

# Astrodienst Ephemeris Tables for the year 1747

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 1747 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂	4	ħ	)ţ(	并	В	n	Ω	Ç	ķ	Day
														-		,
S 1 M 2	6 40 58 6 44 55	10 <b>る</b> 17'52 11°19'01	28 <b>\Omega</b> 4	11°R 6 9 <b>⋜</b> 45	4°R 0	20 <b>≙</b> 47 21°17	29 <b>×</b> 28 29°42	25 <b>Ω</b> 40 25°43	7 <b>≈</b> 43 7°46	19°R52 19 <b>©</b> 50	25 <b>M</b> 53 25°54	6°R44 6°D44	8 <b>∺</b> 20 8°17	18 <b>8</b> 48 18°55	11°R39 11 <b>m</b> 39	S 1 M 2
T 3	6 48 51	11°19'01 12°20'11	11 <b>M</b> )16 24°42	8°25	3≈47 3°32	21°17 21°48	29°42 29°56	25°46	7°49	19°48	25°56	6*D44 6 <b>)</b> (44	8°17 8°14	18°55 19° 2	11 lly 39 11°38	T 3
W 4	6 52 48	12 20 11 13°21'21	8 <u>₽</u> 22	7° 8	3°14	21 48 22°19	29 36 0 <b>궁</b> 9	25°50	7°52	19 48 19°46	25°58	6°R45	8°10	19° 2	11°37	W 4
T 5	6 56 44	13 21 21 14°22'30	22°19	5°58	2°54	22°49	0°23	25°53	7°56	19°45	25 38 26° 0	6°45	8° 7	19°15	11°36	T 5
F 6	7 0 41	14 22 30 15°23'40	6MJ32	4°55	2°31	22 49 23°19	0°36	25°56	7°59	19 43 19°43	26° 1	6°43	8° 4	19 13 19°22	11°35	F 6
S 7	7 4 37	15 23 40 16°24'51	20°59	4° 0	2° 7	23°49	0°50	25°59	8° 2	19 43 19°41	26° 3	6°39	8° 1	19°22	11°33	S 7
3 /					2 /											
S 8	7 8 34	17°26'01	5 <b>₹</b> 37	3°15	1°40	24°19	1° 3	26° 2	8° 6	19°40	26° 5	6°33	7°58	19°35	11°32	S 8
M 9	7 12 30	18°27'11	20°20	2°40	1°12	24°49	1°17	26° 5	8° 9	19°38	26° 7	6°25	7°54	19°42	11°30	M 9
T 10	7 16 27	19°28'21	5ਰ 1	2°15	0°41	25°19	1°30	26° 7	8°12	19°36	26° 8	6°17	7°51	19°49	11°29	T 10
W11	7 20 24	20°29'30	19°32	1°59	<u>0°</u> 9	25°48	1°44	26°10	8°16	19°35	26°10	6°10	7°48	19°56	11°27	W11
T 12	7 24 20	21°30'39	3 <b>≈</b> 45	1°D53	29 <b>궁</b> 36	26°18	1°57	26°12	8°19	19°33	26°11	6° 4	7°45	20° 2	11°25	T 12
F 13	7 28 17	22°31'48	17°37	1°55	29° 2	26°47	2°10	26°15	8°23	19°31	26°13	6° 0	7°42	20° 9	11°23	F 13
S 14	7 32 13	23°32'56	1 <b>)</b> 4	2° 5	28°26	27°16	2°24	26°17	8°26	19°30	26°15	5°D59	7°39	20°16	11°21	S 14
S 15	7 36 10	24°34'02	14° 6	2°22	27°50	27°45	2°37	26°19	8°29	19°28	26°16	5°59	7°35	20°22	11°19	S 15
M16	7 40 6	25°35'09	26°46	2°46	27°13	28°13	2°50	26°21	8°33	19°26	26°18	6° 0	7°32	20°29	11°17	M16
T 17	7 44 3	26°36'14	9 <b>Υ</b> 7	3°16	26°36	28°42	3° 4	26°23	8°36	19°24	26°19	6° 2	7°29	20°36	11°14	T 17
W18	7 47 59	27°37'18	21°13	3°52	25°59	29°10	3°17	26°25	8°40	19°23	26°20	6° 3	7°26	20°43	11°12	W18
T 19	7 51 56	28°38'21	3 <b>8</b> 9	4°33	25°23	29°38	3°30	26°27	8°43	19°21	26°22	6°R 3	7°23	20°49	11° 9	T 19
F 20	7 55 53	29°39'24	15° 1	5°18	24°47	OM 6	3°43	26°29	8°47	19°19	26°23	6° 2	7°20	20°56	11° 6	F 20
S 21	7 59 49	0≈40'25	26°53	6° 8	24°11	0°34	3°56	26°30	8°50	19°18	26°24	5°58	7°16	21° 3	11° 4	S 21
S 22	8 3 46	1°41'25	8П49	7° 1	23°37	1° 1	4° 9	26°32	8°54	19°16	26°26	5°54	7°13	21° 9	11° 1	S 22
M23	8 7 42	2°42'25	20°54	7°58	23° 4	1°28	4°22	26°33	8°57	19°14	26°27	5°48	7°10	21°16	10°58	M23
T 24	8 11 39	3°43'23	39510	8°57	22°32	1°55	4°35	26°35	9° 0	19°13	26°28	5°42	7° 7	21°23	10°55	T 24
W25	8 15 35	4°44'20	15°40	10° 0	22° 2	2°22	4°48	26°36	9° 4	19°11	26°29	5°37	7° 4	21°30	10°51	W25
T 26	8 19 32	5°45'16	28°23	11° 5	21°34	2°49	5° 1	26°37	9° 7	19°10	26°31	5°32	7° 1	21°36	10°48	T 26
F 27	8 23 29	6°46'11	11 <b>Ω</b> 21	12°12	21° 8	3°16	5°13	26°38	9°11	19° 8	26°32	5°28	6°57	21°43	10°45	F 27
S 28	8 27 25	7°47'05	24°32	13°21	20°44	3°42	5°26	26°39	9°14	19° 6	26°33	5°26	6°54	21°50	10°41	S 28
S 29	8 31 22	8°47'58	7 m 56	14°33	20°22	4° 8	5°39	26°39	9°18	19° 5	26°34	5°D26	6°51	21°57	10°38	S 29
M30	8 35 18	9°48'51	21°31	15°46	20° 3	4°34	5°51	26°40	9°21	19° 3	26°35	5°27	6°48	22° 3	10°34	M30
T 31	8 39 15	10≈49'42	5 <b>₽</b> 16	17ਰ 1	19 <b>ප්</b> 46	4ML59	6 පි 4	26 <b>₽</b> 41	9≈25	1995 2	26M36	5 <b>¥</b> 28	6 <b>)</b> €45	22810	10 mp 31	T 31

Day	0	D	ğ	Q	♂	4	ħ	)Å(	卉	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 M 2 T 3	23 s 4 22 59 22 54	12n53	20 18 2 50	0 16 52 2 32	6 40 1 47	23 s16  0n12 23 16  0 12 23 17  0 12		18 57 0 37	21n24 0s37 21 24 0 37 21 24 0 37	6s11 13n26 6 11 13 26 6 12 13 26	9s 3 9 3 9 3	8 s27 22n 6 8 29 22 8 8 30 22 10	1n46 5 s52 1 46 5 53 1 46 5 53
W 4 T 5 F 6	22 48 22 42	5 s 4 8 2 4 1 12 6 3 4 0 17 5 3 4 2 6	20 8 3 9 20 5 3 1	9 16 30 3 3 5 16 19 3 19	7 2 1 48 7 13 1 48	23 17 0 12 23 17 0 12 23 17 0 12 23 17 0 12	7 42 2 27 7 43 2 28	18 55 0 37 18 54 0 37		6 12 13 26 6 12 13 27 6 12 13 27	9 3 9 3 9 4	8 31 22 13 8 32 22 15 8 33 22 17	1 46 5 53 1 46 5 54 1 46 5 54
S 7 S 8 M 9	22 28 22 20 22 12		20 5 3 20 20 7 3 19 20 10 3 1	9 15 50 4 5	7 45 1 49	23 17 0 12 23 17 0 11 23 17 0 11		18 52 0 37	21 25 0 37 21 25 0 37 21 26 0 37	6 12 13 27 6 12 13 27 6 12 13 28	9 5 9 7 9 10	8 35 22 19 8 36 22 21 8 37 22 23	1 46 5 55 1 46 5 55 1 47 5 55
T 10 W11		27 52 4 29 25 45 3 44	20 15 3 12 20 21 3	2 15 33 4 35 7 15 26 4 50	8 7 1 49 8 17 1 49	23 17 0 11 23 17 0 11 23 17 0 11 23 17 0 11	7 47 2 29 7 48 2 29 7 49 2 29	18 50 0 37 18 49 0 37	21 26 0 37 21 26 0 37 21 26 0 37 21 26 0 37	6 12 13 28 6 12 13 28 6 12 13 29	9 13 9 16 9 18	8 38 22 25 8 39 22 28 8 41 22 30	1 47 5 56 1 47 5 56 1 48 5 57
	21 35 21 25 21 14	11 32 0 27	20 35 2 52 20 44 2 44 20 52 2 33	4 15 6 5 31	8 48 1 50	23 16 0 11 23 16 0 11 23 16 0 11		18 47 0 37	21 27 0 37 21 27 0 37 21 27 0 37	6 12 13 29 6 12 13 29 6 12 13 29	9 19 9 20 9 20	8 42 22 32 8 43 22 34 8 44 22 36	1 48 5 57 1 49 5 57 1 49 5 58
M16 T 17 W18	21 3 20 52 20 40	0n24 1 50 6 13 2 50 11 42 3 41	· ·	6 14 51 6 8	9 8 1 51 9 18 1 51 9 28 1 51	23 16 0 11 23 16 0 11 23 15 0 11	7 51 2 30 7 51 2 31 7 52 2 31	18 44 0 37	21 27 0 37 21 28 0 37 21 28 0 37	6 13 13 30 6 12 13 30 6 12 13 30	9 19 9 19 9 18	8 45 22 38 8 46 22 40 8 48 22 42	1 50 5 58 1 50 5 58 1 51 5 58
T 19 F 20 S 21	20 28 20 15 20 2	20 59 4 51	21 28 1 56 21 37 1 43 21 45 1 33	5 14 40 6 38	9 47 1 51	23 15 0 11 23 15 0 10 23 15 0 10	7 53 2 31	18 41 0 37	21 28 0 37 21 28 0 37 21 29 0 37	6 12 13 31 6 12 13 31 6 12 13 31	9 18 9 19 9 20	8 49 22 44 8 50 22 46 8 51 22 48	1 52 5 59 1 52 5 59 1 53 5 59
S 22 M23 T 24		28 9 5 0 28 2 4 36		5 14 35 7 1 1 5 14 34 7 7 1	0 15 1 52 0 24 1 52	23 14 0 10 23 14 0 10 23 14 0 10	7 53 2 32 7 54 2 33	18 38 0 37 18 37 0 37	21 29 0 37	6 12 13 32 6 12 13 32 6 12 13 33	9 22 9 24 9 26	8 52 22 50 8 54 22 53 8 55 22 55	1 54 6 0 1 55 6 0 1 56 6 0
W25 T 26 F 27 S 28	18 52 18 36	23 36 3 9 19 27 2 8	22 11 0 5: 22 15 0 4: 22 19 0 30 22 22 0 20	5 14 34 7 16 1 6 14 34 7 19 1	0 42 1 52 0 51 1 53	23 13 0 10 23 13 0 10 23 12 0 10 23 12 0 10	7 54 2 33 7 54 2 33	18 36 0 37 18 35 0 37	21 30 0 37 21 30 0 37 21 30 0 37 21 30 0 37	6 12 13 33 6 12 13 33 6 12 13 34 6 12 13 34	9 28 9 30 9 31 9 32	8 56 22 57 8 57 22 59 8 58 23 1 8 59 23 3	1 57 6 0 1 58 6 1 1 59 6 1 2 0 6 1
S 29 M30 T 31	18 5 17 49 17 s33	8 24 0s14 2 2 1 27	22 24 0 1	7 14 37 7 24 1 8 14 39 7 25 1	1 9 1 53 1 17 1 53	23 12 0 10 23 12 0 10 23 11 0 10 23 s11 0n10	7 54 2 34 7 54 2 34	18 33 0 37 18 32 0 37	21 31 0 37 21 31 0 37 21 31 0 37 21n31 0 s37	6 12 13 34 6 12 13 35 6 11 13 n35	9 32 9 32 9 31	9 1 23 5 9 2 23 7 9s 3 23n 9	2 1 6 1 2 2 6 1 2n 3 6s 2

 $\label{eq:Julian Day Number = 2359138.5, Delta T = 15.14 sec} \\ Ecliptic obliquity = 23°28'28, Nutation = 0°00'07, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 21°12'30, Lahiri = 20°19'30Greg. Calendar$ 

FEBRUARY 1747 00:00 UT

Day	Sid.t	0	D	ğ	P	♂	24	ħ	)Å(	卉	Р	ß	Ω	Ç	ķ	Day
W 1	8 43 11	11≈50'32	19 <b>≙</b> 10	18 <b>ට</b> 17	19°R31	5 <b>M</b> 24	6 <b>ට</b> 16	26 <u>₽</u> 41	9≈28	19°R 0	26 <b>M</b> 37	5 <b>∺</b> 30	6 <b>)</b> 41	22817	10°R27	W 1
T 2	8 47 8	12°51'21	3ML12	19°35	19 <b>る</b> 19	5°49	6°29	26°41	9°32	18959	26°38	5°31	6°38	22°23	10 <b>m</b> 23	T 2
F 3	8 51 4	13°52'10	17°21	20°54	19° 9	6°14	6°41	26°42	9°35	18°57	26°39	5°R31	6°35	22°30	10°19	F 3
S 4	8 55 1	14°52'58	1 <b>,</b> ₹35	22°14	19° 2	6°39	6°53	26°42	9°39	18°56	26°40	5°30	6°32	22°37	10°15	S 4
S 5	8 58 58	15°53'44	15°50	23°36	18°58	7° 3	7° 6	26°R42	9°42	18°54	26°41	5°29	6°29	22°44	10°11	S 5
M 6	9 2 54	16°54'30	0중 5	24°59	18°D56	7°27	7°18	26°42	9°46	18°53	26°41	5°26	6°26	22°50	10° 7	M 6
T 7	9 6 5 1	17°55'15	14°16	26°23	18°56	7°51	7°30	26°41	9°49	18°51	26°42	5°24	6°22	22°57	10° 3	T 7
W 8	9 10 47	18°55'58	28°17	27°48	18°59	8°14	7°42	26°41	9°53	18°50	26°43	5°21	6°19	23° 4	9°59	W 8
T 9	9 14 44	19°56'40	12 <b>≈</b> 6	29°14	19° 4	8°37	7°54	26°41	9°56	18°48	26°44	5°20	6°16	23°10	9°55	T 9
F 10	9 18 40	20°57'21	25°39	0≈41	19°11	9° 0	8° 6	26°40	10° 0	18°47	26°44	5°19	6°13	23°17	9°50	F 10
S 11	9 22 37	21°58'00	8 <b>∺</b> 54	2° 9	19°21	9°23	8°18	26°39	10° 3	18°46	26°45	5°D18	6°10	23°24	9°46	S 11
S 12	9 26 33	22°58'38	21°50	3°38	19°32	9°45	8°29	26°39	10° 7	18°44	26°45	5°19	6° 6	23°31	9°41	S 12
M13	9 30 30	23°59'14	<b>4Υ</b> 28	5° 9	19°46	10° 7	8°41	26°38	10°10	18°43	26°46	5°20	6° 3	23°37	9°37	M13
T 14	9 34 27	24°59'48	16°50	6°40	20° 2	10°28	8°53	26°37	10°14	18°42	26°47	5°21	6° 0	23°44	9°32	T 14
W15	9 38 23	26° 0'21	28°58	8°11	20°20	10°49	9° 4	26°36	10°17	18°40	26°47	5°22	5°57	23°51	9°28	W15
T 16	9 42 20	27° 0'52	10856	9°44	20°40	11°10	9°15	26°35	10°20	18°39	26°47	5°23	5°54	23°57	9°23	T 16
F 17	9 46 16	28° 1'20	22°50	11°18	21° 2	11°31	9°27	26°34	10°24	18°38	26°48	5°R23	5°51	24° 4	9°19	F 17
S 18	9 50 13	29° 1'48	4 <b>Ⅱ</b> 42	12°53	21°26	11°51	9°38	26°32	10°27	18°37	26°48	5°23	5°47	24°11	9°14	S 18
S 19	9 54 9	0₩ 2'13	16°39	14°29	21°51	12°11	9°49	26°31	10°30	18°35	26°49	5°23	5°44	24°18	9° 9	S 19
M20	9 58 6	1° 2'36	28°45	16° 5	22°18	12°30	10° 0	26°29	10°34	18°34	26°49	5°22	5°41	24°24	9° 5	M20
T 21	10 2 2	2° 2'58	1199 3	17°43	22°47	12°49	10°11	26°28	10°37	18°33	26°49	5°22	5°38	24°31	9° 0	T 21
W22	10 5 59	3° 3'17	23°38	19°21	23°17	13° 8	10°22	26°26	10°40	18°32	26°49	5°21	5°35	24°38	8°55	W22
T 23	10 9 56	4° 3'35	6 <b>Ω</b> 31	21° 1	23°48	13°26	10°33	26°24	10°44	18°31	26°50	5°21	5°32	24°45	8°50	T 23
F 24	10 13 52	5° 3'50	19°44	22°42	24°22	13°44	10°44	26°22	10°47	18°30	26°50	5°D21	5°28	24°51	8°46	F 24
S 25	10 17 49	6° 4'04	3 <b>m</b> 15	24°23	24°56	14° 1	10°54	26°20	10°50	18°29	26°50	5°R21	5°25	24°58	8°41	S 25
S 26	10 21 45	7° 4'16	17° 5	26° 6	25°32	14°18	11° 5	26°18	10°53	18°28	26°50	5°21	5°22	25° 5	8°36	S 26
M27	10 25 42	8° 4'26	1 <b>♀</b> 9	27°50	26° 9	14°35	11°15	26°16	10°57	18°27	26°50	5°21	5°19	25°11	8°31	M27
T 28	10 29 38	9 <b>)</b> 4'34	15 <b>≏</b> 23	29≈34	26 <b>궁</b> 48	14 <b>M</b> 51	11 <b>る</b> 25	26 <b>₽</b> 13	11≈ 0	189526	26°R50	5 <b>∺</b> 21	5 <b>)</b> 16	25 <b>8</b> 18	8 <b>m</b> 26	T 28

Day	0	Ş	)	Ę	5	ζ	2	ď	a	2	+	1	ì	)į	(	J	ħ	E	2	Ŋ	Ω	Ç	Š	
	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	17s16	10 s52	3 s38	22 s22	0s 9	14 s43	7n25	11 s34	1n53	23 s10	0n 9	7 s 5 4	2n35	18 s30	0s37	21n31	0 s37	6s11	13n35	9 s 3 1	9s 4	23n11	2n 5	6s 2
T 2	16 59	16 46	4 26	22 20	0 17	14 46	7 24	11 42	1 53	23 10	0 9	7 54	2 35	18 29	0 37	21 31	0 37	6 11	13 36	9 30	9 5	23 13	2 6	6 2
F 3	16 41	21 49	4 59	22 16	0 25	14 48	7 22	11 50	1 54	23 9	0 9	7 54	2 35	18 28	0 37	21 32	0 37	6 11	13 36	9 30	9 6	23 15	2 7	6 2
S 4	16 24	25 38	5 14	22 11	0 33	14 52	7 20	11 58	1 54	23 9	0 9	7 53	2 36	18 27	0 37	21 32	0 37	6 11	13 37	9 30	9 8	23 17	2 9	6 2
S 5	16 6	27 51	5 10	22 5	0 41	14 55	7 17	12 6	1 54	23 8	0 9	7 53	2 36	18 26	0 37	21 32	0 37	6 10	13 37	9 31	9 9	23 19	2 10	6 2
M 6	15 47	28 15	4 46	21 57	0 48	14 58	7 14	12 13	1 54	23 7	0 9	7 53	2 36	18 25	0 37	21 32	0 37	6 10	13 37	9 32	9 10	23 21	2 11	6 2
T 7	15 29	26 47	4 5	21 49	0 55	15 2	7 10	12 21	1 54	23 7	0 9	7 53	2 36	18 24	0 37	21 33	0 37	6 10	13 38	9 33	9 11	23 22	2 13	6 2
W 8	15 10	23 38	3 10	21 39	1 2	15 5	7 6	12 28	1 54	23 6	0 9	7 52	2 37	18 24	0 37	21 33	0 37	6 10	13 38	9 34	9 12	23 24	2 14	6 2
T 9	14 51	19 11	2 5	21 27	1 8	15 9	7 2	12 36	1 54	23 6	0 9	7 52	2 37	18 23	0 37	21 33	0 36	6 10	13 39	9 34	9 14	23 26	2 16	6 2
F 10	14 32	13 49	0 53	21 15	1 15	15 13	6 57	12 43	1 54	23 5	0 9	7 51	2 37	18 22	0 37	21 33	0 36	6 9	13 39	9 35	9 15	23 28	2 18	6 2
S 11	14 12	7 56	0n20	21 1	1 20	15 17	6 52	12 50	1 54	23 4	0 9	7 51	2 37	18 21	0 37	21 33	0 36	6 9	13 39	9 35	9 16	23 30	2 19	6 3
S 12	13 53	1 52	1 30	20 46	1 26	15 20	6 46	12 57	1 54	23 4	0 9	7 50	2 38	18 20	0 37	21 34	0 36	6 9	13 40	9 35	9 17	23 32	2 21	6 3
M13	13 33	4n 9	2 34	20 29	1 31	15 24	6 41	13 4	1 54	23 3	0 8	7 50	2 38	18 19	0 37	21 34	0 36	6 9	13 40	9 34	9 18	23 34	2 22	6 3
T 14	13 13	9 51	3 30	20 11	1 36	15 28	6 35	13 10	1 55	23 2	0 8	7 49	2 38	18 18	0 37	21 34	0 36	6 8	13 40	9 34	9 19	23 36	2 24	6 2
W15	12 52	15 6	4 15	19 52	1 41	15 31	6 29	13 17	1 55	23 2	0 8	7 49	2 38	18 17	0 37	21 34	0 36	6 8	13 41	9 33	9 21	23 38	2 26	6 2
T 16	12 32	19 42	4 49	19 32	1 45	15 35	6 22	13 23	1 55	23 1	0 8	7 48	2 39	18 16	0 37	21 34	0 36	6 8	13 41	9 33	9 22	23 40	2 28	6 2
F 17	12 11	23 29	5 9	19 10	1 49	15 38	6 16	13 30	1 55	23 0	0 8	7 47	2 39	18 15	0 37	21 35	0 36	6 7	13 42	9 33	9 23	23 42	2 29	6 2
S 18	11 50	26 18	5 17	18 46	1 53	15 41	6 9	13 36	1 55	22 59	0 8	7 47	2 39	18 14	0 37	21 35	0 36	6 7	13 42	9 33	9 24	23 44	2 31	6 2
S 19	11 29	27 57	5 11	18 22	1 56	15 44	6 2	13 42	1 55	22 59	0 8	7 46	2 39	18 13	0 37	21 35	0 36	6 7	13 42	9 33	9 25	23 45	2 33	6 2
M20	11 7	28 19	4 51	17 56	1 59	15 47	5 55	13 48	1 54	22 58	0 8	7 45	2 40	18 13	0 37	21 35	0 36	6 6	13 43	9 33	9 26	23 47	2 35	6 2
T 21	10 46	27 17	4 18	17 28	2 2	15 50	5 48	13 53	1 54	22 57	0 8	7 44	2 40	18 12	0 37	21 35	0 36	6 6	13 43	9 34	9 28	23 49	2 37	6 2
W22	10 24	24 52	3 31	17 0	2 4	15 52	5 41	13 59	1 54	22 56	0 8	7 43	2 40	18 11	0 37	21 36	0 36	6 6	13 44	9 34	9 29	23 51	2 39	6 2
T 23	10 2	21 9	2 33	16 30	2 6	15 54	5 33	14 5	1 54	22 56	0 8	7 43	2 40	18 10	0 37	21 36	0 36	6 5	13 44	9 34	9 30	23 53	2 41	6 2
F 24	9 40	16 17	1 26	15 58	2 7	15 56	5 26	14 10	1 54	22 55	0 ′	7 42	2 41	18 9	0 37	21 36	0 36	6 5	13 44	9 34	9 31	23 55	2 43	6 1
S 25	9 18	10 30	0 12	15 25	2 8	15 57	5 18	14 15	1 54	22 54	0 ′	7 41	2 41	18 8	0 37	21 36	0 36	6 5	13 45	9 34	9 32	23 56	2 44	6 1
S 26	8 56	4 7	1 s 5	14 51	2 8	15 58	5 11	14 20	1 54	22 53	0 ′	7 40	2 41	18 7	0 37	21 36	0 36	6 4	13 45	9 34	9 33	23 58	2 46	6 1
M27	8 33	2 s34	2 18	14 15	2 9	15 59	5 3	14 25	1 54	22 53	0 ′	7 39	2 41	18 6	0 37	21 36	0 36	6 4	13 46	9 34	9 35	24 0	2 48	6 1
T 28	8 s 1 1	9s12	3 s24	13 s38	2 s 8	16s 0	4n55	14 s30	1n54	22 s52	0n ′	7 s38	2n42	18s 6	0s37	21n37	0 s36	6s 4	13n46	9 s34	9 s36	24n 2	2n50	6s 1

Julian Day Number = 2359169.5, Delta T = 15.17 sec Ecliptic obliquity = 23°28'28, Nutation = 0°00'08, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 21°12'34, Lahiri = 20°19'34Greg. Calendar

MARCH 1747 00:00 UT

		_	_		_							1		_		1_
Day	Sid.t	0	D	ğ	φ	♂	4	ħ	)‡(	并	В	r	Ω	Ç	ę,	Day
W 1	10 33 35	10 <b>)</b> 4'41	29 <b>≏</b> 43	1 <b>)</b> 20	27 <b>云</b> 27	15 <b>M</b> 7	11 <b>る</b> 35	26°R11	11≈ 3	18°R25	26°R50	5°R20	5 <b>)</b> 12	25 <b>8</b> 25	8°R22	W 1
T 2	10 37 31	11° 4'47	14 <b>M</b> 5	3° 7	28° 8	15°22	11°46	26 <u>₽</u> 8	11° 6	189524	26M50	5 <b>∺</b> 20	5° 9	25°32	8 <b>m</b> ) 17	T 2
F 3	10 41 28	12° 4'50	28°24	4°55	28°50	15°37	11°56	26° 6	11° 9	18°23	26°50	5°19	5° 6	25°38	8°12	F 3
S 4	10 45 24	13° 4'53	12 <b>×</b> 37	6°44	29°33	15°51	12° 5	26° 3	11°12	18°22	26°50	5°D19	5° 3	25°45	8° 7	S 4
S 5	10 49 21	14° 4'53	26°43	8°34	0≈17	16° 5	12°15	26° 0	11°15	18°21	26°50	5°19	5° 0	25°52	8° 2	S 5
M 6	10 53 18	15° 4'52	10 <b>る</b> 39	10°25	1° 2	16°18	12°25	25°58	11°19	18°21	26°50	5°20	4°57	25°58	7°58	M 6
T 7	10 57 14	16° 4'50	24°24	12°18	1°47	16°30	12°34	25°55	11°22	18°20	26°49	5°21	4°53	26° 5	7°53	T 7
W 8	11 111	17° 4'46	7≈57	14°11	2°34	16°43	12°44	25°52	11°25	18°19	26°49	5°22	4°50	26°12	7°48	W 8
T 9	11 5 7	18° 4'39	21°18	16° 6	3°22	16°54	12°53	25°49	11°28	18°18	26°49	5°22	4°47	26°19	7°43	T 9
F 10	11 9 4	19° 4'31	4 <b>)</b> €26	18° 1	4°10	17° 5	13° 2	25°46	11°31	18°18	26°48	5°R23	4°44	26°25	7°39	F 10
S 11	11 13 0	20° 4'21	17°20	19°58	4°59	17°16	13°11	25°42	11°33	18°17	26°48	5°22	4°41	26°32	7°34	S 11
S 12	11 16 57	21° 4'09	0 <b>Υ</b> 2	21°55	5°49	17°26	13°20	25°39	11°36	18°16	26°48	5°21	4°38	26°39	7°29	S 12
M13	11 20 53	22° 3'55	12°30	23°53	6°40	17°35	13°29	25°36	11°39	18°16	26°47	5°19	4°34	26°46	7°25	M13
T 14	11 24 50	23° 3'39	24°46	25°52	7°31	17°44	13°38	25°32	11°42	18°15	26°47	5°17	4°31	26°52	7°20	T 14
W15	11 28 47	24° 3'21	6 <b>8</b> 52	27°52	8°23	17°52	13°46	25°29	11°45	18°15	26°46	5°14	4°28	26°59	7°16	W15
T 16	11 32 43	25° 3'01	18°50	29°52	9°16	17°59	13°55	25°25	11°48	18°14	26°46	5°11	4°25	27° 6	7°11	T 16
F 17	11 36 40	26° 2'38	0 <b>Ⅱ</b> 43	1 <b>Υ</b> 52	10° 9	18° 6	14° 3	25°21	11°50	18°14	26°45	5° 8	4°22	27°12	7° 7	F 17
S 18	11 40 36	27° 2'14	12°36	3°53	11° 3	18°13	14°11	25°18	11°53	18°14	26°45	5° 6	4°18	27°19	7° 3	S 18
S 19	11 44 33	28° 1'47	24°31	5°53	11°57	18°18	14°19	25°14	11°56	18°13	26°44	5°D 5	4°15	27°26	6°58	S 19
M20	11 48 29	29° 1'17	6 <b>9</b> 35	7°53	12°52	18°23	14°27	25°10	11°58	18°13	26°43	5° 6	4°12	27°33	6°54	M20
T 21	11 52 26	0 <b>Υ</b> 0'46	18°51	9°52	13°48	18°27	14°35	25° 6	12° 1	18°13	26°43	5° 7	4° 9	27°39	6°50	T 21
W22	11 56 22	1° 0'12	1 <b>Ω</b> 25	11°50	14°44	18°31	14°43	25° 2	12° 4	18°12	26°42	5° 8	4° 6	27°46	6°46	W22
T 23	12 0 19	1°59'35	14°19	13°47	15°40	18°34	14°50	24°58	12° 6	18°12	26°41	5°10	4° 3	27°53	6°42	T 23
F 24	12 4 16	2°58'57	27°38	15°42	16°37	18°36	14°58	24°54	12° 9	18°12	26°41	5°11	3°59	27°59	6°38	F 24
S 25	12 8 12	3°58'16	11 <b>m</b> ) 21	17°35	17°35	18°37	15° 5	24°50	12°11	18°12	26°40	5°R11	3°56	28° 6	6°34	S 25
S 26	12 12 9	4°57'33	25°28	19°25	18°33	18°38	15°12	24°46	12°14	18°11	26°39	5°10	3°53	28°13	6°30	S 26
M27	12 16 5	5°56'47	9 <b>≏</b> 56	21°12	19°31	18°R38	15°19	24°42	12°16	18°11	26°38	5° 7	3°50	28°20	6°26	M27
T 28	12 20 2	6°56'00	24°38	22°55	20°30	18°38	15°26	24°37	12°18	18°11	26°37	5° 3	3°47	28°26	6°22	T 28
W29	12 23 58	7°55'11	9 <b>m</b> 27	24°35	21°29	18°36	15°32	24°33	12°21	18°11	26°36	4°58	3°43	28°33	6°18	W29
T 30	12 27 55	8°54'20	24°15	26°11	22°29	18°34	15°39	24°29	12°23	18°D11	26°35	4°53	3°40	28°40	6°15	T 30
F 31	12 31 51	9 <b>Ƴ</b> 53'27	8 <b>₹</b> 55	27 <b>Ƴ</b> 42	23≈28	18 <b>M</b> .31	15 <b>る</b> 45	24 <b>≏</b> 25	12≈25	189911	26M34	4 <b>) (</b> 49	3 <b>∺</b> 37	28 <b>8</b> 47	6 <b>M</b> p11	F 31

Day	0	D	ğ	φ	ď	4	ħ	)Å(	卉	Р	n	v t	ę
	decl	decl lat	decl la	at decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl	decl decl	decl lat
W 1 T 2				2s 8 16s 0 4n48 2 6 15 59 4 40		22 s51 On 7 22 50 O 7	7 s37 2n42 7 35 2 42		21n37 0s36 21 37 0 36	6s 3 13n46 6 3 13 47		9 s37 24n 4 9 38 24 6	2n52 6s 0 2 54 6 0
F 3 S 4	7 2 6 39					22 49 0 7 22 49 0 7	7 34 2 42 7 33 2 42		21 37 0 36 21 37 0 36	6 2 13 47 6 2 13 48	9 34 9 9 35 9	9 39 24 7 9 40 24 9	2 56 6 0 2 58 6 0
S 5 M 6	5 53	27 21 4 19	9 28	1 57 15 54 4 9	14 56 1 52	22 48 0 7 22 47 0 7	7 32 2 43 7 31 2 43	18 1 0 37		6 1 13 48	9 34 9	9 42 24 11 9 43 24 13	3 1 5 59 3 3 5 59
T 7 W 8 T 9	5 7	24 41 3 28 20 39 2 26 15 38 1 17	7 54	1 53 15 52 4 2 1 49 15 49 3 54 1 44 15 46 3 46	15 4 1 52	22 46 0 7 22 45 0 6 22 45 0 6		17 59 0 37	21 38 0 36 21 38 0 36 21 38 0 36		9 34 9	9 44 24 14 9 45 24 16 9 46 24 18	3 5 5 59 3 7 5 58 3 9 5 58
F 10 S 11	4 20 3 56	9 59 0 5 4 0 1n 6		1 39 15 42 3 39 1 33 15 38 3 31		22 44 0 6 22 43 0 6			21 38 0 36 21 38 0 36			24 20 24 21	3 11 5 57 3 13 5 57
S 12 M13 T 14	3 33 3 9 2 45	2n 2 2 12 7 52 3 11 13 19 4 0	3 39	1 20 15 28 3 16	15 21 1 50	22 42 0 6 22 41 0 6 22 41 0 6	7 22 2 44	17 55 0 37	21 38 0 36 21 38 0 36 21 38 0 36	5 58 13 51	9 34 9	0 50 24 23 0 51 24 25 0 52 24 27	3 15 5 57 3 17 5 56 3 19 5 56
W15 T 16	2 22 1 58	18 11 4 37 22 17 5 2	1 50	1 4 15 16 3 1 0 55 15 10 2 54	15 26 1 49 15 29 1 49	22 40 0 6 22 39 0 6	7 19 2 44 7 17 2 45	17 53 0 38 17 53 0 38	21 38 0 36 21 39 0 36	5 57 13 52 5 57 13 52	9 36 9 9 38 9	0 53 24 28 0 54 24 30	3 21 5 55 3 23 5 55
F 17 S 18		27 30 5 12	0 59	0 37 14 55 2 39	15 33 1 48	22 38 0 6 22 38 0 6	7 14 2 45	17 51 0 38	21 39 0 36 21 39 0 35	5 56 13 52 5 56 13 53	9 39 9	0 56 24 32 0 57 24 33	3 25 5 54 3 27 5 54
S 19 M20 T 21	0 23	28 18 4 57 27 47 4 28 25 54 3 47	2 53	0 16 14 39 2 25	15 37 1 46	22 37 0 5 22 36 0 5 22 35 0 5	7 11 2 45	17 50 0 38	21 39 0 35 21 39 0 35 21 39 0 35	5 55 13 53 5 55 13 53 5 55 13 54		0 58 24 35 0 59 24 37 0 0 24 38	3 29 5 53 3 31 5 53 3 33 5 52
W22 T 23	0 24	22 43 2 55 18 21 1 52	4 47	0n 6 14 21 2 11	15 41 1 45	22 35 0 5 22 34 0 5	7 8 2 45	17 48 0 38	21 39 0 35 21 39 0 35	5 54 13 54 5 54 13 54	9 38 10 9 38 10	1 24 40	3 35 5 52 3 37 5 51
F 24 S 25	1 11 1 35	12 58 0 41 6 48 0 s34			-	22 33 0 5 22 32 0 5			21 39 0 35 21 39 0 35	5 53 13 55 5 53 13 55	9 37 10 9 37 10	_	3 39 5 51 3 41 5 50
S 26 M27 T 28	1 58 2 22 2 45	0 8 1 49 6s40 2 59 13 14 3 58	9 18	0 54 13 39 1 44 1 6 13 27 1 37 1 18 13 15 1 31	15 47 1 41	22 32 0 5 22 31 0 5 22 30 0 5	7 0 2 46	17 45 0 38	21 39 0 35 21 39 0 35 21 39 0 35	5 52 13 55 5 52 13 56 5 51 13 56	9 38 10 9 39 10 9 40 10	7 24 48	3 43 5 50 3 45 5 49 3 47 5 48
W29 T 30	-	19 6 4 4	10 55	1 18 13 13 1 31 1 29 13 2 1 24 1 41 12 49 1 18	15 48 1 39	22 30 0 3 22 30 0 4 22 29 0 4		17 44 0 38	21 39 0 35 21 39 0 35 21 39 0 35	5 51 13 56 5 50 13 57	9 42 10	-	3 49 5 48 3 51 5 47
F 31	3n55	26 s 56 5 s 10	12n24	1n52 12s36 1n11	15 s49 1n37	22 s28 0n 4	6s54 2n46	17 s42 0 s38	21n39 0s35	5 s 50 13 n 5 7	9 s45 10	s12 24n55	3n53 5 s47

Julian Day Number = 2359197.5, Delta T = 15.19 sec Ecliptic obliquity = 23°28'29, Nutation =  $0^{\circ}00'08$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $21^{\circ}12'38$ , Lahiri =  $20^{\circ}19'38$ Greg. Calendar

APRIL 1747 00:00 UT

VI 1/2	L 1/7/														00.0	0.
Day	Sid.t	0	D	ğ	Ş	ď	4	ħ	)∤(	并	В	n	Ω	Ç	ķ	Day
S 1	12 35 48	10 <b>Y</b> 52'33	23 <b>×</b> <sup>7</sup> 21	29 <b>Y</b> 8	24≈29	18°R27	15 <b>පි</b> 51	24°R20	12≈28	189911	26°R33	4°R46	3 <b>∺</b> 34	28 <b>8</b> 53	6°R 8	S 1
S 2	12 39 45	11°51'37	7 <b>云</b> 30	0 <b>8</b> 29	25°29	18 <b>M</b> 23	15°57	24 <u>₽</u> 16	12°30	18°11	26M32	4°D45	3°31	29° 0	6Mp 5	S 2
M 3	12 43 41	12°50'39	21°20	1°45	26°30	18°18	16° 3	24°11	12°32	18°11	26°31	4 <b>) (</b> 45	3°28	29° 7	6° 1	M 3
T 4	12 47 38	13°49'39	4≈51	2°55	27°32	18°12	16° 9	24° 7	12°34	18°12	26°30	4°46	3°24	29°13	5°58	T 4
W 5	12 51 34	14°48'37	18° 6	4° 0	28°33	18° 5	16°14	24° 2	12°36	18°12	26°29	4°48	3°21	29°20	5°55	W 5
T 6	12 55 31	15°47'34	1 <b>)</b> 5	4°58	29°35	17°57	16°20	23°58	12°38	18°12	26°28	4°R49	3°18	29°27	5°52	T 6
F 7	12 59 27	16°46'29	13°51	5°50	0 <b>∺</b> 37	17°49	16°25	23°53	12°40	18°12	26°27	4°48	3°15	29°34	5°49	F 7
S 8	13 3 24	17°45'22	26°26	6°36	1°40	17°40	16°30	23°49	12°42	18°13	26°26	4°46	3°12	29°40	5°46	S 8
S 9	13 7 20	18°44'13	8 <b>Ƴ</b> 50	7°16	2°42	17°30	16°35	23°44	12°44	18°13	26°25	4°42	3° 9	29°47	5°44	S 9
M10	13 11 17	19°43'02	21° 5	7°49	3°45	17°19	16°40	23°40	12°46	18°13	26°23	4°35	3° 5	29°54	5°41	M10
T 11	13 15 14	20°41'49	3 <b>8</b> 12	8°16	4°49	17° 8	16°44	23°35	12°48	18°14	26°22	4°27	3° 2	0 <b>II</b> 0	5°38	T 11
W12	13 19 10	21°40'34	15°13	8°36	5°52	16°56	16°49	23°30	12°49	18°14	26°21	4°18	2°59	0° 7	5°36	W12
T 13	13 23 7	22°39'17	27° 8	8°50	6°56	16°43	16°53	23°26	12°51	18°15	26°19	4° 9	2°56	0°14	5°34	T 13
F 14	13 27 3	23°37'58	9 <b>I</b> 0	8°58	8° 0	16°29	16°57	23°21	12°53	18°15	26°18	4° 1	2°53	0°21	5°31	F 14
S 15	13 31 0	24°36'36	20°51	9°R 0	9° 4	16°15	17° 1	23°17	12°54	18°16	26°17	3°54	2°49	0°27	5°29	S 15
S 16	13 34 56	25°35'13	29546	8°55	10° 8	16° 0	17° 4	23°12	12°56	18°16	26°16	3°49	2°46	0°34	5°27	S 16
M17	13 38 53	26°33'47	14°47	8°46	11°13	15°45	17° 8	23° 7	12°58	18°17	26°14	3°46	2°43	0°41	5°25	M17
T 18	13 42 49	27°32'20	27° 0	8°30	12°18	15°28	17°11	23° 3	12°59	18°17	26°13	3°D45	2°40	0°48	5°24	T 18
W19	13 46 46	28°30'50	$9\Omega 29$	8°10	13°23	15°12	17°14	22°58	13° 0	18°18	26°11	3°46	2°37	0°54	5°22	W19
T 20	13 50 43	29°29'18	22°20	7°45	14°28	14°54	17°17	22°54	13° 2	18°19	26°10	3°47	2°34	1° 1	5°20	T 20
F 21	13 54 39	0 <b>8</b> 27'43	5 <b>m</b> /36	7°16	15°33	14°36	17°20	22°49	13° 3	18°19	26° 9	3°R47	2°30	1° 8	5°19	F 21
S 22	13 58 36	1°26'07	19°19	6°44	16°38	14°18	17°23	22°45	13° 5	18°20	26° 7	3°46	2°27	1°14	5°17	S 22
S 23	14 2 32	2°24'28	3 <b>₾</b> 32	6° 8	17°44	13°59	17°25	22°40	13° 6	18°21	26° 6	3°43	2°24	1°21	5°16	S 23
M24	14 6 29	3°22'47	18°10	5°31	18°50	13°39	17°27	22°36	13° 7	18°22	26° 4	3°37	2°21	1°28	5°15	M24
T 25	14 10 25	4°21'05	3M 9	4°52	19°56	13°20	17°29	22°31	13° 8	18°23	26° 3	3°30	2°18	1°35	5°14	T 25
W26	14 14 22	5°19'21	18°19	4°13	21° 2	12°59	17°31	22°27	13° 9	18°23	26° 1	3°21	2°15	1°41	5°13	W26
T 27	14 18 18	6°17'35	3 <b>₹</b> 30	3°33	22° 8	12°39	17°33	22°22	13°10	18°24	26° 0	3°11	2°11	1°48	5°12	T 27
F 28	14 22 15	7°15'47	18°32	2°54	23°15	12°18	17°34	22°18	13°11	18°25	25°58	3° 3	2° 8	1°55	5°11	F 28
S 29	14 26 12	8°13'59	3 <b>ප</b> 16	2°17	24°22	11°57	17°36	22°14	13°12	18°26	25°56	2°57	2° 5	2° 2	5°11	S 29
S 30	14 30 8	9812'08	17 <b>云</b> 37	1842	25 <b>∺</b> 28	11 <b>M</b> .35	17 <b>궁</b> 37	22 <b>º</b> 9	13≈13	18927	25 <b>M</b> 55	2 <b>∺</b> 53	2 <b>∺</b> 2	2Ⅲ 8	5 <b>m</b> 10	S 30

Day	0	D	ζ	5	φ	С	7	2	ł	ħ	<u> </u>	)	ł(	¥		Р		Ŋ	ນ	Ç	ď	5
	decl	decl lat	decl	lat de	cl lat	decl	lat	decl	lat	decl	lat	decl	lat	decl l	at	decl la	t	decl	decl	decl	decl	lat
S 1	4n19	28 s13 4 s	s55 13n 5	2n 2 12s	22 1n 5	15 s49	1n36	22 s28	0n 4	6s52	2n47	17 s42	0 s 3 8	21n39	0 s35	5 s49 1	3n57	9 s47	10 s13	24n56	3n55	5 s46
S 2	4 42	27 37 4	22 13 43	2 12 12	7 0 59	15 49	1 35	22 27	0 4	6 50	2 47	17 41	0 38	21 39	0 35	5 49 1	3 57	9 47	10 14	24 58	3 57	5 45
M 3	5 5	25 18 3	34 14 19	2 21 11	52 0 53	15 48	1 33	22 27	0 4	6 49	2 47	17 41	0 38	21 39	0 35	5 48 1	3 58	9 47	10 15	25 0	3 58	5 45
T 4	5 28	21 36 2	36 14 51	2 30 11	37 0 47	15 48	1 32	22 26	0 4	6 47	2 47	17 40	0 38	21 40	0 35	5 48 1	3 58	9 46	10 16	25 1	4 0	5 44
W 5	5 51		30 15 21	2 38 11				22 25	0 4	6 45	2 47			-	0 35	5 47 1			10 17		4 2	5 43
T 6	6 13	-	20 15 47	2 45 11	5 0 35	-		22 25	0 4	6 43	2 47			-	0 35	5 47 1			10 19	_	4 4	5 42
F 7	6 36		n49 16 10	-		15 45		22 24	0 4	6 42		17 39		-	0 35	5 46 1			10 20		4 5	5 42
S 8	6 59	0n19 1	54 16 30	2 56 10	32 0 24	15 44	1 27	22 24	0 3	6 40	2 47	17 38	0 38	21 40	0 35	5 46 1	3 59	9 47	10 21	25 7	4 7	5 41
S 9	7 21	6 10 2	53 16 47	3 0 10	14 0 18	15 43	1 25	22 23	0 3	6 38	2 47	17 38	0 38	21 39	0 35	5 45 1	3 59	9 48	10 22	25 9	4 9	5 40
M10	7 43	11 41 3	43 17 0	3 2 9	57 0 13	15 42	1 24	22 23	0 3	6 37	2 47	17 37	0 38	21 39	0 35	5 45 1	3 59	9 50	10 23	25 10	4 10	5 40
T 11	8 6	16 43 4	23 17 11	3 4 9	38 0 8	15 40	1 22	22 22	0 3	6 35	2 47	17 37	0 38	21 39	0 35	5 44 1	4 0	9 53	10 24	25 12	4 12	5 39
W12	8 28		50 17 17	3 4 9	20 0 3	15 38	1 20	22 22	0 3	6 33	2 47	17 36	0 38	21 39	0 35	5 44 1	4 0		10 25		4 14	5 38
T 13	8 50	24 29 5	4 17 21	3 3 9	1 0s 3	15 36		22 22	0 3	6 32	2 47	17 36	0 38	21 39	0 35	5 43 1	4 0	10 0	10 27	25 15	4 15	5 37
F 14	9 11		-	3 0 8				22 21	0 3	6 30		17 35		21 39	0 35	5 43 1	-			25 16	4 17	5 37
S 15	9 33	28 2 4	53 17 18	2 57 8	23 0 13	15 32	1 15	22 21	0 3	6 28	2 47	17 35	0 38	21 39	0 35	5 42 1	4 0	10 6	10 29	25 18	4 18	5 36
S 16	9 54	27 55 4	29 17 12	2 51 8	3 0 17	15 29	1 13	22 20	0 3	6 26	2 47	17 34	0 39	21 39	0 35	5 42 1	4 1	10 7	10 30	25 19	4 20	5 35
M17	10 16	26 30 3	52 17 2	2 45 7	43 0 22	15 27	1 11	22 20	0 2	6 25	2 47	17 34	0 39	21 39	0 35	5 42 1	4 1	10 8	10 31	25 21	4 21	5 34
T 18	10 37	23 48 3	4 16 50	2 37 7	22 0 27	15 24	1 9	22 20	0 2	6 23	2 47	17 34	0 39	21 39	0 35	5 41 1	4 1	10 9	10 32	25 22	4 22	5 34
W19	10 58	19 56 2	6 16 34	2 27 7	1 0 31	15 21	1 7	22 19	0 2	6 21	2 47	17 33	0 39	21 39	0 35	5 41 1	4 1	10 9	10 34	25 24	4 24	5 33
T 20	11 18		1 16 16	-				22 19	0 2	6 20		17 33		21 39	0 34	5 40 1					4 25	5 32
F 21	11 39		s10 15 55	2 4 6					0 2	6 18		17 32		21 39	0 34	5 40 1					4 26	5 31
S 22	11 59	2 58 1	22 15 32	1 51 5	57 0 44	15 11	1 0	22 19	0 2	6 17	2 47	17 32	0 39	21 39	0 34	5 39 1	4 2	10 8	10 37	25 28	4 28	5 30
S 23	12 20	3 s44 2	32 15 7	1 37 5	35 0 48	15 8	0 58	22 19	0 2	6 15	2 47	17 32	0 39	21 39	0 34	5 39 1	4 2	10 10	10 38	25 30	4 29	5 30
M24	12 40	10 26 3	34 14 40	1 22 5	13 0 52	15 4	0 56	22 18	0 2	6 13	2 47	17 31	0 39	21 39	0 34	5 38 1	4 2	10 12	10 39	25 31	4 30	5 29
T 25	12 59	16 41 4	22 14 12	1 6 4	51 0 56	15 1	0 54	22 18	0 2	6 12	2 47	17 31	0 39	21 39	0 34	5 38 1	4 2	10 14	10 40	25 32	4 31	5 28
W26	13 19		53 13 43	0 50 4	28 1 0	14 57		22 18	0 1	6 10	2 47	17 31		21 39	0 34	5 37 1		10 18			4 32	5 27
T 27	13 38			0 33 4	5 1 3			22 18	0 1	6 9		17 31		21 38	0 34	5 37 1		10 21			4 33	5 26
F 28			52 12 45	0 16 3		,		22 18	0 1	6 7		17 30		21 38	0 34	5 37 1		10 24			4 34	5 25
S 29	14 16	27 48 4	22 12 15	0s 2 3	19 1 10	14 45	0 44	22 18	0 1	6 6	2 46	17 30	0 39	21 38	0 34	5 36 1	4 2	10 26	10 45	25 38	4 35	5 25
S 30	14n35	25 s53 3 s	s36 11n47	0s19 2s	56 1s14	14 s41	0n41	22 s18	0n 1	6s 4	2n46	17 s30	0s39	21n38	0 s34	5 s 3 6 1	4n 2	10 s28	10 s46	25n39	4n36	5 s24

Julian Day Number = 2359228.5, Delta T = 15.21 sec Ecliptic obliquity = 23°28'28, Nutation =  $0^{\circ}00'07$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $21^{\circ}12'42$ , Lahiri =  $20^{\circ}19'42$ Greg. Calendar

MAY 1747 00:00 UT

Day	Sid.t	0	D	ğ	Q	♂	4	ħ	)/(	¥	Р	v	Ω	Ç	ę,	Day
M 1	14 34 5	10810'16	1≈32	1°R 9	26 <b>)</b> 35	11°R13	17 <b>궁</b> 38	22°R 5	13≈14	189528	25°R53	2°R51	1 <b>米</b> 59	2 <b>Ⅱ</b> 15	5°R10	M 1
T 2	14 38 1	11° 8'23	15° 2	0 <b>8</b> 39	27°42	10 <b>M</b> .52	17°39	22 <u>₽</u> 1	13°15	18°29	25 <b>M</b> 52	2°D50	1°55	2°22	5 <b>m</b> 10	T 2
W 3	14 41 58	12° 6'28	28° 9	0°13	28°50	10°30	17°39	21°57	13°16	18°30	25°50	2°R51	1°52	2°28	5°10	W 3
T 4	14 45 54	13° 4'32	10 <b>∺</b> 57	29 <b>Y</b> 50	29°57	10° 8	17°40	21°52	13°17	18°32	25°49	2 <b>米</b> 51	1°49	2°35	5°D10	T 4
F 5	14 49 51	14° 2'34	23°30	29°32	1 <b>Υ</b> 4	9°46	17°40	21°48	13°17	18°33	25°47	2°49	1°46	2°42	5°10	F 5
S 6	14 53 47	15° 0'35	5 <b>Ƴ</b> 50	29°18	2°12	9°24	17°R40	21°44	13°18	18°34	25°45	2°45	1°43	2°49	5°10	S 6
S 7	14 57 44	15°58'35	18° 1	29° 9	3°20	9° 2	17°40	21°40	13°19	18°35	25°44	2°38	1°40	2°55	5°10	S 7
M 8	15 141	16°56'33	0 <b>8</b> 5	29° 4	4°27	8°40	17°39	21°36	13°19	18°36	25°42	2°28	1°36	3° 2	5°11	M 8
T 9	15 5 37	17°54'29	12° 4	29°D 4	5°35	8°18	17°39	21°33	13°20	18°38	25°40	2°16	1°33	3° 9	5°11	T 9
W10	15 9 34	18°52'24	23°58	29° 8	6°43	7°57	17°38	21°29	13°20	18°39	25°39	2° 2	1°30	3°15	5°12	W10
T 11	15 13 30	19°50'18	5 <b>Ⅱ</b> 51	29°17	7°51	7°35	17°37	21°25	13°20	18°40	25°37	1°49	1°27	3°22	5°12	T 11
F 12	15 17 27	20°48'10	17°43	29°31	8°59	7°15	17°36	21°21	13°21	18°42	25°36	1°36	1°24	3°29	5°13	F 12
S 13	15 21 23	21°46'01	29°35	29°49	10° 8	6°54	17°34	21°18	13°21	18°43	25°34	1°25	1°21	3°36	5°14	S 13
S 14	15 25 20	22°43'50	119931	0811	11°16	6°34	17°33	21°14	13°21	18°44	25°32	1°16	1°17	3°42	5°15	S 14
M15	15 29 16	23°41'37	23°33	0°38	12°25	6°14	17°31	21°10	13°21	18°46	25°31	1°11	1°14	3°49	5°17	M15
T 16	15 33 13	24°39'23	5 <b>Ω</b> 45	1° 9	13°33	5°55	17°29	21° 7	13°22	18°47	25°29	1° 8	1°11	3°56	5°18	T 16
W17	15 37 10	25°37'07	18°12	1°44	14°42	5°36	17°27	21° 4	13°22	18°49	25°27	1° 7	1°8	4° 3	5°20	W17
T 18	15 41 6	26°34'49	0 <b>₯</b> 58	2°23	15°50	5°18	17°25	21° 0	13°R22	18°50	25°26	1° 7	1° 5	4° 9	5°21	T 18
F 19	15 45 3	27°32'30	14° 8	3° 5	16°59	5° 0	17°23	20°57	13°22	18°52	25°24	1° 6	1° 1	4°16	5°23	F 19
S 20	15 48 59	28°30'09	27°46	3°52	18° 8	4°43	17°20	20°54	13°22	18°53	25°22	1° 5	0°58	4°23	5°25	S 20
S 21	15 52 56	29°27'46	11 <b>≏</b> 53	4°41	19°17	4°27	17°17	20°51	13°22	18°55	25°21	1° 1	0°55	4°29	5°26	S 21
M22	15 56 52	0Ⅲ25'22	26°28	5°35	20°26	4°11	17°14	20°48	13°21	18°56	25°19	0°54	0°52	4°36	5°28	M22
T 23	16 0 49	1°22'57	11 <b>M</b> 27	6°32	21°35	3°56	17°11	20°45	13°21	18°58	25°17	0°45	0°49	4°43	5°31	T 23
W24	16 4 45	2°20'30	26°43	7°31	22°44	3°42	17° 8	20°42	13°21	19° 0	25°16	0°35	0°46	4°50	5°33	W24
T 25	16 8 42	3°18'03	12 <b>×</b> 4	8°35	23°54	3°28	17° 4	20°39	13°21	19° 1	25°14	0°24	0°42	4°56	5°35	T 25
F 26	16 12 39	4°15'34	27°18	9°41	25° 3	3°15	17° 1	20°37	13°20	19° 3	25°12	0°14	0°39	5° 3	5°38	F 26
S 27	16 16 35	5°13'04	12 <b>る</b> 16	10°50	26°13	3° 3	16°57	20°34	13°20	19° 5	25°11	0° 6	0°36	5°10	5°40	S 27
S 28	16 20 32	6°10'34	26°49	12° 3	27°22	2°51	16°53	20°31	13°20	19° 6	25° 9	0° 1	0°33	5°17	5°43	S 28
M29	16 24 28	7° 8'02	10≈54	13°18	28°32	2°41	16°49	20°29	13°19	19° 8	25° 7	29≈58	0°30	5°23	5°46	M29
T 30	16 28 25	8° 5'30	24°30	14°36	29°41	2°31	1 <u>6°</u> 44	20°27	13°19	19°10	25° 6	29°57	0°27	5°30	5°48	T 30
W31	16 32 21	9耳 2'57	7 <b>)</b> €40	15 <b>8</b> 57	0 <b>8</b> 51	2M22	16 <b>පි</b> 40	20 <b>≏</b> 24	13 <b>≈</b> 18	199512	25 <b>M</b> 4	29≈57	0 <b>∺</b> 23	5 <b>Ⅱ</b> 37	5 <b>m</b> 51	W31

Day	0	D	ğ	·	ď	4	ħ	)∤(	并	В	Ŋ	ດ Ç	, k
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl	decl dec	l decl lat
M 1	14n53		8 11n20 0s36			22s18 On 1	6s 3 2n46	17 s30 0 s39	21n38 0s34	5 s 35 14n 3			
T 2	15 12	17 50 1 3	3 10 54 0 52	2 8 1 20 1	4 32 0 36	22 18 0 1	6 1 2 46	17 29 0 39	21 38 0 34	5 35 14 3	10 29 1	0 48 25 4	2 4 38 5 22
W 3	15 29	12 31 0 2	5 10 30 1 8	3 1 44 1 23 1	4 28 0 33	22 18 0 1	6 0 2 46	17 29 0 39	21 38 0 34	5 35 14 3	10 28 1	0 49 25 4	4 4 39 5 21
T 4	15 47	6 48 0n4	3 10 7 1 24	1 20 1 26 1	4 23 0 31	22 18 0 0	5 58 2 46	17 29 0 39	21 38 0 34	5 34 14 3	10 28 1	0 51 25 4	5 4 40 5 21
F 5	16 5	0 57 1 4	7 9 47 1 39	0 56 1 29 1	4 19 0 28	22 18 0 0	5 57 2 46	17 29 0 39	21 38 0 34	5 34 14 3	10 29 1	0 52 25 4	6 4 40 5 20
S 6	16 22	4n51 2 4	5 9 29 1 52	2 0 31 1 31 1	4 15 0 25	22 18 0 0	5 55 2 46	17 29 0 39	21 37 0 34	5 33 14 3	10 31 1	0 53 25 4	8 4 41 5 19
S 7	16 39	10 23 3 3	9 14 2 6	5 0 7 1 34 1	4 10 0 22	22 18 0 0	5 54 2 46	17 29 0 39	21 37 0 34	5 33 14 3	10 33 1	0 54 25 4	9 4 42 5 18
M 8	16 55	15 29 4 1	4 9 1 2 18	0n18 1 36 1	4 6 0 20	22 19 0s (	5 53 2 45	17 29 0 39	21 37 0 34	5 33 14 3	10 37 1	0 55 25 5	0 4 42 5 17
T 9	17 12	19 57 4 42	2 8 50 2 29	0 43 1 39 1	4 2 0 17	22 19 0 0	5 51 2 45	17 28 0 39	21 37 0 34	5 32 14 3	10 41 1	0 56 25 5	2 4 43 5 16
W10	17 28	23 35 4 5	7 8 42 2 39	9 1 8 1 41 1	3 57 0 14	22 19 0 (	5 50 2 45	17 28 0 39	21 37 0 34	5 32 14 3	10 46 1	0 57 25 5	3 4 43 5 15
T 11	17 43	26 13 4 5	9 8 37 2 48	3 1 33 1 43 1	3 53 0 11	22 19 0 0	5 49 2 45	17 28 0 39	21 37 0 34	5 32 14 3	10 51 1	0 59 25 5	4 4 44 5 15
F 12	17 59	27 41 4 4	8 8 34 2 57	7 1 58 1 45 1	3 49 0 9	22 19 0 1	5 48 2 45	17 28 0 39	21 37 0 34	5 31 14 3	10 55 1	1 0 25 5	6 4 44 5 14
S 13	18 14	27 54 4 2	5 8 33 3 4	2 23 1 47 1	3 45 0 6	22 20 0 1	5 46 2 45	17 28 0 40	21 36 0 34	5 31 14 3	10 59 1	1 1 25 5	7 4 45 5 13
S 14	18 29	26 48 3 50	8 35 3 10	2 48 1 49 1	3 41 0 3	22 20 0 1	5 45 2 45	17 28 0 40	21 36 0 34	5 31 14 3	11 2 1	1 2 25 5	8 4 45 5 12
M15	18 43	24 27 3	4 8 39 3 16	5 3 13 1 50 1	3 37 0 0	22 20 0 1	5 44 2 44	17 28 0 40	21 36 0 34	5 30 14 3	11 4 1	1 3 25 5	9 4 46 5 11
T 16	18 58	20 57 2 10	0 8 45 3 20	3 38 1 52 1	3 33 Os 3	22 21 0 1	5 43 2 44	17 28 0 40	21 36 0 34	5 30 14 3	11 5 1	1 4 26	1 4 46 5 10
W17	19 12	16 28 1	8 8 54 3 24	4 3 1 53 1	3 29 0 5	22 21 0 1	5 42 2 44	17 28 0 40	21 36 0 34	5 30 14 2	11 6 1	1 5 26	2 4 46 5 10
T 18	19 25	11 9 0	1 9 5 3 27	7 4 29 1 55 1	3 26 0 8	22 22 0 1	5 41 2 44	17 28 0 40	21 36 0 34	5 29 14 2	11 6 1	1 6 26	3 4 46 5 9
F 19	19 38	5 12 1s	8 9 17 3 29	9 4 54 1 56 1	3 23 0 11	22 22 0 2	5 40 2 44	17 28 0 40	21 35 0 34	5 29 14 2	11 6 1	1 8 26	4 4 46 5 8
S 20	19 51	1 s11 2 1	9 32 3 30	5 19 1 57 1	3 19 0 13	22 23 0 2	5 39 2 43	17 28 0 40	21 35 0 34	5 29 14 2	11 6 1	1 9 26	6 4 47 5 7
S 21	20 4	7 44 3 1	7 9 48 3 30	5 44 1 58 1	3 16 0 16	22 23 0 2	5 38 2 43	17 28 0 40	21 35 0 34	5 29 14 2	11 8 1	1 10 26	7 4 47 5 6
M22	20 16	14 5 4	8 10 6 3 29	6 9 1 59 1	3 14 0 19	22 24 0 2	5 37 2 43	17 28 0 40	21 35 0 34	5 28 14 2	11 10 1	1 11 26	8 4 47 5 5
T 23	20 28	19 47 4 43	3 10 26 3 28	8 6 34 2 0 1	3 11 0 21	22 24 0 2	5 36 2 43	17 28 0 40	21 35 0 34	5 28 14 2	11 13 1	1 12 26	9 4 47 5 5
W24	20 40	24 18 4 5	9 10 48 3 26	6 6 59 2 1 1	3 9 0 24	22 25 0 2	5 35 2 43	17 29 0 40	21 34 0 34	5 28 14 2	11 17 1	1 13 26 1	1 4 47 5 4
T 25	20 51	27 8 4 5	4 11 10 3 23		3 6 0 27				21 34 0 34	5 28 14 2	11 21 1		
F 26	21 2	27 54 4 2	8 11 34 3 20	7 49 2 2 1	3 4 0 29	22 26 0 3	5 33 2 42	17 29 0 40	21 34 0 34	5 27 14 1	11 24 1	1 15 26 1	3 4 46 5 2
S 27	21 12					22 27 0 3			21 34 0 33			1 17 26 1	
S 28	21 22	23 32 2 4	5 12 26 3 11	8 38 2 3 1	3 1 0 34	22 27 0 3	5 32 2 42	17 29 0 40	21 33 0 33	5 27 14 1	11 29 1	1 18 26 1	5 4 46 5 1
M29	21 32	19 7 1 39	9 12 54 3 6	5 9 3 2 3 1	2 59 0 36	22 28 0 3	5 31 2 42	17 29 0 40	21 33 0 33	5 27 14 1	11 30 1	1 19 26 1	6 4 46 5 0
T 30	21 41	13 50 0 29	9 13 23 3 0	9 27 2 4 1	2 58 0 39	22 29 0 3	5 30 2 41	17 29 0 40	21 33 0 33	5 27 14 1	11 30 1	1 20 26 1	8 4 46 4 59
W31	21n50	8s 5 0n4	1 13n52 2s53	9n51 2s 4 1	2 s57 0 s41	22 s29 0 s 3	5 s30 2n41	17 s30 0 s40	21n33 0s33	5 s 26   14n   1	11 s30 1	1 s21 26n1	9 4n45 4s58

Julian Day Number = 2359258.5, Delta T = 15.24 sec Ecliptic obliquity = 23°28'28, Nutation =  $0^{\circ}00'07$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $21^{\circ}12'46$ , Lahiri =  $20^{\circ}19'46$ Greg. Calendar

JUNE 1747 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	4	ħ	)∤(	¥	Р	ß	Ω	Ç	ę,	Day
T 1	16 36 18	10 <b>I</b> I 0'23	20 <b>)</b> (26	17820	2 <b>8</b> 1	2°R13	16°R35	20°R22	13°R17	199513	25°R 3	29°R57	0 <b>∺</b> 20	5 <b>∏</b> 43	5 <b>m</b> 55	T 1
F 2	16 40 14	10°57'49	2 <b>Y</b> 54	18°47	3°11	2M 6	16 <b>궁</b> 30	20 <b>♀</b> 20	13≈17	19°15	25 <b>M</b> 1	29≈55	0°17	5°50	5°58	F 2
S 3	16 44 11	11°55'14	15° 8	20°16	4°21	1°59	16°25	20°18	13°16	19°17	25° 0	29°51	0°14	5°57	6° 1	S 3
S 4	16 48 8	12°52'38	27°12	21°48	5°31	1°53	16°20	20°16	13°15	19°19	24°58	29°45	0°11	6° 4	6° 4	S 4
M 5	16 52 4	13°50'02	98 9	23°23	6°41	1°48	16°15	20°14	13°14	19°21	24°56	29°36	0° 7	6°10	6° 8	M 5
T 6	16 56 1	14°47'25	21° 3	25° 0	7°51	1°44	16°10	20°13	13°13	19°23	24°55	29°24	0° 4	6°17	6°12	T 6
W 7	16 59 57	15°44'47	2Ⅲ55	26°40	9° 1	1°41	16° 4	20°11	13°13	19°25	24°53	29°11	0° 1	6°24	6°15	W 7
T 8	17 3 54	16°42'09	14°47	28°23	10°11	1°38	15°58	20° 9	13°12	19°26	24°52	28°58	29≈58	6°30	6°19	T 8
F 9	17 7 50	17°39'30	26°40	0 <b>Ⅱ</b> 8	11°21	1°37	15°52	20° 8	13°11	19°28	24°50	28°46	29°55	6°37	6°23	F 9
S 10	17 11 47	18°36'50	8937	1°56	12°32	1°36	15°47	20° 7	13°10	19°30	24°49	28°35	29°52	6°44	6°27	S 10
S 11	17 15 43	19°34'10	20°38	3°46	13°42	1°D36	15°40	20° 5	13° 9	19°32	24°47	28°27	29°48	6°51	6°31	S 11
M12	17 19 40	20°31'28	2 <b>Ω</b> 46	5°39	14°52	1°36	15°34	20° 4	13° 7	19°34	24°46	28°21	29°45	6°57	6°35	M12
T 13	17 23 37	21°28'46	15° 4	7°34	16° 3	1°38	15°28	20° 3	13° 6	19°36	24°44	28°19	29°42	7° 4	6°40	T 13
W14	17 27 33	22°26'03	27°35	9°32	17°13	1°40	15°22	20° 2	13° 5	19°38	24°43	28°D18	29°39	7°11	6°44	W14
T 15	17 31 30	23°23'19	10 <b>m</b> 22	11°32	18°24	1°43	15°15	20° 1	13° 4	19°40	24°42	28°18	29°36	7°18	6°48	T 15
F 16	17 35 26	24°20'35	23°30	13°34	19°35	1°47	15° 8	20° 1	13° 3	19°42	24°40	28°R19	29°33	7°24	6°53	F 16
S 17	17 39 23	25°17'49	7 <b>♀</b> 1	15°38	20°45	1°52	15° 2	20° 0	13° 1	19°44	24°39	28°18	29°29	7°31	6°58	S 17
S 18	17 43 19	26°15'03	20°59	17°44	21°56	1°58	14°55	19°59	13° 0	19°47	24°38	28°16	29°26	7°38	7° 2	S 18
M19	17 47 16	27°12'16	5 <b>M</b> 23	19°51	23° 7	2° 4	14°48	19°59	12°58	19°49	24°36	28°11	29°23	7°44	7° 7	M19
T 20	17 51 12	28° 9'29	20°11	22° 0	24°18	2°11	14°41	19°58	12°57	19°51	24°35	28° 4	29°20	7°51	7°12	T 20
W21	17 55 9	29° 6'41	5 <b>₹</b> 16	24° 9	25°28	2°18	14°34	19°58	12°56	19°53	24°34	27°56	29°17	7°58	7°17	W21
T 22	17 59 6	09 3'53	20°29	26°20	26°39	2°27	14°27	19°58	12°54	19°55	24°32	27°48	29°13	8° 5	7°22	T 22
F 23	18 3 2	1° 1'04	5 <b>る</b> 40	28°31	27°50	2°36	14°19	19°D58	12°52	19°57	24°31	27°40	29°10	8°11	7°28	F 23
S 24	18 6 59	1°58'16	20°39	09642	29° 1	2°46	14°12	19°58	12°51	19°59	24°30	27°34	29° 7	8°18	7°33	S 24
S 25	18 10 55	2°55'27	5≈17	2°53	0 <b>Ⅱ</b> 12	2°56	14° 5	19°58	12°49	20° 1	24°29	27°30	29° 4	8°25	7°38	S 25
M26	18 14 52	3°52'38	19°28	5° 4	1°23	3° 7	13°57	19°58	12°48	20° 3	24°27	27°28	29° 1	8°32	7°44	M26
T 27	18 18 48	4°49'48	3 <b>∺</b> 11	7°14	2°35	3°19	13°50	19°59	12°46	20° 6	24°26	27°D28	28°58	8°38	7°49	T 27
W28	18 22 45	5°46'59	16°27	9°23	3°46	3°31	13°42	19°59	12°44	20° 8	24°25	27°28	28°54	8°45	7°55	W28
T 29	18 26 42	6°44'11	29°17	11°32	4°57	3°45	13°35	19°59	12°42	20°10	24°24	27°29	28°51	8°52	8° 0	T 29
F 30	18 30 38	79541'22	11 <b>Y</b> 47	13939	6 <b>II</b> 8	3 <b>M</b> .58	13 <b>る</b> 27	20 <b>♀</b> 0	12≈41	209512	24M23	27°R30	28≈48	8 <b>Ⅱ</b> 58	8MD 6	F 30

Day	0	D	ğ	Q	a	7	24	ŀ	ħ	l	);	j(	<del>\</del>		Р	ß	v	Ç	ķ	
	decl	decl lat	decl la	nt decl l	lat decl	lat	decl	lat	decl	lat	decl	lat	decl la	at	decl lat	decl	decl	decl	decl	lat
T 1 F 2 S 3	21n59 22 7 22 15	3n41 2 45	14 53		2s 4 12s57 2 4 12 56 2 4 12 56	0 s44 2 0 46 2 0 48 2	22 31	0s 3 0 4 0 4	5 s29 5 28 5 28	2 41	17 s30 17 30 17 30	0 40	21 32	0 s33 0 33 0 33		11 s30 11 31 11 32	11 23	26 21	4n45 4 44 4 44	4 s 5 7 4 5 6 4 5 6
S 4 M 5 T 6 W 7 T 8	22 23 22 30 22 36 22 43 22 49	19 1 4 42 22 49 4 57 25 40 5 0	2 16 30 2 7 17 2 2 0 17 35	2 22 11 26 2 13 11 50 2 4 12 13 1 54 12 36 1 44 12 58	2 3 12 56 2 3 12 56 2 2 12 57 2 2 12 58 2 1 12 59	0 50 2 0 52 2 0 54 2 0 57 2 0 59 2	22 33 22 34 22 35	0 4 0 4 0 4 0 4 0 4	5 27 5 27 5 26 5 26 5 26	2 40 2 40 2 40	17 31 17 31 17 31 17 31 17 32	0 40 0 40 0 40	21 32 21 31 21 31	0 33 0 33 0 33 0 33 0 33		11 46	11 27 11 28 11 29	26 24 26 26 26 27	4 43 4 43 4 42 4 42 4 41	4 55 4 54 4 53 4 53 4 52
F 9 S 10	22 54 22 59			1 33 13 21 1 23 13 43	2 1 13 0 2 0 13 1		22 36 22 37	0 5 0 5	5 25 5 25		17 32 17 32	-	-	0 33 0 33	5 25 13 5 5 25 13 5				4 40 4 40	4 51 4 50
S 11 M12 T 13 W14 T 15 F 16 S 17	23 8	21 42 2 11 17 27 1 10 12 24 0 4 6 42 1s 4 0 36 2 10	20 17 20 47 0 4 21 17 0 22 12 0 22 12 0	1 1 14 26 0 50 14 48 0 38 15 9 0 27 15 29 0 16 15 50	1 59 13 3 1 58 13 5 1 57 13 7 1 56 13 10 1 55 13 13 1 54 13 16 1 52 13 19	1 6 2	22 41 22 42	0 5 0 5 0 5 0 5 0 5 0 6 0 6	5 25 5 25 5 25 5 24 5 24 5 24 5 24	2 38 2 38 2 38 2 38 2 37	17 33 17 33 17 33 17 34 17 34 17 35 17 35	0 41 0 41 0 41 0 41 0 41	21 30 21 30 21 29 21 29 21 29	0 33 0 33 0 33 0 33 0 33 0 33 0 33	5 25 13 5 5 25 13 5	8 12 4 7 12 5 7 12 5 7 12 5 7 12 5	11 34 11 36 11 37 11 38	26 33 26 34 26 35 26 36	4 39 4 38 4 37 4 36 4 35 4 34 4 33	4 49 4 49 4 48 4 47 4 46 4 46 4 45
S 18 M19 T 20 W21 T 22 F 23 S 24	23 27 23 28 23 28 23 28 23 28	22 39 5 1 26 9 5 2 27 48 4 41 27 21 4 0	23 22 (1 23 41 (2 23 58 (2 24 12 (2 24 24 24 (2 24 24 (2 24 24 (2 24 24 (2 24 24 (2 24 24 (2 24 24 (2 24 24 24 (2 24 24 (2 24 24 (2 24 24 (2 24 24 (2 24 24 (2 24 24 24 (2 24 24 (2 24 24 24 (2 24 24 24 (2 24 24 24 (2 24 24 24 (2 24 24 24 24 24 24 (2 24 24 24 24 24 24 24 24 24 24 24 24 24	0 28 17 8 0 38 17 26 0 47 17 44 0 56 18 2	1 51 13 22 1 50 13 26 1 48 13 30 1 46 13 34 1 45 13 38 1 43 13 43 1 41 13 48	1 22 2 1 23 2	22 45 22 46 22 47 22 48 22 49	0 6 0 6 0 6 0 6 0 6 0 7 0 7	5 24 5 24 5 25 5 25 5 25 5 25 5 25	2 37 2 36 2 36 2 36 2 36	17 35 17 36 17 36 17 37 17 37 17 38 17 38	0 41 0 41 0 41 0 41 0 41	21 28 21 28 21 27 21 27 21 27	0 33 0 33 0 33 0 33 0 33 0 33 0 33	5 25 13 5 5 25 13 5	5 12 7 5 12 10 5 12 12 5 12 15 4 12 18	11 42 11 43 11 45 11 46 11 47	26 41 26 42 26 43	4 32 4 31 4 30 4 29 4 28 4 26 4 25	4 44 4 44 4 43 4 42 4 41 4 41 4 40
S 25 M26 T 27 W28 T 29 F 30	23 27 23 25 23 23 23 21 23 18 23n15	15 41 0 43 9 52 0n31 3 49 1 40 2n12 2 43	3 24 42 24 43 0 24 40 3 24 35	1 12 18 36 1 20 18 53 1 26 19 9 1 32 19 24 1 37 19 39 1n41 19n54	1 40 13 52 1 38 13 58 1 36 14 3 1 34 14 8 1 32 14 14 1 s30 14 s20	1 30 2	22 52 22 52 22 53 22 54	0 7 0 7 0 7 0 7 0 7 0 8	5 26 5 26 5 26 5 27 5 27 5 s28	2 35 2 34 2 34 2 34	17 39 17 39 17 40 17 40 17 41 17 s41	0 41 0 41 0 41 0 41	21 26 21 26 21 25 21 25	0 33 0 33 0 33 0 33 0 33 0 s33	5 25 13 5 5 25 13 5 5 26 13 5 5 26 13 5 5 26 13 5 5 26 13 5	3 12 22 3 12 22 2 12 22 2 12 22	11 50 11 51 11 52 11 53	26 46 26 47 26 48 26 49	4 24 4 22 4 21 4 20 4 18 4n17	4 39 4 39 4 38 4 37 4 37 4 36

Julian Day Number = 2359289.5, Delta T = 15.26 sec Ecliptic obliquity =  $23^{\circ}28'27$ , Nutation =  $0^{\circ}00'08$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $21^{\circ}12'50$ , Lahiri =  $20^{\circ}19'51$ Greg. Calendar

JULY 1747 00:00 UT

Day	Sid.t	0	D	φ,	Q	♂	4	ħ	ᡟ	¥	Р	R	ຄ	Ç	ę,	Day
S 1	18 34 35	8938'33	24 <b>Y</b> 1	159945	7 <b>Ⅲ</b> 20	4 <b>M</b> .12	13°R19	20 <b>♀</b> 1	12°R39	20914	24°R22	27°R28	28≈45	9 <b>Ⅱ</b> 5	8 <b>m</b> 12	S 1
S 2	18 38 31	9°35'45	6 <b>8</b> 4	17°49	8°31	4°27	13 <b>七</b> 12	20° 2	12≈37	20°17	24M21	27≈25	28°42	9°12	8°18	S 2
M 3	18 42 28	10°32'58	17°59	19°52	9°43	4°43	13° 4	20° 3	12°35	20°19	24°20	27°20	28°39	9°19	8°24	M 3
T 4	18 46 24	11°30'10	29°51	21°53	10°54	4°59	12°56	20° 4	12°33	20°21	24°19	27°13	28°35	9°25	8°30	T 4
W 5	18 50 21	12°27'23	11 <b>II</b> 43	23°52	12° 6	5°16	12°49	20° 5	12°31	20°23	24°18	27° 5	28°32	9°32	8°36	W 5
T 6	18 54 17	13°24'36	23°36	25°49	13°17	5°33	12°41	20° 6	12°29	20°25	24°17	26°57	28°29	9°39	8°42	T 6
F 7	18 58 14	14°21'49	5935	27°45	14°29	5°51	12°33	20° 7	12°27	20°28	24°16	26°49	28°26	9°45	8°49	F 7
S 8	19 2 11	15°19'03	17°39	29°39	15°41	6° 9	12°25	20° 9	12°25	20°30	24°15	26°42	28°23	9°52	8°55	S 8
S 9	19 6 7	16°16'17	29°50	1 <b>Q</b> 30	16°52	6°28	12°18	20°10	12°23	20°32	24°14	26°38	28°19	9°59	9° 2	S 9
M10	19 10 4	17°13'31	12 <b>Ω</b> 10	3°20	18° 4	6°47	12°10	20°12	12°21	20°34	24°14	26°35	28°16	10° 6	9° 8	M10
T 11	19 14 0	18°10'45	24°41	5° 8	19°16	7° 7	12° 2	20°13	12°19	20°36	24°13	26°D34	28°13	10°12	9°15	T 11
W12	19 17 57	19° 7'59	7 <b>m</b> 24	6°55	20°28	7°28	11°55	20°15	12°17	20°39	24°12	26°34	28°10	10°19	9°21	W12
T 13	19 21 53	20° 5'13	20°21	8°39	21°40	7°49	11°47	20°17	12°15	20°41	24°11	26°35	28° 7	10°26	9°28	T 13
F 14	19 25 50	21° 2'28	3 <b>₾</b> 35	10°21	22°52	8°10	11°40	20°19	12°13	20°43	24°10	26°37	28° 4	10°33	9°35	F 14
S 15	19 29 46	21°59'42	17° 7	12° 1	24° 4	8°32	11°32	20°21	12°10	20°45	24°10	26°R38	28° 0	10°39	9°42	S 15
S 16	19 33 43	22°56'57	1 <b>M</b> 0	13°40	25°16	8°55	11°25	20°23	12° 8	20°48	24° 9	26°38	27°57	10°46	9°48	S 16
M17	19 37 40	23°54'12	15°12	15°17	26°28	9°17	11°17	20°25	12° 6	20°50	24° 9	26°36	27°54	10°53	9°55	M17
T 18	19 41 36	24°51'27	29°43	16°51	27°40	9°41	11°10	20°28	12° 4	20°52	24° 8	26°33	27°51	10°59	10° 2	T 18
W19	19 45 33	25°48'43	14 <b>~</b> 28	18°24	28°52	10° 4	11° 3	20°30	12° 1	20°54	24° 7	26°29	27°48	11° 6	10°10	W19
T 20	19 49 29	26°45'59	29°21	19°55	0න 4	10°29	10°56	20°33	11°59	20°57	24° 7	26°25	27°45	11°13	10°17	T 20
F 21	19 53 26	27°43'15	14 <b>궁</b> 14	21°24	1°17	10°53	10°48	20°35	11°57	20°59	24° 6	26°21	27°41	11°20	10°24	F 21
S 22	19 57 22	28°40'32	28°59	22°51	2°29	11°18	10°41	20°38	11°55	21° 1	24° 6	26°18	27°38	11°26	10°31	S 22
S 23	20 1 19	29°37'50	13≈28	24°16	3°41	11°44	10°34	20°41	11°52	21° 3	24° 5	26°17	27°35	11°33	10°38	S 23
M24	20 5 16	0 <b>N</b> 35'08	27°36	25°39	4°54	12° 9	10°28	20°44	11°50	21° 5	24° 5	26°D16	27°32	11°40	10°46	M24
T 25	20 9 12	1°32'27	11 <b>米</b> 20	27° 0	6° 6	12°36	10°21	20°47	11°48	21° 8	24° 5	26°17	27°29	11°46	10°53	T 25
W26	20 13 9	2°29'47	24°38	28°19	7°19	13° 2	10°14	20°50	11°45	21°10	24° 4	26°18	27°25	11°53	11° 1	W26
T 27	20 17 5	3°27'08	7 <b>Ƴ</b> 33	29°36	8°31	13°29	10° 8	20°53	11°43	21°12	24° 4	26°20	27°22	12° 0	11° 8	T 27
F 28	20 21 2	4°24'30	20° 7	0 <b>m</b> 50	9°44	13°56	10° 1	20°56	11°41	21°14	24° 4	26°21	27°19	12° 7	11°16	F 28
S 29	20 24 58	5°21'53	2824	2° 3	10°56	14°24	9°55	21° 0	11°38	21°16	24° 4	26°R22	27°16	12°13	11°23	S 29
S 30	20 28 55	6°19'18	14°28	3°13	12° 9	14°52	9°49	21° 3	11°36	21°18	24° 3	26°21	27°13	12°20	11°31	S 30
M31	20 32 51	7 <b>Ω</b> 16'43	26 <b>8</b> 24	4 Mp 2 1	139522	15 <b>M</b> 20	9 <b>궁</b> 43	21 <b>♀</b> 7	11 <b>≈</b> 33	219521	24M 3	26≈20	27≈10	12 <b>Ⅲ</b> 27	11 <b>m</b> 39	M31

Day	0	D	1	<b>‡</b>	φ	♂		24		ħ		)į	ξ(	<del>,</del>	(	Р		n	Ω	Ç	ď	;
	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	23n12	13n19 41	n17 24n17	1n45 20	0n 8 1s27	14 s26 1	s35 2	2 s 5 6	0 s 8	5 s28	2n33	17 s42	0s41	21n24	0 s33	5 s 2 6	13n51	12 s22	11 s56	26n51	4n15	$4  \mathrm{s} 35$
S 2	23 8	18 4 4	47 24 4	1 48 20	0 21 1 25	14 32 1	36 2	2 57	0 8	5 29	2 33	17 42	0 41	21 24	0 33	5 26	13 51	12 23	11 57	26 52	4 13	4 35
M 3	23 3	22 4 5	3 23 49	1 50 20	0 34 1 23		37 2		0 8	5 29	2 33	17 43	0 41	21 24	0 33	5 26	13 50	12 25	11 58	26 52	4 12	4 34
T 4	22 59			-		-	38 2		0 8	5 30		17 43		21 23	0 33	-				26 53	4 10	4 33
W 5	22 53		58 23 12	-			39 2	-	0 8	5 30	-	17 44	-	21 23	0 33	-			-	26 54	4 8	4 33
T 6 F 7	-		35 22 51 1 22 27				40 2 41 2	-	0 9 0 9	5 31 5 32		17 45 17 45		21 23 21 22	0 33 0 33			12 33		26 55 26 56	4 7 4 5	4 32 4 31
S 8			15 22 3			15 12 1		-	0 9	5 33		17 46		21 22	0 33					26 57	4 3	4 31
S 9	22 29	22 29 2	20 21 36	1 48 2	1 41 1 9	15 19 1	43 2	3 3	0 9	5 33	2 31	17 46	0 41	21 22	0 33	5 28	13 48	12 39	12 4	26 58	4 1	4 30
		-	17 21 9	-			44 2		0 9	5 34	-	17 47	-	21 21	0 33					26 59	4 0	4 29
T 11			10 20 40				45 2			5 35		17 48		21 21	0 33					26 59	3 58	4 29
W12	22 6		s59 20 9				46 2		0 9	5 36		17 48		21 21	0 33					27 0	3 56	4 28
_	21 58 21 50	-	6 19 38 8 19 6				47 2 48 2	-	0 9 0 10	5 37 5 38		17 49 17 49	-	21 20 21 20	0 33 0 33	-			12 9 12 10		3 54 3 52	4 28 4 27
			1 18 33	-			49 2		0 10	5 39		17 50	-	21 20	0 33				12 10		3 50	
S 16	21 31	16 14 4	42 18 0	1 18 2	2 33 0 51	16 13 1	50 2	3 9	0 10	5 40	2 29	17 51	0 41	21 20	0 33	5 30	13 44	12 39	12 12	27 3	3 48	4 26
		21 17 5				-	50 2	-	0 10	5 41	-	17 51	-	21 19	0 33				12 13		3 46	4 25
	21 11	-	12 16 51	-			51 2	-	0 10	5 42	-	17 52	-	21 19	0 33		-		12 14		3 44	4 25
W19 T 20			57 16 15 22 15 40		-		52 2 52 2	-	0 10 0 10	5 43 5 45	-	17 53 17 53	-	21 19 21 18	0 33 0 33				12 15 12 17		3 41 3 39	4 24 4 24
F 21			30 15 4				53 2	-	0 10	5 46		17 54	-	21 18	0 33				12 17		3 37	4 23
S 22		-	24 14 28				54 2		0 11	5 47	-	17 55	-	21 18	0 33				12 19		3 35	4 23
S 23	20 15	17 55 1	10 13 52			17 11 1	54 2	3 14	0 11	5 48	2 28	17 55	0 42	21 17	0 33					27 9	3 33	4 22
M24			n 7 13 16		-		55 2	-	0 11	5 50		17 56	-	21 17	0 33					27 10	3 30	4 22
T 25	19 51	-	22 12 40			17 29 1		-	0 11	5 51		17 57	-	21 17	0 33					27 10	3 28	4 21
W26 T 27	19 38 19 25		30 12 3 28 11 28			17 37 1 17 46 1	56 2 57 2	-	0 11 0 11	5 52 5 54		17 57 17 58	-	21 16 21 16	0 33 0 33				12 23 12 24		3 26 3 23	4 20 4 20
F 28			28 11 28 14 10 52				57 2		0 11	5 55		17 59	-	21 16	0 33					27 12	3 23	4 20
S 29		-	48 10 17				58 2		0 12	5 57	-	17 59	-	21 15	0 33					27 13	3 19	4 19
S 30	18 43		8 9 42			_	58 2	-	0 12	5 58	-	18 0	-	21 15	0 33					27 14	3 16	-
M31	18n29	24n28 51	n15 9n 7	0 s 5 2 2 2	2n38 0s10	18 s21 1	s59 2	3s19	0 s12	6s 0	2n26	18 s 1	0 s42	21n15	0 s33	5 s 3 6	13n37	12 s45	12 s29	27n14	3n14	4 s 1 8

Julian Day Number = 2359319.5, Delta T = 15.28 sec Ecliptic obliquity = 23°28'27, Nutation = 0°00'09, out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $21^{\circ}12'54$ , Lahiri =  $20^{\circ}19'55$ Greg. Calendar

AUGUST 1747 00:00 UT

_																
Day	Sid.t	0	)	φ	φ	δ	4	ħ	ᡟ	并	Р	n	Ω	Ç	Š.	Day
T 1	20 36 48	8 <b>Ω</b> 14'10	8耳16	5 <b>m</b> 26	14934	15 <b>M</b> .49	9°R37	21 <b>≏</b> 10	11°R31	219523	24°R 3	26°R18	27≈ 6	12 <b>Ⅲ</b> 33	11 <b>m</b> /47	T 1
W 2	20 40 45	9°11'38	20° 9	6°29	15°47	16°18	9 <b>ට</b> 31	21°14	11 <b>≈</b> 29	21°25	24M 3	26≈16	27° 3	12°40	11°54	W 2
T 3	20 44 41	10° 9'08	295 6	7°29	17° 0	16°47	9°25	21°18	11°26	21°27	24° 3	26°14	27° 0	12°47	12° 2	T 3
F 4	20 48 38	11° 6'38	14°10	8°26	18°13	17°17	9°20	21°21	11°24	21°29	24° 3	26°11	26°57	12°54	12°10	F 4
S 5	20 52 34	12° 4'10	26°23	9°20	19°26	17°47	9°14	21°25	11°21	21°31	24°D 3	26° 9	26°54	13° 0	12°18	S 5
S 6	20 56 31	13° 1'43	8 <b>Ω</b> 47	10°12	20°39	18°17	9° 9	21°29	11°19	21°33	24° 3	26° 8	26°51	13° 7	12°26	S 6
M 7	21 0 27	13°59'16	21°24	11° 0	21°52	18°48	9° 4	21°33	11°17	21°36	24° 3	26°D 8	26°47	13°14	12°34	M 7
T 8	21 4 24	14°56'51	4 Mp 14	11°44	23° 5	19°19	8°59	21°38	11°14	21°38	24° 3	26° 8	26°44	13°21	12°42	T 8
W 9	21 8 20	15°54'27	17°16	12°26	24°18	19°50	8°54	21°42	11°12	21°40	24° 3	26° 8	26°41	13°27	12°50	W 9
T 10	21 12 17	16°52'04	0 <b>ჲ</b> 33	13° 3	25°31	20°22	8°49	21°46	11°10	21°42	24° 3	26° 9	26°38	13°34	12°58	T 10
F 11	21 16 13	17°49'42	14° 3	13°36	26°44	20°54	8°45	21°50	11° 7	21°44	24° 3	26°10	26°35	13°41	13° 7	F 11
S 12	21 20 10	18°47'21	27°46	14° 6	27°58	21°26	8°40	21°55	11° 5	21°46	24° 4	26°10	26°31	13°47	13°15	S 12
S 13	21 24 7	19°45'01	11 <b>M</b> 42	14°30	29°11	21°58	8°36	21°59	11° 2	21°48	24° 4	26°11	26°28	13°54	13°23	S 13
M14	21 28 3	20°42'42	25°50	14°51	0 <b>Ω</b> 24	22°31	8°32	22° 4	11° 0	21°50	24° 4	26°R11	26°25	14° 1	13°31	M14
T 15	21 32 0	21°40'24	10 <b>才</b> 7	15° 6	1°37	23° 4	8°28	22° 9	10°58	21°52	24° 5	26°11	26°22	14° 8	13°40	T 15
W16	21 35 56	22°38'08	24°32	15°16	2°51	23°37	8°25	22°13	10°55	21°54	24° 5	26°10	26°19	14°14	13°48	W16
T 17	21 39 53	23°35'52	8 <b>궁</b> 59	15°R21	4° 4	24°10	8°21	22°18	10°53	21°56	24° 5	26°10	26°16	14°21	13°56	T 17
F 18	21 43 49	24°33'38	23°26	15°21	5°18	24°44	8°18	22°23	10°51	21°58	24° 6	26°10	26°12	14°28	14° 5	F 18
S 19	21 47 46	25°31'24	7 <b>≈</b> 45	15°14	6°31	25°18	8°15	22°28	10°48	22° 0	24° 6	26°10	26° 9	14°34	14°13	S 19
S 20	21 51 43	26°29'12	21°54	15° 2	7°45	25°52	8°12	22°33	10°46	22° 2	24° 7	26°10	26° 6	14°41	14°21	S 20
M21	21 55 39	27°27'02	5 <b>){</b> 47	14°44	8°58	26°27	8° 9	22°38	10°44	22° 4	24° 7	26°10	26° 3	14°48	14°30	M21
T 22	21 59 36	28°24'53	19°22	14°21	10°12	27° 1	8° 6	22°43	10°42	22° 5	24° 8	26° 9	26° 0	14°55	14°38	T 22
W23	22 3 32	29°22'45	2 <b>Y</b> 36	13°51	11°26	27°36	8° 4	22°49	10°39	22° 7	24° 8	26° 9	25°56	15° 1	14°47	W23
T 24	22 7 29	0 <b>m</b> 20'39	15°30	13°16	12°39	28°11	8° 2	22°54	10°37	22° 9	24° 9	26° 9	25°53	15° 8	14°55	T 24
F 25	22 11 25	1°18'35	28° 5	12°35	13°53	28°47	8° 0	22°59	10°35	22°11	24°10	26° 8	25°50	15°15	15° 4	F 25
S 26	22 15 22	2°16'33	10823	11°50	15° 7	29°22	7°58	23° 5	10°33	22°13	24°10	26° 8	25°47	15°21	15°12	S 26
S 27	22 19 18	3°14'33	22°29	11° 0	16°21	29°58	7°56	23°10	10°31	22°15	24°11	26° 7	25°44	15°28	15°21	S 27
M28	22 23 15	4°12'34	4 <b>Ⅱ</b> 26	10° 7	17°34	0 <b>∡</b> ³34	7°55	23°16	10°29	22°16	24°12	26°D 7	25°41	15°35	15°30	M28
T 29	22 27 11	5°10'38	16°19	9°11	18°48	1°10	7°53	23°21	10°26	22°18	24°13	26° 7	25°37	15°42	15°38	T 29
W30	22 31 8	6° 8'43	28°12	8°14	20° 2	1°46	<u>7°52</u>	23°27	10°24	22°20	24°14	26° 8	25°34	1 <u>5</u> °48	15°47	W30
T 31	22 35 5	7Mm, 6'51	109511	7 <b>m</b> p 17	21 <b>\O</b> 16	2 <b>₹</b> 23	7 <b>궁</b> 51	23 <b>₾</b> 32	10≈22	229522	24 <b>M</b> .14	26≈ 9	25≈31	15 <b>Ⅱ</b> 55	15 <b>M</b> 56	T 31

Day	0	D	ğ	·	ď	4	ħ	)Å(	¥	Р	n	v t	ę,
	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	18n14 17 59 17 44	27 54 4 48	8 0 1 1	14 22 28 0 4	18 39 2 0	23 s19 0 s12 23 20 0 12 23 20 0 12	6s 1 2n26 6 3 2 25 6 4 2 25	18 2 0 42	21n14 0s33 21 14 0 33 21 14 0 33	5 s 3 6 13 n 3 6 5 3 7 1 3 3 6 5 3 7 1 3 3 5	12 47 1	12 31 27 16	3n11 4s18 3 9 4 17 3 6 4 17
F 4 S 5	17 28		6 56 1 3	36 22 15 On 1	18 57 2 1 19 6 2 1	23 21 0 12 23 21 0 12 23 21 0 12	6 6 2 25 6 8 2 25	18 3 0 42	21 13 0 33 21 13 0 33 21 13 0 33	5 38 13 35 5 38 13 34	12 48 1	12 33 27 17	3 4 4 16 3 1 4 16
S 6 M 7 T 8 W 9 T 10 F 11	16 56 16 39 16 23 16 5 15 48 15 31	14 48 0 26	5 27 2 1 4 59 2 2 4 33 2 3 4 8 2 4	10 21 51 0 9 22 21 41 0 12 33 21 31 0 14 44 21 21 0 17	19 32 2 2 19 41 2 3	23 22 0 13 23 22 0 13 23 23 0 13 23 23 0 13 23 24 0 13 23 24 0 13	6 10 2 24 6 11 2 24 6 13 2 24 6 15 2 24 6 17 2 23 6 18 2 23	18 5 0 42 18 6 0 42 18 7 0 42 18 7 0 42	21 13 0 33 21 12 0 33 21 12 0 33 21 12 0 33 21 11 0 33 21 11 0 33	5 39 13 34 5 39 13 33 5 40 13 33 5 40 13 32 5 41 13 32 5 41 13 31	12 50 1 12 50 1 12 49 1 12 49 1	12 36 27 19 12 37 27 20 12 38 27 20 12 39 27 21	2 58 4 15 2 56 4 15 2 53 4 14 2 50 4 14 2 48 4 13 2 45 4 13
S 12 S 13 M14 T 15 W16 T 17 F 18	15 13 14 55 14 37	15 2 4 39 20 13 5 7 24 22 5 17 27 4 5 7 28 0 4 39 27 2 3 53	3 24 3 3 5 3 1 2 47 3 2 2 32 3 3 2 19 3 4 2 9 3 5	6 20 57 0 22 17 20 45 0 24 28 20 32 0 27 88 20 18 0 29 47 20 4 0 32 56 19 49 0 34		23 25 0 13 23 25 0 13 23 25 0 13 23 26 0 13 23 26 0 14 23 26 0 14	6 20 2 23 6 22 2 23 6 24 2 23 6 26 2 22 6 28 2 22 6 30 2 22 6 32 2 22	18 9 0 42 18 9 0 42 18 10 0 42 18 10 0 42 18 11 0 42 18 12 0 42	21 11 0 32 21 10 0 32 21 10 0 32 21 10 0 32 21 9 0 32 21 9 0 32	5 42 13 31 5 42 13 30 5 43 13 30 5 44 13 29 5 44 13 28 5 45 13 28 5 45 13 28	12 49 1 12 49 1 12 49 1 12 49 1 12 49 1 12 49 1	12 42 27 22 12 43 27 23 12 44 27 23 12 45 27 24 12 46 27 24 12 47 27 25	2 42 4 13 2 39 4 12 2 37 4 12 2 34 4 11 2 31 4 11 2 28 4 11 2 25 4 10
S 19 S 20 M21 T 22 W23 T 24 F 25 S 26	13 2 12 42 12 23 12 3 11 42 11 22 11 1 10 41	14 36 0 24 8 35 0n53 2 18 2 5 3n55 3 8	1 56 4 1 1 57 4 2 2 2 4 2 2 11 4 3 2 23 4 3 2 38 4 3	24 18 44 0 43 29 18 26 0 45 32 18 8 0 47 33 17 49 0 49 33 17 30 0 51	21 17 2 5 21 25 2 5 21 33 2 6 21 42 2 6 21 50 2 6 21 58 2 6	23 27 0 14 23 27 0 14 23 27 0 14 23 28 0 14 23 28 0 14 23 28 0 14 23 28 0 14 23 29 0 15	6 36 2 21 6 38 2 21 6 40 2 21 6 42 2 21 6 44 2 21 6 46 2 20	18 14 0 42 18 15 0 42 18 15 0 42	21 8 0 32 21 8 0 32 21 8 0 32 21 7 0 32 21 7 0 32 21 7 0 32	5 48 13 25 5 49 13 25	12 49 1 12 49 1 12 49 1 12 49 1 12 49 1 12 49 1	12 50 27 26 12 51 27 27 12 52 27 27 12 53 27 28 12 54 27 28 12 56 27 29	2 22 4 10 2 20 4 10 2 17 4 9 2 14 4 9 2 11 4 9 2 8 4 8 2 5 4 8 2 2 4 8
S 27 M28 T 29 W30 T 31	9 59 9 38 9 16	23 30 5 16 26 11 5 13 27 42 4 57 27 56 4 28 26n52 3n48	3 44 4 2 4 12 4 1 4 41 4	23 16 30 0 57 15 16 9 0 59 6 15 47 1 1	22 21 2 6 22 29 2 6 22 36 2 6	23 29 0 15 23 29 0 15 23 29 0 15 23 29 0 15 23 829 0 815		18 18 0 42 18 19 0 42 18 19 0 42	21 6 0 32 21 5 0 32	5 51 13 23 5 52 13 22 5 53 13 22 5 53 13 21 5 s54 13n21	12 50 1 12 50 1 12 50 1	12 59 27 30 13 0 27 31 13 1 27 31	

Julian Day Number = 2359350.5, Delta T = 15.31 sec Ecliptic obliquity = 23°28'27, Nutation = 0°00'10, out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $21^{\circ}12'59$ , Lahiri =  $20^{\circ}19'59$ Greg. Calendar

SEPTEMBER 1747 00:00 UT

JLI	I FLIDEK	<b>1</b> / <b>7</b> /													00.0	0 01
Day	Sid.t	0	D	ğ	φ	♂ <sup>™</sup>	4	ħ	)∤(	并	В	S.	v	Ç	ę,	Day
F 1	22 39 1	8 m 5'00	229519	6°R20	22 <b>\Omega</b> 30	3 <b>×</b> 7 0	7°R51	23 <u>0</u> 38	10°R20	22923	24 <b>M</b> .15	26≈10	25≈28	16 <b>I</b> I 2	16 <b>m</b> 4	F 1
S 2	22 42 58	9° 3'11	4 <b>Ω</b> 39	5 Mp 26	23°44	3°37	7 <b>궁</b> 50	23°44	10≈18	22°25	24°16	26°11	25°25	16° 8	16°13	S 2
S 3	22 46 54	10° 1'24	17°15	4°35	24°58	4°14	7°50	23°50	10°16	22°27	24°17	26°12	25°22	16°15	16°22	S 3
M 4	22 50 51	10°59'39	0 <b>m</b> ) 8	3°48	26°13	4°51	7°D50	23°56	10°14	22°28	24°18	26°R12	25°18	16°22	16°30	M 4
T 5	22 54 47	11°57'56	13°18	3° 7	27°27	5°29	7°50	24° 2	10°12	22°30	24°19	26°11	25°15	16°29	16°39	T 5
W 6	22 58 44	12°56'14	26°46	2°33	28°41	6° 7	7°50	24° 8	10°11	22°31	24°20	26°10	25°12	16°35	16°48	W 6
T 7	23 2 40	13°54'34	10 <b>≏</b> 29	2° 7	29°55	6°45	7°50	24°14	10° 9	22°33	24°21	26° 8	25° 9	16°42	16°56	T 7
F 8	23 6 37	14°52'56	24°24	1°49	1 <b>m</b> ) 9	7°23	7°51	24°20	10° 7	22°34	24°22	26° 5	25° 6	16°49	17° 5	F 8
S 9	23 10 34	15°51'20	8 <b>M</b> 29	1°40	2°24	8° 1	7°52	24°26	10° 5	22°36	24°24	26° 3	25° 2	16°55	17°14	S 9
S 10	23 14 30	16°49'45	22°39	1°D40	3°38	8°40	7°53	24°32	10° 3	22°37	24°25	26° 0	24°59	17° 2	17°23	S 10
M11	23 18 27	17°48'12	6 <b>₹</b> 52	1°49	4°52	9°18	7°54	24°39	10° 2	22°39	24°26	25°59	24°56	17° 9	17°31	M11
T 12	23 22 23	18°46'41	21° 6	2° 7	6° 7	9°57	7°55	24°45	10° 0	22°40	24°27	25°D59	24°53	17°16	17°40	T 12
W13	23 26 20	19°45'11	5 <b>궁</b> 16	2°35	7°21	10°36	7°57	24°51	9°58	22°42	24°28	25°59	24°50	17°22	17°49	W13
T 14	23 30 16	20°43'42	19°23	3°11	8°36	11°15	7°59	24°58	9°57	22°43	24°30	26° 1	24°47	17°29	17°58	T 14
F 15	23 34 13	21°42'16	3≈23	3°56	9°50	11°55	8° 1	25° 4	9°55	22°44	24°31	26° 2	24°43	17°36	18° 6	F 15
S 16	23 38 9	22°40'51	17°15	4°50	11° 5	12°34	8° 3	25°11	9°53	22°46	24°32	26° 3	24°40	17°42	18°15	S 16
S 17	23 42 6	23°39'27	0 <b>∺</b> 57	5°50	12°19	13°14	8° 5	25°17	9°52	22°47	24°34	26°R 3	24°37	17°49	18°24	S 17
M18	23 46 3	24°38'06	14°27	6°58	13°34	13°54	8° 8	25°24	9°50	22°48	24°35	26° 2	24°34	17°56	18°32	M18
T 19	23 49 59	25°36'46	27°43	8°12	14°48	14°33	8°10	25°30	9°49	22°49	24°37	26° 0	24°31	18° 3	18°41	T 19
W20	23 53 56	26°35'28	10 <b>Y</b> 45	9°32	16° 3	15°13	8°13	25°37	9°47	22°51	24°38	25°55	24°28	18° 9	18°50	W20
T 21	23 57 52	27°34'13	23°31	10°57	17°17	15°54	8°16	25°44	9°46	22°52	24°40	25°50	24°24	18°16	18°59	T 21
F 22	0 1 49	28°32'59	6 <b>8</b> 1	12°27	18°32	16°34	8°20	25°50	9°45	22°53	24°41	25°45	24°21	18°23	19° 7	F 22
S 23	0 5 45	29°31'48	18°18	14° 0	19°47	17°14	8°23	25°57	9°44	22°54	24°43	25°39	24°18	18°29	19°16	S 23
S 24	0 9 42	0 <b>ჲ</b> 30'39	0П23	15°37	21° 1	17°55	8°27	26° 4	9°42	22°55	24°44	25°35	24°15	18°36	19°25	S 24
M25	0 13 38	1°29'32	12°19	17°16	22°16	18°36	8°31	26°11	9°41	22°56	24°46	25°31	24°12	18°43	19°33	M25
T 26	0 17 35	2°28'28	24°11	18°57	23°31	19°17	8°35	26°17	9°40	22°57	24°48	25°29	24° 8	18°49	19°42	T 26
W27	0 21 32	3°27'26	695 4	20°41	24°46	19°58	8°39	26°24	9°39	22°58	24°49	25°D29	24° 5	18°56	19°50	W27
T 28	0 25 28	4°26'26	18° 1	22°25	26° 1	20°39	8°43	26°31	9°38	22°59	24°51	25°30	24° 2	19° 3	19°59	T 28
F 29	0 29 25	5°25'28	oΩ 9	24°11	27°15	21°20	8°47	26°38	9°37	23° 0	24°53	25°31	23°59	19°10	20° 8	F 29
S 30	0 33 21	6 <b>₽</b> 24'33	12 <b>N</b> 31	25 <b>m</b> 57	28 <b>m</b> /30	22 <b>×</b> 2	8 <b>궁</b> 52	26 <b>≏</b> 45	9≈36	2399 1	24 <b>M</b> 54	25≈33	23≈56	19 <b>Ⅱ</b> 16	20 <b>M</b> 16	S 30

Day	0	J	)	ζ	5	9	2	ď	7	2	ł	ŧ	1	)į	<del>j</del> (	j	ŧ,	Е	)	n	ນ	ţ	Š	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1	8n33	24n32	2n57	5n46	3 s42	15n 3	1n 4	22 s51	2s 6	5 23 s30	0s15	7s 2	2n19	18 s21	0 s42	21n 5	0 s33	5 s 5 5	13n20	12 s49	13 s 3	27n32	1n44	4s 6
S 2	8 11	21 1	1 56	6 19	3 27	14 40	1 6	22 58	2 6	23 30	0 15	7 4	2 19	18 21	0 42	21 4	0 33	5 55	13 20	12 49	13 4	27 32	1 41	4 5
S 3	7 49	16 28	0 49	6 53	3 11	14 16	1 7	23 5	2 6	23 30	0 15	7 7	2 19	18 22	0 42	21 4	0 33	5 56	13 19	12 48	13 5	27 33	1 37	4 5
M 4	7 27	11 6	0 s22	7 26	2 54	13 53	-		2 6		0 15	7 9	2 19	18 22	0 42			5 57	13 19	12 48	13 6	27 33	1 34	4 5
T 5	7 5	5 8	1 33	7 57	2 36	13 29		23 19	2 6	5 23 30	0 15	7 11	2 19	18 23	0 42	21 4	0 33	5 58	13 18	12 48	13 7	27 34	1 31	4 5
W 6	6 43	1 s 1 0	2 41	8 27	2 17	13 4		23 26		23 30	0 15	7 13	2 19	18 23	0 42	21 3	0 33	5 58	13 18	12 49	13 8	27 34	1 28	4 4
T 7	6 20	7 32	3 40	8 54	1 57			23 32		23 30	0 16	7 16	2 18		0 41		0 33		13 17			27 34	1 25	4 4
F 8	5 58	13 37	4 28	9 19	1 38	12 14		23 39		5 23 30	0 16	7 18	2 18	18 24	0 41		0 33	6 0	13 17				1 22	4 4
S 9	5 35	19 5	5 0	9 40	1 19	11 49	1 16	23 45	2 6	5 23 30	0 16	7 21	2 18	18 25	0 41	21 3	0 33	6 0	13 16	12 51	13 12	27 35	1 19	4 4
S 10	5 12	23 31	5 14	9 58	1 0	11 23	1 17	23 51	2 6	23 30	0 16	7 23	2 18	18 25	0 41	21 2	0 33	6 1	13 16	12 52	13 13	27 35	1 15	4 3
M11	4 50	26 34	5 9	10 12	0 41	10 57	1 18	23 57	2 6	23 30	0 16	7 25	2 18	18 25	0 41	21 2	0 33	6 2	13 15	12 53	13 14	27 36	1 12	4 3
T 12	4 27	27 55	4 45	10 22	0 23	10 30	1 19	24 3	2 6	23 30	0 16	7 28	2 18	18 26	0 41	21 2	0 33	6 3	13 15	12 53	13 15	27 36	1 9	4 3
W13	4 4	27 26	4 4	10 28	0 6	10 3	1 20	24 8	2 5	23 30	0 16	7 30	2 18	18 26	0 41	21 2	0 33	6 3	13 14	12 52	13 16	27 36	1 6	4 3
T 14	3 41	25 10	3 8	10 30	0n10	9 36	1 21	24 14	2 5	23 30	0 16	7 33	2 17	18 27	0 41	21 1	0 33	6 4	13 14	12 52	13 17	27 37	1 3	4 2
F 15	3 18	21 24	2 1	10 28	0 25	9 9	1 22	24 19	2 5	23 30	0 16	7 35	2 17	18 27	0 41	21 1	0 33	6 5	13 13	12 51	13 18	27 37	1 0	4 2
S 16	2 55	16 27	0 48	10 21	0 39	8 41	1 22	24 24	2 5	23 30	0 16	7 38	2 17	18 28	0 41	21 1	0 33	6 6	13 13	12 51	13 19	27 37	0 56	4 2
S 17	2 31	10 44	0n27	10 11	0 51	8 14	1 23	24 29	2 5	23 30	0 16	7 40	2 17	18 28	0 41	21 1	0 33	6 6	13 12	12 51	13 20	27 38	0 53	4 2
M18	2 8	4 36	1 39	9 56	1 3	7 46	1 24	24 34	2 5	23 30	0 16	7 43	2 17	18 28	0 41	21 0	0 33	6 7	13 12	12 51	13 21	27 38	0 50	4 2
T 19	1 45	1n37	2 45	9 38	1 13	7 17	1 24	24 38	2 4	1 23 30	0 16	7 45	2 17	18 29	0 41	21 0	0 33	6 8	13 12	12 52	13 22	27 38	0 47	4 1
W20	1 21	7 38	3 40	9 16	1 22	6 49	1 25	24 43	2 4	1 23 30	0 17	7 48	2 17	18 29	0 41	21 0	0 33	6 9	13 11	12 54	13 23	27 38	0 43	4 1
T 21	0 58	13 13	4 23	8 51	1 30	6 20	1 25	24 47	2 4	23 29	0 17	7 50	2 17	18 29	0 41	21 0	0 33	6 9	13 11	12 55	13 24	27 39	0 40	4 1
F 22	0 35	18 9	4 53	8 23	1 36	5 51	1 26	24 51	2 4	1 23 29	0 17	7 53	2 16	18 30	0 41	21 0	0 33	6 10	13 10	12 57	13 25	27 39	0 37	4 1
S 23	0 11	22 14	5 9	7 52	1 42	5 22	1 26	24 55	2 3	3 23 29	0 17	7 55	2 16	18 30	0 41	20 59	0 33	6 11	13 10	12 59	13 26	27 39	0 34	4 1
S 24	0 s12	25 18	5 10	7 18	1 46	4 53	1 26	24 58	2 3	23 29	0 17	7 58	2 16	18 30	0 41	20 59	0 33	6 12	13 9	13 1	13 28	27 39	0 31	4 1
M25	0 36	27 13	4 58	6 43	1 49	4 24	1 26	25 1	2 3	23 29	0 17	8 0	2 16	18 31	0 41	20 59	0 33	6 13	13 9	13 2	13 29	27 40	0 27	4 1
T 26	0 59	27 54	4 33	6 5	1 52	3 54	1 26	25 5	2 3	23 29	0 17	8 3	2 16	18 31	0 41	20 59	0 33	6 13	13 9	13 3	13 30	27 40	0 24	4 0
W27	1 23	27 17	3 57	5 26	1 53	3 24	1 26	25 8	2 2	2 23 28	0 17	8 5	2 16	18 31	0 41	20 59	0 33	6 14	13 8	13 3	13 31	27 40	0 21	4 0
T 28	1 46	25 23	3 10	4 45	1 54	2 55	1 26	25 10	2 2	2 23 28	0 17	8 8	2 16	18 32	0 41	20 59	0 33	6 15	13 8	13 2	13 32	27 40	0 18	4 0
F 29	2 9	22 19	2 14	4 3	1 53	2 25	1 26	25 13	2 2	2 23 28	0 17	8 11	2 16	18 32	0 41	20 58	0 33	6 16	13 7	13 2	13 33	27 40	0 14	4 0
S 30	2 s33	18n12	1n10	3n20	1n53	1n55	1n26	25 s15	2 s	23 s28	0s17	8s13	2n16	18 s32	0s41	20n58	0 s33	6s16	13n 7	13 s 1	13 s34	27n41	0n11	4s 0

Julian Day Number = 2359381.5, Delta T = 15.33 sec Ecliptic obliquity =  $23^{\circ}28'27$ , Nutation =  $0^{\circ}00'10$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $21^{\circ}13'03$ , Lahiri =  $20^{\circ}20'03$ Greg. Calendar

OCTOBER 1747 00:00 UT

•••	· · · · - ·	• •													00.0	•
Day	Sid.t	0	D	ğ	φ	♂	4	ħ	)Å(	并	В	ß	Ω	Ç	ę ,	Day
S 1	0 37 18	7 <b>₽</b> 23'40	25 <b>Ω</b> 13	27 <b>m</b> 44	29 <b>m</b> 45	22 <b>х</b> 43	8 <b>궁</b> 57	26 <b>₽</b> 52	9°R35	2395 2	24M56	25°R33	23≈53	19 <b>Ⅱ</b> 23	20 <b>m</b> 25	S 1
M 2	0 41 14	8°22'49	8 <b>m</b> ) 17	29°31	1₾ 0	23°25	9° 2	26°59	9 <b>≈</b> 34	23° 3	24°58	25≈33	23°49	19°30	20°33	M 2
T 3	0 45 11	9°22'01	21°44	1 <b>≏</b> 18	2°15	24° 6	9° 7	27° 6	9°33	23° 4	25° 0	25°30	23°46	19°36	20°42	T 3
W 4	0 49 7	10°21'14	5 <b>₾</b> 33	3° 5	3°30	24°48	9°13	27°13	9°32	23° 4	25° 1	25°25	23°43	19°43	20°50	W 4
T 5	0 53 4	11°20'30	19°43	4°52	4°45	25°30	9°18	27°20	9°31	23° 5	25° 3	25°19	23°40	19°50	20°59	T 5
F 6	0 57 1	12°19'47	4M 7	6°39	6° 0	26°13	9°24	27°27	9°31	23° 6	25° 5	25°11	23°37	19°57	21° 7	F 6
S 7	1 0 57	13°19'07	18°39	8°25	7°15	26°55	9°30	27°34	9°30	23° 6	25° 7	25° 3	23°33	20° 3	21°16	S 7
S 8	1 4 54	14°18'29	3 <b>∡</b> 14	10°10	8°30	27°37	9°36	27°41	9°30	23° 7	25° 9	24°57	23°30	20°10	21°24	S 8
M 9	1 8 50	15°17'52	17°44	11°55	9°45	28°20	9°42	27°49	9°29	23° 8	25°11	24°52	23°27	20°17	21°32	M 9
T 10	1 12 47	16°17'17	2중 5	13°39	11° 0	29° 2	9°48	27°56	9°28	23° 8	25°13	24°49	23°24	20°23	21°41	T 10
W11	1 16 43	17°16'44	16°13	15°23	12°15	2 <u>9</u> °45	9°55	28° 3	9°28	23° 9	25°15	24°D48	23°21	20°30	21°49	W11
T 12	1 20 40	18°16'13	0≈ 9	17° 6	13°30	0 <b>궁</b> 28	10° 1	28°10	9°28	23° 9	25°17	24°48	23°18	20°37	21°57	T 12
F 13	1 24 36	19°15'43	13°51	18°48	14°45	1°10	10° 8	28°17	9°27	23°10	25°19	24°49	23°14	20°44	22° 5	F 13
S 14	1 28 33	20°15'15	27°21	20°30	16° 0	1°53	10°15	28°25	9°27	23°10	25°21	24°R50	23°11	20°50	22°13	S 14
S 15	1 32 30	21°14'49	10 <b>∺</b> 38	22°11	17°15	2°37	10°22	28°32	9°27	23°11	25°23	24°48	23° 8	20°57	22°22	S 15
M16	1 36 26	22°14'25	23°44	23°52	18°30	3°20	10°29	28°39	9°26	23°11	25°25	24°45	23° 5	21° 4	22°30	M16
T 17	1 40 23	23°14'02	6 <b>Ƴ</b> 39	25°32	19°46	4° 3	10°37	28°46	9°26	23°12	25°27	24°39	23° 2	21°10	22°38	T 17
W18	1 44 19	24°13'41	19°23	27°11	21° 1	4°46	10°44	28°53	9°26	23°12	25°29	24°30	22°59	21°17	22°46	W18
T 19	1 48 16	25°13'23	1855	28°49	22°16	5°30	10°52	29° 1	9°26	23°12	25°31	24°19	22°55	21°24	22°54	T 19
F 20	1 52 12	26°13'06	14°17	0 <b>M</b> 27	23°31	6°13	11° 0	29° 8	9°D26	23°12	25°33	24° 7	22°52	21°30	23° 2	F 20
S 21	1 56 9	27°12'52	26°27	2° 5	24°46	6°57	11° 8	29°15	9°26	23°13	25°36	23°56	22°49	21°37	23° 9	S 21
S 22	2 0 5	28°12'40	8 <b>Ⅱ</b> 28	3°42	26° 1	7°40	11°16	29°22	9°26	23°13	25°38	23°45	22°46	21°44	23°17	S 22
M23	2 4 2	29°12'30	20°23	5°18	27°17	8°24	11°24	29°30	9°26	23°13	25°40	23°36	22°43	21°51	23°25	M23
T 24	2 7 59	0 <b>M</b> .12'22	29913	6°54	28°32	9° 8	11°33	29°37	9°27	23°13	25°42	23°30	22°39	21°57	23°33	T 24
W25	2 11 55	1°12'16	14° 3	8°29	29°47	9°52	11°41	29°44	9°27	23°13	25°44	23°26	22°36	22° 4	23°41	W25
T 26	2 15 52	2°12'12	25°57	10° 4	1M 2	10°36	11°50	29°51	9°27	23°13	25°47	23°24	22°33	22°11	23°48	T 26
F 27	2 19 48	3°12'11	8 <b>N</b> 2	11°38	2°18	11°20	11°59	29°59	9°27	23°R13	25°49	23°D24	22°30	22°17	23°56	F 27
S 28	2 23 45	4°12'12	20°22	13°12	3°33	12° 4	12° 7	OM 6	9°28	23°13	25°51	23°R25	22°27	22°24	24° 3	S 28
S 29	2 27 41	5°12'15	3 Mp 2	14°45	4°48	12°48	12°17	0°13	9°28	23°13	25°53	23°24	22°24	22°31	24°11	S 29
M30	2 31 38	6°12'20	16° 6	16°18	6° 3	13°33	12°26	0°20	9°29	23°13	25°56	23°22	22°20	22°38	24°18	M30
T 31	2 35 34	7 <b>M</b> 12'27	29 <b>m</b> 39	17 <b>M</b> 50	7 <b>M</b> .19	14 <b>궁</b> 17	12 <b>る</b> 35	0 <b>M</b> 28	9≈29	239513	25 <b>M</b> 58	23≈18	22≈17	22 <b>II</b> 44	24 Mp 26	T 31

Day	0	D	ğ	·	♂	24	ħ	)Å(	并	Р	n	u	Ç	ķ
	decl	decl lat	decl lat	decl lat d	cl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl	decl	decl	decl lat
S 1 M 2	2 s 5 6	13n10 On 2						5 18 s32 0 s41		6s17 13n 7		13 s35 13 36		0n 8 4s
T 3	3 20 3 43	7 25 1s 8 1 12 2 17				1 23 27 0 1 0 23 27 0 1		5 18 32 0 41 5 18 33 0 41						$\begin{bmatrix} 0 & 5 & 4 \\ 0 & 1 & 4 \end{bmatrix}$
W 4	4 6	5s15 3 19				23 27 0 1				0 17 10 0			27 41	0s 2 3 5
T 5	4 30	11 35 4 10				23 26 0 1							27 41	0 5 3 5
F 6		17 24 4 47				23 26 0 1		5 18 33 0 41					27 42	0 8 3 5
S 7	5 16	22 17 5 5	1 57 1 31	1 36 1 23 25	25 1 59	23 26 0 1	8 8 31 2 1	18 33 0 41	20 57 0 33	6 22 13 4	13 11	13 41	27 42	0 12 3 5
S 8	5 39	25 48 5 4	2 43 1 26	5 2 7 1 23 25	26 1 58	3 23 25 0 1	8 8 34 2 1	18 33 0 41	20 57 0 33	6 23 13 4	13 14	13 42	27 42	0 15 3 5
M 9	6 2	27 36 4 43	3 29 1 21	2 37 1 22 25	26 1 58	3 23 25 0 1	8 8 36 2 1	5 18 34 0 41	20 57 0 33	6 23 13 4	13 15	13 43	27 42	0 18 3 5
T 10	6 25	27 32 4 5	4 14 1 15	5 3 7 1 21 <b>25</b>	26 1 58	3 24 0 1	8 8 39 2 1	18 34 0 41	20 57 0 33	6 24 13 3	13 16	13 44	27 42	0 21 3 5
W11	6 48					7 23 24 0 1					13 17			0 24 3 5
T 12		22 14 2 8				7 23 24 0 1					13 16			0 28 3 5
F 13						5 23 23 0 1		5 18 34 0 41			13 16			0 31 3 5
S 14	7 56	12 12 0n13	7 13 0 52	2 5 7 1 17 25	24 1 56	5 23 23 0 1	8 8 49 2 1	5 18 34 0 41	20 57 0 33	6 27 13 2	13 16	13 49	27 42	0 34 3 5
S 15	8 18	6 18 1 24	7 57 0 45	5 5 37 1 16 25	22 1 55	5 23 22 0 1	8 8 52 2 1	18 34 0 41	20 57 0 33	6 28 13 2	13 16	13 50	27 42	0 37 3 5
M16	8 40	0 13 2 28				5 23 22 0 1					13 18			0 40 3 5
T 17	9 2	5n46 3 24									13 20			0 43 3 5
W18	9 24	11 26 4 9				23 21 0 1			20 56 0 33		13 22			0 47 3 5
T 19	9 46					3 23 20 0 1			20 56 0 33		13 26			0 50 3 5
F 20		20 53 4 58				3 23 19 0 1			20 56 0 33		13 30			0 53 3 5
S 21			12 7 0 6			2 23 19 0 1			20 56 0 33		13 34			0 56 3 5
S 22			12 47 0s 1	9 1 1 7 25		2 23 18 0 1			20 56 0 33	6 33 13 0				0 59 3 5
M23 T 24	11 13 11 34				4 1 51 0 1 51				20 56 0 33 20 56 0 33	6 34 12 59 6 35 12 59				1 2 3 5
W25	11 54		14 4 0 13			23 17 0 1			20 56 0 33	6 36 12 59			27 43	1 8 3 5
T 26			15 18 0 28			23 15 0 1			20 56 0 33	6 36 12 59			27 43	1 11 3 5
F 27	-	19 35 1 21		5 11 22 0 59 24		23 15 0 1			20 56 0 33	6 37 12 58			27 43	1 14 3 5
S 28			16 29 0 41		-	23 14 0 1			20 56 0 33	6 38 12 58	_		27 43	1 17 3 5
S 29	13 17	9 37 0s51	17 3 0 48			3 23 13 0 1	9 28 2 1	18 33 0 40	20 56 0 33	6 38 12 58			27 43	1 20 3 5
M30	13 37			1 12 43 0 54 24		7 23 12 0 1			20 56 0 33	6 39 12 58				1 23 3 5
T 31	13 s56	2 s 3 6 2 s 5 9	18s 9 1s 1	13 s10 0n52 24:	29 1 s47	7 23 s12 0 s1	9 9s33 2n1:	5 18 s33 0 s40	20n56 0s33	6 s40 12n57	13 s46	14s 6	27n42	1 s26 3 s5

NOVEMBER 1747 00:00 UT

Day	Sid.t	0	D	ğ	Q	ð	4	ħ	)∤(	卉	Р	u	Ω	Ç	, k	Day
W 1	2 39 31	8ML12'36	13 <b>≏</b> 40	19 <b>M</b> 22	8 <b>M</b> .34	15ට 1	12 <b>る</b> 44	0 <b>M</b> .35	9 <b>≈</b> 30	23°R13	26M 0	23°R11	22≈14	22 <b>II</b> 51	24 <b>m</b> 33	W 1
T 2	2 43 27	9°12'47	28° 6	20°54	9°49	15°46	12°54	0°42	9°31	239512	26° 3	23≈ 1	22°11	22°58	24°40	T 2
F 3	2 47 24	10°13'00	12 <b>M</b> 53	22°25	11° 5	16°31	13° 4	0°49	9°31	23°12	26° 5	22°50	22° 8	23° 4	24°47	F 3
S 4	2 51 21	11°13'15	27°52	23°56	12°20	17°15	13°13	0°57	9°32	23°12	26° 7	22°38	22° 5	23°11	24°55	S 4
S 5	2 55 17	12°13'32	12 <b>√</b> 52	25°27	13°35	18° 0	13°23	1° 4	9°33	23°12	26° 9	22°28	22° 1	23°18	25° 2	S 5
M 6	2 59 14	13°13'50	27°46	26°57	14°51	18°45	13°33	1°11	9°34	23°11	26°12	22°19	21°58	23°24	25° 9	M 6
T 7	3 3 10	14°14'10	12 <b>る</b> 25	28°26	16° 6	19°30	13°43	1°18	9°35	23°11	26°14	22°14	21°55	23°31	25°16	T 7
W 8	3 7 7	15°14'31	26°44	29°56	17°21	20°14	13°54	1°25	9°36	23°11	26°17	22°11	21°52	23°38	25°22	W 8
T 9	3 11 3	16°14'54	10≈42	1 <b>₹</b> 24	18°37	20°59	14° 4	1°32	9°37	23°10	26°19	22°10	21°49	23°45	25°29	T 9
F 10	3 15 0	17°15'18	24°19	2°53	19°52	21°44	14°14	1°39	9°38	23°10	26°21	22°10	21°45	23°51	25°36	F 10
S 11	3 18 57	18°15'43	7 <b>∺</b> 38	4°20	21° 7	22°29	14°25	1°46	9°39	23° 9	26°24	22° 9	21°42	23°58	25°43	S 11
S 12	3 22 53	19°16'09	20°40	5°48	22°23	23°15	14°36	1°54	9°40	23° 9	26°26	22° 7	21°39	24° 5	25°49	S 12
M13	3 26 50	20°16'37	<b>3Υ</b> 28	7°15	23°38	24° 0	14°46	2° 1	9°41	23° 8	26°28	22° 2	21°36	24°11	25°56	M13
T 14	3 30 46	21°17'07	16° 4	8°41	24°53	24°45	14°57	2° 8	9°42	23° 8	26°31	21°54	21°33	24°18	26° 2	T 14
W15	3 34 43	22°17'37	28°31	10° 6	26° 9	25°30	15° 8	2°15	9°44	23° 7	26°33	21°43	21°30	24°25	26° 9	W15
T 16	3 38 39	23°18'09	10848	11°31	27°24	26°15	15°19	2°21	9°45	23° 6	26°36	21°30	21°26	24°31	26°15	T 16
F 17	3 42 36	24°18'43	22°58	12°55	28°39	27° 1	15°30	2°28	9°46	23° 6	26°38	21°15	21°23	24°38	26°21	F 17
S 18	3 46 32	25°19'18	5 <b>I</b> I 0	14°19	29°55	27°46	15°42	2°35	9°48	23° 5	26°40	21° 0	21°20	24°45	26°27	S 18
S 19	3 50 29	26°19'55	16°57	15°41	1 <b>才</b> 10	28°32	15°53	2°42	9°49	23° 4	26°43	20°47	21°17	24°52	26°33	S 19
M20	3 54 26	27°20'33	28°48	17° 2	2°25	29°17	16° 5	2°49	9°51	23° 3	26°45	20°35	21°14	24°58	26°39	M20
T 21	3 58 22	28°21'13	10937	18°21	3°41	0≈ 2	16°16	2°56	9°53	23° 3	26°47	20°27	21°11	25° 5	26°45	T 21
W22	4 2 19	29°21'55	22°26	19°40	4°56	0°48	16°28	3° 3	9°54	23° 2	26°50	20°21	21° 7	25°12	26°51	W22
T 23	4 6 15	0 <b>∡</b> 122'38	4Ω19	20°56	6°12	1°34	16°39	3° 9	9°56	23° 1	26°52	20°18	21° 4	25°18	26°57	T 23
F 24	4 10 12	1°23'22	16°22	22°11	7°27	2°19	16°51	3°16	9°58	23° 0	26°55	20°D17	21° 1	25°25	27° 2	F 24
S 25	4 14 8	2°24'08	28°37	23°24	8°42	3° 5	17° 3	3°23	9°59	22°59	26°57	20°R17	20°58	25°32	27° 8	S 25
S 26	4 18 5	3°24'55	11 <b>m</b> 12	24°34	9°58	3°50	17°15	3°29	10° 1	22°58	26°59	20°17	20°55	25°38	27°13	S 26
M27	4 22 1	4°25'44	24°11	25°41	11°13	4°36	17°27	3°36	10° 3	22°57	27° 2	20°15	20°51	25°45	27°19	M27
T 28	4 25 58	5°26'35	7 <b>≏</b> 38	26°45	12°28	5°22	17°39	3°43	10° 5	22°56	27° 4	20°12	20°48	25°52	27°24	T 28
W29	4 29 55	6°27'27	21°36	27°45	13°44	6° 8	17°51	3°49	10° 7	22°55	27° 7	20° 5	20°45	25°59	27°29	W29
T 30	4 33 51	7 <b>.</b> ₹28'20	6M 3	28 <b>×</b> 741	14 <b>×7</b> 59	6≈53	18 <b>る</b> 4	3 <b>M</b> .56	10≈ 9	22954	27 <b>m</b> 9	19≈56	20≈42	26 <b>II</b> 5	27 <b>m</b> /34	T 30

Day	0	D		ğ	1	ç	)	a	7	2	4	ŧ	ì	)	f(	<del>,</del>		E	)	ß	u	Ç	ď	;
	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
W 1 T 2	14s16 14 35			18 s 40 19 11	1 s 7	13 s36		24 s23 24 17		23 s11 23 10	0s19 0 19	9s35 9 38		18 s33 18 32		20n56 20 56	0 s33 0 33			13 s49 13 52		27n42 27 42	1 s29 1 32	3 s59 3 59
F 3				19 41	-	14 27	0 46			23 9		9 40		18 32		20 56	0 33	-		13 56			1 35	
S 4	15 13	24 34	4 59	20 9	1 25	14 52	0 44	24 5	1 44	23 8	0 19	9 43	2 15	18 32	0 40	20 56	0 33	6 43	12 57	13 59	14 10	27 42	1 38	3 59
S 5	15 32	27 2	4 42	20 37	1 31	15 17	0 42	23 58	1 44	23 7	0 19	9 45	2 15	18 32	0 40	20 56	0 33	6 43	12 56	14 3	14 11	27 42	1 41	3 59
M 6	15 50	27 33	4 6	21 4	1 36	15 41		23 52		23 6	0 19	9 48	2 15			20 56	0 33	6 44	12 56	-		27 42	1 44	3 59
T 7	16 8		3 13		1 42	16 5		23 45		23 5		9 50		18 31		20 56	0 33		12 56			27 42	1 46	3 59
W 8	16 26			21 54	1 47			23 37				9 52		18 31		20 56	0 33		12 56			27 42	1 49	3 59
T 9				22 18	1 52			23 30	1 41		-	9 55		18 31		20 56	0 33		12 56	-		27 41	1 52	3 59
F 10 S 11	17 1 17 17			22 40 23 2	1 57 2 1			23 22 23 14	1 40 1 40	_	0 20 0 20	9 57 10 0		18 30 18 30		20 56 20 57	0 33 0 33		12 56 12 56	-		27 41 27 41	1 55 1 57	3 59 4 0
	1/1/	/ 28	1 21	23 2	2 1	17 36	0 29	23 14	1 40	23 1	0 20	10 0	2 13	16 30	0 40	20 37	0 33	0 4/	12 30	14 9	14 1/	2/ 41	1 3/	4 0
S 12	17 34		2 24			17 58	0 26		1 39					18 30		20 57	0 33			14 9			2 0	4 0
M13	17 50	-		23 41	2 9	-	-	22 57		22 59		-		18 29		20 57	0 33			14 11			2 3	4 0
T 14	18 6			23 58	2 13			22 49		22 58				18 29		20 57	0 33			14 14			2 5	4 0
W15	-			24 15	2 17			22 40		22 57	0 20		2 15	-		20 57	0 33					27 40	2 8	4 0
T 16		-	-	24 30	2 20	-		22 30		22 55	0 20	-		18 28		20 57	0 33					27 40	2 11	4 0
F 17 S 18				24 44 24 57	2 22	19 39 19 58		22 21 22 11		22 54		10 14		18 28		20 57	0 33					27 40 27 40	2 13 2 16	4 0
5 10	19 /	25 55	4 31	24 37	2 23	19 38	0 12	22 11		22 53		10 16	2 10	18 27	0 40	20 57	0 33	0 32	12 33	14 31	14 25	27 40	2 10	4 0
S 19	19 22		4 29		2 27		0 10			22 52		10 18		18 27		20 57	0 33					27 40	2 18	4 0
M20				25 18	2 28			21 51		22 50	-	10 20		18 27		20 57	0 33					27 39	2 21	4 1
T 21				25 26	2 29			21 41		22 49	0 20			18 26		20 58	0 33					27 39	2 23	4 1
W22				25 33	2 29			21 30		22 48		10 25		18 26		20 58	0 33					27 39	2 26	4 1
-				25 39		21 22		21 19		22 46		10 27		18 25		20 58	0 33			14 44			2 28	4 1
F 24 S 25	20 28			25 43 25 46		21 37	0s 2	21 8 20 57		22 45	0 20			18 25		20 58	0 33		-	14 45		27 38	2 30 2 33	4 1
	20 40	11 1/	US44	25 46	2 21	21 51				22 43		10 31	2 10	18 24	0 39	20 58	0 33	0 33	12 34	14 45	14 32	27 38	2 33	4 1
	20 52			25 47	2 25	-		20 46		22 42				18 24		20 58	0 33					27 38	2 35	4 1
M27	21 4			25 46	2 22	-		20 34		22 40				18 23		20 59	0 33		-	14 45			2 37	4 2
_	21 15			25 45		22 31		20 22		22 39				18 23		20 59	0 33			14 46			2 40	4 2
	21 25	-	-	25 41		22 43	-	20 10		22 37				18 22		20 59	0 33			14 48			2 42	4 2
1 30	21 s35	18 s10	4 s 5 3	25 s37	2s 9	22 s54	0sl6	19 s58	1 s26	22 s36	0 s21	10 s42	2n17	18 s21	0s39	20n59	0 s33	6s58	12n54	14 s51	14 s37	27n37	2 s44	4 s 2

Julian Day Number = 2359442.5, Delta T = 15.38 sec Ecliptic obliquity =  $23^{\circ}28'27$ , Nutation =  $0^{\circ}00'09$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $21^{\circ}13'11$ , Lahiri =  $20^{\circ}20'12$ Greg. Calendar

DECEMBER 1747 00:00 UT

Day	Sid.t	0	D	ğ	Q	δ	4	ħ	)∤(	卉	Р	R	ស	Ç	ę,	Day
F 1	4 37 48	8 <b>×</b> 129'15	20M56	29 <b>×</b> <sup>7</sup> 32	16 <b>×</b> 15	7≈39	18 <b>궁</b> 16	4M 2	10≈11	22°R53	27 <b>M</b> 11	19°R46	20≈39	26 <b>I</b> I12	27 <b>m</b> 39	F 1
S 2	4 41 44	9°30'11	6 <b>才</b> 7	0 <b>궁</b> 18	17°30	8°25	18°28	4° 8	10°13	22952	27°14	19 <b>≈</b> 35	20°36	26°19	27°44	S 2
S 3	4 45 41	10°31'08	21°24	0°57	18°45	9°11	18°41	4°15	10°15	22°51	27°16	19°25	20°32	26°25	27°49	S 3
M 4	4 49 37	11°32'06	6 <b>국</b> 38	1°29	20° 1	9°57	18°53	4°21	10°17	22°50	27°18	19°16	20°29	26°32	27°54	M 4
T 5	4 53 34	12°33'05	21°36	1°53	21°16	10°43	19° 6	4°27	10°19	22°48	27°21	19°11	20°26	26°39	27°58	T 5
W 6	4 57 30	13°34'05	6≈14	2° 8	22°32	11°29	19°19	4°33	10°22	22°47	27°23	19°8	20°23	26°45	28° 3	W 6
T 7	5 1 27	14°35'05	20°25	2°R14	23°47	12°15	19°31	4°40	10°24	22°46	27°25	19°D 8	20°20	26°52	28° 7	T 7
F 8	5 5 24	15°36'06	4 <b>)(</b> 10	2° 9	25° 2	13° 1	19°44	4°46	10°26	22°45	27°28	19° 8	20°17	26°59	28°12	F 8
S 9	5 9 20	16°37'07	17°30	1°53	26°18	13°47	19°57	4°52	10°29	22°43	27°30	19°R 8	20°13	27° 6	28°16	S 9
S 10	5 13 17	17°38'09	0Υ28	1°26	27°33	14°33	20°10	4°58	10°31	22°42	27°32	19° 8	20°10	27°12	28°20	S 10
M11	5 17 13	18°39'11	13° 9	0°47	28°48	15°19	20°23	5° 4	10°33	22°41	27°34	19° 4	20° 7	27°19	28°24	M11
T 12	5 21 10	19°40'13	25°35	29 <b>×</b> 757	0る 4	16° 5	20°36	5°10	10°36	22°39	27°37	18°59	20° 4	27°26	28°28	T 12
W13	5 25 6	20°41'17	7 <b>8</b> 49	28°56	1°19	16°51	20°49	5°15	10°38	22°38	27°39	18°51	20° 1	27°32	28°32	W13
T 14	5 29 3	21°42'20	19°55	27°47	2°34	17°37	21° 2	5°21	10°41	22°37	27°41	18°41	19°57	27°39	28°35	T 14
F 15	5 32 59	22°43'25	1 <b>II</b> 55	26°31	3°50	18°23	21°16	5°27	10°44	22°35	27°43	18°30	19°54	27°46	28°39	F 15
S 16	5 36 56	23°44'29	13°50	25°10	5° 5	19° 9	21°29	5°32	10°46	22°34	27°46	18°18	19°51	27°52	28°42	S 16
S 17	5 40 53	24°45'35	25°42	23°47	6°20	19°55	21°42	5°38	10°49	22°32	27°48	18° 8	19°48	27°59	28°46	S 17
M18	5 44 49	25°46'41	7932	22°25	7°36	20°41	21°56	5°44	10°51	22°31	27°50	17°59	19°45	28° 6	28°49	M18
T 19	5 48 46	26°47'47	19°23	21° 7	8°51	21°27	22° 9	5°49	10°54	22°29	27°52	17°52	19°42	28°12	28°52	T 19
W20	5 52 42	27°48'54	1 <b>Q</b> 15	19°54	10° 6	22°13	22°22	5°54	10°57	22°28	27°54	17°48	19°38	28°19	28°55	W20
T 21	5 56 39	28°50'01	13°13	18°50	11°22	22°59	22°36	6° 0	11° 0	22°26	27°56	17°D47	19°35	28°26	28°58	T 21
F 22	6 0 35	29°51'09	25°18	17°55	12°37	23°46	22°49	6° 5	11° 3	22°25	27°59	17°47	19°32	28°33	29° 1	F 22
S 23	6 4 32	0 <b>る</b> 52'18	7 <b>m</b> 35	17°10	13°52	24°32	23° 3	6°10	11° 5	22°23	28° 1	17°48	19°29	28°39	29° 3	S 23
S 24	6 8 29	1°53'27	20° 8	16°36	15° 7	25°18	23°17	6°15	11°8	22°22	28° 3	17°49	19°26	28°46	29° 6	S 24
M25	6 12 25	2°54'36	3 <b>₾</b> 2	16°12	16°23	26° 4	23°30	6°20	11°11	22°20	28° 5	17°R50	19°23	28°53	29° 8	M25
T 26	6 16 22	3°55'46	16°21	15°59	17°38	26°50	23°44	6°25	11°14	22°19	28° 7	17°49	19°19	28°59	29°11	T 26
W27	6 20 18	4°56'57	0 <b>m</b> 7	15°D56	18°53	27°36	23°58	6°30	11°17	22°17	28° 9	17°46	19°16	29° 6	29°13	W27
T 28	6 24 15	5°58'08	14°22	16° 1	20° 9	28°22	24°12	6°35	11°20	22°15	28°11	17°42	19°13	29°13	29°15	T 28
F 29	6 28 11	6°59'20	29° 4	16°16	21°24	29° 8	24°25	6°40	11°23	22°14	28°13	17°36	19°10	29°19	29°17	F 29
S 30	6 32 8	8° 0'31	14 <b>₹</b> 6	16°38	22°39	29°54	24°39	6°45	11°26	22°12	28°15	17°30	19° 7	29°26	29°19	S 30
S 31	6 36 4	9ට 1'43	29 <b>×</b> 21	17 <b>√</b> 7	23 <b>궁</b> 54	0 <b>)</b> 40	24 <b>궁</b> 53	6 <b>M</b> .49	11 <b>≈</b> 29	229510	28 <b>M</b> .17	17≈24	19 <b>≈</b> 3	29 <b>Ⅲ</b> 33	29 <b>m</b> 21	S 31

Day	0	D	1	į (	?	ď	2	+	ħ	l	);	<del>j</del> (	卉		Р	Ð	ß	ţ	Ł	
	decl	decl lat	decl	lat decl	lat de	el lat	decl	lat	decl	lat	decl	lat	decl lat	de	cl lat	decl	decl	decl	decl	lat
	21 s45 21 54		25 s30 25 23				22 s34 22 33		10 s44 10 46		18 s21 18 20		20n59 0s 20 59 0		59 12n54 59 12 54				2 s46 2 48	4 s 2 4 2
S 3 M 4 T 5 W 6	22 12 22 20	26 44 3 25 24 3 2 21	25 14 5 25 3 1 24 52 3 24 39	1 35 23 32 1 24 23 39	0 26 19 0 28 18 3	6 1 23 53 1 22	22 31 22 29 2 22 28 2 22 26	0 21 0 21	10 48 10 50 10 52 10 54	2 17 2 17	18 20 18 19 18 18 18 18	0 39 0 39	21 0 0 21 0 0	33 7 33 7	59 12 54 0 12 54 0 12 54 1 12 55	15 4 15 6	14 41 14 42	27 36 27 35 27 35 27 35	2 50 2 52 2 54 2 56	4 3 4 3 4 3 4 3
T 7 F 8 S 9	22 35 22 42 22 48	8 46 1 19 2 43 2 25	23 52	0 41 23 58 0 25 24 3	0 37 17 3	12 1 19 58 1 19	22 24 22 22 22 20	0 21 0 21		2 18 2 18	18 17 18 17 18 16	0 39 0 39	21 1 0 21 1 0	33 7 33 7	1 12 55 2 12 55 2 12 55	15 6 15 6	14 45 14 46	27 34 27 34 27 34	2 58 3 0 3 2	4 3 4 3 4 4
T 12 W13	22 54 22 59 23 4 23 9 23 13	8 59 4 5 14 14 4 40 18 50 4 59	2 23 34 7 23 16 0 22 56 0 22 36 4 22 15	0n13 24 10 0 32 24 12 0 52 24 14	0 44 17 0 46 17	30 1 17 15 1 16 0 1 15	3 22 19 7 22 17 6 22 15 6 22 13 6 22 11	0 21 0 21 0 22 0 22 0 22	11 3 11 5 11 7	2 18 2 18 2 18	18 15 18 14 18 14 18 13 18 12	0 39 0 39 0 39	21 1 0 21 1 0 21 2 0	33 7 33 7 33 7	3 12 55 3 12 55 3 12 55 4 12 55 4 12 55	15 8 15 9 15 12	14 48 14 49 14 50		3 4 3 6 3 7 3 9 3 11	4 4 4 4 4 4 4 5
_	23 16 23 20		21 54	1 32 24 15	0 50 16 3	31 1 14	22 9	0 22	11 11 11 12		18 12 18 11	0 39 0 39			4 12 55 5 12 55				3 12 3 14	4 5 4 5
M18 T 19 W20 T 21 F 22	23 24 23 26 23 27 23 28	26 34 3 19 24 29 2 27 21 20 1 28 17 16 0 25 12 28 0s41	2 21 12 9 20 53 7 20 35 8 20 20 5 20 6 1 19 56	2 23 24 12 2 36 24 9 2 46 24 5 2 54 24 1 3 0 23 56	0 56 15 4 0 58 15 2 1 0 15 1 1 2 14 3 1 4 14 4	15 1 11 29 1 10 13 1 10 57 1 9 11 1 8	2 22 5 22 3 0 22 1 0 21 59 0 21 56 3 21 54 7 21 52	0 22 0 22 0 22 0 22 0 22	11 14 11 16 11 17 11 19 11 21 11 22 11 24	2 19 2 19 2 19 2 19 2 20 2 20 2 20	18 9 18 8 18 7 18 6	0 39 0 39 0 39 0 39 0 39	21 3 0 21 3 0 21 3 0 21 4 0 21 4 0	33 7 33 7 33 7 33 7 33 7	6 12 56	15 28 15 30 15 31 15 32 15 32	14 55 14 56 14 57 14 58 14 59	27 30 27 29 27 29 27 29	3 15 3 17 3 18 3 20 3 21 3 22 3 23	4 5 4 5 4 6 4 6 4 6 4 6
S 24 M25 T 26 W27 T 28 F 29	23 28 23 27	1 22 2 46 4s35 3 40 10 30 4 25 16 8 4 55 21 5 5 9 24 55 5 4	5 19 44 0 19 42 5 19 43 5 19 46 0 19 51 1 19 58	3 5 23 44 3 4 23 37 3 2 23 29 2 59 23 20 2 54 23 11 2 48 23 1	1 8 14 1 9 13 1 1 11 13 1 1 13 13 1 1 14 13 1 16 12 4	9 1 6 52 1 5 86 1 5 19 1 4 2 1 3	21 32 5 21 50 5 21 48 6 21 45 4 21 43 8 21 41 2 21 38 21 36	0 22 0 22 0 23 0 23 0 23 0 23	11 25	2 20 2 20 2 21 2 21 2 21 2 21 2 21 2 21	18 5 18 4 18 3 18 2 18 1 18 1	0 39 0 39 0 39 0 39 0 39 0 39	21 4 0 21 5 0 21 5 0 21 5 0 21 5 0 21 5 0 21 6 0	33 7 33 7 33 7 33 7 33 7	7 12 57 8 12 57 8 12 57 8 12 57 8 12 57	15 31 15 31 15 31 15 32 15 33 15 35	15 1 15 2 15 3 15 4 15 5 15 6	27 27 27 27 27 26 27 26 27 25 27 25 27 24	3 25 3 26 3 27 3 28 3 29 3 30 3 31	4 7 4 7 4 7 4 7 4 8 4 8 4 8
S 31	23 s10	27 s 19 3 s 5 1	20s17	2n35 22s39	1s18 12s	1 1s (	21 s33	0 s23	11 s35	2n21	17 s59	0s39	21n 6 0s	33 7s	9 12n58	15 s39	15 s 8	27n23	3 s32	4 s 8

 $\label{eq:Julian Day Number = 2359472.5, Delta T = 15.40 sec} \\ Ecliptic obliquity = 23°28'26, Nutation = 0°00'09, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 21°13'15, Lahiri = 20°20'16Greg. Calendar$