

# Astrodienst Ephemeris Tables for the year 1716

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 1716 00:00 UT

•															••••	
Day	Sid.t	0	)	ğ	φ	ď	4	ħ	)∤(	#	Р	V	ນ	Ç	ķ	Day
W 1	6 39 2	9 <b>ප්</b> 48'56	22 <b>)</b> 3	20🖍 0	22る29	27≈13	16°R37	6 <b>₽</b> 54	26°R 5	8°R48	10°R24	8°R59	7 <b>M</b> .56	17 <b>M</b> 24	26≈43	W 1
T 2	6 42 59	10°50'07	5 <b>℃</b> 43	21°22	23°44	28° 0	16 <b>8</b> 35	6°56	26Mp 5	8 <b>8</b> 47	10 <b>m</b> 24	8°D57	7°53	17°31	26°46	T 2
F 3	6 46 55	11°51'16	19°37	22°45	25° 0	28°46	16°33	6°57	26° 5	8°47	10°23	8 <b>M</b> 57	7°50	17°38	26°49	F 3
S 4	6 50 52	12°52'26	3 <b>8</b> 45	24°10	26°15	29°33	16°32	6°59	26° 4	8°46	10°23	8°R58	7°46	17°44	26°52	S 4
S 5	6 54 48	13°53'35	18° 7	25°35	27°30	0 <b>∺</b> 19	16°30	7° 0	26° 4	8°46	10°22	8°57	7°43	17°51	26°55	S 5
M 6	6 58 45	14°54'43	2П39	27° 1	28°45	1° 5	16°29	7° 1	26° 4	8°45	10°21	8°55	7°40	17°57	26°59	M 6
T 7	7 241	15°55'51	17°18	28°27	0≈ 1	1°52	16°28	7° 2	26° 4	8°45	10°20	8°50	7°37	18° 4	27° 2	T 7
W 8	7 638	16°56'59	1958	29°54	1°16	2°38	16°27	7° 3	26° 3	8°44	10°20	8°43	7°34	18°11	27° 5	W 8
T 9	7 10 34	17°58'06	16°31	1 <b>る</b> 22	2°31	3°25	16°27	7° 4	26° 3	8°44	10°19	8°33	7°31	18°17	27° 9	T 9
F 10	7 14 31	18°59'13	$0\Omega50$	2°51	3°46	4°11	16°26	7° 5	26° 2	8°44	10°18	8°21	7°27	18°24	27°12	F 10
S 11	7 18 28	20° 0'19	14°50	4°20	5° 1	4°57	16°D26	7° 6	26° 2	8°43	10°17	8°10	7°24	18°31	27°16	S 11
S 12	7 22 24	21° 1'25	28°25	5°50	6°17	5°44	16°26	7° 6	26° 1	8°43	10°16	7°59	7°21	18°37	27°19	S 12
M13	7 26 21	22° 2'31	11 <b>m</b> /35	7°20	7°32	6°30	16°26	7° 7	26° 1	8°43	10°15	7°50	7°18	18°44	27°23	M13
T 14	7 30 17	23° 3'36	24°20	8°51	8°47	7°16	16°27	7° 7	26° 0	8°43	10°14	7°44	7°15	18°51	27°26	T 14
W15	7 34 14	24° 4'41	6 <b>≏</b> 43	10°22	10° 2	8° 2	16°27	7° 7	25°59	8°42	10°13	7°41	7°11	18°57	27°30	W15
T 16	7 38 10	25° 5'46	18°49	11°54	11°17	8°49	16°28	7° 8	25°58	8°42	10°13	7°40	7° 8	19° 4	27°33	T 16
F 17	7 42 7	26° 6'50	0 <b>M</b> .43	13°27	12°32	9°35	16°29	7°R 8	25°58	8°42	10°12	7°D39	7° 5	19°11	27°37	F 17
S 18	7 46 3	27° 7'55	12°31	15° 0	13°47	10°21	16°30	7° 7	25°57	8°42	10°10	7°R39	7° 2	19°17	27°41	S 18
S 19	7 50 0	28° 8'58	24°18	16°34	15° 2	11° 7	16°32	7° 7	25°56	8°42	10° 9	7°38	6°59	19°24	27°44	S 19
M20	7 53 57	29°10'01	6 <b>₹</b> 10	18° 8	16°17	11°53	16°34	7° 7	25°55	8°D42	10° 8	7°35	6°56	19°31	27°48	M20
T 21	7 57 53	0≈11'04	18°11	19°43	17°32	12°40	16°35	7° 7	25°54	8°42	10° 7	7°29	6°52	19°37	27°52	T 21
W22	8 1 50	1°12'06	0 <b>궁</b> 24	21°18	18°48	13°26	16°37	7° 6	25°52	8°42	10° 6	7°21	6°49	19°44	27°56	W22
T 23	8 5 46	2°13'07	12°52	22°54	20° 3	14°12	16°40	7° 5	25°51	8°42	10° 5	7° 9	6°46	19°51	28° 0	T 23
F 24	8 9 43	3°14'08	25°36	24°31	21°18	14°58	16°42	7° 5	25°50	8°42	10° 4	6°56	6°43	19°57	28° 3	F 24
S 25	8 13 39	4°15'07	8≈35	26° 8	22°33	15°44	16°45	7° 4	25°49	8°43	10° 3	6°42	6°40	20° 4	28° 7	S 25
S 26	8 17 36	5°16'06	21°50	27°47	23°48	16°30	16°48	7° 3	25°48	8°43	10° 1	6°29	6°37	20°10	28°11	S 26
M27	8 21 32	6°17'03	5 <b>)</b> 17	29°25	25° 2	17°16	16°51	7° 2	25°46	8°43	10° 0	6°17	6°33	20°17	28°15	M27
T 28	8 25 29	7°17'59	18°54	1≈ 5	26°17	18° 2	16°54	7° 1	25°45	8°43	9°59	6° 8	6°30	20°24	28°19	T 28
W29	8 29 26	8°18'54	2 <b>Υ</b> 39	2°45	27°32	18°48	16°57	6°59	25°43	8°44	9°58	6° 2	6°27	20°30	28°23	W29
T 30	8 33 22	9°19'48	16°30	4°26	28°47	19°34	17° 1	6°58	25°42	8°44	9°56	5°59	6°24	20°37	28°27	T 30
F 31	8 37 19	10≈20'40	0 <b>8</b> 27	6≈ 7	0 <b>米</b> 2	20 <b>米</b> 20	17 <b>8</b> 5	6 <b>≏</b> 57	25 <b>m</b> 40	8 <b>8</b> 44	9 <b>m</b> 55	5 <b>M</b> 58	6M21	20 <b>M</b> .44	28≈31	F 31

Day	0	D	ğ	Q	ð	4	ħ	)Å(	¥	Р	ß	v t	ķ
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl	decl decl	decl lat
W 1 T 2	23 s 7 23 2			9 22 s49 1 s14 1 1 22 37 1 15 1		15n52 1s 1 15 51 1 0	0s34 2n22 0 34 2 23	2n16 0n46 2 16 0 46		20n32 13n57 20 33 13 57			
F 3 S 4	22 57 22 51	9 15 1 41 13 13 0 28		23 22 25 1 17 1 5 22 13 1 18 1		15 51 1 0 15 51 1 0	0 35 2 23 0 35 2 23			20 33 13 58 20 34 13 58			
S 5 M 6 T 7	22 38	18 43 2 3	23 27 0s	1 21 45 1 21 1	12 19 1 0 12 1 0 59 11 44 0 58	15 51 0 59	0 35 2 23 0 35 2 24 0 36 2 24	2 16 0 46 2 17 0 46 2 17 0 46	12 43 1 49	20 35 13 59 20 35 13 59 20 36 14 0		14 5 16 19	7 10 5 43
W 8 T 9	22 24 22 16	19 25 4 3 17 49 4 40	23 44 0 1 23 51 0 2	5 21 15 1 23 1 23 20 59 1 24 1	11 27 0 58 11 9 0 57	15 51 0 59 15 51 0 58	0 36 2 24 0 36 2 25	2 17 0 46 2 17 0 47	12 43 1 49 12 43 1 49	20 37 14 0 20 37 14 0	14 26 14 22	14 3 16 21 14 2 16 22	7 8 5 43 7 7 5 42
S 11	21 59	11 37 5 0	24 1 0 3	60     20     43     1     25     1       67     20     26     1     26     1	10 34 0 55	15 51 0 58 15 51 0 58	0 36 2 25 0 36 2 25	2 18 0 47	12 43 1 49	20 39 14 1	14 19 1 14 15 1	14 0 16 24	7 5 5 42
-	21 50 21 40 21 30	7 36 4 43 3 21 4 12 0s56 3 29	24 6 0 5	50 19 50 1 28	10 16 0 54 9 58 0 54 9 40 0 53		0 36 2 25 0 36 2 26 0 36 2 26	2 18 0 47	12 42 1 49	20 40 14 2	14 9	13 59 16 25 13 58 16 26 13 57 16 27	7 3 5 41
W15 T 16 F 17	21 20 21 9 20 57	5 4 2 37 8 54 1 38 12 19 0 37	24 4 1	8 18 51 1 30	9 22 0 52 9 4 0 51 8 46 0 51	15 53 0 57 15 53 0 56 15 54 0 56	0 36 2 26 0 35 2 27 0 35 2 27	2 19 0 47 2 19 0 47 2 19 0 47	12 42 1 49	20 42 14 3	14 5	13 56 16 28 13 55 16 29 13 54 16 30	7 0 5 41
S 18 S 19	20 46 20 34	15 12 0n26	23 56 1 1	9 18 10 1 31	8 28 0 50	15 54 0 56 15 55 0 56	0 35 2 27 0 34 2 27	2 20 0 47	12 43 1 48	20 44 14 4	14 5	13 53 16 31 13 52 16 32	6 58 5 40
M20 T 21	20 21	18 59 2 25	23 43 1 2 23 34 1 3	9 17 26 1 32	7 51 0 48		0 34 2 28 0 34 2 28	2 21 0 47	12 43 1 48	20 45 14 5	14 4	13 52 16 32 13 51 16 33 13 50 16 34	6 56 5 40
W22 T 23 F 24	19 42	18 18 4 34	23 24 1 3 23 12 1 4 22 59 1 4	2 16 17 1 33	6 56 0 46	15 57 0 55 15 58 0 54 15 59 0 54	0 33 2 28 0 33 2 29 0 32 2 29	2 22 0 47 2 22 0 47 2 23 0 47	12 43 1 48	20 48 14 6	13 55	13 49 16 35 13 48 16 36 13 47 16 37	6 53 5 39
S 25	19 13	13 19 5 0	22 44 1 4	19 15 29 1 33	6 19 0 44	16 0 0 54	0 32 2 29	2 23 0 47	12 43 1 48	20 49 14 6	13 46	13 46 16 38	6 51 5 39
S 26 M27 T 28	18 59 18 44 18 28	5 30 4 23	22 28 1 5 22 11 1 5 21 51 1 5	5 14 39 1 33	6 0 0 43 5 42 0 43 5 23 0 42	16 2 0 53	0 31 2 29 0 30 2 30 0 30 2 30	2 24 0 47 2 24 0 47 2 25 0 47		20 51 14 7	13 38	13 44 16 39 13 43 16 40 13 42 16 41	
W29 T 30	18 13 17 57	3n36 2 46 8 3 1 41	21 31 2 21 9 2	0 13 47 1 32 1 13 21 1 32	5 4 0 41 4 45 0 40	16 5 0 53 16 6 0 53	0 29 2 30 0 28 2 31	2 26 0 47 2 26 0 47	12 44 1 48 12 44 1 48	20 52 14 8 20 53 14 8	13 33 1 13 32 1	13 41 16 42 13 40 16 43	6 46 5 38 6 45 5 38
F 31	17 s40	12n 6 0n29	20 s45 2 s	3 12 s54 1 s31	4 s27 0 s40	16n 8 0s52	0s27 2n31	2n27 0n47	12n44 1 s48	20n54 14n 8	13 s32	13 s39 16 s44	6 s 4 3 5 n 3 8

Julian Day Number = 2347815.5, Delta T = 10.69 sec Ecliptic obliquity = 23°28'27, Nutation =  $0^\circ00'11$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^\circ46'32$ , Lahiri =  $19^\circ53'33$ Greg. Calendar

FEBRUARY 1716 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ	)∤(	¥	Р	u	v	Ç	ķ	Day
S 1	8 41 15	11≈21'31	14830	7≈49	1 <b>)</b> 17	21 <b>米</b> 6	17 <b>8</b> 9	6°R55	25°R39	8 <b>8</b> 45	9°R54	5°R58	6 <b>M</b> 17	20 <b>M</b> 50	28≈35	S 1
S 2	8 45 12	12°22'21	28°37	9°32	2°32	21°52	17°13	6₽53	25 <b>m</b> 37	8°45	9 <b>m</b> 52	5 <b>M</b> .58	6°14	20°57	28°39	S 2
M 3	8 49 8	13°23'09	12 <b>Ⅱ</b> 48	11°16	3°46	22°37	17°18	6°52	25°35	8°46	9°51	5°55	6°11	21° 4	28°43	M 3
T 4	8 53 5	14°23'55	27° 1	13° 1	5° 1	23°23	17°22	6°50	25°34	8°46	9°50	5°50	6° 8	21°10	28°47	T 4
W 5	8 57 1	15°24'40	119512	14°46	6°16	24° 9	17°27	6°48	25°32	8°47	9°48	5°42	6° 5	21°17	28°51	W 5
T 6	9 0 58	16°25'24	25°19	16°32	7°30	24°55	17°32	6°46	25°30	8°47	9°47	5°31	6° 2	21°24	28°55	T 6
F 7	9 4 55	17°26'06	9Ω15	18°19	8°45	25°40	17°37	6°44	25°28	8°48	9°45	5°19	5°58	21°30	28°59	F 7
S 8	9 8 5 1	18°26'46	22°56	20° 6	10° 0	26°26	17°42	6°41	25°26	8°49	9°44	5° 7	5°55	21°37	29° 3	S 8
S 9	9 12 48	19°27'25	6 <b>m</b> 19	21°55	11°14	27°11	17°48	6°39	25°24	8°49	9°43	4°55	5°52	21°44	29° 7	S 9
M10	9 16 44	20°28'03	19°22	23°44	12°29	27°57	17°53	6°37	25°22	8°50	9°41	4°45	5°49	21°50	29°11	M10
T 11	9 20 41	21°28'40	2 <b>º</b> 4	25°33	13°43	28°43	17°59	6°34	25°21	8°51	9°40	4°38	5°46	21°57	29°15	T 11
W12	9 24 37	22°29'15	14°27	27°23	14°58	29°28	18° 5	6°31	25°18	8°52	9°38	4°34	5°42	22° 4	29°19	W12
T 13	9 28 34	23°29'49	26°34	29°14	16°12	o <b>Υ</b> 13	18°11	6°29	25°16	8°52	9°37	4°32	5°39	22°10	29°23	T 13
F 14	9 32 30	24°30'21	8 <b>M</b> .30	1 <b>)</b> 5	17°27	0°59	18°17	6°26	25°14	8°53	9°35	4°D32	5°36	22°17	29°28	F 14
S 15	9 36 27	25°30'53	20°19	2°57	18°41	1°44	18°24	6°23	25°12	8°54	9°34	4°R32	5°33	22°23	29°32	S 15
S 16	9 40 24	26°31'23	2 <b>√</b> 7	4°48	19°56	2°30	18°31	6°20	25°10	8°55	9°32	4°32	5°30	22°30	29°36	S 16
M17	9 44 20	27°31'52	14° 0	6°40	21°10	3°15	18°37	6°17	25° 8	8°56	9°31	4°31	5°27	22°37	29°40	M17
T 18	9 48 17	28°32'20	26° 3	8°31	22°24	4° 0	18°44	6°14	25° 6	8°57	9°29	4°27	5°23	22°43	29°44	T 18
W19	9 52 13	29°32'46	8 <b>云</b> 20	10°22	23°38	4°45	18°51	6°11	25° 3	8°58	9°28	4°21	5°20	22°50	29°48	W19
T 20	9 56 10	0 <b>)</b> €33'10	20°55	12°12	24°53	5°31	18°59	6° 7	25° 1	8°59	9°26	4°12	5°17	22°57	29°52	T 20
F 21	10 0 6	1°33'34	3≈50	14° 2	26° 7	6°16	19° 6	6° 4	24°59	9° 0	9°24	4° 2	5°14	23° 3	29°56	F 21
S 22	10 4 3	2°33'55	17° 6	15°49	27°21	7° 1	19°14	6° 0	24°56	9° 1	9°23	3°51	5°11	23°10	0 <b>∺</b> 0	S 22
S 23	10 7 59	3°34'15	0 <b>)</b> (40	17°35	28°35	7°46	19°21	5°57	24°54	9° 2	9°21	3°40	5° 8	23°17	0° 5	S 23
M24	10 11 56	4°34'33	14°32	19°19	29°49	8°31	19°29	5°53	24°52	9° 4	9°20	3°31	5° 4	23°23	0° 9	M24
T 25	10 15 53	5°34'50	28°35	21° 0	1 <b>Υ</b> 3	9°16	19°37	5°50	24°49	9° 5	9°18	3°24	5° 1	23°30	0°13	T 25
W26	10 19 49	6°35'04	12 <b>Y</b> 47	22°38	2°17	10° 1	19°45	5°46	24°47	9° 6	9°17	3°20	4°58	23°37	0°17	W26
T 27	10 23 46	7°35'17	27° 1	24°12	3°31	10°46	19°54	5°42	24°44	9° 7	9°15	3°D18	4°55	23°43	0°21	T 27
F 28	10 27 42	8°35'27	11816	25°41	4°45	11°31	20° 2	5°38	24°42	9° 9	9°13	3°18	4°52	23°50	0°25	F 28
S 29	10 31 39	9 <b>)</b> (35'36	25 <b>8</b> 28	27 <b>)</b> 6	5 <b>Ƴ</b> 59	12 <b>Y</b> 16	20810	5 <b>≏</b> 34	24 Mp 40	9 <b>8</b> 10	9 <b>m</b> 12	3 <b>M</b> .19	4 <b>M</b> .48	23 <b>M</b> 57	0 <b>∺</b> 29	S 29

Day	0	D		ğ	i	Q		d	7	2	+	ħ	Į.	);	<del>j</del> (	<del>,</del>	(	E	2	ß	Ω	Ç	J	\$
	decl	decl la	ıt	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	de	el de	el dec	decl	lat
S 1	17 s24	15n30	0 s45	20 s20	2s 4	12 s27	1 s31	4 s 8	0 s 3 9	16n 9	0 s52	0s26	2n31	2n27	0n47	12n44	1 s48	20n55	14n 9	9 13 s3	32 13 s	8 16s4	6 s42	5n38
S 2	17 7	17 59	1 57	19 53	2 4	12 0	1 31	3 49	0 38	16 10	0 52	0 25	2 31	2 28	0 47	12 44	1 48	20 55	14	9 13 3	32 13 3	7 16 45	6 41	5 37
M 3	16 50	19 22	3 2	19 25	2 5	11 32	1 30	3 30	0 37	16 12	0 51	0 24	2 32	2 29	0 47	12 45	1 47	20 56	14	9 13 3	31 13 3	6 16 40	6 40	5 37
T 4	16 32	19 31	3 55	18 55	2 4	11 4	1 29	3 11	0 36	16 13	0 51	0 23	2 32	2 30	0 47	12 45	1 47	20 57	14	9 13 2	29 13 3	5 16 47	6 39	5 37
W 5	16 14	18 27	4 34	18 24	2 4	10 36	1 29	2 52	0 36	16 15	0 51	0 22	2 32	2 30	0 47	12 45	1 47	20 58	14 10	0 13 2	26 13 3	16 48	6 37	5 37
T 6	15 56	16 15	4 56	17 51	2 3	10 7	1 28	2 34	0 35	16 17	0 51	0 21	2 32	2 31	0 47	12 45	1 47	20 58	14 10	0 13 2	23 13 3	3 16 49	6 36	5 37
F 7	15 38	13 8	5 0	17 17	2 1	9 38	1 27	2 15	0 34	16 18	0 50	0 20	2 33	2 32	0 48	12 46	1 47	20 59	14 10	0 13 1	9 13 3	2 16 50	6 35	5 37
S 8	15 19	9 22	4 47	16 41	1 59	9 9	1 26	1 56	0 33	16 20	0 50	0 19	2 33	2 33	0 48	12 46	1 47	21 0	14 10	0 13 1	5 13 3	1 16 5	6 33	5 37
S 9	15 0	5 13	4 18	16 4	1 56	8 40	1 25	1 37	0 33	16 22	0 50	0 18	2 33	2 33	0 48	12 46	1 47	21 1	14 1	1 13 1	1 13 3	0 16 52	6 32	5 37
M10	14 41	0 55	3 35	15 25	1 53	8 11	1 24	1 18	0 32	16 24	0 50	0 17	2 33	2 34	0 48	12 46	1 47	21 2	14 1	1 13	7 13 2	9 16 53	6 31	5 36
T 11	14 22	3 s 1 9	2 43	14 44	1 49	7 41	1 23	0 59	0 31	16 25	0 49	0 16	2 34	2 35	0 48	12 47	1 47	21 2	14 1	1 13	5 13 2	16 53	6 30	5 36
W12	14 2	7 19	1 45	14 3	1 45	7 11	1 21	0 40	0 30	16 27	0 49	0 14	2 34	2 36	0 48	12 47	1 47	21 3	14 1	1 13	4 13 2	7 16 54	6 28	5 36
T 13	13 42	10 55	0 42	13 19	1 40	6 41	1 20	0 22	0 29	16 29	0 49	0 13	2 34	2 37	0 48	12 47	1 47	21 4	14 1	1 13	3 13 2	16 55	6 27	5 36
F 14	13 22	14 1	0n21	12 35	1 35	6 11	1 19	0 3	0 29	16 31	0 49	0 12	2 34	2 37	0 48	12 48	1 47	21 5	14 12	2 13	3 13 2	16 50	6 26	5 36
S 15	13 2	16 31	1 23	11 49	1 29	5 40	1 17	0n16	0 28	16 33	0 48	0 10	2 35	2 38	0 48	12 48	1 47	21 5	14 12	2 13	3 13 2	16 5	6 24	5 36
S 16	12 42	18 18	2 22	11 2	1 22	5 10	1 16	0 35	0 27	16 35	0 48	0 9	2 35	2 39	0 48	12 48	1 47	21 6	14 12	2 13	3 13 2	2 16 58	6 23	5 36
M17	12 21	19 18	3 14	10 14	1 15	4 39	1 14	0 53	0 26	16 37	0 48	0 8	2 35	2 40	0 48	12 49	1 47	21 7	14 12	2 13	3 13 2	1 16 59	6 22	5 36
T 18	12 0	19 26	3 59	9 25	1 7	4 8	1 13	1 12	0 26	16 40	0 48	0 6	2 35	2 41	0 48	12 49	1 47	21 8	14 12	2 13	1 13 2	20 17 (	6 20	5 36
W19	11 39	18 40	4 34	8 35	0 58	3 37	1 11	1 31	0 25	16 42	0 47	0 5	2 35	2 42	0 48	12 50	1 47	21 8	14 12	2 12 5	9 13	9 17 (	6 19	5 36
T 20	11 18	16 58	4 56	7 44	0 49	3 6	1 9	1 50	0 24	16 44	0 47	0 3	2 36	2 43	0 48	12 50	1 46	21 9	14 13	3 12 5	6 13	8 17	6 17	5 36
F 21	10 56	14 24	5 4	6 53	0 39	2 35	1 8	2 8	0 23	16 46	0 47	0 2	2 36	2 44	0 48	12 50	1 46	21 10	14 13	3 12 5	3 13	7 17 2	6 16	5 36
S 22	10 35	11 2	4 56	6 2	0 28	2 4	1 6	2 27	0 22	16 49	0 47	0 0	2 36	2 45	0 48	12 51	1 46	21 10	14 13	3 12 4	19 13	6 17 3	6 15	5 36
S 23	10 13	7 1	4 31	5 10	0 17	1 32	1 4	2 45	0 22	16 51	0 46	0n 1	2 36	2 46	0 48	12 51	1 46	21 11	14 13	3 12 4	16 13	5 17 4	6 13	5 36
M24	9 51	2 33	3 50	4 19	0 5	1 1	1 2	3 4	0 21	16 53	0 46	0 3	2 36	2 47	0 48	12 52	1 46	21 12	14 13	3 12 4	12 13	4 17 5	6 12	5 36
T 25	9 29	2n 7	2 55	3 28	0n 7	0 30	1 0	3 22	0 20	16 56	0 46	0 5	2 37	2 48	0 48	12 52	1 46	21 13	14 13	3 12 4	10 13	3 17 (	6 10	5 36
W26	9 6	6 42	1 48	2 37	0 20	0n 2	0 58	3 41	0 19	16 58	0 46	0 6	2 37	2 49	0 48	12 52	1 46	21 13	14 13	3 12 3	9 13	2 17 (	6 9	5 36
T 27	8 44	10 57	0 34	1 48	0 33	0 33	0 56	3 59	0 19	17 0	0 46	0 8	2 37	2 50	0 48	12 53	1 46	21 14	14 13	3 12 3	88 13	1 17 3	6 8	5 36
F 28	8 22	14 33	0 s43	1 0	0 47	1 4	0 53	4 17	0 18	17 3	0 45	0 10	2 37	2 51	0 48	12 53	1 46	21 15	14 13	3 12 3	88 13	0 17 8	6 6	5 36
S 29	7 s59	17n16	1 s56	0s13	1n 1	1n36	0s51	4n35	0s17	17n 5	0 s45	0n11	2n37	2n52	0n48	12n54	1 s46	21n15	14n14	4 12 s3	88 13 s	9 17s 9	6s 5	5n36

 $\label{eq:Julian Day Number = 2347846.5, Delta T = 10.68 sec} \\ Ecliptic obliquity = 23°28'27, Nutation = 0°00'12, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 20°46'37, Lahiri = 19°53'37Greg. Calendar \\ \\$ 

MARCH 1716 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂ <sup>1</sup>	4	ħ	)∤(	₩	Р	n	Ω	Ç	ķ	Day
S 1	10 35 35	10 <b>)</b> 35'42	9П36	28 <b>米</b> 25	7 <b>Υ</b> 13	13 <b>°</b> 1	20819	5°R30	24°R37	9811	9°R10	3°R19	4 <b>M</b> .45	24M 3	0 <b>)</b> €33	S 1
M 2	10 39 32	11°35'46	23°38	29°38	8°27	13°45	20°28	5 <b>₽</b> 26	24 Mp 35	9°13	9 <b>m</b> ) 9	3ML19	4°42	24°10	0°37	M 2
T 3	10 43 28	12°35'48	7934	0 <b>Υ</b> 45	9°40	14°30	20°37	5°22	24°32	9°14	9° 7	3°16	4°39	24°17	0°41	T 3
W 4	10 47 25	13°35'48	21°23	1°44	10°54	15°15	20°46	5°18	24°29	9°15	9° 6	3°11	4°36	24°23	0°45	W 4
T 5	10 51 21	14°35'45	5 <b>N</b> 3	2°36	12° 8	15°59	20°55	5°14	24°27	9°17	9° 4	3° 4	4°33	24°30	0°49	T 5
F 6	10 55 18	15°35'41	18°31	3°20	13°21	16°44	21° 4	5°10	24°24	9°18	9° 2	2°56	4°29	24°37	0°53	F 6
S 7	10 59 15	16°35'34	1 <b>m</b> ) 47	3°55	14°35	17°28	21°14	5° 5	24°22	9°20	9° 1	2°48	4°26	24°43	0°57	S 7
S 8	11 3 11	17°35'25	14°49	4°22	15°48	18°13	21°23	5° 1	24°19	9°21	8°59	2°40	4°23	24°50	1° 1	S 8
M 9	11 7 8	18°35'15	27°35	4°41	17° 2	18°57	21°33	4°57	24°17	9°23	8°58	2°34	4°20	24°56	1° 5	M 9
T 10	11 11 4	19°35'02	10 <b>♀</b> 5	4°50	18°15	19°42	21°43	4°52	24°14	9°25	8°56	2°29	4°17	25° 3	1° 9	T 10
W11	11 15 1	20°34'47	22°22	4°R51	19°28	20°26	21°53	4°48	24°11	9°26	8°55	2°27	4°13	25°10	1°13	W11
T 12	11 18 57	21°34'31	4M26	4°44	20°42	21°10	22° 3	4°43	24° 9	9°28	8°53	2°D26	4°10	25°16	1°17	T 12
F 13	11 22 54	22°34'13	16°20	4°29	21°55	21°55	22°13	4°39	24° 6	9°29	8°52	2°27	4° 7	25°23	1°21	F 13
S 14	11 26 50	23°33'53	28°10	4° 6	23° 8	22°39	22°23	4°34	24° 4	9°31	8°50	2°29	4° 4	25°30	1°25	S 14
S 15	11 30 47	24°33'32	9 <b>∡</b> 759	3°36	24°21	23°23	22°33	4°30	24° 1	9°33	8°49	2°30	4° 1	25°36	1°29	S 15
M16	11 34 44	25°33'08	21°52	2°59	25°34	24° 7	22°44	4°25	23°58	9°34	8°47	2°R31	3°58	25°43	1°33	M16
T 17	11 38 40	26°32'43	3 <b>る</b> 54	2°18	26°47	24°51	22°54	4°20	23°56	9°36	8°46	2°31	3°54	25°50	1°37	T 17
W18	11 42 37	27°32'16	16°11	1°32	28° 0	25°35	23° 5	4°16	23°53	9°38	8°44	2°29	3°51	25°56	1°40	W18
T 19	11 46 33	28°31'48	28°47	0°42	29°13	26°19	23°16	4°11	23°51	9°40	8°43	2°26	3°48	26° 3	1°44	T 19
F 20	11 50 30	29°31'17	11≈44	29 <b>米</b> 51	0826	27° 3	23°27	4° 6	23°48	9°42	8°41	2°22	3°45	26°10	1°48	F 20
S 21	11 54 26	0 <b>Υ</b> 30'45	25° 6	28°58	1°38	27°47	23°38	4° 2	23°45	9°43	8°40	2°17	3°42	26°16	1°52	S 21
S 22	11 58 23	1°30'10	8 <b>¥</b> 52	28° 5	2°51	28°31	23°49	3°57	23°43	9°45	8°38	2°12	3°39	26°23	1°55	S 22
M23	12 2 19	2°29'34	22°59	27°13	4° 4	29°15	24° 0	3°52	23°40	9°47	8°37	2° 7	3°35	26°30	1°59	M23
T 24	12 6 16	3°28'56	7 <b>Υ</b> 24	26°23	5°16	29°58	24°11	3°48	23°38	9°49	8°35	2° 4	3°32	26°36	2° 3	T 24
W25	12 10 13	4°28'16	22° 1	25°36	6°29	0 <b>8</b> 42	24°22	3°43	23°35	9°51	8°34	2° 3	3°29	26°43	2° 6	W25
T 26	12 14 9	5°27'33	6 <b>8</b> 43	24°53	7°41	1°26	24°34	3°38	23°32	9°53	8°33	2°D 2	3°26	26°50	2°10	T 26
F 27	12 18 6	6°26'49	21°23	24°14	8°53	2° 9	24°45	3°34	23°30	9°55	8°31	2° 3	3°23	26°56	2°13	F 27
S 28	12 22 2	7°26'02	5 <b>Ⅱ</b> 56	23°40	10° 6	2°53	24°57	3°29	23°27	9°57	8°30	2° 5	3°19	27° 3	2°17	S 28
S 29	12 25 59	8°25'13	20°18	23°10	11°18	3°36	25° 8	3°24	23°25	9°59	8°29	2° 6	3°16	27°10	2°20	S 29
M30	12 29 55	9°24'22	49925	22°46	12°30	4°20	25°20	3°20	23°22	10° 1	8°27	2°R 7	3°13	27°16	2°24	M30
T 31	12 33 52	10 <b>Y</b> 23'28	189518	22 <b>米</b> 28	13842	5 <b>8</b> 3	25 <b>8</b> 32	3 <b>≏</b> 15	23 <b>m</b> 20	108 3	8 <b>m</b> 26	2 <b>m</b> 7	3 <b>M</b> 10	27 <b>M</b> 23	2 <b>)</b> 27	T 31

Day	0	D	ğ	·	♂ <sup>1</sup>	4	ħ	)Å(	并	Р	ß	v t	ķ
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl	decl decl	decl lat
S 1	7 s36	18n55 3s 2	0n31 1n15			17n 8 0s45	0n13 2n37	2n53 0n48		21n16 14n14			
M 2 T 3	7 13	19 22 3 57 18 39 4 37	1 13 1 29 1 52 1 43			17 10 0 45 17 13 0 44	0 15 2 38 0 17 2 38	2 54 0 48 2 55 0 48		21 17 14 14 21 17 14 14		3 6 17 10	6 2 5 36
W 4	6 51 6 28	16 49 5 1	1 52 1 43 2 28 1 57			17 16 0 44	0 17 2 38 0 18 2 38	2 55 0 48 2 56 0 48				3 5 17 11 3 4 17 12	6 1 5 36 5 59 5 36
T 5	6 4	14 4 5 7	3 1 2 10			17 18 0 44	0 20 2 38	2 57 0 48		-	12 33 1	-	5 58 5 36
F 6	5 41	10 36 4 56				17 21 0 44	0 22 2 38	2 58 0 48			12 31 1		5 56 5 36
S 7	5 18	6 39 4 29	3 56 2 35			17 24 0 44	0 24 2 38			21 20 14 14			5 55 5 36
S 8	4 55	2 28 3 49	4 18 2 47	5 45 0 31	6 59 0 11	17 26 0 43	0 26 2 38	3 0 0 48	12 58 1 46	21 20 14 14	12 25 1	3 0 17 15	5 53 5 36
M 9	4 31	1 s45 2 57	4 35 2 58	8 6 15 0 29	7 16 0 10	17 29 0 43	0 28 2 39	3 1 0 48	12 58 1 45	21 21 14 14	12 23 1	2 59 17 16	5 52 5 36
T 10	4 8	5 49 1 58	4 47 3 7	6 46 0 26	7 34 0 10	17 32 0 43	0 29 2 39	3 2 0 48	12 59 1 45	21 22 14 14	12 21 1	2 58 17 17	5 51 5 36
W11	3 44	9 34 0 55	4 55 3 15	7 16 0 23	7 51 0 9	17 34 0 43	0 31 2 39	3 3 0 48	12 59 1 45	21 22 14 14	12 20 1	2 57 17 18	5 49 5 36
T 12	3 21	12 51 0n11	4 59 3 22		8 9 0 8	-, -, -,	0 33 2 39	3 4 0 48		-	- 1	2 56 17 18	5 48 5 36
F 13		15 33 1 15	4 58 3 28		8 26 0 8		0 35 2 39	3 5 0 48	-		12 20 1		5 46 5 36
S 14	2 34	17 35 2 16	4 52 3 31	8 46 0 15	8 43 0 7	17 43 0 42	0 37 2 39	3 6 0 48	13 1 1 45	21 24 14 14	12 21 1	2 54 17 20	5 45 5 36
S 15	2 10	18 50 3 10	4 42 3 33		9 0 0 6	-,	0 39 2 39	3 7 0 48	13 2 1 45	21 24 14 14	12 22 1	2 52 17 21	5 43 5 36
M16	1 46	19 17 3 57	4 27 3 34		9 17 0 5	-,	0 41 2 39	3 8 0 48	-	-			5 42 5 36
T 17	1 23	18 51 4 35	4 9 3 32		9 34 0 5	-, -, -, -	0 43 2 39	3 9 0 48		-			5 41 5 36
W18	0 59	17 32 5 0	3 48 3 28		9 51 0 4	17 54 0 41	0 45 2 39	3 10 0 48				2 49 17 23	5 39 5 36
T 19			3 23 3 23		10 7 0 3	17 57 0 41	0 46 2 40	3 11 0 48			-	2 48 17 24	5 38 5 36
F 20 S 21	-	12 21 5 8 8 39 4 48	2 56 3 16 2 26 3 7		10 24 0 3 10 40 0 2	18 0 0 41 18 3 0 41	0 48 2 40 0 50 2 40	3 12 0 48 3 13 0 48		21 27 14 13 21 27 14 13	-		5 36 5 37 5 35 5 37
S 21	0n12		/										
M23	0 36	4 23 4 11	1 56 2 56		10 57 0 1 11 13 0 1	18 6 0 41 18 9 0 40	0 52 2 40	3 14 0 48		21 28 14 13	-		
T 24	1 23	0n15 3 18 4 57 2 11	1 24 2 44 0 53 2 31				0 54 2 40 0 56 2 40	3 15 0 48 3 16 0 48		-		2 44 17 27 2 43 17 28	5 32 5 37 5 31 5 37
W25	1 47	9 26 0 55	0 33 2 31 0 21 2 17			18 15 0 40	0 58 2 40	3 17 0 48			-	2 43 17 28	5 29 5 37
T 26	2 10	13 22 0s26	0s 9 2 3		12 1 0 2		1 0 2 40	3 18 0 48		21 30 14 13			5 28 5 37
F 27	-	16 27 1 44	0 39 1 47				1 2 2 40	3 19 0 48		21 30 14 13			
S 28	-				-		1 4 2 40	3 20 0 48		21 30 14 12			
S 29	3 21	19 12 3 55	1 33 1 16	5 15 44 0 31	12 48 0 4	18 26 0 39	1 5 2 40	3 21 0 48	13 10 1 45	21 31 14 12	12 13 1	2 37 17 31	5 24 5 38
M30	3 44	18 45 4 39	1 57 1 0		13 3 0 4		1 7 2 40	3 22 0 48	13 11 1 45	21 31 14 12	12 13 1	2 36 17 32	5 23 5 38
T 31	4n 7	17n10 5s 6	2s19 0n44	16n34 0n37	13n18 On 5	18n32 0s39	1n 9 2n40	3n23 0n48	13n12 1s45	21n32 14n12	12 s13 1	2 s 3 5 1 7 s 3 3	5 s 2 1 5 n 3 8

Julian Day Number = 2347875.5, Delta T = 10.68 sec Ecliptic obliquity = 23°28'27, Nutation =  $0^\circ00'11$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^\circ46'41$ , Lahiri =  $19^\circ53'41$ Greg. Calendar

APRIL 1716 00:00 UT

		-													••••	
Day	Sid.t	0	D	ğ	ρ	ð	4	ħ	)∤(	¥	Р	n	v	Ç	ķ	Day
W 1	12 37 48	11 <b>Y</b> 22'32	1 <b>Q</b> 55	22°R15	14854	5 <b>8</b> 47	25844	3°R10	23°R18	108 5	8°R25	2°R 5	3 <b>m</b> 7	27 <b>M</b> 30	2 <b>)</b> (31	W 1
T 2	12 41 45	12°21'33	15°16	22 <b>米</b> 8	16° 6	6°30	25°56	3 <b>₾</b> 6	23 m/15	10° 7	8 Mp 23	2M 3	3° 4	27°36	2°34	T 2
F 3	12 45 41	13°20'32	28°23	22°D 6	17°18	7°13	26° 8	3° 1	23°13	10° 9	8°22	2° 1	3° 0	27°43	2°37	F 3
S 4	12 49 38	14°19'29	11 Mp 16	22°10	18°30	7°56	26°20	2°57	23°10	10°11	8°21	1°58	2°57	27°50	2°41	S 4
S 5	12 53 35	15°18'24	23°55	22°19	19°41	8°40	26°32	2°52	23° 8	10°13	8°20	1°56	2°54	27°56	2°44	S 5
M 6	12 57 31	16°17'16	6 <b>₽</b> 22	22°33	20°53	9°23	26°44	2°48	23° 6	10°15	8°19	1°54	2°51	28° 3	2°47	M 6
T 7	13 1 28	17°16'07	18°37	22°52	22° 5	10° 6	26°57	2°43	23° 3	10°17	8°17	1°52	2°48	28° 9	2°51	T 7
W 8	13 5 24	18°14'55	0 <b>M</b> .43	23°15	23°16	10°49	27° 9	2°39	23° 1	10°19	8°16	1°D52	2°45	28°16	2°54	W 8
T 9	13 9 21	19°13'42	12°41	23°43	24°27	11°32	27°22	2°34	22°59	10°21	8°15	1°52	2°41	28°23	2°57	T 9
F 10	13 13 17	20°12'27	24°33	24°16	25°39	12°15	27°34	2°30	22°56	10°24	8°14	1°53	2°38	28°29	3° 0	F 10
S 11	13 17 14	21°11'10	6 <b>₹</b> 22	24°52	26°50	12°58	27°47	2°26	22°54	10°26	8°13	1°54	2°35	28°36	3° 3	S 11
S 12	13 21 10	22° 9'51	18°11	25°32	28° 1	13°40	27°59	2°21	22°52	10°28	8°12	1°55	2°32	28°43	3° 6	S 12
M13	13 25 7	23° 8'30	0중 5	26°16	29°12	14°23	28°12	2°17	22°50	10°30	8°11	1°56	2°29	28°49	3° 9	M13
T 14	13 29 4	24° 7'08	12° 7	27° 4	0Ⅲ23	15° 6	28°25	2°13	22°48	10°32	8°10	1°57	2°25	28°56	3°12	T 14
W15	13 33 0	25° 5'44	24°22	27°55	1°34	15°49	28°37	2° 9	22°46	10°34	8° 9	1°R57	2°22	29° 3	3°15	W15
T 16	13 36 57	26° 4'18	6≈55	28°49	2°45	16°31	28°50	2° 5	22°44	10°37	8° 8	1°57	2°19	29° 9	3°18	T 16
F 17	13 40 53	27° 2'51	19°49	29°46	3°55	17°14	29° 3	2° 1	22°42	10°39	8° 7	1°56	2°16	29°16	3°20	F 17
S 18	13 44 50	28° 1'22	3 <b>∺</b> 8	0 <b>Υ</b> 46	5° 6	17°56	29°16	1°57	22°40	10°41	8° 6	1°56	2°13	29°23	3°23	S 18
S 19	13 48 46	28°59'51	16°53	1°49	6°16	18°39	29°29	1°53	22°38	10°43	8° 5	1°56	2°10	29°29	3°26	S 19
M20	13 52 43	29°58'19	1 <b>Υ</b> 4	2°54	7°27	19°21	29°42	1°49	22°36	10°45	8° 4	1°55	2° 6	29°36	3°29	M20
T 21	13 56 39	0 <b>8</b> 56'45	15°37	4° 3	8°37	20° 4	29°55	1°45	22°34	10°48	8° 4	1°55	2° 3	29°43	3°31	T 21
W22	14 0 36	1°55'09	0829	5°13	9°47	20°46	0 <b>Π</b> 9	1°41	22°32	10°50	8° 3	1°55	2° 0	29°49	3°34	W22
T 23	14 4 33	2°53'31	15°30	6°26	10°57	21°29	0°22	1°38	22°30	10°52	8° 2	1°55	1°57	29°56	3°36	T 23
F 24	14 8 29	3°51'52	0 <b>Ⅱ</b> 33	7°42	12° 7	22°11	0°35	1°34	22°29	10°54	8° 1	1°55	1°54	0 <b>∡</b> 3	3°39	F 24
S 25	14 12 26	4°50'11	15°29	8°59	13°17	22°53	0°48	1°30	22°27	10°57	8° 1	1°55	1°50	0° 9	3°41	S 25
S 26	14 16 22	5°48'27	09୍ତୀ 1	10°19	14°27	23°35	1° 2	1°27	22°25	10°59	8° 0	1°54	1°47	0°16	3°44	S 26
M27	14 20 19	6°46'42	14°33	11°41	15°37	24°18	1°15	1°24	22°23	11° 1	7°59	1°54	1°44	0°23	3°46	M27
T 28	14 24 15	7°44'54	28°33	13° 5	16°46	25° 0	1°28	1°20	22°22	11° 3	7°59	1°54	1°41	0°29	3°48	T 28
W29	14 28 12	8°43'05	$12\Omega$ 9	14°31	17°56	25°42	1°42	1°17	22°20	11° 6	7°58	1°D54	1°38	0°36	3°50	W29
T 30	14 32 8	9 <b>8</b> 41'13	$25\Omega 24$	15 <b>Y</b> 59	19 <b>I</b> I 5	26 <b>8</b> 24	1 <b>II</b> 55	1 <b>₽</b> 14	22 m 19	118 8	7 <b>m</b> 57	1 <b>M</b> 54	1 <b>M</b> .35	0 <b>∡</b> 743	3 <b>∺</b> 53	T 30

Day	0	D	ğ	Q	ď	4	ħ	)Å(	并	Р	ß	Ω	Ç	ķ
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl	decl	decl	decl lat
W 1	4n30	14n38 5s15	2 s 3 8 0 n 2	29 16n59 0n41	13n33 On 6	18n35 0s39	1n11 2n40	3n24 0n48	13n12 1s45	21n32 14n12	12 s13 1	2 s 3 4 1 7	7 s33	5 s20 5n38
T 2	4 53	11 23 5 7	2 55 0 1	13 17 23 0 44	13 48 0 6	18 38 0 39	1 13 2 40	3 25 0 48	13 13 1 45	21 32 14 11	12 12 1	2 33 17	7 34	5 18 5 38
F 3	5 16	7 38 4 43	3 10 0s	2 17 46 0 47	14 3 0 7	18 41 0 39	1 15 2 40	3 26 0 48	13 14 1 45	21 32 14 11	12 11 1	2 32 17	7 35	5 17 5 38
S 4	5 39	3 35 4 5	3 21 0 1	16 18 10 0 50	14 18 0 8	18 44 0 38	1 16 2 40	3 27 0 48	13 14 1 45	21 33 14 11	12 11 1	2 31 17	7 35	5 16 5 39
S 5	6 2	0s34 3 15	3 31 0 3	30 18 32 0 53	14 32 0 8	18 47 0 38	1 18 2 40	3 28 0 48	13 15 1 44	21 33 14 11	12 10 1	2 30 17	7 36	5 14 5 39
M 6	6 25	4 37 2 17	3 37 0 4	43 18 55 0 56	14 47 0 9	18 50 0 38	1 20 2 40	3 29 0 48	13 16 1 44	21 33 14 11	12 9 1	2 29 17	7 37	5 13 5 39
T 7	6 47	8 26 1 13	3 41 0 5	56 19 16 1 0	15 1 0 10	18 53 0 38	1 22 2 40	3 30 0 48	13 16 1 44	21 34 14 10	12 9 1	2 28 17	7 37	5 12 5 39
W 8	7 10	11 50 0 6	3 43 1	8 19 38 1 3	15 15 0 10	18 56 0 38	1 23 2 40	3 30 0 48	13 17 1 44	21 34 14 10	12 8 1	2 26 17	7 38	5 11 5 39
T 9	7 32	14 43 1n 0	3 42 1 1	19 19 58 1 6	15 29 0 11		1 25 2 40	3 31 0 48	13 18 1 44	21 34 14 10	12 8 1	2 25 17	7 39	5 9 5 40
F 10					15 43 0 11		1 27 2 40			21 34 14 10	-	2 24 17		5 8 5 40
S 11	8 17	18 27 3 0	3 34 1 4	40 20 39 1 12	15 57 0 12	19 5 0 37	1 28 2 40	3 33 0 48	13 19 1 44	21 34 14 10	12 9 1	2 23 17	7 40	5 7 5 40
S 12	8 39	19 8 3 50		49 20 58 1 15			1 30 2 39	3 34 0 48				2 22 17		5 5 5 40
M13	9 0	18 58 4 30				19 11 0 37	1 32 2 39				12 10 1			5 4 5 40
T 14	9 22					19 14 0 37	1 33 2 39				12 10 1			5 3 5 41
W15	9 44	16 6 5 15		13 21 52 1 24		19 17 0 37	1 35 2 39	3 36 0 48			12 10 1		-	5 2 5 41
T 16	10 5	13 28 5 17				19 20 0 37	1 36 2 39	3 37 0 48			12 10 1			5 1 5 41
F 17	10 26	10 6 5 2				19 23 0 36	1 38 2 39				12 10 1			4 59 5 41
S 18	10 47	6 8 4 32	2 0 2 3	31 22 42 1 32	17 28 0 16	19 26 0 36	1 39 2 39	3 39 0 47	13 24 1 44	21 35 14 8	12 10 1	2 16 17	7 45	4 58 5 41
S 19	11 8	1 44 3 45		36 22 57 1 35	17 40 0 17	19 29 0 36	1 41 2 39	3 39 0 47	13 25 1 44	21 36 14 8	12 10 1	2 14 17	7 45	4 57 5 42
M20	11 29	2n55 2 43				19 32 0 36	1 42 2 39	3 40 0 47			12 10 1		-	4 56 5 42
T 21	11 49	7 32 1 29				19 35 0 36	1 44 2 39	3 41 0 47			-	2 12 17		4 55 5 42
W22	12 9	11 47 0 8				19 38 0 36	1 45 2 38					2 11 17		4 54 5 42
T 23						19 40 0 36	1 46 2 38		13 27 1 44			2 10 17	-	4 52 5 43
F 24	-		0n27 2 5			19 43 0 36	1 48 2 38	3 43 0 47			-		-	4 51 5 43
S 25	13 9	19 3 3 39	0 57 2 5	51 24 16 1 51	18 51 0 21	19 46 0 35	1 49 2 38	3 43 0 47	13 29 1 44	21 36 14 6	12 9 1	2 8 17	7 49	4 50 5 43
S 26			1 28 2 5				1 50 2 38	3 44 0 47	13 30 1 44					4 49 5 43
M27	13 48		2 0 2 5		19 13 0 22		1 51 2 38		13 30 1 44					4 48 5 44
T 28	-	15 18 5 17			19 24 0 22		1 53 2 38		13 31 1 44				-	4 47 5 44
W29	-				19 35 0 23		1 54 2 38						-	4 46 5 44
T 30	14n44	8n30 4s51	3n44 2s4	47 25n 4 2n 3	19n45 0n24	20n 0 0s35	1n55 2n37	3n46 0n47	13n32 1 s44	21n36 14n 4	12 s 9 1	2s 2 17	7 s52	4 s 4 5 5 n 4 4

 $\label{eq:Julian Day Number = 2347906.5, Delta T = 10.67 sec} \\ Ecliptic obliquity = 23°28'27, Nutation = 0°00'09, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 20°46'45, Lahiri = 19°53'45Greg. Calendar$ 

MAY 1716 00:00 UT

Day	Sid.t	0	D	Ϋ́	φ	♂	4	ħ	)∤(	¥	Р	₽.	ດ	Ç	ę,	Day
F 1	14 36 5	10839'20	8 <b>m</b> )18	17 <b>Y</b> 30	20 <b>I</b> I14	27 <b>8</b> 6	2 <b>I</b> 9	1°R11	22°R17	11810	7°R57	1 <b>M</b> 55	1 <b>M</b> 31	0 <b>∡</b> 149	3 <b>∺</b> 55	F 1
S 2	14 40 2	11°37'24	20°56	19° 2	21°23	27°48	2°22	1 <u>₽</u> 8	22 Mp 16	11°12	7 <b>m</b> 56	1°55	1°28	0°56	3°57	S 2
$ _{S}$ 3	14 43 58	12°35'27	3 <b>≏</b> 19	20°36	22°32	28°29	2°36	1° 5	22°15	11°15	7°56	1°56	1°25	1° 3	3°59	S 3
M 4	14 43 58	12°33'27 13°33'27	15°30	20°36 22°12	22°32 23°41	28°29 29°11	2°49	1° 3	22°13	11°13	7°55	1°57	1°23	1° 9	4° 1	M 4
T 5	14 47 33	13 33 27 14°31'26	27°33	22°51	24°50	29°53	3° 3	0°59	22°12	11°17	7°55	1°R58	1°19	1°16	4° 3	T 5
W 6	14 51 51	14 31 20 15°29'24	9 <b>m</b> 29	25°31	25°58	0 <b>∏</b> 35	3°17	0°57	22°11	11°21	7°54	1°58	1°16	1°23	4° 5	W 6
T 7	14 59 44	16°27'20	21°20	27°13	27° 7	1°16	3°30	0°54	22°10	11°24	7°54	1°57	1°12	1°29	4° 7	T 7
F 8	15 3 41	17°25'14	3×710	28°57	28°15	1°58	3°44	0°52	22° 8	11°26	7°54	1°55	1° 9	1°36	4° 8	F 8
S 9	15 7 37	18°23'07	14°59	0 <b>8</b> 43	29°23	2°40	3°58	0°49	22° 7	11°28	7°53	1°53	1° 6	1°43	4°10	S 9
				_										_		
S 10	15 11 34	19°20'58	26°51	2°32	0931	3°21	4°12	0°47	22° 6	11°30	7°53	1°50	1° 3	1°49	4°12	S 10
M11	15 15 31	20°18'48	8 <b>궁</b> 47	4°22	1°39	4° 3	4°25	0°45	22° 5	11°33	7°53	1°48	1° 0	1°56	4°13	M11
T 12	15 19 27	21°16'37	20°52	6°14	2°47	4°44	4°39	0°42	22° 4	11°35	7°53	1°45	0°56	2° 3	4°15	T 12
W13	15 23 24	22°14'25	3≈ 8	8° 8	3°54	5°26	4°53	0°40	22° 3	11°37	7°52	1°43	0°53	2° 9	4°16	W13
T 14	15 27 20	23°12'11	15°39	10° 4	5° 1	6° 7	5° 7	0°38	22° 3	11°39	7°52	1°42	0°50	2°16	4°18	T 14
F 15	15 31 17	24° 9'56	28°29	12° 2	6° 9	6°48	5°21	0°37	22° 2	11°42	7°52	1°D42	0°47	2°23	4°19	F 15
S 16	15 35 13	25° 7'40	11 <b>) (</b> 42	14° 2	7°16	7°30	5°35	0°35	22° 1	11°44	7°52	1°43	0°44	2°29	4°21	S 16
S 17	15 39 10	26° 5'23	25°19	16° 3	8°23	8°11	5°48	0°33	22° 0	11°46	7°52	1°44	0°41	2°36	4°22	S 17
M18	15 43 6	27° 3'05	9 <b>Υ</b> 22	18° 7	9°29	8°52	6° 2	0°32	22° 0	11°48	7°52	1°45	0°37	2°43	4°23	M18
T 19	15 47 3	28° 0'46	23°51	20°12	10°36	9°33	6°16	0°30	21°59	11°50	7°D52	1°46	0°34	2°49	4°24	T 19
W20	15 50 59	28°58'26	8 <b>8</b> 42	22°19	11°42	10°14	6°30	0°29	21°58	11°53	7°52	1°R46	0°31	2°56	4°25	W20
T 21	15 54 56	29°56'05	23°49	24°27	12°49	10°55	6°44	0°27	21°58	11°55	7°52	1°45	0°28	3° 3	4°27	T 21
F 22	15 58 53	0Ⅲ53'43	9 <b>I</b> I 2	26°36	13°55	11°36	6°58	0°26	21°58	11°57	7°52	1°43	0°25	3° 9	4°28	F 22
S 23	16 2 49	1°51'19	24°13	28°46	15° 0	12°17	7°12	0°25	21°57	11°59	7°52	1°39	0°22	3°16	4°28	S 23
S 24	16 646	2°48'55	99510	0П57	16° 6	12°58	7°26	0°24	21°57	12° 1	7°52	1°35	0°18	3°23	4°29	S 24
M25	16 10 42	3°46'28	23°47	3° 9	17°12	13°39	7°40	0°23	21°57	12° 3	7°52	1°30	0°15	3°29	4°30	M25
T 26	16 14 39	4°44'01	7 <b>Ω</b> 59	5°21	18°17	14°20	7°54	0°22	21°56	12° 5	7°53	1°27	0°12	3°36	4°31	T 26
W27	16 18 35	5°41'32	21°42	7°33	19°22	15° 1	8° 8	0°22	21°56	12° 8	7°53	1°25	0° 9	3°43	4°32	W27
T 28	16 22 32	6°39'02	4 <b>m</b> 58	9°45	20°27	15°42	8°22	0°21	21°56	12°10	7°53	1°D24	0° 6	3°49	4°32	T 28
F 29	16 26 29	7°36'30	17°50	11°56	21°31	16°23	8°36	0°21	21°56	12°12	7°53	1°24	0° 2	3°56	4°33	F 29
S 30	16 30 25	8°33'57	0 <b>ჲ</b> 21	14° 6	22°36	17° 3	8°50	0°20	21°D56	12°14	7°54	1°25	29 <b>Ω</b> 59	4° 3	4°33	S 30
S 31	16 34 22	9∏31′23	12 <b>≏</b> 35	16 <b>II</b> 16	239540	17 <b>Ⅱ</b> 44	9 <b>Ⅱ</b> 4	0 <u>ჲ</u> 20	21 <b>m</b> 56	12816	7 <b>m</b> 54	1 <b>M</b> 27	29 <b>≙</b> 56	4 <b>₹</b> 9	4 <b>) (</b> 34	S 31

Day	0	D	ğ	·	ď	4		ħ	)‡(	卉	Р	ស	v t	Š,
	decl	decl lat	decl la	at decl lat	decl lat	decl lat	de	ecl lat	decl lat	decl lat	decl lat	decl	decl de	el decl lat
F 1 S 2	15n 2 15 21	4n31 4s16 0 24 3 29						n56 2n37 57 2 37	3n47 0n47 3 48 0 47		21n35 14n 4 21 35 14 4		2s 1 17s: 2 0 17 :	
S 3 M 4 T 5 W 6	15 38 15 56 16 13 16 30		6 17 6 57	2 34 25 30 2 2 29 25 35 2	11 20 25 0 2 13 20 35 0 2	6 20 12 0 6 20 14 0	-	58 2 37 59 2 37 0 2 37 1 2 36	3 49 0 47 3 49 0 47	13 35 1 44 13 36 1 44	21 35 14 3	12 10 1 12 10 1	1 59 17 3 1 58 17 3 1 57 17 3 1 56 17 3	55 4 41 5 45 55 4 40 5 46
T 7 F 8 S 9	16 47 17 3 17 20	18 8 2 44 19 3 3 36	9 4 9 47	2 12 25 46 2 2 5 25 48 2	18 21 3 0 2 20 21 11 0 2	8 20 23 0 9 20 25 0	34 2 34 2 34 2	3 2 36	3 50 0 47 3 51 0 47	13 38 1 44 13 39 1 44	21 35 14 2 21 34 14 1	12 10 1 12 9 1	1 55 17 3 1 54 17 3 1 52 17 3	57 4 37 5 46 58 4 36 5 47
S 10 M11 T 12 W13 T 14	18 6 18 21	18 21 4 51 16 45 5 10 14 22 5 15	11 15 12 0 12 45	1 50 25 50 2 1 42 25 51 2 1 34 25 50 2	23 21 28 0 3 24 21 36 0 3 25 21 44 0 3	0 20 30 0 0 20 33 0 1 20 36 0	34 2 33 2 33 2 33 2 33 2	4 2 36 5 2 35 6 2 35 6 2 35 7 2 35	3 52 0 47 3 52 0 47 3 52 0 47	13 40 1 44 13 41 1 44 13 41 1 44	21 34 14 1 21 34 14 0	12 7 1 12 6 1 12 5 1	1 51 17 3 1 50 17 3 1 49 17 3 1 48 18 1 47 18	59 4 35 5 47
F 15 S 16	18 50 19 5	7 37 4 42	14 16	1 16 25 47 2	27 22 0 0 3	2 20 41 0	33 2 33 2	7 2 35 8 2 34		13 43 1 44	21 33 13 59 21 33 13 59	12 5 1	1 46 18 1 45 18	1 4 32 5 48 2 4 31 5 49
S 17 M18 T 19 W20 T 21 F 22 S 23	20 10	5 34 2 0 9 57 0 43 13 49 0s38 16 51 1 58 18 42 3 10	16 31 17 15 17 58 18 40 19 21	0 46 25 37 2 0 36 25 33 2 0 25 25 28 2 0 15 25 22 2 0 4 25 15 2	30 22 21 0 3 30 22 28 0 3 31 22 35 0 3 31 22 41 0 3 31 22 47 0 3	3 20 49 0 4 20 51 0 4 20 53 0 5 20 56 0 5 20 58 0	32 2	-	3 53 0 46 3 54 0 46 3 54 0 46 3 54 0 46 3 54 0 46	13 45 1 44 13 45 1 44 13 46 1 44 13 47 1 44 13 47 1 44	21 32 13 58 21 32 13 58 21 32 13 58 21 31 13 57 21 31 13 57 21 31 13 57 21 30 13 56	12 6 1 12 6 1 12 6 1 12 6 1 12 5 1	1 42 18 1 41 18 1 40 18 1 39 18 1 38 18	2 4 30 5 49 3 4 29 5 49 3 4 29 5 50 4 4 28 5 50 4 4 27 5 50 5 4 27 5 51 5 4 26 5 51
S 30	20 45 20 56 21 7 21 17 21 27 21 37 21 46 21n55	16 17 5 10 13 17 5 11 9 39 4 53 5 39 4 21 1 30 3 36 2s37 2 42	21 16 21 50 22 23 22 53 23 20 23 45	0 27 24 52 2 0 37 24 43 2 0 47 24 34 2 0 57 24 24 2 1 6 24 13 2 1 14 24 2 2	32 23 5 0 3 31 23 10 0 3 31 23 15 0 3 31 23 20 0 3 30 23 25 0 3 30 23 30 0 3	7 21 6 0 7 21 8 0 8 21 10 0 8 21 13 0 9 21 15 0 9 21 17 0	32 2 32 2 32 2 32 2 32 2 32 2 32 2	11 2 33 11 2 33 11 2 32 11 2 32 11 2 32 11 2 32 11 2 31	3 54 0 46 3 54 0 46 3 54 0 46 3 55 0 46 3 54 0 46 3 54 0 46	13 49 1 44 13 50 1 44 13 50 1 44 13 51 1 44 13 52 1 44 13 52 1 44	21 30 13 56 21 29 13 55 21 29 13 55 21 29 13 55 21 28 13 54 21 28 13 54 21 27 13 54 21 27 13 54	12 1 1 12 0 1 11 59 1 11 59 1 11 59 1 11 59 1	1 35 18 1 34 18 1 32 18 1 31 18 1 30 18 1 29 18	6 4 25 5 51 6 4 25 5 51 7 4 24 5 52 7 4 24 5 52 8 4 23 5 53 9 4 22 5 53 9 4 \$22 5 553

Julian Day Number = 2347936.5, Delta T = 10.66 sec Ecliptic obliquity = 23°28'26, Nutation =  $0^{\circ}00'08$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^{\circ}46'49$ , Lahiri =  $19^{\circ}53'50$ Greg. Calendar

JUNE 1716 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂	4	ħ	)∤(	¥	Р	ß	Ω	Ç	, k	Day
M 1	16 38 18	10 <b>Ⅲ</b> 28'47	24 <b>₽</b> 38	18 <b>Ⅱ</b> 24	249544	18 <b>Ⅱ</b> 25	9 <b>Д</b> 18	0°R20	21 Mp 56	12818	7 <b>m</b> 54	1 <b>M</b> 28	29 <b>ჲ</b> 53	4 <b>₹</b> 16	4 <b>)</b> (34	M 1
T 2	16 42 15	11°26'11	6ML32	20°31	25°47	19° 5	9°32	0°D20	21°56	12°20	7°55	1°R28	29°50	4°23	4°35	T 2
W 3	16 46 11	12°23'33	18°22	22°36	26°51	19°46	9°45	0 <b>ჲ</b> 20	21°56	12°22	7°55	1°27	29°47	4°29	4°35	W 3
T 4	16 50 8	13°20'55	0 <b>才</b> 11	24°39	27°54	20°26	9°59	0°20	21°57	12°24	7°56	1°23	29°43	4°36	4°35	T 4
F 5	16 54 4	14°18'16	12° 0	26°40	28°56	21° 7	10°13	0°20	21°57	12°26	7°56	1°18	29°40	4°43	4°35	F 5
S 6	16 58 1	15°15'36	23°53	28°39	29°59	21°47	10°27	0°21	21°57	12°28	7°57	1°11	29°37	4°49	4°36	S 6
S 7	17 1 58	16°12'55	5 <b>る</b> 50	0936	10 1	22°28	10°41	0°21	21°58	12°30	7°57	1° 3	29°34	4°56	4°36	S 7
M 8	17 5 54	17°10'14	17°54	2°31	2° 3	23° 8	10°55	0°21	21°58	12°32	7°58	0°55	29°31	5° 3	4°R36	M 8
T 9	17 9 51	18° 7'32	0≈ 6	4°23	3° 5	23°48	11° 9	0°22	21°59	12°34	7°59	0°47	29°28	5° 9	4°36	T 9
W10	17 13 47	19° 4'49	12°28	6°13	4° 6	24°29	11°23	0°23	21°59	12°36	7°59	0°40	29°24	5°16	4°35	W10
T 11	17 17 44	20° 2'07	25° 3	8° 1	5° 7	25° 9	11°37	0°24	22° 0	12°38	8° 0	0°35	29°21	5°23	4°35	T 11
F 12	17 21 40	20°59'23	7 <b>) €</b> 54	9°46	6° 8	25°49	11°51	0°25	22° 0	12°39	8° 1	0°32	29°18	5°29	4°35	F 12
S 13	17 25 37	21°56'40	21° 2	11°29	7° 8	26°29	12° 4	0°26	22° 1	12°41	8° 1	0°D31	29°15	5°36	4°35	S 13
S 14	17 29 33	22°53'56	<b>4</b> Υ32	13° 9	8° 8	27° 9	12°18	0°27	22° 2	12°43	8° 2	0°32	29°12	5°43	4°34	S 14
M15	17 33 30	23°51'12	18°25	14°47	9° 8	27°50	12°32	0°28	22° 3	12°45	8° 3	0°33	29° 8	5°49	4°34	M15
T 16	17 37 27	24°48'27	2 <b>8</b> 41	16°23	10° 7	28°30	12°46	0°29	22° 4	12°47	8° 4	0°R33	29° 5	5°56	4°33	T 16
W17	17 41 23	25°45'43	17°20	17°56	11° 6	29°10	13° 0	0°31	22° 5	12°48	8° 5	0°32	29° 2	6° 3	4°33	W17
T 18	17 45 20	26°42'58	2 <b>Ⅱ</b> 18	19°27	12° 4	29°50	13°13	0°32	22° 6	12°50	8° 6	0°29	28°59	6° 9	4°32	T 18
F 19	17 49 16	27°40'14	17°26	20°55	13° 3	0ജ30	13°27	0°34	22° 7	12°52	8° 7	0°23	28°56	6°16	4°32	F 19
S 20	17 53 13	28°37'29	2936	22°20	14° 0	1°10	13°41	0°36	22° 8	12°54	8° 7	0°16	28°53	6°23	4°31	S 20
S 21	17 57 9	29°34'43	17°37	23°43	14°58	1°50	13°54	0°37	22° 9	12°55	8° 8	0° 7	28°49	6°29	4°30	S 21
M22	18 1 6	0931'57	2 <b>Ω</b> 21	25° 3	15°54	2°29	14° 8	0°39	22°10	12°57	8° 9	29 <b>≏</b> 58	28°46	6°36	4°29	M22
T 23	18 5 2	1°29'11	16°39	26°21	16°51	3° 9	14°22	0°41	22°11	12°59	8°10	29°50	28°43	6°43	4°29	T 23
W24	18 8 59	2°26'24	0 <b>m</b> 29	27°36	17°47	3°49	14°35	0°44	22°13	13° 0	8°12	29°44	28°40	6°49	4°28	W24
T 25	18 12 56	3°23'37	13°50	28°48	18°42	4°29	14°49	0°46	22°14	13° 2	8°13	29°40	28°37	6°56	4°27	T 25
F 26	18 16 52	4°20'49	26°44	29°57	19°37	5° 9	15° 2	0°48	22°15	13° 3	8°14	29°39	28°34	7° 3	4°26	F 26
S 27	18 20 49	5°18'01	9 <b>≙</b> 14	1 <b>Ω</b> 4	20°31	5°48	15°16	0°50	22°17	13° 5	8°15	29°D38	28°30	7°10	4°25	S 27
S 28	18 24 45	6°15'12	21°27	2° 7	21°25	6°28	15°29	0°53	22°18	13° 7	8°16	29°39	28°27	7°16	4°23	S 28
M29	18 28 42	7°12'23	3 <b>M</b> 27	3° 8	22°18	7° 8	15°43	0°56	22°20	13° 8	8°17	29°R39	28°24	7°23	4°22	M29
T 30	18 32 38	89 9'34	15 <b>M</b> 18	4 <b>Ω</b> 5	23 <b>Ω</b> 11	79547	15 <b>Ⅱ</b> 56	0 <b>ჲ</b> 58	22 <b>m</b> 21	138 9	8 <b>m</b> /18	29 <b>॒</b> 38	28 <b>≏</b> 21	7 <b>.₹</b> 30	4 <b>) (</b> 21	T 30

Day	0	D		ğ	Q		ď	2	4	ħ	ì.	);	j(	4		E	2	U	U	ţ	Ł	5
	decl	decl lat	dec	lat	decl	lat d	ecl lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 3	10s 8 0s	37 24n27	1n29	23n38	2n28 231	38 0n40	21n21	0 s31	2n11	2n31	3n54	0n46	13n53	1 s45	21n26	13n53	12 s (	11 s27	18s10	4 s 2 1	5n54
T 2	22 11	13 17 On	128 <mark>24 4</mark> 3	1 36	23 25	2 27 23	42 0 4	21 24	0 31	2 10	2 31	3 54	0 46	13 54	1 45	21 26	13 53	12 (	11 26	18 10	4 21	5 54
W 3	22 19	15 52 1	31 24 57	1 42	23 12	2 26 23	<b>46</b> 0 4	21 26	0 31	2 10	2 31	3 54	0 46	13 55	1 45	21 25	13 52	12 (	11 25	18 11	4 21	5 54
T 4	22 26	17 47 2	30 25 9	1 47	22 58	2 24 23	49 0 4	21 28	0 31	2 10	2 30	3 54	0 46	13 55	1 45	21 25	13 52	11 58	11 23	18 11	4 20	5 55
F 5	22 33	18 56 3	22 25 17	1 51	22 44	2 23 23		21 30	0 31	2 10	2 30	3 54	0 46	13 56	1 45	21 24	13 51	11 57	11 22	18 12	4 20	5 55
S 6	22 39	19 15 4	6 25 23	1 55	22 29	2 21 23	55 0 42	21 32	0 31	2 9	2 30	3 54	0 46	13 56	1 45	21 24	13 51	11 54	11 21	18 12	4 19	5 55
S 7	22 46	18 42 4	39 25 26	1 58	22 14	2 19 23	58 0 43	21 34	0 31	2 9	2 30	3 53	0 46	13 57	1 45	21 23	13 51	11 51	11 20	18 13	4 19	5 55
M 8	22 51	17 19 5	0 25 27	2 0	21 58	2 18 24	1 0 43	21 36	0 31	2 8	2 29	3 53	0 46	13 57	1 45	21 23	13 50	11 48	11 19	18 13	4 19	5 56
T 9	22 57	15 9 5	8 25 20	2 2	21 42	2 15 24	3 0 4	21 38	0 31	2 8	2 29	3 53	0 45	13 58	1 45	21 22	13 50	11 46	11 18	18 14	4 19	5 56
W10	_	12 16 5	1 25 22		21 25	2 13 24	6 0 4	21 40	0 31	2 7	2 29	3 53	0 45	13 59						18 14	4 18	5 56
T 11	23 6	8 47 4	40 25 16	2 2	21 8	2 11 24	8 0 45	21 42	0 31	2 7	2 29	3 52	0 45	13 59	1 45	21 21	13 49	11 42	11 16	18 15	4 18	5 57
F 12	23 10	4 50 4	5 25 8	2 2	20 50	2 8 24		21 44	0 31	2 6	2 28	3 52	0 45	14 0		-				18 15	4 18	5 57
S 13	23 14	0 33 3	16 24 58	2 0	20 33	2 6 24	11 0 45	21 46	0 30	2 6	2 28	3 52	0 45	14 0	1 45	21 20	13 49	11 40	11 13	18 16	4 18	5 57
S 14	23 17	3n52 2	15 24 47	1 58	20 14	2 3 24	12 0 40	21 48	0 30	2 5	2 28	3 51	0 45	14 1	1 45	21 19	13 48	11 40	11 12	18 16	4 18	5 58
M15	23 20	8 14 1	5 24 34	1 55	19 56	2 0 24	14 0 40	21 50	0 30	2 4	2 28	3 51	0 45	14 1	1 45	21 18	13 48	11 41	11 11	18 17	4 18	5 58
T 16	23 22	12 15 0s	s11 24 19	1 52	19 37	1 57 24	15 0 47	21 52	0 30	2 4	2 28	3 51	0 45	14 2	1 45	21 18	13 48	11 41	11 10	18 17	4 17	5 58
W17	23 24	15 37 1	29 24 3	1 47	19 17	1 54 24	15 0 47	21 53	0 30	2 3	2 27	3 50	0 45	14 2	1 45	21 17	13 47	11 41	11 9	18 17	4 17	5 58
T 18	23 26	18 0 2	42 23 45	1 43	18 58	1 50 24	16 0 47	21 55	0 30	2 2	2 27	3 50	0 45	14 3	1 45	21 17	13 47	11 39	11 8	18 18	4 17	5 59
			44 23 27			1 47 24		21 57	0 30	2 1	2 27	3 49	0 45	14 3		21 16				18 18	4 17	
S 20	23 28	18 57 4	30 23	1 31	18 17	1 43 24	16 0 48	21 59	0 30	2 0	2 27	3 49	0 45	14 4	1 45	21 15	13 46	11 35	11 5	18 19	4 17	5 59
S 21	23 28	17 23 4	58 22 46	1 24	17 57	1 39 24	16 0 49	22 0	0 30	1 59	2 26	3 48	0 45	14 4	1 45	21 15	13 46	11 32	11 4	18 19	4 17	6 0
M22	23 28		5 22 25		17 36	1 35 24		22 2		1 58	2 26	3 48	0 45	14 5	1 45	21 14	13 46	11 29	11 3	18 20	4 17	6 0
T 23	23 28	11 13 4	52 22 2			1 30 24		22 4	0 30	1 57	2 26	3 47	0 45	14 5	1 45	21 13	13 45	11 26	11 2	18 20	4 17	6 0
W24	23 27	7 13 4	22 21 39	1 0	16 53	1 26 24	15 0 50	22 5	0 30	1 56	2 26	3 47	0 45	14 5	1 45	21 12	13 45	11 24	11 1	18 20	4 17	6 0
T 25	23 26	3 0 3	39 21 10	0 51	16 32	1 21 24	14 0 50	22 7	0 30	1 55	2 25	3 46	0 45	14 6	1 45	21 12	13 45	11 22	11 0	18 21	4 17	6 1
F 26	23 24	1s14 2	46 20 52			1 17 24			0 30	1 54	2 25	3 46	0 45	14 6	1 45	21 11	13 44	11 22	10 59	18 21	4 18	6 1
S 27	23 22	5 18 1	47 20 28	0 32	15 48	1 12 24	12 0 5	22 10	0 29	1 53	2 25	3 45	0 45	14 7	1 45	21 10	13 44	11 22	10 58	18 22	4 18	6 1
S 28	23 20	9 3 0	44 20 3	0 21	15 26	1 6 24	10 0 5	22 12	0 29	1 52	2 25	3 44	0 45	14 7	1 45	21 10	13 44	11 22	10 56	18 22	4 18	6 2
M29	23 17	12 22 On	19 39	0 10	15 4	1 1 24	9 0 52	2 22 13	0 29	1 50	2 25	3 44	0 45	14 8	1 46	21 9	13 43	11 22	10 55	18 22	4 18	6 2
T 30	23n13	15 s 8 1n	19n14	0s 2	14n41	0n55 241	7 0n52	22n15	0 s29	1n49	2n24	3n43	0n45	14n 8	1 s46	21n 8	13n43	11 s22	10s54	18 s23	4s18	6n 2

Julian Day Number = 2347967.5, Delta T = 10.65 sec Ecliptic obliquity =  $23^{\circ}28'26$ , Nutation =  $0^{\circ}00'08$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^{\circ}46'53$ , Lahiri =  $19^{\circ}53'54$ Greg. Calendar

JULY 1716 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	4	ħ	)Å(	卉	Р	₽.	Ω	Ç	Š.	Day
W 1	18 36 35	99 6'45	27 <b>m</b> 7	4 <b>Ω</b> 59	24 <b>N</b> 3	89527	16耳 9	1₽ 1	22 <b>m</b> 23	13811	8 <b>m</b> 20	29°R35	28 <b>≏</b> 18	7 <b>.</b> ₹36	4°R20	W 1
T 2	18 40 31	10° 3'56	8 <b>∡</b> 755	5°50	24°54	9° 6	16°23	1° 4	22°25	13°12	8°21	29 <b>≙</b> 29	28°14	7°43	4 <b>)</b> 18	T 2
F 3	18 44 28	11° 1'06	20°48	6°37	25°45	9°46	16°36	1° 7	22°26	13°14	8°22	29°20	28°11	7°50	4°17	F 3
S 4	18 48 25	11°58'17	2 <b>ප</b> 47	7°20	26°35	10°25	16°49	1°10	22°28	13°15	8°23	29°10	28° 8	7°56	4°15	S 4
S 5	18 52 21	12°55'28	14°53	8° 0	27°24	11° 5	17° 2	1°13	22°30	13°16	8°25	28°57	28° 5	8° 3	4°14	S 5
M 6	18 56 18	13°52'38	27° 8	8°36	28°12	11°44	17°16	1°16	22°32	13°18	8°26	28°45	28° 2	8°10	4°12	M 6
T 7	19 0 14	14°49'49	9 <b>≈</b> 33	9° 8	29° 0	12°24	17°29	1°19	22°34	13°19	8°28	28°33	27°59	8°16	4°11	T 7
W 8	19 4 11	15°47'01	22° 8	9°36	29°47	13° 3	17°42	1°23	22°36	13°20	8°29	28°22	27°55	8°23	4° 9	W 8
T 9	19 8 7	16°44'12	4 <b>) (</b> 54	9°59	0 <b>m</b> 33	13°42	17°55	1°26	22°38	13°22	8°30	28°14	27°52	8°30	4° 7	T 9
F 10	19 12 4	17°41'25	17°53	10°18	1°19	14°22	18° 8	1°30	22°40	13°23	8°32	28° 9	27°49	8°36	4° 6	F 10
S 11	19 16 0	18°38'37	1 <b>°</b> 6	10°33	2° 3	15° 1	18°21	1°34	22°42	13°24	8°33	28° 6	27°46	8°43	4° 4	S 11
S 12	19 19 57	19°35'51	14°35	10°42	2°46	15°40	18°33	1°37	22°44	13°25	8°35	28° 5	27°43	8°50	4° 2	S 12
M13	19 23 54	20°33'05	28°21	10°47	3°29	16°19	18°46	1°41	22°46	13°26	8°36	28° 5	27°39	8°56	4° 0	M13
T 14	19 27 50	21°30'20	12826	10°R47	4°11	16°58	18°59	1°45	22°49	13°27	8°38	28° 4	27°36	9° 3	3°58	T 14
W15	19 31 47	22°27'35	26°49	10°43	4°51	17°38	19°12	1°49	22°51	13°28	8°39	28° 2	27°33	9°10	3°56	W15
T 16	19 35 43	23°24'52	11 <b>Ⅱ</b> 29	10°33	5°31	18°17	19°24	1°53	22°53	13°29	8°41	27°58	27°30	9°16	3°54	T 16
F 17	19 39 40	24°22'09	26°19	10°19	6° 9	18°56	19°37	1°57	22°55	13°31	8°43	27°51	27°27	9°23	3°52	F 17
S 18	19 43 36	25°19'27	119514	10° 0	6°46	19°35	19°50	2° 1	22°58	13°31	8°44	27°41	27°24	9°30	3°50	S 18
S 19	19 47 33	26°16'46	26° 3	9°36	7°22	20°14	20° 2	2° 6	23° 0	13°32	8°46	27°30	27°20	9°36	3°48	S 19
M20	19 51 29	27°14'05	10 <b>Ω</b> 39	9° 8	7°57	20°53	20°14	2°10	23° 3	13°33	8°48	27°19	27°17	9°43	3°46	M20
T 21	19 55 26	28°11'24	24°54	8°36	8°31	21°32	20°27	2°14	23° 5	13°34	8°49	27° 9	27°14	9°50	3°43	T 21
W22	19 59 23	29° 8'44	8 <b>m</b> 44	8° 0	9° 3	22°11	20°39	2°19	23° 8	13°35	8°51	27° 1	27°11	9°56	3°41	W22
T 23	20 3 19	0 <b>N</b> 6'05	22° 6	7°22	9°34	22°50	20°51	2°24	23°10	13°36	8°53	26°55	27° 8	10° 3	3°39	T 23
F 24	20 7 16	1° 3'26	5 <b>♀</b> 2	6°40	10° 3	23°29	21° 3	2°28	23°13	13°37	8°54	26°52	27° 5	10°10	3°36	F 24
S 25	20 11 12	2° 0'48	17°35	5°57	10°31	24° 8	21°16	2°33	23°16	13°37	8°56	26°50	27° 1	10°17	3°34	S 25
S 26	20 15 9	2°58'10	29°49	5°13	10°58	24°47	21°28	2°38	23°18	13°38	8°58	26°50	26°58	10°23	3°32	S 26
M27	20 19 5	3°55'32	11 <b>M</b> 49	4°28	11°22	25°26	21°39	2°43	23°21	13°39	9° 0	26°50	26°55	10°30	3°29	M27
T 28	20 23 2	4°52'56	23°41	3°44	11°46	26° 4	21°51	2°48	23°24	13°40	9° 2	26°49	26°52	10°37	3°27	T 28
W29	20 26 58	5°50'20	5 <b>₹</b> 30	3° 1	12° 7	26°43	22° 3	2°53	23°27	13°40	9° 3	26°46	26°49	10°43	3°24	W29
T 30	20 30 55	6°47'44	17°21	2°20	12°26	27°22	22°15	2°58	23°30	13°41	9° 5	26°40	26°45	10°50	3°21	T 30
F 31	20 34 52	7 <b>Ω</b> 45'10	29 <b>×</b> 18	1 <b>Ω</b> 42	12 <b>m</b> ) 44	2895 1	22 <b>II</b> 27	3 <b>₾</b> 3	23 <b>m</b> 33	13 <b>8</b> 41	9 <b>m</b> ) 7	26 <b>≏</b> 32	26 <b>≏</b> 42	10 <b>∡</b> 757	3 <b>∺</b> 19	F 31

Day	0	J	)	ζ	i	ç	)	C	7	2	ŀ	ħ	1	);	<del>j</del> (	4	Ţ	E	2	n	v	Ç	Ł	;
	decl	decl l	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
W 1	23n10	17s15	2n21	18n50		14n18		24n 5		22n16	0 s29	1n48	2n24	3n42		-		21n 7					4s18	6n 2
T 2	23 5	18 39		18 25			0 44			22 18	0 29	1 47	2 24	3 42	-				-	11 18		-	4 19	6 3
F 3	23 1	19 13		18 1			0 38	- 1		22 19	0 29	1 45	2 24	3 41	0 44			-	-	11 15		-	4 19	6 3
S 4	22 56	18 56	4 30	17 38	0 52	13 10	0 31	23 57	0 54	22 20	0 29	1 44	2 23	3 40	0 44	14 9	1 46	21 5	13 42	11 11	10 50	18 24	4 19	6 3
S 5	_	17 48	-	17 14	-			23 54		22 22	0 29	1 42	2 23	3 40		-	1 46		13 42	-		18 25	4 20	6 3
M 6		15 50	-	16 52				23 51		22 23	0 29	1 41	2 23	3 39		14 10	1 46	_	13 41	_		18 25	4 20	6 4
T 7	22 39	13 8		16 30	1 33			23 48		22 24	0 29	1 39	2 23	3 38		14 11	1 46	_	-			18 26	4 20	6 4
W 8	22 32	9 48		16 9						22 26	0 29	1 38	2 23	3 37			1 46					18 26	4 21	6 4
T 9	22 25	5 58		15 49	2 2		0s 3			22 27	0 29	1 36	2 22	3 36			1 46					18 26	4 21	6 4
F 10	22 18	1 48	-	15 30	-			23 37		22 28	0 29	1 35	2 22	3 35	-	14 11	1 46	-		10 50			4 21	6 4
S 11	22 10	2n33	2 18	15 12	2 31	10 28	0 19	23 33	0 56	22 29	0 29	1 33	2 22	3 35	0 44	14 12	1 46	20 59	13 40	10 49	10 42	18 27	4 22	6 5
S 12	22 2	6 51	1 11	14 56	2 45	10 5	0 27	23 29	0 56	22 30	0 29	1 31	2 22	3 34	0 44	14 12	1 46	20 59	13 40	10 48	10 40	18 27	4 22	6 5
M13	21 54	10 53	0s 1	14 41	2 59	9 42	0 35	23 25	0 57	22 31	0 29	1 30	2 22	3 33	0 44	14 12	1 46	20 58	13 40	10 48	10 39	18 28	4 23	6 5
T 14	21 45	14 24	1 15	14 27	3 13	9 19	0 43	23 20	0 57	22 33	0 28	1 28	2 21	3 32	0 44	14 13	1 46	20 57	13 39	10 48	10 38	18 28	4 23	6 5
W15	21 36	17 7	2 26	14 15	3 27	8 56	0 52	23 16	0 57	22 34	0 28	1 26	2 21	3 31	0 44	14 13	1 46	20 56	13 39	10 48	10 37	18 28	4 24	6 6
T 16	-	18 45	3 28	14 5	3 40	8 34		23 11		22 35	0 28	1 24	2 21	3 30	0 44	14 13	1 46					18 29	4 24	6 6
F 17	21 16			13 57	3 52	8 11				22 36	0 28	1 22	2 21	3 29	0 44	14 13						18 29	4 25	6 6
S 18	21 6	18 12	4 48	13 51	4 4	7 49	1 19	23 0	0 58	22 37	0 28	1 21	2 21	3 28	0 44	14 14	1 47	20 54	13 38	10 40	10 34	18 29	4 26	6 6
S 19	20 56	16 3	5 1	13 46	4 15	7 27	1 28	22 55	0 59	22 38	0 28	1 19	2 20	3 27	0 44	14 14	1 47	20 53	13 38	10 36	10 32	18 30	4 26	6 6
M20	20 45	12 54	4 53	13 44	4 25	7 5	1 38	22 49	0 59	22 39	0 28	1 17	2 20	3 26	0 44	14 14	1 47	20 52	13 38	10 32	10 31	18 30	4 27	6 6
T 21	20 33	9 3	4 27	13 44	4 34	6 43	1 48	22 44	0 59	22 40	0 28	1 15	2 20	3 25	0 44	14 14	1 47	20 51	13 38	10 28	10 30	18 30	4 27	6 7
W22	20 22	4 50	3 45	13 45	4 42	6 22	1 58	22 38	1 0	22 41	0 28	1 13	2 20	3 24	0 44	14 14	1 47	20 50	13 37	10 25	10 29	18 31	4 28	6 7
T 23	20 9	0 30	2 53	13 49	4 48	6 1	2 8	22 31		22 42	0 28	1 11	2 20	3 23	0 44	14 15		20 50					4 29	6 7
F 24	19 57	3 s44		13 55	4 52	5 40		22 25	1 0	22 42	0 28	1 9	2 19	3 22	0 44	14 15	1 47	20 49	13 37	10 22	10 27	18 31	4 29	6 7
S 25	19 44	7 40	0 49	14 3	4 55	5 19	2 30	22 19	1 1	22 43	0 28	1 7	2 19	3 21	0 44	14 15	1 47	20 48	13 37	10 22	10 26	18 32	4 30	6 7
S 26	19 31	11 10	0n16	14 12	4 56	4 59	2 41	22 12	1 1	22 44	0 28	1 5	2 19	3 20	0 44	14 15	1 47	20 47	13 37	10 22	10 24	18 32	4 31	6 7
M27	19 18	14 9	1 19	14 23	4 55	4 40	2 52	22 5	1 1	22 45	0 28	1 3	2 19	3 19	0 44	14 15	1 47	20 46	13 37	10 21	10 23	18 32	4 32	6 8
T 28	19 4	16 30	2 17	14 36	4 53	4 20	3 3	21 58	1 2	22 46	0 28	1 1	2 19	3 17	0 44	14 15	1 47	20 45	13 36	10 21	10 22	18 33	4 32	6 8
W29	18 50	18 9	3 10	14 50	4 49	4 2		-		22 46	0 28	0 58	2 19	3 16	0 44	14 16	1 47	20 44	13 36	10 20	10 21	18 33	4 33	6 8
T 30	18 36	18 59	3 54	15 5	4 43	3 43		21 44	1 2	22 47	0 28	0 56	2 18	3 15	0 43	14 16	1 47	20 44	13 36	10 18	10 20	18 33	4 34	6 8
F 31	18n21	19s 0	4n28	15n20	4 s 3 5	3n26	3 s38	21n36	1n 2	22n48	0 s28	0n54	2n18	3n14	0n43	14n16	1 s47	20n43	13n36	10 s15	10s19	18 s 3 3	4 s 3 5	6n 8

Julian Day Number = 2347997.5, Delta T = 10.65 sec Ecliptic obliquity = 23°28'25, Nutation = 0°00'09, out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^{\circ}46'57$ , Lahiri =  $19^{\circ}53'58$ Greg. Calendar

AUGUST 1716 00:00 UT

Audi	JJ: 1/1	. •													00.0	0 0 1
Day	Sid.t	0	D	ğ	φ	ð	4	ħ	)∤(	并	В	S.	Ω	Ç	ķ	Day
S 1	20 38 48	8 <b>N</b> 42'36	11 <b>る</b> 24	1°R 7	13 Mp 0	28939	22 <b>川</b> 38	3 <b>₾</b> 8	23 My 35	13842	9 <b>m</b> 9	26°R21	26 <b>₽</b> 39	11 <b>×</b> 7 3	3°R16	S 1
S 2	20 42 45	9°40'03	23°40	0 <b>Ω</b> 37	13°14	29°18	22°50	3°13	23°38	13°42	9°11	26 <b>♀</b> 9	26°36	11°10	3 <b>)</b> €14	S 2
M 3	20 46 41	10°37'31	6≈ 9	0°11	13°25	29°57	23° 1	3°19	23°41	13°43	9°13	25°56	26°33	11°17	3°11	M 3
T 4	20 50 38	11°35'00	18°50	29951	13°35	0 <b>Ω</b> 35	23°12	3°24	23°44	13°43	9°15	25°44	26°30	11°23	3° 8	T 4
W 5	20 54 34	12°32'30	1 <b>)</b> (44	29°37	13°42	1°14	23°24	3°30	23°47	13°44	9°16	25°34	26°26	11°30	3° 6	W 5
T 6	20 58 31	13°30'02	14°48	29°30	13°48	1°53	23°35	3°35	23°50	13°44	9°18	25°26	26°23	11°37	3° 3	T 6
F 7	21 2 27	14°27'34	28° 5	29°D29	13°51	2°31	23°46	3°41	23°54	13°45	9°20	25°20	26°20	11°43	3° 0	F 7
S 8	21 6 24	15°25'08	11 <b>Y</b> 32	29°35	13°R52	3°10	23°57	3°46	23°57	13°45	9°22	25°18	26°17	11°50	2°57	S 8
S 9	21 10 21	16°22'43	25° 9	29°48	13°50	3°48	24° 8	3°52	24° 0	13°45	9°24	25°D17	26°14	11°57	2°54	S 9
M10	21 14 17	17°20'20	8 <b>8</b> 59	00 8	13°46	4°27	24°18	3°58	24° 3	13°45	9°26	25°17	26°11	12° 3	2°52	M10
T 11	21 18 14	18°17'59	22°59	0°35	13°40	5° 5	24°29	4° 4	24° 6	13°46	9°28	25°R17	26° 7	12°10	2°49	T 11
W12 T 13	21 22 10 21 26 7	19°15'39 20°13'21	7 <b>Ⅱ</b> 12 21°33	1°10 1°51	13°32 13°21	5°44 6°22	24°40 24°50	4°10 4°16	24°10 24°13	13°46 13°46	9°30 9°32	25°16 25°13	26° 4 26° 1	12°17 12°24	2°46 2°43	W12 T 13
F 14	21 20 7	20 13 21 21°11'04	696 1	2°40	13° 7	7° 1	24 30 25° 1	4°22	24 13 24°16	13°46	9°34	25° 7	25°58	12°24 12°30	2°40	F 14
S 15	21 34 0	21° 11°04 22° 8'49	20°32	3°35	12°52	7°39	25°11	4°28	24°19	13°46	9°36	24°59	25°55	12°37	2°37	S 15
	-			4°37						13°46				12°44		
S 16 M17	21 37 56 21 41 53	23° 6'35 24° 4'23	4 <b>Ω</b> 58 19°13	5°45	12°34 12°14	8°18 8°56	25°21 25°31	4°34 4°40	24°23 24°26	13°R46	9°38 9°40	24°50 24°40	25°51 25°48	12°44 12°50	2°34 2°31	S 16 M17
T 18	21 41 53	25° 2'13	3 m 13	7° 0	11°51	9°34	25°41	4°46	24°20 24°30	13°46	9°42	24°31	25°45	12°57	2°28	T 18
W19	21 49 46	26° 0'03	16°51	8°20	11°27	10°13	25°51	4°52	24°33	13°46	9°45	24°24	25°42	13° 4	2°25	W19
T 20	21 53 43	26°57'55	0 <u>₽</u> 7	9°46	11° 0	10°51	26° 1	4°59	24°36	13°46	9°47	24°19	25°39	13°10	2°22	T 20
F 21	21 57 39	27°55'49	13° 0	11°16	10°32	11°29	26°11	5° 5	24°40	13°46	9°49	24°16	25°36	13°17	2°19	F 21
S 22	22 1 36	28°53'43	25°32	12°51	10° 2	12° 7	26°20	5°11	24°43	13°46	9°51	24°D16	25°32	13°24	2°16	S 22
S 23	22 5 32	29°51'39	7 <b>M</b> .47	14°30	9°30	12°46	26°30	5°18	24°47	13°46	9°53	24°16	25°29	13°30	2°13	S 23
M24	22 9 29	0 <b>m</b> 49'37	19°49	16°13	8°57	13°24	26°39	5°24	24°50	13°45	9°55	24°17	25°26	13°37	2°11	M24
T 25	22 13 25	1°47'35	1 <b>∡</b> 742	17°59	8°23	14° 2	26°48	5°31	24°54	13°45	9°57	24°R18	25°23	13°44	2° 8	T 25
W26	22 17 22	2°45'35	13°33	19°48	7°47	14°40	26°57	5°37	24°58	13°45	9°59	24°17	25°20	13°50	2° 5	W26
T 27	22 21 19	3°43'37	25°26	21°39	7°11	15°19	27° 6	5°44	25° 1	13°44	10° 1	24°15	25°17	13°57	2° 2	T 27
F 28	22 25 15	4°41'40	7 <b>궁</b> 26	23°32	6°34	15°57	27°15	5°51	25° 5	13°44	10° 3	24°10	25°13	14° 4	1°59	F 28
S 29	22 29 12	5°39'44	19°36	25°26	5°57	16°35	27°24	5°57	25° 8	13°44	10° 5	24° 4	25°10	14°11	1°56	S 29
S 30	22 33 8	6°37'50	2≈ 1	27°21	5°20	17°13	27°33	6° 4	25°12	13°43	10° 8	23°56	25° 7	14°17	1°53	S 30
M31	22 37 5	7 m/ 35'57	14≈41	29 <b>Ω</b> 17	4 <b>m</b> 43	17 <b>Ω</b> 51	27 <b>Ⅱ</b> 41	6 <b>₽</b> 11	25 Mp 16	13 <b>8</b> 43	10 <b>m</b> 10	23 <b>≏</b> 48	25 <b>♀</b> 4	14 <b>×</b> 24	1 <b>∺</b> 50	M31

Day	0	D	ğ	·	♂	4	ħ	)મ(	卉	Р	U	v t	, k
	decl	decl lat	decl lat	decl lat dec	l lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl	decl dec	decl lat
S 1	18n 7	18s 9 4n51	15n37 4s26	3n 8 3s50 21n2	9 1n 3	22n49 0 s28	0n52 2n18	3n13 0n43	14n16 1 s47	20n42 13n36	10 s11 1	0s18 18s3	4 4s36 6n 8
S 2	17 51	16 27 5 1	15 54 4 15	2 52 4 3 21 2	1 1 3	22 49 0 28	0 50 2 18	3 12 0 43	14 16 1 47	20 41 13 36	10 7 1	0 16 18 3	4 4 36 6 8
M 3	17 36	13 58 4 56	16 11 4 3	2 36 4 15 21 1	3 1 3	22 50 0 28	0 47 2 18	3 10 0 43	14 16 1 47	20 40 13 35	10 2 1	0 15 18 3	4 4 37 6 8
T 4	17 20	10 48 4 37	16 28 3 50	2 21 4 27 21	5 1 4	22 51 0 27	0 45 2 18	3 9 0 43	14 16 1 48	20 39 13 35	9 58 1	0 14 18 3	5 4 38 6 8
W 5	17 4	7 5 4 4				22 51 0 27	0 43 2 17	3 8 0 43		20 38 13 35		0 13 18 3	
T 6	16 48	2 57 3 17				22 52 0 27	0 40 2 17	3 7 0 43		20 38 13 35		0 12 18 3	
F 7	16 31	-	17 17 3 4			22 52 0 27	0 38 2 17	3 5 0 43		20 37 13 35	-	0 11 18 3	
S 8	16 14	5 41 1 13	17 32 2 48	1 28 5 18 20 3	2 1 5	22 53 0 27	0 36 2 17	3 4 0 43	14 16 1 48	20 36 13 35	9 48 1	0 10 18 3	6 4 42 6 9
S 9	15 57	9 46 0 1	17 45 2 31	1 17 5 31 20 2	3 1 5	22 53 0 27	0 33 2 17	3 3 0 43	14 16 1 48	20 35 13 35	9 48 1	0 8 18 3	6 4 43 6 9
M10	15 40	13 22 1 s12	17 58 2 14	1 6 5 43 20 1	4 1 5	22 54 0 27	0 31 2 17	3 2 0 43	14 16 1 48	20 34 13 35	9 48 1	0 7 18 3	6 4 44 6 9
T 11	15 22	16 16 2 22	18 9 1 57	0 57 5 56 20	5 1 5	22 54 0 27	0 28 2 17	3 0 0 43	14 16 1 48	20 33 13 35	9 48 1	0 6 18 3	6 4 45 6 9
W12	15 4	18 12 3 24	18 18 1 40	0 49 6 8 19 5	6 1 6	22 55 0 27	0 26 2 16	2 59 0 43	14 16 1 48	20 32 13 34	9 47 1	0 5 18 3	7 4 46 6 9
T 13	14 46	18 59 4 13	18 25 1 23	0 42 6 21 19 4	6 1 6	22 55 0 27	0 23 2 16	2 58 0 43	14 16 1 48	20 32 13 34	9 46 1	0 4 18 3	7 4 47 6 9
F 14	14 28	18 33 4 47	18 31 1 7	0 36 6 33 19 3	7 1 6	22 56 0 27	0 21 2 16	2 56 0 43	14 16 1 48	20 31 13 34	9 44 1	0 3 18 3	7 4 48 6 9
S 15	14 9	16 55 5 3	18 34 0 50	0 30 6 45 19 2	7 1 6	22 56 0 27	0 18 2 16	2 55 0 43	14 16 1 48	20 30 13 34	9 41 1	0 1 18 3	7 4 49 6 9
S 16	13 50	14 13 4 59	18 34 0 35	0 27 6 56 19 1	7 1 7	22 57 0 27	0 16 2 16	2 54 0 43	14 16 1 48	20 29 13 34	9 38 1	0 0 18 3	8 4 50 6 9
M17	13 31	10 42 4 37	18 33 0 20	0 24 7 7 19	8 1 7	22 57 0 27	0 13 2 16	2 52 0 43	14 16 1 48	20 28 13 34	9 34	9 59 18 3	8 4 51 6 9
T 18	13 12	6 39 3 58	18 28 0 5	0 22 7 18 18 5	8 1 7	22 57 0 27	0 11 2 16	2 51 0 43	14 16 1 48	20 27 13 34	9 31	9 58 18 3	8 4 52 6 9
W19	12 52	2 20 3 6	18 21 On 9			22 58 0 27	0 8 2 16	2 50 0 43	14 16 1 48	20 27 13 34		9 57 18 3	
T 20	12 32	1 s 58 2 6	18 11 0 22			22 58 0 27	0 6 2 15	2 48 0 43	14 16 1 48	20 26 13 34	9 26	9 56 18 3	9 4 54 6 9
F 21	12 13	6 4 1 0	17 58 0 34			22 58 0 27	0 3 2 15	2 47 0 43		20 25 13 34		9 54 18 3	
S 22	11 53	9 47 On 7	17 42 0 45	0 28 7 56 18 1	6 1 8	22 59 0 27	0 0 2 15	2 45 0 43	14 16 1 49	20 24 13 34	9 25	9 53 18 3	9 4 56 6 9
S 23	11 32	12 59 1 12	17 23 0 56	0 32 8 4 18	6 1 8	22 59 0 27	0s 2 2 15	2 44 0 43	14 16 1 49	20 23 13 34	9 25	9 52 18 3	9 4 57 6 9
M24	11 12	15 35 2 13	17 2 1 5	0 38 8 11 17 5	5 1 9	22 59 0 27	0 5 2 15	2 43 0 43	14 16 1 49	20 22 13 34	9 26	9 51 18 3	9 4 58 6 9
T 25	10 51	17 28 3 7	16 38 1 14	0 45 8 17 17 4	4 1 9	22 59 0 27	0 8 2 15	2 41 0 43	14 16 1 49	20 22 13 34	9 26	9 50 18 4	0 4 59 6 9
W26	10 30	18 36 3 54	16 11 1 21	0 52 8 23 17 3	3 1 9	23 0 0 27	0 10 2 15	2 40 0 43	14 15 1 49	20 21 13 34	9 26	9 49 18 4	0 5 0 6 9
T 27	10 9	18 54 4 30	15 41 1 27	1 1 8 28 17 2	2 1 9	23 0 0 27	0 13 2 15	2 38 0 43			9 25	9 48 18 4	0 5 2 6 9
F 28	9 48		15 10 1 33				0 16 2 15	2 37 0 43		20 19 13 34		9 46 18 4	
S 29	9 27	16 59 5 7	14 36 1 38	8 1 22 8 34 17	0 1 10	23 0 0 27	0 19 2 15	2 35 0 43	14 15 1 49	20 18 13 34	9 21	9 45 18 4	0 5 4 6 8
S 30	9 5	14 47 5 5	14 0 1 41	1 33 8 36 16 4	8 1 10	23 1 0 26	0 21 2 15	2 34 0 43	14 15 1 49	20 18 13 34	9 18	9 44 18 4	1 5 5 6 8
M31	8n44	11 s52 4n48	13n22 1n44	1n45 8s38 16n3	7 1n10	23n 1 0s26	0s24 2n14	2n32 0n43	14n15 1s49	20n17 13n34	9 s 1 5	9 s 4 3 18 s 4	1 5s 6 6n 8

 $\label{eq:Julian Day Number = 2348028.5, Delta T = 10.64 sec} \\ Ecliptic obliquity = 23°28'26, Nutation = 0°00'09, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 20°47'02, Lahiri = 19°54'02Greg. Calendar$ 

SEPTEMBER 1716 00:00 UT

JLI	LENDEN	1/10													00.0	0.
Day	Sid.t	0	D	ğ	φ	♂	4	ħ	)મ(	卉	В	S.	Ω	Ç	ķ	Day
T 1	22 41 1	8 mg 34'06	27≈38	1 <b>m</b> ) 13	4°R 6	18 <b>Ω</b> 29	27 <b>II</b> 50	6 <b>₽</b> 18	25 <b>m</b> 19	13°R42	10 <b>m</b> /12	23°R40	25 <b>♀</b> 1	14 <b>×</b> 31	1°R47	T 1
W 2	22 44 58	9°32'16	10 <b>)</b> 51	3° 9	3 <b>m</b> 30	19° 7	27°58	6°24	25°23	13 <b>8</b> 42	10°14	23 <b>≏</b> 33	24°57	14°37	1 <b>) (</b> 44	W 2
T 3	22 48 54	10°30'28	24°18	5° 6	2°55	19°45	28° 6	6°31	25°27	13°41	10°16	23°28	24°54	14°44	1°41	T 3
F 4	22 52 51	11°28'42	7 <b>⋎</b> 58	7° 1	2°21	20°23	28°14	6°38	25°30	13°41	10°18	23°25	24°51	14°51	1°38	F 4
S 5	22 56 47	12°26'58	21°49	8°57	1°48	21° 1	28°22	6°45	25°34	13°40	10°20	23°D24	24°48	14°57	1°35	S 5
S 6	23 0 44	13°25'17	5 <b>8</b> 47	10°52	1°17	21°39	28°29	6°52	25°38	13°40	10°22	23°24	24°45	15° 4	1°32	S 6
M 7	23 441	14°23'37	19°50	12°46	0°47	22°17	28°37	6°59	25°41	13°39	10°25	23°26	24°42	15°11	1°29	M 7
T 8	23 8 37	15°21'59	3 <b>Ⅱ</b> 58	14°39	0°19	22°55	28°44	7° 6	25°45	13°38	10°27	23°27	24°38	15°17	1°26	T 8
W 9	23 12 34	16°20'24	18° 9	16°32	29 <b>Q</b> $53$	23°33	28°52	7°13	25°49	13°38	10°29	23°R27	24°35	15°24	1°24	W 9
T 10	23 16 30	17°18'50	29520	18°23	29°29	24°11	28°59	7°20	25°53	13°37	10°31	23°27	24°32	15°31	1°21	T 10
F 11	23 20 27	18°17'19	16°30	20°14	29° 8	24°49	29° 6	7°27	25°56	13°36	10°33	23°24	24°29	15°37	1°18	F 11
S 12	23 24 23	19°15'50	0 <b>Ω</b> 36	22° 3	28°48	25°27	29°13	7°34	26° 0	13°35	10°35	23°20	24°26	15°44	1°15	S 12
S 13	23 28 20	20°14'24	14°34	23°52	28°31	26° 5	29°19	7°41	26° 4	13°34	10°37	23°15	24°22	15°51	1°12	S 13
M14	23 32 16	21°12'59	28°23	25°40	28°17	26°43	29°26	7°49	26° 8	13°34	10°39	23°10	24°19	15°58	1°10	M14
T 15	23 36 13	22°11'36	11 <b>m</b> 57	27°26	28° 4	27°21	29°32	7°56	26°11	13°33	10°41	23° 5	24°16	16° 4	1° 7	T 15
W16	23 40 10	23°10'15	25°16	29°12	27°54	27°58	29°38	8° 3	26°15	13°32	10°43	23° 2	24°13	16°11	1° 4	W16
T 17	23 44 6	24° 8'57	8 <b>≏</b> 17	0 <b>ჲ</b> 56	27°47	28°36	29°44	8°10	26°19	13°31	10°46	22°59	24°10	16°18	1° 1	T 17
F 18	23 48 3	25° 7'40	21° 1	2°40	27°42	29°14	29°50	8°17	26°23	13°30	10°48	22°D58	24° 7	16°24	0°59	F 18
S 19	23 51 59	26° 6'25	3 <b>M</b> 27	4°22	27°39	29°52	29°56	8°25	26°27	13°29	10°50	22°59	24° 3	16°31	0°56	S 19
S 20	23 55 56	27° 5'12	15°40	6° 3	27°D39	0 <b>m</b> 30	09 2	8°32	26°30	13°28	10°52	23° 0	24° 0	16°38	0°54	S 20
M21	23 59 52	28° 4'00	27°41	7°44	27°41	1° 7	0° 7	8°39	26°34	13°27	10°54	23° 2	23°57	16°44	0°51	M21
T 22	0 3 49	29° 2'51	9 <b>∡</b> ³34	9°24	27°46	1°45	0°12	8°47	26°38	13°26	10°56	23° 4	23°54	16°51	0°49	T 22
W23	0 7 45	0 <b>₾</b> 1'43	2 <u>1</u> °25	11° 2	27°52	2°23	0°17	8°54	26°42	13°24	10°58	23° 5	23°51	16°58	0°46	W23
T 24	0 11 42	1° 0'37	3 <b>る</b> 18	12°40	28° 1	3° 0	0°22	9° 1	26°45	13°23	11° 0	23°R 5	23°48	17° 5	0°44	T 24
F 25	0 15 39	1°59'33	15°18	14°17	28°12	3°38	0°27	9° 8	26°49	13°22	11° 2	23° 4	23°44	17°11	0°41	F 25
S 26	0 19 35	2°58'30	27°30	15°53	28°25	4°16	0°31	9°16	26°53	13°21	11° 4	23° 3	23°41	17°18	0°39	S 26
S 27	0 23 32	3°57'30	9 <b>≈</b> 57	17°28	28°40	4°53	0°36	9°23	26°57	13°20	11° 6	23° 0	23°38	17°25	0°36	S 27
M28	0 27 28	4°56'31	22°42	19° 2	28°57	5°31	0°40	9°31	27° 1	13°19	11°8	22°58	23°35	17°31	0°34	M28
T 29	0 31 25	5°55'34	5 <b>)</b> 49	20°36	29°17	6° 9	0°44	9°38	27° 4	13°17	11°10	22°55	23°32	17°38	0°32	T 29
W30	0 35 21	6 <b>₽</b> 54'39	19 <b>)</b> 16	22 <b>º</b> 8	$29\Omega 38$	6 <b>m</b> 46	09548	9 <b>≏</b> 45	27Mg 8	13 <b>8</b> 16	11 Mp 12	22 <b>॒</b> 53	23 <u><b>Ω</b></u> 28	17 <b>×7</b> 45	0 <b>)</b> €30	W30

Day	0	D		ğ	ç	)	a	7		4	ħ	l	);	<del>j</del> (	4	7	Р	)	រា	Ω	ţ	Ł	
	decl	decl lat	dec	l lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	8n22	8 s 18 4n	16 12n4	2 1n46	1n58	8 s 3 8	16n25	1n10	23n	0 s26	0 s27	2n14	2n31	0n43	14n14	1 s49	20n16	13n34	9 s 1 2	9 s42	18s41	5s 7	6n 8
W 2	8 0	4 16 3	30 12	2 1 47	2 12	8 37	16 14	1 10	23	0 26	0 30	2 14	2 30	0 43	14 14	1 49	20 15	13 34	9 9	9 41	18 41	5 8	6 8
T 3	7 38	0n 3 2	31 11 1	9 1 48	2 26	8 35	16 2	1 11	23	0 26	0 32	2 14	2 28	0 43	14 14	1 49	20 14	13 34	9 8	9 39	18 41	5 9	6 8
F 4	7 16	4 26 1	23 10 3	6 1 47	2 40	8 33	15 50	1 11	23	0 26	0 35	2 14	2 27	0 43	14 14	1 49	20 14	13 34	9 7	9 38	18 41	5 11	6 8
S 5	6 54	8 39 0	9 9 5	2 1 46	2 55	8 29	15 38	1 11	23 2	0 26	0 38	2 14	2 25	0 43	14 14	1 49	20 13	13 34	9 6	9 37	18 42	5 12	6 8
S 6	6 32	12 25 1 s	7 9	7 1 45	3 10	8 25	15 26	1 11	23 2	0 26	0 41	2 14	2 24	0 43	14 13	1 49	20 12	13 35	9 6	9 36	18 42	5 13	6 8
M 7	6 9	15 30 2	19 8 2	1 1 43	3 25	8 20	15 14	1 11	23 2	0 26	0 44	2 14	2 22	0 43	14 13	1 49	20 11	13 35	9 7	9 35	18 42	5 14	6 7
T 8	5 47	17 39 3	23 7 3	5 1 40	3 40	8 14	15 1	1 12	23 2	0 26	0 46	2 14	2 21	0 43	14 13	1 50	20 11	13 35	9 7	9 34	18 42	5 15	6 7
W 9	5 24	18 43 4	15 6 4	9 1 37	3 55	8 8	14 49	1 12	23 2	0 26	0 49	2 14	2 19	0 43	14 12	1 50	20 10	13 35	9 7	9 32	18 42	5 16	6 7
T 10	5 1	18 36 4	51 6	2 1 33	4 9	8 0	14 37	1 12	23 2	0 26	0 52	2 14	2 18	0 43	14 12	1 50	20 9	13 35	9 7	9 31	18 42	5 17	6 7
F 11	4 38	17 20 5	9 5 1	5 1 29	4 24	7 53	14 24	1 12	23 2	0 26	0 55	2 14	2 16	0 43	14 12	1 50	20 9	13 35	9 6	9 30	18 43	5 19	6 7
S 12	4 15	15 1 5	9 4 2	7 1 25	4 38	7 44	14 12	1 12	23 2	0 26	0 58	2 14	2 15	0 43	14 12	1 50	20 8	13 35	9 5	9 29	18 43	5 20	6 7
S 13	3 52	11 51 4	50 3 4	0 1 20	4 52	7 36	13 59	1 13	23 2	0 26	1 1	2 14	2 13	0 43	14 11	1 50	20 7	13 35	9 3	9 28	18 43	5 21	6 6
M14	3 29	8 4 4	15 2 5	3 1 15	5 6	7 27	13 46	1 13	23 2	0 26	1 3	2 14	2 12	0 43	14 11	1 50	20 6	13 35	9 1	9 27	18 43	5 22	6 6
T 15	3 6	3 55 3	26 2	5 1 10	5 19	7 17	13 33	1 13	23 2	0 26	1 6	2 14	2 10	0 43	14 11	1 50	20 6	13 36	8 59	9 25	18 43	5 23	6 6
W16	2 43	0s21 2	26 1 1	8 1 4	5 32	7 7	13 20	1 13	23 2	0 26	1 9	2 13	2 9	0 43	14 10	1 50	20 5	13 36	8 58	9 24	18 43	5 24	6 6
T 17	2 20	4 31 1	20 0 3	1 0 58	5 44	6 57	13 7	1 13	23	0 26	1 12	2 13	2 7	0 43	14 10	1 50	20 4	13 36	8 57	9 23	18 43	5 25	6 6
F 18	1 56	8 23 0	11 0s1	5 0 52	5 56	6 46	12 54	1 13	23	0 26	1 15	2 13	2 6	0 43	14 10	1 50	20 4	13 36	8 57	9 22	18 43	5 27	6 5
S 19	1 33	11 47 On	57 1	2 0 46	6 7	6 35	12 41	1 14	23 3	0 26	1 18	2 13	2 4	0 43	14 9	1 50	20 3	13 36	8 57	9 21	18 44	5 28	6 5
S 20	1 10	14 37 2	2 1 4	8 0 40	6 17	6 25	12 28	1 14	23 3	0 26	1 21	2 13	2 3	0 43	14 9	1 50	20 2	13 36	8 57	9 20	18 44	5 29	6 5
M21	0 46	16 45 2	59 2 3	4 0 33	6 27	6 13	12 15	1 14	23	0 26	1 24	2 13	2 1	0 43	14 9	1 50	20 2	13 36	8 58	9 18	18 44	5 30	6 5
T 22	0 23	18 9 3	49 3 1	9 0 27	6 36	6 2	12 1	1 14	23	0 26	1 26	2 13	2 0	0 43	14 8	1 50	20 1	13 37	8 59	9 17	18 44	5 31	6 4
W23	0 s 1	18 44 4	29 4	4 0 20	6 44	5 51	11 48	1 14	23	0 26	1 29	2 13	1 58	0 43	14 8	1 50	20 1	13 37	8 59	9 16	18 44	5 32	6 4
T 24	0 24	18 29 4	57 4 4	9 0 13	6 52	5 40	11 34	1 14	23	0 26	1 32	2 13	1 57	0 43	14 8	1 50	20 0	13 37	8 59	9 15	18 44	5 33	6 4
F 25	0 48	17 25 5	12 5 3	3 0 6	6 59	5 28	11 21	1 15	23	0 26	1 35	2 13	1 55	0 43	14 7	1 50	19 59	13 37	8 59	9 14	18 44	5 34	6 4
S 26	1 11	15 33 5	14 6 1	7 0s 1	7 5	5 17	11 7	1 15	23 3	0 26	1 38	2 13	1 54	0 43	14 7	1 50	19 59	13 37	8 58	9 12	18 44	5 35	6 3
S 27	1 35	12 56 5	2 7	0 0 8	7 10	5 6	10 54	1 15	23 3	0 26	1 41	2 13	1 52	0 43	14 6	1 50	19 58	13 38	8 57	9 11	18 44	5 36	6 3
M28	1 58	9 39 4	34 7 4	2 0 15	7 15	4 54	10 40	1 15	23	0 26	1 44	2 13	1 51	0 43	14 6	1 50	19 58	13 38	8 56	9 10	18 44	5 37	6 3
T 29	2 21	5 48 3	52 8 2	4 0 23	7 19	4 43	10 26	1 15	23	0 25	1 47	2 13	1 49	0 43	14 6	1 51	19 57	13 38	8 55	9 9	18 45	5 38	6 3
W30	2 s45	1 s34 2n	155 9s	6 0s30	7n22	4 s 3 2	10n12	1n15	23n 3	0 s25	1 s50	2n13	1n48	0n43	14n 5	1 s51	19n57	13n38	8 s55	9s 8	18 s45	5 s 3 9	6n 2

 $\label{eq:Julian Day Number = 2348059.5, Delta T = 10.63 sec} \\ Ecliptic obliquity = 23°28'26, Nutation = 0°00'08, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 20°47'06, Lahiri = 19°54'06Greg. Calendar$ 

OCTOBER 1716 00:00 UT

Day	Sid.t	0	)	ğ	φ	ď	4	ħ	)∤(	并	В	S.	Ω	Ç	ķ	Day
T 1	0 39 18	7 <b>≏</b> 53'45	<b>3</b> Υ 3	23 <u>₽</u> 40	0 <b>m</b> y 0	7 <b>m</b> )24	0952	9 <b>Ω</b> 53	27 m/12	13°R15	11 <b>m</b> )14	22°R51	23 <b>≏</b> 25	17 <b>×7</b> 51	0°R27	T 1
F 2	0 43 14	8°52'54	17° 8	25°11	0°25	8° 1	0°55	10° 0	27°16	13 <b>8</b> 13	11°16	22°D51	23°22	17°58	0 <b>∺</b> 25	F 2
S 3	0 47 11	9°52'05	1825	26°41	0°51	8°39	0°58	10° 7	27°19	13°12	11°18	22 <b>≏</b> 51	23°19	18° 5	0°23	S 3
S 4	0 51 7	10°51'18	15°51	28°11	1°19	9°16	1° 1	10°15	27°23	13°11	11°19	22°51	23°16	18°11	0°21	S 4
M 5	0 55 4	11°50'34	0 <b>耳</b> 19	29°39	1°49	9°54	1° 4	10°22	27°27	13° 9	11°21	22°52	23°13	18°18	0°19	M 5
T 6	0 59 1	12°49'52	14°46	1 <b>m</b> 7	2°20	10°31	1° 7	10°29	27°30	13° 8	11°23	22°53	23° 9	18°25	0°17	T 6
W 7	1 2 57	13°49'12	29° 7	2°34	2°53	11° 9	1°10	10°37	27°34	13° 7	11°25	22°54	23° 6	18°32	0°15	W 7
T 8	1 6 54	14°48'34	139520	4° 0	3°27	11°46	1°12	10°44	27°38	13° 5	11°27	22°R54	23° 3	18°38	0°13	T 8
F 9	1 10 50	15°47'59	27°21	5°25	4° 2	12°24	1°14	10°51	27°41	13° 4	11°29	22°54	23° 0	18°45	0°12	F 9
S 10	1 14 47	16°47'26	11 <b>Ω</b> 10	6°49	4°39	13° 1	1°16	10°59	27°45	13° 2	11°31	22°54	22°57	18°52	0°10	S 10
S 11	1 18 43	17°46'56	24°46	8°13	5°17	13°39	1°18	11° 6	27°49	13° 1	11°32	22°53	22°53	18°58	0° 8	S 11
M12	1 22 40	18°46'28	8 <b>m</b> y 8	9°35	5°56	14°16	1°19	11°14	27°52	12°59	11°34	22°52	22°50	19° 5	0° 6	M12
T 13	1 26 36	19°46'01	21°17	10°57	6°36	14°54	1°21	11°21	27°56	12°58	11°36	22°52	22°47	19°12	0° 5	T 13
W14	1 30 33	20°45'38	4 <b>₽</b> 12	12°17	7°18	15°31	1°22	11°28	27°59	12°56	11°38	22°52	22°44	19°18	0° 3	W14
T 15	1 34 30	21°45'16	16°53	13°37	8° 1	16° 8	1°23	11°35	28° 3	12°55	11°39	22°52	22°41	19°25	0° 2	T 15
F 16	1 38 26	22°44'56	29°22	14°55	8°44	16°46	1°24	11°43	28° 7	12°53	11°41	22°52	22°38	19°32	0° 0	F 16
S 17	1 42 23	23°44'38	11 <b>M</b> 39	16°12	9°29	17°23	1°24	11°50	28°10	12°52	11°43	22°52	22°34	19°39	29≈59	S 17
S 18	1 46 19	24°44'23	23°45	17°27	10°15	18° 0	1°25	11°57	28°14	12°50	11°44	22°52	22°31	19°45	29°57	S 18
M19	1 50 16	25°44'09	5 <b>∡</b> 743	18°41	11° 1	18°38	1°R25	12° 5	28°17	12°48	11°46	22°51	22°28	19°52	29°56	M19
T 20	1 54 12	26°43'57	17°36	19°54	11°49	19°15	1°25	12°12	28°20	12°47	11°48	22°51	22°25	19°59	29°55	T 20
W21	1 58 9	27°43'47	29°26	21° 5	12°37	19°52	1°25	12°19	28°24	12°45	11°49	22°50	22°22	20° 5	29°54	W21
T 22	2 2 5	28°43'38	11 <b>る</b> 18	22°14	13°27	20°29	1°24	12°26	28°27	12°44	11°51	22°50	22°19	20°12	29°52	T 22
F 23	2 6 2	29°43'31	23°16	23°20	14°17	21° 7	1°24	12°33	28°31	12°42	11°53	22°49	22°15	20°19	29°51	F 23
S 24	2 9 59	0ML43'26	5≈24	24°25	15° 7	21°44	1°23	12°40	28°34	12°40	11°54	22°D49	22°12	20°25	29°50	S 24
S 25	2 13 55	1°43'23	17°48	25°27	15°59	22°21	1°22	12°48	28°37	12°39	11°56	22°50	22° 9	20°32	29°49	S 25
M26	2 17 52	2°43'21	0 <b>)</b> €31	26°26	16°51	22°58	1°21	12°55	28°41	12°37	11°57	22°50	22° 6	20°39	29°49	M26
T 27	2 21 48	3°43'21	13°37	27°22	17°44	23°35	1°19	13° 2	28°44	12°35	11°59	22°51	22° 3	20°46	29°48	T 27
W28	2 25 45	4°43'22	27° 8	28°14	18°38	24°12	1°18	13° 9	28°47	12°34	12° 0	22°52	21°59	20°52	29°47	W28
T 29	2 29 41	5°43'25	11 <b>°</b> 4	29° 2	19°32	24°49	1°16	13°16	28°50	12°32	12° 1	22°53	21°56	20°59	29°46	T 29
F 30	2 33 38	6°43'30	25°24	29°46	20°27	25°27	1°14	13°23	28°54	12°30	12° 3	22°R53	21°53	21° 6	29°45	F 30
S 31	2 37 34	7 <b>11</b> L43'37	108 4	0 <b>₹</b> 25	21 <b>m</b> 23	26Mp 4	19911	13 <b>≏</b> 30	28 <b>m</b> 57	12829	12 Mp 4	22 <b>≏</b> 53	21 <b>≏</b> 50	21 <b>×</b> 12	29≈45	S 31

Day	0	D	ğ	φ	♂	4	ħ	)Å(	并	Р	ß	v €	ķ
	decl	decl lat	decl lat	decl lat d	ecl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl	decl decl	decl lat
T 1 F 2 S 3	3 s 8 3 32 3 55		10 27 0 44		45 1 16		1 s52 2n13 1 55 2 13 1 58 2 13	1n46 0n43 1 45 0 43 1 43 0 43	14 4 1 51	19 55 13 39	8 s 5 4 8 5 4 8 5 4	9s 7 18s45 9 5 18 45 9 4 18 45	5 s41 6n 2 5 42 6 2 5 43 6 1
S 4 M 5 T 6 W 7 T 8 F 9		17 6 3 13 18 28 4 10 18 38 4 50 17 37 5 13		7 25 3 16 8	17	23 3 0 25 23 3 0 25 23 3 0 25 23 3 0 25 23 3 0 25	2 1 2 13 2 4 2 13 2 7 2 13 2 10 2 13 2 13 2 13 2 15 2 14	1 42 0 43 1 40 0 43 1 39 0 43 1 37 0 43 1 36 0 43 1 34 0 43	14 3 1 51 14 3 1 51 14 2 1 51 14 2 1 51	19 54 13 40 19 53 13 40 19 53 13 40	8 54 8 54 8 55 8 55 8 55 8 55	9 3 18 45 9 2 18 45 9 1 18 45 9 0 18 45 8 58 18 45 8 57 18 45	5 44 6 1 5 45 6 1 5 46 6 1 5 46 6 0 5 47 6 0 5 48 6 0
S 10 S 11 M12 T 13 W14 T 15 F 16 S 17	6 59 7 22 7 45 8 7 8 29 8 52	9 3 4 30 5 4 3 44 0 55 2 47 3 s 14 1 42 7 9 0 33 10 42 0 n 36	17 0 1 58 17 31 2 4 18 1 2 10 18 29 2 15	7 11 2 35 7 7 5 2 26 7 7 0 2 16 7 6 53 2 7 6 6 46 1 57 6	25 1 17	23 3 0 25 23 3 0 25	2 18 2 14 2 21 2 14 2 24 2 14 2 27 2 14 2 29 2 14 2 32 2 14 2 35 2 14 2 38 2 14	1 27 0 43 1 26 0 43 1 24 0 43	14 0 1 51 14 0 1 51 13 59 1 51 13 59 1 51 13 58 1 51	19 51 13 41 19 51 13 42 19 50 13 42 19 50 13 42 19 50 13 43 19 49 13 43	8 55 8 55 8 54 8 54 8 54 8 54 8 54 8 54	8 56 18 45 8 55 18 45 8 54 18 45 8 52 18 45 8 51 18 45 8 50 18 46 8 49 18 46 8 48 18 46	5 49 5 59 5 50 5 59 5 51 5 59 5 52 5 58 5 53 5 58 5 54 5 58 5 55 5 5 7 5 55 5 5 7
S 18 M19 T 20 W21 T 22 F 23 S 24	9 36 9 58 10 19 10 41 11 2 11 23	16 6 2 43 17 45 3 36 18 35 4 19 18 37 4 51 17 50 5 11 16 15 5 17	19 24 2 26	6 20 1 30 5 6 11 1 22 5 6 1 1 1 13 5 5 50 1 5 5 5 39 0 57 4	56 1 18 42 1 18 27 1 18 13 1 18 58 1 18 43 1 18	23 3 0 25 23 3 0 25 23 3 0 25 23 3 0 25 23 4 0 24 23 4 0 24	2 41 2 14 2 43 2 14	1 22 0 43 1 20 0 43 1 19 0 43 1 18 0 43 1 16 0 43	13 57 1 51 13 56 1 51 13 56 1 51 13 55 1 51 13 55 1 51 13 54 1 51	19 49 13 44 19 48 13 44 19 48 13 44 19 48 13 45 19 47 13 45 19 47 13 45	8 54 8 54 8 54 8 54 8 53 8 53 8 53	8 47 18 46 8 45 18 46 8 44 18 46 8 43 18 46 8 42 18 46 8 41 18 46 8 39 18 46	5 56 5 56 5 57 5 56 5 58 5 56 5 59 5 55 5 59 5 55
S 25 M26 T 27 W28 T 29 F 30 S 31	12 5 12 26 12 47 13 7 13 27 13 47 14s 6	7 23 4 11 3 22 3 21 0n58 2 18 5 23 1 5 9 37 0s14	21 55 2 51 22 11 2 53 22 25 2 54 22 37 2 54 22 48 2 54 22 57 2 53 23 s 3 2 s51	4 48 0 26 4 4 34 0 19 3 4 19 0 12 3 4 5 0 5 3 3 49 0n 2 3	30 1 18 16 1 18 1 1 19	23 4 0 24 23 4 0 24 23 4 0 24 23 4 0 24	3 0 2 15 3 2 2 15 3 5 2 15 3 8 2 15 3 10 2 15 3 13 2 15 3 s16 2n15	1 11 0 43 1 10 0 43 1 8 0 43 1 7 0 43 1 6 0 43	13 53 1 51 13 52 1 51 13 52 1 51 13 51 1 51 13 51 1 51	19 46 13 48	8 53 8 54 8 54 8 54 8 55 8 55 8 855	8 38 18 46 8 37 18 46 8 36 18 46 8 35 18 46 8 34 18 46 8 32 18 46 8 31 18 46	6 2 5 53 6 3 5 53 6 3 5 53 6 4 5 52 6 5 5 52

Julian Day Number = 2348089.5, Delta T = 10.63 sec Ecliptic obliquity = 23°28'26, Nutation =  $0^\circ00'06$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^\circ47'10$ , Lahiri =  $19^\circ54'11$ Greg. Calendar

NOVEMBER 1716 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂ <sup>™</sup>	4	ħ	)Å(	并	В	u	v	Ç	Š	Day
S 1	2 41 31	8ML43'46	24856	0 <b>∡</b> 759	22 <b>m</b> 19	26 <b>m</b> 41	1°R 9	13 <b>≏</b> 37	29 <b>m</b> 0	12°R27	12 mg 6	22°R52	21 <b>≏</b> 47	21 <b>×</b> 19	29°R44	S 1
M 2	2 45 28	9°43'56	9Д53	1°26	23°16	27°18	195 6	13°44	29° 3	12825	12° 7	22 <b>≏</b> 50	21°44	21°26	29≈44	M 2
T 3	2 49 24	10°44'09	24°46	1°47	24°13	27°55	1° 4	13°50	29° 6	12°24	12° 8	22°47	21°40	21°32	29°43	T 3
W 4	2 53 21	11°44'24	99528	2° 1	25°11	28°32	1° 1	13°57	29° 9	12°22	12° 9	22°45	21°37	21°39	29°43	W 4
T 5	2 57 17	12°44'40	23°53	2°R 6	26°10	29° 9	0°57	14° 4	29°12	12°20	12°11	22°43	21°34	21°46	29°43	T 5
F 6	3 1 14	13°44'59	$7\Omega_{58}$	2° 3	27° 9	29°46	0°54	14°11	29°15	12°18	12°12	22°D42	21°31	21°53	29°42	F 6
S 7	3 5 10	14°45'19	21°43	1°50	28° 8	0 <b>ჲ</b> 23	0°51	14°17	29°18	12°17	12°13	22°42	21°28	21°59	29°42	S 7
S 8	3 9 7	15°45'42	5Mp 6	1°27	29° 8	0°59	0°47	14°24	29°21	12°15	12°14	22°43	21°25	22° 6	29°42	S 8
M 9	3 13 3	16°46'07	18°11	0°55	0 <b>亚</b> 8	1°36	0°43	14°31	29°24	12°13	12°15	22°45	21°21	22°13	29°42	M 9
T 10	3 17 0	17°46'33	1₽ 0	0°12	1° 9	2°13	0°39	14°37	29°27	12°12	12°16	22°46	21°18	22°19	29°D42	T 10
W11	3 20 57	18°47'01	13°34	29 <b>M</b> .19	2°10	2°50	0°34	14°44	29°30	12°10	12°18	22°48	21°15	22°26	29°42	W11
T 12	3 24 53	19°47'31	25°57	28°17	3°12	3°27	0°30	14°50	29°32	12° 8	12°19	22°R48	21°12	22°33	29°42	T 12
F 13	3 28 50	20°48'03	8 <b>M</b> .11	27° 8	4°14	4° 4	0°25	14°57	29°35	12° 7	12°20	22°47	21° 9	22°40	29°42	F 13
S 14	3 32 46	21°48'37	20°16	25°52	5°16	4°40	0°20	15° 3	29°38	12° 5	12°21	22°44	21° 5	22°46	29°43	S 14
S 15	3 36 43	22°49'12	2 <b>√</b> 15	24°32	6°19	5°17	0°15	15°10	29°40	12° 3	12°22	22°40	21° 2	22°53	29°43	S 15
M16	3 40 39	23°49'48	14° 9	23°10	7°22	5°54	0°10	15°16	29°43	12° 2	12°23	22°35	20°59	23° 0	29°43	M16
T 17	3 44 36	24°50'26	26° 0	21°50	8°26	6°31	0° 5	15°22	29°46	12° 0	12°23	22°29	20°56	23° 6	29°44	T 17
W18	3 48 32	25°51'05	7 <b>云</b> 51	20°34	9°30	7° 7	29∏59	15°28	29°48	11°58	12°24	22°22	20°53	23°13	29°44	W18
T 19	3 52 29	26°51'46	19°43	19°24	10°34	7°44	29°54	15°35	29°51	11°57	12°25	22°17	20°50	23°20	29°45	T 19
F 20	3 56 26	27°52'28	1≈40	18°22	11°38	8°21	29°48	15°41	29°53	11°55	12°26	22°12	20°46	23°26	29°45	F 20
S 21	4 0 22	28°53'11	13°45	17°30	12°43	8°57	29°42	15°47	29°55	11°54	12°27	22° 9	20°43	23°33	29°46	S 21
S 22	4 4 19	29°53'54	26° 4	16°50	13°48	9°34	29°36	15°53	29°58	11°52	12°28	22°D 8	20°40	23°40	29°47	S 22
M23	4 8 15	0 <b>₮</b> 54'39	8 <b>)(</b> 40	16°21	14°53	10°10	29°29	15°59	0 <b>亚</b> 0	11°50	12°28	22° 8	20°37	23°47	29°48	M23
T 24	4 12 12	1°55'25	21°38	16° 3	15°59	10°47	29°23	16° 5	0° 2	11°49	12°29	22° 9	20°34	23°53	29°48	T 24
W25	4 16 8	2°56'12	5 <b>Υ</b> 2	15°D57	17° 5	11°23	29°16	16°10	0° 5	11°47	12°30	22°11	20°31	24° 0	29°49	W25
T 26	4 20 5	3°57'00	18°54	16° 1	18°11	12° 0	29°10	16°16	0° 7	11°46	12°30	22°R12	20°27	24° 7	29°50	T 26
F 27	4 24 1	4°57'49	3 <b>8</b> 14	16°16	19°17	12°36	29° 3	16°22	0° 9	11°44	12°31	22°11	20°24	24°13	29°51	F 27
S 28	4 27 58	5°58'39	18° 0	16°40	20°24	13°13	28°56	16°28	0°11	11°43	12°31	22° 9	20°21	24°20	29°52	S 28
S 29	4 31 55	6°59'30	3 <b>II</b> 5	17°12	21°31	13°49	28°49	16°33	0°13	11°41	12°32	22° 4	20°18	24°27	29°54	S 29
M30	4 35 51	8 <b>₮</b> 0'22	18Ⅲ21	17 <b>M</b> 51	22 <b>॒</b> 38	14 <b>≏</b> 25	28∏42	16 <b>≏</b> 39	0 <b>ჲ</b> 15	11840	12 <b>m</b> /32	21 <b>≏</b> 58	20 <b>≏</b> 15	24 <b>×</b> 34	29≈55	M30

Day	0	D	ğ	·	♂	4	ħ	)Å(	¥	Р	n	Ω	Ç	ķ
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl	decl d	ecl o	decl lat
S 1	14 s26	16n18 2s4	18 23 s 7 2 s 4	8 3n17 0n15	2n32 1n1	23n 4 0s24	3 s 18 2 n 1 5	1n 3 0n43	13n50 1s51	19n45 13n49	8 s54	8 s 3 0 1 8	s46 6	s 6 5n51
M 2	14 45	18 9 3 5	51 23 9 2 4	4 3 0 0 22	2 17 1 19	23 4 0 24	3 21 2 15	1 2 0 43	13 49 1 51	19 45 13 49	8 53	8 29 18	46 6	5 6 5 51
T 3	15 4	18 44 4 3	39 23 8 2 3	9 2 43 0 28	2 2 1 1	23 4 0 24	3 23 2 15	1 1 0 43	13 49 1 51	19 45 13 50	8 52	8 28 18	46 6	5 7 5 50
W 4	15 23	18 2 5	7 23 5 2 3	2 26 0 34	1 47 1 1	23 5 0 24	3 26 2 16	1 0 0 43	13 48 1 51	19 45 13 50	8 52	8 26 18	46 6	5 7 5 50
T 5	15 41	16 11 5 1	5 22 58 2 2	5 2 8 0 39	1 33 1 1	23 5 0 24	3 28 2 16	0 59 0 43	13 48 1 51	19 45 13 51	8 51	8 25 18	45 6	5 8 5 50
F 6	15 59	13 24 5	4 22 49 2 1	5 1 50 0 45	1 18 1 1	23 5 0 24	3 31 2 16	0 57 0 43	13 47 1 51	19 45 13 51	8 51	8 24 18	45 6	8 5 49
S 7	16 17	9 56 4 3	36 22 35 2	4 1 31 0 51	1 3 1 1	23 5 0 23	3 33 2 16	0 56 0 43	13 47 1 51	19 45 13 52	8 51	8 23 18	45 6	5 9 5 49
S 8	16 35	6 2 3 5	53 22 19 1 5	2 1 12 0 56	0 49 1 1	23 5 0 23	3 36 2 16	0 55 0 43	13 46 1 51	19 45 13 52	8 51	8 22 18	45 6	5 9 5 48
M 9	16 52	1 56 2 5	59 21 58 1 3	8 0 53 1 1	0 34 1 1	23 5 0 23	3 38 2 16	0 54 0 43	13 46 1 51	19 45 13 52	8 52	8 20 18	45 6	9 5 48
T 10	17 9	2s11 1 5	57 21 34 1 2	2 0 33 1 6	0 20 1 1	23 5 0 23	3 41 2 16	0 53 0 43	13 45 1 51	19 45 13 53	8 52	8 19 18	45 6	5 10 5 47
W11	17 26	6 8 0 5	51 21 6 1	5 0 13 1 11	0 5 1 1	23 5 0 23	3 43 2 16	0 52 0 43	13 45 1 51	19 45 13 53	8 53	8 18 18	45 6	5 10 5 47
T 12	17 43	9 46 0n1	7 20 34 0 4	7 0s 7 1 16	0 s10 1 1	23 5 0 23	3 45 2 17	0 51 0 43	13 44 1 51	19 45 13 54	8 53	8 17 18	45 6	5 11 5 47
F 13	17 59	12 56 1 2	23 19 59 0 2	7 0 28 1 20	0 24 1 1	23 5 0 23	3 48 2 17	0 50 0 43	13 44 1 51	19 45 13 54	8 52	8 16 18	45 6	5 11 5 46
S 14	18 15	15 31 2 2	25 19 21 0	7 0 48 1 25	0 39 1 19	23 5 0 23	3 50 2 17	0 49 0 43	13 43 1 51	19 45 13 55	8 51	8 14 18	45 6	5 11 5 46
S 15	18 30	17 23 3 1	9 18 42 0n1	4 1 9 1 29	0 53 1 1	23 6 0 23	3 52 2 17	0 48 0 43	13 43 1 51	19 45 13 55	8 50	8 13 18	45 6	5 11 5 45
M16	18 45	18 29 4	5 18 2 0 3	4 1 30 1 33	1 8 1 1	23 6 0 23	3 55 2 17	0 47 0 43	13 42 1 51	19 45 13 56	8 48	8 12 18	45 6	5 12 5 45
T 17	19 0	18 46 4 3	39 17 23 0 5	4 1 52 1 37	1 22 1 1		3 57 2 17	0 46 0 44	13 42 1 51	19 45 13 56	8 46	8 11 18	45 6	5 12 5 45
W18	19 15	18 14 5	1 16 45 1 1	3 2 14 1 41	1 37 1 1		3 59 2 17	0 45 0 44	13 41 1 51	19 45 13 57	8 43	8 10 18	45 6	5 12 5 44
T 19	19 29		1 16 9 1 3	0 2 35 1 44			4 1 2 18	0 44 0 44	13 41 1 51		8 41		-	5 12 5 44
F 20	19 43		7 15 38 1 4	5 2 57 1 48	2 6 1 1	23 6 0 22	4 4 2 18		13 40 1 51	19 45 13 58	8 39	8 7 18	45 6	5 13 5 43
S 21	19 56	12 6 4 5	50 15 11 1 5	9 3 20 1 51	2 20 1 1	23 6 0 22	4 6 2 18	0 42 0 44	13 40 1 51	19 45 13 58	8 38	8 6 18	44 6	5 13 5 43
S 22	20 9	8 47 4 1	9 14 49 2 1	0 3 42 1 54	2 35 1 1	23 6 0 22	4 8 2 18	0 41 0 44	13 39 1 51	19 45 13 59	8 38	8 5 18	44 6	5 13 5 43
M23	20 22	5 1 3 3	34 14 32 2 1	9 4 4 1 57	2 49 1 1	23 6 0 22	4 10 2 18	0 40 0 44	13 39 1 51	19 46 13 59	8 38	8 4 18	44 6	5 13 5 42
T 24	20 35	0 54 2 3	88 14 20 2 2	6 4 27 2 0	3 3 1 1	23 6 0 22	4 12 2 18	0 39 0 44	13 38 1 51	19 46 14 0	8 38	8 3 18	44 6	5 13 5 42
W25	20 47	3n24 1 3	32 14 13 2 3	1 4 50 2 3	3 18 1 19	23 6 0 22	4 14 2 19	0 38 0 44	13 38 1 51	19 46 14 0	8 39	8 1 18	44 6	5 13 5 41
T 26	20 58	7 41 0 1	8 14 11 2 3	4 5 13 2 5	3 32 1 1	23 6 0 22	4 16 2 19	0 38 0 44	13 38 1 51	19 46 14 1	8 39	8 0 18	44 6	5 13 5 41
F 27	21 9	11 41 0s5	59 14 14 2 3	6 5 35 2 8	3 46 1 1	23 7 0 22	4 18 2 19	0 37 0 44	13 37 1 51	19 46 14 1	8 39	7 59 18	44 6	5 13 5 41
S 28	21 20	15 3 2 1	5 14 20 2 3	6 5 58 2 10	4 0 1 1	23 7 0 22	4 20 2 19	0 36 0 44	13 37 1 51	19 47 14 2	8 38	7 58 18	44 6	5 13 5 40
S 29	21 31	17 29 3 2	23 14 30 2 3	5 6 21 2 12	4 14 1 19	23 7 0 21	4 22 2 19	0 35 0 44	13 36 1 51	19 47 14 2	8 36	7 57 18	44 6	5 13 5 40
M30	21 s40	18n42 4s1	7 14s43 2n3	3 6s44 2n14	4 s29 1n1	23n 7 0s21	4s24 2n20	0n34 0n44	13n36 1s51	19n47 14n 2	8 s34	7 s 5 5 18	s44 6	s13 5n39

Julian Day Number = 2348120.5, Delta T = 10.62 sec Ecliptic obliquity =  $23^{\circ}28'25$ , Nutation =  $0^{\circ}00'05$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^{\circ}47'14$ , Lahiri =  $19^{\circ}54'15$ Greg. Calendar

DECEMBER 1716 00:00 UT

Day	Sid.t	0	D	ğ	·	ð	24	ħ	)ţ(	并	В	R	Ω	Ç	ķ	Day
T 1	4 39 48	9 <b>.7</b> 1'15	3937	18 <b>M</b> .37	23 <b>Ω</b> 45	15 <b>♀</b> 2	28°R35	16₽44	0 <b>₽</b> 17	11°R38	12 <b>m</b> /33	21°R51	20₽11	24×740	29≈56	T 1
W 2	4 43 44	10° 2'10	18°42	19°29	24°53	15°38	28Ⅲ27	16°49	0°19	11837	12°33	21 <b>º</b> 43	20° 8	24°47	29°57	W 2
T 3	4 47 41	11° 3'05	3 <b>Ω</b> 27	20°27	26° 0	16°14	28°20	16°55	0°21	11°35	12°34	21°37	20° 5	24°54	29°59	T 3
F 4	4 51 37	12° 4'02	17°46	21°28	27° 8	16°51	28°12	17° 0	0°22	11°34	12°34	21°32	20° 2	25° 0	0 <b>₩</b> 0	F 4
S 5	4 55 34	13° 5'00	1 <b>m</b> 37	22°34	28°16	17°27	28° 5	17° 5	0°24	11°33	12°34	21°29	19°59	25° 7	0° 2	S 5
S 6	4 59 30	14° 6'00	15° 2	23°42	29°25	18° 3	27°57	17°10	0°26	11°31	12°35	21°D29	19°56	25°14	0° 3	S 6
M 7	5 3 27	15° 7'00	28° 1	24°54	0 <b>M</b> .33	18°39	27°49	17°15	0°27	11°30	12°35	21°29	19°52	25°21	0° 5	M 7
T 8	5 7 24	16° 8'01	10 <b>≏</b> 40	26° 9	1°42	19°15	27°42	17°20	0°29	11°28	12°35	21°30	19°49	25°27	0° 7	T 8
W 9	5 11 20	17° 9'04	23° 3	27°25	2°51	19°51	27°34	17°25	0°30	11°27	12°35	21°R31	19°46	25°34	0° 8	W 9
T 10	5 15 17	18°10'08	5 <b>M</b> 13	28°44	4° 0	20°27	27°26	17°30	0°32	11°26	12°36	21°30	19°43	25°41	0°10	T 10
F 11	5 19 13	19°11'12	17°15	0 <b>√</b> 4	5° 9	21° 3	27°18	17°35	0°33	11°25	12°36	21°26	19°40	25°47	0°12	F 11
S 12	5 23 10	20°12'18	29°11	1°25	6°19	21°39	27°10	17°39	0°35	11°23	12°36	21°20	19°36	25°54	0°14	S 12
S 13	5 27 6	21°13'24	11 <b>~</b> 3	2°48	7°28	22°15	27° 2	17°44	0°36	11°22	12°36	21°11	19°33	26° 1	0°16	S 13
M14	5 31 3	22°14'31	22°55	4°12	8°38	22°51	26°53	17°48	0°37	11°21	12°36	21° 0	19°30	26° 8	0°18	M14
T 15	5 34 59	23°15'38	4 <b>⋜</b> 46	5°37	9°48	23°27	26°45	17°53	0°39	11°20	12°R36	20°47	19°27	26°14	0°20	T 15
W16	5 38 56	24°16'46	16°39	7° 3	10°58	24° 3	26°37	17°57	0°40	11°19	12°36	20°34	19°24	26°21	0°22	W16
T 17	5 42 53	25°17'55	28°35	8°29	12° 8	24°39	26°29	18° 1	0°41	11°18	12°36	20°22	19°21	26°28	0°24	T 17
F 18	5 46 49	26°19'03	10≈35	9°57	13°19	25°15	26°21	18° 5	0°42	11°16	12°36	20°11	19°17	26°34	0°26	F 18
S 19	5 50 46	27°20'12	22°43	11°25	14°29	25°50	26°13	18°10	0°43	11°15	12°36	20° 3	19°14	26°41	0°29	S 19
S 20	5 54 42	28°21'21	5 <b>米</b> 2	12°53	15°39	26°26	26° 5	18°14	0°44	11°14	12°36	19°58	19°11	26°48	0°31	S 20
M21	5 58 39	29°22'31	17°34	14°22	16°50	27° 2	25°56	18°17	0°45	11°13	12°35	19°56	19° 8	26°55	0°33	M21
T 22	6 2 35	0 <b>ප්</b> 23'40	0 <b>Υ</b> 25	15°51	18° 1	27°37	25°48	18°21	0°45	11°12	12°35	19°D55	19° 5	27° 1	0°36	T 22
W23	6 6 32	1°24'49	13°39	17°21	19°12	28°13	25°40	18°25	0°46	11°11	12°35	19°R55	19° 2	27° 8	0°38	W23
T 24	6 10 28	2°25'58	27°18	18°51	20°23	28°48	25°32	18°29	0°47	11°10	12°35	19°55	18°58	27°15	0°41	T 24
F 25	6 14 25	3°27'07	11826	20°21	21°34	29°24	25°24	18°32	0°48	11°10	12°34	19°53	18°55	27°21	0°43	F 25
S 26	6 18 22	4°28'16	26° 1	21°52	22°45	29°59	25°16	18°36	0°48	11° 9	12°34	19°49	18°52	27°28	0°46	S 26
S 27	6 22 18	5°29'25	11 <b>I</b> 1	23°23	23°56	0 <b>M</b> .34	25° 8	18°39	0°49	11° 8	12°34	19°42	18°49	27°35	0°48	S 27
M28	6 26 15	6°30'34	26°17	24°55	25° 8	1°10	25° 0	18°42	0°49	11° 7	12°33	19°33	18°46	27°42	0°51	M28
T 29	6 30 11	7°31'43	119538	26°27	26°19	1°45	24°53	18°45	0°50	11° 6	12°33	19°22	18°42	27°48	0°54	T 29
W30	6 34 8	8°32'53	26°54	27°59	27°31	2°20	24°45	18°48	0°50	11° 5	12°32	19°10	18°39	27°55	0°57	W30
T 31	6 38 4	9 <b>ප</b> 34'02	11 <b>£</b> 53	29 <b>×</b> 32	28 <b>M</b> 42	2 <b>M</b> .55	24∏37	18 <b>≏</b> 51	0 <b>ჲ</b> 50	118 5	12 <b>m</b> /32	19 <b>♀</b> 0	18 <b>≏</b> 36	28 <b>∡</b> 2	0 <b>∺</b> 59	T 31

Day	0	D	ğ	Q	ð	4	ħ	)Å(	并	Р	ß	v t	ķ
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl	decl decl	decl lat
T 1 W 2 T 3 F 4 S 5	21 s50 21 59 22 8 22 16 22 24	17 6 5 7 14 32 5 1 11 9 4 36	14s59 2n30 15 17 2 20 15 36 2 22 15 58 2 10 16 20 2 1	6 7 31 2 18 2 7 54 2 19 6 8 17 2 21	4s43 1n19 4 57 1 19 5 11 1 19 5 25 1 19 5 38 1 19	23 7 0 21 23 7 0 21	4s26 2n20 4 28 2 20 4 30 2 20 4 32 2 20 4 33 2 21	0 32 0 44		19 48 14 3 19 48 14 4 19 48 14 4	8 s 3 1 8 2 9 8 2 6 8 2 4 8 2 3	7 s 5 4 18 s 4 3 7 5 3 18 4 3 7 5 2 18 4 3 7 5 1 18 4 3 7 4 9 1 8 4 3	6s13 5n39 6 13 5 39 6 13 5 38 6 13 5 38 6 12 5 38
	22 32 22 38 22 45 22 51 22 57	8 51 On 8 12 8 1 13	17 7 1 58 17 31 1 5 17 55 1 44 18 20 1 3	8 9 26 2 24 1 9 49 2 25 4 10 12 2 26 7 10 34 2 27	5 52 1 19 6 6 1 19 6 20 1 19 6 33 1 19 6 47 1 19	23 7 0 20 23 7 0 20 23 7 0 20 23 7 0 20	4 35 2 21 4 37 2 21 4 38 2 21 4 40 2 21 4 42 2 22	0 30 0 44 0 29 0 44 0 28 0 44 0 28 0 44	13 33 1 51 13 33 1 51 13 32 1 50 13 32 1 50	19 50 14 7 19 50 14 7 19 50 14 8	8 23 8 23 8 24 8 24 8 24	7 48 18 43 7 47 18 43 7 46 18 43 7 45 18 42 7 43 18 42	6 12 5 37 6 12 5 36 6 12 5 36 6 11 5 36
S 12 S 13 M14 T 15	23 11 23 15 23 18	16 57 3 7 18 18 3 52 18 50 4 28 18 32 4 51	19 55 1 3 20 18 0 59	2 11 19 2 28 4 11 42 2 28 7 12 4 2 28 9 12 26 2 28	7 1 1 19 7 14 1 19 7 28 1 19 7 41 1 19 7 54 1 19	23 7 0 20 23 7 0 20 23 7 0 20 23 7 0 19	4 43 2 22 4 45 2 22 4 46 2 22 4 48 2 23 4 49 2 23	0 27 0 44 0 26 0 44 0 26 0 44 0 25 0 45	13 31 1 50 13 30 1 50	19 51 14 9 19 52 14 9 19 52 14 10 19 53 14 10	8 12 8 8	7 42 18 42 7 41 18 42 7 40 18 42 7 39 18 42 7 37 18 41	6 11 5 35 6 11 5 35 6 10 5 35 6 10 5 34 6 10 5 34
T 17 F 18 S 19	23 21 23 23 23 25 23 27 23 28	15 35 4 59 13 3 4 44	21 43 0 28	4 13 9 2 28 6 13 30 2 28 8 13 52 2 27	8 8 1 18 8 21 1 18 8 34 1 18 8 47 1 18 9 0 1 18	23 6 0 19 23 6 0 19 23 6 0 19	4 51 2 23 4 52 2 23 4 54 2 24 4 55 2 24 4 56 2 24		13 30 1 50 13 29 1 50 13 29 1 50	19 53 14 11	8 3 7 58 7 54 7 51 7 49	7 36 18 41 7 35 18 41 7 34 18 41 7 32 18 41 7 31 18 41	6 9 5 33 6 9 5 33 6 8 5 33 6 8 5 32 6 7 5 32
M21 T 22 W23 T 24 F 25	23 28 23 28 23 28 23 27 23 26	2 25 2 43 1n43 1 42 5 54 0 33 9 55 0s39 13 31 1 51	22 20 0 13 22 37 0 0 22 54 0s 3 23 9 0 9 23 23 0 10	3 14 33 2 26 6 14 53 2 26 1 15 14 2 25 9 15 33 2 24 6 15 53 2 23 1	9 13 1 18 9 26 1 18 9 39 1 18 9 51 1 18 10 4 1 18	23 6 0 19 23 6 0 18 23 6 0 18 23 6 0 18 23 6 0 18 23 6 0 18	4 57 2 24 4 59 2 24 5 0 2 25 5 1 2 25 5 2 2 25	0 23 0 45 0 23 0 45 0 23 0 45 0 22 0 45 0 22 0 45	13 28 1 50 13 28 1 50	19 56 14 13 19 56 14 13 19 57 14 14 19 57 14 14 19 58 14 15	7 48 7 48 7 48 7 48 7 47	7 30 18 40 7 29 18 40 7 28 18 40 7 26 18 40 7 25 18 40	6 7 5 32 6 6 5 31 6 6 5 31 6 5 5 31 6 5 5 30
S 27 M28 T 29 W30	23 19 23 16	18 14 3 56 18 49 4 37 18 1 4 58 15 56 4 58	23 48 0 29 23 58 0 30 24 8 0 42 24 16 0 49	6 16 49 2 19 1	10 29 1 17 10 41 1 17 10 54 1 17 11 6 1 17	23 5 0 18 23 5 0 18 23 5 0 17	5 3 2 26 5 4 2 26 5 5 2 26 5 6 2 26 5 7 2 27 5s 8 2n27	0 22 0 45 0 22 0 45 0 22 0 45 0 21 0 45	13 27 1 50 13 27 1 50 13 27 1 49	19 59 14 16 19 59 14 16 20 0 14 17	7 46 7 43 7 40 7 35 7 31 7 s27	7 24 18 39 7 23 18 39 7 22 18 39 7 20 18 39 7 19 18 39 7 s18 18 s38	6 3 5 29 6 2 5 29 6 2 5 29

Julian Day Number = 2348150.5, Delta T = 10.62 sec Ecliptic obliquity = 23°28'25, Nutation =  $0^\circ00'05$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^\circ47'18$ , Lahiri =  $19^\circ54'19$ Greg. Calendar