

# Astrodienst Ephemeris Tables for the year 1776

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 1776 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	4	ħ	)∤(	并	В	n	Ω	Ç	ķ	Day
M 1	6 40 51	10중15'09	13845	28 <b>×</b> 13	23M26	1≈19	13°R41	20 <u>0</u> 32	3°R19	24°R55	25 <b>~</b> 349	16°R11	17 <b>Ω</b> 26	28₽50	11 <b>Y</b> 55	M 1
T 2	6 44 48	11°16'18	26°55	29°45	24°26	2° 6	13 <b>Ⅲ</b> 34	20°35	3 <b>Ⅱ</b> 17	24 m 55	25°51	16 <b>Ω</b> 6	17°23	28°56	11°56	T 2
W 3	6 48 44	12°17'27	9 <b>Ⅱ</b> 51	1 <b>ਰ</b> 17	25°26	2°54	13°28	20°38	3°15	24°54	25°53	16° 0	17°20	29° 3	11°56	W 3
T 4	6 52 41	13°18'36	22°35	2°50	26°27	3°41	13°22	20°41	3°13	24°54	25°55	15°54	17°17	29°10	11°57	T 4
F 5	6 56 37	14°19'44	5 <b>9</b> 5 7	4°23	27°28	4°28	13°16	20°43	3°12	24°54	25°57	15°48	17°14	29°16	11°58	F 5
S 6	7 0 34	15°20'53	17°27	5°56	28°30	5°15	13°10	20°46	3°10	24°54	25°59	15°44	17°10	29°23	11°59	S 6
S 7	7 431	16°22'01	29°35	7°30	29°32	6° 3	13° 4	20°48	3° 8	24°53	26° 1	15°41	17° 7	29°30	11°59	S 7
M 8	7 8 27	17°23'09	11 <b>£</b> 35	9° 4	0 <b>∡</b> 734	6°50	12°59	20°51	3° 7	24°53	26° 3	15°D40	17° 4	29°36	12° 0	M 8
T 9	7 12 24	18°24'16	23°27	10°39	1°37	7°37	12°53	20°53	3° 5	24°52	26° 4	15°40	17° 1	29°43	12° 1	T 9
W10	7 16 20	19°25'24	5 <b>m</b> 15	12°14	2°40	8°25	12°48	20°55	3° 4	24°52	26° 6	15°41	16°58	29°50	12° 2	W10
T 11	7 20 17	20°26'31	17° 2	13°50	3°43	9°12	12°43	20°57	3° 2	24°51	26° 8	15°43	16°54	29°56	12° 3	T 11
F 12	7 24 13	21°27'38	28°53	15°26	4°47	9°59	12°38	20°59	3° 1	24°51	26°10	15°45	16°51	0 mg 3	12° 4	F 12
S 13	7 28 10	22°28'44	10 <b>≏</b> 51	17° 3	5°51	10°47	12°33	21° 1	2°59	24°50	26°12	15°46	16°48	0°10	12° 5	S 13
S 14	7 32 6	23°29'51	23° 3	18°40	6°55	11°34	12°29	21° 3	2°58	24°50	26°14	15°R47	16°45	0°16	12° 7	S 14
M15	7 36 3	24°30'57	5 <b>M</b> 32	20°17	8° 0	12°21	12°24	21° 5	2°57	24°49	26°16	15°46	16°42	0°23	12° 8	M15
T 16	7 40 0	25°32'03	18°23	21°56	9° 5	13° 9	12°20	21° 6	2°55	24°49	26°18	15°45	16°39	0°30	12° 9	T 16
W17	7 43 56	26°33'08	1 <b>才</b> 40	23°34	10°10	13°56	12°16	21° 8	2°54	24°48	26°20	15°43	16°35	0°36	12°11	W17
T 18	7 47 53	27°34'14	15°23	25°14	11°15	14°44	12°12	21° 9	2°53	24°47	26°22	15°40	16°32	0°43	12°12	T 18
F 19	7 51 49	28°35'19	29°34	26°54	12°21	15°31	12° 9	21°10	2°52	24°46	26°24	15°38	16°29	0°49	12°13	F 19
S 20	7 55 46	29°36'23	14중 8	28°34	13°27	16°19	12° 5	21°11	2°51	24°46	26°26	15°36	16°26	0°56	12°15	S 20
S 21	7 59 42	0≈37'27	28°59	0≈15	14°33	17° 6	12° 2	21°12	2°50	24°45	26°28	15°34	16°23	1° 3	12°17	S 21
M22	8 3 39	1°38'29	14≈ 1	1°57	15°39	17°53	11°59	21°13	2°49	24°44	26°30	15°D34	16°20	1° 9	12°18	M22
T 23	8 7 36	2°39'31	29° 3	3°39	16°46	18°41	11°56	21°14	2°48	24°43	26°32	15°34	16°16	1°16	12°20	T 23
W24	8 11 32	3°40'32	13 <b>)</b> 59	5°22	17°53	19°28	11°54	21°15	2°47	24°42	26°34	15°35	16°13	1°23	12°22	W24
T 25	8 15 29	4°41'32	28°40	7° 5	19° 0	20°16	11°51	21°15	2°46	24°41	26°36	15°36	16°10	1°29	12°23	T 25
F 26	8 19 25	5°42'30	13 <b>°</b> 1	8°50	20° 7	21° 3	11°49	21°16	2°45	24°41	26°38	15°37	16° 7	1°36	12°25	F 26
S 27	8 23 22	6°43'27	27° 1	10°34	21°14	21°51	11°47	21°16	2°44	24°40	26°40	15°37	16° 4	1°43	12°27	S 27
S 28	8 27 18	7°44'23	10839	12°19	22°22	22°38	11°45	21°17	2°44	24°39	26°41	15°R37	16° 0	1°49	12°29	S 28
M29	8 31 15	8°45'18	23°55	14° 5	23°29	23°26	11°44	21°17	2°43	24°38	26°43	15°37	15°57	1°56	12°31	M29
T 30	8 35 11	9°46'11	6 <b>Ⅱ</b> 53	15°51	24°37	24°13	11°42	21°R17	2°43	24°37	26°45	15°37	15°54	2° 3	12°33	T 30
W31	8 39 8	10≈47'03	19 <b>∏</b> 33	17 <b>≈</b> 38	25 <b>₹</b> 45	25≈ 1	11 <b>Ⅱ</b> 41	21 <b>≏</b> 17	2 <b>Ⅱ</b> 42	24 Mp 35	26 <b>궁</b> 47	15 <b>Ω</b> 36	15 <b>Ω</b> 51	2MD 9	12 <b>Y</b> 35	W31

Day	0	D	ğ	φ	♂	4	ħ	)∤(	¥	В	n	v t	o k
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl	decl decl	decl lat
M 1 T 2			24s 7 0s4 24 14 0 4			21n56 0s32 21 56 0 32		20n44 0s 7 20 44 0 7	3n10 1n15 3 10 1 15			5n38 12n51 5 38 12 49	6n 8 1n32 6 8 1 32
W 3	22 54	17 15 4 45	24 20 0 5	53 15 48 3 27	20 38 1 8	21 55 0 32	5 47 2 27	20 43 0 7	3 11 1 15	23 38 2 41	16 4 1	5 39 12 48	6 8 1 32
T 4 F 5	22 48 22 42		24 25 0 5 24 28 1			21 55 0 31 21 54 0 31		20 43 0 7 20 43 0 6				5 40 12 46 5 41 12 45	
S 6	22 35	19 52 2 29	24 30 1 1	10 16 30 3 26	20 4 1 8	21 53 0 31	5 50 2 28	20 42 0 6	3 11 1 15	23 37 2 41	16 8 1	5 42 12 43	6 8 1 31
S 7 M 8 T 9	22 20	16 58 0 22	24 31 1 1 24 30 1 2 24 28 1 2	21 16 58 3 24	19 41 1 8	21 53 0 31 21 52 0 31 21 52 0 30	5 51 2 29	20 42 0 6 20 42 0 6 20 42 0 6	3 11 1 15	23 37 2 41 23 36 2 42 23 36 2 42	16 9 1	5 43 12 42 5 44 12 40 5 45 12 39	6 9 1 31
W10	22 3	11 14 1 46	24 24 1 3	30 17 25 3 22	19 16 1 7	21 52 0 30	5 52 2 29	20 41 0 6	3 12 1 16	23 36 2 42	16 9 1	5 46 12 37	6 9 1 31
F 12	21 55 21 45 21 35		24 19 1 3 24 13 1 3 24 5 1 4	39 17 51 3 19	18 50 1 7	21 51 0 30 21 51 0 30 21 50 0 30		20 41 0 6 20 41 0 6 20 40 0 6	3 12 1 16	23 36 2 42 23 35 2 42 23 35 2 42	16 8 1	5 47 12 36 5 48 12 34 5 49 12 33	6 10 1 30
S 14 M15 T 16 W17 T 18 F 19 S 20	21 25 21 15 21 3 20 52 20 40 20 28 20 15	8 29 5 11 12 16 5 16 15 33 5 4 18 7 4 35 19 40 3 48	23 3 1 5 22 46 2	50 18 29 3 14 53 18 41 3 12 56 18 52 3 10 58 19 3 3 8 0 19 14 3 5	18 11 1 7 17 57 1 6 17 43 1 6 17 29 1 6 17 15 1 6	21 50 0 29 21 50 0 29 21 49 0 29 21 49 0 29 21 49 0 29 21 48 0 28 21 48 0 28	5 54 2 31 5 55 2 31 5 55 2 31 5 55 2 31 5 55 2 32	20 40 0 6 20 40 0 6 20 39 0 6	3 13 1 16 3 13 1 16 3 14 1 16 3 14 1 16 3 14 1 16	23 34 2 42 23 34 2 42 23 34 2 42 23 33 2 42	16 8 1. 16 8 1. 16 9 1. 16 9 1. 16 10 1.	5 50 12 31 5 51 12 29 5 52 12 28 5 53 12 26 5 54 12 25 5 55 12 23 5 56 12 22	6 11 1 30 6 11 1 29 6 12 1 29 6 12 1 29
S 21 M22 T 23 W24 T 25 F 26 S 27	20 2 19 49	18 54 1 31 16 30 0 9 12 58 1s14 8 38 2 31 3 51 3 37 1n 2 4 28	22 7 2 21 46 2 21 23 2 20 58 2 20 32 2 20 4 2	3 19 35 3 0 4 19 45 2 58 5 19 54 2 55 5 20 3 2 53 5 20 11 2 50 4 20 20 2 47	16 46 1 6 16 31 1 5 16 17 1 5 16 1 1 5 15 46 1 5 15 31 1 5	21 48 0 28 21 48 0 28 21 47 0 28 21 47 0 27 21 47 0 27 21 47 0 27 21 47 0 27	5 56 2 32 5 56 2 32 5 56 2 33 5 56 2 33 5 56 2 33 5 56 2 34	20 39 0 6 20 39 0 6	3 15 1 16 3 15 1 16 3 16 1 16 3 16 1 16 3 17 1 16 3 17 1 16	23 33 2 43 23 32 2 43 23 32 2 43 23 32 2 43 23 31 2 43 23 31 2 43	16 11 1 16 11 1	5 57 12 20 5 58 12 19 5 59 12 17 6 0 12 15 6 1 12 14 6 1 12 12	6 13 1 29 6 14 1 29 6 14 1 29 6 15 1 28 6 15 1 28 6 16 1 28
S 28 M29 T 30 W31	18 21 18 6 17 49 17 s33	13 42 5 14 16 37 4 56	18 31 1 5 17 57 1 5	59 20 41 2 38 56 20 47 2 34	14 44 1 4 14 28 1 4	21 47 0 27 21 47 0 26 21 47 0 26 21n47 0 s26	5 55 2 34 5 55 2 35	20 38 0 6 20 38 0 6 20 37 0 6 20n37 0s 6	3 18 1 16 3 19 1 16	23 30 2 43 23 30 2 43	16 10 16 16 10 16 16 11 16 16n11 1	6 4 12 7	6 18 1 28

Julian Day Number = 2369730.5, Delta T = 22.00 sec Ecliptic obliquity =  $23^{\circ}27'59$ , Nutation = -  $0^{\circ}00'11$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $21^{\circ}36'46$ , Lahiri =  $20^{\circ}43'47$ Greg. Calendar

FEBRUARY 1776 00:00 UT

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Day	Sid.t	0	D	ğ	ρ	ď	4	ħ	)∤(	并	Р	₽.	ß	Ç	ķ	Day
T 1	8 43 4	11≈47'54	1959	19≈25	26 <b>×</b> 753	25≈48	11°R40	21°R17	2°R42	24°R34	26 <b>궁</b> 49	15°R35	15 <b>Ω</b> 48	2 Mp 16	12 <b>Y</b> 37	T 1
F 2	8 47 1	12°48'43	14°14	21°12	28° 1	26°35	11 <b>II</b> 39	21 <b>≏</b> 17	2 <b>Ⅱ</b> 41	24 Mp 33	26°51	15 <b>Ω</b> 35	15°45	2°23	12°39	F 2
S 3	8 50 58	13°49'31	26°19	22°59	29°10	27°23	11°39	21°16	2°41	24°32	26°53	15°35	15°41	2°29	12°42	S 3
S 4	8 54 54	14°50'18	8 <b>Ω</b> 16	24°47	0중18	28°10	11°38	21°16	2°40	24°31	26°55	15°35	15°38	2°36	12°44	S 4
M 5	8 58 51	15°51'03	20° 9	26°34	1°27	28°58	11°D38	21°15	2°40	24°30	26°57	15°35	15°35	2°43	12°46	M 5
T 6	9 2 47	16°51'47	1 <b>m</b> ) 58	28°20	2°36	29°45	11°38	21°14	2°40	24°28	26°58	15°35	15°32	2°49	12°48	T 6
W 7	9 6 44	17°52'30	13°46	0 <b>∀</b> 7	3°45	0 <b>)</b> €32	11°38	21°14	2°40	24°27	27° 0	15°34	15°29	2°56	12°51	W 7
T 8	9 10 40	18°53'11	25°35	1°52	4°54	1°20	11°39	21°13	2°40	24°26	27° 2	15°34	15°26	3° 3	12°53	T 8
F 9	9 14 37	19°53'51	7 <b>≏</b> 29	3°36	6° 3	2° 7	11°39	21°12	2°40	24°25	27° 4	15°33	15°22	3° 9	12°56	F 9
S 10	9 18 33	20°54'31	19°30	5°18	7°13	2°55	11°40	21°11	2°D40	24°23	27° 6	15°33	15°19	3°16	12°58	S 10
S 11	9 22 30	21°55'09	1 <b>M</b> 41	6°59	8°22	3°42	11°41	21°10	2°40	24°22	27° 8	15°32	15°16	3°22	13° 1	S 11
M12	9 26 27	22°55'45	14° 8	8°36	9°32	4°29	11°42	21° 8	2°40	24°21	27° 9	15°32	15°13	3°29	13° 3	M12
T 13	9 30 23	23°56'21	26°54	10°11	10°41	5°17	11°44	21° 7	2°40	24°19	27°11	15°D32	15°10	3°36	13° 6	T 13
W14	9 34 20	24°56'55	10 <b>×</b> 2	11°43	11°51	6° 4	11°45	21° 5	2°40	24°18	27°13	15°32	15° 6	3°42	13° 9	W14
T 15	9 38 16	25°57'29	23°36	13°10	13° 1	6°51	11°47	21° 4	2°40	24°17	27°15	15°33	15° 3	3°49	13°11	T 15
F 16	9 42 13	26°58'01	7 <b>云</b> 36	14°32	14°11	7°38	11°49	21° 2	2°41	24°15	27°17	15°34	15° 0	3°56	13°14	F 16
S 17	9 46 9	27°58'31	22° 3	15°49	15°21	8°26	11°51	21° 0	2°41	24°14	27°18	15°35	14°57	4° 2	13°17	S 17
S 18	9 50 6	28°59'00	6≈52	17° 0	16°31	9°13	11°54	20°58	2°42	24°12	27°20	15°35	14°54	4° 9	13°20	S 18
M19	9 54 2	29°59'28	21°58	18° 4	17°42	10° 0	11°56	20°57	2°42	24°11	27°22	15°R35	14°51	4°16	13°22	M19
T 20	9 57 59	0 <b>) ₹</b> 59'54	7 <b>∺</b> 12	19° 1	18°52	10°47	11°59	20°54	2°43	24° 9	27°23	15°35	14°47	4°22	13°25	T 20
W21	10 1 56	2° 0'18	22°24	19°49	20° 3	11°35	12° 2	20°52	2°43	24° 8	27°25	15°33	14°44	4°29	13°28	W21
T 22	10 5 52	3° 0'41	7 <b>Υ</b> 24	20°29	21°13	12°22	12° 5	20°50	2°44	24° 6	27°27	15°31	14°41	4°36	13°31	T 22
F 23	10 9 49	4° 1'01	22° 5	21° 0	22°24	13° 9	12° 9	20°48	2°44	24° 5	27°28	15°28	14°38	4°42	13°34	F 23
S 24	10 13 45	5° 1'20	6820	21°22	23°34	13°56	12°12	20°45	2°45	24° 3	27°30	15°26	14°35	4°49	13°37	S 24
S 25	10 17 42	6° 1'37	20° 8	21°34	24°45	14°43	12°16	20°43	2°46	24° 2	27°32	15°24	14°32	4°56	13°40	S 25
M26	10 21 38	7° 1'51	3 <b>II</b> 29	21°R36	25°56	15°30	12°20	20°40	2°47	24° 0	27°33	15°D24	14°28	5° 2	13°43	M26
T 27	10 25 35	8° 2'04	16°25	21°29	27° 7	16°17	12°24	20°37	2°48	23°59	27°35	15°24	14°25	5° 9	13°46	T 27
W28	10 29 31	9° 2'14	29° 0	21°12	28°18	17° 4	12°28	20°34	2°49	23°57	2 <u>7</u> °36	15°25	14°22	5°16	13°50	W28
T 29	10 33 28	10 <b>米</b> 2′23	119917	20 <b>)</b> 47	29 <b>궁</b> 29	17 <b>米</b> 51	12 <b>II</b> 33	20 <b>₽</b> 32	2 <b>II</b> 50	23 <b>m</b> 55	27 <b>云</b> 38	15 <b>Ω</b> 27	14 <b>Ω</b> 19	5 <b>m</b> 22	13 <b>Y</b> 53	T 29

Day	0	D	ì	Į.	φ	С	3	2	ł	ħ	1	);	ł(	4	(	Р		P	U	Ç	ķ	
	decl	decl lat	decl	lat	decl lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl la	at	decl	decl	decl	decl	lat
T 1 F 2 S 3	16 59	19 58 2 4	0 16s44 6 16 5 5 15 25	1 44 2	21 3 2 25	13 s55 13 39 13 22	1 3	21n47 21 47 21 47	0 s26 0 26 0 25	5 s 5 5 5 5 4 5 5 4	2 36	20n37 20 37 20 37	0 6	3n20 3 20 3 21	1 17	23 29	2 44	16 11	16n 7 16 8 16 9	_	6n20 6 20 6 21	1n27 1 27 1 27
S 4 M 5 T 6 W 7 T 8 F 9 S 10	16 6	15 11 0n2 12 11 1 3 8 42 2 3 4 53 3 2 0 52 4 1	1 14 44 5 14 2 0 13 18 1 12 34 5 11 48 0 11 2 6 10 15	1 27 2 1 19 2 1 12 2 1 3 2 0 54 2	21 13 2 14 21 16 2 11 21 18 2 7 21 19 2 3 21 20 2 0	12 49	1 2 1 2 1 1 1 1 1 1	21 47 21 48 21 48 21 48 21 48 21 49 21 49	0 25 0 25 0 25 0 24 0 24 0 24 0 24	5 53 5 53 5 52 5 52 5 51 5 51 5 50	2 36 2 37 2 37 2 37 2 37	20 37 20 37 20 37 20 37 20 37 20 37 20 37	0 6 0 6 0 6 0 6 0 6	3 22 3 22 3 23 3 23 3 24	1 17 1 17 1 17 1 17 1 17	23 28 23 28 23 28 23 28 23 28 23 27	2 44 2 44 2 44 2 44 2 45	16 11 16 11 16 11 16 11 16 11	16 11 16 12 16 13 16 14 16 15	11 58 11 56 11 55 11 53 11 51 11 50 11 48	6 22 6 23 6 24 6 24 6 25 6 26 6 27	1 27 1 27 1 27 1 26 1 26 1 26 1 26
S 11 M12 T 13 W14 T 15	14 13 13 53 13 33 13 13 12 53 12 32	7 15 5 11 2 5 1 14 26 5 1 17 13 4 4 19 9 4 1 19 59 3 1	9 9 28 8 8 41 2 7 54 9 7 8 0 6 22	0 33 2 0 22 2 0 9 2 0n 3 2 0 17 2 0 31 2	21 20	11 6 10 48 10 30 10 13 9 55 9 37	1 0 1 0 0 59 0 59 0 59 0 59	21 49 21 50 21 50 21 50 21 51 21 51 21 52	0 24 0 23 0 23 0 23 0 23 0 23 0 23	5 49 5 49 5 48 5 47 5 46 5 45 5 45	2 38 2 38 2 38 2 39 2 39 2 39	20 37 20 37 20 37 20 37 20 37 20 37 20 37	0 6 0 6 0 6 0 6 0 6	3 25 3 25 3 26 3 27 3 27 3 28	1 17 1 17 1 17 1 17 1 17 1 17	23 27 23 27 23 27 23 26 23 26 23 26 23 26	2 45 2 45 2 45 2 45 2 45 2 45 2 45	16 12 16 12 16 12 16 12 16 12 16 11	16 17 16 18 16 18 16 19 16 20 16 21	11 46 11 45 11 43 11 42 11 40 11 38 11 37		1 26 1 26 1 26 1 25 1 25 1 25 1 25
M19		14 46 0 s3 10 41 1 5 5 56 3 1	5 3 35 7 2 58 0 2 25 9 1 56 0 1 30	1 15 2 1 30 2 1 45 2 2 0 2 2 15 2	20 57 1 21 20 52 1 17 20 46 1 13 20 39 1 9 20 32 1 6	8 42 8 24 8 6 7 48 7 29	0 57 0 57 0 56 0 56 0 56	21 52 21 53 21 53 21 54 21 55 21 55 21 56	0 22 0 22 0 22 0 22 0 22 0 21 0 21	5 44 5 43 5 42 5 41 5 40 5 38 5 37	2 40 2 40 2 40 2 41 2 41	20 38 20 38 20 38 20 38 20 38 20 38 20 38	0 6 0 6 0 6 0 6 0 6	3 30 3 30 3 31 3 31 3 32	1 17 1 17 1 17 1 17 1 17	23 25 23 25 23 25 23 25 23 25 23 24	2 46 2 46 2 46 2 46 2 46	16 11 16 11 16 12 16 12 16 13	16 24 16 25 16 26 16 27 16 28	11 35 11 33 11 32 11 30 11 28 11 27 11 25	6 34 6 35 6 36 6 37 6 38 6 39 6 40	1 25 1 25 1 25 1 25 1 24 1 24 1 24
S 25 M26 T 27 W28 T 29	8 56 8 34 8 11		1 0 39 1 0 32 9 0 29	2 55 2 3 6 1 3 17 1	20 6 0 54 19 57 0 50 19 47 0 46	6 33 6 15 5 56	0 54 0 54 0 54	21 57 21 57 21 58 21 59 21n59	0 21 0 21 0 21 0 20 0 s20	5 36 5 35 5 34 5 33 5 s31	2 42 2 42 2 42	20 39 20 39 20 39 20 39 20n39	0 6 0 6 0 6	3 34 3 35 3 35	1 17 1 17 1 17	23 24 23 24 23 23	2 47 2 47 2 47	16 14 16 14 16 14	16 31 16 31 16 32	11 23 11 22 11 20 11 18 11n17	6 41 6 43 6 44 6 45 6n46	1 24 1 24 1 24 1 24 1 n24

Julian Day Number = 2369761.5, Delta T = 22.01 sec Ecliptic obliquity =  $23^{\circ}28'00$ , Nutation = -  $0^{\circ}00'11$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $21^{\circ}36'51$ , Lahiri =  $20^{\circ}43'51$ Greg. Calendar

MARCH 1776 00:00 UT

Day	Sid.t	0	D	ğ	·	ď	4	ħ	)∤(	卉	Р	n	v	Ç	Ŗ	Day
F 1	10 37 25	11 <b>米</b> 2'29	239522	20°R13	0≈40	18 <b>)</b> 38	12 <b>II</b> 37	20°R29	2 <b>Ц</b> 51	23°R54	27 <b>云</b> 39	15 <b>Ω</b> 28	14Ω16	5 <b>m</b> 29	13 <b>Y</b> 56	F 1
S 2	10 41 21	12° 2'33	5 <b>Ω</b> 17	19 <b>)</b> 33	1°51	19°25	12°42	20 <b>≏</b> 26	2°52	23 <b>m</b> 52	27°41	15°30	14°12	5°36	13°59	S 2
S 3	10 45 18	13° 2'35	17° 7	18°46	3° 2	20°12	12°47	20°22	2°53	23°50	27°42	15°R30	14° 9	5°42	14° 2	S 3
M 4	10 49 14	14° 2'35	28°55	17°53	4°13	20°59	12°52	20°19	2°54	23°49	27°44	15°29	14° 6	5°49	14° 6	M 4
T 5	10 53 11	15° 2'34	10 <b>m</b> /43	16°57	5°25	21°46	12°57	20°16	2°55	23°47	27°45	15°27	14° 3	5°55	14° 9	T 5
W 6	10 57 7	16° 2'30	22°34	15°59	6°36	22°33	13° 3	20°13	2°57	23°46	27°47	15°23	14° 0	6° 2	14°12	W 6
T 7	11 1 4	17° 2'24	4 <b>Ω</b> 29	14°59	7°47	23°20	13° 9	20° 9	2°58	23°44	27°48	15°18	13°57	6° 9	14°16	T 7
F 8	11 5 0	18° 2'16	16°30	14° 0	8°59	24° 6	13°14	20° 6	2°59	23°42	27°50	15°12	13°53	6°15	14°19	F 8
S 9	11 8 57	19° 2'07	28°39	13° 3	10°10	24°53	13°20	20° 2	3° 1	23°41	27°51	15° 6	13°50	6°22	14°22	S 9
S 10	11 12 54	20° 1'56	10 <b>M</b> 57	12° 8	11°22	25°40	13°26	19°59	3° 2	23°39	27°52	15° 0	13°47	6°29	14°26	S 10
M11	11 16 50	21° 1'43	23°28	11°17	12°33	26°26	13°33	19°55	3° 4	23°37	27°54	14°56	13°44	6°35	14°29	M11
T 12	11 20 47	22° 1'28	6 <b>₹</b> 15	10°30	13°45	27°13	13°39	19°51	3° 6	23°36	27°55	14°53	13°41	6°42	14°33	T 12
W13	11 24 43	23° 1'12	19°19	9°48	14°57	28° 0	13°46	19°47	3° 7	23°34	27°56	14°D51	13°37	6°49	14°36	W13
T 14	11 28 40	24° 0'54	2 <b>궁</b> 43	9°13	16° 8	28°46	13°53	19°43	3° 9	23°32	27°57	14°52	13°34	6°55	14°39	T 14
F 15	11 32 36	25° 0'35	16°31	8°43	17°20	29°33	13°59	19°39	3°11	23°31	27°59	14°53	13°31	7° 2	14°43	F 15
S 16	11 36 33	26° 0'13	0≈42	8°19	18°32	0 <b>Υ</b> 19	14° 6	19°35	3°12	23°29	28° 0	14°54	13°28	7° 9	14°46	S 16
S 17	11 40 29	26°59'50	15°16	8° 1	19°44	1° 6	14°14	19°31	3°14	23°27	28° 1	14°R55	13°25	7°15	14°50	S 17
M18	11 44 26	27°59'25	0 <b>∺</b> 9	7°50	20°56	1°52	14°21	19°27	3°16	23°26	28° 2	14°54	13°22	7°22	14°54	M18
T 19	11 48 22	28°58'58	15°16	7°D45	22° 8	2°39	14°29	19°23	3°18	23°24	28° 3	14°51	13°18	7°29	14°57	T 19
W20	11 52 19	29°58'29	0 <b>Υ</b> 26	7°45	23°20	3°25	14°36	19°19	3°20	23°22	28° 4	14°46	13°15	7°35	15° 1	W20
T 21	11 56 16	0 <b>Υ</b> 57'58	15°31	7°52	24°32	4°11	14°44	19°15	3°22	23°21	28° 6	14°39	13°12	7°42	15° 4	T 21
F 22	12 0 12	1°57'25	0820	8° 3	25°44	4°58	14°52	19°10	3°24	23°19	28° 7	14°32	13° 9	7°49	15° 8	F 22
S 23	12 4 9	2°56'50	14°46	8°20	26°56	5°44	15° 0	19° 6	3°26	23°17	28° 8	14°24	13° 6	7°55	15°11	S 23
S 24	12 8 5	3°56'12	28°44	8°42	28° 8	6°30	15° 8	19° 2	3°28	23°16	28° 9	14°18	13° 3	8° 2	15°15	S 24
M25	12 12 2	4°55'33	12 <b>II</b> 13	9° 9	29°20	7°16	15°16	18°57	3°30	23°14	28°10	14°14	12°59	8° 9	15°19	M25
T 26	12 15 58	5°54'51	25°14	9°40	0 <b>∺</b> 32	8° 2	15°25	18°53	3°33	23°13	28°11	14°11	12°56	8°15	15°22	T 26
W27	12 19 55	6°54'06	7951	10°16	1°44	8°48	15°33	18°48	3°35	23°11	28°12	14°D11	12°53	8°22	15°26	W27
T 28	12 23 51	7°53'20	20° 7	10°55	2°56	9°34	15°42	18°44	3°37	23° 9	28°12	14°11	12°50	8°29	15°30	T 28
F 29	12 27 48	8°52'30	$2\Omega$ 9	11°39	4° 9	10°20	15°51	18°39	3°39	23° 8	28°13	14°12	12°47	8°35	15°33	F 29
S 30	12 31 45	9°51'39	14° 2	12°25	5°21	11° 6	16° 0	18°35	3°42	23° 6	28°14	14°R13	12°43	8°42	15°37	S 30
S 31	12 35 41	10 <b>Y</b> 50'45	25 <b>Ω</b> 49	13 <b>米</b> 15	6 <b>¥</b> 33	11 <b>Y</b> 52	16 <b>I</b> I 9	18 <b>≏</b> 30	3 <b>Ⅱ</b> 44	23 m/ 5	28 <b>ප</b> 15	14 <b>Ω</b> 12	12 <b>\O</b> 40	8 <b>m</b> /49	15 <b>Y</b> 41	S 31

Day	0	D	ğ	Q	♂ <sup>1</sup>	4	ħ	)Å(	卉	Р	ß.	ດ ⊈	ę,
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl	lecl decl	decl lat
F 1 S 2	7 s26 7 3	19n29 1s59 18 4 0 56	0s38 3n3 0 49 3 3		5 s18 0 s53 5 0 0 52	22n 0 0 s20 22 1 0 20		20n40 0s 6 20 40 0 6				n34 11n15 35 11 13	6n47 1n24 6 48 1 23
S 3 M 4 T 5 W 6 T 7 F 8	6 40 6 17 5 54 5 31 5 7 4 44	13 0 1 13 9 37 2 14 5 51 3 9 1 50 3 57	1 4 3 4 1 24 3 4 1 47 3 4 2 12 3 3 2 40 3 3 3 9 3 2	11 18 47 0 27 10 18 34 0 23 17 18 20 0 19 12 18 5 0 16	4 41 0 52 4 22 0 51 4 3 0 51 3 44 0 50 3 25 0 50 3 6 0 49	22 3 0 20 22 4 0 19 22 4 0 19 22 5 0 19	5 26 2 43 5 24 2 43 5 23 2 43 5 22 2 44	20 41 0 6 20 41 0 6 20 41 0 6	3 38 1 17 3 39 1 17 3 39 1 17 3 40 1 17 3 41 1 17 3 41 1 17	23 23 2 48 23 22 2 48 23 22 2 48 23 22 2 48		39 11 6 40 11 5	6 49 1 23 6 51 1 23 6 52 1 23 6 53 1 23 6 54 1 23 6 55 1 23
S 9 S 10	4 44 4 21 3 57	2s17 4 34 6 21 4 59 10 12 5 11	3 39 3 1		3 6 0 49 2 47 0 49 2 28 0 48	22 7 0 19		20 42 0 6	-	23 22 2 48	16 20 16 16 21 16	42 11 1	6 57 1 23
M11 T 12 W13 T 14	3 34 3 10 2 46 2 23	13 41 5 8 16 36 4 50 18 46 4 17	4 39 2 5 5 9 2 4 5 37 2 2	64     17     2     0     1       12     16     45     0s     2       18     16     28     0     6	2 9 0 48 1 50 0 48 1 31 0 47	22 9 0 18 22 10 0 18 22 11 0 18	5 16 2 44 5 14 2 44 5 12 2 45	20 42 0 6 20 43 0 6 20 43 0 6	3 43 1 17 3 44 1 18 3 45 1 18	23 22 2 49 23 21 2 49 23 21 2 49	16 23 16 16 23 16 16 24 16	43 10 58 44 10 56 45 10 54 46 10 53	6 59 1 22 7 0 1 22 7 1 1 22
F 15 S 16	1 59 1 35	19 59 2 28 18 47 1 17	6 28 1 5 6 51 1 4	19     15     51     0     13       14     15     33     0     16	0 53 0 46 0 34 0 46	22 13 0 18 22 14 0 17	5 9 2 45 5 8 2 45	20 44 0 5 20 44 0 5		23 21 2 49 23 21 2 49	16 23 16 16 23 16	47 10 51 48 10 49	7 4 1 22 7 5 1 22
S 17 M18 T 19 W20 T 21 F 22	1 12 0 48 0 24 0 1 0n23 0 47	12 42 1 22 8 14 2 37 3 13 3 41 1n58 4 30 6 56 4 59	7 12 1 2 7 30 1 1 1 7 46 0 5 7 59 0 4 8 10 0 3 8 19 0 1	4 14 53 0 23 69 14 33 0 26 64 14 13 0 29 60 13 52 0 32 66 13 30 0 35	0n 4 0 45 0 23 0 44 0 42 0 43 1 1 0 43 1 19 0 42	22 15 0 17 22 16 0 17 22 17 0 17 22 18 0 17 22 19 0 17 22 20 0 17	4 59 2 46 4 57 2 46	20 45 0 5 20 45 0 5 20 45 0 5 20 46 0 5 20 46 0 5	3 48 1 18 3 49 1 18 3 49 1 18 3 50 1 18 3 51 1 18	23 21 2 50 23 21 2 50	16 23 16 16 24 16 16 25 16 16 27 16 16 30 16	49 10 47 50 10 46 51 10 44 52 10 42 52 10 40 53 10 39	7 7 1 22 7 8 1 22 7 9 1 22 7 10 1 22 7 12 1 22 7 13 1 21
S 23 S 24 M25 T 26 W27 T 28	1 10 1 34 1 58 2 21 2 45 3 8	15 3 4 59 17 47 4 32 19 30 3 53 20 11 3 3	8 25 0 : 8 29 0s1 8 30 0 2 8 30 0 3 8 27 0 4 8 22 0 5	13 12 24 0 44 15 12 1 0 47 17 11 38 0 49	1 57 0 41 2 16 0 41 2 35 0 40 2 53 0 40	22 21 0 16 22 22 0 16 22 23 0 16 22 24 0 16 22 25 0 16 22 26 0 16		20 48 0 5 20 48 0 5		23 20 2 51 23 20 2 51 23 20 2 51 23 20 2 51	16 33 16 16 35 16 16 35 16 16 36 16	54 10 37 55 10 35 56 10 33 57 10 32 58 10 30 59 10 28	7 14 1 21 7 16 1 21 7 17 1 21 7 18 1 21 7 20 1 21 7 21 1 21
F 29 S 30 S 31	3 55	16 37 0 1	8 7 1 1		3 49 0 38	22 27 0 15 22 29 0 15 22n30 0s15		20 49 0 5 20 50 0 5 20n50 0s 5		23 20 2 52	16 35 17 16 35 17 16n35 17		7 22 1 21 7 24 1 21 7n25 1n21

Julian Day Number = 2369790.5, Delta T = 22.02 sec Ecliptic obliquity =  $23^{\circ}28'00$ , Nutation = -  $0^{\circ}00'11$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $21^{\circ}36'55$ , Lahiri =  $20^{\circ}43'55$ Greg. Calendar

APRIL 1776 00:00 UT

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Day	Sid.t	0	D	ğ	φ	ď	4	ħ	)ţ(	并	В	S.	v	Ç	ę,	Day
M 1	12 39 38	11 <b>Y</b> 49'49	7 <b>m</b> 36	14 <b>)</b> 9	7 <b>){</b> 45	12 <b>Y</b> 38	16 <b>I</b> I18	18°R26	3 <b>Ⅱ</b> 47	23°R 3	28 <b>궁</b> 16	14°R 9	12 <b>Ω</b> 37	8 <b>m</b> 55	15 <b>Y</b> 44	M 1
T 2	12 43 34	12°48'51	19°26	15° 5	8°58	13°24	16°27	18 <b>≏</b> 21	3°49	23 Mp 1	28°17	14 <b>Ω</b> 4	12°34	9° 2	15°48	T 2
W 3	12 47 31	13°47'51	1 <b>≏</b> 21	16° 4	10°10	14°10	16°37	18°17	3°52	23° 0	28°17	13°56	12°31	9° 9	15°51	W 3
T 4	12 51 27	14°46'49	13°25	17° 6	11°22	14°55	16°46	18°12	3°54	22°58	28°18	13°46	12°28	9°15	15°55	T 4
F 5	12 55 24	15°45'44	25°37	18°11	12°35	15°41	16°56	18° 7	3°57	22°57	28°19	13°35	12°24	9°22	15°59	F 5
S 6	12 59 20	16°44'38	7 <b>M</b> .59	19°18	13°47	16°27	17° 6	18° 3	3°59	22°55	28°19	13°23	12°21	9°29	16° 2	S 6
S 7	13 3 17	17°43'29	20°32	20°28	14°59	17°12	17°16	17°58	4° 2	22°54	28°20	13°12	12°18	9°35	16° 6	S 7
M 8	13 7 14	18°42'19	3 <b>∡</b> 16	21°39	16°12	17°58	17°25	17°53	4° 5	22°52	28°21	13° 3	12°15	9°42	16°10	M 8
T 9	13 11 10	19°41'07	16°12	22°53	17°24	18°43	17°36	17°49	4° 7	22°51	28°21	12°56	12°12	9°49	16°14	T 9
W10	13 15 7	20°39'54	29°22	24°10	18°37	19°29	17°46	17°44	4°10	22°50	28°22	12°52	12° 8	9°55	16°17	W10
T 11	13 19 3	21°38'38	12 <b>る</b> 46	25°28	19°49	20°14	17°56	17°40	4°13	22°48	28°22	12°50	12° 5	10° 2	16°21	T 11
F 12	13 23 0	22°37'21	26°28	26°48	21° 2	21° 0	18° 6	17°35	4°16	22°47	28°23	12°D49	12° 2	10° 8	16°24	F 12
S 13	13 26 56	23°36'03	10≈27	28°10	22°14	21°45	18°17	17°30	4°19	22°45	28°23	12°R50	11°59	10°15	16°28	S 13
S 14	13 30 53	24°34'42	24°44	29°34	23°27	22°30	18°27	17°26	4°21	22°44	28°24	12°49	11°56	10°22	16°32	S 14
M15	13 34 49	25°33'20	9 <b>∺</b> 17	1 <b>Υ</b> 0	24°39	23°15	18°38	17°21	4°24	22°43	28°24	12°47	11°53	10°28	16°35	M15
T 16	13 38 46	26°31'57	24° 3	2°28	25°52	24° 1	18°49	17°17	4°27	22°41	28°24	12°42	11°49	10°35	16°39	T 16
W17	13 42 43	27°30'31	8 <b>Υ</b> 56	3°58	27° 5	24°46	19° 0	17°12	4°30	22°40	28°25	12°35	11°46	10°42	16°43	W17
T 18	13 46 39	28°29'03	23°47	5°29	28°17	25°31	19°10	17° 8	4°33	22°39	28°25	12°25	11°43	10°48	16°46	T 18
F 19	13 50 36	29°27'34	8828	7° 3	29°30	26°16	19°21	17° 3	4°36	22°37	28°25	12°13	11°40	10°55	16°50	F 19
S 20	13 54 32	0826'03	22°51	8°38	0 <b>Υ</b> 42	27° 1	19°33	16°59	4°39	22°36	28°26	12° 2	11°37	11° 2	16°54	S 20
S 21	13 58 29	1°24'30	6 <b>Ⅱ</b> 49	10°14	1°55	27°46	19°44	16°54	4°42	22°35	28°26	11°52	11°34	11° 8	16°57	S 21
M22	14 2 25	2°22'55	20°21	11°53	3° 8	28°31	19°55	16°50	4°45	22°34	28°26	11°44	11°30	11°15	17° 1	M22
T 23	14 6 22	3°21'18	3925	13°33	4°20	29°16	20° 6	16°46	4°49	22°33	28°26	11°39	11°27	11°22	17° 4	T 23
W24	14 10 18	4°19'39	16° 5	15°15	5°33	0 <b>8</b> 0	20°18	16°41	4°52	22°31	28°27	11°36	11°24	11°28	17° 8	W24
T 25	14 14 15	5°17'57	28°24	16°59	6°46	0°45	20°29	16°37	4°55	22°30	28°27	11°35	11°21	11°35	17°11	T 25
F 26	14 18 11	6°16'14	10 <b>Ω</b> 28	18°44	7°58	1°30	20°41	16°33	4°58	22°29	28°27	11°35	11°18	11°42	17°15	F 26
S 27	14 22 8	7°14'28	22°21	20°32	9°11	2°14	20°52	16°29	5° 1	22°28	28°27	11°35	11°14	11°48	17°18	S 27
S 28	14 26 5	8°12'41	4Mp 9	22°21	10°24	2°59	21° 4	16°24	5° 4	22°27	28°27	11°33	11°11	11°55	17°22	S 28
M29	14 30 1	9°10'51	15°58	24°12	11°36	3°43	21°16	16°20	5° 8	22°26	28°R27	11°30	11° 8	12° 2	17°25	M29
T 30	14 33 58	108 9'00	27 <b>m</b> 51	26 <b>Y</b> 4	12 <b>Y</b> 49	4828	21 <b>II</b> 28	16 <b>♀</b> 16	5 <b>I</b> I11	22 m 25	28 <b>중</b> 27	$11\Omega_{23}$	$11\Omega$ 5	12 m 8	17 <b>Y</b> 29	T 30

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	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl	decl decl	decl lat
M 1 T 2	4n41 5 4	10n37 2n 2 6 54 2 57	7s43 1s36 7 29 1 44	9s38 1s 2 9 13 1 4		22n31 0s15 22 32 0 15		20n51 0s 5 20 51 0 5			16n36 1 16 38 1		
W 3 T 4	5 27 5 50	2 54 3 45 1 s 16 4 22	7 13 1 52 6 55 1 59	8 48 1 7 8 22 1 9		22 33 0 15 22 34 0 15		20 52 0 5 20 52 0 5			16 40 1 16 43 1		
F 5	6 13 6 35	5 26 4 49 9 25 5 2	6 36 2 5 6 15 2 11	7 56 1 11	5 39 0 35	22 35 0 14 22 36 0 14	4 33 2 47		3 59 1 18	23 20 2 53	16 46 1 16 49 1	7 6 10 14	7 32 1 20
S 7	6 58	13 4 5 1	5 52 2 16	7 4 1 15	6 15 0 34	22 37 0 14	4 29 2 47	20 54 0 5	4 0 1 17	23 20 2 53	16 52 1	7 8 10 10	7 34 1 20
M 8 T 9		16 10 4 45 18 32 4 14	5 28 2 21 5 3 2 25		6 51 0 32	22 38 0 14 22 39 0 14	-	20 55 0 5	4 1 1 17 4 2 1 17	23 20 2 53	16 55 1 16 57 1	7 10 10 7	7 37 1 20
W10 T 11	8 27		4 36 2 29 4 8 2 32	5 45 1 20 5 18 1 22	7 26 0 31	22 41 0 14 22 42 0 14	-	20 56 0 5	4 3 1 17	23 21 2 54	16 58 1 16 59 1	7 11 10 3	
F 12 S 13		19 29 1 26 17 26 0 13		4 51 1 24 4 23 1 25		22 43 0 13 22 44 0 13		20 56 0 5 20 57 0 5	-		16 59 1 16 59 1		7 41 1 20 7 43 1 20
S 14 M15		14 17 1s 3 10 11 2 16	2 35 2 38 2 2 2 39	3 56 1 27 3 28 1 28		22 45 0 13 22 46 0 13	4 17 2 47 4 15 2 47	20 57 0 5 20 58 0 5			16 59 1 17 0 1	7 14 9 58 7 15 9 56	
T 16 W17	10 15 10 36	5 26 3 20 0 19 4 12	1 27 2 39 0 51 2 39	3 1 1 29 2 33 1 31		22 47 0 13 22 48 0 13	4 14 2 47 4 12 2 47		4 5 1 17 4 6 1 17	-		7 16 9 54 7 17 9 52	
T 18 F 19	10 57 11 18	4n49 4 46 9 35 5 1	0 14 2 38 0n24 2 37	2 5 1 32 1 37 1 33		22 49 0 13 5 22 50 0 13	4 10 2 47 4 9 2 46					7 18 9 50 7 18 9 49	
S 20 S 21		13 44 4 56				22 51 0 12	4 7 2 46				17 12 1		
M22 T 23	12 19	16 59 4 34 19 11 3 56	2 24 2 30		10 35 0 25	22 52 0 12 22 53 0 12	4 5 2 46 4 4 2 46	21 2 0 5	4 8 1 17	23 22 2 55	17 15 1 17 17 1	7 21 9 43	7 55 1 19
W24	12 59	20 18 3 8 20 20 2 11	3 6 2 27 3 49 2 23	0 43 1 37	11 7 0 23	22 54 0 12 22 55 0 12	4 2 2 46 4 1 2 46	21 3 0 5	4 9 1 17	23 22 2 56	17 19 1 17 19 1	7 23 9 39	7 57 1 19
T 25 F 26 S 27		19 22 1 9 17 32 0 6 14 58 0n57	4 33 2 18 5 17 2 14 6 3 2 8		11 40 0 22	22 56 0 12 22 57 0 12 22 58 0 11	3 59 2 46 3 57 2 46 3 56 2 46	21 4 0 5	4 10 1 17	23 22 2 56	17 20 1 17 20 1 17 20 1	7 25 9 36	8 0 1 19
S 28 M29	14 34	11 48 1 57 8 10 2 51	6 49 2 2 7 36 1 56	3 4 1 39	12 27 0 20	22 59 0 11 22 59 0 11	3 54 2 46 3 53 2 46	21 6 0 5	4 11 1 17	23 23 2 57	17 20 1 17 21 1	7 27 9 30	8 4 1 19
T 30	14n53	4n12 3n39	8n23 1s49	3n32 1s40	12n43 0s20	23n 0 0s11	3 s52 2n46	21n 6 0s 5	4n12 1n17	23 s23 2 s57	17n23 1	7n28 9n28	8 8n 5 1n19

 $\label{eq:Julian Day Number = 2369821.5, Delta T = 22.03 sec} \\ Ecliptic obliquity = 23°28'01, Nutation = -0°00'13, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 21°36'59, Lahiri = 20°43'59Greg. Calendar \\ \\$ 

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Day	Sid.t	0	D	ğ	ρ	ď	4	ħ	)ţ(	#	В	S.	v	Ç	Ŗ	Day
W 1	14 37 54	118 7'06	9 <b>≏</b> 52	27 <b>Y</b> 59	14 <b>Y</b> 2	5 <b>8</b> 12	21 <b>II</b> 40	16°R12	5 <b>Ⅱ</b> 14	22°R24	28°R27	11°R14	11 <b>Q</b> 2	12 <b>m</b> ) 15	17 <b>Y</b> 32	W 1
T 2	14 41 51	12° 5'11	22° 5	29°55	15°15	5°57	21°52	16 <b>♀</b> 8	5°18	22 <b>m</b> 23	28 <b>ප</b> 27	11 <b>0</b> 3	10°59	12°22	17°36	T 2
F 3	14 45 47	13° 3'14	4 <b>M</b> .30	1 <b>8</b> 53	16°27	6°41	22° 4	16° 5	5°21	22°22	28°27	10°50	10°55	12°28	17°39	F 3
S 4	14 49 44	14° 1'15	17° 8	3°52	17°40	7°25	22°16	16° 1	5°24	22°21	28°26	10°37	10°52	12°35	17°42	S 4
S 5	14 53 40	14°59'15	29°59	5°54	18°53	8° 9	22°28	15°57	5°28	22°20	28°26	10°24	10°49	12°42	17°46	S 5
M 6	14 57 37	15°57'13	13 <b>∡</b> 3	7°57	20° 6	8°54	22°40	15°53	5°31	22°20	28°26	10°14	10°46	12°48	17°49	M 6
T 7	15 1 34	16°55'10	26°18	10° 1	21°18	9°38	22°53	15°50	5°34	22°19	28°26	10° 5	10°43	12°55	17°52	T 7
W 8	15 5 30	17°53'06	9 <b>궁</b> 44	12° 7	22°31	10°22	23° 5	15°46	5°38	22°18	28°26	10° 0	10°40	13° 2	17°56	W 8
T 9	15 9 27	18°51'00	23°20	14°14	23°44	11° 6	23°17	15°43	5°41	22°17	28°25	9°58	10°36	13° 8	17°59	T 9
F 10	15 13 23	19°48'53	7≈ 6	16°23	24°57	11°50	23°30	15°39	5°45	22°16	28°25	9°D57	10°33	13°15	18° 2	F 10
S 11	15 17 20	20°46'44	21° 3	18°32	26°10	12°34	23°42	15°36	5°48	22°16	28°25	9°R57	10°30	13°22	18° 6	S 11
S 12	15 21 16	21°44'35	5 <b>₩</b> 11	20°43	27°23	13°17	23°55	15°32	5°51	22°15	28°24	9°56	10°27	13°28	18° 9	S 12
M13	15 25 13	22°42'24	19°28	22°54	28°35	14° 1	24° 8	15°29	5°55	22°14	28°24	9°54	10°24	13°35	18°12	M13
T 14	15 29 9	23°40'12	3 <b>Y</b> 53	25° 5	29°48	14°45	24°20	15°26	5°58	22°14	28°24	9°50	10°20	13°42	18°15	T 14
W15	15 33 6	24°37'59	18°21	27°16	18 1	15°29	24°33	15°23	6° 2	22°13	28°23	9°42	10°17	13°48	18°18	W15
T 16	15 37 3	25°35'45	2 <b>8</b> 48	29°27	2°14	16°12	24°46	15°20	6° 5	22°13	28°23	9°33	10°14	13°55	18°21	T 16
F 17	15 40 59	26°33'29	1 <u>7</u> ° 7	1 <b>II</b> 38	3°27	16°56	24°59	15°17	6° 9	22°12	28°22	9°22	10°11	14° 2	18°24	F 17
S 18	15 44 56	27°31'12	1 <b>I</b> I11	3°48	4°40	17°39	25°11	15°14	6°12	22°12	28°22	9°11	10° 8	14° 8	18°27	S 18
S 19	15 48 52	28°28'54	14°57	5°57	5°53	18°23	25°24	15°12	6°16	22°11	28°21	9° 1	10° 5	14°15	18°30	S 19
M20	15 52 49	29°26'35	28°21	8° 5	7° 6	19° 6	25°37	15° 9	6°19	22°11	28°21	8°53	10° 1	14°22	18°33	M20
T 21	15 56 45	0 <b>Ⅲ</b> 24'14	119522	10°11	8°19	19°50	25°50	15° 6	6°23	22°10	28°20	8°48	9°58	14°28	18°36	T 21
W22	16 0 42	1°21'52	24° 1	12°15	9°32	20°33	26° 3	15° 4	6°26	22°10	28°20	8°45	9°55	14°35	18°39	W22
T 23	16 4 38	2°19'29	$6\Omega 20$	14°18	10°44	21°16	26°16	15° 1	6°30	22°10	28°19	8°D44	9°52	14°42	18°42	T 23
F 24	16 8 35	3°17'03	18°25	16°18	11°57	22° 0	26°30	14°59	6°33	22° 9	28°18	8°44	9°49	14°48	18°45	F 24
S 25	16 12 32	4°14'37	0 <b>m</b> 20	18°16	13°10	22°43	26°43	14°57	6°37	22° 9	28°18	8°R44	9°46	14°55	18°48	S 25
S 26	16 16 28	5°12'09	12°10	20°12	14°23	23°26	26°56	14°55	6°40	22° 9	28°17	8°44	9°42	15° 2	18°51	S 26
M27	16 20 25	6° 9'40	24° 0	22° 5	15°36	24° 9	27° 9	14°53	6°44	22° 9	28°16	8°42	9°39	15° 8	18°53	M27
T 28	16 24 21	7° 7'09	5 <b>≙</b> 57	23°56	16°49	24°52	27°22	14°51	6°47	22° 8	28°15	8°38	9°36	15°15	18°56	T 28
W29	16 28 18	8° 4'37	18° 3	25°44	18° 2	25°35	27°36	14°49	6°51	22° 8	28°15	8°32	9°33	15°22	18°59	W29
T 30	16 32 14	9° 2'04	0 <b>M</b> 22	27°29	19°15	26°18	27°49	14°47	6°55	22° 8	28°14	8°24	9°30	15°28	19° 1	T 30
F 31	16 36 11	9 <b>Ⅱ</b> 59'30	12 <b>M</b> 58	29∏12	20 <b>8</b> 28	27 <b>8</b> 0	28 <b>II</b> 2	14 <b>Ω</b> 45	6 <b>Ⅱ</b> 58	22 Mp 8	28 <b>ට</b> 13	8 <b>Ω</b> 15	9Ω26	15 <b>m</b> 35	19 <b>Ƴ</b> 4	F 31

Day	0	D	ğ	·	♂	4	ħ	)∤(	<del>1</del> f	Р	v v	Ç	ķ
	decl	decl lat	decl lat	decl lat dec	lat d	decl lat	decl lat	decl lat	decl lat	decl lat	decl dec	decl	decl lat
W 1 T 2	15n11 15 29	0n 1 4n17 4s13 4 44	9n11 1s42 10 0 1 34				3 s50 2n45 3 49 2 45	21n 7 0s 5 21 8 0 5			17n25 17n2 17 29 17 3		8n 6 1n19 8 8 1 19
F 3 S 4	15 46 16 4		10 48 1 25 11 37 1 17				3 47 2 45 3 46 2 45				17 32 17 3 17 36 17 3		8 9 1 19 8 10 1 19
S 5 M 6 T 7	16 38	18 12 4 13	12 26 1 8 13 15 0 58	6 20 1 39 14 1	0 16 23	5 0 10	3 45 2 45 3 43 2 45	21 10 0 5	4 14 1 17	23 24 2 58	17 39 17 3 17 42 17 3	9 17	8 11 1 19 8 13 1 19
W 8 T 9		20 1 1 27	14 53 0 39 15 41 0 28	7 15 1 39 14 4 7 42 1 38 14 5	3 0 14 23 7 0 14 23	7 0 10 8 0 10	3 41 2 44	21 11 0 5 21 11 0 5 21 12 0 5	4 14 1 17	23 24 2 58 23 25 2 58	17 44 17 3 17 46 17 3 17 46 17 3	5 9 13 6 9 11	8 14 1 19 8 15 1 19 8 16 1 19
F 10 S 11	17 43 17 58	15 25 0s59	16 28 0 18 17 15 0 8	8 8 36 1 37 15 2	0 13 23	9 0 10	3 37 2 44	21 13 0 5 21 13 0 5	4 15 1 17	23 25 2 59	17 47 17 3 17 47 17 3	9 8	8 19 1 18
S 12 M13 T 14	18 13 18 28 18 43	11 38 2 9 7 8 3 13 2 12 4 5	18 44 0 14	9 29 1 36 15 5		11 0 10	3 35 2 44	21 14 0 5 21 14 0 5 21 15 0 5		23 26 2 59	17 47 17 3 17 47 17 3 17 48 17 4	9 4	8 20 1 18 8 21 1 18 8 22 1 18
W15 T 16 F 17	18 57 19 11 19 24		20 8 0 34 20 47 0 44 21 24 0 54	10 48 1 34 16 3	0 9 23	13 0 9	3 33 2 43 3 32 2 43 3 31 2 43	21 16 0 5		23 26 3 0	17 50 17 4 17 53 17 4 17 56 17 4	2 8 58	8 23 1 18 8 25 1 18 8 26 1 18
S 18 S 19	19 38	15 51 4 40		11 39 1 32 16 5	0 8 23	14 0 9	3 30 2 43	21 17 0 5	4 16 1 17	23 27 3 0	17 59 17 4 18 1 17 4	8 54	8 27 1 18 8 28 1 18
M20 T 21		20 10 3 17		12 29 1 29 17 2	0 7 23	1. 0	3 29 2 42	21 18 0 5 21 19 0 5 21 19 0 5	4 17 1 17	23 27 3 0	18 3 17 4 18 5 17 4	8 51	8 29 1 18 8 30 1 18
W22 T 23 F 24	20 27 20 39 20 50	18 30 0 13	23 53 1 36 24 14 1 43 24 34 1 49	13 43 1 25 18	0 5 23	16 0 9 16 0 9 17 0 8	3 27 2 42 3 26 2 42 3 26 2 41	21 20 0 5	4 17 1 16	23 28 3 1	18 6 17 4 18 6 17 4 18 6 17 4	8 45	8 31 1 18 8 32 1 18 8 33 1 18
S 25	21 1	13 8 1 53	24 50 1 54	14 30 1 23 18 2	0 4 23	17 0 8	3 25 2 41	21 22 0 5	4 17 1 16	23 29 3 1	18 6 17 5	8 41	8 34 1 18
M27	21 12 21 22 21 31	5 42 3 37	25 4 1 58 25 16 2 2 25 24 2 5	15 16 1 20 18 4	0 2 23	18 0 8	3 24 2 41		4 17 1 16	23 29 3 1	18 6 17 5 18 6 17 5 18 7 17 5	8 37	8 36 1 18 8 37 1 18 8 38 1 18
W29 T 30	21 41 21 50	2 s41 4 46	25 31 2 7 25 35 2 9	16 0 1 16 19 1	0 1 23	19 0 8 19 0 8	3 23 2 40 3 22 2 40	21 24 0 5 21 25 0 5	4 17 1 16	23 30 3 2	18 9 17 5 18 11 17 5	8 33	8 39 1 18 8 40 1 18
F 31	21n58	10 s 55 5n 4	25n37 2n 9	16n43 1s13 19n3	0n 0 231	n19 0s 8	3 s22 2n40	21n25 0s 5	4n17 1n16	23 s31 3 s 2	18n13 17n5	5 8n29	8n41 1n18

Julian Day Number = 2369851.5, Delta T = 22.03 sec Ecliptic obliquity =  $23^{\circ}28'00$ , Nutation = -  $0^{\circ}00'14$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $21^{\circ}37'03$ , Lahiri =  $20^{\circ}44'03$ Greg. Calendar

JUNE 1776 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	24	ħ	)Å(	卉	Р	n	Ω	Ç	ķ	Day
S 1	16 40 7	10 <b>П</b> 56'54	25 <b>M</b> 51	0952	21841	27 <b>8</b> 43	28 <b>II</b> 16	14°R44	7 <b>Ⅱ</b> 2	22°R 8	28°R12	8°R 5	9 <b>Ω</b> 23	15 <b>m</b> 42	19 <b>Ƴ</b> 7	S 1
S 2	16 44 4	11°54'18	9 <b>₹</b> 0	2°29	22°54	28°26	28°29	14 <b>₽</b> 42	7° 5	22°D 8	28 <b>ਰ</b> 11	7 <b>Ω</b> 55	9°20	15°49	19° 9	S 2
M 3	16 48 1	12°51'41	22°26	4° 3	24° 7	29° 9	28°42	14°41	7° 9	22 Mp 8	28°10	7°47	9°17	15°55	19°12	M 3
T 4	16 51 57	13°49'03	6 <b>ප</b> 4	5°35	25°20	29°51	28°56	14°40	7°12	22° 8	28°10	7°41	9°14	16° 2	19°14	T 4
W 5	16 55 54	14°46'24	19°53	7° 4	26°33	0Д34	29° 9	14°38	7°16	22° 8	28° 9	7°38	9°11	16° 9	19°16	W 5
T 6	16 59 50	15°43'45	3≈51	8°29	27°47	1°16	29°23	14°37	7°19	22° 8	28° 8	7°D37	9° 7	16°15	19°19	T 6
F 7	17 3 47	16°41'05	17°54	9°52	29° 0	1°59	29°36	14°36	7°23	22° 8	28° 7	7°37	9° 4	16°22	19°21	F 7
S 8	17 7 43	17°38'25	2 <b>∺</b> 1	11°12	0 <b>П</b> 13	2°41	29°50	14°35	7°26	22° 9	28° 6	7°38	9° 1	16°29	19°23	S 8
S 9	17 11 40	18°35'44	16°10	12°29	1°26	3°23	0ණ 3	14°35	7°30	22° 9	28° 5	7°R39	8°58	16°35	19°26	S 9
M10	17 15 36	19°33'03	0 <b>Υ</b> 21	13°43	2°39	4° 6	0°17	14°34	7°33	22° 9	28° 4	7°38	8°55	16°42	19°28	M10
T 11	17 19 33	20°30'21	14°31	14°54	3°52	4°48	0°30	14°33	7°37	22° 9	28° 3	7°36	8°52	16°49	19°30	T 11
W12	17 23 30	21°27'39	28°37	16° 1	5° 5	5°30	0°44	14°33	7°40	22°10	28° 2	7°32	8°48	16°55	19°32	W12
T 13	17 27 26	22°24'57	12838	17° 6	6°18	6°12	0°57	14°32	7°43	22°10	28° 0	7°26	8°45	17° 2	19°34	T 13
F 14	17 31 23	23°22'14	26°30	18° 7	7°32	6°54	1°11	14°32	7°47	22°10	27°59	7°19	8°42	17° 9	19°36	F 14
S 15	17 35 19	24°19'32	10 <b>I</b> 9	19° 5	8°45	7°36	1°25	14°32	7°50	22°11	27°58	7°12	8°39	17°15	19°38	S 15
S 16	17 39 16	25°16'48	23°33	19°59	9°58	8°18	1°38	14°32	7°54	22°11	27°57	7° 6	8°36	17°22	19°40	S 16
M17	17 43 12	26°14'05	6940	20°50	11°11	9° 0	1°52	14°D32	7°57	22°12	27°56	7° 1	8°32	17°29	19°42	M17
T 18	17 47 9	27°11'20	19°29	21°37	12°25	9°42	2° 5	14°32	8° 1	22°12	27°55	6°57	8°29	17°35	19°44	T 18
W19	17 51 6	28° 8'35	2 <b>N</b> 0	22°21	13°38	10°24	2°19	14°32	8° 4	22°13	27°54	6°D56	8°26	17°42	19°46	W19
T 20	17 55 2	29° 5'50	14°16	23° 0	14°51	11° 6	2°33	14°32	8° 7	22°13	27°52	6°56	8°23	17°49	19°48	T 20
F 21	17 58 59	09 3'04	26°19	23°36	16° 4	11°47	2°46	14°33	8°11	22°14	27°51	6°57	8°20	17°55	19°49	F 21
S 22	18 2 55	1° 0'18	8 <b>m</b> 13	24° 7	17°18	12°29	3° 0	14°33	8°14	22°14	27°50	6°59	8°17	18° 2	19°51	S 22
S 23	18 6 52	1°57'31	20° 4	24°34	18°31	13°11	3°14	14°34	8°17	22°15	27°49	7° 0	8°13	18° 9	19°53	S 23
M24	18 10 48	2°54'43	1 <b>≏</b> 56	24°57	19°44	13°52	3°27	14°34	8°21	22°16	27°48	7°R 1	8°10	18°15	19°54	M24
T 25	18 14 45	3°51'55	13°53	25°15	20°58	14°34	3°41	14°35	8°24	22°16	27°46	7° 0	8° 7	18°22	19°56	T 25
W26	18 18 41	4°49'07	26° 1	25°29	22°11	15°15	3°55	14°36	8°27	22°17	27°45	6°58	8° 4	18°29	19°57	W26
T 27	18 22 38	5°46'18	8M23	25°39	23°24	15°56	4° 8	14°37	8°30	22°18	27°44	6°55	8° 1	18°35	19°59	T 27
F 28	18 26 35	6°43'29	21° 4	25°43	24°38	16°38	4°22	14°38	8°34	22°19	27°42	6°51	7°57	18°42	20° 0	F 28
S 29	18 30 31	7°40'39	4 <b>√</b> 5	25°R43	25°51	17°19	4°35	14°39	8°37	22°20	27°41	6°47	7°54	18°49	20° 1	S 29
S 30	18 34 28	8937'50	17 <b>∡</b> 728	25939	27 <b>II</b> 5	18 <b>I</b> I 0	49549	14 <b>Ω</b> 41	8 <b>Ⅱ</b> 40	22 m/20	27 <b>云</b> 40	6Ω42	7 <b>Ω</b> 51	18 <b>m</b> 55	20 <b>°</b> 2	S 30

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	decl	decl la	at	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 7	14 s32	4n50	25n37	2n 9	17n 4	1 s 1 1	9n41	0n 1	23n20	0 s 8	3 s21	2n40	21n26	0s 5	4n17	1n16	23 s31	3 s 2	18n16	17n55	8n27	8n42	1n18
S 2	22 15	17 31	4 22	25 35	2 8	17 24	1 9 1	9 52	0 2	23 20	0 7	3 21	2 39	21 27	0 5	4 17	1 16	23 31	3 2	18 18	17 56	8 26	8 42	1 18
M 3			3 38		-	17 44		20 2	0 2		0 7	3 21	2 39		0 5	4 17	1 16		3 2	_		8 24	8 43	1 18
T 4			2 41			18 4		20 11		23 20	0 7	3 21	2 39			4 17	1 16			18 22		8 22	8 44	1 18
W 5 T 6			1 34 2 0 20			18 23 18 41		20 21 20 30		23 21 23 21	0 7	-	2 39	21 28 21 29		4 17 4 17	1 16 1 16		3 3 3	-		8 20 8 18	8 45 8 46	1 18 1 18
F 7			0 s55			18 59		20 40		23 21	0 7	-		21 29		4 17		23 33		18 23		8 16	8 47	1 18
S 8	22 53		2 8			19 17	0 57 2	-		23 21	0 7	3 20		21 30		4 17		23 33		18 23		8 14	8 48	1 18
S 9	22 59	8 25	3 13	24 33	1 40	19 34	0 55 2	20 57	0 6	23 21	0 7	3 20	2 38	21 31	0 5	4 17	1 16	23 34	3 3	18 23	18 2	8 12	8 49	1 18
M10	23 3	3 37	4 6	24 19	1 33	19 51	0 53 2	21 6	0 7	23 21	0 7	3 20	2 37	21 31	0 5	4 17	1 16	23 34	3 3	18 23	18 3	8 10	8 50	1 18
T 11	23 8			24 3	-	20 7	0 51 2		0 7		0 7	3 20		21 32		4 17	1 16		3 4			8 8	8 50	1 18
W12	23 11			23 47	1 18 2			21 23	0 8	_	0 6	3 20	2 37			4 16	1 16		3 4			8 6	8 51	1 18
T 13 F 14	-		5 7 2	23 30	1 9 2 0 59 2	20 37	0 47 2			23 21	0 6	3 20	2 37			4 16	1 16		3 4			8 4	8 52	1 18
	23 18 23 21		4 19		0 39 2		0 44 2			23 21 23 21	0 6	-	2 36	21 33 21 34		4 16 4 16		23 35 23 36		18 28 18 30		8 2 8 0	8 53 8 53	1 18 1 18
S 16	23 23		3 33		0 38 2		0 40 2			23 21	0 6			21 35		4 16		23 36		18 31		7 58	8 54	1 18
M17	23 25		2 37		0 38 2		0 37 2			23 21	0 6	-		21 35	-	4 15		23 37		18 32	-	7 56	8 55	1 18
	23 26		1 33		0 15 2	-	0 37 2			23 21	0 6	-	2 35			4 15	1 16			18 33	-	7 54	8 56	1 18
	23 27		0 27			21 55	0 33 2			23 21	0 6	3 21	2 35			4 15	1 16		3 5			7 52	8 56	1 18
T 20	23 28	17 12	0n40	21 19	0s11 2	22 6	0 30 2	22 21	0 13	23 21	0 6	3 21	2 35	21 37	0 4	4 15	1 15	23 38	3 5	18 34	18 11	7 50	8 57	1 18
F 21			1 44			22 16	0 28 2			23 21	0 6	_	2 35			4 15						7 48	8 58	1 18
S 22	23 28	11 0	2 42	20 41	0 39 2	22 26	0 26 2	22 34	0 15	23 20	0 5	3 22	2 34	21 38	0 4	4 14	1 15	23 38	3 5	18 33	18 13	7 46	8 58	1 18
S 23	23 27		3 34		0 53 2		0 23 2			23 20	0 5			21 38		4 14		23 39		18 33	-	7 44	8 59	1 18
M24	23 26		-	20 3	1 8 2			22 45		23 20	0 5	3 23	2 34		-	4 14	1 15			18 32		7 42	8 59	1 18
T 25	23 25			19 45	1 23 2		0 18 2			23 20	0 5	3 24	2 34			4 13	1 15			18 33		7 40	9 0	1 18
W26 T 27	23 23 23 20		5 7 5 13	19 27	1 39 2	22 58	0 16 2 0 13 2			23 19 23 19	0 5	3 24 3 25	2 33	21 40 21 41	0 4 0 4	4 13 4 13				18 33 18 34		7 38 7 36	9 0 9 1	1 18 1 18
F 28			-	18 54	2 10 2	-	0 13 2			23 19	0 5			21 41	0 4	4 13	-			18 35		7 34	9 1	1 18
_		-	4 38		2 26 2	-		23 11		23 18	0 5			21 42	-	4 12	-	23 41		18 36		7 32	9 2	1 18
S 30	23n11	18 s 5 6	3n57	18n24	2 s41 2	23n20	0s 6 2	23n15	0n20	23n18	0s 5	3 s27	2n32	21n42	0s 4	4n12	1n15	23 s41			18n20	7n30	9n 3	1n18

Julian Day Number = 2369882.5, Delta T = 22.04 sec Ecliptic obliquity =  $23^{\circ}28'00$ , Nutation = -  $0^{\circ}00'14$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $21^{\circ}37'07$ , Lahiri =  $20^{\circ}44'08$ Greg. Calendar

JULY 1776 00:00 UT

Day	Sid.t	0	D	ğ	·	ď	4	ħ	)∤(	¥	В	n	Ω	Ç	ķ	Day
M 1	18 38 24	9935'00	1ਰ11	25°R30	28 <b>I</b> I18	18 <b>II</b> 41	599 3	14 <b>Ω</b> 42	8 <b>П</b> 43	22 m/21	27°R38	6°R39	7 <b>Ω</b> 48	19 <b>m</b> ) 2	20Υ 4	M 1
T 2	18 42 21	10°32'11	15°11	25916	29°31	19°23	5°16	14°43	8°46	22°22	27 <b>중</b> 37	6Ω36	7°45	19° 9	20° 5	T 2
W 3	18 46 17	11°29'21	29°25	24°58	09945	20° 4	5°30	14°45	8°49	22°23	27°36	6°35	7°42	19°15	20° 6	W 3
T 4	18 50 14	12°26'32	13≈49	24°36	1°58	20°45	5°43	14°47	8°52	22°24	27°34	6°D35	7°38	19°22	20° 7	T 4
F 5	18 54 10	13°23'42	28°16	24°10	3°12	21°26	5°57	14°48	8°56	22°25	27°33	6°36	7°35	19°29	20°8	F 5
S 6	18 58 7	14°20'54	12 <b>) (</b> 43	23°40	4°25	22° 7	6°11	14°50	8°59	22°26	27°32	6°37	7°32	19°36	20° 9	S 6
S 7	19 2 4	15°18'05	27° 6	23° 8	5°39	22°47	6°24	14°52	9° 2	22°27	27°30	6°38	7°29	19°42	20°10	S 7
M 8	19 6 0	16°15'17	11 <b>Y</b> 21	22°33	6°52	23°28	6°38	14°54	9° 5	22°28	27°29	6°R39	7°26	19°49	20°11	M 8
T 9	19 9 57	17°12'30	25°26	21°55	8° 6	24° 9	6°51	14°56	9°8	22°30	27°28	6°39	7°23	19°56	20°12	T 9
W10	19 13 53	18° 9'43	9 <b>8</b> 20	21°17	9°20	24°50	7° 5	14°59	9°10	22°31	27°26	6°38	7°19	20° 2	20°12	W10
T 11	19 17 50	19° 6'57	23° 1	20°37	10°33	25°30	7°18	15° 1	9°13	22°32	27°25	6°36	7°16	20° 9	20°13	T 11
F 12	19 21 46	20° 4'11	6 <b>П</b> 29	19°58	11°47	26°11	7°32	15° 3	9°16	22°33	27°23	6°34	7°13	20°16	20°14	F 12
S 13	19 25 43	21° 1'26	19°43	19°19	13° 1	26°52	7°45	15° 6	9°19	22°34	27°22	6°32	7°10	20°22	20°14	S 13
S 14	19 29 39	21°58'42	29542	18°41	14°14	27°32	7°58	15° 9	9°22	22°36	27°20	6°30	7° 7	20°29	20°15	S 14
M15	19 33 36	22°55'58	15°28	18° 5	15°28	28°13	8°12	15°11	9°25	22°37	27°19	6°29	7° 3	20°36	20°15	M15
T 16	19 37 33	23°53'14	28° 0	17°31	16°42	28°53	8°25	15°14	9°28	22°38	27°18	6°28	7° 0	20°42	20°16	T 16
W17	19 41 29	24°50'31	10 <b>Ω</b> 19	17° 1	17°55	29°33	8°39	15°17	9°30	22°40	27°16	6°D28	6°57	20°49	20°16	W17
T 18	19 45 26	25°47'49	22°27	16°35	19° 9	09514	8°52	15°20	9°33	22°41	27°15	6°28	6°54	20°56	20°17	T 18
F 19	19 49 22	26°45'07	4 Mp 26	16°12	20°23	0°54	9° 5	15°23	9°36	22°42	27°13	6°29	6°51	21° 2	20°17	F 19
S 20	19 53 19	27°42'25	16°19	15°55	21°37	1°34	9°18	15°26	9°38	22°44	27°12	6°30	6°48	21° 9	20°17	S 20
S 21	19 57 15	28°39'44	28° 9	15°42	22°51	2°14	9°32	15°29	9°41	22°45	27°11	6°31	6°44	21°16	20°17	S 21
M22	20 1 12	29°37'03	10☎ 0	15°35	24° 4	2°54	9°45	15°33	9°43	22°47	27° 9	6°31	6°41	21°22	20°17	M22
T 23	20 5 8	0 <b>Ω</b> 34'22	21°57	15°D34	25°18	3°34	9°58	15°36	9°46	22°48	27° 8	6°32	6°38	21°29	20°R17	T 23
W24	20 9 5	1°31'42	4M 3	15°39	26°32	4°14	10°11	15°40	9°48	22°50	27° 6	6°R32	6°35	21°36	20°17	W24
T 25	20 13 2	2°29'03	16°24	15°49	27°46	4°54	10°24	15°43	9°51	22°51	27° 5	6°32	6°32	21°43	20°17	T 25
F 26	20 16 58 20 20 55	3°26'24 4°23'46	29° 4 12 <b>×7</b> 6	16° 6 16°29	29° 0 0 <b>Ω</b> 14	5°34 6°14	10°37 10°50	15°47 15°51	9°53 9°56	22°53 22°54	27° 3 27° 2	6°31 6°31	6°29 6°25	21°49 21°56	20°17 20°17	F 26 S 27
S 27						-				-	-					
S 28	20 24 51	5°21'08	25°33	16°58	1°28	6°54	11° 3	15°54	9°58	22°56	27° 1	6°31	6°22	22° 3	20°17	S 28
M29	20 28 48	6°18'31	9 <b>궁</b> 24	17°34	2°42	7°34	11°16	15°58	10° 0	22°58	26°59	6°D31	6°19	22° 9	20°17	M29
T 30	20 32 44	7°15'55	23°38	18°16	3°56	8°13	11°29	16° 2	10° 3	22°59	26°58	6°31	6°16	22°16	20°16	T 30
W31	20 36 41	8 <b>Ω</b> 13'19	8≈11	1995 3	5 <b>Ω</b> 10	8 <b>9</b> 53	119942	16 <b>♀</b> 6	10 <b>I</b> 5	23 mg 1	26 <b>ප</b> 56	6°R31	6 <b>Ω</b> 13	22 Mp 23	20 <b>Υ</b> 16	W31

Day	0	D	ğ	φ ,	3'	4	ħ	)Å(	卉	Р	v v	Ç	ķ
	decl	decl lat	decl lat	decl lat decl	lat dec	el lat	decl lat	decl lat	decl lat	decl lat	decl decl	decl	decl lat
M 1 T 2 W 3	23n 7 23 3 22 58	20 42 1 55 19 39 0 39	17 58 3 12 17 47 3 20		0 21 23 1 0 22 23 1	7 0 4 7 0 4	3 29 2 32 3 29 2 32	21n43 0s 4 21 43 0 4 21 44 0 4	4 11 1 15 4 10 1 15	23 42 3 6 23 43 3 6		7 26 7 24	9n 3 1n18 9 3 1 18 9 4 1 18
T 4 F 5 S 6	22 53 22 47 22 42	13 55 1 57 9 39 3 6	17 22 4	3 23 32 0 6 23 34 5 23 32 0 9 23 37	0 24 23 1	6 0 4 5 0 4		21 44 0 4 21 45 0 4		23 43 3 7 23 44 3 7	18 39 18 23 18 39 18 24 18 38 18 24		9 4 1 18 9 5 1 18 9 5 1 18
S 7 M 8 T 9 W10 T 11 F 12	22 35 22 29 22 21 22 14 22 6	0n 7 4 45 5 2 5 9 9 38 5 15 13 40 5 3	17 12 4 20 17 9 4 33 17 8 4 43 17 8 4 43	7 23 32 0 11 23 40 6 23 31 0 13 23 45 5 23 29 0 16 23 46 2 23 26 0 18 23 48 8 23 23 0 20 23 50 2 23 19 0 23 23 52	0 25 23 1 0 25 23 1	4 0 4 4 0 4 3 0 4 2 0 4	3 36 2 30	21 46 0 4 21 46 0 4 21 47 0 4 21 47 0 4	4 8 1 15	23 45 3 7 23 45 3 7 23 45 3 7 23 46 3 7	18 38 18 25 18 38 18 26 18 38 18 27 18 38 18 28 18 39 18 29 18 39 18 29	7 16 7 14 7 12 7 10 7 8 7 6	9 5 1 18 9 6 1 18 9 6 1 18 9 6 1 18 9 7 1 18 9 7 1 18
S 13 S 14 M15	21 49 21 40 21 31	19 14 3 51 20 30 2 56 20 41 1 54	17 13 4 54 17 17 4 55 17 23 4 54	4 23 15 0 25 23 54 5 23 9 0 27 23 55 4 23 3 0 30 23 57	0 28 23 1 0 29 23 1 0 29 23 1	1 0 3 0 0 3 0 0 3	3 40 2 29 3 41 2 29 3 42 2 29	21 48 0 4 21 49 0 4 21 49 0 4	4 6 1 15 4 5 1 15 4 5 1 15	23 46 3 7 23 47 3 8 23 47 3 8	18 40 18 30 18 40 18 31 18 41 18 32	7 4 7 2 7 0	9 7 1 18 9 7 1 18 9 7 1 18 9 7 1 18
T 16 W17 T 18 F 19 S 20	21 21 21 11 21 1 20 50 20 39	15 25 1 28 12 12 2 29	17 38 4 4 17 47 4 4 17 57 4 34	7 22 50 0 34 23 58	0 31 23 0 31 23 0 32 23	9 0 3 8 0 3 7 0 3 6 0 3 6 0 3	3 44 2 28 3 45 2 28 3 46 2 28 3 48 2 28 3 49 2 27	21 50 0 4 21 50 0 4	4 4 1 15 4 4 1 15 4 3 1 15 4 2 1 15 4 2 1 15		18 41 18 33 18 41 18 33 18 41 18 34 18 40 18 35 18 40 18 36	6 55 6 53 6 51	9 8 1 18 9 8 1 18 9 8 1 18 9 8 1 18 9 8 1 18
S 21 M22 T 23 W24 T 25 F 26	20 27 20 15 20 3 19 51 19 38	0 23 4 44 3 s48 5 7 7 54 5 17 11 46 5 13	18 31 4 4 18 43 3 52 18 55 3 39 19 7 3 20	5 22 14 0 42 24 0 4 22 3 0 44 24 0 2 21 52 0 46 23 59 9 21 40 0 48 23 59 6 21 27 0 50 23 58 1 21 14 0 52 23 57	0 34 23 0 34 23 0 35 23 0 36 23	5 0 3 4 0 3 3 0 2 2 0 2 1 0 2 0 0 2	3 51 2 27 3 52 2 27 3 54 2 27 3 55 2 26 3 57 2 26 3 58 2 26	21 52 0 4 21 53 0 4 21 53 0 4	4 1 1 15 4 0 1 15 3 59 1 14 3 59 1 14	23 50 3 8 23 50 3 8 23 51 3 8 23 51 3 9	18 40 18 38 18 40 18 39 18 40 18 40	6 41	9 8 1 18 9 8 1 18
S 27 S 28 M29	19 11 18 57 18 43	18 0 4 18 19 55 3 28 20 43 2 25	19 32 2 5° 19 43 2 4 19 54 2 20	7 21 0 0 54 23 56 1 20 46 0 56 23 55 6 20 31 0 58 23 53	0 37 22 5 0 37 22 5 0 38 22 5	59     0     2       58     0     2       57     0     2	4 0 2 26 4 2 2 25 4 3 2 25	21 54 0 4 21 54 0 4 21 54 0 4	3 57 1 14 3 57 1 14 3 56 1 14	23 52 3 9 23 52 3 9 23 52 3 9	18 40 18 41 18 40 18 42 18 40 18 43	6 35 6 33 6 31	9 8 1 18 9 8 1 18 9 8 1 18
T 30 W31		20 14 1 11 18 s 23 0 s 9	· ·	0 20 15 0 59 23 51 4 19n59 1n 1 23n49	0 39 22 5 0n39 22n5			21 55 0 4 21n55 0s 4			18 40 18 44 18n40 18n44		9 8 1 18 9n 7 1n18

 $\label{eq:Julian Day Number = 2369912.5, Delta T = 22.05 sec} \\ Ecliptic obliquity = 23°28'00, Nutation = -0°00'13, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 21°37'11, Lahiri = 20°44'12Greg. Calendar$ 

AUGUST 1776 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ	)ф(	并	Р	S.	ಜಿ	Ç	Ŷ,	Day
T 1	20 40 37	9Ω10'45	22≈58	19957	6 <b>Ω</b> 24	9933	119555	16 <b>₽</b> 10	10耳 7	23 m/ 3	26°R55	6°R31	6 <b>N</b> 9	22 <b>m</b> 29	20°R15	T 1
F 2	20 44 34	10° 8'11	7 <b>)</b> 51	20°57	7°38	10°12	12° 8	16°15	10° 9	23° 5	26 <b>궁</b> 54	$6\Omega$ 31	6° 6	22°36	20 <b>Υ</b> 15	F 2
S 3	20 48 31	11° 5'39	22°43	22° 3	8°52	10°52	12°20	16°19	10°11	23° 6	26°52	6°30	6° 3	22°43	20°14	S 3
S 4	20 52 27	12° 3'08	7 <b>Υ</b> 26	23°14	10° 6	11°31	12°33	16°23	10°13	23° 8	26°51	6°30	6° 0	22°49	20°14	S 4
M 5	20 56 24	13° 0'38	21°54	24°31	11°20	12°10	12°46	16°28	10°15	23°10	26°50	6°29	5°57	22°56	20°13	M 5
T 6	21 0 20	13°58'09	6 <b>8</b> 5	25°53	12°34	12°50	12°58	16°32	10°17	23°12	26°48	6°29	5°54	23° 3	20°12	T 6
W 7	21 4 17	14°55'43	19°56	27°21	13°48	13°29	13°11	16°37	10°19	23°13	26°47	6°D29	5°50	23° 9	20°12	W 7
T 8	21 8 13	15°53'17	3 <b>Ⅱ</b> 27	28°52	15° 2	14° 8	13°23	16°42	10°21	23°15	26°46	6°29	5°47	23°16	20°11	T 8
F 9	21 12 10	16°50'53	16°39	0 <b>Ω</b> 29	16°16	14°48	13°35	16°46	10°23	23°17	26°44	6°30	5°44	23°23	20°10	F 9
S 10	21 16 6	17°48'31	29°34	2° 9	17°30	15°27	13°48	16°51	10°25	23°19	26°43	6°31	5°41	23°29	20° 9	S 10
S 11	21 20 3	18°46'10	129513	3°53	18°45	16° 6	14° 0	16°56	10°27	23°21	26°42	6°32	5°38	23°36	20° 8	S 11
M12	21 24 0	19°43'50	24°40	5°41	19°59	16°45	14°12	17° 1	10°29	23°23	26°40	6°33	5°35	23°43	20° 7	M12
T 13	21 27 56	20°41'32	$6\Omega$ 56	7°31	21°13	17°24	14°25	17° 6	10°30	23°25	26°39	6°R33	5°31	23°50	20° 6	T 13
W14	21 31 53	21°39'15	19° 2	9°24	22°27	18° 3	14°37	17°11	10°32	23°27	26°38	6°33	5°28	23°56	20° 5	W14
T 15	21 35 49	22°36'59	1 Mp 2	11°19	23°42	18°42	14°49	17°16	10°33	23°29	26°37	6°31	5°25	24° 3	20° 4	T 15
F 16	21 39 46	23°34'45	12°55	13°16	24°56	19°21	15° 1	17°21	10°35	23°31	26°35	6°29	5°22	24°10	20° 3	F 16
S 17	21 43 42	24°32'32	24°46	15°14	26°10	19°59	15°13	17°27	10°37	23°33	26°34	6°27	5°19	24°16	20° 1	S 17
S 18	21 47 39	25°30'20	6 <b>₽</b> 36	17°13	27°24	20°38	15°25	17°32	10°38	23°35	26°33	6°24	5°15	24°23	20° 0	S 18
M19	21 51 35	26°28'09	18°27	19°13	28°39	21°17	15°36	17°37	10°39	23°37	26°32	6°21	5°12	24°30	19°59	M19
T 20	21 55 32	27°26'00	0 <b>M</b> 23	21°13	29°53	21°55	15°48	17°43	10°41	23°39	26°30	6°18	5° 9	24°36	19°57	T 20
W21	21 59 29	28°23'52	12°29	23°13	1 <b>m</b> y 7	22°34	16° 0	17°48	10°42	23°41	26°29	6°16	5° 6	24°43	19°56	W21
T 22	22 3 25	29°21'45	24°47	25°13	2°22	23°13	16°11	17°54	10°43	23°43	26°28	6°D15	5° 3	24°50	19°54	T 22
F 23	22 7 22	0 <b>m</b> 19'40	7 <b>.</b> ₹23	27°13	3°36	23°51	16°23	18° 0	10°45	23°45	26°27	6°15	5° 0	24°56	19°53	F 23
S 24	22 11 18	1°17'36	20°20	29°11	4°50	24°30	16°34	18° 5	10°46	23°47	26°26	6°16	4°56	25° 3	19°51	S 24
S 25	22 15 15	2°15'33	3 <b>ਰ</b> 41	1 <b>m</b> p 10	6° 5	25° 8	16°46	18°11	10°47	23°49	26°25	6°18	4°53	25°10	19°49	S 25
M26	22 19 11	3°13'32	17°30	3° 7	7°19	25°46	16°57	18°17	10°48	23°51	26°24	6°19	4°50	25°17	19°48	M26
T 27	22 23 8	4°11'31	1≈45	5° 3	8°34	26°25	17° 8	18°23	10°49	23°53	26°23	6°R20	4°47	25°23	19°46	T 27
W28	22 27 4	5° 9'33	16°25	6°59	9°48	27° 3	17°19	18°29	10°50	23°55	26°22	6°20	4°44	25°30	19°44	W28
T 29	22 31 1	6° 7'36	1 <b>)</b> 24	8°53	11° 2	27°41	17°30	18°35	10°51	23°58	26°21	6°18	4°41	25°37	19°42	T 29
F 30	22 34 58	7° 5'40	16°35	10°46	12°17	28°19	17°41	18°41	10°52	24° 0	26°20	6°15	4°37	25°43	19°41	F 30
S 31	22 38 54	8Mp 3'46	1 <b>Ƴ</b> 47	12 <b>m</b> 38	13 <b>m</b> 31	28957	179552	18 <b>≏</b> 47	10耳53	24 Mg 2	26 <b>ප</b> 19	6 <b>Ω</b> 11	4 <b>Ω</b> 34	25 <b>m</b> 50	19 <b>Y</b> 39	S 31

Day	0	D	ğ	9	♂	4	ħ	)Å(	<del>1</del> f	Р	w v	Ç	ķ
	decl	decl lat	decl lat	decl lat de	cl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl de	el decl	decl lat
T 1 F 2 S 3	17n59 17 43 17 28	11 11 2 45	20 28 1 2	9 19n42 1n 3 23n 3 19 25 1 4 23 7 19 7 1 6 23	0 41	22n54 0s 2 22 53 0 2 22 52 0 1	4 10 2 24	21n55 0s 4 21 56 0 4 21 56 0 4	3 53 1 14	23 54 3 9	18n40 18n- 18 40 18 4 18 40 18 4	6 22	9n 7 1n18 9 7 1 18 9 7 1 18
S 4 M 5 T 6 W 7 T 8 F 9	17 12 16 56 16 39 16 23 16 6 15 48	3n48 5 7 8 34 5 17 12 47 5 9 16 14 4 43	20 29 On	7 18 30 1 9 23 3 18 10 1 10 23 9 17 50 1 11 23 4 17 30 1 13 23	37 0 42 34 0 43 30 0 44 27 0 44	22 51 0 1 22 50 0 1 22 49 0 1 22 48 0 1 22 47 0 1 22 45 0 1	4 14 2 24 4 16 2 24 4 18 2 24 4 20 2 23 4 22 2 23 4 24 2 23	21 57 0 4 21 57 0 4 21 57 0 4 21 58 0 4	3 50 1 14 3 50 1 14 3 49 1 14	23 55 3 9 23 55 3 9 23 55 3 9 23 56 3 9	18 40 18 4 18 40 18	48 6 16 49 6 14 50 6 12 51 6 10	9 6 1 18 9 6 1 18 9 6 1 18 9 6 1 18
S 10 S 11 M12 T 13 W14 T 15 F 16 S 17	15 13 14 55	20 44 2 11 20 9 1 5 18 36 0n 2 16 13 1 9 13 10 2 11 9 36 3 8	19 57 0 40 19 41 0 50 19 22 1 0	0 15 40 1 18 23 8 15 17 1 19 23 6 14 54 1 20 22 3 14 29 1 21 22	15 0 46 11 0 47 7 0 47 2 0 48 58 0 49 53 0 49	22 44 0 1 22 43 0 1 22 42 0 1 22 41 0 0 22 40 0 0 22 38 0 0 22 37 0 0 22 36 0 0	4 28 2 23 4 30 2 22 4 32 2 22 4 34 2 22 4 36 2 22 4 38 2 22	21 59 0 4 21 59 0 4 21 59 0 4 21 59 0 4 22 0 0 4	3 47 1 14 3 46 1 14 3 45 1 14 3 44 1 14 3 44 1 14 3 43 1 14	23 57 3 10 23 57 3 10 23 57 3 10 23 57 3 10 23 58 3 10 23 58 3 10	18 40 18 : 18 40 18 : 18 40 18 : 18 39 18 : 18 40 18 : 18 40 18 : 18 41 18 :	53 6 3 54 6 1 55 5 59 55 5 57 56 5 55 57 5 53	9 5 1 17 9 4 1 17 9 4 1 17 9 3 1 17
S 18 M19 T 20 W21 T 22 F 23 S 24	13 2 12 42 12 23 12 3 11 43 11 22	1 34 4 33 2s37 5 0 6 44 5 13 10 38 5 13 14 9 4 59 17 8 4 30	17 11 1 34 16 37 1 33 16 2 1 4 15 25 1 43 14 47 1 43	4 13 40 1 22 22 8 13 15 1 23 22 1 12 49 1 23 22 3 12 23 1 24 22 5 11 57 1 24 22 6 11 30 1 24 22	43 0 50 37 0 51 32 0 52 26 0 52 20 0 53 14 0 53	22 35 0n 0 22 33 0 0 22 32 0 0 22 31 0 0 22 30 0 0 22 28 0 1 22 27 0 1	4 43 2 21 4 45 2 21 4 47 2 21	22 0 0 4 22 0 0 4 22 0 0 4 22 1 0 4 22 1 0 4 22 1 0 4	-	23 59 3 10 23 59 3 10 23 59 3 10 23 59 3 10 24 0 3 10 24 0 3 10	18 42 18 18 42 18 18 43 19 18 44 19 18 44 19 18 44 19 18 44 19	59 5 48	9 1 1 17 9 1 1 17 9 0 1 17 9 0 1 17 8 59 1 17 8 58 1 17
S 25 M26 T 27 W28 T 29 F 30 S 31	10 20 9 59	20 38 1 42 19 23 0 25	10 31 1 4 9 46 1 33 9 0 1 33	5 10 9 1 25 21 3 9 41 1 25 21 1 9 13 1 25 21 8 8 45 1 25 21 5 8 16 1 25 21	55 0 55 49 0 56 42 0 56 35 0 57 28 0 58	22 26 0 1 22 24 0 1 22 23 0 1 22 22 0 1 22 20 0 1 22 19 0 1 22n18 0n 1	4 59 2 20 5 1 2 20 5 4 2 20 5 6 2 20 5 8 2 19 5 11 2 19 5 s13 2n19	22 1 0 4 22 2 0 4 22 2 0 4 22 2 0 4	3 35 1 14 3 35 1 14 3 34 1 14 3 33 1 14 3 32 1 14 3 31 1 14 3 n30 1 n14	24 1 3 10 24 1 3 10 24 1 3 10 24 1 3 10 24 2 3 10	18 43 19 18 43 19 18 43 19 18 43 19 18 44 19 18n45 19n	4 5 34 5 5 31 5 5 29 6 5 27 7 5 25 8 5 23 9 5n21	8 57 1 17 8 57 1 17 8 56 1 17 8 55 1 17 8 54 1 17 8 54 1 17 8 8 1 117

Julian Day Number = 2369943.5, Delta T = 22.06 sec Ecliptic obliquity =  $23^{\circ}28'01$ , Nutation = -  $0^{\circ}00'13$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $21^{\circ}37'16$ , Lahiri =  $20^{\circ}44'16$ Greg. Calendar

SEPTEMBER 1776 00:00 UT

Day	Sid.t	0	D	Ϋ́	φ	ð	4	ħ	)∤(	朴	Р	P.	Ω	Ç	, k	Day
S 1	22 42 51	9 <b>m</b> ) 1'54	16 <b>Y</b> 50	14 <b>m</b> 29	14 Mp 46	29935	1895 3	18 <b>≏</b> 53	10耳53	24 mg 4	26°R18	6°R 7	4 <b>Ω</b> 31	25 <b>m</b> 57	19°R37	S 1
M 2	22 46 47	10° 0'04	1837	16°19	16° 0	0 <b>Ω</b> 13	18°13	18°59	10°54	24° 6	26 <b>궁</b> 17	6 <b>Ω</b> 2	4°28	26° 3	19 <b>Y</b> 35	M 2
T 3	22 50 44	10°58'16	16° 0	18° 7	17°15	0°51	18°24	19° 5	10°55	24° 8	26°16	5°59	4°25	26°10	19°33	T 3
W 4	22 54 40	11°56'30	29°57	19°55	18°29	1°29	18°34	19°11	10°56	24°11	26°15	5°57	4°21	26°17	19°31	W 4
T 5	22 58 37	12°54'46	13耳28	21°41	19°44	2° 7	18°45	19°18	10°56	24°13	26°14	5°D56	4°18	26°23	19°29	T 5
F 6	23 2 33	13°53'05	26°34	23°26	20°58	2°45	18°55	19°24	10°57	24°15	26°13	5°56	4°15	26°30	19°26	F 6
S 7	23 6 30	14°51'25	99519	25°10	22°13	3°22	19° 5	19°31	10°57	24°17	26°12	5°58	4°12	26°37	19°24	S 7
S 8	23 10 26	15°49'47	21°46	26°53	23°27	4° 0	19°15	19°37	10°58	24°19	26°12	5°59	4° 9	26°44	19°22	S 8
M 9	23 14 23	16°48'12	$4\Omega$ 0	28°34	24°42	4°38	19°25	19°43	10°58	24°22	26°11	6°R 0	4° 6	26°50	19°20	M 9
T 10	23 18 20	17°46'38	16° 3	0 <b>≏</b> 15	25°56	5°15	19°35	19°50	10°58	24°24	26°10	6° 0	4° 2	26°57	19°18	T 10
W11	23 22 16	18°45'07	28° 0	1°54	27°11	5°53	19°45	19°57	10°59	24°26	26° 9	5°57	3°59	27° 4	19°15	W11
T 12	23 26 13	19°43'37	9 <b>₯</b> 52	3°33	28°25	6°30	19°55	20° 3	10°59	24°28	26° 8	5°53	3°56	27°10	19°13	T 12
F 13	23 30 9	20°42'10	21°43	5°10	29°40	7° 7	20° 4	20°10	10°59	24°30	26° 8	5°46	3°53	27°17	19°10	F 13
S 14	23 34 6	21°40'44	3 <b>₾</b> 33	6°46	0 <b>ჲ</b> 54	7°45	20°14	20°17	10°59	24°33	26° 7	5°38	3°50	27°24	19° 8	S 14
S 15	23 38 2	22°39'20	15°24	8°21	2° 9	8°22	20°23	20°23	10°59	24°35	26° 6	5°29	3°46	27°30	19° 6	S 15
M16	23 41 59	23°37'58	27°19	9°56	3°24	8°59	20°33	20°30	10°R59	24°37	26° 6	5°20	3°43	27°37	19° 3	M16
T 17	23 45 55	24°36'38	9 <b>M</b> .19	11°29	4°38	9°37	20°42	20°37	10°59	24°39	26° 5	5°11	3°40	27°44	19° 1	T 17
W18	23 49 52	25°35'20	21°27	13° 1	5°53	10°14	20°51	20°44	10°59	24°42	26° 5	5° 5	3°37	27°50	18°58	W18
T 19	23 53 49	26°34'03	3 <b>∡</b> 746	14°32	7° 7	10°51	21° 0	20°50	10°59	24°44	26° 4	5° 0	3°34	27°57	18°56	T 19
F 20	23 57 45	27°32'48	16°19	16° 3	8°22	11°28	21° 8	20°57	10°59	24°46	26° 4	4°57	3°31	28° 4	18°53	F 20
S 21	0 1 42	28°31'35	29°10	17°32	9°37	12° 5	21°17	21° 4	10°58	24°48	26° 3	4°D56	3°27	28°11	18°50	S 21
S 22	0 5 38	29°30'24	12る23	19° 0	10°51	12°41	21°26	21°11	10°58	24°50	26° 3	4°57	3°24	28°17	18°48	S 22
M23	0 9 3 5	0 <b>ჲ</b> 29'14	26° 2	20°27	12° 6	13°18	21°34	21°18	10°58	24°53	26° 2	4°58	3°21	28°24	18°45	M23
T 24	0 13 31	1°28'06	10≈ 7	21°53	13°20	13°55	21°42	21°25	10°57	24°55	26° 2	4°R58	3°18	28°31	18°42	T 24
W25	0 17 28	2°27'00	24°40	23°19	14°35	14°32	21°50	21°32	10°57	24°57	26° 1	4°57	3°15	28°37	18°40	W25
T 26	0 21 24	3°25'56	9 <b>)(</b> 36	24°43	15°50	15° 8	21°58	21°39	10°56	24°59	26° 1	4°53	3°12	28°44	18°37	T 26
F 27	0 25 21	4°24'53	24°48	26° 6	17° 4	15°45	22° 6	21°46	10°56	25° 2	26° 1	4°46	3° 8	28°51	18°34	F 27
S 28	0 29 18	5°23'52	10 <b>℃</b> 7	27°28	18°19	16°22	22°14	21°53	10°55	25° 4	26° 0	4°38	3° 5	28°57	18°32	S 28
S 29	0 33 14	6°22'54	25°22	28°49	19°33	16°58	22°22	22° 0	10°55	25° 6	26° 0	4°29	3° 2	29° 4	18°29	S 29
M30	0 37 11	7 <b>≏</b> 21'57	10822	OM 8	20 <u>₽</u> 48	17 <b>Ω</b> 34	229529	22 <b>º</b> 7	10 <b>Ⅱ</b> 54	25 Mp 8	26 <b>궁</b> 0	$4\Omega 20$	$2\Omega$ 59	29 <b>m</b> 11	18 <b>Y</b> 26	M30

Day	0	D	ğ	φ	♂	4	ħ	ļ	)į	ł(	¥		Р	n	Ω	Ç	ķ
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl	lat	decl	lat	decl lat	de	el lat	decl	decl	decl	decl lat
S 1 M 2	8n12 7 50	2n 5 4s55 7 11 5 11		7n18 1n25 6 49 1 24		22n16 On 22 15 O		2n19 2 19	22n 2 22 2		3n29 1n 3 29 1	4 24s 4 24			19n 9 19 10	5n18 5 16	8n52 1n17 8 51 1 17
T 3 W 4	7 28	11 44 5 7	0 00 1 10				2 5 21				3 28 1			18 48		5 14	8 51 1 17
T 5	6 43	15 31 4 45 18 21 4 8	5 7 1 12 4 20 1 7		20 50 1 1 20 42 1 1		2 5 23 2 5 26	2 19 2 18	22 3 22 3		3 27 1 3 26 1			18 49	19 12 19 12	5 12 5 10	8 50 1 17 8 49 1 17
F 6		20 7 3 18	-				2 5 28				3 25 1		-	18 49		5 8	8 48 1 17
S 7	5 58	20 49 2 20	2 46 0 55	4 21 1 22	20 26 1 2	22 8 0	2 5 31	2 18	22 3	0 4	3 24 1	4 24	3 11	18 48	19 14	5 6	8 47 1 17
S 8 M 9	5 36 5 13	20 27 1 17 19 6 0 11	2 0 0 49 1 13 0 43		20 18 1 3 20 9 1 4		2 5 33 2 5 36	-		1	3 23 1 3 22 1		3 3 11 3 3 11	-	19 15 19 15	5 3 5 1	8 46 1 17 8 46 1 17
T 10	-				20 1 1 4		2 5 38	-		1	3 22 1		-		19 16	4 59	8 45 1 17
W11	4 27	14 0 1 56	0s19 0 29	2 20 1 19	19 52 1 5	22 3 0	3 5 41	2 18	22 3	0 4	3 21 1	4 24	4 3 11	18 48	19 17	4 57	8 44 1 17
T 12	4 4	10 33 2 53					3 5 43	2 18			3 20 1		_		19 18	4 55	8 43 1 17
F 13 S 14	3 41 3 18	6 41 3 42 2 34 4 21	1 49 0 15 2 34 0 8		19 35 1 6 19 26 1 7		3 5 46 3 5 49	2 18 2 17			3 19 1 3 18 1	4 24	-		19 18 19 19	4 52 4 50	8 42 1 17 8 41 1 17
S 15 M16	2 55 2 32	1 s 38   4 48   5 48   5 4	3 18 0 1 4 2 0s 6		19 17 1 7 19 7 1 8		3 5 51 3 5 54		22 3 22 3		3 17 1 3 16 1	4 24	4 3 11		19 20 19 21	4 48 4 46	8 40 1 17 8 39 1 17
T 17	2 9	9 47 5 6					3 5 56					4 24	5 3 11	19 0		4 44	8 38 1 16
W18	1 45	13 24 4 55	5 28 0 21	1 15 1 11	18 49 1 9	21 54 0	3 5 59	2 17	22 3	0 4	3 15 1	4 24	5 3 11	19 1	19 22	4 42	8 37 1 16
T 19							4 6 2				3 14 1	4 24	5 3 11	-	19 23	4 39	8 36 1 16
F 20		18 56 3 51				21 52 0	4 6 4				3 13 1		5 3 11	-	_	4 37	8 35 1 16
S 21	0 35	20 28 3 0	7 34 0 44				4 6 7	-		0 4	3 12 1	4 24	5 3 11		19 24	4 35	8 34 1 16
S 22	-	20 56 1 58			18 10 1 11		4 6 10					4 24	5 3 11		19 25	4 33	8 33 1 16
M23 T 24		20 11 0 48 18 10 0s28					4 6 12 4 6 15			1	3 10 1		5 3 11 5 3 11	-		4 31 4 28	8 32 1 16 8 31 1 16
W25					17 40 1 13	,	4 6 18		22 3			4  24  4  24	5 3 11	-		4 28	8 30 1 16
T 26	1 22	10 40 2 54					4 6 20	2 16				4 24	5 3 11	-		4 24	8 29 1 16
F 27	1 45	5 38 3 54			17 19 1 15		4 6 23	-				4 24	5 3 11	-		4 22	8 27 1 16
S 28	2 9	0 14 4 37	12 4 1 36	6 20 0 55	17 9 1 15	21 42 0	5 6 26	2 16	22 3	0 4	3 6 1	4 24	5 3 11	19 8	19 29	4 19	8 26 1 16
S 29 M30	2 32 2 s56		12 40 1 43 13 s15 1 s50			21 41 0 21n40 0n	5 6 28 5 6s31	2 16 2n16	22 3 22n 2			4 24 4 24s	-		19 30 19n31	4 17 4n15	8 25 1 16 8n24 1n16
MDU	2 850	101110 38 2	13813 1830	/ 820 01131	101140 11110	211140 UII	0831	21110	22II Z	05 4	JH 4 III	248	2811	171112	171131	+1113	01124 11110

Julian Day Number = 2369974.5, Delta T = 22.07 sec Ecliptic obliquity = 23°28'01, Nutation = -0°00'14, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 21°37'20, Lahiri = 20°44'20Greg. Calendar

OCTOBER 1776 00:00 UT

Day	Sid.t	0	J	φ	φ	♂	4	ħ	ᡟ	卉	Р	r	Ω	Ç	٧٥	Day
T 1	0 41 7	8 <b>₽</b> 21'03	24 <b>8</b> 58	1 <b>m</b> 27	22 <b>º</b> 3	18 <b>Ω</b> 11	22936	22 <b>॒</b> 15	10°R53	25 m 10	26°R 0	4°R12	$2\Omega$ 56	29 Mp 18	18°R23	T 1
W 2	0 45 4	9°20'12	9 <b>I</b> 5	2°44	23°17	18°47	22°44	22°22	10耳52	25°13	25 <b>る</b> 59	4 <b>Ω</b> 6	2°52	29°24	18 <b>Y</b> 21	W 2
T 3	0 49 0	10°19'22	22°42	3°59	24°32	19°23	22°51	22°29	10°51	25°15	25°59	4° 2	2°49	29°31	18°18	T 3
F 4	0 52 57	11°18'35	5 <b>9</b> 51	5°14	25°46	19°59	22°58	22°36	10°51	25°17	25°59	4° 1	2°46	29°38	18°15	F 4
S 5	0 56 53	12°17'50	18°34	6°26	27° 1	20°36	23° 4	22°43	10°50	25°19	25°59	4°D 1	2°43	29°44	18°12	S 5
S 6	1 0 50	13°17'08	0 <b>Ω</b> 58	7°37	28°16	21°12	23°11	22°51	10°49	25°21	25°59	4°R 1	2°40	29°51	18° 9	S 6
M 7	1 4 47	14°16'28	13° 6	8°46	29°30	21°48	23°17	22°58	10°48	25°23	25°59	4° 1	2°37	29°58	18° 7	M 7
T 8	1 8 43	15°15'50	25° 3	9°54	0 <b>M</b> .45	22°23	23°24	23° 5	10°47	25°25	25°D59	3°59	2°33	0요 4	18° 4	T 8
W 9	1 12 40	16°15'14	6 <b>m</b> 55	10°59	1°59	22°59	23°30	23°12	10°45	25°28	25°59	3°54	2°30	0°11	18° 1	W 9
T 10	1 16 36	17°14'41	18°44	12° 2	3°14	23°35	23°36	23°20	10°44	25°30	25°59	3°47	2°27	0°18	17°58	T 10
F 11	1 20 33	18°14'10	0 <b>ჲ</b> 34	13° 2	4°29	24°11	23°42	23°27	10°43	25°32	25°59	3°36	2°24	0°25	17°55	F 11
S 12	1 24 29	19°13'40	12°26	13°59	5°43	24°46	23°47	23°34	10°42	25°34	25°59	3°24	2°21	0°31	17°52	S 12
S 13	1 28 26	20°13'13	24°23	14°54	6°58	25°22	23°53	23°41	10°40	25°36	25°59	3°10	2°17	0°38	17°50	S 13
M14	1 32 22	21°12'48	6ML25	15°45	8°13	25°57	23°58	23°49	10°39	25°38	25°59	2°56	2°14	0°45	17°47	M14
T 15	1 36 19	22°12'25	18°34	16°33	9°27	26°33	24° 3	23°56	10°38	25°40	25°59	2°43	2°11	0°51	17°44	T 15
W16	1 40 15	23°12'04	0 <b>才</b> 50	17°17	10°42	27° 8	24° 8	24° 3	10°36	25°42	26° 0	2°31	2° 8	0°58	17°41	W16
T 17	1 44 12	24°11'45	13°16	17°56	11°57	27°43	24°13	24°11	10°35	25°44	26° 0	2°23	2° 5	1° 5	17°38	T 17
F 18	1 48 9	25°11'28	2 <u>5</u> °54	18°30	13°11	28°19	24°18	24°18	10°33	25°46	26° 0	2°18	2° 2	1°11	17°35	F 18
S 19	1 52 5	26°11'12	8 <b>궁</b> 46	18°59	14°26	28°54	24°22	24°25	10°32	25°48	26° 1	2°15	1°58	1°18	17°33	S 19
S 20	1 56 2	27°10'58	21°55	19°22	15°40	29°29	24°27	24°32	10°30	25°50	26° 1	2°14	1°55	1°25	17°30	S 20
M21	1 59 58	28°10'46	5≈25	19°38	16°55	0Mp 4	24°31	24°40	10°28	25°52	26° 1	2°14	1°52	1°32	17°27	M21
T 22	2 3 55	29°10'35	19°18	19°48	18°10	0°39	24°35	24°47	10°27	25°54	26° 2	2°13	1°49	1°38	17°24	T 22
W23	2 7 51	0 <b>M</b> .10'26	3 <b>∺</b> 35	19°R49	19°24	1°13	24°39	24°54	10°25	25°56	26° 2	2°11	1°46	1°45	17°22	W23
T 24	2 11 48	1°10'19	18°15	19°43	20°39	1°48	24°42	25° 2	10°23	25°58	26° 2	2° 6	1°43	1°52	17°19	T 24
F 25	2 15 44	2°10'13	3 <b>Υ</b> 13	19°27	21°53	2°23	24°46	25° 9	10°21	26° 0	26° 3	1°58	1°39	1°58	17°16	F 25
S 26	2 19 41	3°10'09	18°21	19° 3	23° 8	2°57	24°49	25°16	10°19	26° 2	26° 3	1°48	1°36	2° 5	17°13	S 26
S 27	2 23 38	4°10'07	3 <b>8</b> 30	18°29	24°23	3°32	24°52	25°23	10°18	26° 3	26° 4	1°37	1°33	2°12	17°11	S 27
M28	2 27 34	5°10'07	18°28	17°46	25°37	4° 6	24°55	25°30	10°16	26° 5	26° 4	1°25	1°30	2°18	17° 8	M28
T 29	2 31 31	6°10'09	3 <b>II</b> 7	16°54	26°52	4°41	24°57	25°38	10°14	26° 7	26° 5	1°15	1°27	2°25	17° 5	T 29
W30	2 35 27	7°10'13	17°21	15°53	28° 6	5°15	25° 0	25°45	10°12	26° 9	26° 6	1° 7	1°23	2°32	17° 3	W30
T 31	2 39 24	8 <b>M</b> .10'19	199 4	14 <b>M</b> 45	29M21	5 <b>m</b> /49	2599 2	25 <b>≏</b> 52	10 <b>Ⅱ</b> 10	26 <b>m</b> 11	26 <b>궁</b> 6	1 <b>0</b> 2	$1\Omega 20$	2 <b>₾</b> 39	17 <b>Y</b> 0	T 31

Day	0	D	ğ	φ	ð	4	ħ	)Å(	卉	Р	v v	Ç	ķ
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl dec	decl	decl lat
T 1 W 2 T 3	4 6	17 44 4 9 19 55 3 21	14 54 2 1	3 8 20 0 47 1 10 8 49 0 45 1	6 26 1 18 6 16 1 18	21n39 On 5 21 38 O 5 21 37 O 5	6 36 2 16 6 39 2 16	22 2 0 4	3 2 1 14 3 2 1 14	24 6 3 11 24 6 3 11	19 15 19 33 19 16 19 33	2 4 11 3 4 8	8n23 1n16 8 22 1 16 8 21 1 16
F 4 S 5	-	20 56 2 24 20 50 1 21	15 25 2 1 15 55 2 2			21 36 0 5 21 35 0 5	6 42 2 16 6 45 2 16		_		19 16 19 34 19 16 19 33		8 20 1 15 8 18 1 15
S 6 M 7 T 8 W 9 T 10 F 11 S 12	5 38 6 1	17 40 0n48 14 54 1 49 11 32 2 45 7 44 3 33 3 38 4 13	17 45 2 4 18 9 2 4 18 31 2 5	34 10 44 0 37 1 39 11 13 0 34 1 45 11 41 0 32 1	5 32 1 21 5 21 1 21 5 10 1 22 4 58 1 22 4 47 1 23	21 34 0 6 21 33 0 6 21 32 0 6 21 31 0 6 21 30 0 6 21 29 0 6 21 28 0 6	6 47 2 16 6 50 2 16 6 53 2 16 6 55 2 16 6 58 2 16 7 1 2 16 7 3 2 16	22 2 0 4 22 1 0 4	2 58 1 14 2 57 1 14 2 57 1 14	24 6 3 11 24 6 3 11 24 6 3 11 24 6 3 11 24 6 3 11	19 16 19 3: 19 16 19 3: 19 17 19 3: 19 18 19 3: 19 20 19 3: 19 22 19 3: 19 25 19 4:	5 3 59 7 3 57 7 3 55 8 3 53 9 3 51	8 17 1 15 8 16 1 15 8 15 1 15 8 14 1 15 8 13 1 15 8 12 1 15 8 10 1 15
S 13 M14 T 15 W16 T 17 F 18 S 19	9 46	8 57 5 0 12 44 4 49 16 2 4 25 18 39 3 48 20 25 2 59	19 30 3 19 46 3 20 0 3 20 13 3 20 22 3	9 15 14 0 13 1 9 15 39 0 10 1	4 13 1 25 4 1 1 26 3 50 1 26 3 38 1 27 3 26 1 27	21 25 0 7	7 6 2 16 7 9 2 16 7 12 2 16 7 14 2 16 7 17 2 16 7 20 2 16 7 22 2 16	22 0 0 4 22 0 0 4	,	24 6 3 11 24 6 3 11 24 6 3 11 24 5 3 11 24 5 3 11	19 28 19 40 19 32 19 4 19 35 19 4 19 37 19 4 19 39 19 4 19 40 19 4 19 41 19 4	3 44 2 3 42 2 3 39 3 37 4 3 35	8 9 1 15 8 8 1 15 8 7 1 15 8 6 1 15 8 5 1 14 8 3 1 14 8 2 1 14
S 20 M21 T 22 W23 T 24 F 25 S 26	10 50 11 12	19 12 0s17 16 27 1 29 12 39 2 37 7 59 3 37 2 45 4 24	20 36 3 20 35 2 5	3 16 52 0 3 1 59 17 15 0 0 1 54 17 38 0s 2 1 47 18 1 0 5 1 39 18 23 0 8 1	2 51 1 29 2 40 1 30 2 28 1 31 2 16 1 31 2 4 1 32	21 23 0 7 21 22 0 8 21 22 0 8 21 21 0 8 21 21 0 8 21 21 0 8 21 20 0 8 21 20 0 8	7 27 2 16 7 30 2 16 7 33 2 16 7 35 2 16 7 38 2 16	21 59 0 4 21 59 0 4 21 58 0 4	2 45 1 15 2 44 1 15	24 5 3 10 24 5 3 10 24 5 3 10 24 5 3 10 24 5 3 10	19 41 19 4: 19 41 19 4: 19 41 19 4: 19 42 19 4: 19 43 19 4: 19 45 19 4: 19 47 19 50	3 28 7 3 26 7 3 24 8 3 21 9 3 19	8 1 1 14 8 0 1 14 7 59 1 14 7 58 1 14 7 57 1 14 7 55 1 14 7 54 1 14
S 27 M28 T 29 W30 T 31	13 36 13 55	12 44 4 47 16 38 4 16 19 24 3 29	18 38 1 4 18 5 1 3	4 19 26 0 16 1 49 19 46 0 18 1	1 28 1 34 1 16 1 34 1 4 1 35	21 19 0 8 21 19 0 9 21 18 0 9 21 18 0 9 21n18 0n 9	7 46 2 16 7 48 2 16 7 51 2 16	21 57 0 4 21 57 0 4 21 57 0 4 21 57 0 4 21 57 0 4 21n56 0s 4	2 42 1 15 2 41 1 15 2 41 1 15	24 4 3 10 24 4 3 10 24 4 3 10	19 49 19 50 19 52 19 5 19 54 19 52 19 56 19 52 19n57 19n5.	3 12 2 3 10 2 3 8	7 53 1 13 7 52 1 13 7 51 1 13 7 50 1 13 7n49 1n13

Julian Day Number = 2370004.5, Delta T = 22.07 sec Ecliptic obliquity =  $23^{\circ}28'02$ , Nutation = -  $0^{\circ}00'15$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $21^{\circ}37'24$ , Lahiri =  $20^{\circ}44'24$ Greg. Calendar

NOVEMBER 1776 00:00 UT

Day	Sid.t	0	D	Ϋ́	φ	♂	4	ħ	)∤(	¥	Р	ß	Ω	Ç	ę,	Day
F 1	2 43 20	9 <b>M</b> L10'27	149519	13°R31	0 <b>∡</b> ³35	6 <b>m</b> 23	2599 4	25 <b>Ω</b> 59	10°R 8	26 <b>m</b> )12	26중 7	0°R59	1Ω17	2 <b>≙</b> 45	16°R58	F 1
S 2	2 47 17	10°10'37	27° 7	12 <b>M</b> .14	1°50	6°57	25° 6	26° 6	10耳 6	26°14	26° 8	0°D58	1°14	2°52	16 <b>Y</b> 55	S 2
S 3	2 51 13	11°10'50	9Ω33	10°55	3° 4	7°31	25° 8	26°14	10° 3	26°16	26° 8	0°R58	1°11	2°59	16°53	S 3
M 4	2 55 10	12°11'04	21°42	9°37	4°19	8° 5	25°10	26°21	10° 1	26°18	26° 9	0€58	1° 8	3° 5	16°50	M 4
T 5	2 59 7	13°11'20	3 <b>m</b> 39	8°22	5°34	8°38	25°11	26°28	9°59	26°19	26°10	0°56	1° 4	3°12	16°48	T 5
W 6	3 3 3	14°11'39	15°30	7°13	6°48	9°12	25°12	26°35	9°57	26°21	26°11	0°52	1° 1	3°19	16°45	W 6
T 7	3 7 0	15°11'59	27°19	6°13	8° 3	9°46	25°13	26°42	9°55	26°22	26°12	0°45	0°58	3°26	16°43	T 7
F 8	3 10 56	16°12'21	9 <b>₽</b> 10	5°22	9°17	10°19	25°14	26°49	9°52	26°24	26°12	0°35	0°55	3°32	16°40	F 8
S 9	3 14 53	17°12'45	21° 7	4°41	10°32	10°52	25°14	26°56	9°50	26°26	26°13	0°23	0°52	3°39	16°38	S 9
S 10	3 18 49	18°13'11	3 <b>M</b> _10	4°13	11°46	11°26	25°15	27° 3	9°48	26°27	26°14	0°10	0°49	3°46	16°36	S 10
M11	3 22 46	19°13'38	15°23	3°56	13° 1	11°59	25°R15	27°10	9°46	26°29	26°15	299556	0°45	3°52	16°33	M11
T 12	3 26 42	20°14'07	27°45	3°D50	14°15	12°32	25°15	27°17	9°43	26°30	26°16	29°44	0°42	3°59	16°31	T 12
W13	3 30 39	21°14'38	10 <b>×</b> 16	3°56	15°30	13° 5	25°15	27°24	9°41	26°32	26°17	29°33	0°39	4° 6	16°29	W13
T 14	3 34 36	22°15'10	22°58	4°12	16°44	13°37	25°14	27°31	9°39	26°33	26°18	29°25	0°36	4°13	16°27	T 14
F 15	3 38 32	23°15'44	5 <b>る</b> 50	4°38	17°59	14°10	25°14	27°37	9°36	26°35	26°19	29°19	0°33	4°19	16°25	F 15
S 16	3 42 29	24°16'19	18°54	5°12	19°13	14°43	25°13	27°44	9°34	26°36	26°20	29°17	0°29	4°26	16°22	S 16
S 17	3 46 25	25°16'56	2≈11	5°54	20°28	15°15	25°12	27°51	9°31	26°37	26°21	29°D17	0°26	4°33	16°20	S 17
M18	3 50 22	26°17'33	15°42	6°44	21°42	15°47	25°10	27°58	9°29	26°39	26°22	29°17	0°23	4°39	16°18	M18
T 19	3 54 18	27°18'12	29°30	7°39	22°57	16°20	25° 9	28° 4	9°26	26°40	26°24	29°R17	0°20	4°46	16°16	T 19
W20	3 58 15	28°18'52	13 <b>)</b> 34	8°40	24°11	16°52	25° 7	28°11	9°24	26°41	26°25	29°16	0°17	4°53	16°14	W20
T 21	4 2 11	29°19'32	27°55	9°45	25°26	17°24	25° 5	28°18	9°21	26°42	26°26	29°13	0°14	4°59	16°13	T 21
F 22	4 6 8	0 <b>₹</b> 120'14	12 <b>Y</b> 29	10°55	26°40	17°55	25° 3	28°24	9°19	26°44	26°27	29° 7	0°10	5° 6	16°11	F 22
S 23	4 10 5	1°20'57	27°13	12° 7	27°54	18°27	25° 1	28°31	9°16	26°45	26°28	29° 0	0° 7	5°13	16° 9	S 23
S 24	4 14 1	2°21'41	11859	13°23	29° 9	18°59	24°59	28°37	9°14	26°46	26°30	28°51	0° 4	5°20	16° 7	S 24
M25	4 17 58	3°22'26	26°39	14°42	0 <b>궁</b> 23	19°30	24°56	28°44	9°11	26°47	26°31	28°41	0° 1	5°26	16° 5	M25
T 26	4 21 54	4°23'13	11 <b>II</b> 5	16° 2	1°37	20° 2	24°53	28°50	9° 9	26°48	26°32	28°33	29958	5°33	16° 4	T 26
W27	4 25 51	5°24'01	25°11	17°25	2°52	20°33	24°50	28°56	9° 6	26°49	26°34	28°26	29°55	5°40	16° 2	W27
T 28	4 29 47	6°24'50	8953	18°49	4° 6	21° 4	24°47	29° 3	9° 4	26°50	26°35	28°22	29°51	5°46	16° 1	T 28
F 29	4 33 44	7°25'41	22°10	20°14	5°20	21°35	24°44	29° 9	9° 1	26°51	26°36	28°D20	29°48	5°53	15°59	F 29
S 30	4 37 40	8 <b>×</b> 126'32	5 <b>Ω</b> 2	21 <b>M</b> 40	6 <b>ප</b> 35	22 Mp 6	249540	29 <b>≏</b> 15	8耳59	26 M 52	26 <b>궁</b> 38	289520	299545	6 <b>亞</b> 0	15 <b>Y</b> 58	S 30

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S 3 M 4 T 5 W 6 T 7	15 31 15 49 16 7 16 25	15 59 1 47 12 43 2 44 8 59 3 33 4 55 4 12	14 36 0n 13 53 0 2 13 12 0 4 12 35 1	7 21 35 0 34 27 21 51 0 36 47 22 6 0 39 5 22 21 0 41	10 4 1 38 9 52 1 39 9 40 1 40 9 28 1 40	21 17 0 10 21 17 0 10	8 4 2 16 8 6 2 16 8 9 2 16 8 11 2 16	21 55 0 4 21 55 0 4 21 54 0 4	2 38 1 15 2 37 1 15 2 37 1 15 2 36 1 15 2 36 1 15	24 4 3 10 24 3 3 10 24 3 3 10 24 3 3 10		2 59 2 56 2 54 2 52 2 49	7 44 1 13 7 43 1 13 7 42 1 12 7 41 1 12
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S 10 M11 T 12 W13 T 14 F 15 S 16	17 49 18 5 18 21 18 37	11 50 4 50 15 21 4 26 18 14 3 49 20 17 3 0	10 59 1 5 10 49 2 10 44 2 1 10 45 2 1 10 50 2 2	18     23     2     0     49       59     23     14     0     51       7     23     26     0     54       14     23     36     0     56       19     23     47     0     59       23     23     56     1     1       25     24     5     1     3	8 40 1 43 8 28 1 44 8 16 1 44 8 4 1 45 7 52 1 46	21 17 0 11 21 17 0 11 21 17 0 11 21 18 0 11 21 18 0 11 21 18 0 11 21 18 0 12	8 21 2 17 8 23 2 17 8 26 2 17 8 28 2 17 8 30 2 17	21 52 0 3	2 33 1 15 2 33 1 15 2 32 1 15 2 32 1 16 2 31 1 16	24 2 3 10 24 2 3 10	20 8 20 0 20 11 20 1 20 14 20 1 20 16 20 2 20 18 20 3 20 19 20 3 20 19 20 4	2 43 2 40 2 38 2 36 2 33 2 31 2 29	7 38 1 12 7 37 1 12 7 36 1 12 7 35 1 12 7 34 1 11 7 33 1 11 7 32 1 11
S 17 M18 T 19 W20 T 21 F 22 S 23		17 31 1 26 14 4 2 34 9 45 3 33 4 49 4 21 0n27 4 52	11 29 2 2 11 49 2 2 12 10 2 2 12 34 2 1 12 59 2 1	26 24 13 1 5 25 24 20 1 8 24 24 27 1 10 21 24 32 1 12 18 24 37 1 14 14 24 42 1 16 10 24 45 1 18	7 16 1 48 7 4 1 48 6 52 1 49 6 40 1 50 6 28 1 50	21 19 0 12 21 19 0 12 21 20 0 12 21 20 0 12 21 21 0 12 21 21 0 13 21 22 0 13	8 37 2 17 8 40 2 18 8 42 2 18 8 44 2 18 8 46 2 18	21 51 0 3 21 50 0 3 21 50 0 3 21 50 0 3 21 50 0 3 21 49 0 3 21 49 0 3 21 49 0 3	2 30 1 16 2 29 1 16 2 29 1 16	24 1 3 10 24 1 3 10 24 1 3 10 24 0 3 10 24 0 3 10	20 20 20 5 20 19 20 5 20 19 20 6 20 20 20 7 20 20 20 8 20 21 20 8 20 23 20 9	2 27 2 24 2 22 2 20 2 17 2 15 2 13	7 32 1 11 7 31 1 11 7 30 1 11 7 29 1 11 7 28 1 11 7 27 1 10 7 26 1 10
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Julian Day Number = 2370035.5, Delta T = 22.08 sec Ecliptic obliquity = 23°28'01, Nutation = -0°00'16, out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $21^{\circ}37'28$ , Lahiri =  $20^{\circ}44'29$ Greg. Calendar

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M 2	4 45 34	10°28'20	29°44	24°36	9° 3	23° 7	24933	29°28	8 <b>Ⅱ</b> 54	26°54	26°41	28°23	29°39	6°13	15 <b>Y</b> 55	M 2
T 3	4 49 30	11°29'15	11 <b>m</b> ) 44	26° 5	10°18	23°37	24°28	29°34	8°51	26°55	26°42	28°R23	29°35	6°20	15°53	T 3
W 4	4 53 27	12°30'12	23°37	27°34	11°32	24° 7	24°24	29°40	8°49	26°56	26°44	28°23	29°32	6°27	15°52	W 4
T 5	4 57 23	13°31'10	5 <b>≏</b> 28	29° 4	12°46	24°37	24°20	29°46	8°46	26°57	26°45	28°20	29°29	6°33	15°51	T 5
F 6	5 1 20	14°32'10	17°21	0 <b>∡</b> 35	14° 0	25° 7	24°15	29°51	8°43	26°58	26°47	28°15	29°26	6°40	15°50	F 6
S 7	5 5 16	15°33'10	29°21	2° 5	15°15	25°37	24°10	29°57	8°41	26°58	26°48	28° 9	29°23	6°47	15°49	S 7
S 8	5 9 13	16°34'12	11 <b>M</b> .30	3°36	16°29	26° 7	24° 5	OM 3	8°38	26°59	26°50	28° 1	29°20	6°54	15°48	S 8
M 9	5 13 9	17°35'14	23°52	5° 8	17°43	26°36	24° 0	0° 9	8°36	27° 0	26°51	27°53	29°16	7° 0	15°47	M 9
T 10	5 17 6	18°36'18	6 <b>₹</b> 27	6°39	18°57	27° 5	23°55	0°14	8°33	27° 0	26°53	27°46	29°13	7° 7	15°46	T 10
W11	5 21 3	19°37'22	1 <u>9</u> °16	8°11	20°11	27°34	23°49	0°20	8°31	27° 1	26°54	27°39	29°10	7°14	15°45	W11
T 12	5 24 59	20°38'27	2 <b>ට</b> 19	9°43	21°25	28° 3	23°44	0°26	8°28	27° 2	26°56	27°35	29° 7	7°20	15°44	T 12
F 13	5 28 56	21°39'33	15°34	11°16	22°39	28°32	23°38	0°31	8°26	27° 2	26°58	27°32	29° 4	7°27	15°43	F 13
S 14	5 32 52	22°40'39	29° 0	12°48	23°53	29° 0	23°32	0°36	8°24	27° 3	26°59	27°D32	29° 1	7°34	15°42	S 14
S 15	5 36 49	23°41'46	12≈37	14°21	25° 7	29°29	23°26	0°42	8°21	27° 3	27° 1	27°33	28°57	7°41	15°42	S 15
M16	5 40 45	24°42'53	26°24	15°53	26°22	29°57	23°20	0°47	8°19	27° 4	27° 3	27°34	28°54	7°47	15°41	M16
T 17	5 44 42	25°44'00	10 <b>)</b> €20	17°26	27°35	0 <u>₽</u> 25	23°13	0°52	8°16	27° 4	27° 4	27°36	28°51	7°54	15°41	T 17
W18	5 48 38	26°45'07	24°23	18°59	28°49	0°52	23° 7	0°57	8°14	27° 4	27° 6	27°R36	28°48	8° 1	15°40	W18
T 19	5 52 35	27°46'14	8 <b>Ƴ</b> 34	20°33	0≈ 3	1°20	23° 0	1° 2	8°12	27° 5	27° 8	27°36	28°45	8° 7	15°40	T 19
F 20	5 56 32	28°47'22	22°49	22° 6	1°17	1°47	22°53	1° 7	8° 9	27° 5	27°10	27°34	28°41	8°14	15°39	F 20
S 21	6 0 28	29°48'30	7 <b>8</b> 7	23°40	2°31	2°14	22°46	1°12	8° 7	27° 5	27°11	27°31	28°38	8°21	15°39	S 21
S 22	6 4 25	0 <b>궁</b> 49'37	21°23	25°14	3°45	2°41	22°40	1°17	8° 5	27° 6	27°13	27°27	28°35	8°28	15°39	S 22
M23	6 8 21	1°50'45	5 <b>Ⅱ</b> 34	26°48	4°59	3° 8	22°32	1°22	8° 2	27° 6	27°15	27°23	28°32	8°34	15°38	M23
T 24	6 12 18	2°51'54	19°33	28°22	6°12	3°34	22°25	1°27	8° 0	27° 6	27°17	27°19	28°29	8°41	15°38	T 24
W25	6 16 14	3°53'02	3 <b>9</b> 519	2 <u>9</u> °57	7°26	4° 0	22°18	1°31	7°58	27° 6	27°18	27°17	28°26	8°48	15°38	W25
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F 27	6 24 8	5°55'19	29°54	3° 7	9°53	4°52	22° 3	1°40	7°54	27° 6	27°22	27°D15	28°19	9° 1	15°38	F 27
S 28	6 28 4	6°56'28	12 <b>Ω</b> 43	4°43	11° 7	5°17	21°56	1°45	7°51	27° 6	27°24	27°16	28°16	9° 8	15°38	S 28
S 29	6 32 1	7°57'37	25°13	6°19	12°20	5°42	21°48	1°49	7°49	27°R 6	27°26	27°17	28°13	9°15	15°38	S 29
M30	6 35 57	8°58'47	7 <b>m</b> 28	7°55	13°34	6° 7	21°40	1°53	7°47	27° 6	27°28	27°19	28°10	9°21	15°39	M30
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S 15 M16 T 17 W18 T 19 F 20	23 19 23 22 23 24 23 26 23 27 23 28 23 28	18 21 1 22 15 6 2 31 10 59 3 33 6 14 4 22 1 8 4 56 4n 3 5 12	22 53 0 2 23 10 0 2 23 25 0 3 23 40 0 4 23 54 0 4 24 6 0 5	20 22 55 1 49 27 22 42 1 50 33 22 28 1 50 40 22 13 1 51 46 21 58 1 51 52 21 42 1 51	2 9 2 7 1 59 2 8 1 48 2 9 1 38 2 10 1 28 2 10 1 18 2 11	21 42 0 16 21 43 0 17 21 44 0 17	9 31 2 21 9 33 2 21 9 35 2 22 9 36 2 22 9 38 2 22 9 39 2 22	21 40 0 3 21 40 0 3 21 40 0 3 21 39 0 3 21 39 0 3	2 21 1 17 2 21 1 17	23 54 3 11 23 54 3 11 23 53 3 11 23 53 3 11 23 53 3 11 23 52 3 11	20 41 20 24 20 40 20 24 20 40 20 25 20 40 20 25 20 40 20 26 20 40 20 27 20 41 20 27	1 21 1 19 1 17 1 14	7 13 1 7 7 13 1 7 7 13 1 7 7 12 1 7 7 12 1 7
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M30	23 14 23 10 23 s 5	11 56 3 24	24 57 1 3 24 56 1 4 24 s53 1 s4	42 18 31 1 50	0s 9 2 19 0 18 2 20 0s27 2n20		9 53 2 24	21 35 0 3 21 35 0 3 21n35 0s 3	2 20 1 18	23 49 3 11	20 44 20 33 20 43 20 33 20n43 20n34	0 46	7 10 1 5 7 10 1 5 7n10 1n 5

Julian Day Number = 2370065.5, Delta T = 22.09 sec Ecliptic obliquity =  $23^{\circ}28'01$ , Nutation = -  $0^{\circ}00'16$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $21^{\circ}37'32$ , Lahiri =  $20^{\circ}44'33$ Greg. Calendar