

# Astrodienst Ephemeris Tables for the year 1707

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 1707 00:00 UT

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Day	Sid.t	0	D	ğ	·	ð	4	ħ	)∤(	并	В	រា	ນ	Ç	ķ	Day
S 1	6 39 43	9 <b>궁</b> 59'55	4 <b>₹</b> 31	26°R18	15≈36	24 <b>8</b> 55	0°R44	27°R31	12°R25	18 <b>Y</b> 27	22°R46	3°R22	1859	11 <b>M</b> .13	3 <b>る</b> 8	S 1
S 2	6 43 40	11° 1'06	16°38	26 <b>궁</b> 11	15°53	24°57	0 <b>m</b> 41	27 <b>8</b> 28	12\$\Omega23	18°28	22 <b>N</b> 45	3 <b>8</b> 15	1°56	11°19	3°14	S 2
M 3	6 47 36	12° 2'17	28°57	25°53	16° 7	24°59	0°38	27°25	12°21	18°28	22°44	3° 5	1°53	11°26	3°21	M 3
T 4	6 51 33	13° 3'29	11 <b>云</b> 30	25°22	16°19	25° 3	0°34	27°22	12°19	18°28	22°43	2°53	1°50	11°33	3°27	T 4
W 5	6 55 30	14° 4'40	24°18	24°40	16°29	25° 7	0°31	27°20	12°16	18°28	22°42	2°40	1°46	11°39	3°33	W 5
T 6	6 59 26	15° 5'51	7≈18	23°47	16°36	25°11	0°27	27°17	12°14	18°28	22°41	2°27	1°43	11°46	3°39	T 6
F 7	7 3 23	16° 7'01	20°31	22°45	16°42	25°17	0°23	27°15	12°12	18°28	22°40	2°15	1°40	11°53	3°46	F 7
S 8	7 7 19	17° 8'11	3 <b>∺</b> 55	21°34	16°44	25°23	0°19	27°13	12°10	18°29	22°39	2° 6	1°37	11°59	3°52	S 8
S 9	7 11 16	18° 9'20	17°28	20°19	16°R45	25°30	0°15	27°10	12° 7	18°29	22°38	2° 0	1°34	12° 6	3°58	S 9
M10	7 15 12	19°10'28	1 <b>Υ</b> 11	19° 0	16°43	25°37	0°11	27° 8	12° 5	18°29	22°36	1°57	1°31	12°13	4° 4	M10
T 11	7 19 9	20°11'36	15° 2	17°41	16°38	25°46	0° 6	27° 6	12° 3	18°30	22°35	1°56	1°27	12°19	4°10	T 11
W12	7 23 5	21°12'43	29° 3	16°24	16°31	25°54	0° 1	27° 5	12° 0	18°30	22°34	1°56	1°24	12°26	4°16	W12
T 13	7 27 2	22°13'50	13813	15°11	16°21	26° 4	29 <b>Ω</b> 57	27° 3	11°58	18°31	22°33	1°55	1°21	12°32	4°22	T 13
F 14	7 30 59	23°14'55	27°30	14° 3	16° 9	26°14	29°51	27° 1	11°55	18°31	22°32	1°53	1°18	12°39	4°28	F 14
S 15	7 34 55	24°16'00	11 <b>Ⅱ</b> 54	13° 3	15°54	26°25	29°46	27° 0	11°53	18°32	22°30	1°49	1°15	12°46	4°34	S 15
S 16	7 38 52	25°17'04	26°18	12°12	15°37	26°36	29°41	26°58	11°51	18°32	22°29	1°41	1°12	12°52	4°40	S 16
M17	7 42 48	26°18'07	10939	11°29	15°17	26°48	29°35	26°57	11°48	18°33	22°28	1°31	1°8	12°59	4°46	M17
T 18	7 46 45	27°19'09	24°50	10°56	14°55	27° 0	29°30	26°56	11°46	18°34	22°26	1°19	1° 5	13° 6	4°52	T 18
W19	7 50 41	28°20'11	8 <b>Ω</b> 46	10°32	14°31	27°13	29°24	26°54	11°43	18°34	22°25	1° 6	1° 2	13°12	4°58	W19
T 20	7 54 38	29°21'12	22°22	10°17	14° 4	27°27	29°18	26°53	11°40	18°35	22°24	0°54	0°59	13°19	5° 4	T 20
F 21	7 58 35	0≈22'12	5 <b>m</b> 35	10°D11	13°36	27°41	29°12	26°53	11°38	18°36	22°22	0°43	0°56	13°26	5°10	F 21
S 22	8 2 31	1°23'11	18°25	10°13	13° 6	27°55	29° 6	26°52	11°35	18°36	22°21	0°35	0°52	13°32	5°16	S 22
S 23	8 6 28	2°24'10	ე <u>ი</u> 53	10°23	12°34	28°10	29° 0	26°51	11°33	18°37	22°20	0°30	0°49	13°39	5°21	S 23
M24	8 10 24	3°25'08	13° 4	10°39	12° 0	28°26	28°53	26°51	11°30	18°38	22°18	0°27	0°46	13°46	5°27	M24
T 25	8 14 21	4°26'05	25° 2	11° 2	11°26	28°42	28°47	26°50	11°28	18°39	22°17	0°26	0°43	13°52	5°33	T 25
W26	8 18 17	5°27'02	6ML52	11°31	10°50	28°58	28°40	26°50	11°25	18°40	22°16	0°26	0°40	13°59	5°39	W26
T 27	8 22 14	6°27'58	18°39	12° 6	10°14	29°15	28°33	26°50	11°22	18°41	22°14	0°26	0°37	14° 6	5°44	T 27
F 28	8 26 10	7°28'54	0 <b>₮</b> 30	12°45	9°37	29°33	28°26	26°D49	11°20	18°42	22°13	0°24	0°33	14°12	5°50	F 28
S 29	8 30 7	8°29'48	12°29	13°29	9° 0	29°51	28°19	26°50	11°17	18°43	22°11	0°20	0°30	14°19	5°55	S 29
S 30	8 34 3	9°30'42	24°41	14°17	8°23	0П 9	28°12	26°50	11°15	18°44	22°10	0°13	0°27	14°25	6° 1	S 30
M31	8 38 0	10≈31'35	7号 9	15중 8	7≈46	0Ⅲ27	$28\Omega$ 5	26850	11 <b>\O</b> 12	18 <b>Y</b> 45	22 <b>N</b> 8	0 <b>8</b> 3	0 <b>8</b> 24	14MJ32	6 පි	M31

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S 1	23 s 6	23 s39	2 s37	20 s31	0n25	15 s 12	1n 2	21n16	2n18	12n14	1n 4	17n37	2s 4	17n46	0n41	5n40	1 s43	23n41	10n20	12n40	12n11	16s 0	17 s32	5n55
S 2	23 1	26 16	3 28	20 15	0 43	14 55	1 15	21 16	2 19	12 15	1 4	17 37	2 4	17 47	0 41	5 40	1 43	23 41	10 20	12 37	12 10	16 3	17 31	5 55
M 3		27 39	4 10			14 39		21 17		12 17				17 47		5 40		23 42					17 31	5 55
T 4 W 5		27 39 26 11	4 41 4 58	19 46 19 35		14 22 14 7		21 19 21 20		12 18 12 20	1 5	17 36 17 36		17 48 17 48		5 40 5 40		23 42 23 43					17 31 17 30	5 55 5 56
T 6			5 0			13 52	_	21 20		12 20		17 35		17 49		5 40		23 44					17 30	5 56
F 7		19 12	4 46			13 37		21 23		12 23		17 35		17 50		5 40		23 44					17 30	5 56
S 8	22 23	14 4	4 17	19 13	2 33	13 22	2 35	21 24	2 20	12 24	1 6	17 35	2 3	17 50	0 41	5 40	1 43	23 45	10 22	12 13	12 3	16 20	17 29	5 56
S 9	22 15	8 13	3 32	19 10	2 48	13 9	2 50	21 26	2 20	12 26	1 6	17 35	2 2	17 51	0 41	5 41	1 43	23 46	10 22	12 11	12 2	16 23	17 29	5 56
M10	22 6		2 35	19 9		12 55		21 28		12 28	1 6			17 52				23 46					17 29	5 56
T 11 W12	21 58 21 48	4n35 10 55	1 28 0 15	19 9 19 11	-	12 43 12 30		21 30 21 32		12 30 12 32		17 34 17 34		17 52 17 53				23 47					17 28 17 28	5 57 5 57
T 13		16 46	0 13 0n59			12 30		21 32		12 32		17 34		17 54									17 28	5 57
F 14		21 46	2 11	19 18				21 37		12 36		17 34		17 55		-		23 49					17 27	5 57
S 15	21 18	25 28	3 14	19 24	3 28	11 58	4 19	21 40	2 21	12 38	1 8	17 34	2 1	17 55	0 42	5 42	1 42	23 49	10 23	12 7	11 56	16 41	17 27	5 58
S 16	21 7	27 31	4 5	19 30	3 26	11 48	4 35	21 42	2 21	12 40	1 8	17 34	2 0	17 56	0 42	5 42	1 42	23 50	10 24	12 5	11 55	16 43	17 26	5 58
M17		27 43	4 41	19 37	-	11 40		21 45		12 42	1 8			17 57		-		23 51					17 26	5 58
T 18 W19	20 44		4 58 4 57			11 32	-	21 48		12 44				17 57				23 51						5 58
T 20		22 53 18 29	4 40	19 54 20 2		11 25 11 18		21 51 21 54		12 46 12 48		17 34 17 34		17 58 17 59				23 52 23 53					17 23	5 59 5 59
F 21		13 19	4 7			11 13		21 57		12 51		17 34	1 59										17 24	5 59
S 22	19 53	7 42	3 23	20 20	2 45	11 8	6 1	22 0	2 20	12 53	1 9	17 34	1 59	18 0	0 42	5 44	1 42	23 54	10 25	11 42	11 48	17 0	17 23	5 59
S 23	19 39	1 56	2 30	20 29	2 35	11 4	6 14	22 4	2 20	12 56	1 9	17 34	1 58	18 1	0 42	5 44	1 42	23 55	10 25	11 40	11 47	17 3	17 23	6 0
M24	19 25		1 31	20 38						12 58		17 34	1 58					23 55					17 22	6 0
T 25 W26	19 11	,	0 29	20 47	-	10 59 10 57		22 10	2 20 2 19		-	17 34 17 34	1 58			-		23 56					17 22	6 0
T 27		14 22 18 55	0s34 1 35			10 57		22 14 22 17	2 19		-	17 34	1 58 1 57			-		23 56 23 57						6 1
F 28	-	22 46	2 32			10 56		22 21		13 8		17 35	1 57			-		23 58						6 1
S 29	18 10	25 41	3 23	21 17	1 31	10 57	7 20	22 24	2 19	13 11	1 10	17 35	1 57	18 5	0 42	5 47	1 41	23 58	10 26	11 36	11 40	17 20	17 20	6 2
S 30	17 54	27 28	4 6	21 23	1 21	10 58	7 29	22 28	2 18	13 13	1 11	17 35	1 57	18 6			1 41	23 59	10 26	11 34	11 39	17 23	17 19	6 2
M31	17 s38	27 s54	4 s 3 7	21 s28	1n10	11s 0	7n36	22n32	2n18	13n16	1n11	17n36	1 s56	18n 7	0n42	5n48	1 s41	24n 0	10n26	11n30	11n38	17 s26	17s18	6n 2

 $\label{eq:Julian Day Number = 2344528.5, Delta\ T = 12.21\ sec} \\ Ecliptic\ obliquity = 23°28'46, Nutation = -0°00'09, out-of-bounds\ declination\ in\ red \\$ 

FEBRUARY 1707 00:00 UT

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T 1	8 41 57	11≈32'27	19 <b>궁</b> 56	16 <b>ට</b> 3	7°R10	0 <b>П</b> 47	27°R58	26850	11°R 9	18 <b>Y</b> 46	22°R 7	29°R51	0821	14 <b>M</b> .39	6 <b>ට</b> 12	T 1
W 2	8 45 53	12°33'17	3≈ 1	17° 1	6≈34	1° 6	27 <b>Ω</b> 50	26°51	11 <b>Ω</b> 7	18°47	22 <b>N</b> 6	29 <b>Y</b> 38	0°18	14°45	6°17	W 2
T 3	8 49 50	13°34'07	16°23	18° 2	5°59	1°26	27°43	26°51	11° 4	18°48	22° 4	29°25	0°14	14°52	6°23	T 3
F 4	8 53 46	14°34'55	0 <b>∀</b> 1	19° 5	5°26	1°46	27°35	26°52	11° 1	18°49	22° 3	29°13	0°11	14°59	6°28	F 4
S 5	8 57 43	15°35'42	13°51	20°11	4°54	2° 7	27°28	26°53	10°59	18°51	22° 1	29° 4	0° 8	15° 5	6°33	S 5
S 6	9 1 39	16°36'27	27°48	21°19	4°23	2°28	27°20	26°54	10°56	18°52	22° 0	28°57	0° 5	15°12	6°39	S 6
M 7	9 5 36	17°37'11	11 <b>Y</b> 51	22°29	3°54	2°49	27°12	26°55	10°54	18°53	21°58	28°54	0° 2	15°19	6°44	M 7
T 8	9 9 32	18°37'53	25°56	23°41	3°28	3°11	27° 5	26°56	10°51	18°55	21°57	28°D53	29 <b>Y</b> 58	15°25	6°49	T 8
W 9	9 13 29	19°38'34	108 1	24°54	3° 3	3°33	26°57	26°57	10°48	18°56	21°55	28°53	29°55	15°32	6°54	W 9
T 10	9 17 26	20°39'12	24° 7	26°10	2°40	3°55	26°49	26°59	10°46	18°57	21°54	28°R53	29°52	15°39	6°59	T 10
F 11	9 21 22	21°39'50	8 <b>I</b> I11	27°27	2°20	4°18	26°41	27° 0	10°43	18°59	21°52	28°52	29°49	15°45	7° 4	F 11
S 12	9 25 19	22°40'25	22°14	28°45	2° 2	4°41	26°33	27° 2	10°41	19° 0	21°51	28°49	29°46	15°52	7° 9	S 12
S 13	9 29 15	23°40'59	69913	0≈ 5	1°46	5° 4	26°26	27° 3	10°38	19° 1	21°49	28°43	29°43	15°59	7°14	S 13
M14	9 33 12	24°41'30	20° 6	1°26	1°33	5°28	26°18	27° 5	10°36	19° 3	21°48	28°34	29°39	16° 5	7°19	M14
T 15	9 37 8	25°42'01	3 <b>Ω</b> 49	2°48	1°22	5°52	26°10	27° 7	10°33	19° 4	21°46	28°24	29°36	16°12	7°23	T 15
W16	9 41 5	26°42'29	17°21	4°12	1°14	6°16	26° 2	27° 9	10°31	19° 6	21°45	28°13	29°33	16°19	7°28	W16
T 17	9 45 2	27°42'56	0 <b>m</b> 37	5°36	1° 8	6°40	25°54	27°11	10°28	19° 7	21°43	28° 2	29°30	16°25	7°33	T 17
F 18	9 48 58	28°43'21	13°35	7° 2	1° 5	7° 5	25°46	27°13	10°26	19° 9	21°42	27°53	29°27	16°32	7°37	F 18
S 19	9 52 55	29°43'44	26°17	8°29	1°D 4	7°30	25°38	27°16	10°23	19°11	21°40	27°46	29°24	16°38	7°42	S 19
S 20	9 56 51	0 <b>):</b> 44'06	8 <b>≏</b> 41	9°58	1° 6	7°55	25°30	27°18	10°21	19°12	21°39	27°42	29°20	16°45	7°46	S 20
M21	10 0 48	1°44'26	20°50	11°27	1°10	8°21	25°22	27°21	10°18	19°14	21°37	27°40	29°17	16°52	7°51	M21
T 22	10 4 44	2°44'45	2 <b>M</b> 47	12°57	1°16	8°46	25°15	27°24	10°16	19°16	21°36	27°D40	29°14	16°58	7°55	T 22
W23	10 8 41	3°45'03	14°38	14°29	1°25	9°12	25° 7	27°26	10°14	19°17	21°35	27°40	29°11	17° 5	7°59	W23
T 24	10 12 37	4°45'19	26°26	16° 1	1°36	9°38	24°59	27°29	10°11	19°19	21°33	27°42	29° 8	17°12	8° 4	T 24
F 25	10 16 34	5°45'33	8 <b>∡</b> 17	17°35	1°49	10° 5	24°51	27°32	10° 9	19°21	21°32	27°R42	29° 4	17°18	8° 8	F 25
S 26	10 20 30	6°45'46	20°17	19° 9	2° 4	10°31	24°44	27°35	10° 7	19°23	21°30	27°41	29° 1	17°25	8°12	S 26
S 27	10 24 27	7°45'58	2 <b>ප</b> 30	20°45	2°21	10°58	24°36	27°38	10° 4	19°24	21°29	27°38	28°58	17°32	8°16	S 27
M28	10 28 24	8 <b>)</b> 46′08	15ਰ 1	22≈21	2≈40	11 <b>Ⅱ</b> 25	$24\Omega 29$	27842	10 <b>0</b> 2	19 <b>Y</b> 26	21 <b>\O</b> 27	27 <b>Y</b> 32	28 <b>Y</b> 55	17 <b>M</b> 38	8 <b>궁</b> 20	M28

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T 1	17 s21	26 s53 4 s56	21 s32 1			13n19 1n11		18n 8 0n42	5n48 1s41						6n 3
W 2	17 4	24 23 5 0	21 35 0	0 49 11 6 7 48	22 39 2 18	13 21 1 11	17 37 1 56	18 8 0 42	5 49 1 41	24 1 10 26	11 22	11 36	17 31	17 17	6 3
T 3	16 47	20 31 4 48	21 37 0	39 11 10 7 53	22 43 2 17	13 24 1 11	17 37 1 55	18 9 0 42	5 49 1 41	24 1 10 27	11 17	11 35	17 34	17 17	6 3
F 4	16 29	15 31 4 19	21 38 0	29 11 14 7 57	22 47 2 17	13 27 1 11	17 37 1 55	18 10 0 42	5 50 1 41	24 2 10 27	11 13	11 33	17 37	17 16	6 4
S 5	16 11	9 40 3 35	21 38 0	0 19 11 18 8 0	22 51 2 17	13 30 1 12	17 38 1 55	18 11 0 42	5 50 1 41	<b>24 3</b> 10 27	11 10	11 32	17 40	17 15	6 4
S 6	15 53	3 16 2 37	21 37 0	0 10 11 23 8 2	22 55 2 16	13 32 1 12	17 38 1 55	18 11 0 42	5 51 1 41	<b>24 3</b> 10 27	11 7	11 31	17 42	17 15	6 4
M 7	15 35	3n19 1 29	21 35 0	1 11 29 8 3	22 59 2 16	13 35 1 12	17 39 1 54	18 12 0 42	5 51 1 41	24 4 10 27	11 6	11 30	17 45	17 14	6 5
T 8	15 16	9 47 0 16	21 32 0	os 8 11 35 8 3	23 3 2 16	13 38 1 12	17 39 1 54	18 13 0 42	5 52 1 41	<b>24 4</b> 10 27	11 6	11 29	17 48	17 13	6 5
W 9	14 57	15 47 0n59	21 28 0	17 11 41 8 2	23 7 2 15	13 41 1 12	17 40 1 54	18 13 0 42	5 52 1 41	24 5 10 27	11 6	11 28	17 51	17 13	6 6
T 10	14 38	20 56 2 10	21 22 0	25 11 47 8 1	23 11 2 15	13 44 1 12	17 40 1 53	18 14 0 42	5 53 1 41	24 6 10 27	11 6	11 27	17 54	17 12	6 6
F 11	14 18	24 53 3 13	21 15 0	34 11 53 7 59	23 15 2 15	13 46 1 12	17 41 1 53	18 15 0 42	5 53 1 41	24 6 10 27	11 5	11 26	17 56	17 11	6 7
S 12	13 59	27 19 4 4	21 7 0	0 42 12 0 7 56	23 19 2 14	13 49 1 12	17 42 1 53	18 15 0 42	5 54 1 41	<b>24 7</b> 10 27	11 4	11 24	17 59	17 11	6 7
S 13	13 39	28 0 4 40	20 58 0	12 6 7 53	23 23 2 14	13 52 1 13	17 42 1 53	18 16 0 42	5 55 1 41	24 7 10 28	11 2	11 23	18 2	17 10	6 7
M14	13 19	26 55 5 0	20 48 0	56 12 13 7 49	23 27 2 14	13 55 1 13	17 43 1 52	18 17 0 42	5 55 1 41	24 8 10 28	10 59	11 22	18 5	17 9	6 8
T 15	12 58	24 13 5 2	20 36 1	1 3 12 20 7 44	23 30 2 13	13 58 1 13	17 44 1 52	18 18 0 42	5 56 1 41	24 8 10 28	10 55	11 21	18 7	17 9	6 8
W16	12 38	20 13 4 47	20 23 1	1 10 12 26 7 39	23 34 2 13	14 0 1 13	17 44 1 52	18 18 0 42	5 56 1 41	24 9 10 28	10 51	11 20	18 10	17 8	6 9
T 17	12 17	15 16 4 16	20 8 1	1 16 12 33 7 34	23 38 2 13	14 3 1 13	17 45 1 52	18 19 0 42	5 57 1 41	24 10 10 28	10 48	11 19	18 13	17 7	6 9
F 18	11 56	9 44 3 33	19 52 1	1 23 12 40 7 28	23 42 2 12	14 6 1 13	17 46 1 51	18 20 0 42	5 58 1 40	24 10 10 28	10 44	11 18	18 16	17 7	6 10
S 19	11 35	3 56 2 40	19 35 1	1 28 12 46 7 21	23 46 2 12	14 9 1 13	17 47 1 51	18 20 0 42	5 58 1 40	<b>24</b> 11 10 28	10 42	11 17	18 18	17 6	6 10
S 20	11 14	1 s 5 5 1 4 0	19 17 1	1 34 12 52 7 15	23 50 2 11	14 11 1 13	17 48 1 51	18 21 0 42	5 59 1 40	24 11 10 28	10 40	11 15	18 21	17 5	6 11
M21	10 52	7 35 0 37	18 57 1	1 39 12 58 7 8	23 53 2 11	14 14 1 13	17 48 1 50	18 22 0 42	6 0 1 40	24 12 10 28	10 40	11 14	18 24	17 4	6 11
T 22	10 31	12 54 0s28	18 36 1	1 43 13 4 7 0	23 57 2 11	14 17 1 13	17 49 1 50	18 22 0 42	6 0 1 40	24 12 10 28	10 39	11 13	18 26	17 4	6 12
W23	10 9	17 41 1 30	18 14 1	1 48 13 10 6 53	24 1 2 10	14 19 1 13	17 50 1 50	18 23 0 42	6 1 1 40	24 13 10 28	10 40	11 12	18 29	17 3	6 12
T 24	9 47	21 48 2 29	17 50 1	1 52 13 15 6 45	24 4 2 10	14 22 1 13	17 51 1 50	18 23 0 42	6 2 1 40	24 13 10 28	10 40	11 11	18 32	17 2	6 13
F 25	9 25	25 2 3 21	17 25 1	1 55 13 20 6 37	24 8 2 9	14 25 1 13	17 52 1 49	18 24 0 42	6 2 1 40	24 14 10 28	10 40	11 10	18 35	17 1	6 13
S 26	9 3	27 12 4 5	16 59 1	1 59 13 25 6 29	24 11 2 9	14 27 1 13	17 53 1 49	18 25 0 42	6 3 1 40	24 14 10 28	10 40	11 9	18 37	17 1	6 14
S 27	8 40	28 6 4 39	16 31 2	2 2 13 29 6 20	24 15 2 8	14 30 1 13	17 54 1 49	18 25 0 42	6 4 1 40	24 15 10 28	10 39	11 8	18 40	17 0	6 14
M28	8 s 1 8	27 s37 5 s 1	16s 2 2	2s 4 13s33 6n12	24n18 2n 8	14n32 1n14	17n55 1s49	18n26 0n42	6n 4 1s40	24n15 10n28	10n37	11n 6	$18\mathrm{s}43$	16 s 5 9	6n15

Julian Day Number = 2344559.5, Delta T = 12.19 sec Ecliptic obliquity = 23°28'46, Nutation = -0°00'07, out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^\circ39'05$ , Lahiri =  $19^\circ46'05$ Greg. Calendar

MARCH 1707 00:00 UT

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Day	Sid.t	0	D	ğ	φ	♂	4	ħ	)ұ(	并	В	ß	ນ	Ç	ę,	Day
T 1	10 32 20	9 <b>)(</b> 46'16	27 <b>궁</b> 53	23≈59	3≈ 1	11 <b>Ⅱ</b> 52	24°R21	27 <b>8</b> 45	10°R 0	19 <b>Υ</b> 28	21°R26	27°R25	28 <b>Y</b> 52	17 <b>ML</b> 45	8 <b>궁</b> 24	T 1
W 2	10 36 17	10°46'23	11≈ 8	25°38	3°24	12°20	24 <b>Ω</b> 14	27°49	9 <b>Ω</b> 58	19°30	$21\Omega_{25}$	27 <b>Y</b> 17	28°49	17°52	8°28	W 2
T 3	10 40 13	11°46'27	24°45	27°18	3°49	12°47	24° 7	27°52	9°56	19°32	21°23	27° 9	28°45	17°58	8°31	T 3
F 4	10 44 10	12°46'30	8 <b>) (</b> 43	28°59	4°15	13°15	24° 0	27°56	9°54	19°34	21°22	27° 2	28°42	18° 5	8°35	F 4
S 5	10 48 6	13°46'31	22°56	0 <b>∺</b> 41	4°43	13°43	23°52	28° 0	9°52	19°35	21°21	26°56	28°39	18°12	8°39	S 5
S 6	10 52 3	14°46'31	7 <b>Υ</b> 21	2°24	5°13	14°11	23°45	28° 3	9°50	19°37	21°19	26°53	28°36	18°18	8°42	S 6
M 7	10 55 59	15°46'28	21°50	4° 9	5°44	14°40	23°39	28° 7	9°48	19°39	21°18	26°D51	28°33	18°25	8°46	M 7
T 8	10 59 56	16°46'23	6 <b>8</b> 20	5°54	6°16	15° 8	23°32	28°11	9°46	19°41	21°17	26°51	28°30	18°32	8°49	T 8
W 9	11 3 53	17°46'15	20°44	7°41	6°50	15°37	23°25	28°15	9°44	19°43	21°15	26°53	28°26	18°38	8°53	W 9
T 10	11 7 49	18°46'06	5 <b>I</b> I 0	9°29	7°25	16° 6	23°18	28°20	9°42	19°45	21°14	26°54	28°23	18°45	8°56	T 10
F 11	11 11 46	19°45'55	19° 6	11°18	8° 2	16°35	23°12	28°24	9°40	19°47	21°13	26°R55	28°20	18°52	8°59	F 11
S 12	11 15 42	20°45'41	399 2	13° 8	8°39	17° 4	23° 6	28°28	9°38	19°49	21°11	26°54	28°17	18°58	9° 2	S 12
S 13	11 19 39	21°45'25	16°45	15° 0	9°18	17°34	23° 0	28°33	9°37	19°51	21°10	26°52	28°14	19° 5	9° 5	S 13
M14	11 23 35	22°45'06	$0\Omega$ 16	16°52	9°58	18° 3	22°53	28°37	9°35	19°53	21° 9	26°48	28°10	19°12	9°8	M14
T 15	11 27 32	23°44'45	13°35	18°46	10°40	18°33	22°48	28°42	9°33	19°55	21° 8	26°43	28° 7	19°18	9°11	T 15
W16	11 31 28	24°44'22	26°40	20°41	11°22	19° 2	22°42	28°47	9°32	19°57	21° 6	26°37	28° 4	19°25	9°14	W16
T 17	11 35 25	25°43'57	9 <b>m</b> 33	22°37	12° 5	19°32	22°36	28°52	9°30	20° 0	21° 5	26°32	28° 1	19°31	9°17	T 17
F 18	11 39 22	26°43'30	22°12	24°34	12°49	20° 2	22°31	28°57	9°28	20° 2	21° 4	26°28	27°58	19°38	9°19	F 18
S 19	11 43 18	27°43'00	4 <b>₾</b> 37	26°32	13°34	20°33	22°25	29° 2	9°27	20° 4	21° 3	26°24	27°55	19°45	9°22	S 19
S 20	11 47 15	28°42'29	16°51	28°32	14°20	21° 3	22°20	29° 7	9°25	20° 6	21° 2	26°23	27°51	19°51	9°24	S 20
M21	11 51 11	29°41'55	28°54	0 <b>Υ</b> 32	15° 7	21°33	22°15	29°12	9°24	20° 8	21° 1	26°D22	27°48	19°58	9°27	M21
T 22	11 55 8	0 <b>Υ</b> 41'20	10 <b>M</b> 49	2°33	15°55	22° 4	22°10	29°17	9°23	20°10	21° 0	26°23	27°45	20° 5	9°29	T 22
W23	11 59 4	1°40'43	22°39	4°34	16°44	22°35	22° 5	29°22	9°21	20°12	20°59	26°24	27°42	20°11	9°31	W23
T 24	12 3 1	2°40'04	4 <b>₹</b> 27	6°37	17°33	23° 5	22° 1	29°28	9°20	20°15	20°58	26°26	27°39	20°18	9°34	T 24
F 25	12 6 57	3°39'23	16°18	8°39	18°23	23°36	21°56	29°33	9°19	20°17	20°57	26°28	27°35	20°25	9°36	F 25
S 26	12 10 54	4°38'41	28°18	10°42	19°14	24° 7	21°52	29°39	9°18	20°19	20°56	26°29	27°32	20°31	9°38	S 26
S 27	12 14 51	5°37'57	10 <b>ට</b> 29	12°45	20° 6	24°38	21°48	29°44	9°17	20°21	20°55	26°R29	27°29	20°38	9°40	S 27
M28	12 18 47	6°37'11	22°58	14°47	20°58	25°10	21°44	29°50	9°16	20°23	20°54	26°28	27°26	20°45	9°41	M28
T 29	12 22 44	7°36'23	5 <b>≈</b> 49	16°48	21°51	25°41	21°40	29°56	9°14	20°26	20°53	26°26	27°23	20°51	9°43	T 29
W30	12 26 40	8°35'33	19° 3	18°49	22°44	26°13	21°37	0 <b>Ⅱ</b> 1	9°14	20°28	20°52	26°24	27°20	20°58	9°45	W30
T 31	12 30 37	9 <b>°</b> 734'41	2 <b>) (</b> 44	20 <b>Ƴ</b> 48	23≈38	26∏44	21 <b>Q</b> 33	0 <b>Π</b> 7	9 <b>Ω</b> 13	20 <b>Y</b> 30	$20\Omega51$	26 <b>Y</b> 22	27 <b>Υ</b> 16	21 <b>m</b> 5	9 <b>궁</b> 47	T 31

Day	0	D	ğ	Q	ď	4		ħ		) <sub>į</sub>	j(	¥		Р	ß	u	Ç	ķ	
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T 1				s 6 13 s37 6n 3	-			17n56		18n26			40 24n1						6n15
W 2	7 32			8 13 41 5 54	-			17 57	-	18 27	0 42	6 6 1	-	10 28			18 48		6 16
T 3 F 4	7 10		14 27 2 13 53 2	9 13 44 5 46 10 13 46 5 37		-		17 58 17 59	-		0 42 0 42	6 7 1	-	5 10 28 7 10 28			18 51 18 53		6 16 6 17
S 5	6 47 6 23		13 17 2					17 39	-	18 29	-	6 7 1	-	7 10 28			18 56		6 17
	0 23																		
S 6	6 0	-	12 40 2		24 37 2 6		1 14	-		18 29	-		40 24 1						6 18
M 7	5 37	8 6 0 27						18 2				6 10 1	-	10 28	-		-	16 54	6 18
T 8	5 14				24 43 2 5	-		18 4				6 10 1		10 28				16 53	6 19
W 9 T 10	4 50 4 27			8 13 52 4 53 6 13 52 4 44	-	_		18 5 18 6	1 46 1 46		0 42 0 42	6 11 1	40 24 1	10 28				16 52	6 20 6 20
F 11	4 4 4	-		4 13 52 4 35				18 7	-				40 24 1						6 21
S 12	3 40	_, ,	7 10 2	1 13 51 4 26			-	18 8	-		-	-	40 24 2				-		6 21
									-										-
S 13	3 16	_, _,		58 13 49 4 17				18 9	-			-	40 24 2		-		-		6 22
M14	2 53	-			24 58 2 2			18 11	1 45				40 24 2						6 22
T 15 W16	2 29 2 6		6 8 1 5		25 0 2 2 25 2 2 1		-	18 12 18 13	-		0 41 0 41	6 16 1	-	1 10 27 1 10 27			-		6 23 6 24
T 17	1 42		4 28 1 4		25 4 2 1			18 14	1 43		0 41	6 17 1		10 27					6 24
F 18	1 18	5 48 2 56	_		25 6 2 0		-	18 16	1 44				-	10 27			-		6 25
S 19	0 55			27 13 30 3 25				18 17		18 35			40 24 2						6 25
S 20	0 31	5 50 0 52	1 49 1 2	20 13 25 3 17	25 10 1 59	15 14	1 13	18 18	1 44	18 35	0 41	6 20 1	40 24 2	10 27	10 12	10 44	19 36	16 44	6 26
M21	0 7	11 19 0s14	0 54 1				1 13	18 20	1 44	18 36	0 41	6 21 1	40 24 2	10 26	10 12	10 43	19 38	16 43	6 27
T 22	0n16	16 20 1 19	0n 2 1	4 13 13 3 0	25 13 1 59	15 18	1 13	18 21	1 43	18 36	0 41	6 22 1	40 24 2	10 26	10 12	10 41	19 41	16 42	6 27
W23	0 40	20 43 2 20	0 58 0 5	56 13 7 2 52	25 14 1 58	15 19	1 13	18 22	1 43	18 36	0 41	6 22 1	40 24 2	10 26	10 12	10 40	19 43	16 41	6 28
T 24	1 4	24 15 3 15						18 24			0 41		40 24 2						6 29
F 25	1 27	7						18 25	-		0 41	-	40 24 2						6 29
S 26	1 51	28 7 4 38	3 49 0 2	27 12 44 2 28	25 18 1 57	15 23	1 13	18 26	1 42	18 37	0 41	6 25 1	40 24 2	10 26	10 14	10 37	19 51	16 39	6 30
S 27	2 14	28 6 5 4	4 47 0	17 12 35 2 20	25 18 1 56	15 24	1 12	18 28	1 42	18 38	0 41	6 26 1	39 24 2	10 26	10 14	10 36	19 54	16 38	6 30
M28	2 38	26 42 5 15	5 44 0	6 12 26 2 13		15 26	1 12	18 29	1 42	18 38	0 41	6 27 1	39 24 2	10 26	10 14	10 35	19 56	16 37	6 31
T 29	3 1	23 53 5 11		1 5 12 17 2 5				18 31				6 27 1		10 25				16 37	6 32
W30	3 25		7 38 0					18 32	1 42	18 38	0 41	6 28 1		10 25	-		-	16 36	6 32
T 31	3n48	14s28 4s15	8n34 0n2	n28 11 s56 1n50	25n21 1n54	15n29	1n12	18n33	1 s41	18n38	0n41	6n29 1 s	39 24n2	10n25	10n11	10n31	20s 4	16s35	6n33

Julian Day Number = 2344587.5, Delta T = 12.17 sec Ecliptic obliquity =  $23^{\circ}28'47$ , Nutation = -  $0^{\circ}00'07$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^{\circ}39'09$ , Lahiri =  $19^{\circ}46'09$ Greg. Calendar

APRIL 1707 00:00 UT

Day	Sid.t	0	J	ğ	φ	♂	4	ħ	)∤(	并	Р	n	Ω	Ç	, k	Day
F 1	12 34 33	10 <b>°</b> 33'48	16 <b>)</b> 49	22 <b>Y</b> 46	24≈32	27 <b>I</b> I16	21°R30	0 <b>Ц</b> 13	9°R12	20 <b>Υ</b> 32	20°R50	26°R19	27 <b>Υ</b> 13	21 <b>M</b> .11	9 <b>ට</b> 48	F 1
S 2	12 38 30	11°32'53	1 <b>Y</b> 16	24°41	25°28	27°48	21 <b>£</b> 27	0°19	9 <b>Ω</b> 11	20°35	20 <b>Ω</b> 49	26 <b>Y</b> 18	27°10	21°18	9°49	S 2
S 3	12 42 26	12°31'55	16° 0	26°34	26°23	28°19	21°24	0°25	9°10	20°37	20°48	26°17	27° 7	21°25	9°51	S 3
M 4	12 46 23	13°30'56	0 <b>8</b> 53	28°24	27°19	28°51	21°22	0°31	9° 9	20°39	20°47	26°D17	27° 4	21°31	9°52	M 4
T 5	12 50 20	14°29'54	15°47	0811	28°16	29°23	21°19	0°37	9° 9	20°41	20°47	26°17	27° 1	21°38	9°53	T 5
W 6	12 54 16	15°28'50	0Д36	1°55	29°13	29°56	21°17	0°44	9°8	20°44	20°46	26°18	26°57	21°45	9°54	W 6
T 7	12 58 13	16°27'45	15°12	3°34	0 <b>) (</b> 10	0928	21°15	0°50	9°8	20°46	20°45	26°19	26°54	21°51	9°55	T 7
F 8	13 2 9	17°26'37	29°32	5°10	1° 8	1° 0	21°13	0°56	9° 7	20°48	20°45	26°20	26°51	21°58	9°56	F 8
S 9	13 6 6	18°25'26	13933	6°41	2° 7	1°33	21°11	1° 3	9° 7	20°50	20°44	26°R20	26°48	22° 5	9°57	S 9
S 10	13 10 2	19°24'13	27°13	8° 7	3° 5	2° 5	21° 9	1° 9	9° 6	20°53	20°43	26°20	26°45	22°11	9°58	S 10
M11	13 13 59	20°22'58	$10\Omega 34$	9°28	4° 4	2°38	21° 8	1°16	9° 6	20°55	20°43	26°20	26°41	22°18	9°58	M11
T 12	13 17 55	21°21'41	23°37	10°45	5° 4	3°10	21° 7	1°22	9° 6	20°57	20°42	26°19	26°38	22°25	9°59	T 12
W13	13 21 52	22°20'21	6 <b>M</b> 24	11°56	6° 4	3°43	21° 6	1°29	9° 5	20°59	20°41	26°19	26°35	22°31	10° 0	W13
T 14	13 25 49	23°18'59	18°57	13° 2	7° 4	4°16	21° 5	1°36	9° 5	21° 2	20°41	26°18	26°32	22°38	10° 0	T 14
F 15	13 29 45	24°17'35	1 <b>≏</b> 17	14° 2	8° 4	4°49	21° 4	1°42	9° 5	21° 4	20°40	26°18	26°29	22°45	10° 0	F 15
S 16	13 33 42	25°16'09	13°27	14°57	9° 5	5°22	21° 4	1°49	9° 5	21° 6	20°40	26°18	26°26	22°51	10° 0	S 16
S 17	13 37 38	26°14'41	25°29	15°46	10° 6	5°55	21° 4	1°56	9°D 5	21° 8	20°39	26°18	26°22	22°58	10° 1	S 17
M18	13 41 35	27°13'11	7 <b>M</b> 25	16°30	11° 8	6°28	21°D 4	2° 3	9° 5	21°11	20°39	26°18	26°19	23° 5	10°R 1	M18
T 19	13 45 31	28°11'39	19°16	17° 7	12° 9	7° 1	21° 4	2°10	9° 5	21°13	20°39	26°18	26°16	23°11	10° 1	T 19
W20	13 49 28	29°10'06	1 <b>才</b> 4	17°39	13°12	7°34	21° 4	2°17	9° 5	21°15	20°38	26°17	26°13	23°18	10° 1	W20
T 21	13 53 24	0 <b>8</b> 8'31	12°54	18° 5	14°14	8° 8	21° 4	2°24	9° 5	21°17	20°38	26°17	26°10	23°24	10° 0	T 21
F 22	13 57 21	1° 6'54	24°47	18°25	15°16	8°41	21° 5	2°31	9° 6	21°20	20°37	26°16	26° 7	23°31	10° 0	F 22
S 23	14 1 18	2° 5'15	6 <b>る</b> 48	18°40	16°19	9°14	21° 6	2°38	9° 6	21°22	20°37	26°16	26° 3	23°38	10° 0	S 23
S 24	14 5 14	3° 3'35	18°59	18°48	17°22	9°48	21° 7	2°45	9° 6	21°24	20°37	26°15	26° 0	23°44	9°59	S 24
M25	14 9 11	4° 1'54	1≈26	18°R51	18°26	10°21	21° 8	2°52	9° 7	21°26	20°37	26°D15	25°57	23°51	9°59	M25
T 26	14 13 7	5° 0'11	14°12	18°49	19°29	10°55	21°10	2°59	9° 7	21°29	20°36	26°15	25°54	23°58	9°58	T 26
W27	14 17 4	5°58'26	27°21	18°41	20°33	11°29	21°11	3° 6	9° 8	21°31	20°36	26°16	25°51	24° 4	9°57	W27
T 28	14 21 0	6°56'39	10 <b>米</b> 55	18°29	21°37	12° 2	21°13	3°14	9°8	21°33	20°36	26°16	25°47	24°11	9°57	T 28
F 29	14 24 57	7°54'52	24°56	18°12	22°42	12°36	21°15	3°21	9° 9	21°35	20°36	26°17	25°44	24°18	9°56	F 29
S 30	14 28 53	8 <b>8</b> 53'02	9 <b>Υ</b> 22	17850	23 <b>)</b> (46	139510	21 <b>Ω</b> 17	3 <b>Ⅱ</b> 28	9 <b>N</b> 9	21 <b>Y</b> 37	$20\Omega 36$	26 <b>Y</b> 18	25 <b>℃</b> 41	24M24	9 <b>궁</b> 55	S 30

Day	0	J		ζ	5	ç	)	C	3'	2	+	ħ	l	)	ł(	<del>,</del> ‡	(	E	2	R	Ω	ţ	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
F 1	4n11	8s18	3 s21	9n29	0n39	11 s45	1n43	25n21	1n54	15n30	1n12	18n35	1 s41	18n39	0n41	6n30	1 s39	24n25	10n25	10n11	10n30	20s 6	16s34	6n34
S 2	4 34	1 33	2 14	10 22	0 51	11 33	1 36	25 21	1 54	15 31	1 12	18 36	1 41	18 39	0 41	6 31	1 39	24 25	10 25	10 10	10 29	20 9	16 34	6 34
S 3	4 58	5n26	0 57	11 14	1 2	11 21	1 28	25 21	1 53	15 31	1 12	18 38	1 41	18 39	0 41	6 32	1 39	24 25	10 25	10 10	10 28	20 12	16 33	6 35
M 4	5 21			12 5	1 14	-		25 21	1 53		1 12		1 41			6 32	1 39	-	-			20 14		6 36
T 5			-	12 53	1 25			25 21		15 33	1 11	-	1 40			6 33						20 17		6 36
W 6		-		13 39	1 36	-		25 21		15 33	1 11	-	1 40			6 34						20 19		6 37
T 7 F 8	6 29 6 52		3 59 4 43	14 24 15 5	1 46 1 56			<ul><li>25 20</li><li>25 19</li></ul>		15 34 15 35	1 11	18 44 18 45	1 40 1 40			6 35	1 39					20 22 20 24		6 37 6 38
S 9			-	15 45				25 19		15 35		18 47		18 40		6 37						20 24		6 39
S 10	7 36		-	16 21	2 14			25 18		15 35		18 48		18 40		6 38						20 29		6 39
M11 T 12	7 59 8 21		-	16 55 17 27	2 23 2 30	9 29 9 13		<ul><li>25 17</li><li>25 16</li></ul>		15 36 15 36	1 11 1 11	18 50 18 51	1 39 1 39		-	6 38	1 39					20 32 20 34		6 40 6 41
W13	-			17 55	2 36	8 57		25 16		15 36	1 11		1 39			6 40	1 39					20 34		6 41
T 14	9 4		-	18 21	2 42	8 40		25 13	-	15 36	1 10		1 39			6 41	1 39	-				20 39		6 42
F 15	9 26			18 43	2 46	8 23		25 11		15 36	1 10			18 40	-	6 42	1 39	-				20 42		6 43
S 16	9 48	4s14	1 11	19 3	2 50	8 5	0 6	25 9	1 47	15 36	1 10	18 57	1 39	18 40	0 41	6 43	1 39	24 26	10 22	10 10	10 13	20 44	16 24	6 43
S 17	10 9	9 48	0 4	19 20	2 53	7 47	0 0	25 8	1 47	15 36	1 10	18 59	1 38	18 40	0 41	6 43	1 39	24 26	10 22	10 10	10 12	20 47	16 23	6 44
M18	10 30	14 58	1 s 1	19 34	2 54	7 29	0s 5	25 6	1 46	15 36	1 10	19 0	1 38	18 40	0 40	6 44	1 39	24 26	10 22	10 10	10 11	20 49	16 23	6 45
T 19	10 51	19 34	2 4	19 46	2 54	7 10	0 10	25 3	1 46	15 36	1 10	19 2	1 38	18 40	0 40	6 45	1 39	24 25	10 22	10 10	10 9	20 52	16 22	6 45
W20	11 12		-	19 54	2 54	6 51	0 16		1 45	15 36	1 10	19 3	1 38			6 46	1 39		-			20 54	-	6 46
T 21	-	-		19 59	2 51	6 32		24 59		15 36	1 9			18 40		6 47	1 39	-	-			20 56	-	6 46
F 22			4 31	-	2 48	6 12		24 56		15 35	1 9			18 40		6 48	1 39	-	-			20 59		6 47
S 23	12 13	28 17	4 59	20 1	2 44	5 53	0 31	24 53	1 44	15 35	1 9	19 8	1 37	18 40	0 40	6 48	1 40	24 25	10 21	10 9	10 5	21 1	16 20	6 48
S 24	12 33			19 58	2 38	5 32		24 50		15 34	1 9	19 9		18 39		6 49	1 40	24 25	10 21	10 9			16 19	6 48
M25			-		2 31	5 12			1 43	15 34	1 9	-		18 39		6 50		24 25				21 6		6 49
T 26	13 13		5 2	19 44	2 22	4 51			1 43	15 33	1 9	-		18 39		6 51	1 40	-				21 9		6 50
W27			-	19 32	2 12	4 30		24 41	1 42	15 33	1 9			18 39		6 52	1 40					21 11		6 50
T 28			-	19 18	2 2	4 8		24 37			1 8			18 39		6 53		24 24				21 13		6 51
F 29 S 30	14 10 14n29			19 2	1 50	3 47		24 34 24n30		15 31	1 8			18 39		6 53		24 24 24p24				21 16 21 s18		6 51
3 30	14n29	2n18	1833	18n43	1n36	3 s25	18 1	24n30	11141	15n30	1n 8	19n18	1836	18n38	0n40	6n54	1 S4U	Z4HZ4	10119	10110	905/	21518	10810	6n52

Julian Day Number = 2344618.5, Delta T = 12.15 sec Ecliptic obliquity = 23°28'47, Nutation = -0°00'08, out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^\circ39'13$ , Lahiri =  $19^\circ46'13$ Greg. Calendar

MAY 1707 00:00 UT

Day	Sid.t	$\odot$	D	ğ	φ	♂	4	ħ	)f(	卉	Р	ß	Ω	Ç	Š	Day
S 1	14 32 50	9 <b>8</b> 51'11	24 <b>Y</b> 11	17°R25	24 <b>)</b> 51	139544	21 <b>\O</b> 19	3 <b>Ц</b> 36	9 <b>Ω</b> 10	21 <b>Y</b> 40	20°R36	26°R18	25 <b>Y</b> 38	24MJ31	9°R54	S 1
M 2	14 36 46	10°49'19	9814	16 <b>8</b> 56	25°55	14°18	21°22	3°43	9°11	21°42	$20\Omega 36$	26 <b>Y</b> 18	25°35	24°38	9 <b>る</b> 53	M 2
T 3	14 40 43	11°47'25	24°25	16°25	27° 1	14°52	21°24	3°50	9°12	21°44	20°D36	26°17	25°32	24°44	9°51	T 3
W 4	14 44 40	12°45'29	9∏33	15°51	28° 6	15°26	21°27	3°58	9°13	21°46	20°36	26°16	25°28	24°51	9°50	W 4
T 5	14 48 36	13°43'32	24°29	15°16	29°11	16° 0	21°30	4° 5	9°14	21°48	20°36	26°13	25°25	24°58	9°49	T 5
F 6	14 52 33	14°41'32	995 6	14°39	0 <b>Υ</b> 17	16°35	21°33	4°13	9°15	21°50	20°36	26°11	25°22	25° 4	9°47	F 6
S 7	14 56 29	15°39'31	23°18	14° 3	1°22	17° 9	21°37	4°20	9°16	21°52	20°36	26° 9	25°19	25°11	9°46	S 7
S 8	15 0 26	16°37'28	7 <b>Ω</b> 5	13°27	2°28	17°43	21°40	4°28	9°17	21°55	20°36	26° 8	25°16	25°18	9°44	S 8
M 9	15 4 22	17°35'23	20°26	12°51	3°34	18°18	21°44	4°36	9°18	21°57	20°36	26°D 8	25°13	25°24	9°43	M 9
T 10	15 8 19	18°33'16	3 <b>m</b> 24	12°17	4°40	18°52	21°48	4°43	9°19	21°59	20°36	26° 9	25° 9	25°31	9°41	T 10
W11	15 12 16	19°31'08	16° 1	11°46	5°47	19°26	21°52	4°51	9°20	22° 1	20°37	26°10	25° 6	25°38	9°39	W11
T 12	15 16 12	20°28'57	28°22	11°17	6°53	20° 1	21°56	4°58	9°22	22° 3	20°37	26°12	25° 3	25°44	9°37	T 12
F 13	15 20 9	21°26'45	10 <b>≏</b> 31	10°50	8° 0	20°35	22° 0	5° 6	9°23	22° 5	20°37	26°13	25° 0	25°51	9°35	F 13
S 14	15 24 5	22°24'31	22°30	10°28	9° 7	21°10	22° 5	5°14	9°24	22° 7	20°37	26°R14	24°57	25°58	9°33	S 14
S 15	15 28 2	23°22'16	4M23	10° 9	10°13	21°45	22° 9	5°21	9°26	22° 9	20°38	26°14	24°53	26° 4	9°31	S 15
M16	15 31 58	24°20'00	16°13	9°54	11°20	22°19	22°14	5°29	9°27	22°11	20°38	26°12	24°50	26°11	9°29	M16
T 17	15 35 55	25°17'42	28° 2	9°43	12°28	22°54	22°19	5°37	9°29	22°13	20°39	26° 9	24°47	26°18	9°27	T 17
W18	15 39 51	26°15'22	9 <b>₹</b> 52	9°37	13°35	23°29	22°24	5°45	9°30	22°15	20°39	26° 5	24°44	26°24	9°24	W18
T 19	15 43 48	27°13'02	21°45	9°D35	14°42	24° 4	22°30	5°52	9°32	22°17	20°39	26° 0	24°41	26°31	9°22	T 19
F 20	15 47 45	28°10'40	3 <b>⋜</b> 43	9°38	15°50	24°39	22°35	6° 0	9°34	22°19	20°40	25°54	24°38	26°38	9°20	F 20
S 21	15 51 41	29° 8'17	15°49	9°45	16°57	25°13	22°41	6° 8	9°35	22°21	20°40	25°49	24°34	26°44	9°17	S 21
S 22	15 55 38	0耳 5'53	28° 5	9°57	18° 5	25°48	22°46	6°16	9°37	22°22	20°41	25°44	24°31	26°51	9°14	S 22
M23	15 59 34	1° 3'29	10≈33	10°13	19°13	26°23	22°52	6°23	9°39	22°24	20°42	25°41	24°28	26°58	9°12	M23
T 24	16 3 31	2° 1'03	23°18	10°34	20°21	26°58	22°58	6°31	9°41	22°26	20°42	25°39	24°25	27° 4	9° 9	T 24
W25	16 7 27	2°58'36	6 <b>)</b> €22	10°59	21°29	27°34	23° 4	6°39	9°43	22°28	20°43	25°D39	24°22	27°11	9° 6	W25
T 26	16 11 24	3°56'08	19°48	11°28	22°37	28° 9	23°11	6°47	9°45	22°30	20°43	25°39	24°19	27°18	9° 4	T 26
F 27	16 15 20	4°53'40	3 <b>Ƴ</b> 39	12° 2	23°45	28°44	23°17	6°55	9°47	22°32	20°44	25°41	24°15	27°24	9° 1	F 27
S 28	16 19 17	5°51'11	17°55	12°39	24°54	29°19	23°24	7° 2	9°49	22°33	20°45	25°42	24°12	27°31	8°58	S 28
S 29	16 23 14	6°48'41	2 <b>8</b> 34	13°20	26° 2	29°54	23°30	7°10	9°51	22°35	20°45	25°R42	24° 9	27°38	8°55	S 29
M30	16 27 10	7°46'10	17°33	14° 6	27°11	$0\Omega 30$	23°37	7°18	9°53	22°37	20°46	25°40	24° 6	27°44	<u>8°52</u>	M30
T 31	16 31 7	8 <b>Ⅱ</b> 43'38	2∏44	14 <b>8</b> 55	28 <b>Υ</b> 19	1 <b>0</b> 5	23 <b>Ω</b> 44	7 <b>Ⅱ</b> 26	9 <b>Ω</b> 55	22 <b>Y</b> 39	20 <b>Ω</b> 47	25 <b>Y</b> 37	24 <b>°</b> 3	27 <b>M</b> 51	8 <b>국</b> 49	T 31

Day	0	D	ğ	·	ď	4	ħ	)Å(	<del>,</del>	Р	n	v	Ç	, k	
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl	decl	decl	decl la	at
S 1	14n48	9n12 0s12	2 18n22 1n22	2 3s 3 1s 5	24n26 1n40	15n30 1n 8	19n20 1s36	18n38 0n40	6n55 1s40	24n24 10n19	10n10	9n55 2	1 s21	16s15	6n53
M 2	15 6	15 43 1n1	18 0 1 7	7 2 41 1 9	24 22 1 40	15 29 1 8	19 21 1 36	18 38 0 40	6 56 1 40	24 24 10 19	10 10	9 54 2	1 23	16 15	6 53
T 3	15 24	21 19 2 29	17 36 0 51	2 18 1 13	24 18 1 40	15 28 1 8	19 23 1 36	18 38 0 40	6 57 1 40	24 24 10 19	10 10	9 53 2	1 26	16 14	6 54
W 4	15 42	25 30 3 37	7 17 10 0 35	5 1 55 1 16	24 14 1 39	15 27 1 8	19 24 1 36	18 37 0 40	6 57 1 40	24 23 10 18	10 9	9 52 2	1 28	16 14	6 54
T 5	15 59	27 50 4 29	16 44 0 18	3 1 32 1 20	24 9 1 39	15 25 1 8	19 26 1 36	18 37 0 40	6 58 1 40	24 23 10 18	10 8	9 51 2	1 30	16 13	6 55
F 6	16 16	28 11 5 2	2 16 16 0	1 1 9 1 23	24 4 1 38	15 24 1 7	19 27 1 36	18 37 0 40	6 59 1 40	24 23 10 18	10 8	9 50 2	1 33	16 13	6 56
S 7	16 33	26 38 5 15	15 49 0s17	0 46 1 26	24 0 1 38	15 23 1 7	19 29 1 36	18 37 0 40	7 0 1 40	24 23 10 18	10 7	9 49 2	1 35	16 12	6 56
S 8	16 50	23 31 5 10	15 21 0 34	0 23 1 29	23 55 1 37	15 22 1 7	19 30 1 35	18 36 0 40	7 0 1 40	24 22 10 17	10 7	9 47 2	1 37	16 12	6 57
M 9	17 6	19 15 4 48	8 14 54 0 51	0n 1 1 32	23 50 1 37	15 20 1 7	19 32 1 35	18 36 0 40	7 1 1 40	24 22 10 17	10 6	9 46 2	1 40	16 11	6 57
T 10	17 23	14 11 4 11	14 28 1 8	0 25 1 35	23 44 1 36	15 19 1 7	19 33 1 35	18 36 0 40	7 2 1 40	24 22 10 17	10 7	9 45 2	1 42	16 11	6 58
W11	17 38	8 39 3 24	1 14 3 1 25	0 48 1 38	23 39 1 36	15 18 1 7	19 35 1 35	18 35 0 40	7 3 1 40	24 22 10 17	10 7	9 44 2	1 45	16 10	6 58
T 12	17 54	2 54 2 27	7 13 39 1 41	1 1 12 1 40	23 34 1 36	15 16 1 7	19 36 1 35	18 35 0 40	7 3 1 40	24 21 10 17	10 8	9 43 2	1 47	16 10	6 59
F 13	18 9	2 s 5 1 1 2 5	13 16 1 56	5 1 36 1 43	23 28 1 35	15 15 1 6	19 38 1 35	18 34 0 40	7 4 1 40	24 21 10 16	10 8	9 42 2	1 49	16 9	7 0
S 14	18 24	8 27 0 21	12 56 2 10	2 0 1 45	23 22 1 35	15 13 1 6	19 39 1 35	18 34 0 40	7 5 1 40	24 21 10 16	10 9	9 40 2	1 52	16 9	7 0
S 15	18 39	13 42 0s45	12 37 2 23	2 25 1 47	23 16 1 34	15 11 1 6	19 41 1 35	18 34 0 40	7 6 1 40	24 20 10 16	10 8	9 39 2	1 54	16 9	7 1
M16	18 53	18 26 1 48	3 12 20 2 36	5 2 49 1 49	23 10 1 34	15 10 1 6	19 42 1 35	18 33 0 40	7 6 1 40	24 20 10 16	10 8	9 38 2	1 56	16 8	7 1
T 17	19 7	22 26 2 46	5 12 6 2 47	7 3 13 1 51	23 4 1 33	15 8 1 6	19 44 1 35	18 33 0 40	7 7 1 40	24 20 10 15	10 7	9 37 2	1 59	16 8	7 2
W18	19 21	25 32 3 36	5 11 55 2 58	3 38 1 53	22 57 1 33	15 6 1 6	19 45 1 34	18 32 0 40	7 8 1 40	24 19 10 15	10 5	9 36 22	2 1	16 8	7 2
T 19	19 34	27 31 4 18	3 11 45 3 7	7 4 2 1 55	22 51 1 32	15 4 1 6	19 46 1 34	18 32 0 40	7 8 1 40	24 19 10 15	10 3	9 35 22	2 3	16 7	7 3
F 20	19 47	28 14 4 49	11 38 3 15	4 27 1 57	22 44 1 32	15 2 1 5	19 48 1 34	18 31 0 40	7 9 1 40	24 19 10 15	10 1	9 33 2	2 5	16 7	7 3
S 21	20 0	27 37 5	11 34 3 22	2 4 51 1 58	22 37 1 31	15 1 1 5	19 49 1 34	18 31 0 39	7 10 1 40	24 18 10 15	9 59	9 32 2	2 8	16 7	7 4
S 22	20 12	25 40 5 11	11 32 3 28	3 5 15 2 0	22 31 1 31	14 59 1 5	19 51 1 34	18 30 0 39	7 10 1 40	24 18 10 14	9 58	9 31 2	2 10	16 6	7 4
M23	20 24	22 27 5	11 32 3 33	3 5 40 2 1	22 23 1 31	14 56 1 5	19 52 1 34	18 30 0 39	7 11 1 40	24 17 10 14	9 56	9 30 22	2 12	16 6	7 5
T 24	20 36	18 7 4 30	5 11 34 3 37	7 6 4 2 2	22 16 1 30	14 54 1 5	19 53 1 34	18 29 0 39	7 12 1 40	24 17 10 14	9 56	9 29 2	2 15	16 6	7 5
W25	20 47	12 51 3 50	5 11 39 3 40	6 29 2 4	22 9 1 30	14 52 1 5	19 55 1 34	18 29 0 39	7 12 1 40	24 17 10 14	9 56	9 28 22	2 17	16 5	7 5
T 26	20 58	6 51 3 3	3 11 46 3 43	6 53 2 5	22 1 1 29	14 50 1 5	19 56 1 34	18 28 0 39	7 13 1 40	24 16 10 13	9 56	9 26 22	2 19	16 5	7 6
F 27	21 9	0 20 1 57	7 11 55 3 44	1 7 17 2 5	21 54 1 29	14 48 1 5	19 58 1 34	18 28 0 39	7 14 1 40	24 16 10 13	9 56	9 25 22	2 21	16 5	7 6
S 28	21 19	6n23 0 42	2 12 6 3 44	7 42 2 6	21 46 1 28	14 46 1 4	19 59 1 34	18 27 0 39	7 14 1 40	24 15 10 13	9 57	9 24 2	2 24	16 5	7 7
S 29	21 29	12 58 0n3	12 19 3 43	8 6 2 7	21 38 1 28	14 43 1 4	20 0 1 34	18 27 0 39	7 15 1 40	24 15 10 13	9 57	9 23 2	2 26	16 4	7 7
M30	21 39	18 57 1 56	5 12 34 3 42		21 30 1 27		20 2 1 34	18 26 0 39	7 15 1 41	24 14 10 13	9 56	9 22 2	2 28	16 4	7 8
T 31	21n48	23n48 3n	7 12n50 3 s 3 9	8n54 2s 8				18n25 0n39	7n16 1s41	24n14 10n12	9n55	9n21 2			7n 8
			1 1	1	<del>                                     </del>	1	L	1 1	1	L					

Julian Day Number = 2344648.5, Delta T = 12.13 sec Ecliptic obliquity =  $23^{\circ}28'47$ , Nutation = -  $0^{\circ}00'09$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^{\circ}39'17$ , Lahiri =  $19^{\circ}46'17$ Greg. Calendar

JUNE 1707 00:00 UT

00111															00.0	0 0.
Day	Sid.t	0	D	ğ	·	ð	4	ħ	)Å(	#	В	n	v	Ç	ķ	Day
W 1	16 35 3	9 <b>Ⅱ</b> 41'06	17 <b>II</b> 57	15 <b>8</b> 47	29 <b>Y</b> 28	1 <b>Q</b> 40	23 <b>Q</b> 51	7 <b>I</b> I34	9 <b>Ω</b> 57	22 <b>Y</b> 40	20 <b>Ω</b> 48	25°R31	23Υ59	27 <b>M</b> 58	8°R46	W 1
T 2	16 39 0	10°38'33	3 <b>95</b> 3	16°43	0 <b>8</b> 37	2°16	23°58	7°41	10° 0	22°42	20°49	25 <b>Y</b> 25	23°56	28° 4	8 <b>국</b> 42	T 2
F 3	16 42 56	11°35'58	17°50	17°43	1°46	2°51	24° 6	7°49	10° 2	22°44	20°49	25°18	23°53	28°11	8°39	F 3
S 4	16 46 53	12°33'23	2 <b>Ω</b> 14	18°46	2°55	3°27	24°13	7°57	10° 4	22°45	20°50	25°12	23°50	28°18	8°36	S 4
S 5	16 50 49	13°30'46	16° 9	19°52	4° 4	4° 2	24°21	8° 5	10° 7	22°47	20°51	25° 7	23°47	28°24	8°33	S 5
M 6	16 54 46	14°28'08	29°36	21° 2	5°13	4°38	24°29	8°13	10° 9	22°48	20°52	25° 4	23°44	28°31	8°29	M 6
T 7	16 58 43	15°25'29	12 <b>m</b> 35	22°14	6°22	5°13	24°37	8°20	10°12	22°50	20°53	25°D 3	23°40	28°38	8°26	T 7
W 8	17 2 39	16°22'49	25°11	23°30	7°31	5°49	24°45	8°28	10°14	22°52	20°54	25° 3	23°37	28°44	8°22	W 8
T 9	17 6 36	17°20'08	7 <b>≏</b> 28	24°49	8°41	6°25	24°53	8°36	10°17	22°53	20°55	25° 4	23°34	28°51	8°19	T 9
F 10	17 10 32	18°17'27	19°31	26°12	9°50	7° 1	25° 1	8°44	10°19	22°54	20°56	25°R 5	23°31	28°58	8°15	F 10
S 11	17 14 29	19°14'44	1 <b>M</b> 25	27°37	10°59	7°36	25° 9	8°51	10°22	22°56	20°57	25° 5	23°28	29° 4	8°12	S 11
S 12	17 18 25	20°12'00	13°14	29° 5	12° 9	8°12	25°18	8°59	10°25	22°57	20°58	25° 3	23°25	29°11	8° 8	S 12
M13	17 22 22	21° 9'16	25° 2	0Д36	13°19	8°48	25°26	9° 7	10°27	22°59	20°59	24°59	23°21	29°18	8° 5	M13
T 14	17 26 18	22° 6'31	6 <b>₹</b> 52	2°11	14°28	9°24	25°35	9°15	10°30	23° 0	21° 0	24°53	23°18	29°25	8° 1	T 14
W15	17 30 15	23° 3'46	18°46	3°48	15°38	10° 0	25°44	9°22	10°33	23° 1	21° 2	24°44	23°15	29°31	7°57	W15
T 16	17 34 12	24° 1'00	0 <b>궁</b> 46	5°28	16°48	10°36	25°52	9°30	10°36	23° 3	21° 3	24°34	23°12	29°38	7°54	T 16
F 17	17 38 8	24°58'13	12°53	7°11	17°58	11°12	26° 1	9°38	10°38	23° 4	21° 4	24°23	23° 9	29°45	7°50	F 17
S 18	17 42 5	25°55'27	25°10	8°57	19° 8	11°48	26°11	9°45	10°41	23° 5	21° 5	24°12	23° 5	29°51	7°46	S 18
S 19	17 46 1	26°52'40	7≈36	10°45	20°18	12°24	26°20	9°53	10°44	23° 7	21° 6	24° 3	23° 2	29°58	7°43	S 19
M20	17 49 58	27°49'52	20°13	12°37	21°28	13° 0	26°29	10° 0	10°47	23° 8	21° 8	23°55	22°59	0 <b>x</b> <sup>7</sup> 5	7°39	M20
T 21	17 53 54	28°47'05	3 <b>∺</b> 3	14°31	22°38	13°36	26°38	10° 8	10°50	23° 9	21° 9	23°50	22°56	0°11	7°35	T 21
W22	17 57 51	29°44'17	16° 9	16°27	23°48	14°12	26°48	10°15	10°53	23°10	21°10	23°47	22°53	0°18	7°31	W22
T 23	18 1 48	09641'30	29°32	18°26	24°58	14°48	26°57	10°23	10°56	23°11	21°12	23°D46	22°50	0°25	7°27	T 23
F 24	18 5 44	1°38'42	13 <b>Y</b> 15	20°27	26° 9	15°24	27° 7	10°30	10°59	23°12	21°13	23°47	22°46	0°31	7°24	F 24
S 25	18 941	2°35'55	27°19	22°30	27°19	16° 1	27°17	10°38	11° 2	23°13	21°14	23°R47	22°43	0°38	7°20	S 25
S 26	18 13 37	3°33'08	11843	24°35	28°30	16°37	27°27	10°45	11° 5	23°14	21°16	23°46	22°40	0°45	7°16	S 26
M27	18 17 34	4°30'21	26°27	26°42	29°40	17°13	27°37	10°53	11° 9	23°15	21°17	23°42	22°37	0°51	7°12	M27
T 28	18 21 30	5°27'34	11 <b>II</b> 24	28°50	0耳51	17°50	27°47	11° 0	11°12	23°16	21°19	23°37	22°34	0°58	7° 8	T 28
W29	18 25 27	6°24'47	26°26	0959	2° 2	18°26	27°57	11° 7	11°15	23°17	21°20	23°28	22°31	1° 5	7° 4	W29
T 30	18 29 23	79522'00	119925	395 8	3 <b>Ⅱ</b> 12	19 <b>N</b> 2	28 <b>N</b> 7	11 <b>II</b> 15	11 <b>Ω</b> 18	23 <b>Y</b> 18	$21\Omega 21$	23 <b>Y</b> 18	22 <b>Υ</b> 27	1🗖 11	7중 0	T 30

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S 5 M 6 T 7 W 8 T 9	22 34 22 41 22 47	15 36 4 14 10 4 3 29 4 16 2 34	15 25 3 15 51 2 5	10 11 15 2 9 20 3 11 38 2 9 20 55 12 1 2 9 20	30 1 24 21 1 24 12 1 23	1 14 23 1 1 14 20 1 3 14 17 1	3 20 11 1 33 3 20 12 1 33 3 20 13 1 33	18 21 0 39 18 20 0 39	7 19 1 41 7 20 1 41 7 20 1 41	24 11 10 11 24 10 10 11	9 44 9 43 9 43 9 43	9 15 22 4 9 13 22 4 9 12 22 4 9 11 22 4	4 16 3 7 10 6 16 3 7 11 8 16 3 7 11
F 10 S 11	22 53 22 58 23 3	12 31 0s34	16 46 2 3 17 14 2 2	39 12 46 2 8 19 29 13 8 2 7 19	53 1 22 43 1 22	2 14 12 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	3 20 16 1 33 3 20 17 1 33	18 19 0 39 18 19 0 39 18 18 0 39	7 21 1 41 7 22 1 41	24 9 10 10 24 8 10 10	9 43 9 43 9 43	9 10 22 5 9 9 22 5 9 8 22 5	3 16 3 7 11 5 16 3 7 12
S 12 M13 T 14 W15 T 16 F 17 S 18	23 11 23 15	21 32 2 33 24 51 3 24 27 6 4 7 28 7 4 38 27 47 4 58	19 10 1 4 19 39 1 3 20 7 1 2	10 13 52 2 6 19 0 14 13 2 5 19 49 14 34 2 4 19 38 14 55 2 3 18	3 1 20 53 1 20 43 1 19	1 14 3 1 0 14 0 1 0 13 57 1 0 13 54 1 0 13 51 1	3 20 19 1 33 3 20 21 1 33 3 20 22 1 33 2 20 23 1 33 2 20 24 1 33	18 17 0 39 18 16 0 39 18 16 0 39 18 15 0 39 18 14 0 39 18 13 0 39 18 12 0 39	7 23 1 41 7 23 1 41 7 24 1 41 7 24 1 41 7 25 1 41	24 7 10 10 24 7 10 10 24 6 10 9 24 6 10 9 24 5 10 9	9 43 9 41 9 39 9 36 9 32 9 28 9 24	9 3 23 9 2 23	9 16 2 7 12 1 16 2 7 13 3 16 2 7 13 6 16 2 7 13 8 16 2 7 13
S 19 M20 T 21 W22 T 23 F 24 S 25	23 27 23 28 23 28 23 29 23 29 23 28 23 27	19 4 4 33 14 4 3 56 8 20 3 6 2 6 2 5 4n23 0 56	21 29 0 5 21 54 0 4 22 19 0 2 22 41 0 1 23 2 0	41 16 34 1 57 18 29 16 53 1 56 17	11 1 18 0 1 17 49 1 17 38 1 16 27 1 16	3     13     41     1       7     13     38     1       7     13     34     1       5     13     31     1       5     13     27     1	2 20 28 1 33	18 8 0 39 18 7 0 39	7 26 1 42 7 26 1 42 7 27 1 42 7 27 1 42 7 27 1 42	24 3 10 9 24 3 10 8 24 2 10 8 24 2 10 8 24 1 10 8	9 21 9 18 9 16 9 15 9 15 9 15 9 15		4 16 2 7 14 6 16 2 7 14 8 16 2 7 14 1 16 3 7 14 3 16 3 7 14
S 26 M27 T 28 W29 T 30	23 24 23 22	22 3 2 44 25 53 3 44 27 55 4 29	24 15 0 4	27 18 22 1 48 16 37 18 38 1 46 16	53 1 14 41 1 14 30 1 13	1 13 17 1 1 13 14 1 3 13 10 1	2 20 34 1 33 1 20 35 1 33 1 20 36 1 33 1 20 37 1 33 1 20n38 1 s33	18 5 0 39 18 4 0 39	7 28 1 42 7 29 1 42 7 29 1 42	23 59 10 8	9 14 9 13 9 11 9 8 9n 4	8 50 23 2 8 49 23 2 8 48 23 3 8 46 23 3 8n45 23 s3	9 16 3 7 15 1 16 3 7 15 3 16 3 7 15

Julian Day Number = 2344679.5, Delta T = 12.11 sec Ecliptic obliquity = 23°28'46, Nutation = -0°00'08, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 20°39'21, Lahiri = 19°46'22Greg. Calendar

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F 1	18 33 20	8919'13	269911	59919	4 <b>Ⅱ</b> 23	19 <b>Ω</b> 39	28Ω17	11 <b>II</b> 22	11 <b>Ω</b> 21	23 <b>Υ</b> 19	21\$\Omega23\$	23°R 8	22 <b>Y</b> 24	1 <b>√</b> 18	6°R57	F 1
S 2	18 37 17	9°16'26	10 <b>Ω</b> 36	7°29	5°34	20°15	28°28	11°29	11°25	23°20	21°24	22 <b>Y</b> 58	22°21	1°25	6 <b>ප</b> 53	S 2
S 3	18 41 13	10°13'39	24°34	9°39	6°45	20°52	28°38	11°36	11°28	23°21	21°26	22°49	22°18	1°31	6°49	S 3
M 4	18 45 10	11°10'52	8 Mp 4	11°49	7°56	21°29	28°49	11°44	11°31	23°22	21°28	22°43	22°15	1°38	6°45	M 4
T 5	18 49 6	12° 8'04	21° 7	13°58	9° 7	22° 5	28°59	11°51	11°35	23°22	21°29	22°40	22°11	1°45	6°41	T 5
W 6	18 53 3	13° 5'16	3 <b>≏</b> 45	16° 7	10°18	22°42	29°10	11°58	11°38	23°23	21°31	22°38	22° 8	1°51	6°37	W 6
T 7	18 56 59	14° 2'29	16° 2	18°14	11°29	23°19	29°21	12° 5	11°41	23°24	21°32	22°38	22° 5	1°58	6°34	T 7
F 8	19 0 56	14°59'41	28° 5	20°20	12°40	23°55	29°32	12°12	11°45	23°24	21°34	22°38	22° 2	2° 5	6°30	F 8
S 9	19 4 52	15°56'53	9 <b>M</b> .58	22°25	13°51	24°32	29°43	12°19	11°48	23°25	21°35	22°37	21°59	2°11	6°26	S 9
S 10	19 8 49	16°54'05	21°47	24°29	15° 2	25° 9	29°54	12°26	11°52	23°26	21°37	22°34	21°56	2°18	6°22	S 10
M11	19 12 46	17°51'18	3 <b>₹</b> 36	26°31	16°14	25°46	0 Mp 5	12°33	11°55	23°26	21°39	22°29	21°52	2°25	6°19	M11
T 12	19 16 42	18°48'30	15°29	28°31	17°25	26°23	0°16	12°40	11°59	23°27	21°40	22°21	21°49	2°31	6°15	T 12
W13	19 20 39	19°45'43	2 <u>7</u> °30	$0\Omega 30$	18°36	26°59	0°27	12°46	12° 2	23°27	21°42	22°11	21°46	2°38	6°11	W13
T 14	19 24 35	20°42'56	9 <b>궁</b> 39	2°26	19°48	27°36	0°38	12°53	12° 6	23°28	21°44	21°58	21°43	2°45	6° 8	T 14
F 15	19 28 32	21°40'10	21°59	4°22	20°59	28°13	0°50	13° 0	12° 9	23°28	21°45	21°45	21°40	2°51	6° 4	F 15
S 16	19 32 28	22°37'24	4≈30	6°15	22°11	28°50	1° 1	13° 6	12°13	23°29	21°47	21°32	21°37	2°58	6° 0	S 16
S 17	19 36 25	23°34'38	17°12	8° 7	23°22	29°27	1°13	13°13	12°16	23°29	21°49	21°21	21°33	3° 5	5°57	S 17
M18	19 40 21	24°31'53	0 <b>米</b> 5	9°56	24°34	0Mp 4	1°24	13°20	12°20	23°29	21°51	21°11	21°30	3°12	5°53	M18
T 19	19 44 18	25°29'09	13°10	11°44	25°46	0°42	1°36	13°26	12°23	23°30	21°52	21° 4	21°27	3°18	5°50	T 19
W20	19 48 15	26°26'26	26°26	13°30	26°57	1°19	1°47	13°33	12°27	23°30	21°54	21° 1	21°24	3°25	5°46	W20
T 21	19 52 11	27°23'43	9 <b>Υ</b> 55	15°15	28° 9	1°56	1°59	13°39	12°31	23°30	21°56	20°59	21°21	3°32	5°43	T 21
F 22	19 56 8	28°21'01	23°38	16°58	29°21	2°33	2°11	13°45	12°34	23°30	21°58	20°59	21°17	3°38	5°39	F 22
S 23	20 0 4	29°18'21	7 <b>8</b> 36	18°39	0933	3°10	2°23	13°52	12°38	23°31	22° 0	20°59	21°14	3°45	5°36	S 23
S 24	20 4 1	0 <b>Ω</b> 15'41	21°48	20°18	1°45	3°48	2°34	13°58	12°42	23°31	22° 1	20°57	21°11	3°52	5°33	S 24
M25	20 7 57	1°13'03	6 <b>Ⅱ</b> 14	21°55	2°57	4°25	2°46	14° 4	12°45	23°31	22° 3	20°54	21° 8	3°58	5°29	M25
T 26	20 11 54	2°10'25	20°50	23°31	4° 9	5° 2	2°58	14°10	12°49	23°31	22° 5	20°48	21° 5	4° 5	5°26	T 26
W27	20 15 50	3° 7'49	5930	25° 5	5°21	5°40	3°10	14°16	12°53	23°31	22° 7	20°40	21° 2	4°12	5°23	W27
T 28	20 19 47	4° 5'14	20°10	26°37	6°34	6°17	3°22	14°22	12°56	23°R31	22° 9	20°29	20°58	4°18	5°20	T 28
F 29	20 23 44	5° 2'39	4 <b>Ω</b> 39	28° 7	7°46	6°55	3°34	14°28	13° 0	23°31	22°11	20°18	20°55	4°25	5°17	F 29
S 30	20 27 40	6° 0'06	18°52	29°36	8°58	7°32	3°47	14°34	13° 4	23°31	22°12	20° 8	20°52	4°32	5°14	S 30
S 31	20 31 37	6 <b>Ω</b> 57'33	2 Mp 43	1 Mp 2	109510	8 <b>m</b> 10	3 <b>m</b> 59	14∏40	13 <b>N</b> 7	23 <b>Y</b> 31	22 <b>\Omega</b> 14	19 <b>Y</b> 59	20 <b>Y</b> 49	4 <b>₹</b> 38	5 <b>ਰ</b> 11	S 31

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S 3 M 4 T 5 W 6 T 7	23 5 23 0 22 55 22 50 22 44	11 51 3 3 5 58 2 3 0 1 1 3	9 24 15	1 31 20 2 1 36 20 33	3 1 34 15 2 1 1 31 15 1 3 1 29 15	9 1 11 7 1 11 5 1 10		1 1 1 1 1 1 1 1 1 1	20 41 20 42 20 43 20 44 20 45	1 33 1 33 1 33		0 39 0 39 0 39	7 30 1 42 7 30 1 42 7 31 1 42 7 31 1 42 7 31 1 43	23 54 10 7 23 54 10 6	8 53 8 51 8 50 8 49 8 49	8 40 8 39	23 41 23 43 23 46 23 48 23 50	16 4 7 15 16 4 7 15 16 4 7 15
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S 10 M11 T 12 W13 T 14 F 15 S 16	22 17 22 9 22 1 21 53 21 44	24 9 3 1 26 41 4 28 0 4 3 28 0 4 5 26 37 5	8 23 2 9 22 41 1 22 17 3 21 52 3 21 25 0 20 57 2 20 27	1 49 21 29 1 50 21 38 1 50 21 4 1 49 21 50 1 48 22	0 1 17 14 3 1 15 13 4 7 1 12 13 3 6 1 10 13 2 8 1 7 13	1 1 8 8 1 7 5 1 7 2 1 6 9 1 6	12 24 12 20 12 16 12 12	1 1 1 1 1 0 1 0 1 0 1 0 1 0	20 50 20 51	1 33 1 33 1 33 1 33 1 33	17 53 17 52 17 51 17 50 17 49 17 48 17 47	0 38 0 38 0 38 0 38 0 38	7 31 1 43 7 32 1 43	23 51 10 6 23 50 10 6 23 49 10 6 23 49 10 6 23 48 10 6	8 48 8 46 8 43 8 39 8 34 8 29 8 25		24 2 24 4 24 6	
S 17 M18 T 19 W20 T 21 F 22 S 23	21 25 21 15 21 5 20 54 20 43 20 32 20 20	15 7 3 5 9 29 3 3 21 2 3n 3 0 5 9 24 0n1	5 18 50 6 18 16 8 17 41 4 17 5	1 40 22 22 1 36 22 28 1 32 22 33 1 27 22 33 1 22 22 40	3 0 59 12 2 3 0 56 12 1 3 0 54 12 7 0 51 11 4 0 0 48 11 3	8 1 4 5 1 4 1 1 4 7 1 3 3 1 3	12 0 11 56 11 52 11 47 11 43 11 39 11 35	1 0 1 0 1 0 1 0 1 0	20 55 20 56 20 56	1 33 1 33 1 33 1 33 1 33	17 46 17 45 17 44 17 43 17 42 17 41 17 40	0 38 0 38 0 38 0 38 0 38	7 32 1 43 7 33 1 43 7 33 1 44	23 46 10 5 23 45 10 5 23 45 10 5 23 44 10 5	8 20 8 17 8 14 8 13 8 12 8 12 8 12	8 24 8 23 8 21 8 20 8 19	24 10 24 12 24 13 24 15 24 17 24 19 24 21	16 7 7 14 16 8 7 14 16 8 7 14 16 8 7 14 16 9 7 13
S 24 M25 T 26 W27 T 28 F 29 S 30 S 31	19 55 19 43 19 29 19 16 19 2 18 48	24 55 3 3 3 27 30 4 2 28 12 4 5 5 5 23 51 4 5 19 23 4 2	1 14 36 1 13 58 1 13 20	1 4 22 4' 0 57 22 48 0 50 22 48 0 42 22 48 0 34 22 4' 0 26 22 48	7 0 40 10 5 8 0 37 10 3 8 0 34 10 2 8 0 31 10 7 0 29 9 5 6 0 26 9 4	1 1 1 7 1 1 3 1 0 9 1 0 4 0 59 0 0 59	11 22 11 17 11 13 11 9	1 0 1 0 1 0 1 0 1 0 1 0	21 0 21 0 21 1 21 2 21 2	1 33 1 33 1 33 1 33 1 33 1 33	17 39 17 37 17 36 17 35 17 34 17 33 17 32 17n31	0 38 0 38 0 38 0 38 0 38 0 38	7 32 1 44 7 32 1 44	23 41 10 5 23 40 10 5 23 40 10 5 23 39 10 5	8 12 8 10 8 8 8 5 8 1 7 57 7 53 7n50	8 16 8 14 8 13 8 12 8 11 8 10	24 23 24 25 24 27 24 29 24 31 24 33 24 35 24 s36	16 10 7 13 16 10 7 12 16 10 7 12 16 11 7 12 16 11 7 12

Julian Day Number = 2344709.5, Delta T = 12.09 sec Ecliptic obliquity =  $23^{\circ}28'46$ , Nutation = -  $0^{\circ}00'06$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^{\circ}39'25$ , Lahiri =  $19^{\circ}46'26$ Greg. Calendar

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Day	Sid.t	$\odot$	D	ğ	φ	ð	4	ħ	⊮	<del>\f</del>	Р	ß	ນ	Ç	<b>к</b> 0	Day
M 1	20 35 33	7 <b>Ω</b> 55'01	16 <b>m</b> 10	2 <b>m</b> ) 27	119523	8 <b>m</b> 47	4 Mp 11	14∏45	13 <b>Ω</b> 11	23°R31	22 <b>Ω</b> 16	19°R52	20 <b>Υ</b> 46	4 <b>₹</b> 45	5°R 8	M 1
T 2	20 39 30	8°52'30	29°11	3°51	12°35	9°25	4°23	14°51	13°15	23 <b>Y</b> 31	22°18	19 <b>Ƴ</b> 48	20°43	4°52	5 ろ 5	T 2
W 3	20 43 26	9°49'59	11 <b>≏</b> 50	5°12	13°48	10° 2	4°36	14°57	13°19	23°30	22°20	19°47	20°39	4°58	5° 2	W 3
T 4	20 47 23	10°47'29	24° 9	6°31	15° 0	10°40	4°48	15° 2	13°22	23°30	22°22	19°D47	20°36	5° 5	4°59	T 4
F 5	20 51 19	11°45'01	6 <b>M</b> .13	7°48	16°13	11°18	5° 0	15° 8	13°26	23°30	22°24	19°R47	20°33	5°12	4°57	F 5
S 6	20 55 16	12°42'33	18° 8	9° 4	17°25	11°56	5°13	15°13	13°30	23°30	22°26	19°47	20°30	5°18	4°54	S 6
S 7	20 59 13	13°40'06	29°58	10°17	18°38	12°33	5°25	15°18	13°33	23°29	22°28	19°45	20°27	5°25	4°51	S 7
M 8	21 3 9	14°37'39	11 <b>~</b> 49	11°28	19°51	13°11	5°38	15°24	13°37	23°29	22°30	19°42	20°23	5°32	4°49	M 8
T 9	21 7 6	15°35'14	23°46	12°37	21° 4	13°49	5°50	15°29	13°41	23°29	22°32	19°36	20°20	5°39	4°46	T 9
W10	21 11 2	16°32'50	5 <b>ਰ</b> 51	13°43	22°16	14°27	6° 3	15°34	13°45	23°28	22°33	19°28	20°17	5°45	4°44	W10
T 11	21 14 59	17°30'27	18° 9	14°48	23°29	15° 5	6°16	15°39	13°48	23°28	22°35	19°18	20°14	5°52	4°42	T 11
F 12	21 18 55	18°28'05	0≈41	15°49	24°42	15°43	6°28	15°44	13°52	23°27	22°37	19° 8	20°11	5°59	4°40	F 12
S 13	21 22 52	19°25'44	13°28	16°48	25°55	16°21	6°41	15°49	13°56	23°27	22°39	18°57	20° 8	6° 5	4°37	S 13
S 14	21 26 49	20°23'25	26°29	17°44	27° 8	16°59	6°54	15°54	14° 0	23°26	22°41	18°48	20° 4	6°12	4°35	S 14
M15	21 30 45	21°21'06	9 <b>)</b> (43	18°38	28°21	17°37	7° 6	15°58	14° 3	23°26	22°43	18°40	20° 1	6°19	4°33	M15
T 16	21 34 42	22°18'50	23°10	19°28	29°34	18°15	7°19	16° 3	14° 7	23°25	22°45	18°35	19°58	6°25	4°31	T 16
W17	21 38 38	23°16'34	6 <b>Υ</b> 46	20°15	0Ω47	18°54	7°32	16° 7	14°11	23°25	22°47	18°33	19°55	6°32	4°29	W17
T 18	21 42 35	24°14'20	20°32	20°58	2° 0	19°32	7°45	16°12	14°14	23°24	22°49	18°D32	19°52	6°39	4°27	T 18
F 19	21 46 31	25°12'08	4826	21°38	3°14	20°10	7°57	16°16	14°18	23°23	22°51	18°33	19°48	6°45	4°26	F 19
S 20	21 50 28	26° 9'58	18°28	22°14	4°27	20°48	8°10	16°21	14°22	23°23	22°53	18°34	19°45	6°52	4°24	S 20
S 21	21 54 24	27° 7'50	2Д36	22°46	5°40	21°27	8°23	16°25	14°25	23°22	22°55	18°R34	19°42	6°59	4°22	S 21
M22	21 58 21	28° 5'44	16°49	23°14	6°54	22° 5	8°36	16°29	14°29	23°21	22°57	18°32	19°39	7° 5	4°21	M22
T 23	22 2 18	29° 3'39	199 6	23°37	8° 7	22°43	8°49	16°33	14°33	23°20	22°59	18°29	19°36	7°12	4°19	T 23
W24	22 6 14	0 <b>m</b> ) 1'36	15°22	23°56	9°21	23°22	9° 2	16°37	14°36	23°19	23° 1	18°23	19°33	7°19	4°18	W24
T 25	22 10 11	0°59'35	29°35	24° 9	10°34	24° 0	9°15	16°41	14°40	23°19	23° 2	18°16	19°29	7°26	4°17	T 25
F 26	22 14 7	1°57'36	13 <b>N</b> 39	24°17	11°48	24°39	9°28	16°45	14°43	23°18	23° 4	18° 9	19°26	7°32	4°15	F 26
S 27	22 18 4	2°55'38	27°29	24°R19	13° 1	25°18	9°40	16°48	14°47	23°17	23° 6	18° 1	19°23	7°39	4°14	S 27
S 28	22 22 0	3°53'42	11 Mp 3	24°15	14°15	25°56	9°53	16°52	14°51	23°16	23° 8	17°55	19°20	7°46	4°13	S 28
M29	22 25 57	4°51'47	24°16	24° 5	15°29	26°35	10° 6	16°55	14°54	23°15	23°10	17°51	19°17	7°52	4°12	M29
T 30	22 29 53	5°49'55	7 <b>≏</b> 10	23°49	16°42	27°14	10°19	16°59	14°58	23°14	23°12	17°49	19°14	7°59	<u>4</u> °11	T 30
W31	22 33 50	6 Mp 48'03	19 <b>≏</b> 45	23 <b>m</b> 27	17 <b>Q</b> 56	27 <b>m</b> 52	10 <b>m</b> 32	17 <b>II</b> 2	15 <b>Ω</b> 1	23 <b>Y</b> 13	23 <b>\Omega</b> 14	17°D48	19 <b>Y</b> 10	8 <b>≯</b> 6	4 <b>궁</b> 10	W31

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M 1	18n19	8n 3	-				0 s20	9n11	0n58	10n55		21n		17n30			1 s44			7n47				7n11
T 2	18 4	1 58	1 47	10 7	0 0		0 17	8 56		10 51				17 29			1 44			7 46		24 40		7 11
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Julian Day Number = 2344740.5, Delta T = 12.07 sec Ecliptic obliquity =  $23^{\circ}28'47$ , Nutation = -  $0^{\circ}00'05$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^{\circ}39'30$ , Lahiri =  $19^{\circ}46'30$ Greg. Calendar

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T15 23 32 58 21°23'24 0849 11° 4 6°27 7°38 13°47 17°40 15°52 22°55 23°41 17°22 18°23 9°46 4° 8 T1. F16 23 36 55 22°22'00 15° 5 10°35 7°42 8°18 14° 0 17°41 15°55 22°53 23°43 17°23 18°20 9°53 4° 8 F16 S17 23 40 51 23°20'38 29°22 10°15 8°56 8°57 14°13 17°43 15°58 22°52 23°45 17°24 18°16 9°59 4° 9 S1′ S18 23 44 48 24°19'18 13∏38 10° 5 10°10 9°37 14°26 17°44 16° 1 22°51 23°47 17°26 18°13 10° 6 4° 9 S1′ M19 23 48 44 25°18'01 27°50 10°D 4 11°25 10°16 14°39 17°46 16° 5 22°49 23°48 17°R26 18°10 10°13 4°10 M1′ T20 23 52 41 26°16'46 11©55 10°13 12°39 10°56 14°52 17°47 16° 8 22°48 23°50 17°25 18° 7 10°19 4°11 T2′ W21 23 56 38 27°15'34 25°53 10°32 13°54 11°36 15° 4 17°48 16°11 22°46 23°52 17°24 18° 4 10°26 4°12 W2 T22 0 0 34 28°14'23 9Ω41 11° 1 15° 8 12°15 15°17 17°49 16°14 22°45 23°53 17°21 18° 0 10°33 4°13 T2′ F23 0 4 31 29°13'15 23°17 11°39 16°23 12°55 15°30 17°50 16°17 22°43 23°55 17°19 17°57 10°40 4°14 F2 S24 0 8 27 0 Ω12'09 6 M41 12°26 17°38 13°35 15°43 17°51 16°20 22°42 23°57 17°16 17°54 10°46 4°15 S2 M26 0 16 20 2°10'03 2 Ω45 14°22 20° 7 14°54 16° 8 17°52 16°28 22°39 24° 0 17°13 17°48 11° 0 4°18 M26 0 16 20 2°10'03 2 Ω45 14°22 20° 7 14°54 16° 8 17°52 16°28 22°39 24° 0 17°13 17°48 11° 0 4°18 M26 0 16 20 2°10'03 2 Ω45 14°22 20° 7 14°54 16° 8 17°52 16°28 22°37 24° 2 17°11 17°11 11°13 4°21 W27 W28 0 24 13 4°8'05 27°49 16°46 22°36 16°14 16°34 17°53 16°31 22°35 24° 3 17°13 17°48 11° 0 4°18 M28 0 24 13 4°8'05 27°49 16°46 22°36 16°14 16°34 17°53 16°31 22°35 24° 3 17°13 17°48 11° 10° 4°21 W28 0 24 13 4°8'05 27°49 16°46 22°36 16°14 16°34 17°53 16°31 22°35 24° 3 17°13 17°48 11° 11° 11° 11° 11° 11° 11° 11° 11° 11	T 13	23 25 5	19°26'18	2 <b>Y</b> 35	12°25	3°59	6°20	13°21	17°36	15°46	22°57	23°38	17°22	18°29	9°33	4° 7	T 13
F   16   23   36   55   22°22′00   15°   5   10°35   7°42   8°18   14°   0   17°41   15°55   22°53   23°43   17°23   18°20   9°53   4°   8   F   18   17   23   40   51   23°20′38   29°22   10°15   8°56   8°57   14°13   17°43   15°58   22°52   23°45   17°24   18°16   9°59   4°   9   S   18   23   24   48   24°19′18   13   13   13   10°   5   10°10   9°37   14°26   17°44   16°   1   22°51   23°47   17°26   18°13   10°   6   4°   9   S   18   18   18   18   18   18   18	W14	23 29 2	20°24'50	16°38	11°41	5°13	6°59	13°34	17°38	15°49	22°56	23°40	17°D21	18°26	9°39	4° 7	W14
S   17   23   40   51   23°20'38   29°22   10°15   8°56   8°57   14°13   17°43   15°58   22°52   23°45   17°24   18°16   9°59   4° 9   S   1   S   18   23   44   48   24°19'18   13   13   13   10° 5   10°10   9°37   14°26   17°44   16° 1   22°51   23°47   17°26   18°13   10° 6   4° 9   S   1   M19   23   48   44   25°18'01   27°50   10°D   4   11°25   10°16   14°39   17°46   16° 5   22°49   23°48   17°R26   18°10   10°13   4°10   M19   12°35   10°13   12°39   10°56   14°52   17°47   16° 8   22°48   23°50   17°25   18° 7   10°19   4°11   T   12°   12	T 15	23 32 58	21°23'24		11° 4	6°27	7°38	13°47	17°40	15°52	22°55	23°41	17°22	18°23		4° 8	T 15
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Mi9   23 48 44   25°18'01   27°50   10°D 4   11°25   10°16   14°39   17°46   16° 5   22°49   23°48   17°R26   18°10   10°13   4°10   Mir   T20   23 52 41   26°16'46   11©55   10°13   12°39   10°56   14°52   17°47   16° 8   22°48   23°50   17°25   18° 7   10°19   4°11   T20   12°36   13°34   11°36   15° 4   17°48   16°11   22°46   23°52   17°24   18° 4   10°26   4°12   W21   23 56 38   27°15'34   25°53   10°32   13°54   11°36   15° 4   17°49   16°14   22°46   23°52   17°24   18° 4   10°26   4°12   W21   12°20   0 34   28°14'23   9Ω41   11° 1   15° 8   12°15   15°17   17°49   16°14   22°45   23°53   17°21   18° 0   10°33   4°13   T2°18   10°40   10°40   4°14   12°18   10°40   10°40   4°14   12°40   10°40   4°14   12°40   10°40   4°14   12°40   10°40   4°14   12°40   10°40   4°14   10°40	S 17	23 40 51	23°20'38	29°22	10°15	8°56	8°57	14°13	17°43	15°58	22°52	23°45	17°24	18°16	9°59	4° 9	S 17
T20	S 18							_			-						S 18
W21   23 56 38   27°15'34   25°53   10°32   13°54   11°36   15° 4   17°48   16°11   22°46   23°52   17°24   18° 4   10°26   4°12   W2   T22   0 0 34   28°14'23   9Ω41   11° 1   15° 8   12°15   15°17   17°49   16°14   22°45   23°53   17°21   18° 0   10°33   4°13   T2°18   T2°		23 48 44	25°18'01		10°D 4			14°39			-						M19
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T 27         0 20 17         3° 903         15°24         15°31         21°22         15°34         16°21         17°52         16°28         22°37         24° 2         17°D12         17°45         11° 6         4°19         T 2           W28         0 24 13         4° 8′05         27°49         16°46         22°36         16°14         16°34         17°53         16°31         22°35         24° 3         17°13         17°41         11°13         4°21         W2           T 29         0 28 10         5° 7′09         10 ML         2         18° 7         23°51         16°54         16°46         17°53         16°34         22°34         24° 5         17°13         17°38         11°20         4°22         T 2°							_										S 25
W28         0 24 13         4° 8'05         27°49         16°46         22°36         16°14         16°34         17°53         16°31         22°35         24° 3         17°13         17°41         11°13         4°21         W2           T 29         0 28 10         5° 7'09         10 ML         2         18° 7         23°51         16°54         16°46         17°53         16°34         22°34         24° 5         17°13         17°38         11°20         4°22         T 2°				_			_					-					M26
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							-					-			_		W28
F30  032  7  6♀ 6'15 22M, 3 19M32 25Mp 6 17♀34 16Mp59 17∏53 16Ω37 22Ŷ32 24Ω 6 17Ŷ14 17Ŷ35 11⊀26  4♂24 F39												-					T 29
	F 30	0 32 7	6 <b>₽</b> 6'15	22 <b>M</b> 3	19 <b>m</b> 32	25 Mg 6	17 <b>≙</b> 34	16 <b>M</b> 59	17 <b>II</b> 53	16 <b>Ω</b> 37	22 <b>Y</b> 32	24 <b>Ω</b> 6	17 <b>Υ</b> 14	17 <b>Y</b> 35	11 <b>×</b> 26	4 <b>⋜</b> 24	F 30

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	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl	decl	decl	decl lat
T 1 F 2 S 3	8n40 8 18 7 56	18 18 2 18	1s13 4s2 0 59 4 2 0 42 4 2	2 15 39 0 59	1n14 0n42 0 58 0 42 0 42 0 41	8n28 1n 0 8 23 1 0 8 18 1 0	21 16 1 36	16n57 0n39 16 56 0 39 16 55 0 39	7 23 1 46		7n 0 7 1 7 1		5 35	16s27 6n58 16 28 6 58 16 28 6 57
S 4 M 5 T 6 W 7 T 8	7 34 7 12 6 50 6 28 6 5	27 39 4 35 28 28 4 59	0 20 4 1 0n 5 4 1 0 33 4 1 4 3 5 1 38 3 4	1 14 31 1 4 4 14 8 1 6 5 13 44 1 7	0 26 0 41 0 10 0 40 0s 6 0 39 0 22 0 39 0 38 0 38	8 4 1 0 7 59 1 0	21 16 1 36 21 16 1 37	16 52 0 39 16 51 0 39	7 22 1 46 7 22 1 46 7 21 1 46 7 21 1 46 7 20 1 46	23 17 10 8 23 16 10 8 23 16 10 8	7 2 7 1 7 1 6 59 6 58		5 40 5 41 5 43	16 30 6 55
F 9 S 10	5 43 5 20	_	2 14 3 3 2 51 3 1		0 54 0 38 1 10 0 37			16 49 0 39 16 48 0 39	7 20 1 46 7 19 1 46		6 56 6 54	7 20 2 7 19 2		
S 11 M12 T 13 W14 T 15 F 16 S 17	4 57 4 34 4 11 3 48 3 25 3 2 2 39		4 42 2 2 5 17 2 5 49 1 4 6 19 1 2	2 11 40 1 15 3 11 15 1 16 4 10 49 1 17 4 10 22 1 18	1 26 0 37 1 42 0 36 1 58 0 36 2 14 0 35 2 30 0 35 2 46 0 34 3 2 0 34	7 34 1 0 7 29 1 0 7 24 1 1 7 19 1 1 7 14 1 1	21 17 1 37 21 17 1 37 21 17 1 37 21 17 1 37 21 17 1 38	16 46 0 39 16 45 0 39 16 44 0 39	7 18 1 46 7 18 1 46 7 17 1 46 7 17 1 46 7 16 1 46	23 14 10 9 23 13 10 9 23 13 10 9 23 12 10 10	6 52 6 51 6 50 6 50 6 50 6 50 6 51	7 18 2 7 17 2 7 15 2 7 14 2 7 13 2 7 12 2 7 11 2	25 51 25 53 25 54 25 56 25 57	16 33 6 52 16 33 6 52 16 34 6 51 16 34 6 51 16 35 6 50
S 18 M19 T 20 W21 T 22 F 23 S 24	1 52 1 29 1 6 0 42	28 9 5 13 26 6 5 11 22 32 4 51 17 47 4 15	7 46 0n 7 49 0 2	6 8 34 1 22 8 8 6 1 23 8 7 38 1 24 4 7 9 1 24 9 6 41 1 25	3 18 0 33 3 35 0 33 3 51 0 32 4 7 0 31 4 23 0 31 4 39 0 30 4 55 0 30	6 59 1 1 6 55 1 1 6 50 1 1 6 45 1 1 6 40 1 1	21 17 1 38 21 17 1 38	16 39 0 39 16 38 0 39 16 37 0 39	7 14 1 46 7 14 1 47 7 13 1 47 7 13 1 47	23 10 10 11 23 10 10 11 23 10 10 11 23 9 10 11	6 51 6 51 6 51 6 50 6 49 6 48 6 48	7 8 2 7 7 2 7 6 2 7 5 2 7 3 2	26 2 26 4 26 5 26 7 26 8	16 36 6 49 16 36 6 49 16 37 6 48 16 37 6 48 16 38 6 47 16 38 6 47 16 39 6 46
S 25 M26 T 27 W28 T 29 F 30	0 28 0 52 1 15 1 39 2 2 2 s26	6 16 2 25 0 7 1 19 5s55 0 10 11 38 0s58 16 47 2 3 21s14 3s 1	7 33 1 7 19 1 1 7 0 1 2 6 39 1 3 6 13 1 3 5n45 1n4	4 4 45 1 27 2 4 16 1 27 9 3 47 1 27	5 11 0 29 5 26 0 29 5 42 0 28 5 58 0 28 6 14 0 27 6s30 0n27	6 25 1 1 6 20 1 1 6 15 1 2 6 11 1 2	21 17 1 39 21 17 1 39 21 17 1 39 21 17 1 39	16 33 0 39 16 32 0 39	7 10 1 47 7 10 1 47 7 9 1 47 7 9 1 47	23 8 10 12 23 8 10 12 23 8 10 13	6 47 6 46 6 46 6 46 6 46 6n47		6 13 6 14 6 16 6 17	16 41 6 44 16 41 6 44

 $\label{eq:Julian Day Number = 2344771.5} \ Delta\ T = 12.05\ sec$  Ecliptic obliquity = 23°28'47, Nutation = -0°00'05, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 20°39'34, Lahiri = 19°46'34Greg. Calendar

OCTOBER 1707 00:00 UT

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Day	Sid.t	0	D	ğ	φ	ď	4	ħ	)Å(	并	Р	n	v	Ç	ķ	Day
S 1	0 36 3	7 <b>º</b> 5'23	3 <b>∡</b> 757	21 m/ 1	26 <b>m</b> 21	18 <b>≙</b> 14	17 Mp 12	17°R53	16 <b>Ω</b> 39	22°R31	24 <b>N</b> 8	17 <b>Y</b> 15	17 <b>Y</b> 32	11 <b>×</b> 33	4 <b>る</b> 25	S 1
S 2	0 40 0	8° 4'33	15°48	22°34	27°36	18°55	17°24	17 <b>Ⅱ</b> 53	16°42	22 <b>Y</b> 29	24° 9	17°16	17°29	11°40	4°27	S 2
M 3	0 43 56	9° 3'45	27°40	24° 9	28°51	19°35	17°37	17°53	16°45	22°27	24°11	17°17	17°26	11°47	4°29	M 3
T 4	0 47 53	10° 2'58	9 <b>궁</b> 37	25°47	0 <b>♀</b> 5	20°15	17°49	17°53	16°47	22°26	24°12	17°R17	17°22	11°53	4°31	T 4
W 5	0 51 49	11° 2'13	21°43	27°27	1°20	20°55	18° 2	17°52	16°50	22°24	24°14	17°17	17°19	12° 0	4°33	W 5
T 6	0 55 46	12° 1'30	4∞ 5	29° 8	2°35	21°36	18°14	17°52	16°52	22°23	24°15	17°17	17°16	12° 7	4°35	T 6
F 7	0 59 42	13° 0'49	16°45	0 <b>ჲ</b> 50	3°50	22°16	18°27	17°51	16°55	22°21	24°16	17°16	17°13	12°13	4°37	F 7
S 8	1 3 39	14° 0'09	29°46	2°33	5° 5	22°56	18°39	17°50	16°57	22°19	24°18	17°16	17°10	12°20	4°40	S 8
S 9	1 7 36	14°59'32	13 <b>∺</b> 11	4°17	6°20	23°37	18°51	17°50	16°59	22°18	24°19	17°15	17° 6	12°27	4°42	S 9
M10	1 11 32	15°58'56	27° 0	6° 1	7°35	24°17	19° 4	17°49	17° 2	22°16	24°20	17°15	17° 3	12°33	4°44	M10
T 11	1 15 29	16°58'22	11 <b>Y</b> 10	7°45	8°50	24°58	19°16	17°48	17° 4	22°14	24°22	17°15	17° 0	12°40	4°47	T 11
W12	1 19 25	17°57'50	25°37	9°30	10° 5	25°38	19°28	17°46	17° 6	22°13	24°23	17°15	16°57	12°47	4°50	W12
T 13	1 23 22	18°57'20	10816	11°14	11°20	26°19	19°40	17°45	17° 9	22°11	24°24	17°15	16°54	12°54	4°52	T 13
F 14	1 27 18	19°56'52	25° 0	12°58	12°35	27° 0	19°52	17°44	17°11	22° 9	24°26	17°15	16°51	13° 0	4°55	F 14
S 15	1 31 15	20°56'27	9∏42	14°41	13°50	27°41	20° 4	17°42	17°13	22° 8	24°27	17°15	16°47	13° 7	4°58	S 15
S 16	1 35 11	21°56'04	24°17	16°25	15° 5	28°21	20°16	17°41	17°15	22° 6	24°28	17°14	16°44	13°14	5° 1	S 16
M17	1 39 8	22°55'44	8939	18° 8	16°21	29° 2	20°28	17°39	17°17	22° 4	24°29	17°14	16°41	13°20	5° 4	M17
T 18	1 43 5	23°55'25	22°45	19°50	17°36	29°43	20°40	17°37	17°19	22° 3	24°30	17°D14	16°38	13°27	5° 7	T 18
W19	1 47 1	24°55'09	6 <b>Ω</b> 34	21°32	18°51	0 <b>M</b> 24	20°52	17°35	17°21	22° 1	24°32	17°14	16°35	13°34	5°10	W19
T 20	1 50 58	25°54'55	20° 7	23°13	20° 6	1° 5	21° 4	17°33	17°23	21°59	24°33	17°14	16°31	13°40	5°13	T 20
F 21	1 54 54	26°54'44	3 <b>m</b> 22	24°54	21°21	1°46	21°15	17°31	17°25	21°57	24°34	17°15	16°28	13°47	5°16	F 21
S 22	1 58 51	27°54'34	16°23	26°34	22°36	2°27	21°27	17°29	17°27	21°56	24°35	17°16	16°25	13°54	5°19	S 22
S 23	2 2 47	28°54'27	29° 9	28°14	23°52	3° 8	21°38	17°26	17°28	21°54	24°36	17°17	16°22	14° 1	5°23	S 23
M24	2 6 44	29°54'21	11 <b>≏</b> 43	29°53	25° 7	3°49	21°50	17°24	17°30	21°52	24°37	17°R17	16°19	14° 7	5°26	M24
T 25	2 10 40	0 <b>M</b> .54'18	24° 5	1 <b>M</b> 32	26°22	4°30	22° 1	17°21	17°32	21°51	24°38	17°17	16°16	14°14	5°30	T 25
W26	2 14 37	1°54'17	6 <b>M</b> .18	3°10	27°37	5°12	22°13	17°19	17°33	21°49	24°39	17°17	16°12	14°21	5°33	W26
T 27	2 18 34	2°54'17	18°22	4°48	28°53	5°53	22°24	17°16	17°35	21°48	24°40	17°15	16° 9	14°27	5°37	T 27
F 28	2 22 30	3°54'20	0 <b>√</b> 19	6°25	OM 8	6°34	22°35	17°13	17°36	21°46	24°41	17°13	16° 6	14°34	5°40	F 28
S 29	2 26 27	4°54'24	12°11	8° 2	1°23	7°16	22°47	17°10	17°38	21°44	24°41	17°10	16° 3	14°41	5°44	S 29
S 30	2 30 23	5°54'30	2 <u>4</u> ° 1	9°38	2°39	7°57	22°58	17° 7	17°39	21°43	24°42	17° 7	16° 0	14°47	<u>5°48</u>	S 30
M31	2 34 20	6M54'38	5 <b>궁</b> 52	11 <b>M</b> .14	3 <b>M</b> .54	8M39	23 mg 9	17 <b>I</b> 4	17 <b>Ω</b> 40	21 <b>Y</b> 41	24 <b>Ω</b> 43	17 <b>⋎</b> 4	15 <b>℃</b> 57	14 <b>₹</b> 54	5 <b>ろ</b> 52	M31

Day	0	D		ğ		φ		d	7	2	+	ħ	l	);	ł(	4		E	2	រា	Ω	Ç	Š	j
	decl	decl la	nt	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	2 s49	24 s45	3 s 5 1	5n14	1n49	2n47	1n27	6 s46	0n26	6n 1	1n 2	21n17	1 s39	16n30	0n39	7n 7	1 s47	23n 7	10n13	6n47	6n54	26 s 20	16s42	6n43
S 2	3 13	27 12	4 31	4 40	1 52	2 17	1 27	7 2	0 25	5 56	1 2	21 17	1 39	16 29	0 40	7 7	1 47	23 7	10 14	6 48	6 52	26 22	16 42	6 42
M 3	3 36		4 59	4 5	1 55	1 48	1 27	7 17	0 25	5 51	1 2		1 39		0 40	7 6	1 47	23 6	10 14	6 48		26 23		6 42
T 4	3 59		5 14	3 27	1 56	1 18	1 27	7 33	0 24	5 46	1 2		1 39		0 40	7 5	1 47	23 6		6 48		26 24		6 41
W 5	4 22		5 16	2 48	1 56	0 48	1 27	7 49	0 24	5 42	1 2		1 40		0 40	7 5	1 47	23 6		6 48		26 26		6 41
T 6 F 7	4 46 5 9		5 4	2 7	1 56	0 18	1 26 1 26	8 4	0 23 0 23	5 37 5 32	1 2		1 40 1 40		0 40 0 40	7 4 7 4	1 47 1 47	23 6 23 5	10 15 10 15	6 48		26 27 26 29		6 40 6 40
S 8	5 32		4 36 3 54	1 26 0 43	1 55 1 53	0s13 0 43	1 26	8 20 8 35	0 23	5 27		21 16		16 25 16 25	0 40	7 3	1 47		10 15	6 48		26 29		6 39
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S 9	5 55	-	2 58	0s 0	1 51	1 13	1 25	8 51	0 22	5 23		-		16 24	0 40	7 2	1 47		10 16			26 31		6 39
M10	6 18		1 50	0 44	1 48	1 43	1 25	9 6	0 21	5 18	1 3		1 40		0 40	7 2	1 47	23 5		6 47		26 33		6 38
T 11 W12	6 41 7 4		0 34 0n46	1 29 2 13	1 45 1 41	2 13 2 43	1 24 1 24	9 22 9 37	0 20 0 20	5 13 5 9	1 3		1 40 1 40		0 40 0 40	7 1 7 0	1 47 1 47	23 5 23 4	10 16 10 17	6 47 6 47		26 34 26 36		6 38 6 37
T 13	7 26		2 4	2 58	1 37	3 13	1 23	9 52	0 19	5 4	1 3		1 40		0 40	7 0	1 47		10 17	6 47		26 37		6 37
F 14	7 49		3 14	3 43	1 32	3 43		10 8	0 19	4 59	1 3		1 40		0 40	6 59	1 47		10 17	6 47		26 38		6 36
S 15	8 11		4 12	4 27	1 27	4 13		10 23	0 18	4 55		21 15		16 20		6 59	1 47		10 18	6 47		26 40		6 36
S 16	8 34	28 13	4 52	5 12	1 22	4 43	1 20	10 38	0 18	4 50	1 3	21 14	1 40	16 20	0 40	6 58	1 47	23 4	10 18	6 47	6 35	26 41	16 48	6 35
M17	8 56	28 25	5 14	5 56	1 17	5 13	1 19	10 53	0 17	4 45	1 4		1 41	16 19	0 40	6 57	1 47	23 4	10 18	6 47	6 34	26 42	16 48	6 35
T 18	9 18	26 44	5 16	6 41	1 11	5 43	1 18	11 8	0 16	4 41	1 4	21 14	1 41	16 18	0 40	6 57	1 47	23 4	10 19	6 47	6 33	26 44	16 49	6 34
W19	9 40	23 29	4 59	7 24	1 5	6 12	1 17	11 23	0 16	4 36	1 4	21 14	1 41	16 18	0 40	6 56	1 47	23 4	10 19	6 47	6 32	26 45	16 49	6 34
T 20	10 2	19 1	4 26	8 8	0 59	6 42	1 16	11 38	0 15	4 32	1 4	21 13	1 41	16 17	0 40	6 55	1 47	-	10 19	6 47		26 46		6 33
F 21	10 23	-	3 40	8 50	0 53	7 11	-	11 53	0 15	4 27		21 13	1 41	16 17	0 40	6 55	1 47	-	10 20	6 47		26 48		6 33
S 22	10 45	7 53	2 43	9 33	0 46	7 40	1 14	12 7	0 14	4 23	1 4	21 13	1 41	16 16	0 40	6 54	1 47	23 3	10 20	6 48	6 28	26 49	16 50	6 32
S 23	11 6	1 51	1 39	10 15	0 40	8 9	1 12	12 22	0 14	4 18	1 4	21 13	1 41	16 16	0 40	6 54	1 47	23 3	10 20	6 48	6 27	26 50	16 50	6 32
M24	11 27		0 31	10 56	0 33	8 38		12 37	0 13	4 14	1 4		1 41	16 15	0 40	6 53	1 47	23 3	10 21	6 48		26 52		6 32
T 25	11 48	,		11 37	0 27	9 7		12 51	0 12	4 10	1 5		1 41	16 15		6 52	1 47	23 3		6 48		26 53		6 31
W26	12 9			12 17	0 20	9 35		13 5	0 12	4 5	1 5		1 41	-		6 52	1 47	23 3		6 48		26 54		6 31
T 27	12 30			12 56		10 3		13 20	0 11	4 1	1 5		1 41	-		6 51	1 47	23 3		6 47		26 55		6 30
F 28 S 29	12 50			13 35 14 13		10 31 10 59		13 34 13 48	0 11 0 10	3 56 3 52	1 5	21 11 21 11	1 41 1 41			6 51 6 50	1 47 1 47		10 22 10 22	6 46 6 45		26 57 26 58		6 30 6 30
S 30				14 50	0 7			14 2	0 10	3 48	-	21 10		16 13		6 49	1 47		10 23	6 44		26 59		6 29
M31	13 s5 l	28 s29	5s 9	15 s26	0s14	11s54	In 0	14s16	0n 9	3n44	In 6	21n10	1 s41	16n12	0n41	6n49	I s47	23n 4	10n23	6n43	6n17	27s 0	16s53	6n29

Julian Day Number = 2344801.5, Delta T = 12.03 sec Ecliptic obliquity =  $23^{\circ}28'47$ , Nutation = -  $0^{\circ}00'06$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^{\circ}39'38$ , Lahiri =  $19^{\circ}46'38$ Greg. Calendar

NOVEMBER 1707 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂	4	ħ	)ф(	卉	Р	N.	U	Ç	, k	Day
T 1	2 38 16	7 <b>M</b> 54'48	17 <b>云</b> 48	12ML50	5 <b>M</b> 9	9 <b>M</b> 20	23 m/20	17°R 1	17 <b>Ω</b> 42	21°R39	24₽44	17°R 2	15 <b>Y</b> 53	15 <b>×7</b> 1	5 <b>云</b> 56	T 1
W 2	2 42 13	8°54'58	29°52	14°25	6°25	10° 2	23°30	16耳58	17°43	21 <b>Y</b> 38	24°45	17 <b>Y</b> 0	15°50	15° 8	6° 0	W 2
T 3	2 46 9	9°55'11	12≈ 9	15°59	7°40	10°44	23°41	16°54	17°44	21°36	24°45	17°D 0	15°47	15°14	6° 4	T 3
F 4	2 50 6	10°55'25	24°43	17°34	8°55	11°25	23°52	16°51	17°45	21°35	24°46	17° 1	15°44	15°21	6° 8	F 4
S 5	2 54 3	11°55'40	7 <b>)</b> €39	19° 7	10°11	12° 7	24° 3	16°47	17°46	21°33	24°47	17° 2	15°41	15°28	6°12	S 5
S 6	2 57 59	12°55'57	21° 1	20°41	11°26	12°49	24°13	16°44	17°47	21°32	24°47	17° 4	15°37	15°34	6°16	S 6
M 7	3 1 56	13°56'15	4 <b>Υ</b> 49	22°14	12°41	13°31	24°24	16°40	17°48	21°30	24°48	17° 5	15°34	15°41	6°21	M 7
T 8	3 5 52	14°56'35	19° 5	23°47	13°57	14°13	24°34	16°36	17°49	21°28	24°49	17°R 5	15°31	15°48	6°25	T 8
W 9	3 9 49	15°56'56	3 <b>8</b> 45	25°20	15°12	14°54	24°44	16°32	17°50	21°27	24°49	17° 5	15°28	15°54	6°29	W 9
T 10	3 13 45	16°57'19	18°43	26°52	16°27	15°36	24°54	16°29	17°51	21°26	24°50	17° 2	15°25	16° 1	6°34	T 10
F 11	3 17 42	17°57'44	3 <b>II</b> 51	28°24	17°43	16°18	25° 4	16°25	17°52	21°24	24°50	16°58	15°22	16° 8	6°38	F 11
S 12	3 21 38	18°58'10	18°59	29°55	18°58	17° 1	25°14	16°21	17°52	21°23	24°51	16°54	15°18	16°15	6°43	S 12
S 13	3 25 35	19°58'39	3958	1 <b>才</b> 27	20°13	17°43	25°24	16°16	17°53	21°21	24°51	16°49	15°15	16°21	6°48	S 13
M14	3 29 32	20°59'09	18°39	2°58	21°29	18°25	25°34	16°12	17°54	21°20	24°52	16°45	15°12	16°28	6°52	M14
T 15	3 33 28	21°59'41	2 <b>Ω</b> 57	4°29	22°44	19° 7	25°44	16° 8	17°54	21°18	24°52	16°42	15° 9	16°35	6°57	T 15
W16	3 37 25	23° 0'14	16°51	5°59	24° 0	19°49	25°53	16° 4	17°55	21°17	24°52	16°40	15° 6	16°41	7° 2	W16
T 17	3 41 21	24° 0'50	0 <b>m</b> 20	7°30	25°15	20°32	26° 3	15°59	17°55	21°16	24°53	16°D40	15° 3	16°48	7° 7	T 17
F 18	3 45 18	25° 1'27	13°26	8°59	26°31	21°14	26°12	15°55	17°55	21°14	24°53	16°41	14°59	16°55	7°11	F 18
S 19	3 49 14	26° 2'06	26°12	10°29	27°46	21°56	26°22	15°51	17°56	21°13	24°53	16°43	14°56	17° 2	7°16	S 19
S 20	3 53 11	27° 2'46	8 <b>≏</b> 42	11°58	29° 1	22°39	26°31	15°46	17°56	21°12	24°53	16°44	14°53	17° 8	7°21	S 20
M21	3 57 7	28° 3'28	21° 0	13°27	0 <b>才</b> 17	23°21	26°40	15°41	17°56	21°10	24°54	16°R44	14°50	17°15	7°26	M21
T 22	4 1 4	29° 4'12	3M 8	14°56	1°32	24° 4	26°49	15°37	17°56	21° 9	24°54	16°43	14°47	17°22	7°31	T 22
W23	4 5 1	0 <b>∡</b> 4'57	15° 9	16°24	2°48	24°47	26°58	15°32	17°56	21° 8	24°54	16°39	14°43	17°28	7°36	W23
T 24	4 8 57	1° 5'44	27° 5	17°51	4° 3	25°29	27° 6	15°27	17°R56	21° 7	24°54	16°33	14°40	17°35	7°41	T 24
F 25	4 12 54	2° 6'32	8 <b>₹</b> 58	19°18	5°19	26°12	27°15	15°23	17°56	21° 5	24°54	16°25	14°37	17°42	7°47	F 25
S 26	4 16 50	3° 7'21	20°49	20°44	6°34	26°55	27°23	15°18	17°56	21° 4	24°54	16°16	14°34	17°48	7°52	S 26
S 27	4 20 47	4° 8'11	2 <b>ප්</b> 40	22° 9	7°49	27°38	27°32	15°13	17°56	21° 3	24°R54	16° 6	14°31	17°55	7°57	S 27
M28	4 24 43	5° 9'02	14°33	23°33	9° 5	28°20	27°40	15° 8	17°56	21° 2	24°54	15°57	14°28	18° 2	8° 2	M28
T 29	4 28 40	6° 9'55	26°30	24°57	10°20	29° 3	27°48	15° 4	17°56	21° 1	24°54	15°48	14°24	18° 9	<u>8°</u> 8	T 29
W30	4 32 36	7 <b>.7</b> 10'48	8 <b>≈</b> 33	26 <b>×</b> 19	11 <b>×</b> 736	29 <b>M</b> .46	27 Mp 56	14∏59	17 <b>Ω</b> 55	21 <b>°</b> 0	24€54	15 <b>Ƴ</b> 42	14 <b>Υ</b> 21	18 <b>∡</b> 15	8 <b>云</b> 13	W30

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F 4 S 5	14 49 15 8 15 26	17 13 4 9	17 11 0 3 17 44 0 4 18 17 0 4	0 13 40 0 53		3 31 1 6 3 27 1 6 3 23 1 6	21 9 1 42	16 11 0 41	6 46 1 47 6 46 1 47	23 4 10 24	6 41 6 42 6 42	6 13 27 4 6 12 27 5 6 11 27 6	16 53 6 27
S 6 M 7 T 8	15 45 16 3 16 21	5 41 2 18 0n54 1 7 7 39 0n11	18 48 0 5 19 18 0 5 19 48 1	9 14 56 0 47	15 37 0 5 15 51 0 5 16 4 0 4	3 19 1 6 3 15 1 7 3 11 1 7	21 7 1 42		6 45 1 47 6 45 1 47 6 44 1 47	23 4 10 26	6 43 6 43 6 43	6 10 27 8 6 8 27 9 6 7 27 10	16 54 6 26 16 54 6 26 16 54 6 26
W 9 T 10 F 11	16 38 16 56 17 13	14 12 1 30 20 3 2 44	20 17 1 1 20 44 1 1 21 11 1 2	1 15 44 0 43 7 16 8 0 41	16 17 0 4 16 30 0 3 16 42 0 2	3 7 1 7 3 3 1 7 2 59 1 7	21 7 1 42 21 6 1 42	16 10 0 41 16 10 0 41	6 44 1 47 6 43 1 47 6 43 1 47	23 5 10 26 23 5 10 27	6 43 6 42 6 41	6 6 27 11 6 5 27 12 6 3 27 13	16 54 6 25 16 54 6 25
S 12 S 13 M14	17 46	28 29 5 4	21 36 1 2 22 1 1 3 22 24 1 3	4 17 17 0 34	16 55 0 2 17 7 0 1 17 20 0 1	2 56 1 8 2 52 1 8 2 48 1 8	21 5 1 42	16 9 0 41	6 42 1 47 6 42 1 47 6 41 1 47	23 5 10 28	6 39 6 37 6 35	6 2 27 15 6 1 27 16 6 0 27 17	16 55 6 24
T 15 W16 T 17	18 18 18 33	24 23 4 59 20 6 4 30	22 46 1 4 23 8 1 4	4 18 0 0 30 9 18 21 0 28	17 32 0 0 17 44 0s 1	2 44 1 8 2 41 1 8	21 4 1 42 21 4 1 42	16 9 0 41 16 9 0 41	6 41 1 47 6 40 1 47	23 6 10 29 23 6 10 29	6 34 6 34	5 59 27 18 5 57 27 19 5 56 27 20	16 55 6 23 16 55 6 23
F 18 S 19	19 3 19 18	9 10 2 51	23 46 1 5	8 19 2 0 23	17 56 0 1 18 8 0 2 18 19 0 2	2 37 1 8 2 34 1 9 2 30 1 9	21 3 1 42	16 8 0 41	6 40 1 46 6 39 1 46 6 39 1 46	23 6 10 30	6 34 6 34 6 35	5 55 27 21 5 54 27 22	16 55 6 23
S 20 M21 T 22	19 32 19 46 19 59	8 34 0s23	-	9 19 59 0 16	18 31 0 3 18 42 0 4 18 53 0 4	2 27 1 9 2 23 1 9 2 20 1 9	21 1 1 42	16 8 0 42	6 38 1 46 6 38 1 46 6 37 1 46	23 7 10 31	6 35 6 35 6 35	5 52 27 23 5 51 27 25 5 50 27 26	16 55 6 22
W23 T 24 F 25	20 25		25 13 2 1	8 20 51 0 9	19 4 0 5 19 15 0 5 19 26 0 6	2 17 1 10 2 13 1 10 2 10 1 10	21 0 1 42	16 8 0 42	6 37 1 46 6 37 1 46 6 36 1 46	23 8 10 32	6 33 6 31 6 28	5 49 27 27 5 47 27 28 5 46 27 29	16 55 6 21
	20 49	27 46 4 37	25 31 2 2	2 21 22 0 4	19 37 0 7 19 47 0 7	2 7 1 10	20 59 1 42 20 59 1 42	16 9 0 42	6 36 1 46	23 9 10 33	6 24 6 21	5 45 27 30 5 44 27 31	16 55 6 20
T 29	21 22	25 49 5 1	25 47 2 2	4 22 5 0 3	19 57 0 8 20 7 0 8 20 s17 0s 9	1 58 1 11	20 58 1 41		6 35 1 46		6 17 6 14 6n11	5 43 27 32 5 41 27 33 5n40 27s34	16 55 6 20

Julian Day Number = 2344832.5, Delta T = 12.01 sec Ecliptic obliquity = 23°28'47, Nutation = -0°00'06, out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^\circ39'42$ , Lahiri =  $19^\circ46'43$ Greg. Calendar

DECEMBER 1707 00:00 UT

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Day	Sid.t	0	D	ğ	φ	ď	4	ħ	)ұ(	并	В	S.	v	Ç	ķ	Day
T 1	4 36 33	8 <b>×</b> 11'42	20≈48	27 <b>×</b> <sup>7</sup> 39	12 <b>√</b> 51	0 <b>∡</b> 129	28Mp 4	14°R54	17°R55	20°R59	24°R54	15°R38	14 <b>Υ</b> 18	18 <b>×</b> 22	8 <b>ට</b> 18	T 1
F 2	4 40 30	9°12'37	3 <b>∺</b> 17	28°58	14° 7	1°12	28°12	14∏49	17 <b>Ω</b> 55	20 <b>Υ</b> 58	24 <b>Ω</b> 54	15 <b>Y</b> 36	14°15	18°29	8°24	F 2
S 3	4 44 26	10°13'32	16° 5	0 <b>궁</b> 15	15°22	1°55	28°19	14°44	17°54	20°57	24°54	15°D36	14°12	18°35	8°29	S 3
S 4	4 48 23	11°14'29	29°17	1°30	16°37	2°39	28°27	14°39	17°54	20°56	24°54	15°37	14° 9	18°42	8°35	S 4
M 5	4 52 19	12°15'26	12 <b>Y</b> 55	2°42	17°53	3°22	28°34	14°34	17°53	20°55	24°53	15°R38	14° 5	18°49	8°40	M 5
T 6	4 56 16	13°16'23	27° 2	3°51	19°8	4° 5	28°41	14°29	17°52	20°54	24°53	15°37	14° 2	18°56	8°45	T 6
W 7	5 0 12	14°17'21	11837	4°57	20°24	4°48	28°48	14°24	17°52	20°53	24°53	15°35	13°59	19° 2	8°51	W 7
T 8	5 4 9	15°18'20	26°37	5°59	21°39	5°32	28°55	14°19	17°51	20°53	24°52	15°29	13°56	19° 9	8°57	T 8
F 9	5 8 5	16°19'20	11 <b>II</b> 53	6°56	22°55	6°15	29° 2	14°14	17°50	20°52	24°52	15°22	13°53	19°16	9° 2	F 9
S 10	5 12 2	17°20'21	27°15	7°48	24°10	6°58	29° 9	14° 9	17°49	20°51	24°52	15°12	13°49	19°22	9° 8	S 10
S 11	5 15 59	18°21'22	12931	8°33	25°25	7°42	29°15	14° 4	17°49	20°50	24°51	15° 3	13°46	19°29	9°13	S 11
M12	5 19 55	19°22'25	27°31	9°12	26°41	8°25	29°21	13°59	17°48	20°50	24°51	14°53	13°43	19°36	9°19	M12
T 13	5 23 52	20°23'28	12 <b>0</b> 6	9°44	27°56	9° 9	29°27	13°55	17°47	20°49	24°51	14°46	13°40	19°43	9°25	T 13
W14	5 27 48	21°24'32	26°11	10° 7	29°12	9°53	29°33	13°50	17°46	20°48	24°50	14°41	13°37	19°49	9°31	W14
T 15	5 31 45	22°25'36	9 <b>m</b> /47	10°20	0 <b>る</b> 27	10°36	29°39	13°45	17°44	20°48	24°50	14°38	13°34	19°56	9°36	T 15
F 16	5 35 41	23°26'42	22°55	10°R23	1°42	11°20	29°45	13°40	17°43	20°47	24°49	14°D37	13°30	20° 3	9°42	F 16
S 17	5 39 38	24°27'48	5 <b>₾</b> 39	10°15	2°58	12° 4	29°51	13°35	17°42	20°46	24°48	14°37	13°27	20° 9	9°48	S 17
S 18	5 43 35	25°28'56	18° 4	9°56	4°13	12°47	29°56	13°30	17°41	20°46	24°48	14°R38	13°24	20°16	9°54	S 18
M19	5 47 31	26°30'04	0 <b>M</b> .13	9°25	5°29	13°31	0 <b>₽</b> 1	13°26	17°39	20°45	24°47	14°36	13°21	20°23	9°59	M19
T 20	5 51 28	27°31'12	12°13	8°42	6°44	14°15	0° 6	13°21	17°38	20°45	24°47	14°33	13°18	20°30	10° 5	T 20
W21	5 55 24	28°32'22	24° 7	7°49	7°59	14°59	0°11	13°16	17°37	20°45	24°46	14°27	13°15	20°36	10°11	W21
T 22	5 59 21	29°33'31	5 <b>₹</b> 58	6°45	9°15	15°43	0°16	13°11	17°35	20°44	24°45	14°17	13°11	20°43	10°17	T 22
F 23	6 3 17	0 <b>ට</b> 34'42	17°48	5°33	10°30	16°27	0°20	13° 7	17°34	20°44	24°44	14° 5	13° 8	20°50	10°23	F 23
S 24	6 7 14	1°35'52	29°40	4°16	11°46	17°11	0°25	13° 2	17°32	20°44	24°44	13°51	13° 5	20°56	10°28	S 24
S 25	6 11 10	2°37'03	11 <b>る</b> 34	2°54	13° 1	17°55	0°29	12°58	17°31	20°43	24°43	13°36	13° 2	21° 3	10°34	S 25
M26	6 15 7	3°38'14	23°33	1°32	14°16	18°40	0°33	12°53	17°29	20°43	24°42	13°21	12°59	21°10	10°40	M26
T 27	6 19 4	4°39'25	5≈37	0°12	15°32	19°24	0°37	12°49	17°27	20°43	24°41	13° 8	12°55	21°17	10°46	T 27
W28	6 23 0	5°40'36	17°47	28 <b>×</b> 757	16°47	20° 8	0°41	12°44	17°26	20°43	24°40	12°58	12°52	21°23	10°52	W28
T 29	6 26 57	6°41'47	0 <b>米</b> 6	27°48	18° 2	20°52	0°44	12°40	17°24	20°42	24°40	12°50	12°49	21°30	10°58	T 29
F 30	6 30 53	7°42'58	12°38	26°47	1 <u>9</u> °18	21°37	0°48	12°36	17°22	20°42	24°39	12°46	12°46	21°37	1 <u>1</u> ° 4	F 30
S 31	6 34 50	8 <b>전</b> 44'08	25 <b>米</b> 24	25 <b>₹</b> 55	20 <b>る</b> 33	22 <b>×</b> 21	0 <b>ჲ</b> 51	12 <b>Ⅱ</b> 32	17 <b>Ω</b> 20	20 <b>Y</b> 42	24 <b>\O</b> 38	12 <b>Y</b> 44	12 <b>Y</b> 43	21 <b>~</b> 43	11 <b>궁</b> 10	S 31

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T 1 F 2 S 3	21 s43 21 52 22 1	13 32 3	11 25 s51 27 25 50 31 25 48		2 0 10 20 3	86 0 10	1 49		20n57 20 56 20 56	1 s41 1 41 1 41	16 9	0 42	6 34 1 46	23n11 10n35 23 11 10 35 23 11 10 35	6n10 6 9 6 9	5 38	27 s35 27 36 27 37	16 54 6 19
S 4 M 5 T 6 W 7 T 8	22 10 22 18 22 26 22 33	1 36 1 1 4n53 0 11 23 1n 17 28 2	26 25 45 15 25 40 1 25 34 14 25 27 20 25 18	2 17 23 2 13 23 1 2 9 23 2 2 4 23 3	3 0 15 20 3 3 0 17 21 2 0 20 21 0 0 22 21 3	55 0 12 4 0 12 13 0 13 21 0 13	1 43 1 41 1 38 1 35	1 12 1 12 1 13 1 13	20 55		16 10 16 10 16 10 16 10	0 42 0 42 0 42 0 42	6 33 1 46	23 12 10 36 23 12 10 36 23 12 10 36 23 13 10 37 23 13 10 37	6 9	5 35 5 34 5 33 5 31	27 38 27 39 27 40 27 41 27 42	16 54 6 19 16 54 6 19 16 54 6 18 16 54 6 18
F 9 S 10 S 11	22 53	28 16 4	14 25 8 49 24 56 3 24 44	1 42 23 5	0 29 21	16 0 15	1 28	1 13	20 53 20 52 20 52		16 11 16 11 16 12	0 42		23 14 10 38 23 15 10 38 23 15 10 38	6 4 6 0 5 56	5 28	27 43 27 43 27 44	16 53 6 18
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S 18 M19 T 20 W21 T 22 F 23 S 24	23 28 23 29 23 29	12 51 1 1 17 46 2 2 21 57 3 25 13 3 27 23 4	18 22 57 22 22 40 21 22 23 13 22 7 56 21 50 29 21 34 51 21 19	0 29 24 1 0 49 24 1 9 24 1 28 24 1 47 24	1 0 49 22 4 9 0 51 22 5 7 0 53 23 4 0 55 23 0 0 57 23	18 0 21 54 0 21 0 0 22 5 0 23 11 0 23	1 9 1 7 1 5 1 4 1 2	1 16 1 16 1 16 1 17 1 17	20 49 20 48 20 48 20 47 20 47 20 47 20 46	1 39 1 39 1 39 1 39 1 39	16 14 16 15 16 15 16 16 16 16 16 17 16 17	0 43 0 43 0 43 0 43 0 43	6 30 1 45 6 30 1 45 6 29 1 45 6 29 1 45 6 29 1 45	23 19 10 41 23 19 10 41 23 20 10 42 23 20 10 42 23 21 10 42 23 21 10 43 23 22 10 43	5 46 5 46 5 45 5 42 5 39 5 34 5 28	5 17 5 15 5 14 5 13 5 12	27 51 27 51 27 52 27 53 27 54 27 55 27 56	16 50 6 17 16 50 6 17 16 50 6 17 16 49 6 17 16 49 6 17
T 27 W28 T 29 F 30	23 26	26 16 4 23 22 4 19 26 4 14 38 3 9 10 2	59 21 5 55 20 52 37 20 40 7 20 30 24 20 22 32 20 16 30 20s12	2 36 23 4 2 48 23 3 2 58 23 3 3 6 23 2 3 10 23 1	5 1 2 23 2 8 1 4 23 3 1 1 6 23 3 3 1 8 23 3 4 1 9 23	25 0 25 29 0 26 33 0 26 37 0 27 40 0 28	0 58 0 57 0 55 0 54 0 53	1 18 1 18 1 18 1 18 1 19	20 46 20 45 20 45 20 45 20 44 20 44 20n43	1 38 1 38 1 38 1 38 1 38	16 18 16 19 16 19 16 20 16 20 16n21	0 43 0 43 0 43 0 43	6 29 1 45 6 29 1 45 6 29 1 45 6 29 1 45 6 29 1 44	23 24 10 44	5 23 5 17 5 12 5 8 5 5 5 3 5n 2	5 8 5 7 5 6 5 4 5 3	27 56 27 57 27 58 27 59 27 59 28 0 28s 1	16 48 6 17 16 47 6 17 16 47 6 17 16 46 6 17 16 46 6 17

Julian Day Number = 2344862.5, Delta T = 11.99 sec Ecliptic obliquity =  $23^{\circ}28'47$ , Nutation = -  $0^{\circ}00'05$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^{\circ}39'46$ , Lahiri =  $19^{\circ}46'47$ Greg. Calendar