31	4 <b>る</b> 28	1295 8	T 28

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F 1	17 s20	18 s 1 7	5n 7	16 s44	3n30	4s57	1s 5	4n55	0s 4	23n17	0 s 7	22n29	0s55	23 s33	0s 9	21n 7	0 s42	4s 2 15n	5 0n11	0 s23	18s15	15n32	7 s14
S 2	17 3	18 0	5 1	16 58	3 26	4 26	1 2	5 13	0 3	23 17	0 7	22 29	0 54	23 33	0 9	21 7	0 42	4 2 15	0 14	0 21	18 15	15 33	7 14
S 3	16 46	16 55	4 43	17 13	3 19	3 55	1 0	5 31	0 2	23 17	0 3	22 29	0 54	23 33	0 9	21 7	0 42	4 2 15	0 18	0 20	18 15	15 33	7 14
M 4	16 28	15 5	4 12	17 26	3 12	3 24	0 57	5 48	0 1	23 17	0 3	22 29	0 54	23 33	0 9	21 8	0 42	4 2 15	0 22	0 19	18 15	15 34	7 13
T 5	16 10	12 33	3 28	17 40	3 3	2 53	0 54	6 5	0 (	23 18	0 6	22 30	0 54	23 33	0 9	21 8	0 42	4 1 15	0 25	0 18	18 15	15 35	7 13
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T 7	15 34	5 52	1 33	18 4	2 43	1 50	0 47	6 40	0 1	23 18	0 6	22 30	0 54	23 33	0 9	21 8	0 42	4 1 15	0 29	0 15	18 15	15 36	7 13
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S 10	14 37	6 3	1 53	18 32	2 9	0 16	0 37	7 32	0 4	23 18	3 0 6	22 31	0 53	23 33	0 9	21 9	0 42	4 0 15	0 29	0 11	18 14	15 38	7 12
M11	14 18	9 49	2 57	18 40	1 58	0n15	0 34	7 49	0 5	23 19	0 5	22 31	0 53	23 33	0 9	21 9	0 42	3 59 15 1	0 28	0 10	18 14	15 38	7 11
T 12	13 58	13 9	3 52	18 46	1 46	0 47	0 31	8 6	0 6	23 19	0 3	22 31	0 53	23 33	0 9	21 9	0 42	3 59 15 1	0 28	0 9	18 14	15 39	7 11
W13	13 38	15 48	4 36	18 51	1 34	1 18	0 27	8 23	0 7	23 19	0 3	22 31	0 52	23 33	0 9	21 10	0 42	3 59 15 1	0 28	0 7	18 14	15 40	7 10
T 14	13 18	17 33	5 3	18 54	1 23	1 50	0 23	8 39	0 8	23 19	0 3	22 31	0 52	23 33	0 9	21 10	0 42	3 58 15 1	0 28	0 6	18 14	15 40	7 10
F 15	12 58	18 12	5 12	18 57	1 11	2 21	0 20	8 56	0 9	23 19	0 5	22 32	0 52	23 33	0 9	21 10	0 42	3 58 15 1	0 30	0 5	18 14	15 41	7 10
S 16	12 37	17 40	5 1	18 58	1 0	2 52	0 16	9 13	0 10	23 19	0 5	22 32	0 52	23 33	0 9	21 10	0 42	3 58 15 1	0 31	0 4	18 14	15 41	7 9
S 17	12 17	15 56	4 29	18 58	0 49	3 24	0 12	9 29	0 10	23 20	0 5	22 32	0 52	23 33	0 9	21 11	0 42	3 57 15 1	0 33	0 2	18 14	15 42	7 9
M18	11 56	13 9	3 40	18 57	0 38	3 55	0 8	9 46	0 11	23 20	0 4	1 22 32	0 52	23 33	0 9	21 11	0 42	3 57 15 1	0 35	0 1	18 14	15 43	7 8
T 19	11 35	9 34	2 37	18 55	0 27	4 26	0 4	10 2	0 12	23 20	0 4	1 22 32	0 51	23 34	0 9	21 11	0 42	3 56 15 1	0 36	0n 0	18 14	15 43	7 8
W20	11 13	5 28	1 25	18 51	0 17	4 57	0 0	10 18	0 13	23 20	0 4	22 33	0 51	23 34	0 9	21 11	0 42	3 56 15 1	0 37	0 1	18 13	15 44	7 8
T 21	10 52	1 10	0 10	18 46	0 7	5 28	0n 4	10 34	0 14	23 20	0 4	1 22 33	0 51	23 34	0 9	21 11	0 42	3 56 15 1	0 38	0 3	18 13	15 45	7 7
F 22	10 30	3 s 4	1n 5	18 40	0s 3	5 59	0 8	10 51	0 15	23 20	0 4	1 22 33	0 51	23 34	0 9	21 12	0 42	3 55 15 1	0 38	0 4	18 13	15 45	7 7
S 23	10 8	7 1	2 13	18 32	0 12	6 29	0 12	11 6	0 15	23 20	0 4	22 33	0 51	23 34	0 9	21 12	0 42	3 55 15 1	0 37	0 5	18 13	15 46	7 6
S 24	9 46	10 32	3 13	18 23	0 22	7 0	0 16	11 22	0 16	23 21	0 4	22 33	0 50	23 34	0 9	21 12	0 42	3 54 15 1	0 36	0 6	18 13	15 47	7 6
M25	9 24	13 28	4 2	18 13	0 30	7 30	0 21	11 38	0 17	23 21	0 4	22 34	0 50	23 34	0 9	21 12	0 42	3 54 15 1	0 36	0 8	18 13	15 47	7 5
T 26	9 2	15 45	4 39	18 1	0 39	8 0	0 25	11 54	0 18	23 21	0 3	22 34	0 50	23 34	0 9	21 12	0 42	3 53 15 1	0 35	0 9	18 13	15 48	7 5
W27	8 40	17 17	5 3	17 48	0 47	8 30	0 29	12 9	0 18	23 21	0 3	22 34	0 50	23 34	0 9	21 13	0 42	3 53 15 1	0 35	0 10	18 13	15 48	7 4
T 28	8 s 1 7	18s 4	5n14	$17\mathrm{s}34$	0s55	9n 0	0n34	12n25	0n19	23n21	0 s 3	22n34	0s50	23 s34	0s 9	21n13	0 s42	3 s53 15n1	8 0n36	0n11	18s12	15n49	7 s 4

Julian Day Number = 2538868.5, Delta T = 206.37 sec Ecliptic obliquity =  $23^{\circ}24'20$ , Nutation =  $0^{\circ}00'02$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $28^{\circ}04'54$ , Lahiri =  $27^{\circ}11'55$ 

MARCH 2239 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	4	ħ	)મ(	卉	В	S.	v	Ç	Ŷ,	Day
F 1	10 32 57	9 <b>) (</b> 44'17	6 <b>ප</b> 36	14≈58	22 <b>Y</b> 57	2 <b>8</b> 35	0937	1°R21	29 <b>х</b> 47	20°R 6	23°R55	28°R28	29 <b>m</b> 28	4 <b>る</b> 35	12°R 7	F 1
S 2	10 36 54	10°44'39	18°31	16°17	24° 6	3°17	0°38	19521	29°48	2095 5	23 <b>M</b> .55	28Mp26	29°25	4°42	1295 5	S 2
S 3	10 40 50	11°44'59	0≈31	17°38	25°14	3°59	0°39	1°21	29°50	20° 5	23°54	28°23	29°22	4°48	12° 4	S 3
M 4	10 44 47	12°45'17	12°41	19° 0	26°22	4°42	0°41	1°D21	29°52	20° 4	23°54	28°20	29°18	4°55	12° 3	M 4
T 5	10 48 44	13°45'34	25° 2	20°23	27°30	5°24	0°42	1°21	29°53	20° 3	23°54	28°18	29°15	5° 2	12° 2	T 5
W 6	10 52 40	14°45'49	7 <b>)</b> €36	21°47	28°38	6° 6	0°44	1°21	29°55	20° 2	23°54	28°17	29°12	5° 8	12° 1	W 6
T 7	10 56 37	15°46'03	20°24	23°13	29°46	6°48	0°46	1°21	29°56	20° 1	23°53	28°16	29° 9	5°15	12° 0	T 7
F 8	11 0 33	16°46'14	3 <b>Υ</b> 26	24°40	0 <b>8</b> 53	7°30	0°48	1°22	29°58	20° 0	23°53	28°D16	29° 6	5°22	11°59	F 8
S 9	11 430	17°46'24	16°41	26° 9	2° 0	8°12	0°50	1°22	29°59	20° 0	23°53	28°16	29° 3	5°29	11°58	S 9
S 10	11 8 26	18°46'32	0810	27°38	3° 7	8°54	0°53	1°23	0ට 1	19°59	23°52	28°17	28°59	5°35	11°57	S 10
M11	11 12 23	19°46'38	13°50	29° 9	4°14	9°36	0°55	1°24	0° 2	19°58	23°52	28°18	28°56	5°42	11°57	M11
T 12	11 16 19	20°46'41	27°40	0 <b>)</b> (40	5°21	10°18	0°58	1°24	0° 3	19°57	23°51	28°19	28°53	5°49	11°56	T 12
W13	11 20 16	21°46'43	11 <b>II</b> 41	2°13	6°27	11° 0	1° 1	1°25	0° 4	19°57	23°51	28°19	28°50	5°55	11°56	W13
T 14	11 24 12	22°46'43	25°50	3°47	7°33	11°42	1° 5	1°26	0° 6	19°56	23°50	28°R19	28°47	6° 2	11°55	T 14
F 15	11 28 9	23°46'40	1095 4	5°23	8°39	12°24	1° 8	1°28	0° 7	19°56	23°50	28°19	28°43	6° 9	11°55	F 15
S 16	11 32 6	24°46'35	24°23	6°59	9°45	13° 6	1°12	1°29	0° 8	19°55	23°49	28°19	28°40	6°16	11°55	S 16
S 17	11 36 2	25°46'28	8 <b>Ω</b> 42	8°37	10°50	13°48	1°15	1°30	0° 9	19°55	23°48	28°18	28°37	6°22	11°D55	S 17
M18	11 39 59	26°46'18	22°57	10°15	11°55	14°30	1°19	1°32	0°10	19°54	23°48	28°18	28°34	6°29	11°55	M18
T 19	11 43 55	27°46'07	7 <b>m</b> ) 5	11°55	13° 0	15°11	1°24	1°34	0°11	19°54	23°47	28°18	28°31	6°36	11°55	T 19
W20	11 47 52	28°45'53	21° 1	13°36	14° 5	15°53	1°28	1°35	0°12	19°53	23°46	28°18	28°28	6°43	11°55	W20
T 21	11 51 48	29°45'37	4 <b>Ω</b> 42	15°19	15° 9	16°35	1°32	1°37	0°12	19°53	23°46	28°18	28°24	6°49	11°56	T 21
F 22	11 55 45	0 <b>Υ</b> 45'20	18° 6	17° 2	16°13	17°16	1°37	1°39	0°13	19°53	23°45	28°18	28°21	6°56	11°56	F 22
S 23	11 59 41	1°45'00	1 <b>M</b> .11	18°47	17°17	17°58	1°42	1°41	0°14	19°52	23°44	28°18	28°18	7° 3	11°56	S 23
S 24	12 3 38	2°44'39	13°57	20°33	18°20	18°39	1°47	1°44	0°14	19°52	23°43	28°17	28°15	7° 9	11°57	S 24
M25	12 7 35	3°44'16	26°25	22°20	19°23	19°21	1°52	1°46	0°15	19°52	23°42	28°17	28°12	7°16	11°58	M25
T 26	12 11 31	4°43'51	8 <b>₹</b> 39	24° 9	20°26	20° 2	1°57	1°48	0°16	19°52	23°41	28°16	28° 8	7°23	11°58	T 26
W27	12 15 28	5°43'25	20°42	25°58	21°28	20°44	2° 3	1°51	0°16	19°51	23°40	28°15	28° 5	7°30	11°59	W27
T 28	12 19 24	6°42'57	2 <b>ප</b> 37	27°49	22°30	21°25	2° 8	1°53	0°17	19°51	23°39	28°D15	28° 2	7°36	12° 0	T 28
F 29	12 23 21	7°42'27	14°30	29°42	23°32	22° 7	2°14	1°56	0°17	19°51	23°38	28°15	27°59	7°43	12° 1	F 29
S 30	12 27 17	8°41'55	26°25	1 <b>Y</b> 35	24°33	22°48	2°20	1°59	0°17	19°51	23°37	28°15	27°56	7°50	12° 2	S 30
S 31	12 31 14	9 <b>°</b> 41'21	8≈26	<b>3</b> Υ30	25 <b>8</b> 34	23829	2926	295 2	0 <b>궁</b> 18	19951	23 <b>M</b> 36	28 <b>m</b> 16	27 <b>m</b> 53	7 <b>ප</b> 56	129 3	S 31

Day	0	D	ğ	Q	a	7	2	+	ħ	l.	);	<del>j(</del>	¥	Р	n	Ω	Ç	Š	j
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F 1 S 2	7 s54 7 32				)n38 12n40 ) 43 12 55		23n21 23 21	0s 3 0 3			23 s34 23 34		21n13 0s4 21 13 0 4		0n36 0 37		18 s12 18 12		7 s 3 7 3
S 3	7 9	10 .0 . 27			13 10		23 22	0 3			23 34		21 13 0 4		0 39		18 12		7 2
M 4 T 5	6 46 6 23	10 26 2 54	16 5	1 29 11 27 (	) 52 13 25 ) 56 13 40	0 23	23 22 23 22	0 3 0 2	22 35	0 49 0 49	23 34	0 9	21 13 0 4 21 14 0 4	2 3 50 15 20	0 40 0 40	0 17 0 18	-	15 52	7 2 7 1
W 6 T 7	6 0 5 36	6 58 1 52 3 8 0 43		1 35 11 55 1 1 40 12 23 1	1 13 54 5 14 9		23 22 23 22	0 2 0 2		0 49 0 48	<ul><li>23 34</li><li>23 34</li></ul>		21 14 0 4 21 14 0 4		0 41 0 41	0 19 0 20	-		7 1 7 0
F 8 S 9	5 13 4 50	0n56 0s29 5 0 1 40			10 14 23 15 14 38		23 22 23 22	0 2 0 2			<ul><li>23 34</li><li>23 34</li></ul>		21 14 0 4 21 14 0 4		0 41 0 41		18 11 18 11		7 0 6 59
S 10 M11	4 26 4 3	8 54 2 48 12 22 3 47			19 14 52 24 15 6		23 22 23 22	0 2 0 2			23 34 23 34	0 10 0 10	21 14 0 4 21 14 0 4		0 41 0 41	-	18 11 18 11		6 59 6 58
T 12 W13	3 39 3 15	-			29 15 20 33 15 34		23 23 23 23	0 2 0 1			<ul><li>23 34</li><li>23 34</li></ul>		21 15 0 4 21 15 0 4		0 40 0 40	0 27 0 28	-		6 58 6 57
T 14 F 15	2 52 2 28		-		38 15 47 43 16 1		23 23 23 23	0 1 0 1			<ul><li>23 34</li><li>23 34</li></ul>		21 15 0 4 21 15 0 4		0 40 0 40		18 10 18 10		6 56 6 56
S 16					47 16 14		23 23	0 1			23 34		21 15 0 4		0 40		18 10		6 55
S 17 M18	1 17	10 57 3 4	9 47	2 14 17 15 1	52 16 27 57 16 40	0 32	23 23 23 23	0 1 0 1	22 37	0 46	23 34 23 34	0 10		1 3 43 15 25	0 40 0 40	0 34		16 0	6 55 6 54
T 19 W20	0 53 0 29	7 7 1 55 2 56 0 40	8 31	2 15 17 39 2 15 18 3 2	2 6 17 6	0 33	23 23 23 23	0 1 0 1	22 38	0 46	<ul><li>23 34</li><li>23 34</li></ul>	0 10	21 15 0 4	1 3 42 15 26	0 40 0 40	0 35 0 37	18 9	16 1	6 54 6 53
T 21 F 22 S 23	0 6 0n18 0 42	1s19 0n35 5 26 1 48 9 10 2 52	7 10	2 14 18 50 2	2 11 17 18 2 16 17 31 2 20 17 43	0 34	23 23 23 23 23 23	0 0	22 38 22 38 22 38	0 46	<ul><li>23 34</li><li>23 34</li><li>23 34</li></ul>	0 10	21 15 0 4 21 16 0 4 21 16 0 4	1 3 41 15 27	0 40 0 41 0 41	0 38 0 39 0 41	18 9		6 53 6 52 6 51
S 24	1 5	12 23 3 47	5 45	2 11 19 35 2	2 25 17 55	0 35	23 24	0 0	22 38	0 45	23 34	0 10	21 16 0 4	1 3 40 15 28	0 41	0 42	18 8	16 3	6 51
M25 T 26	1 29 1 53	16 48 4 59	4 15	2 6 20 18 2	2 29 18 7 2 34 18 19	0 36	23 24 23 24	0 0	22 39 22 39	0 45	<ul><li>23 34</li><li>23 34</li></ul>	0 10	21 16 0 4 21 16 0 4	1 3 39 15 28	0 41 0 41	0 43 0 44	18 8	-	6 50 6 50
W27 T 28	2 16 2 40	18 7 5 16	2 42	2 0 21 0 2	2 39 18 30 2 43 18 42	0 38	23 24 23 24	0 0	22 39 22 39	0 45	<ul><li>23 34</li><li>23 34</li></ul>	0 10	21 16 0 4 21 16 0 4	1 3 38 15 29	0 42 0 42	0 46 0 47	18 8 18 7	-	6 49 6 49
F 29 S 30	3 3 3 27	17 35 5 4 16 16 4 40			2 48 18 53 2 52 19 4		23 24 23 24	0 0 0 1	22 39 22 39		<ul><li>23 34</li><li>23 34</li></ul>		21 16 0 4 21 16 0 4		0 42 0 42	0 48 0 49		16 5 16 6	6 48 6 47
S 31	3n50	14s14 4n 2	0s14	1 s46 21n59 2	2n56 19n15	0n39	23n24	0n 1	22n39	0 s44	23 s34	0s10	21n16 0s4	1 3 s36 15n30	0n41	0n51	18s 7	16n 6	6 s47

 $\label{eq:Julian Day Number = 2538896.5, Delta T = 206.46 sec} \\ Ecliptic obliquity = 23°24'20, Nutation = 0°00'01, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 28°04'58, Lahiri = 27°11'58 \\$ 

APRIL 2239 00:00 UT

Day	Sid.t	0	D	ğ	Q	♂	4	ħ	)∤(	¥	Р	R	ຄ	Ç	<mark>к</mark> 0	Day
M 1	12 35 10	10 <b>Y</b> 40'46	20≈39	5 <b>Υ</b> 26	26 <b>8</b> 35	24811	2933	295 5	0 <b>ට</b> 18	19°D51	23°R35	28 <b>m</b> 17	27 <b>m</b> 49	8ට 3	1295 5	M 1
T 2	12 39 7	11°40'08	3 <b>∺</b> 6	7°24	27°35	24°52	2°39	2° 8	0°18	19951	23 <b>M</b> .34	28°19	27°46	8°10	12° 6	T 2
W 3	12 43 4	12°39'29	15°50	9°22	28°34	25°33	2°46	2°11	0°18	19°51	23°33	28°20	27°43	8°17	12° 8	W 3
T 4	12 47 0	13°38'48	28°54	11°22	29°34	26°14	2°53	2°15	0°18	19°51	23°32	28°R20	27°40	8°23	12° 9	T 4
F 5	12 50 57	14°38'05	12 <b>Y</b> 16	13°23	0Д33	26°55	2°59	2°18	0°R18	19°51	23°31	28°19	27°37	8°30	12°11	F 5
S 6	12 54 53	15°37'20	25°57	15°24	1°31	27°37	3° 6	2°21	0°18	19°52	23°29	28°18	27°34	8°37	12°12	S 6
S 7	12 58 50	16°36'33	9 <b>8</b> 53	17°27	2°29	28°18	3°14	2°25	0°18	19°52	23°28	28°16	27°30	8°43	12°14	S 7
M 8	13 2 46	17°35'44	24° 1	19°30	3°26	28°59	3°21	2°29	0°18	19°52	23°27	28°13	27°27	8°50	12°16	M 8
T 9	13 6 43	18°34'53	8 <b>Ⅱ</b> 17	21°34	4°23	29°40	3°28	2°33	0°18	19°52	23°26	28°11	27°24	8°57	12°18	T 9
W10	13 10 39	19°33'59	22°35	23°39	5°20	0 <b>Ⅲ</b> 21	3°36	2°36	0°17	19°53	23°24	28° 8	27°21	9° 4	12°20	W10
T 11	13 14 36	20°33'03	6953	25°44	6°16	1° 2	3°44	2°40	0°17	19°53	23°23	28° 7	27°18	9°10	12°22	T 11
F 12	13 18 33	21°32'05	21° 7	27°48	7°11	1°43	3°52	2°44	0°17	19°53	23°22	28°D 6	27°14	9°17	12°25	F 12
S 13	13 22 29	22°31'04	5 <b>Ω</b> 14	29°53	8° 6	2°24	4° 0	2°49	0°16	19°54	23°20	28° 7	27°11	9°24	12°27	S 13
S 14	13 26 26	23°30'01	19°13	1856	9° 0	3° 4	4° 8	2°53	0°16	19°54	23°19	28° 8	27° 8	9°31	12°29	S 14
M15	13 30 22	24°28'56	3 <b>m</b> y 3	3°59	9°54	3°45	4°16	2°57	0°16	19°55	23°17	28° 9	27° 5	9°37	12°32	M15
T 16	13 34 19	25°27'49	16°43	6° 1	10°47	4°26	4°25	3° 2	0°15	19°55	23°16	28°11	27° 2	9°44	12°34	T 16
W17	13 38 15	26°26'39	0 <b>ჲ</b> 12	8° 1	11°39	5° 7	4°33	3° 6	0°14	19°56	23°15	28°R11	26°59	9°51	12°37	W17
T 18	13 42 12	27°25'27	13°29	9°59	12°30	5°47	4°42	3°11	0°14	19°56	23°13	28°10	26°55	9°57	12°40	T 18
F 19	13 46 8	28°24'13	26°32	11°55	13°21	6°28	4°50	3°15	0°13	19°57	23°12	28° 8	26°52	10° 4	12°43	F 19
S 20	13 50 5	29°22'57	9 <b>M</b> 23	13°48	14°11	7° 9	4°59	3°20	0°12	19°57	23°10	28° 4	26°49	10°11	12°45	S 20
S 21	13 54 1	0 <b>8</b> 21'39	21°59	15°38	15° 0	7°49	5° 8	3°25	0°11	19°58	23° 9	27°59	26°46	10°18	12°48	S 21
M22	13 57 58	1°20'20	4 <b>₹</b> 23	17°25	15°49	8°30	5°17	3°30	0°11	19°59	23° 7	27°53	26°43	10°24	12°51	M22
T 23	14 1 55	2°18'59	16°34	19° 9	16°36	9°10	5°27	3°35	0°10	19°59	23° 6	27°47	26°39	10°31	12°54	T 23
W24	14 5 51	3°17'36	28°36	20°48	17°23	9°51	5°36	3°40	0° 9	20° 0	23° 4	27°42	26°36	10°38	12°58	W24
T 25	14 9 48	4°16'11	10 <b>ට</b> 31	22°24	18° 9	10°31	5°46	3°45	0°8	20° 1	23° 3	27°38	26°33	10°44	13° 1	T 25
F 26	14 13 44	5°14'44	22°23	23°55	18°54	11°12	5°55	3°50	0° 7	20° 2	23° 1	27°35	26°30	10°51	13° 4	F 26
S 27	14 17 41	6°13'16	4≈17	25°22	19°38	11°52	6° 5	3°56	0° 6	20° 3	22°59	27°D34	26°27	10°58	13° 8	S 27
S 28	14 21 37	7°11'47	16°17	26°45	20°21	12°33	6°15	4° 1	0° 5	20° 4	22°58	27°35	26°24	11° 5	13°11	S 28
M29	14 25 34	8°10'15	28°29	28° 3	21° 3	13°13	6°24	4° 6	0° 3	20° 4	22°56	27°36	26°20	11°11	13°15	M29
T 30	14 29 30	9 <b>8</b> 8'42	10 <b>¥</b> 57	29 <b>8</b> 16	21 <b>Ⅱ</b> 44	13 <b>Ⅱ</b> 53	6934	49912	0중 2	2099 5	22 <b>M</b> 55	27 <b>m</b> 37	26 <b>m</b> 17	11 <b>る</b> 18	139518	T 30
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Day	0	D		ğ	i	ç	)	С	7	2	4		ħ	l.	);	(	4		Р	n	Ω	Ç	Ł	5
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M 1 T 2	4n13 4 37		3n14 2 15	0n38 1 30	1 s40 1 34	22n17 22 36		19n26 19 37		23n24 23 24			22n39 22 40		23 s34 23 34		21n16 21 16	0 s41 0 41	3 s 36 15 n 30 3 35 15 31	0n41 0 40	0n52 0 53		16n 7 16 7	6 s 4 6 6 4 6
W 3	5 0		1 9	2 22	1 27					23 24			22 40		23 34		21 16	0 41	3 34 15 31	0 40	0 54		16 8	6 45
T 4	5 23	0 29	0s 3	3 16	1 20	23 11	3 13	19 57	0 41	23 24	0	1 2	22 40	0 43	23 34	0 10	21 16	0 41	3 34 15 31	0 40	0 56	18 6	16 8	6 45
F 5	5 46		1 16	4 10	1 12		3 18			23 24	-		22 40		23 34		21 16	0 41	3 33 15 32		0 57		16 8	6 44
S 6	6 8	7 44	2 27	5 4	1 4	23 43	3 22	20 17	0 42	23 24	0	1 2	22 40	0 43	23 34	0 10	21 16	0 41	3 33 15 32	0 40	0 58	18 5	16 9	6 44
S 7	6 31	11 26	3 30	5 59	0 55	23 59		20 27		23 23	0		22 40		23 34		21 16	0 41	3 32 15 32	0 41	0 59		16 9	6 43
M 8		-	4 21	6 55		24 14				23 23			22 40		23 34		21 16	0 40	3 32 15 33		1 1		16 10	6 43
T 9			4 56			24 29		20 46		23 23			22 40		23 34		21 16	0 40	3 31 15 33		1 2	-	16 10	6 42
W10			5 13	8 45		24 43		20 55		23 23			22 40		23 34		21 16	0 40	3 31 15 33		1 3	-	16 10	6 41
T 11	-		5 11	9 41		24 57	3 41			23 23			22 40		23 34		21 16	0 40	3 30 15 33			-	16 11	6 41
F 12				10 35	0 6			21 13		23 23			22 41		23 34		21 16	0 40	3 30 15 34		1 6		16 11	6 40
S 13	8 45	14 52	4 11	11 30	0n 5	25 23	3 48	21 21	0 46	23 23	0	2 2	22 41	0 42	23 35	0 10	21 16	0 40	3 29 15 34	0 45	1 7	18 3	16 11	6 40
S 14	9 7	11 54	3 18	12 23	0 16	25 35	3 51	21 30	0 46	23 23	0	2 2	22 41	0 42	23 35	0 10	21 16	0 40	3 28 15 34	0 44	1 8	18 3	16 12	6 39
M15	9 29	8 17	2 14	13 16	0 27	25 46	3 55	21 38	0 47	23 22	0	2 2	22 41	0 42	23 35	0 10	21 16	0 40	3 28 15 34	0 44	1 10	18 3	16 12	6 39
T 16	9 50	4 16	1 3	14 7	0 39	25 57	3 58	21 46	0 47	23 22	0	2 2	22 41	0 41	23 35	0 10	21 16	0 40	3 27 15 34	0 43	1 11	18 3	16 12	6 38
W17	10 11	0 5	0n11	14 57	0 50	26 8		21 54		23 22	0	2 2	22 41		23 35		21 16	0 40	3 27 15 35	0 43	1 12	-	16 12	6 38
T 18	10 33			15 45	1 1					23 22			22 41		23 35		21 16	0 40	3 26 15 35		1 13		16 13	6 37
F 19	10 54			16 32		26 27		/		23 22			22 41		23 35		21 16	0 40	3 26 15 35		1 15		16 13	6 37
S 20	11 14	11 20	3 26	17 16	1 22	26 36	4 9	22 16	0 49	23 21	0	3 2	22 41	0 41	23 35	0 10	21 16	0 40	3 25 15 35	0 46	1 16	18 1	16 13	6 36
S 21	11 35	14 10	4 12	17 58	1 33	26 44	4 12	22 24	0 49	23 21	0	3 2	22 41	0 41	23 35	0 10	21 16	0 40	3 25 15 35	0 48	1 17	18 1	16 13	6 36
M22	11 55	16 18	4 46	18 39	1 42	26 52	4 14	22 30	0 50	23 21	0	3 2	22 41	0 41	23 35	0 10	21 16	0 40	3 24 15 35	0 50	1 18	18 1	16 14	6 35
T 23	12 16	17 40	5 5	19 16	1 52	26 59	4 17	22 37	0 50	23 21	0	3 2	22 41	0 40	23 35	0 10	21 16	0 40	3 24 15 36	0 53	1 20	18 0	16 14	6 35
W24	12 36	18 13	5 11	19 52	2 0	27 6	4 19	22 44	0 50	23 20	0	3 2	22 41	0 40	23 35	0 10	21 16	0 40	3 23 15 36	0 55	1 21	18 0	16 14	6 34
T 25	12 56	17 57	5 3	20 25	2 8	27 12	4 21	22 50	0 51	23 20	0	3 2	22 41	0 40	23 35	0 10	21 15	0 40	3 23 15 36	0 56	1 22	18 0	16 14	6 34
F 26	13 15	16 54	4 43	20 55		27 18		22 56		23 20	0	3 2	22 41		23 35		21 15	0 40	3 22 15 36	0 58	1 23		-	6 33
S 27	13 35	15 7	4 10	21 23	2 22	27 23	4 24	23 2	0 52	23 19	0	3 2	22 41	0 40	23 35	0 10	21 15	0 40	3 22 15 36	0 58	1 25	17 59	16 15	6 33
S 28	13 54	12 40	3 26	21 48	2 28	27 28	4 26	23 8	0 52	23 19	0 -	4 2	22 41	0 40	23 35	0 10	21 15	0 40	3 21 15 36	0 58	1 26	17 59	16 15	6 32
M29	14 13	9 37	2 32	22 11	2 33	27 33	4 27	23 13	0 52	23 19	0 -	4 2	22 41	0 39	23 35	0 10	21 15	0 40	3 21 15 36	0 57	1 27	17 59	16 15	6 32
T 30	14n31	6s 4	1n29	22n31	2n37	27n36	4n28	23n18	0n53	23n18	0n	4 2	22n41	0s39	23 s35	0s10	21n15	0 s40	3 s21 15n36	0n57	1n28	17s58	16n15	6 s 3 1

 $\label{eq:Julian Day Number = 2538927.5, Delta\ T = 206.57\ sec} \\ Ecliptic\ obliquity = 23°24'21, Nutation = -0°00'01, out-of-bounds\ declination\ in\ red\ Ayanamsha:\ Fagan/Bradley = 28°05'02, Lahiri = 27°12'03 \\$ 

MAY 2239 00:00 UT

Day	Sid.t	$\odot$	D	ğ	φ	♂	4	ħ	)Å(	卉	Р	ß	Ω	Ç	ę,	Day
W 1	14 33 27	10 <b>岁</b> 7'08	23 <b>){</b> 45	0П24	22∏24	14 <b>Ⅲ</b> 33	69945	49917	0°R 1	20	22°R53	27°R38	26 Mp 14	11 <b>る</b> 25	139522	W 1
T 2	14 37 24	11° 5'31	6 <b>Υ</b> 56	1°28	23° 3	15°14	6°55	4°23	29 <b>х</b> 59	20° 7	22 <b>M</b> 51	27 <b>m</b> /38	26°11	11°31	13°26	T 2
F 3	14 41 20	12° 3'54	20°32	2°26	23°40	15°54	7° 5	4°29	29°58	20° 8	22°50	27°36	26° 8	11°38	13°30	F 3
S 4	14 45 17	13° 2'14	4832	3°19	24°16	16°34	7°15	4°35	29°57	20° 9	22°48	27°32	26° 5	11°45	13°33	S 4
S 5	14 49 13	14° 0'33	18°53	4° 7	24°51	17°14	7°26	4°40	29°56	20°11	22°46	27°26	26° 1	11°52	13°37	S 5
M 6	14 53 10	14°58'50	3П29	4°50	25°25	17°54	7°36	4°46	29°54	20°12	22°45	27°18	25°58	11°58	13°41	M 6
T 7	14 57 6	15°57'05	18°12	5°28	25°57	18°35	7°47	4°52	29°53	20°13	22°43	27°11	25°55	12° 5	13°46	T 7
W 8	15 1 3	16°55'18	2956	6° 0	26°28	19°15	7°58	4°58	29°51	20°14	22°41	27° 4	25°52	12°12	13°50	W 8
T 9	15 4 59	17°53'30	17°32	6°27	26°57	19°55	8° 9	5° 5	29°49	20°15	22°40	26°59	25°49	12°18	13°54	T 9
F 10	15 8 56	18°51'39	1 <b>N</b> 56	6°48	27°25	20°35	8°20	5°11	29°48	20°16	22°38	26°56	25°45	12°25	13°58	F 10
S 11	15 12 53	19°49'47	16° 5	7° 4	27°51	21°15	8°31	5°17	29°46	20°18	22°36	26°D54	25°42	12°32	14° 3	S 11
S 12	15 16 49	20°47'52	29°58	7°15	28°16	21°55	8°42	5°23	29°44	20°19	22°35	26°55	25°39	12°39	14° 7	S 12
M13	15 20 46	21°45'55	13 <b>m</b> 33	7°21	28°38	22°34	8°53	5°30	29°43	20°20	22°33	26°56	25°36	12°45	14°11	M13
T 14	15 24 42	22°43'57	26°54	7°R21	28°59	23°14	9° 4	5°36	29°41	20°22	22°31	26°R56	25°33	12°52	14°16	T 14
W15	15 28 39	23°41'56	10 <b>♀</b> 1	7°17	29°18	23°54	9°15	5°42	29°39	20°23	22°30	26°55	25°30	12°59	14°21	W15
T 16	15 32 35	24°39'54	22°55	7° 7	29°35	24°34	9°27	5°49	29°37	20°24	22°28	26°52	25°26	13° 5	14°25	T 16
F 17	15 36 32	25°37'50	5 <b>M</b> .38	6°54	29°50	25°14	9°38	5°55	29°35	20°26	22°26	26°47	25°23	13°12	14°30	F 17
S 18	15 40 28	26°35'45	18°11	6°36	0ഇ 3	25°54	9°50	6° 2	29°34	20°27	22°25	26°39	25°20	13°19	14°35	S 18
S 19	15 44 25	27°33'38	0 <b>∡</b> 34	6°14	0°14	26°33	10° 1	6° 9	29°32	20°29	22°23	26°29	25°17	13°26	14°39	S 19
M20	15 48 22	28°31'29	12°48	5°49	0°23	27°13	10°13	6°15	29°30	20°30	22°21	26°18	25°14	13°32	14°44	M20
T 21	15 52 18	29°29'20	24°53	5°20	0°29	27°53	10°25	6°22	29°28	20°32	22°20	26° 6	25°11	13°39	14°49	T 21
W22	15 56 15	0耳27'09	6 <b>ප</b> 51	4°50	0°34	28°32	10°37	6°29	29°26	20°33	22°18	25°55	25° 7	13°46	14°54	W22
T 23	16 0 11	1°24'56	18°44	4°17	0°R36	29°12	10°49	6°36	29°24	20°35	22°16	25°46	25° 4	13°53	14°59	T 23
F 24	16 4 8	2°22'42	0≈35	3°43	0°35	29°52	11° 0	6°43	29°22	20°37	22°15	25°39	25° 1	13°59	15° 4	F 24
S 25	16 8 4	3°20'28	12°28	3° 9	0°33	0931	11°13	6°50	29°19	20°38	22°13	25°35	24°58	14° 6	15° 9	S 25
S 26	16 12 1	4°18'12	24°26	2°34	0°27	1°11	11°25	6°57	29°17	20°40	22°11	25°33	24°55	14°13	15°14	S 26
M27	16 15 57	5°15'55	6 <b>∺</b> 35	2° 0	0°20	1°50	11°37	7° 4	29°15	20°41	22°10	25°D32	24°51	14°19	15°20	M27
T 28	16 19 54	6°13'37	19° 1	1°27	0°10	2°30	11°49	7°11	29°13	20°43	22° 8	25°R33	24°48	14°26	15°25	T 28
W29	16 23 51	7°11'17	1 <b>Ƴ</b> 47	0°55	29∏57	3° 9	12° 1	7°18	29°11	20°45	22° 6	25°33	24°45	14°33	15°30	W29
T 30	16 27 47	8° 8'57	14°58	0°26	29°43	3°48	12°13	7°25	29° 9	20°47	22° 5	25°31	24°42	14°40	15°36	T 30
F 31	16 31 44	9Ⅱ 6'36	28 <b>Y</b> 38	29 <b>8</b> 59	29∏26	49528	129526	79932	29 <b>∡</b> 6	209548	22 <b>M</b> 3	25 Mp 28	24 Mp 39	14 <b>궁</b> 46	159941	F 31

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	decl	decl lat	decl la	at decl la	at decl	lat	decl	lat	decl	lat	decl	lat	decl lat	decl lat	decl	decl	decl	decl lat
W 1 T 2	14n50 15 8	2s 9 0n21 1n59 0s50			4n29 23n24 4 29 23 28	0n53 :		0n 4 0 4			23 s35 23 35		21n15 0s40 21 15 0 40		0n56 0 56		17 s 5 8 17 5 8	
F 3 S 4	15 26 15 44	6 9 2 1 10 6 3 6			4 30 23 33 4 30 23 38	0 54 0 54			22 41 22 41		<ul><li>23 35</li><li>23 35</li></ul>		21 15 0 40 21 14 0 40		0 57 0 59	-	17 57 17 57	
S 5 M 6	16 18	16 13 4 4	23 41	2 39 27 49	4 30 23 42 4 30 23 46	0 55	23 16	0 4	22 41	0 38	23 35 23 35	0 11	21 14 0 40 21 14 0 40	3 18 15 37	1 1 1 1	1 36	17 57 17 56	16 16 6 29
T 7 W 8 T 9	16 52		23 45	2 31 27 50	4 29 23 50 4 28 23 54 4 27 23 57	0 55 1 0 56 1 0 56 1	23 14	0 4 0 4 0 5	22 41	0 38	<ul><li>23 35</li><li>23 35</li><li>23 35</li></ul>	0 11	21 14 0 40 21 14 0 40 21 14 0 39	3 17 15 37	1 7 1 10 1 12	1 39	17 56 17 56 17 55	16 16 6 28
F 10 S 11		15 36 4 12	23 41	2 18 27 49	4 26 24 0 4 24 24 3	0 56 0 56	23 13		22 40	0 38	23 35 23 35	0 11	21 14 0 39 21 13 0 39	3 16 15 37	1 13 1 14	1 41	17 55 17 55	16 16 6 27
S 12 M13 T 14	17 56 18 11 18 26	5 22 1 1	23 20	1 51 27 44	4 22 24 6 4 20 24 9 4 17 24 11	0 57 0 57 0 57	23 11	0 5 0 5 0 5	22 40	0 38	23 35 23 35 23 35	0 11	21 13 0 39 21 13 0 39 21 13 0 39	3 15 15 37	1 14 1 13 1 13	1 45	17 54 17 54 17 54	16 15 6 26
W15 T 16	18 40 18 55	2 s 5 4 1 n 1 0 6 4 9 2 1 4	22 55 22 41	1 27 27 39 1 13 27 35	4 14 24 14 4 11 24 16	0 58 0 58	23 10 23 9	0 5 0 5	22 40 22 40	0 37 0 37	23 35 23 35	0 11 0 11	21 13 0 39 21 13 0 39	3 15 15 37 3 14 15 36	1 13 1 15	1 47 1 49	17 53 17 53	16 15 6 25 16 15 6 25
F 17 S 18	19 8 19 22		3 22 6	0 44 27 27	4 7 24 17 4 3 24 19	0 59		0 5 0 5	22 39	0 37	23 35 23 35	0 11	21 12 0 39 21 12 0 39	3 14 15 36	1 17 1 20	1 51	17 52 17 52	16 15 6 24
S 19 M20 T 21		15 47 4 33 17 26 4 55 18 16 5 3	21 26	0 11 27 18	3 58 24 20 3 53 24 22 3 48 24 23	0 59 1 0 59 1 0 59 1	23 6	0 5 0 6 0 6	22 39	0 37	<ul><li>23 35</li><li>23 35</li><li>23 35</li></ul>	0 11	21 12 0 39 21 12 0 39 21 12 0 39	3 13 15 36	1 24 1 28 1 33	1 54	17 52 17 51 17 51	16 15 6 23
W22 T 23	20 13 20 25	17 29 4 39	20 18	0 23 27 6 0 41 27 0	3 42 24 24 3 36 24 24	1 0 1	23 5 23 4	0 6	22 38 22 38	0 36 0 36	<ul><li>23 35</li><li>23 35</li></ul>	0 11 0 11	21 11 0 39 21 11 0 39	3 12 15 36	1 37 1 41	1 56 1 57	17 51 17 50	16 14 6 22 16 14 6 22
F 24 S 25	20 36 20 48	13 43 3 28	19 31	1 16 26 46	3 29 24 25 3 22 24 25	1 0 1	23 2	0 6		0 36	<ul><li>23 35</li><li>23 35</li></ul>	0 11	21 11 0 39 21 11 0 39	3 12 15 35	1 43 1 45	2 0	17 50 17 49	16 14 6 21
M27	20 58 21 9 21 19	7 33 1 39	18 44	1 50 26 30	3 14 24 25 3 6 24 24 2 57 24 24	1 1	23 1 23 0 22 59	0 6	22 38 22 37 22 37	0 36	<ul><li>23 35</li><li>23 35</li><li>23 35</li></ul>	0 11	21 11 0 39 21 10 0 39 21 10 0 39	3 11 15 35	1 46 1 46 1 46	2 2	17 49 17 49 17 48	16 13 6 21
W29 T 30	21 29 21 38	0n12 0s33	18 1	2 21 26 12	2 48 24 23 2 38 24 23	1 1 2	22 58 22 57		22 37	0 36	23 35 23 35 23 35	0 11	21 10 0 39 21 10 0 39 21 10 0 39	3 11 15 35	1 46 1 47	2 5		16 13 6 20
F 31	21n47	8n23 2s46	17n22	2 s 4 9 2 5 n 5 2	2n28 24n22	1n 2	22n56	0n 7	22n36	0 s 3 5	23 s35	0s11	21n 9 0s39	3 s 1 1 1 5 n 3 4	1n48	2n 7	17 s47	16n12 6 s20

Julian Day Number = 2538957.5, Delta T = 206.67 sec Ecliptic obliquity =  $23^{\circ}24'20$ , Nutation = -  $0^{\circ}00'02$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $28^{\circ}05'06$ , Lahiri =  $27^{\circ}12'07$ 

JUNE 2239 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂ <sup>™</sup>	4	ħ	)∤(	并	Р	n	v	Ç	Ŗ	Day
S 1	16 35 40	10 <b>I</b> I 4'14	12845	29°R36	29°R 6	599 7	12938	7939	29°R 4	20950	22°R 2	25°R21	24 M 36	14 <b>ට</b> 53	159346	S 1
S 2	16 39 37	11° 1'51	27°19	29816	28∏44	5°47	12°51	7°47	29 <b>×</b> 7 2	20°52	22 <b>M</b> 0	25 m/13	24°32	15° 0	15°52	S 2
M 3	16 43 33	11°59'27	12 <b>II</b> 13	28°59	28°21	6°26	13° 3	7°54	28°59	20°54	21°59	25° 3	24°29	15° 6	15°57	M 3
T 4	16 47 30	12°57'02	27°18	28°47	27°55	7° 5	13°16	8° 1	28°57	20°56	21°57	24°52	24°26	15°13	16° 3	T 4
W 5	16 51 26	13°54'36	129524	28°38	27°27	7°45	13°28	8° 9	28°55	20°57	21°55	24°42	24°23	15°20	16° 9	W 5
T 6	16 55 23	14°52'09	27°22	28°D34	26°57	8°24	13°41	8°16	28°52	20°59	21°54	24°34	24°20	15°27	16°14	T 6
F 7	16 59 20	15°49'40	12 <b>N</b> 3	28°34	26°26	9° 3	13°54	8°23	28°50	21° 1	21°52	24°28	24°17	15°33	16°20	F 7
S 8	17 3 16	16°47'10	26°22	28°39	25°53	9°42	14° 6	8°31	28°48	21° 3	21°51	24°25	24°13	15°40	16°26	S 8
S 9	17 7 13	17°44'38	10 <b>m</b> /18	28°48	25°18	10°22	14°19	8°38	28°45	21° 5	21°49	24°24	24°10	15°47	16°31	S 9
M10	17 11 9	18°42'06	23°51	29° 2	24°43	11° 1	14°32	8°46	28°43	21° 7	21°48	24°24	24° 7	15°53	16°37	M10
T 11	17 15 6	19°39'32	7 <b>º</b> 4	29°20	24° 6	11°40	14°45	8°53	28°40	21° 9	21°47	24°24	24° 4	16° 0	16°43	T 11
W12	17 19 2	20°36'56	19°58	29°43	23°29	12°19	14°58	9° 1	28°38	21°11	21°45	24°22	24° 1	16° 7	16°49	W12
T 13	17 22 59	21°34'20	2M38	0 <b>Ⅱ</b> 10	22°52	12°58	15°11	9° 8	28°36	21°13	21°44	24°18	23°57	16°14	16°55	T 13
F 14	17 26 55	22°31'43	15° 6	0°41	22°14	13°37	15°24	9°16	28°33	21°15	21°42	24°11	23°54	16°20	17° 0	F 14
S 15	17 30 52	23°29'05	27°24	1°17	21°37	14°16	15°37	9°24	28°31	21°17	21°41	24° 2	23°51	16°27	17° 6	S 15
S 16	17 34 49	24°26'26	9 <b>∡</b> 734	1°56	20°59	14°55	15°50	9°31	28°28	21°19	21°40	23°50	23°48	16°34	17°12	S 16
M17	17 38 45	25°23'46	21°38	2°40	20°22	15°34	16° 3	9°39	28°26	21°21	21°38	23°36	23°45	16°40	17°18	M17
T 18	17 42 42	26°21'06	3 <b>云</b> 36	3°27	19°46	16°13	16°16	9°46	28°23	21°23	21°37	23°22	23°42	16°47	17°24	T 18
W19	17 46 38	27°18'25	15°30	4°19	19°11	16°52	16°29	9°54	28°21	21°25	21°36	23° 9	23°38	16°54	17°30	W19
T 20	17 50 35	28°15'43	27°22	5°14	18°37	17°31	16°42	10° 2	28°18	21°27	21°34	22°58	23°35	17° 1	17°36	T 20
F 21	17 54 31	29°13'01	9≈12	6°13	18° 5	18°10	16°55	10°10	28°16	21°29	21°33	22°49	23°32	17° 7	17°42	F 21
S 22	17 58 28	09510'18	21° 5	7°16	17°34	18°49	17° 9	10°17	28°14	21°31	21°32	22°44	23°29	17°14	17°49	S 22
S 23	18 2 24	1° 7'35	3 <b>)</b> 4	8°22	17° 5	19°28	17°22	10°25	28°11	21°33	21°31	22°40	23°26	17°21	17°55	S 23
M24	18 621	2° 4'51	15°13	9°32	16°37	20° 7	17°35	10°33	28° 9	21°35	21°30	22°39	23°23	17°27	18° 1	M24
T 25	18 10 18	3° 2'08	27°36	10°45	16°12	20°45	17°48	10°41	28° 6	21°38	21°28	22°39	23°19	17°34	18° 7	T 25
W26	18 14 14	3°59'24	10 <b>Υ</b> 19	12° 2	15°49	21°24	18° 2	10°48	28° 4	21°40	21°27	22°39	23°16	17°41	18°13	W26
T 27	18 18 11	4°56'40	23°27	13°22	15°28	22° 3	18°15	10°56	28° 1	21°42	21°26	22°38	23°13	17°47	18°19	T 27
F 28	18 22 7	5°53'56	7 <b>8</b> 2	14°46	15°10	22°42	18°28	11° 4	27°59	21°44	21°25	22°35	23°10	17°54	18°26	F 28
S 29	18 26 4	6°51'12	21° 7	16°13	14°53	23°21	18°42	11°12	27°56	21°46	21°24	22°29	23° 7	18° 1	18°32	S 29
S 30	18 30 0	79548'27	5 <b>Ⅱ</b> 41	17 <b>Ⅱ</b> 43	14∏39	239559	18955	119519	27 <b>×</b> 754	219548	21 <b>M</b> 23	22 <b>m</b> /21	23 Mp 3	18 <b>궁</b> 8	18938	S 30

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21n56	12n 6	3 s43	17n 4	3 s 2	25n41	2n17 24n	20 1n 2	22n55	0n 7	22n36	0s35	23 s35	0s11	21n 9 0	) s39	3 s 10 15 n 3 4	1n51	2n 9	17 s47	16n12	6 s 1 9
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22 45	10 29	2 22	15 59	3 57	24 11	0 50 24	6 1 4	1 22 47	0 7	22 34	0 34	23 35	0 11	21 7 0	39	3 10 15 32	2 13	2 18	17 44	16 9	6 18
22 50	6 33	1 14	15 58	4 0	23 56	0 36 24	4 1 4	22 46	0 7	22 33	0 34	23 35	0 11	21 7 0	39	3 10 15 32	2 13	2 19	17 43	16 9	6 17
22 56	2 24	0 3	15 59	4 2	23 41	0 23 24			0 7	22 33			0 11	21 7 0	39	3 9 15 32	2 13				6 17
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24 18 47 1 42  23 23 15 13 0 39  23 24 10 30 39  23 22 1 2n40 1 32  23 19 6 41 2 36  23 16 10 30 3 32  23 11 13 51 4 18	decl         decl         lat         decl           21n56         12n 6         3s43         17n 4           22 4         15 12         4 27 16 49           22 12 17 22         4 54 16 36           22 19 18 22         5 1 6 24           22 26 18 4 4 47 16 15         52           23 31 6 31 4 14 16 6 7         6 22           22 39 13 53 3 24 16 2         6 22           22 56 2 24 0 3 15 59         22 26 15 59           23 0 1s47 1n 6 16 1         12 16 6           23 4 5 47 2 11 16 6         13 3           23 15 15 11 4 29 16 31         23 15 15 11 4 29 16 31           23 17 77 4 4 51 16 43         33 20 18 10 4 59 16 56           23 21 18 26 4 55 17 10         32 21 18 26 4 55 17 10           23 23 17 55 4 38 17 25         32 24 16 36 4 8 17 25           23 24 17 56 2 39 18 17         23 24 17 59           23 24 17 56 2 39 18 17         23 24 11 56 2 39 18 17         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 $\label{eq:Julian Day Number = 2538988.5, Delta\ T = 206.78\ sec} \\ Ecliptic\ obliquity = 23°24'20, Nutation = -0°00'03, out-of-bounds\ declination\ in\ red\ Ayanamsha:\ Fagan/Bradley = 28°05'11, Lahiri = 27°12'11 \\$ 

JULY 2239 00:00 UT

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M 1	18 33 57	8945'43	20耳38	19 <b>Ⅱ</b> 17	14°R28	24938	1995 9	119527	27°R52	219550	21°R22	22°R12	23 Mp 0	18 <b>궁</b> 14	189544	M 1
T 2	18 37 53	9°42'59	5950	20°54	14 <b>Ⅱ</b> 19	25°17	19°22	11°35	27 <b>×</b> 749	21°53	21 <b>M</b> 21	22 Mg 2	22°57	18°21	18°51	T 2
W 3	18 41 50	10°40'14	21° 8	22°34	14°12	25°56	19°36	11°43	27°47	21°55	21°20	21°52	22°54	18°28	18°57	W 3
T 4	18 45 47	11°37'29	6 <b>Ω</b> 19	24°17	14° 8	26°34	19°49	11°51	27°45	21°57	21°19	21°44	22°51	18°34	19° 3	T 4
F 5	18 49 43	12°34'44	21°14	26° 3	14°D 6	27°13	20° 2	11°58	27°42	21°59	21°18	21°39	22°48	18°41	19° 9	F 5
S 6	18 53 40	13°31'58	5 <b>m</b> /47	27°52	14° 6	27°52	20°16	12° 6	27°40	22° 1	21°18	21°36	22°44	18°48	19°16	S 6
S 7	18 57 36	14°29'12	19°52	29°44	14° 9	28°30	20°29	12°14	27°37	22° 4	21°17	21°D35	22°41	18°55	19°22	S 7
M 8	19 1 33	15°26'25	3 <b>₾</b> 31	1939	14°13	29° 9	20°43	12°22	27°35	22° 6	21°16	21°35	22°38	19° 1	19°28	M 8
T 9	19 5 29	16°23'38	16°45	3°36	14°20	29°47	20°56	12°30	27°33	22° 8	21°15	21°R35	22°35	19° 8	19°35	T 9
W10	19 9 26	17°20'51	29°37	5°36	14°29	$0\Omega_{26}$	21°10	12°38	27°31	22°10	21°14	21°35	22°32	19°15	19°41	W10
T 11	19 13 22	18°18'04	12 <b>M</b> .11	7°38	14°41	1° 5	21°23	12°45	27°28	22°13	21°14	21°32	22°29	19°21	19°48	T 11
F 12	19 17 19	19°15'16	24°31	9°41	14°54	1°43	21°37	12°53	27°26	22°15	21°13	21°27	22°25	19°28	19°54	F 12
S 13	19 21 16	20°12'28	6 <b>₮</b> 40	11°47	15° 9	2°22	21°50	13° 1	27°24	22°17	21°12	21°20	22°22	19°35	20° 0	S 13
S 14	19 25 12	21° 9'41	18°42	13°53	15°26	3° 0	22° 4	13° 9	27°22	22°19	21°12	21°10	22°19	19°42	20° 7	S 14
M15	19 29 9	22° 6'53	0 <b>궁</b> 38	16° 1	15°45	3°39	22°17	13°16	27°20	22°21	21°11	21° 0	22°16	19°48	20°13	M15
T 16	19 33 5	23° 4'05	12°31	18°10	16° 6	4°17	22°31	13°24	27°17	22°24	21°11	20°49	22°13	19°55	20°19	T 16
W17	19 37 2	24° 1'18	24°23	20°19	16°29	4°56	22°44	13°32	27°15	22°26	21°10	20°39	22° 9	20° 2	20°26	W17
T 18	19 40 58	24°58'30	6≈15	22°29	16°53	5°34	22°58	13°40	27°13	22°28	21°10	20°30	22° 6	20° 8	20°32	T 18
F 19	19 44 55	25°55'43	18° 8	24°38	17°19	6°13	23°11	13°47	27°11	22°30	21° 9	20°23	22° 3	20°15	20°38	F 19
S 20	19 48 52	26°52'57	0 <b>∺</b> 6	26°47	17°46	6°51	23°25	13°55	27° 9	22°33	21° 9	20°19	22° 0	20°22	20°45	S 20
S 21	19 52 48	27°50'11	12°10	28°55	18°15	7°30	23°38	14° 3	27° 7	22°35	21° 8	20°17	21°57	20°28	20°51	S 21
M22	19 56 45	28°47'25	24°23	1 <b>0</b> 3	18°46	8° 8	23°52	14°10	27° 5	22°37	21° 8	20°D16	21°54	20°35	20°57	M22
T 23	20 041	29°44'40	6 <b>Υ</b> 50	3° 9	19°18	8°46	24° 5	14°18	27° 3	22°39	21° 7	20°17	21°50	20°42	21° 4	T 23
W24	20 4 38	0 <b>Ω</b> 41'55	19°34	5°14	19°51	9°25	24°19	14°26	27° 1	22°41	21° 7	20°18	21°47	20°49	21°10	W24
T 25	20 8 34	1°39'12	2 <b>8</b> 39	7°19	20°25	10° 3	24°32	14°33	26°59	22°44	21° 7	20°R19	21°44	20°55	21°16	T 25
F 26	20 12 31	2°36'29	16° 9	9°21	21° 1	10°42	24°46	14°41	26°58	22°46	21° 7	20°18	21°41	21° 2	21°23	F 26
S 27	20 16 27	3°33'47	0 <b>Π</b> 6	11°23	21°38	11°20	24°59	14°48	26°56	22°48	21° 6	20°15	21°38	21° 9	21°29	S 27
S 28	20 20 24	4°31'06	14°29	13°22	22°16	11°58	25°12	14°56	26°54	22°50	21° 6	20°11	21°34	21°15	21°35	S 28
M29	20 24 20	5°28'26	29°16	15°20	22°56	12°37	25°26	15° 3	26°52	22°52	21° 6	20° 5	21°31	21°22	21°42	M29
T 30	20 28 17	6°25'46	149521	17°17	23°36	13°15	25°39	15°11	26°51	22°55	21° 6	19°58	21°28	2 <u>1</u> °29	21°48	T 30
W31	20 32 14	$7\Omega 23'08$	29933	19 <b>Ω</b> 12	24 <b>Ⅱ</b> 17	13 <b>£</b> 53	25953	159918	26 <b>₹</b> 49	22957	21 <b>M</b> 6	19 <b>m</b> /52	21 Mp 25	21 <b>궁</b> 36	219554	W31

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T 4 F 5	22 54 22 49	11 58 2 34		54 18 15 4 14		22 4 0 10	22 20 0 32		20 59 0 38	3 12 15 22 3 12 15 22	3 19	2 50 17 3 2 51 17 3	1 15 52 6 14
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	21 53	-		38 17 53 4 44					20 56 0 38	3 14 15 18		-	7 15 45 6 14
S 14 M15	21 45 21 36			47 17 53 4 45 56 17 53 4 47					20 56 0 38 20 56 0 38	3 15 15 18 3 15 15 17		3 3 17 2 3 4 17 2	6 15 44 6 14 6 15 43 6 14
T 16	21 26	18 7 4 43	23 15 1	5 17 54 4 48	20 16 1 8	21 42 0 11	22 13 0 31	23 34 0 11	20 55 0 38	3 15 15 17	3 38	3 5 17 2	5 15 42 6 14
T 18	-	17 3 4 14 15 14 3 33	22 50 1	19 17 57 4 50		21 38 0 11	22 12 0 31	23 34 0 11	20 55 0 38 20 55 0 38	3 16 15 16 3 16 15 15	-	3 6 17 2 3 8 17 2	4 15 40 6 14
F 19 S 20	20 56 20 45			25 17 59 4 50 31 18 2 4 50					20 54 0 38 20 54 0 38	3 16 15 15 3 17 15 14		3 9 17 2 3 10 17 2	4 15 39 6 14 3 15 38 6 15
S 21 M22	20 34		-	36 18 5 4 50					20 54 0 38	3 17 15 14		3 11 17 2	
T 23	20 22 20 11	2 34 0s22 1n22 1 28	-	39 18 8 4 49 43 18 11 4 49		21 29 0 11 21 27 0 11			20 53 0 38 20 53 0 38	3 18 15 13 3 18 15 13		3 13 17 2 3 14 17 2	
W24 T 25	19 58 19 46	5 19 2 31 9 7 3 28		45 18 14 4 48 47 18 18 4 46		21 25 0 11 21 22 0 11			20 52 0 38 20 52 0 38	3 19 15 12 3 19 15 12		3 15 17 2 3 16 17 2	
F 26 S 27		12 34 4 16	19 37 1	48 18 22 4 45 48 18 26 4 43	18 38 1 9	21 20 0 12 21 18 0 12	22 6 0 30	23 34 0 11	20 52 0 38 20 51 0 38	3 20 15 11 3 20 15 11	3 50	3 18 17 2 3 19 17 1	0 15 32 6 15
S 27				48 18 26 4 43 47 18 30 4 42		21 18 0 12			20 51 0 38	3 20 15 11		3 20 17 1	
M29 T 30	18 52	18 19 5 5	17 54 1	46 18 34 4 40	18 6 1 9	21 13 0 12	22 4 0 30	23 34 0 11	20 51 0 38	3 21 15 9	3 55	3 21 17 1	8 15 29 6 16
W31				44 18 38 4 38 n42 18n42 4s35		21 11 0 12 21n 8 0n12			20 50 0 38 20n50 0 s38	3 22 15 9 3 s22 15n 8		3 23 17 1 3n24 17s1	

Julian Day Number = 2539018.5, Delta T = 206.88 sec Ecliptic obliquity =  $23^{\circ}24'19$ , Nutation = -  $0^{\circ}00'02$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $28^{\circ}05'15$ , Lahiri =  $27^{\circ}12'15$ 

AUGUST 2239 00:00 UT

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T 1	20 36 10	8 <b>Ω</b> 20'30	14Ω44	21& 5	25Ⅲ 0	14€32	2695 6	159526	26°R47	22959	21°R 6	19°R47	21 <b>m</b> 22	21 <b>궁</b> 42	229 0	T 1
F 2	20 40 7	9°17'52	29°44	22°56	25°43	15°10	26°19	15°33	26 <b>∡</b> ¹46	23° 1	21°D 6	19 <b>m</b> /44	21°19	21°49	22° 7	F 2
S 3	20 44 3	10°15'16	14 <b>m</b> 23	24°46	26°27	15°48	26°33	15°40	26°44	23° 3	21 <b>M</b> 6	19°D43	21°15	21°56	22°13	S 3
S 4	20 48 0	11°12'39	28°36	26°34	27°12	16°27	26°46	15°48	26°42	23° 5	21° 6	19°43	21°12	22° 2	22°19	S 4
M 5	20 51 56	12°10'04	12 <b>₾</b> 23	28°20	27°58	17° 5	26°59	15°55	26°41	23° 8	21° 6	19°44	21° 9	22° 9	22°25	M 5
T 6	20 55 53	13° 7'29	25°43	0 <b>m</b> ) 5	28°45	17°43	27°12	16° 2	26°40	23°10	21° 6	19°45	21° 6	22°16	22°31	T 6
W 7	20 59 49	14° 4'54	8 <b>M</b> .39	1°48	29°33	18°22	27°25	16°10	26°38	23°12	21° 6	19°R46	21° 3	22°22	22°37	W 7
T 8	21 3 46	15° 2'20	21°13	3°30	09521	19° 0	27°39	16°17	26°37	23°14	21° 7	19°46	21° 0	22°29	22°43	T 8
F 9	21 7 43	15°59'47	3 <b>∡</b> ³32	5° 9	1°10	19°38	27°52	16°24	26°35	23°16	21° 7	19°45	20°56	22°36	22°50	F 9
S 10	21 11 39	16°57'15	15°38	6°47	2° 0	20°16	28° 5	16°31	26°34	23°18	21° 7	19°42	20°53	22°43	22°56	S 10
S 11	21 15 36	17°54'43	27°36	8°24	2°50	20°55	28°18	16°38	26°33	23°20	21° 7	19°38	20°50	22°49	23° 2	S 11
M12	21 19 32	18°52'12	9 <b>云</b> 29	9°59	3°41	21°33	28°31	16°45	26°32	23°22	21° 8	19°33	20°47	22°56	23° 8	M12
T 13	21 23 29	19°49'42	21°20	11°32	4°33	22°11	28°44	16°52	26°31	23°24	21° 8	19°28	20°44	23° 3	23°14	T 13
W14	21 27 25	20°47'13	3≈13	13° 4	5°25	22°49	28°57	16°59	26°29	23°26	21° 9	19°23	20°40	23° 9	23°20	W14
T 15	21 31 22	21°44'45	15° 8	14°33	6°18	23°27	29°10	17° 6	26°28	23°28	21° 9	19°18	20°37	23°16	23°25	T 15
F 16	21 35 18	22°42'17	27° 8	16° 2	7°12	24° 6	29°23	17°13	26°27	23°30	21° 9	19°16	20°34	23°23	23°31	F 16
S 17	21 39 15	23°39'51	9 <b>)</b> 14	17°28	8° 6	24°44	29°36	17°20	26°26	23°32	21°10	19°14	20°31	23°29	23°37	S 17
S 18	21 43 12	24°37'27	21°29	18°53	9° 1	25°22	29°48	17°27	26°26	23°34	21°11	19°D13	20°28	23°36	23°43	S 18
M19	21 47 8	25°35'03	3 <b>Y</b> 55	20°16	9°56	26° 0	0 <b>Ω</b> 1	17°33	26°25	23°36	21°11	19°14	20°25	23°43	23°49	M19
T 20	21 51 5	26°32'41	16°33	21°38	10°52	26°39	0°14	17°40	26°24	23°38	21°12	19°15	20°21	23°50	23°55	T 20
W21	21 55 1	27°30'20	29°25	22°58	11°48	27°17	0°27	17°47	26°23	23°40	21°12	19°17	20°18	23°56	24° 0	W21
T 22	21 58 58	28°28'01	12 <b>8</b> 36	24°15	12°45	27°55	0°39	17°53	26°22	23°42	21°13	19°18	20°15	24° 3	24° 6	T 22
F 23	22 2 54	29°25'44	26° 5	25°31	13°42	28°33	0°52	18° 0	26°22	23°44	21°14	19°R19	20°12	24°10	24°12	F 23
S 24	22 6 51	0 Mp 23'28	9∏55	26°45	14°40	29°11	1° 4	18° 6	26°21	23°46	21°14	19°19	20° 9	24°16	24°17	S 24
S 25	22 10 47	1°21'14	24° 7	27°58	15°38	29°49	1°17	18°13	26°20	23°48	21°15	19°18	20° 6	24°23	24°23	S 25
M26	22 14 44	2°19'01	8937	29° 8	16°36	0 <b>m</b> 28	1°29	18°19	26°20	23°50	21°16	19°16	20° 2	24°30	24°28	M26
T 27	22 18 41	3°16'50	23°22	0 <b>ჲ</b> 15	17°35	1° 6	1°42	18°25	26°19	23°51	21°17	19°14	19°59	24°36	24°34	T 27
W28	22 22 37	4°14'41	8 <b>Ω</b> 16	1°21	18°34	1°44	1°54	18°32	26°19	23°53	21°18	19°12	19°56	24°43	24°39	W28
T 29	22 26 34	5°12'33	23°11	2°24	19°34	2°22	2° 7	18°38	26°18	23°55	21°19	19°11	19°53	24°50	24°45	T 29
F 30	22 30 30	6°10'27	7 <b>m</b> 59	3°25	20°34	3° 0	2°19	18°44	26°18	23°57	21°20	19°10	19°50	24°57	24°50	F 30
S 31	22 34 27	7 <b>m</b> ) 8'22	22 <b>m</b> 33	4 <b>₽</b> 23	219935	3 <b>m</b> 39	2 <b>Ω</b> 31	18950	26 <b>∡</b> 18	23958	21 <b>M</b> 21	19°D10	19 <b>m</b> /46	25중 3	24955	S 31

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T 1 F 2 S 3	18n 9 17 54 17 39	13n33 2s58 9 53 1 46 5 42 0 29		1 36 18	3 50 4 30	17n33 1 17 22 1 17 10 1	9	21n 6 21 4 21 1	0n12 0 12 0 12		0 30	23 s33 23 33 23 33	0 11	20 49 0	38 3	s23 15n 8 23 15 7 24 15 7	4n 2 4 4 4 4	3n25 3 26 3 28			6 s 1 6 6 1 7
S 4 M 5 T 6 W 7 T 8		7 4 3 4 10 39 3 55	13 20	1 23 19 1 17 19 1 12 19	2 4 22 9 6 4 18 9 9 4 15		9 9	20 59 20 56 20 54 20 51 20 49	0 13 0 13 0 13	21 59 21 58 21 57 21 56 21 56	0 30 0 30 0 29	23 33 23 33 23 33 23 33 23 33	0 11 0 11 0 11	20 48 0 20 48 0 20 47 0	38 3 38 3 38 3	24 15 6 25 15 6 25 15 5 26 15 4 27 15 4	4 4 4 4 4 3 4 3 4 3	3 29 3 30 3 31 3 33	17 14 17 13	15 21 15 19 15 18	6 17 6 17 6 17 6 17 6 18
F 9 S 10 S 11	16 1 15 44	15 55 5 0 17 28 5 11	10 31 9 49	0 59 19 0 52 19	0 16 4 8 0 19 4 5	16 0 1 15 48 1	9	20 46 20 44 20 41	0 13 0 13	21 55 21 54 21 53	0 29 0 29	23 33 23 33 23 33	0 11 0 11		38 3 38 3	27 15 3 27 15 3 28 15 3	4 3 4 4 4 6	3 35	17 11 17 11	15 16 15 15	6 18 6 18 6 18
M12 T 13 W14 T 15 F 16 S 17		15 45 3 46 13 28 2 56	7 42 6 6 59 6 6 17 8 5 35	0 30 19 0 22 19 0 14 19 0 5 19	9     27     3     53       9     29     3     49       9     30     3     45       9     32     3     41	15 11 1 14 58 1	9 9 9	20 39 20 36 20 34 20 31 20 29 20 26	0 13 0 13 0 14 0 14	21 52 21 52 21 51 21 50 21 49 21 48	0 29 0 29 0 29 0 29		0 11 0 11 0 11 0 11	20 45 0 20 45 0 20 45 0 20 44 0	38 3 38 3 38 3 38 3	29 15 2 30 15 1 30 15 0 31 15 0 32 14 59	4 8 4 10 4 12 4 14 4 15 4 15	3 39 3 40 3 41 3 43 3 44 3 45	17 9 17 8 17 8 17 7	15 11 15 10 15 9	6 19 6 19 6 19 6 19 6 20 6 20
S 18 M19 T 20 W21 T 22 F 23	13 18 12 58 12 39 12 19 11 59	3 34 0s12 0n20 1 20 4 16 2 25 8 4 3 24 11 34 4 13	2 4 12 3 32 5 2 51 4 2 11 3 1 32	0 12 19 0 21 19 0 30 19 0 40 19 0 49 19	34 3 33 34 3 28 35 3 24 34 3 19 34 3 15	14 7 1 13 55 1 13 42 1 13 28 1 13 15 1	9 9 9	20 23 20 21 20 18 20 16 20 13 20 10	0 14 0 14 0 14 0 14 0 14	21 48 21 47 21 46 21 45 21 44 21 44	0 29 0 29 0 29 0 29 0 29	23 33	0 11 0 11 0 11 0 11 0 11	20 44 0 20 43 0 20 43 0 20 43 0 20 42 0	38 3 38 3 38 3 38 3 38 3	33 14 58 34 14 58 34 14 57 35 14 57 36 14 56 36 14 55	4 16 4 15 4 15 4 14 4 14 4 13	3 46 3 48 3 49 3 50 3 51 3 53	17 6 17 5 17 4 17 4 17 3	15 5 15 4 15 2 15 1 15 0 14 58	6 20 6 21 6 21 6 21 6 22 6 22
S 24 S 25 M26 T 27 W28 T 29 F 30 S 31	10 59 10 38 10 17 9 56	18 10 4 58 17 5 4 22 14 50 3 23 11 35 2 19	0 s23 1 0 2 1 35 7 2 11 2 45 3 18	1 18 19 1 28 19 1 37 19 1 47 19 1 57 19 2 7 19	30 3 1 27 2 56 25 2 52 22 2 47 20 18 2 42 20 14 2 37	11 54 1 11 41 1 11 27 1	8 8 8 8	20 8 20 5 20 2 20 0 19 57 19 54 19 52 19n49	0 15 0 15 0 15 0 15 0 15 0 15	21 43 21 42 21 41 21 40 21 39 21 38 21n37	0 28 0 28 0 28 0 28 0 28 0 28	23 33 23 33 23 33 23 33 23 33 23 33 23 833	0 11 0 11 0 11 0 11 0 11 0 11	20 41 0 20 41 0 20 41 0 20 40 0 20 40 0 20 40 0	38 3 38 3 38 3 38 3 38 3 38 3	37 14 55 38 14 54 39 14 54 39 14 53 40 14 53 41 14 52 42 14 52 542 14n51	4 14 4 15 4 15 4 16 4 17 4 17 4n17	3 58 3 59 4 0 4 1	17 1 17 1 17 0 16 59 16 59	14 51 14 49	6 22 6 23 6 23 6 23 6 24 6 24 6 24 6 25

Julian Day Number = 2539049.5, Delta T = 206.99 sec Ecliptic obliquity =  $23^{\circ}24'20$ , Nutation = -  $0^{\circ}00'01$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $28^{\circ}05'19$ , Lahiri =  $27^{\circ}12'20$ 

SEPTEMBER 2239 00:00 UT

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Day	Sid.t	0	D	ğ	·	♂ <sup>™</sup>	4	ħ	)મ(	#	В	S.	v	Ç	Ŷ,	Day
S 1	22 38 23	8 <b>m</b> ) 6'19	6 <b>₽</b> 47	5 <b>₽</b> 19	22935	4 Mp 17	2 <b>Ω</b> 43	18956	26°R18	2495 0	21 <b>M</b> 22	19 <b>m</b> )10	19 <b>m</b> 43	25 <b>궁</b> 10	2595 1	S 1
M 2	22 42 20	9° 4'17	20°37	6°11	23°36	4°55	2°55	19° 2	26 <b>×</b> 17	24° 2	21°23	19°11	19°40	25°17	25° 6	M 2
T 3	22 46 16	10° 2'16	4 <b>M</b> . 1	7° 1	24°38	5°33	3° 7	19°8	26°17	24° 4	21°24	19°12	19°37	25°23	25°11	T 3
W 4	22 50 13	11° 0'17	17° 2	7°47	25°40	6°11	3°19	19°14	26°17	24° 5	21°25	19°12	19°34	25°30	25°16	W 4
T 5	22 54 10	11°58'19	29°40	8°29	26°42	6°50	3°31	19°20	26°D17	24° 7	21°26	19°13	19°31	25°37	25°21	T 5
F 6	22 58 6	12°56'23	12 <b>×</b> 7 1	9° 8	27°44	7°28	3°43	19°25	26°17	24° 8	21°27	19°R13	19°27	25°43	25°26	F 6
S 7	23 2 3	13°54'28	24° 8	9°43	28°47	8° 6	3°55	19°31	26°17	24°10	21°28	19°13	19°24	25°50	25°31	S 7
S 8	23 5 59	14°52'34	6 පි 5	10°14	29°50	8°44	4° 6	19°36	26°17	24°12	21°29	19°13	19°21	25°57	25°36	S 8
M 9	23 9 56	15°50'41	17°57	10°40	$0\Omega53$	9°22	4°18	19°42	26°17	24°13	21°31	19°12	19°18	26° 3	25°41	M 9
T 10	23 13 52	16°48'51	29°49	11° 2	1°57	10° 0	4°29	19°47	26°18	24°15	21°32	19°12	19°15	26°10	25°46	T 10
W11	23 17 49	17°47'01	11≈43	11°18	3° 0	10°39	4°41	19°53	26°18	24°16	21°33	19°12	19°11	26°17	25°51	W11
T 12	23 21 45	18°45'13	23°43	11°29	4° 4	11°17	4°52	19°58	26°18	24°18	21°35	19°D12	19° 8	26°24	25°55	T 12
F 13	23 25 42	19°43'27	5 <b>¥</b> 52	11°R34	5° 9	11°55	5° 4	20° 3	26°19	24°19	21°36	19°12	19° 5	26°30	26° 0	F 13
S 14	23 29 38	20°41'42	18°11	11°33	6°13	12°33	5°15	20° 8	26°19	24°21	21°37	19°R12	19° 2	26°37	26° 5	S 14
S 15	23 33 35	21°40'00	0 <b>Υ</b> 42	11°26	7°18	13°11	5°26	20°13	26°20	24°22	21°39	19°12	18°59	26°44	26° 9	S 15
M16	23 37 32	22°38'19	13°26	11°12	8°23	13°49	5°37	20°18	26°20	24°23	21°40	19°11	18°56	26°50	26°14	M16
T 17	23 41 28	23°36'40	26°23	10°52	9°29	14°28	5°48	20°23	26°21	24°25	21°42	19°11	18°52	26°57	26°18	T 17
W18	23 45 25	24°35'02	9 <b>8</b> 34	10°25	10°34	15° 6	5°59	20°28	26°21	24°26	21°43	19°10	18°49	27° 4	26°22	W18
T 19	23 49 21	25°33'27	22°59	9°51	11°40	15°44	6°10	20°33	26°22	24°27	21°45	19°10	18°46	27°10	26°27	T 19
F 20	23 53 18	26°31'55	6 <b>I</b> I38	9°11	12°46	16°22	6°21	20°37	26°23	24°28	21°46	19° 9	18°43	27°17	26°31	F 20
S 21	23 57 14	27°30'24	20°30	8°25	13°52	17° 0	6°31	20°42	26°23	24°30	21°48	19° 9	18°40	27°24	26°35	S 21
S 22	0 111	28°28'55	4935	7°33	14°59	17°39	6°42	20°47	26°24	24°31	21°50	19°D 9	18°37	27°31	26°39	S 22
M23	0 5 7	29°27'29	18°50	6°36	16° 6	18°17	6°52	20°51	26°25	24°32	21°51	19° 9	18°33	27°37	26°43	M23
T 24	0 9 4	0 <b>ჲ</b> 26'05	3 <b>Ω</b> 14	5°35	17°13	18°55	7° 3	20°55	26°26	24°33	21°53	19°10	18°30	27°44	26°47	T 24
W25	0 13 1	1°24'43	17°42	4°32	18°20	19°33	7°13	20°59	26°27	24°34	21°55	19°11	18°27	27°51	26°51	W25
T 26	0 16 57	2°23'23	2 Mp 12	3°27	19°27	20°12	7°23	21° 4	26°28	24°35	21°56	19°12	18°24	27°57	26°55	T 26
F 27	0 20 54	3°22'06	16°37	2°23	20°34	20°50	7°33	21° 8	26°29	24°36	21°58	19°R12	18°21	28° 4	26°59	F 27
S 28	0 24 50	4°20'50	0 <b>ჲ</b> 53	1°20	21°42	21°28	7°43	21°12	26°30	24°37	22° 0	19°12	18°17	28°11	27° 2	S 28
S 29	0 28 47	5°19'36	14°54	0°21	22°50	22° 6	7°53	21°16	26°31	24°38	22° 2	19°11	18°14	2 <u>8</u> °17	27° 6	S 29
M30	0 32 43	6 <b>₽</b> 18'24	28 <b>≏</b> 37	29 Mp 27	$23\Omega58$	22 Mp 44	$8\Omega$ 3	219519	26 <b>×</b> 33	24939	22M 3	19 <b>m</b> ) 9	18 <b>m</b> 11	28 <b>궁</b> 24	279510	M30

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M 2	8 9	5 29	2 46	4 50	2 36	19 0	2 23	10 45	1 :	3 19	44	0 16	21 36	0 28	23 33	0 11	20 39	0 38	3 44	14 50	4 17	4 5	16 56	14 45	6 26
T 3	7 48	9 20	3 44	5 18	2 45	18 54	2 18	10 31	1 :	3 19	41	0 16	21 35	0 28	23 33	0 11	20 39	0 38	3 45	14 49	4 16	4 6	16 55	14 44	6 26
W 4	7 26	12 36	4 29	5 45	2 54	18 48	2 13	10 17	1 :	3 19	39	0 16	21 34	0 28	23 33	0 11	20 38	0 38	3 45	14 49	4 16	4 8	16 55	14 43	6 26
T 5	7 4	15 11	4 59	6 10	3 3	18 41	2 8	10 2	1 :	3 19	36	0 16	21 33	0 28	23 33	0 11	20 38	0 38	3 46	14 48	4 16	4 9	16 54	14 42	6 27
F 6	6 42	17 0	5 15	6 33	3 12	18 34	2 3	9 48	1 :	3 19	33	0 16	21 33	0 28	23 33	0 11	20 38	0 38	3 47	14 48	4 16	4 10	16 53	14 40	6 27
S 7	6 19	18 1	5 16	6 55	3 20	18 26	1 59	9 34	1 '	7 19	31	0 16	21 32	0 28	23 33	0 11	20 37	0 38	3 48	14 47	4 16	4 11	16 53	14 39	6 28
S 8	5 57	18 13	5 4	7 14	3 28	18 18	1 54	9 19	1 '	7 19	28	0 16	21 31	0 28	23 33	0 11	20 37	0 38	3 49	14 47	4 16	4 13	16 52	14 38	6 28
M 9	5 34	17 36	4 38	7 32	3 36	18 10	1 49	9 5	1 '	7 19	25	0 16	21 30	0 28	23 33	0 11	20 37	0 38	3 49	14 46	4 16	4 14	16 51	14 36	6 29
T 10	5 12	16 14	4 1	7 47	3 43	18 1	1 44	8 51	1 '	7 19	23	0 17	21 30	0 28	23 33	0 11	20 37	0 38	3 50	14 46	4 16	4 15	16 50	14 35	6 29
W11	4 49	14 9	3 13	7 59	3 50	17 51	1 39	8 36	1 ′	7 19	20	0 17	21 29	0 28	23 33	0 11	20 36	0 38	3 51	14 45	4 16	4 16	16 50	14 34	6 30
T 12	4 27	11 27	2 17	8 9	3 55	17 41	1 34	8 21	1 ′	7 19	18	0 17	21 28	0 27	23 33	0 11	20 36	0 38	3 52	14 45	4 16	4 18	16 49	14 32	6 30
F 13	4 4	8 13	1 13	8 15	4 0	17 31	1 29	8 7	1 '	7 19	15	0 17	21 27	0 27	23 33	0 11	20 36	0 38	3 53	14 44	4 16	4 19	16 48	14 31	6 31
S 14	3 41	4 35	0 6	8 19	4 5	17 20	1 25	7 52	1 ′	7 19	12	0 17	21 27	0 27	23 33	0 11	20 36	0 38	3 53	14 44	4 16	4 20	16 48	14 30	6 31
S 15	3 18	0 42	1 s 3	8 19	4 8	17 8	1 20	7 37	1 '	7 19	10	0 17	21 26	0 27	23 33	0 11	20 35	0 38	3 54	14 43	4 16	4 21	16 47	14 28	6 32
M16	2 55	3n17	2 11	8 15	4 10	16 56	1 15	7 23	1 ′	7 19	7	0 17	21 25	0 27	23 33	0 11	20 35	0 38	3 55	14 43	4 16	4 23	16 46	14 27	6 32
T 17	2 32	7 11	3 12	8 8	4 10	16 44	1 10	7 8	1 (	5 19			21 25		23 33	0 11	20 35	0 38	3 56	14 42	4 17	4 24	16 45	14 26	6 33
W18	2 9	10 47	4 5	7 57	4 10	16 31	1 5	6 53		5 19			21 24		23 33		20 35	0 38		14 42	4 17	4 25	16 45	14 25	6 33
T 19	1 46	13 54	4 45	7 41	4 7	16 17	1 1	6 38		5 19		0 18	21 23		23 33	0 11	20 34	0 38	3 57	14 41	4 17		16 44		6 34
F 20	-	16 18	5 9	7 22	4 3	16 3	0 56	6 23	1 (	5 18	57	0 18	21 23		23 33	0 11	20 34	0 38	3 58	14 41	4 17	4 28	16 43	14 22	6 34
S 21	0 59	17 48	5 17	6 58	3 58	15 49	0 51	6 8	1 (	5 18	54	0 18	21 22	0 27	23 33	0 11	20 34	0 38	3 59	14 41	4 17	4 29	16 43	14 21	6 35
S 22	0 36	18 14	5 6	6 31	3 50	15 34	0 47	5 53	1 (	5 18	52	0 18	21 21	0 27	23 33	0 11	20 34	0 38	4 0	14 40	4 17	4 30	16 42	14 19	6 35
M23	0 13	17 32	4 36	5 59	3 40	15 19	0 42	5 38	1 (	5 18	49	0 18	21 21	0 27	23 33	0 11	20 34	0 38	4 1	14 40	4 17	4 31	16 41	14 18	6 36
T 24	0s10	15 42	3 48	5 25	3 29	15 3	0 38	5 23	1 (	5 18	47	0 18	21 20	0 27	23 33	0 11	20 33	0 38	4 2	14 39	4 17	4 32	16 40	14 17	6 36
W25	0 34	12 52	2 46	4 48	3 16	14 47	0 33	5 8	1 :	18	44	0 19	21 20	0 27	23 33	0 11	20 33	0 38	4 2	14 39	4 17	4 34	16 40	14 16	6 37
T 26	0 57	9 14	1 33	4 8	3 1	14 31	0 29	4 53	1 :	18	42	0 19	21 19	0 27	23 33	0 11	20 33	0 38	4 3	14 38	4 16	4 35	16 39	14 14	6 37
F 27	1 20	5 3	0 14	3 27	2 44	14 14	0 24	4 38	1 :	5 18	40	0 19	21 18	0 27	23 33	0 11	20 33	0 38	4 4	14 38	4 16	4 36	16 38	14 13	6 38
S 28	1 44	0 38	1n 4	2 46	2 26	13 56	0 20	4 23	1 :	5 18	37	0 19	21 18	0 27	23 33	0 11	20 33	0 38	4 5	14 38	4 16	4 37	16 37	14 12	6 39
S 29	2 7	3 s45	2 17	2 5	2 7	13 38	0 16	4 7	1 :	5 18	35	0 19	21 17	0 27	23 33	0 11	20 32	0 38	4 6	14 37	4 17	4 39	16 37	14 11	6 39
M30	2 s30	7 s50	3n21	1 s25	1 s47	13n20	0s11	3n52	1n :	5 18n	132	0n19	21n17		23 s33		20n32	0 s38	4s 6	14n37	4n17	4n40	16s36	14n 9	6 s40

 $\label{eq:Julian Day Number = 2539080.5, Delta\ T = 207.09\ sec} \\ Ecliptic\ obliquity = 23°24'21, Nutation = -0°00'02, out-of-bounds\ declination\ in\ red\ Ayanamsha:\ Fagan/Bradley = 28°05'23, Lahiri = 27°12'24}$ 

OCTOBER 2239 00:00 UT

Day	Sid.t	0	D	ğ	·	♂ <sup>™</sup>	4	ħ	)Å(	并	Р	ß	v	Ç	ę,	Day
T 1	0 36 40	7 <b>≏</b> 17'14	11 <b>M</b> 59	28°R39	25⋒ 6	23 <b>m</b> 23	8 <b>Ω</b> 13	219523	26 <b>х</b> 34	249540	22 <b>M</b> 5	19°R 6	18 <b>m</b> ) 8	28 <b>궁</b> 31	279513	T 1
W 2	0 40 36	8°16'06	25° 0	27 <b>m</b> 59	26°14	24° 1	8°22	21°27	26°35	24°41	22° 7	19 <b>m</b> ) 4	18° 5	28°37	27°16	W 2
T 3	0 44 33	9°15'00	7 <b>√</b> 141	27°28	27°23	24°39	8°32	21°30	26°37	24°42	22° 9	19° 1	18° 2	28°44	27°20	T 3
F 4	0 48 30	10°13'55	20° 3	27° 6	28°32	25°17	8°41	21°33	26°38	24°43	22°11	18°59	17°58	28°51	27°23	F 4
S 5	0 52 26	11°12'53	2 <b>ਰ</b> 11	26°55	29°40	25°56	8°50	21°37	26°40	24°44	22°13	18°58	17°55	28°57	27°26	S 5
S 6	0 56 23	12°11'52	14° 9	26°D54	0 <b>m</b> 49	26°34	8°59	21°40	26°41	24°45	22°15	18°D57	17°52	29° 4	27°29	S 6
M 7	1 0 19	13°10'52	26° 1	27° 3	1°59	27°12	9° 8	21°43	26°43	24°45	22°17	18°58	17°49	29°11	27°32	M 7
T 8	1 4 16	14° 9'55	7≈52	27°22	3° 8	27°51	9°17	21°46	26°44	24°46	22°19	18°59	17°46	29°18	27°35	T 8
W 9	1 8 12	15° 8'59	19°47	27°51	4°17	28°29	9°26	21°49	26°46	24°47	22°21	19° 1	17°43	29°24	27°38	W 9
T 10	1 12 9	16° 8'05	1 <b>米</b> 51	28°30	5°27	29° 7	9°35	21°52	26°48	24°47	22°23	19° 3	17°39	29°31	27°41	T 10
F 11	1 16 5	17° 7'13	14° 7	29°17	6°37	29°45	9°43	21°55	26°49	24°48	22°25	19°R 4	17°36	29°38	27°43	F 11
S 12	1 20 2	18° 6'23	26°38	0 <b>ჲ</b> 12	7°47	0 <b>ჲ</b> 24	9°52	21°57	26°51	24°49	22°27	19° 4	17°33	29°44	27°46	S 12
S 13	1 23 58	19° 5'34	9 <b>Υ</b> 26	1°14	8°57	1° 2	10° 0	22° 0	26°53	24°49	22°29	19° 2	17°30	29°51	27°49	S 13
M14	1 27 55	20° 4'48	22°31	2°23	10° 7	1°40	10° 8	22° 2	26°55	24°50	22°31	18°59	17°27	29°58	27°51	M14
T 15	1 31 52	21° 4'03	5 <b>8</b> 53	3°38	11°17	2°19	10°16	22° 4	26°57	24°50	22°33	18°55	17°23	0≈ 4	27°53	T 15
W16	1 35 48	22° 3'21	19°31	4°58	12°27	2°57	10°24	22° 7	26°59	24°51	22°35	18°49	17°20	0°11	27°56	W16
T 17	1 39 45	23° 2'41	3Ⅱ20	6°22	13°38	3°35	10°32	22° 9	27° 1	24°51	22°38	18°44	17°17	0°18	27°58	T 17
F 18	1 43 41	24° 2'03	17°19	7°50	14°49	4°14	10°39	22°11	27° 3	24°51	22°40	18°39	17°14	0°24	28° 0	F 18
S 19	1 47 38	25° 1'28	19525	9°21	16° 0	4°52	10°47	22°12	27° 5	24°52	22°42	18°36	17°11	0°31	28° 2	S 19
S 20	1 51 34	26° 0'55	15°33	10°55	17°10	5°30	10°54	22°14	27° 7	24°52	22°44	18°33	17° 8	0°38	28° 4	S 20
M21	1 55 31	27° 0'24	29°43	12°31	18°22	6° 9	11° 1	22°16	27° 9	24°52	22°46	18°D33	17° 4	0°44	28° 6	M21
T 22	1 59 27	27°59'55	13 <b>N</b> 52	14° 8	19°33	6°47	11°8	22°17	27°12	24°53	22°49	18°34	17° 1	0°51	28° 7	T 22
W23	2 3 24	28°59'29	27°59	15°47	20°44	7°26	11°15	22°19	27°14	24°53	22°51	18°35	16°58	0°58	28° 9	W23
T 24	2 7 21	29°59'05	12 Mg 2	17°27	21°55	8° 4	11°22	22°20	27°16	24°53	22°53	18°R36	16°55	1° 5	28°11	T 24
F 25	2 11 17	0 <b>M</b> .58'43	26° 0	19°8	23° 7	8°42	11°29	22°21	27°19	24°53	22°55	18°36	16°52	1°11	28°12	F 25
S 26	2 15 14	1°58'24	9 <b>≏</b> 49	20°49	24°19	9°21	11°35	22°23	27°21	24°53	22°58	18°34	16°48	1°18	28°13	S 26
S 27	2 19 10	2°58'06	23°28	22°30	25°30	9°59	11°42	22°24	27°24	24°53	23° 0	18°30	16°45	1°25	28°15	S 27
M28	2 23 7	3°57'50	6 <b>M</b> 54	24°12	26°42	10°38	11°48	22°24	27°26	24°53	23° 2	18°24	16°42	1°31	28°16	M28
T 29	2 27 3	4°57'37	20° 5	25°53	27°54	11°16	11°54	22°25	27°29	24°R53	23° 5	18°16	16°39	1°38	28°17	T 29
W30	2 31 0	5°57'25	2 <b>₹</b> 58	27°35	29° 6	11°55	12° 0	22°26	27°31	24°53	23° 7	18° 7	16°36	1°45	28°18	W30
T 31	2 34 56	6M57'16	15 <b>₹</b> 35	29 <b>≏</b> 16	0 <b>ჲ</b> 18	12 <b>₾</b> 33	$12\Omega$ 5	229526	27 <b>∡</b> 734	24953	23M 9	17 <b>m</b> 59	16 <b>m</b> 33	1≈51	28919	T 31

Day	0	D		ğ		ç	)	ð	1	2	ļ	ŧ	l.	ړ(	(	Ą	ħ	Е	2	n	U	Ç	Ş.
	decl	decl la	nt	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl lat
T 1	2 s53	11 s25	4n12	0 s48	1 s27	13n 1	0s 7	3n37	1n 5	18n30	0n19	21n16	0 s27	23 s33	0s11	20n32	0 s38	4s 7	14n36	4n18	4n41	16 s 3 5	14n 8 6s40
W 2	3 16	14 20	4 48	0 13	1 7	12 42	0 3	3 22	1 4	18 28	0 20	21 16	0 27	23 33	0 11	20 32	0 38	4 8	14 36	4 19	4 42	16 34	14 7 6 41
T 3	3 40	16 29	5 9	0n18	0 47	12 23	0n 1	3 6	1 4	18 25	0 20	21 15	0 26	23 33	0 11	20 32	0 38	4 9	14 36	4 20	4 44	16 34	14 6 6 42
F 4	4 3	17 48	5 15	0 44	0 27	12 3	0 5	2 51	1 4	18 23	0 20	21 15	0 26	23 33	0 11	20 31	0 38	4 10	14 35	4 21	4 45	16 33	14 5 6 42
S 5	4 26	18 17	5 7	1 6	0 8	11 43	0 9	2 36	1 4	18 21	0 20	21 14	0 26	23 33	0 11	20 31	0 38	4 11	14 35	4 22	4 46	16 32	14 3 6 43
S 6	4 49	17 56	4 45	1 23	0n 9	11 22	0 13	2 20	1 4	18 19	0 20	21 14	0 26	23 33	0 11	20 31	0 38	4 11	14 34	4 22	4 47	16 31	14 2 6 43
M 7	5 12	16 48	4 12	1 34	0 26	11 1	0 17	2 5	1 4	18 16	0 20	21 13	0 26	23 33	0 11	20 31	0 38	4 12	14 34	4 22	4 49	16 31	14 1 6 44
T 8	5 35	14 56	3 27	1 41	0 41	10 40	0 21	1 50	1 3	18 14	0 20	21 13	0 26	23 33	0 11	20 31	0 38	4 13	14 34	4 21	4 50	16 30	14 0 6 45
W 9	5 58	12 25	2 34	1 42	0 55	10 18	0 24	1 34	1 3	18 12	0 21	21 13	0 26	23 33	0 11	20 31	0 38	4 14	14 33	4 20	4 51	16 29	13 59 6 45
T 10	6 20	9 21	1 33	1 38	1 8	9 56	0 28	1 19	1 3	18 10	0 21	21 12	0 26	23 33	0 11	20 31	0 38	4 15	14 33	4 20	4 52	16 28	13 58 6 46
F 11	6 43	5 49	0 27	1 29	1 19	9 34	0 32	1 3	1 3	18 8	0 21	21 12	0 26	23 33	0 11	20 31	0 38	4 15	14 33	4 19	4 54	16 27	13 56 6 46
S 12	7 5	1 58	0s41	1 16	1 28	9 11	0 35	0 48	1 3	18 6	0 21	21 11	0 26	23 34	0 11	20 30	0 38	4 16	14 32	4 19	4 55	16 27	13 55 6 47
S 13	7 28	2n 3	1 49	0 59	1 37	8 48	0 39	0 33	1 2	18 3	0 21	21 11	0 26	23 34	0 11	20 30	0 38	4 17	14 32	4 20	4 56	16 26	13 54 6 48
M14	7 50	6 5	2 53	0 38	1 43	8 25	0 42	0 17	1 2	18 1	0 21	21 11	0 26	23 34	0 11	20 30	0 38	4 18	14 32	4 21	4 57	16 25	13 53 6 48
T 15	8 13	9 52	3 48	0 13	1 49	8 1	0 45	0 2	1 2	17 59	0 22	21 10	0 26	23 34	0 11	20 30	0 38	4 19	14 31	4 23	4 58	16 24	13 52 6 49
W16	8 35	13 13	4 32	0s14	1 53	7 37	0 48	0 s13	1 2	17 57	0 22	21 10	0 26	23 34	0 11	20 30	0 38	4 19	14 31	4 25	5 0	16 23	13 51 6 50
T 17	8 57	15 53	5 0	0 45	1 56	7 13	0 52	0 29	1 2	17 55	0 22	21 10	0 26	23 34	0 11	20 30	0 38	4 20	14 31	4 27	5 1	16 23	13 50 6 50
F 18			5 11	1 17	1 59	6 49	0 55	0 44		17 54		21 10		23 34		20 30			14 30	4 29		16 22	
S 19	9 40	18 20	5 4	1 52	2 0	6 24	0 58	1 0	1 1	17 52	0 22	21 9	0 26	23 34	0 11	20 30	0 38	4 22	14 30	4 30	5 3	16 21	13 48 6 52
S 20	10 2	17 54	4 38	2 29	2 0	5 59	1 1	1 15	1 1	17 50	0 22	21 9	0 26	23 34	0 11	20 30	0 38	4 23	14 30	4 31	5 5	16 20	13 47 6 52
M21	10 24	16 21	3 55	3 6	1 59	5 34	1 3	1 30	1 1	17 48	0 23	21 9	0 26	23 34	0 11	20 30	0 38	4 23	14 30	4 31	5 6	16 19	13 46 6 53
T 22	10 45	13 48	2 57	3 45	1 58	5 9	1 6	1 46	1 1	17 46	0 23	21 9	0 26	23 34	0 11	20 30	0 38	4 24	14 29	4 31	5 7	16 19	13 45 6 54
W23	11 6	10 26	1 50	4 25	1 56	4 43	1 9	2 1		17 44	0 23	21 8	0 26	23 34	0 11	20 30	0 38	4 25	14 29	4 31	5 8	16 18	13 44 6 54
T 24	11 27		0 36	5 6	1 53	4 18	1 11	2 16		17 43	0 23			23 34		20 29		4 26	14 29	4 30		16 17	
F 25	11 48		0n40	5 47	1 50	3 52	1 14	2 32		17 41	0 23			23 34		20 29		-	14 29	4 30		16 16	
S 26	12 9	2s10	1 52	6 28	1 46	3 26	1 16	2 47	1 0	17 39	0 23	21 8	0 25	23 34	0 11	20 29	0 39	4 27	14 28	4 31	5 12	16 15	13 41 6 56
S 27	12 29	6 21	2 57	7 10	1 42	2 59	1 19	3 2	1 0	17 38	0 24	21 8	0 25	23 34	0 11	20 29	0 39	4 28	14 28	4 32	5 13	16 14	13 40 6 57
M28	12 49	10 9	3 51	7 52	1 37	2 33	1 21	3 17	0 59	17 36	0 24	21 8	0 25	23 34	0 11	20 29	0 39	4 29	14 28	4 35	5 15	16 14	13 39 6 58
T 29	13 9	13 23	4 31	8 33	1 32	2 6	1 23	3 33	0 59	17 35	0 24	21 8	0 25	23 34	0 11	20 29	0 39	4 29	14 28	4 38	5 16	16 13	13 38 6 58
W30	13 29	15 52	4 57	9 15	1 27	1 40	1 25	3 48	0 59	17 33	0 24	21 8	0 25	23 34	0 11	20 29	0 39	4 30	14 28	4 41	5 17	16 12	13 37 6 59
T 31	13 s49	17 s32	5n 7	9s56	1n22	1n13	1n27	4 s 3	0n59	17n32	0n24	21n 8	0 s25	23 s34	0s11	20n29	0 s39	4 s 3 1	14n27	4n45	5n18	16s11	13n37 7s 0

Julian Day Number = 2539110.5, Delta T = 207.19 sec Ecliptic obliquity =  $23^{\circ}24'21$ , Nutation = -  $0^{\circ}00'04$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $28^{\circ}05'28$ , Lahiri =  $27^{\circ}12'28$ 

NOVEMBER 2239 00:00 UT

1101	HIDEN L														00.0	0 01
Day	Sid.t	0	D	ğ	Ş	ð	4	ħ	)Å(	并	В	S.	ß	Ç	ę,	Day
F 1	2 38 53	7 <b>ML</b> 57'08	27 <b>∡</b> 756	0 <b>M</b> .58	1 <b>≏</b> 30	13 <b>≏</b> 11	12 <b>Q</b> 11	229527	27 <b>×</b> 36	24°R53	23 <b>M</b> 12	17°R51	16 <b>M</b> 29	1≈58	28920	F 1
S 2	2 42 50	8°57'02	10중 3	2°38	2°43	13°50	12°16	22°27	27°39	24953	23°14	17 <b>m</b> 45	16°26	2° 5	28°21	S 2
S 3	2 46 46	9°56'57	21°59	4°19	3°55	14°28	12°21	22°27	27°42	24°53	23°16	17°40	16°23	2°11	28°21	S 3
M 4	2 50 43	10°56'54	3≈50	5°59	5° 8	15° 7	12°26	22°R28	27°44	24°53	23°19	17°38	16°20	2°18	28°22	M 4
T 5	2 54 39	11°56'53	15°40	7°39	6°20	15°45	12°31	22°28	27°47	24°52	23°21	17°D38	16°17	2°25	28°22	T 5
W 6	2 58 36	12°56'53	27°35	9°18	7°33	16°24	12°36	22°27	27°50	24°52	23°24	17°39	16°14	2°31	28°23	W 6
T 7	3 2 32	13°56'55	9 <b>)</b> 39	10°57	8°45	17° 2	12°41	22°27	27°53	24°52	23°26	17°40	16°10	2°38	28°23	T 7
F 8	3 6 29	14°56'58	21°57	12°36	9°58	17°41	12°45	22°27	27°56	24°52	23°28	17°R40	16° 7	2°45	28°23	F 8
S 9	3 10 25	15°57'03	4 <b>Υ</b> 34	14°14	11°11	18°19	12°49	22°26	27°59	24°51	23°31	17°39	16° 4	2°51	28°R23	S 9
S 10	3 14 22	16°57'10	17°34	15°52	12°24	18°58	12°53	22°26	28° 2	24°51	23°33	17°35	16° 1	2°58	28°23	S 10
M11	3 18 19	17°57'18	0 <b>8</b> 56	17°29	13°37	19°36	12°57	22°25	28° 5	24°50	23°36	17°29	15°58	3° 5	28°23	M11
T 12	3 22 15	18°57'28	14°41	19° 6	14°50	20°15	13° 1	22°24	28° 8	24°50	23°38	17°20	15°54	3°11	28°23	T 12
W13	3 26 12	19°57'40	28°45	20°42	16° 3	20°54	13° 4	22°23	28°11	24°49	23°40	17°10	15°51	3°18	28°22	W13
T 14	3 30 8	20°57'54	13 <b>II</b> 3	22°18	17°16	21°32	13° 7	22°22	28°14	24°49	23°43	16°59	15°48	3°25	28°22	T 14
F 15	3 34 5	21°58'10	27°30	23°54	18°30	22°11	13°10	22°21	28°17	24°48	23°45	16°50	15°45	3°32	28°22	F 15
S 16	3 38 1	22°58'27	119559	25°30	19°43	22°49	13°13	22°20	28°20	24°48	23°48	16°42	15°42	3°38	28°21	S 16
S 17	3 41 58	23°58'46	26°25	27° 5	20°57	23°28	13°16	22°19	28°23	24°47	23°50	16°36	15°39	3°45	28°20	S 17
M18	3 45 54	24°59'08	10 <b>Ω</b> 42	28°39	22°10	24° 7	13°19	22°17	28°26	24°46	23°52	16°33	15°35	3°52	28°20	M18
T 19	3 49 51	25°59'31	24°50	0 <b>才</b> 14	23°24	24°45	13°21	22°16	28°29	24°46	23°55	16°D33	15°32	3°58	28°19	T 19
W20	3 53 48	26°59'56	8 <b>M</b> 46	1°48	24°37	25°24	13°23	22°14	28°33	24°45	23°57	16°33	15°29	4° 5	28°18	W20
T 21	3 57 44	28° 0'23	22°31	3°22	25°51	26° 2	13°25	22°12	28°36	24°44	24° 0	16°R33	15°26	4°12	28°17	T 21
F 22	4 1 41	29° 0'52	6 <b>º</b> 6	4°56	27° 5	26°41	13°27	22°10	28°39	24°44	24° 2	16°31	15°23	4°18	28°16	F 22
S 23	4 5 37	0 <b>≯</b> 1'23	19°31	6°29	28°18	27°20	13°29	22° 8	28°42	24°43	24° 5	16°27	15°20	4°25	28°14	S 23
S 24	4 9 34	1° 1'55	2 <b>M</b> .45	8° 3	29°32	27°58	13°30	22° 6	28°46	24°42	24° 7	16°20	15°16	4°32	28°13	S 24
M25	4 13 30	2° 2'29	15°48	9°36	0 <b>M</b> .46	28°37	13°31	22° 4	28°49	24°41	24° 9	16°10	15°13	4°38	28°12	M25
T 26	4 17 27	3° 3'05	28°40	11° 9	2° 0	29°16	13°32	22° 2	28°52	24°40	24°12	15°58	15°10	4°45	28°10	T 26
W27	4 21 23	4° 3'42	11 <b>×</b> 120	12°41	3°14	29°55	13°33	21°59	28°56	24°39	24°14	15°44	15° 7	4°52	28° 9	W27
T 28	4 25 20	5° 4'21	23°46	14°14	4°28	0 <b>M</b> .33	13°34	21°57	28°59	24°38	24°17	15°30	15° 4	4°58	28° 7	T 28
F 29	4 29 17	6° 5'01	6 <b>중</b> 0	15°46	5°42	1°12	13°34	21°54	29° 2	24°37	24°19	15°18	15° 0	5° 5	28° 5	F 29
S 30	4 33 13	7 <b>.₹</b> 5'42	18 <b>궁</b> 3	17 <b>~</b> 18	6M57	1 <b>M</b> .51	$13\Omega 34$	219552	29 <b>×</b> 6	24936	24ML21	15 mg 7	14 <b>m</b> 57	5≈12	2895 3	S 30

Day	0	J		ğ	5	P	)	ď	7	2	+	†	1	);	ł(	<del> </del>	(	Р	n	v	Ç	ď	;
	decl	decl l	at	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	14 s 8 14 28	18 s21 18 18	-	10s36 11 17	1n16 1 10	0n46 0 19	1n29 1 31	4s18 4 33		17n31 17 29	0n24 0 25	21n 8 21 8		23 s34 23 35		20n29 20 29	0 s 3 9 0 3 9	4s32 14n2 4 32 14 2			16s10 16 9		7s 0 7 1
1																							7 2
S 3 M 4	15 5			11 57 12 36	1 4 0 57	0s 8 0 35	1 33	4 48 5 4	0 58	17 28 17 27	0 25 0 25		0 25	23 35 23 35		20 29 20 29	0 39	4 33 14 2 4 34 14 2		5 22 5 23		13 34 13 33	7 3
T 5	15 24	13 31	2 43	13 14	0 51	1 3	1 36	5 19	0 57	17 26	0 25	21 8	0 25	23 35	0 11	20 29	0 39	4 34 14 2	7 4 53	5 24	16 7	13 33	7 3
W 6	-			13 52	0 44	1 30	1 37	5 34		17 24	0 25			23 35		20 29	0 39	4 35 14 2		5 26		13 32	7 4
F 8	16 0 16 18	7 17 3 32	-	14 30 15 6	0 38	1 57 2 25	1 39 1 40	5 49 6 3		17 23 17 22	0 26 0 26			23 35 23 35		20 30 20 30	0 39 0 39	4 36 14 2 4 36 14 2		5 27 5 28		13 31 13 30	7 5
S 9	16 35			15 42	0 24	2 52	1 41	6 18		17 21	0 26			23 35		20 30	0 39	4 37 14 2		5 29		13 30	7 6
S 10	16 53	4 32	2 33	16 17	0 18	3 19	1 42	6 33	0 56	17 20	0 26	21 8	0 25	23 35	0 11	20 30	0 39	4 38 14 2	6 4 54	5 31	16 3	13 29	7 7
M11	17 9			16 51	0 11	3 47	1 43	6 48		17 19	0 26	-		23 35		20 30		4 38 14 2		5 32	-	13 28	7 7
T 12 W13	17 26 17 42	12 8 15 10	-	17 24 17 57	0 4 0s 3	4 14 4 41	1 44 1 45	7 3 7 17		17 19 17 18	0 26 0 27			23 35 23 35		20 30 20 30	0 39 0 39	4 39 14 2 4 40 14 2		5 33 5 34		13 28 13 27	7 8 7 9
T 14		17 20	-	18 28	0 9	5 9	1 46	7 32		17 17	0 27	-		23 35		20 30	0 39	4 40 14 2		5 35	-		7 9
F 15	-	18 25		18 59	0 16	5 36	1 47	7 47		17 16	0 27			23 35		20 30	0 39	4 41 14 2			15 58		7 10
S 16	18 29	18 19	4 34	19 29	0 23	6 3	1 47	8 1	0 54	17 16	0 27	21 10	0 24	23 35	0 11	20 30	0 39	4 42 14 2	5 5 15	5 38	15 57	13 26	7 11
S 17 M18	18 44			19 57	0 29	6 30	1 48	8 16		17 15		21 10		23 35		20 30	0 39	4 42 14 2			15 56		7 11
T 19		14 40 11 27		20 25 20 52	0 36 0 42	6 57 7 24	1 48 1 48	8 30 8 45	0 54	17 15 17 14		21 10 21 10		23 35 23 35		20 30 20 30	0 39	4 43 14 2 4 43 14 2			15 55 15 55		7 12 7 13
W20	19 28	7 38		21 17	0 49	7 50	1 49	8 59		17 14		21 11		23 35		20 31	0 39	4 44 14 2			15 54	-	7 13
T 21	19 41			21 42	0 55	8 17	1 49	9 13		17 13		21 11		23 35		20 31	0 39	4 45 14 2			15 53		7 14
F 22 S 23	19 55 20 8			22 5 22 28	1 1	8 43 9 10	1 49 1 49	9 28 9 42		17 13 17 13		21 12 21 12		23 35 23 35		20 31 20 31	0 39	4 45 14 2 4 46 14 2			15 52 15 51		7 15 7 15
S 24	20 20	8 59	3 39	22 49	1 13	9 36	1 49	9 56	0 52	17 12	0 29	21 12	0 24	23 35	0 12	20 31	0 39	4 46 14 2	5 5 23	5 48	15 50	13 22	7 16
M25				23 9	-	10 2		10 10	0 51	17 12	0 29			23 36		20 31	0 39	4 47 14 2		5 49			7 16
T 26		15 10		23 28		10 28	-	10 24	0 51	17 12		21 13		23 36		20 31	0 39	4 47 14 2			15 48		7 17
W27 T 28				23 46 24 2		10 53 11 18		10 38 10 52		17 12 17 12		21 14 21 14		23 36 23 36		20 32 20 32	0 39	4 48 14 2 4 48 14 2			15 47 15 46	-	7 18 7 18
		18 35		24 18	-	11 43		11 5		17 12		21 15		23 36		20 32	0 39	4 49 14 2			15 45		7 19
S 30	21 s28	18s 1	4n13	24 s32	1 s44	12s 8	1n46	11 s19	0n50	17n12	0n30	21n15	0 s23	23 s36	0s12	20n32	0 s39	4 s49 14n2	5 5n51	5n55	15 s45	13n20	$7\mathrm{s}20$

Julian Day Number = 2539141.5, Delta T = 207.30 sec Ecliptic obliquity = 23°24'20, Nutation = -0°00'06, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 28°05'32, Lahiri = 27°12'32

DECEMBER 2239 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂ <sup>™</sup>	24	ħ	)∤(	并	В	R	Ω	Ç	ķ	Day
S 1	4 37 10	8 <b>x</b> <sup>7</sup> 6'25	29 <b>ට</b> 58	18 <b>×</b> 750	8ML11	2 <b>M</b> 29	13°R34	21°R49	29 🗗 9	24°R35	24M24	14°R59	14 m 54	<del>_</del>	28°R 1	S 1
M 2	4 4 1 6	9° 7'08	29 <b>℃</b> 38 11 <b>≈</b> 47	20°22	9°25	3° 8	13 €34 13 <b>€</b> 34	21 849	29 <b>x</b> · 9	24 K33 24 <b>9</b> 34	2411624 24°26	14 K39 14 M 53	14 lly 34 14°51	5°25	27 <b>9</b> 59	M 2
T 3	4 45 3	10° 7'53	23°34	20°22 21°54	10°39	3°47	13°34	21°43	29°16	24°33	24°28	14°51	14°48	5°32	27°57	T 3
W 4	4 48 59	11° 8'38	5 <b>)</b> (26	23°25	11°53	4°26	13°33	21°40	29°20	24°32	24°31	14°50	14°45	5°38	27°55	W 4
T 5	4 52 56	12° 9'25	17°27	24°56	13° 8	5° 4	13°32	21°37	29°23	24°31	24°33	14°50	14°41	5°45	27°53	T 5
F 6	4 56 52	13°10'12	29°43	26°27	14°22	5°43	13°31	21°33	29°27	24°30	24°35	14°49	14°38	5°52	27°50	F 6
S 7	5 0 49	14°11'00	12 <b>Υ</b> 19	27°58	15°37	6°22	13°30	21°30	29°30	24°28	24°38	14°47	14°35	5°58	27°48	S 7
S 8	5 4 46	15°11'50	25°19	29°29	16°51	7° 1	13°29	21°27	29°34	24°27	24°40	14°43	14°32	6° 5	27°45	S 8
M 9	5 8 42	16°12'40	8 <b>8</b> 48	0 <b>궁</b> 59	18° 5	7°40	13°27	21°23	29°37	24°26	24°42	14°36	14°29	6°12	27°43	M 9
T 10	5 12 39	17°13'31	22°44	2°28	19°20	8°18	13°26	21°20	29°41	24°25	24°45	14°26	14°26	6°18	27°40	T 10
W11	5 16 35	18°14'23	7 <b>I</b> I 6	3°58	20°35	8°57	13°24	21°16	29°45	24°24	24°47	14°14	14°22	6°25	27°37	W11
T 12	5 20 32	19°15'16	21°47	5°27	21°49	9°36	13°21	21°12	29°48	24°22	24°49	14° 2	14°19	6°32	27°35	T 12
F 13	5 24 28	20°16'10	69541	6°55	23° 4	10°15	13°19	21° 8	29°52	24°21	24°51	13°51	14°16	6°39	27°32	F 13
S 14	5 28 25	21°17'05	21°37	8°22	24°18	10°54	13°17	21° 5	29°55	24°20	24°54	13°41	14°13	6°45	27°29	S 14
S 15	5 32 21	22°18'01	6Ω27	9°49	25°33	11°33	13°14	21° 1	29°59	24°18	24°56	13°34	14°10	6°52	27°26	S 15
M16	5 36 18	23°18'58	21° 4	11°14	26°48	12°11	13°11	20°57	0る3	24°17	24°58	13°30	14° 6	6°59	27°23	M16
T 17	5 40 15	24°19'57	5 <b>m</b> 23	12°39	28° 2	12°50	13° 8	20°52	0° 6	24°15	25° 0	13°29	14° 3	7° 5	27°20	T 17
W18	5 44 11	25°20'56	19°24	14° 1	29°17	13°29	13° 5	20°48	0°10	24°14	25° 2	13°29	14° 0	7°12	27°16	W18
T 19	5 48 8	26°21'57	3 <b>₾</b> 5	15°23	0 <b>∡</b> ³32	14° 8	13° 1	20°44	0°14	24°13	25° 4	13°29	13°57	7°19	27°13	T 19
F 20	5 52 4	27°22'58	16°29	16°42	1°47	14°47	12°57	20°40	0°17	24°11	25° 7	13°27	13°54	7°25	27°10	F 20
S 21	5 56 1	28°24'01	29°38	17°59	3° 2	15°26	12°54	20°35	0°21	24°10	25° 9	13°24	13°51	7°32	27° 6	S 21
S 22	5 59 57	29°25'04	12 <b>M</b> 33	19°13	4°16	16° 5	12°50	20°31	0°24	24° 8	25°11	13°17	13°47	7°39	27° 3	S 22
M23	6 3 54	0 <b>ප්</b> 26'09	25°16	20°25	5°31	16°44	12°45	20°27	0°28	24° 7	25°13	13° 8	13°44	7°45	26°59	M23
T 24	6 7 50	1°27'14	7 <b>.</b> ₹49	21°32	6°46	17°23	12°41	20°22	0°32	24° 5	25°15	12°56	13°41	7°52	26°56	T 24
W25	6 11 47	2°28'20	20°12	22°36	8° 1	18° 2	12°36	20°17	0°35	24° 3	25°17	12°42	13°38	7°59	26°52	W25
T 26	6 15 44	3°29'26	2 <b>ප</b> 25	23°34	9°16	18°41	12°32	20°13	0°39	24° 2	25°19	12°29	13°35	8° 5	26°48	T 26
F 27	6 19 40	4°30'33	14°30	24°27	10°31	19°20	12°27	20° 8	0°43	24° 0	25°21	12°16	13°32	8°12	26°45	F 27
S 28	6 23 37	5°31'41	26°27	25°14	11°46	19°59	12°22	20° 4	0°46	23°59	25°23	12° 5	13°28	8°19	26°41	S 28
S 29	6 27 33	6°32'48	8≈18	25°53	13° 1	20°38	12°16	19°59	0°50	23°57	25°25	11°57	13°25	8°25	26°37	S 29
M30	6 31 30	7°33'56	20° 5	26°24	14°16	21°17	12°11	19°54	0°53	23°56	25°27	11°52	13°22	8°32	26°33	M30
T 31	6 35 26	8 <b>ප</b> 35'04	1 <b>米</b> 51	26 <b>궁</b> 47	15 <b>₹</b> 31	21 <b>M</b> 55	12 <b>N</b> 5	199549	0 <b>궁</b> 57	239554	25 <b>M</b> 29	11 <b>m</b> /49	13 <b>M</b> 19	8 <b>≈</b> 39	26929	T 31

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T 3 W 4 T 5	21 56 22 5 22 13	11 55 1 50 8 44 0 50 5 10 0s14	25 15 2		12 13 0 48	17 13 0 31	21 17 0 23	23 36 0 12	20 33 0 39 20 33 0 39 20 33 0 39	4 51 14 26 4 51 14 26 4 52 14 26	5 58		2 13 20 7 21 1 13 20 7 22 0 13 19 7 22
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S 14 S 15 M16	23 11	15 41 3 2	25 22 2		14 22 0 44 14 35 0 44 14 47 0 44	17 21 0 33	21 24 0 22	23 36 0 12	20 35 0 39 20 35 0 39 20 35 0 39	4 55 14 27 4 55 14 27 4 56 14 27	6 27	6 12 15 3 6 13 15 3 6 15 15 2	0 13 19 7 28
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M30 T 31	23 11 23 s 8			39 21 30 0 59 323 21 s41 0n57					20 39 0 39 20n39 0 s39	4 59 14 30 4s59 14n31		6 32 15 1 6n33 15 s1	

Julian Day Number = 2539171.5, Delta T = 207.40 sec Ecliptic obliquity =  $23^{\circ}24'20$ , Nutation = -  $0^{\circ}00'05$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $28^{\circ}05'36$ , Lahiri =  $27^{\circ}12'36$