

# Astrodienst Ephemeris Tables for the year 1665

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 1665 GC 00:00 UT

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Day	Sid.t	0	D	ğ	φ	ď	4	ħ	)ţ(	卉	В	ស	v	Ç	Ŗ	Day
T 1	6 44 20	11召13'05	0ණ 3	9 <b>ට</b> 35	8≈40	27중27	25 <b>궁</b> 27	1 <b>る</b> 26	14≈19	17중16	25°R 7	3°R10	4 <b>Ω</b> 15	12≈22	13≈24	T 1
F 2	6 48 17	12°14'14	15° 0	11°12	9°54	28°14	25°41	1°33	14°22	17°18	25 <b>I</b> I 6	3 <b>Ω</b> 8	4°12	12°29	13°28	F 2
S 3	6 52 14	13°15'23	0 <b>Ω</b> 4	12°50	11° 9	29° 1	25°55	1°40	14°25	17°20	25° 5	3°D 8	4° 9	12°35	13°32	S 3
S 4	6 56 10	14°16'31	15° 6	14°27	12°23	29°48	26° 9	1°47	14°28	17°22	25° 4	3° 8	4° 5	12°42	13°36	S 4
M 5	7 0 7	15°17'40	29°58	16° 6	13°37	0≈35	26°23	1°54	14°31	17°25	25° 3	3° 9	4° 2	12°49	13°40	M 5
T 6	7 4 3	16°18'48	14 <b>m</b> /33	17°45	14°52	1°23	26°37	2° 1	14°34	17°27	25° 2	3°10	3°59	12°55	13°44	T 6
W 7	7 8 0	17°19'57	28°48	19°24	16° 6	2°10	26°51	2° 7	14°38	17°29	25° 0	3°11	3°56	13° 2	13°48	W 7
T 8	7 11 56	18°21'05	12 <b>≏</b> 40	21° 4	17°20	2°57	27° 5	2°14	14°41	17°32	24°59	3°R12	3°53	13° 9	13°53	T 8
F 9	7 15 53	19°22'13	26°10	22°44	18°35	3°44	27°19	2°21	14°44	17°34	24°58	3°12	3°49	13°15	13°57	F 9
S 10	7 19 49	20°23'21	9 <b>M</b> 20	24°24	19°49	4°32	27°33	2°28	14°47	17°36	24°57	3°11	3°46	13°22	14° 1	S 10
S 11	7 23 46	21°24'29	22°12	26° 6	21° 3	5°19	27°47	2°35	14°50	17°38	24°56	3°10	3°43	13°29	14° 5	S 11
M12	7 27 43	22°25'36	4 <b>₹</b> 147	27°47	22°17	6° 6	28° 1	2°42	14°54	17°41	24°55	3° 9	3°40	13°35	14° 9	M12
T 13	7 31 39	23°26'43	17° 9	29°29	23°31	6°54	28°16	2°48	14°57	17°43	24°54	3° 7	3°37	13°42	14°14	T 13
W14	7 35 36	24°27'50	29°21	1≈11	24°45	7°41	28°30	2°55	15° 0	17°45	24°53	3° 6	3°34	13°49	14°18	W14
T 15	7 39 32	25°28'56	11 <b>る</b> 23	2°54	25°59	8°29	28°44	3° 2	15° 4	17°47	24°52	3° 5	3°30	13°55	14°22	T 15
F 16	7 43 29	26°30'02	23°19	4°37	27°13	9°16	28°58	3° 9	15° 7	17°50	24°51	3° 4	3°27	14° 2	14°27	F 16
S 17	7 47 25	27°31'07	5≈ 9	6°20	28°27	10° 3	29°12	3°15	15°10	17°52	24°50	3°D 4	3°24	14° 8	14°31	S 17
S 18	7 51 22	28°32'11	16°57	8° 4	29°41	10°51	29°27	3°22	15°14	17°54	24°49	3° 4	3°21	14°15	14°35	S 18
M19	7 55 19	29°33'14	28°44	9°47	0 <b>¥</b> 55	11°38	29°41	3°29	15°17	17°56	24°48	3° 5	3°18	14°22	14°40	M19
T 20	7 59 15	0≈34'17	10 <b>)</b> €33	11°30	2° 9	12°26	29°55	3°35	15°20	17°59	24°47	3° 5	3°15	14°28	14°44	T 20
W21	8 3 12	1°35'18	22°27	13°13	3°23	13°13	0≈ 9	3°42	15°24	18° 1	24°46	3° 5	3°11	14°35	14°48	W21
T 22	8 7 8	2°36'18	<b>4</b> Υ30	14°56	4°36	14° 1	0°24	3°48	15°27	18° 3	24°45	3° 5	3° 8	14°42	14°53	T 22
F 23	8 11 5	3°37'17	16°45	16°38	5°50	14°48	0°38	3°55	15°31	18° 5	24°44	3°R 5	3° 5	14°48	14°57	F 23
S 24	8 15 1	4°38'14	29°16	18°20	7° 4	15°36	0°52	4° 1	15°34	18° 8	24°43	3°D 5	3° 2	14°55	15° 2	S 24
S 25	8 18 58	5°39'11	128 9	20° 0	8°17	16°23	1° 6	4° 7	15°38	18°10	24°43	3° 5	2°59	15° 2	15° 6	S 25
M26	8 22 54	6°40'06	25°25	21°38	9°31	17°10	1°20	4°14	15°41	18°12	24°42	3° 6	2°55	15° 8	15°10	M26
T 27	8 26 51	7°41'00	9 <b>I</b> 8	23°15	10°44	17°58	1°35	4°20	15°44	18°14	24°41	3° 6	2°52	15°15	15°15	T 27
W28	8 30 48	8°41'53	23°17	24°50	11°58	18°45	1°49	4°26	15°48	18°16	24°40	3° 6	2°49	15°22	15°19	W28
T 29	8 34 44	9°42'44	7953	26°21	13°11	19°33	2° 3	4°33	15°51	18°18	24°39	3° 7	2°46	15°28	15°24	T 29
F 30	8 38 41	10°43'34	22°50	27°50	14°24	20°20	2°17	<u>4</u> °39	15°55	1 <u>8</u> °21	24°38	3° 7	2°43	15°35	15°28	F 30
S 31	8 42 37	11≈44'22	$8\Omega$ 0	29≈14	15 <b>)</b> 38	21≈ 8	2≈31	4 <b>⋜</b> 45	15 <b>≈</b> 58	18 <b>중</b> 23	24 <b>Ⅱ</b> 38	3°R 7	2 <b>Ω</b> 40	15≈42	15≈33	S 31

Day	0	J	)	ζ	3	ç	)	С	7		4	ŧ	1	)į	<del>j</del> (	4		Е	)	n	v	Ç	ď	;
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T 1	23 s 0			24 s53				21 s47		21 s29		22 s41		17 s12		21 s45	0n37					17 s49		6n16
F 2		21 0		-	1 48			21 38		21 20		22 41		17 11		21 45	0 37	17 9			19 15			6 16
S 3	22 49	19 54	0 17	24 43	1 52	19 6		21 28	1 6	21 24	0 24	22 41	0 4/	17 10	0 40	21 45	0 37	17 9				17 47		6 15
S 4	22 43			24 36		-		21 19		21 2		22 41	0 47			21 44	0 37					17 46		6 15
M 5	22 36	_		24 27	1 57		1 42	-		21 19			0 47			21 44	0 37	17 9 17 9				17 45		6 15
T 6	22 29 22 21	9 19 4 29		24 17 24 5	2 0 2 1	18 2 17 40	1 42	20 58 20 47		21 10			0 47 0 47			21 44 21 44	0 37 0 37	17 9 17 9				17 44 17 43		6 15 6 15
T 8	22 13	-		23 51	2 3			20 47		21 1		22 41	0 47			21 43	0 37	17 9				17 42		6 14
F 9	22 5			23 36				20 25		21 8		22 41	0 47			21 43	0 37	17 9				17 41		6 14
S 10	21 56	9 39	5 15	23 20	2 5	16 29	1 41	20 14	1 6	21 (	0 25	22 40	0 47	17 4	0 40	21 43	0 37	17 9	6 14	19 29	19 21	17 40	10 41	6 14
S 11	21 46	13 31	5 0	23 1	2 6	16 5	1 40	20 3	1 6	21 3	0 25	22 40	0 47	17 3	0 40	21 43	0 37	17 9	6 14	19 29	19 21	17 39	10 40	6 14
M12	21 37	16 42	4 30	22 42	2 6	15 40	1 39	19 51	1 6	21 (	0 25	22 40	0 47	17 2	0 40	21 42	0 37	17 9	6 14	19 29	19 22	17 38	10 39	6 14
_	21 26			-		-	1 38		1 6				0 47			21 42	0 37	17 9	-			17 36		6 13
	-	20 32		21 57	2 4		1 38			20 5			0 47			21 42	0 37	17 9				17 35		6 13
T 15	21 5			21 32	2 3		1 37	-		20 52			-	16 59		21 41	0 37	17 10				17 34		6 13
F 16		20 35	0 54	-			1 36			20 49			-	16 58		21 41	0 37					17 33		6 13
S 17	20 42	19 12	0812	20 38	1 58	13 31	1 35	18 49	1 6	20 40	0 25	22 40	0 47	16 57	0 40	21 41	0 37	17 10	6 13	19 30	19 26	17 32	10 33	6 13
S 18	20 29		1 16		1 55		1 33			20 43		22 40	-	16 56		21 40						17 31		6 13
M19	20 17			19 37	1 52		1 32		1 6					16 55		21 40	0 37	17 10				17 30		6 13
T 20 W21	20 4 19 50		3 14	19 5	1 47		1 31	18 9 17 56		20 3		22 39	-	16 54		21 40	0 37 0 37					17 29 17 28		6 12 6 12
T 22	19 30			18 31 17 56	1 43 1 37		1 29 1 28			20 32		22 39 22 39		16 53 16 52		21 40 21 39						17 27		6 12
F 23	19 23				1 31	10 44	1 26	-		20 28		22 39	-	16 51		21 39	0 37	17 10				17 25		6 12
S 24	19 8			16 41	1 24			17 14		20 25		22 39	-	16 50		21 39		17 10				17 24		6 12
S 25	18 53	10 31	5 14	16 2	1 16	9 46	1 23	16 59	1 5	20 22	0 26	22 39	0 46	16 49	0 40	21 38	0 37	17 11	6 12	19 30	19 32	17 23	10 24	6 12
M26	18 38	14 23	4 54	15 23			1 21			20 19		22 38		16 48		21 38		17 11				17 22		6 12
T 27	18 23	17 37	4 18	14 42	0 58	8 47	1 19	16 30	1 5	20 10	0 26	22 38	0 46	16 47	0 40	21 38	0 37	17 11	6 12	19 30	19 33	17 21	10 22	6 12
W28	18 7	19 55	3 24	14 1	0 48	8 17	1 18	16 15	1 5	20 13	0 26	22 38	0 46	16 46	0 40	21 38	0 37	17 11	6 12	19 30	19 34	17 20	10 21	6 12
T 29		20 59		13 20	0 37		1 15			20 10			-	16 44		21 37	0 37					17 19		6 12
F 30		20 37		12 38	0 25		1 13	-		20		22 38	-	16 43		21 37	0 37					17 17		6 11
S 31	17s18	18n44	0n27	11s57	0s13	6 s 4 6	1s11	15 s30	1 s 4	20s 4	0 s27	22 s37	0n46	16 s42	0 s40	21 s37	0n37	17n11	6s11	19n30	19n36	17s16	10s17	6n11

Julian Day Number = 2329189.5, Delta T = 33.01 sec Ecliptic obliquity =  $23^{\circ}28'52$ , Nutation = -  $0^{\circ}00'14$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^{\circ}03'51$ , Lahiri =  $19^{\circ}10'52$ Greg. Calendar

#### FEBRUARY 1665 GC 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	4	ħ	)∤(	并	Р	V	ນ	Ç	ķ	Day
S 1	8 46 34	12≈45'10	23 <b>Ω</b> 15	0 <b>)</b> €34	16 <b>)</b> 51	21≈55	2≈45	4 <b>궁</b> 51	16≈ 2	18 <b>궁</b> 25	24°R37	3°R 7	2 <b>Ω</b> 36	15≈48	15≈37	S 1
M 2	8 50 30	13°45'56	8 <b>m</b> 25	1°48	18° 4	22°43	2°59	4°57	16° 5	18°27	24∏36	3 <b>N</b> 6	2°33	15°55	15°42	M 2
T 3	8 54 27	14°46'40	23°20	2°57	19°17	23°30	3°13	5° 3	16° 9	18°29	24°35	3° 5	2°30	16° 1	15°46	T 3
W 4	8 58 23	15°47'24	7 <b>≙</b> 54	3°58	20°30	24°18	3°28	5° 9	16°12	18°31	24°35	3° 3	2°27	16° 8	15°51	W 4
T 5	9 2 20	16°48'07	22° 1	4°52	21°43	25° 5	3°42	5°15	16°16	18°33	24°34	3° 2	2°24	16°15	15°55	T 5
F 6	9 6 17	17°48'48	5 <b>M</b> .41	5°38	22°56	25°52	3°56	5°21	16°19	18°35	24°33	3° 1	2°21	16°21	16° 0	F 6
S 7	9 10 13	18°49'29	18°54	6°15	24° 8	26°40	4°10	5°26	16°23	18°37	24°33	3°D 0	2°17	16°28	16° 4	S 7
S 8	9 14 10	19°50'08	1 <b>∡</b> 743	6°42	25°21	27°27	4°24	5°32	16°26	18°39	24°32	3° 1	2°14	16°35	16° 9	S 8
M 9	9 18 6	20°50'47	14°12	7° 0	26°34	28°15	4°38	5°38	16°30	18°41	24°31	3° 2	2°11	16°41	16°13	M 9
T 10	9 22 3	21°51'24	26°25	7°R 7	27°46	29° 2	4°52	5°43	16°33	18°43	24°31	3° 3	2° 8	16°48	16°17	T 10
W11	9 25 59	22°52'00	8 <b>궁</b> 27	7° 3	28°59	29°50	5° 5	5°49	16°37	18°45	24°30	3° 5	2° 5	16°55	16°22	W11
T 12	9 29 56	23°52'34	20°20	6°49	0 <b>Υ</b> 11	0 <b>∺</b> 37	5°19	5°55	16°40	18°47	24°30	3° 6	2° 1	17° 1	16°26	T 12
F 13	9 33 52	24°53'07	2≈ 8	6°25	1°24	1°24	5°33	6° 0	16°44	18°49	24°29	3°R 7	1°58	17° 8	16°31	F 13
S 14	9 37 49	25°53'39	13°55	5°52	2°36	2°12	5°47	6° 5	16°47	18°51	24°29	3° 6	1°55	17°15	16°35	S 14
S 15	9 41 46	26°54'09	25°43	5°10	3°48	2°59	6° 1	6°11	16°50	18°53	24°28	3° 5	1°52	17°21	16°40	S 15
M16	9 45 42	27°54'37	7 <b>)</b> €33	4°20	5° 0	3°46	6°15	6°16	16°54	18°55	24°28	3° 2	1°49	17°28	16°44	M16
T 17	9 49 39	28°55'03	19°29	3°25	6°12	4°34	6°28	6°21	16°57	18°57	24°27	2°58	1°46	17°35	16°48	T 17
W18	9 53 35	29°55'28	1 <b>Y</b> 31	2°24	7°24	5°21	6°42	6°26	17° 1	18°59	24°27	2°53	1°42	17°41	16°53	W18
T 19	9 57 32	0 <b>¥</b> 55'51	13°41	1°21	8°36	6° 8	6°56	6°31	17° 4	19° 0	24°27	2°48	1°39	17°48	16°57	T 19
F 20	10 1 28	1°56'12	26° 3	0°16	9°48	6°56	7° 9	6°36	17° 8	19° 2	24°26	2°43	1°36	17°55	17° 2	F 20
S 21	10 5 25	2°56'31	8 <b>8</b> 37	29≈11	10°59	7°43	7°23	6°41	17°11	19° 4	24°26	2°40	1°33	18° 1	17° 6	S 21
S 22	10 921	3°56'48	21°28	28° 8	12°11	8°30	7°36	6°46	17°14	19° 6	24°25	2°38	1°30	18° 8	17°10	S 22
M23	10 13 18	4°57'04	4 <b>Ⅱ</b> 38	27° 8	13°22	9°17	7°50	6°51	17°18	19° 8	24°25	2°D37	1°27	18°14	17°15	M23
T 24	10 17 14	5°57'17	18°10	26°12	14°33	10° 5	8° 3	6°56	17°21	19° 9	24°25	2°37	1°23	18°21	17°19	T 24
W25	10 21 11	6°57'28	299 5	25°21	15°45	10°52	8°16	7° 0	17°24	19°11	24°25	2°39	1°20	18°28	17°23	W25
T 26	10 25 8	7°57'37	16°24	24°36	16°56	11°39	8°30	7° 5	17°28	19°13	24°24	2°40	1°17	18°34	17°27	T 26
F 27	10 29 4	8°57'43	1Ω 4	23°57	18° 7	12°26	8°43	<u>7°</u> 9	17°31	1 <u>9</u> °14	24°24	2°R41	1°14	18°41	17°32	F 27
S 28	10 33 1	9 <b>)</b> 57'48	16 <b>N</b> 3	23≈25	19 <b>Υ</b> 18	13 <b>米</b> 13	8 <b>≈</b> 56	7 <b>궁</b> 14	17 <b>≈</b> 34	19 <b>ਰ</b> 16	24∏24	$2\Omega 40$	1 <b>Ω</b> 11	18 <b>≈</b> 48	17 <b>≈</b> 36	S 28

Day	0	D	ğ	φ	ð	4	ħ	)Å(	并	Р	n	ນ ¢	ę
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl	decl dec	decl lat
S 1	17 s 1	15n31 1n50	11s17 On 1	6s16 1s 9	15 s14 1 s 4	20s 1 0s27	22 s37 0n46	16 s41 0 s40	21 s36 0n37	17n11 6s11	19n30 1	9n37 17s1:	5 10s16 6n11
M 2	16 43	11 16 3 4	10 37 0 15	5 45 1 7	14 59 1 4	19 58 0 27	22 37 0 46	16 40 0 40	21 36 0 37	17 12 6 11	19 30 1	9 37 17 14	10 15 6 11
T 3	16 26	6 23 4 4	9 59 0 29	5 14 1 4	14 43 1 4	19 55 0 27	22 37 0 46	16 39 0 40	21 36 0 37	17 12 6 11	19 30 1	9 38 17 13	8 10 13 6 11
W 4	16 8	1 16 4 47	9 22 0 45	4 43 1 2	14 27 1 4	19 51 0 27	22 37 0 46	16 38 0 40	21 36 0 37	17 12 6 11	19 31 1	9 39 17 12	2 10 12 6 11
T 5	15 50	3 s46 5 11	8 48 1 0	4 12 0 59	14 11 1 3	19 48 0 27	22 36 0 46	16 37 0 40	21 35 0 37	17 12 6 11	19 31 1	9 40 17 10	0 10 11 6 11
F 6	15 31	8 27 5 17			13 54 1 3				21 35 0 37		19 31 1		1 - 0 - 0 - 0
S 7	15 12	12 35 5 5	7 48 1 33	3 10 0 54	13 38 1 3	19 42 0 28	22 36 0 46	16 35 0 40	21 35 0 37	17 12 6 10	19 31 1	9 41 17	8 10 8 6 11
S 8	14 54	16 0 4 38	7 23 1 49	2 38 0 51	13 22 1 3	19 39 0 28	22 36 0 46	16 34 0 40	21 35 0 37	17 12 6 10	19 31 1	9 42 17	7 10 7 6 11
M 9	14 34	18 35 3 59	7 1 2 5	2 7 0 49	13 5 1 2	19 35 0 28	22 36 0 46	16 33 0 40	21 34 0 37	17 12 6 10	19 31 1	9 42 17	6 10 6 6 11
T 10	14 15	20 17 3 9	6 44 2 21	1 35 0 46	12 48 1 2	19 32 0 28	22 35 0 46	16 32 0 40	21 34 0 37	17 13 6 10	19 31 1	9 43 17	1 10 4 6 11
W11	13 55	21 1 2 12	6 31 2 36	1 4 0 43	12 31 1 2	19 29 0 28	22 35 0 46	16 31 0 40	21 34 0 37	17 13 6 10	19 30 1	9 44 17	3 10 3 6 11
T 12	13 35	20 47 1 10	6 23 2 50	0 32 0 40	12 14 1 2	19 26 0 28	22 35 0 46	16 30 0 40	21 33 0 37	17 13 6 9	19 30 1	9 45 17	2 10 2 6 11
F 13	13 15	19 38 0 5	6 20 3 3	0 0 0 37	11 57 1 2	19 22 0 28	22 35 0 46	16 29 0 40	21 33 0 37	17 13 6 9	19 30 1	9 45 17	10 0 6 11
S 14	12 55	17 38 0s59	6 21 3 15	0n31 0 34	11 40 1 1	19 19 0 28	22 34 0 46	16 28 0 40	21 33 0 37	17 13 6 9	19 30 1	9 46 17 (	9 59 6 11
S 15	12 34	14 53 2 1	6 27 3 25	1 3 0 31	11 22 1 1	19 16 0 28	22 34 0 46	16 27 0 40	21 33 0 37	17 13 6 9	19 30 1	9 47 16 5	9 58 6 11
M16	12 13	11 31 2 59	6 38 3 33	1 34 0 27	11 5 1 1	19 12 0 29	22 34 0 46	16 26 0 40	21 32 0 37	17 14 6 9	19 31 1	9 47 16 5	9 57 6 11
T 17	11 52	7 40 3 48	6 52 3 39	2 6 0 24	10 47 1 0	19 9 0 29	22 34 0 46	16 25 0 40	21 32 0 37	17 14 6 9	19 32 1	9 48 16 50	9 55 6 11
W18	11 31	3 30 4 28	7 10 3 43	2 37 0 21	10 30 1 0	19 6 0 29	22 34 0 46	16 24 0 40	21 32 0 37	17 14 6 8	19 33 1	9 49 16 5	9 54 6 11
T 19	11 10	0n52 4 56	7 31 3 45	3 9 0 17	10 12 1 0	19 2 0 29	22 33 0 46	16 23 0 40	21 32 0 37	17 14 6 8	19 34 1	9 50 16 53	9 53 6 11
F 20	10 48	5 14 5 11	7 54 3 44	3 40 0 14	9 54 1 0	18 59 0 29	22 33 0 46	16 22 0 40	21 31 0 37	17 14 6 8	19 35 1	9 50 16 52	9 51 6 11
S 21	10 27	9 29 5 12	8 19 3 41	4 12 0 11	9 36 0 59	18 56 0 29	22 33 0 46	16 21 0 40	21 31 0 37	17 14 6 8	19 36 1	9 51 16 5	9 50 6 12
S 22	10 5	13 23 4 57	8 46 3 36	4 43 0 7	9 18 0 59	18 52 0 29	22 33 0 46	16 20 0 40	21 31 0 37	17 15 6 8	19 36 1	9 52 16 50	9 48 6 12
M23	9 43	16 45 4 26	9 13 3 29	5 14 0 4	9 0 0 59	18 49 0 29	22 32 0 46	16 19 0 40	21 31 0 37	17 15 6 7	19 37 1	9 52 16 48	9 47 6 12
T 24	9 21	19 18 3 40	9 39 3 21	5 45 0n 0	8 42 0 58	18 46 0 30	22 32 0 46	16 18 0 40	21 30 0 37	17 15 6 7	19 37 1	9 53 16 4	9 46 6 12
W25	8 58	20 48 2 40	10 6 3 11	6 16 0 4	8 24 0 58	18 42 0 30	22 32 0 46	16 17 0 40	21 30 0 37	17 15 6 7	19 36 1	9 54 16 40	9 44 6 12
T 26	8 36	21 1 1 28	3 10 31 3 0	6 47 0 7	8 6 0 58	18 39 0 30	22 32 0 46	16 16 0 40	21 30 0 37	17 15 6 7	19 36 1	9 55 16 4:	9 43 6 12
F 27	8 13	19 49 0 9	10 55 2 48	7 17 0 11	7 47 0 57	18 36 0 30	22 31 0 46	16 15 0 40	21 30 0 37	17 15 6 7	19 36 1	9 55 16 43	9 42 6 12
S 28	7 s51	17n12 1n12	2 11 s18 2n35	7n48 0n15	7 s29 0 s57	18 s 3 2 0 s 3 0	22 s31 0n46	16s14 0s40	21 s29 0n37	17n16 6s 7	19n36 1	9n56 16s42	9 s40 6n12

Julian Day Number = 2329220.5, Delta T = 32.95 sec

Ecliptic obliquity = 23°28′53, Nutation = -0°00′13, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 20°03′56, Lahiri = 19°10′56Greg. Calendar

MARCH 1665 GC 00:00 UT

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Day	Sid.t	0	D	ğ	φ	ď	4	ħ	)∤(	#	В	u	v	Ç	ķ	Day
S 1	10 36 57	10 <b>)</b> 57'51	1 mp 12	23°R 0	20 <b>Y</b> 28	14 <b>)</b> 0	9≈ 9	7 <b>る</b> 18	17≈38	19 <b>궁</b> 17	24°R24	2°R38	1 <b>Ω</b> 7	18≈54	17≈40	S 1
M 2	10 40 54	11°57'51	16°22	22≈42	21°39	14°47	9°23	7°22	17°41	19°19	24∏24	2 <b>Ω</b> 34	1° 4	19° 1	17°44	M 2
T 3	10 44 50	12°57'50	1 <b>≏</b> 23	22°30	22°50	15°34	9°36	7°27	17°44	19°21	24°24	2°28	1° 1	19°8	17°48	T 3
W 4	10 48 47	13°57'47	16° 7	22°D25	24° 0	16°21	9°49	7°31	17°47	19°22	24°23	2°21	0°58	19°14	17°52	W 4
T 5	10 52 43	14°57'42	0M26	22°27	25°10	17° 8	10° 2	7°35	17°50	19°24	24°23	2°15	0°55	19°21	17°57	T 5
F 6	10 56 40	15°57'35	14°16	22°34	26°20	17°55	10°14	7°39	17°54	19°25	24°23	2° 9	0°52	19°28	18° 1	F 6
S 7	11 0 37	16°57'27	27°38	22°47	27°30	18°42	10°27	7°43	17°57	19°26	24°23	2° 6	0°48	19°34	18° 5	S 7
S 8	11 433	17°57'17	10 <b>∡</b> 32	23° 6	28°40	19°29	10°40	7°47	18° 0	19°28	24°D23	2° 4	0°45	19°41	18° 9	S 8
M 9	11 8 30	18°57'06	2 <u>3</u> ° 3	23°30	29°50	20°16	10°53	7°50	18° 3	19°29	24°23	2°D 4	0°42	19°48	18°13	M 9
T 10	11 12 26	19°56'53	5 <b>군</b> 15	23°58	18 0	21° 3	11° 5	7°54	18° 6	19°31	24°23	2° 4	0°39	19°54	18°17	T 10
W11	11 16 23	20°56'38	17°13	24°32	2° 9	21°50	11°18	7°57	18° 9	19°32	24°23	2° 6	0°36	20° 1	18°21	W11
T 12	11 20 19	21°56'21	29° 3	25° 9	3°18	22°37	11°30	8° 1	18°12	19°33	24°23	2°R 7	0°32	20° 8	18°24	T 12
F 13	11 24 16	22°56'02	10≈49	25°50	4°28	23°23	11°43	8° 4	18°15	19°35	24°23	2° 6	0°29	20°14	18°28	F 13
S 14	11 28 12	23°55'42	22°36	26°36	5°37	24°10	11°55	8° 8	18°18	19°36	24°24	2° 4	0°26	20°21	18°32	S 14
S 15	11 32 9	24°55'19	4 <b>)</b> €26	27°24	6°46	24°57	12° 8	8°11	18°21	19°37	24°24	1°59	0°23	20°28	18°36	S 15
M16	11 36 6	25°54'55	16°22	28°16	7°54	25°44	12°20	8°14	18°24	19°38	24°24	1°52	0°20	20°34	18°40	M16
T 17	11 40 2	26°54'28	28°27	29°11	9° 3	26°30	12°32	8°17	18°27	19°39	24°24	1°43	0°17	20°41	18°43	T 17
W18	11 43 59	27°54'00	10 <b>Ƴ</b> 41	0 <b>∺</b> 9	10°11	27°17	12°44	8°20	18°30	19°40	24°24	1°32	0°13	20°47	18°47	W18
T 19	11 47 55	28°53'29	23° 6	1°10	11°20	28° 3	12°56	8°23	18°33	19°42	24°25	1°21	0°10	20°54	18°51	T 19
F 20	11 51 52	29°52'56	5 <b>8</b> 42	2°13	12°28	28°50	13° 8	8°26	18°36	19°43	24°25	1°11	0° 7	21° 1	18°54	F 20
S 21	11 55 48	0 <b>Υ</b> 52'21	18°29	3°19	13°36	29°36	13°20	8°28	18°38	19°44	24°25	1° 2	0° 4	21° 7	18°58	S 21
S 22	11 59 45	1°51'44	1Ⅱ29	4°27	14°44	0 <b>Υ</b> 23	13°31	8°31	18°41	19°45	24°25	0°56	0° 1	21°14	19° 2	S 22
M23	12 3 41	2°51'05	14°43	5°37	15°51	1° 9	13°43	8°33	18°44	19°46	24°26	0°52	29958	21°21	19° 5	M23
T 24	12 7 38	3°50'23	28°12	6°49	16°58	1°56	13°55	8°36	18°47	19°47	24°26	0°D51	29°54	21°27	19° 9	T 24
W25	12 11 34	4°49'39	119558	8° 4	18° 6	2°42	14° 6	8°38	18°49	19°47	24°26	0°51	29°51	21°34	19°12	W25
T 26	12 15 31	5°48'52	26° 2	9°20	19°13	3°28	14°17	8°40	18°52	19°48	24°27	0°R51	29°48	21°41	19°15	T 26
F 27	12 19 28	6°48'04	10 <b>Ω</b> 23	10°39	20°19	4°15	14°29	8°43	18°55	19°49	24°27	0°51	29°45	21°47	19°19	F 27
S 28	12 23 24	7°47'12	25° 0	11°59	21°26	5° 1	14°40	8°45	18°57	19°50	24°28	0°49	29°42	21°54	19°22	S 28
S 29	12 27 21	8°46'19	9 <b>m</b> /49	13°21	22°32	5°47	14°51	8°47	19° 0	19°51	24°28	0°44	29°38	22° 1	19°25	S 29
M30	12 31 17	9°45'23	24°42	14°45	23°38	6°33	15° 2	8°48	19° 2	1 <u>9</u> °52	24°29	0°37	29°35	22° 7	19°29	M30
T 31	12 35 14	10 <b>℃</b> 44'25	9 <b>≏</b> 31	16 <b>米</b> 10	24844	7 <b>Υ</b> 19	15≈13	8 <b>궁</b> 50	19 <b>≈</b> 5	19 <b>る</b> 52	24∏29	$0\Omega 27$	29532	22≈14	19≈32	T 31

Day	0	J		ğ		·		ď	1	2	+	ŧ		);	<del>j</del> (	4	(	В	)	n	v	Ç	Ł	5
	decl	decl lat	d	decl l	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7 s28	-	-	s39	2n21	8n18	0n19	7 s 1 0	0s57	18 s 29	0 s30		-	16 s 13		21 s29	0n37	17n16			19n57		9s39	6n12
M 2	7 5			58	2 7	8 48	0 22	6 52		18 26		22 31		16 12		21 29	0 37	17 16	6 6				9 38	6 12
T 3 W 4	6 42		-	2 15	1 53	9 18	0 26	6 33		18 22	0 30	_		16 11		21 29	0 37	17 16	6 6			16 38	9 36	6 13
T 5	6 19 5 56		58 12 10 12	2 30	1 39 1 25	9 48 10 17	0 30 0 34	6 15 5 56	0 55 0 55		0 31 0 31		0 46			21 28 21 28	0 37 0 37	17 16 17 16	6 6				9 35 9 34	6 13 6 13
F 6		11 19 5		2 54		10 17	0 34	5 37	0 55		0 31		0 46 0 46			21 28	0 37	17 17	6 6				9 34	6 13
S 7			40 13			11 15	0 38	5 19				22 30	0 46			21 28	0 37			19 44		16 33	9 31	6 13
			40 13	, 2			0 42	5 19					0 40	10 /					0 3					
S 8	-	18 3 4					0 46	5 0	0 54			22 29	0 46			21 28			6 5		-	16 32	9 30	6 13
M 9	4 23		-			12 13	0 50	4 41	0 54	-	0 31		0 46	-		21 27	0 37	17 17	6 5	-	20 2		9 28	6 13
T 10	3 59	-	-	3 16	-	12 41	0 54	4 22		17 59		22 29	0 46	-		21 27	0 37	17 17	6 5		-	16 29	9 27	6 14
W11			-	3 17	-	13 9	0 58	4 3	0 53		0 32			-		21 27	0 37	17 18	6 4		-	16 28	9 26	6 14
T 12 F 13		_ , ,		3 16		13 36	1 2	3 44	0 52		0 32		0 46	-		21 27	0 37	17 18	6 4	17 13		16 26	9 24	6 14
S 14	-		s47 13 48 13		0 18 0 29	14 4 14 31	1 6 1 10	3 25 3 6	0 52 0 51	17 49 17 46	0 32	22 28 22 28	0 46 0 46	-		21 27 21 26	0 37 0 37	17 18 17 18	6 4	17		16 25 16 24	9 23 9 22	6 14 6 14
	2 23	13 43 1	46 13	, 0	0 29	14 31	1 10	3 0	0 31	1/ 40	0 32	22 20	0 40	10 0	0 40	21 20	0 37	1/ 18	6 4	19 44	20 0	10 24	9 22	0 14
S 15	2 1	12 28 2	45 13	3 1	0 40	14 57	1 14	2 47	0 51	17 42	0 32	22 28	0 46	15 59	0 40	21 26	0 37	17 18	6 4	19 45	20 6	16 22	9 20	6 14
M16	1 38	-	35 12	-		15 24	1 18	2 29	0 51	17 39	0 32	-	0 46			21 26	0 37	17 19	6 3			16 21	9 19	6 15
T 17	1 14		-	2 42		15 50	1 22	2 10		17 36		22 28				21 26	0 37	17 19	6 3			16 20	9 18	6 15
W18	0 50	0 8 4		2 31	1 9	16 15	1 26	1 51	0 50			22 27				21 26	0 37	17 19	6 3			16 18	9 16	6 15
T 19	0 27	4n19 5			1 17	16 41	1 30	1 32		17 29		22 27					0 37	17 19	6 3			10 17	9 15	6 15
F 20	0 3	8 40 5			-	17 6	1 34	1 13		17 26		22 27				21 25	0 37		6 3		20 10		9 14	6 16
S 21	0n21	12 42 4	51 11	45	1 33	17 30	1 38	0 54	0 48	17 23	0 33	22 27	0 46	15 54	0 40	21 25	0 3/	17 20	6 3	19 58	20 10	16 14	9 12	6 16
S 22			23 11		-	17 54	1 42	0 35		17 20		22 27	-	15 53		21 25			6 2		-	16 13	9 11	6 16
M23	-		40 11	-		18 18	1 46	0 16	0 47		0 33		0 46			21 25	0 37	17 20	6 2		20 12	-	9 10	6 16
T 24	-		-	47		18 41	1 50	0n 3	0 47			22 26	0 46			21 25	0 37	17 20	6 2		20 12		9 8	6 16
W25	1 55	-		24		19 4	1 53	0 22		17 10		22 26		15 51		21 25	0 37	17 20	6 2		20 13		9 7	6 17
T 26			26 10			19 26	1 57	0 41	0 46			22 26		15 50		21 25	0 37	17 21	6 2			16 7	9 6	6 17
F 27			n51 9			19 48	2 1	1 0	0 46			22 26	-	15 49		21 24	0 37		6 1		-	16 6	9 5	6 17
S 28	3 6	15 10 2	5 9	8	2 13	20 10	2 5	1 18	0 45	17 1	0 34	22 26	0 46	15 49	0 40	21 24	0 37	17 21	6 1	20 1	20 15	16 5	9 3	6 17
S 29			-	3 40			2 9	1 37		16 57		22 26		15 48		21 24	0 37	17 21	6 1	-	20 16		9 2	6 18
M30	3 52	5 52 4	-	3 10			2 12	1 56				22 26	-	15 47	-	21 24	0 37	17 21	6 1	-	20 16		9 1	6 18
T 31	4n16	0n33 4	n43 7	7 s40	2 s23	21n11	2n16	2n15	0 s44	16s51	0 s35	22 s25	0n46	15 s46	0s41	21 s24	0n37	17n22	6s 1	20n 5	20n17	16s 0	9s 0	6n18

Julian Day Number = 2329248.5, Delta T = 32.90 sec Ecliptic obliquity =  $23^{\circ}28'54$ , Nutation = -  $0^{\circ}00'14$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^{\circ}04'00$ , Lahiri =  $19^{\circ}11'00$ Greg. Calendar

APRIL 1665 GC 00:00 UT

Day	Sid.t	0	D	ğ	Q	ď	4	ħ	)∤(	朴	Р	ß	Ω	Ç	ę,	Day
W 1	12 39 10	11 <b>°</b> 43'25	24 <u>₽</u> 8	17 <b>) (</b> 37	25 <b>8</b> 50	8 <b>Υ</b> 5	15≈24	8 <b>궁</b> 52	19≈ 7	19 <b>궁</b> 53	24 <b>II</b> 30	0°R17	29529	22≈21	19≈35	W 1
T 2	12 43 7	12°42'23	8M25	19° 6	26°55	8°51	15°35	8°53	19°10	19°54	24°30	oΩ 6	29°26	22°27	19°38	T 2
F 3	12 47 3	13°41'19	22°18	20°37	28° 1	9°37	15°45	8°55	19°12	19°54	24°31	29956	29°23	22°34	19°41	F 3
S 4	12 51 0	14°40'13	5 <b>,</b> 743	22° 9	29° 6	10°23	15°56	8°56	19°14	19°55	24°31	29°48	29°19	22°41	19°44	S 4
S 5	12 54 57	15°39'05	18°41	23°42	0耳10	11° 9	16° 6	8°58	19°17	19°55	24°32	29°43	29°16	22°47	19°47	S 5
M 6	12 58 53	16°37'56	1 <b>궁</b> 16	25°18	1°15	11°55	16°16	8°59	19°19	19°56	24°33	29°40	29°13	22°54	19°50	M 6
T 7	13 2 50	17°36'45	13°30	26°54	2°19	12°41	16°27	9° 0	19°21	19°56	24°33	29°D39	29°10	23° 1	19°53	T 7
W 8	13 6 46	18°35'32	25°30	28°33	3°23	13°27	16°37	9° 1	19°23	19°57	24°34	29°R39	29° 7	23° 7	19°56	W 8
T 9	13 10 43	19°34'18	7≈21	0 <b>Υ</b> 13	4°26	14°12	16°47	9° 2	19°25	19°57	24°35	29°39	29° 4	23°14	19°58	T 9
F 10	13 14 39	20°33'02	19°8	1°54	5°30	14°58	16°57	9° 2	19°27	19°58	24°35	29°38	29° 0	23°21	20° 1	F 10
S 11	13 18 36	21°31'44	0 <b>∺</b> 57	3°37	6°33	15°44	17° 6	9° 3	19°29	19°58	24°36	29°34	28°57	23°27	20° 4	S 11
S 12	13 22 32	22°30'24	12°51	5°22	7°35	16°29	17°16	9° 4	19°31	19°58	24°37	29°28	28°54	23°34	20° 6	S 12
M13	13 26 29	23°29'02	24°55	7° 8	8°38	17°15	17°26	9° 4	19°33	19°59	24°38	29°19	28°51	23°41	20° 9	M13
T 14	13 30 26	24°27'38	7 <b>Υ</b> 10	8°56	9°40	18° 0	17°35	9° 5	19°35	19°59	24°38	29° 8	28°48	23°47	20°11	T 14
W15	13 34 22	25°26'13	19°38	10°46	10°42	18°46	17°44	9° 5	19°37	19°59	24°39	28°55	28°44	23°54	20°14	W15
T 16	13 38 19	26°24'46	2 <b>8</b> 20	12°37	11°43	19°31	17°53	9° 5	19°39	19°59	24°40	28°41	28°41	24° 0	20°16	T 16
F 17	13 42 15	27°23'17	15°15	14°30	12°44	20°17	18° 2	9° 5	19°41	19°59	24°41	28°28	28°38	24° 7	20°19	F 17
S 18	13 46 12	28°21'45	28°22	16°24	13°45	21° 2	18°11	9°R 5	19°43	20° 0	24°42	28°17	28°35	24°14	20°21	S 18
S 19	13 50 8	29°20'12	11 <b>Ⅱ</b> 40	18°20	14°45	21°47	18°20	9° 5	19°44	20° 0	24°43	28° 9	28°32	24°20	20°23	S 19
M20	13 54 5	0 <b>8</b> 18'37	25° 9	20°18	15°45	22°32	18°29	9° 5	19°46	20° 0	24°43	28° 4	28°29	24°27	20°25	M20
T 21	13 58 1	1°17'00	89548	22°17	16°45	23°17	18°37	9° 5	19°48	20°R 0	24°44	28° 1	28°25	24°34	20°27	T 21
W22	14 1 58	2°15'21	22°37	24°18	17°44	24° 3	18°46	9° 4	19°49	20° 0	24°45	28° 0	28°22	24°40	20°29	W22
T 23	14 5 55	3°13'39	$6\Omega$ 37	26°20	18°43	24°48	18°54	9° 4	19°51	20° 0	24°46	28° 0	28°19	24°47	20°31	T 23
F 24	14 9 51	4°11'55	20°46	28°24	19°41	25°33	19° 2	9° 3	19°52	20° 0	24°47	28° 0	28°16	24°54	20°33	F 24
S 25	14 13 48	5°10'10	5 <b>m</b> 5	0 <b>8</b> 29	20°39	26°18	19°10	9° 3	19°54	20° 0	24°48	27°57	28°13	25° 0	20°35	S 25
S 26	14 17 44	6° 8'22	19°30	2°35	21°36	27° 2	19°18	9° 2	19°55	19°59	24°49	27°52	28° 9	25° 7	20°37	S 26
M27	14 21 41	7° 6'32	3 <b>ჲ</b> 57	4°43	22°33	27°47	19°26	9° 1	19°57	19°59	24°50	27°45	28° 6	25°14	20°39	M27
T 28	14 25 37	8° 4'40	18°22	6°51	23°30	28°32	19°33	9° 0	19°58	19°59	24°51	27°35	28° 3	25°20	20°41	T 28
W29	14 29 34	9° 2'46	2 <b>M</b> 38	9° 0	24°25	29°17	19°41	8°59	19°59	19°59	24°52	27°23	28° 0	25°27	20°42	W29
T 30	14 33 30	108 0'51	16 <b>M</b> 39	11810	25Ⅲ21	0 <b>8</b> 2	19 <b>≈</b> 48	8 <b>궁</b> 58	20≈ 0	19 <b>る</b> 59	24 <b>II</b> 53	279512	27957	25≈34	20≈44	T 30

Day	0	D	ğ	Q	♂	4	-	<del></del>	)į	j(	并		Р		n	v	Ç	ď	
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl	lat	decl	lat	decl lat	i	decl lat		decl	decl	decl	decl	lat
W 1	4n39	4 s43 5n 0	7s 8 2s	s25 21n31 2n20	2n33 0s43	16 s 48 0 s	s35 22 s25	0n46	15 s46	0s41	21 s24 0	)n37 1	17n22 6	s 1	20n 8	20n18	15 s59	8 s 5 8	6n19
T 2	5 2	9 37 4 59	6 35 2	27 21 50 2 23	2 52 0 43	16 45 0	35 22 25	0 46	15 45	0 41	21 24 0	37 1	17 22 6	0	20 10	20 18	15 58	8 57	6 19
F 3	5 25	13 52 4 40	6 0 2	29 22 8 2 27	3 11 0 42	16 42 0	35 22 25	0 46	15 44	0 41	21 24 0	37 1	17 22 6	0	20 12	20 19	15 56	8 56	6 19
S 4	5 48	17 16 4 5	5 24 2	29 22 26 2 30	3 29 0 41	16 39 0	36 22 25	0 46	15 43	0 41	21 24 0	37 1	17 22 6	0	20 14	20 20	15 55	8 55	6 19
S 5	6 10	19 41 3 19	4 48 2	30 22 44 2 34	3 48 0 41	16 36 0	36 22 25	0 46	15 43	0 41	21 23 0	37 1	17 23 6	0	20 15	20 20	15 53	8 54	6 20
M 6	6 33	21 4 2 25	4 10 2	29 23 1 2 37	4 6 0 40	16 33 0	36 22 25	0 46	15 42	0 41	21 23 0	37 1	17 23 6	0	20 15	20 21	15 52	8 53	6 20
T 7	6 55	21 23 1 25	3 30 2	29 23 17 2 41	4 24 0 40	16 31 0	36 22 25	0 46	15 41	0 41	21 23 0	37 1	17 23 5	59	20 16	20 22	15 50	8 51	6 20
W 8	7 18	20 43 0 22	2 50 2	27 23 33 2 44	4 43 0 39	16 28 0	36 22 25	0 46	15 41	0 41	21 23 0	37 1				20 22		8 50	6 21
T 9	7 40	19 7 0s41	2 9 2	26 23 48 2 47			36 22 25	0 46	15 40	0 41	21 23 0	37 1				20 23		8 49	6 21
F 10		16 43 1 41		23 24 3 2 50			37 22 25		15 39							20 24		8 48	6 21
S 11	8 24	13 37 2 38	0 43 2	21 24 17 2 53	5 37 0 38	16 19 0	37 22 25	0 46	15 39	0 41	21 23 0	37 1	17 24 5	59	20 17	20 24	15 45	8 47	6 21
S 12	8 46	9 56 3 27		17 24 31 2 56			37 22 25		15 38	0 41	21 23 0					20 25		8 46	6 22
M13	9 8	5 50 4 9		14 24 44 2 59			37 22 25		15 38	-						20 26	-	8 45	6 22
T 14	9 30	1 25 4 39	-				37 22 25		15 37		-					20 26		8 44	6 22
W15	9 51	3n 7 4 56			6 49 0 36		38 22 24		15 37		-					20 27		8 42	6 23
T 16	10 13	7 37 4 59		59 25 20 3 7	7 7 0 35		38 22 24		15 36	-	-					20 28		8 41	6 23
F 17	10 34			53 25 30 3 10	7 24 0 34		38 22 24		15 35							20 28		8 40	6 23
S 18	10 55	15 36 4 20	4 49 1	47 25 40 3 12	7 42 0 34	16 1 0	38 22 24	0 46	15 35	0 41	21 23 0	37 1	17 25 5	58	20 32	20 29	15 34	8 39	6 24
S 19	11 15	18 37 3 39	5 39 1	40 25 50 3 15	7 59 0 33	15 58 0	38 22 24	0 46	15 34	0 41	21 23 0	37 1				20 30		8 38	6 24
M20	11 36			33 25 59 3 17			39 22 24		15 34	-		37 1				20 30		8 37	6 24
T 21	11 56			25 26 7 3 19			39 22 25		15 33								15 30	8 36	6 25
W22	12 17			17 <mark>26 15</mark> 3 21			39 22 25		15 33	-						20 31		8 35	6 25
T 23	12 37			8 26 22 3 23			39 22 25		15 33		-					20 32		8 34	6 26
F 24	12 57			59 26 29 3 25			39 22 25		15 32	-						20 33	-	8 33	6 26
S 25	13 16	12 30 3 3	10 53 0	50 26 35 3 27	9 42 0 30	15 44 0	40 22 25	0 46	15 32	0 41	21 23 0	37 1	17 27 5	56	20 36	20 33	15 24	8 33	6 26
S 26	13 35	7 48 3 57		40 26 41 3 28			40 22 25		15 31	0 41		37 1				20 34		8 32	6 27
M27	13 55	2 39 4 36					40 22 25		15 31							20 35		8 31	6 27
T 28	14 14	2 s 3 8 4 5 7					40 22 25		15 30							20 35		8 30	6 27
W29	14 32						41 22 25		15 30	-						20 36		8 29	6 28
T 30	14n51	12s18 4n44	15n13 Or	n 1 26n57 3n33	11n 5 0s27	15 s33 0 s	s41 22 s25	0n46	15 s30	0 s42	21 s23 0	)n37 1	17n27 5	s56	20n45	20n37	15 s 16	8 s 2 8	6n28

Julian Day Number = 2329279.5, Delta T = 32.85 sec Ecliptic obliquity = 23°28'54, Nutation = -0°00'16, out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^{\circ}04'04$ , Lahiri =  $19^{\circ}11'04$ Greg. Calendar

MAY 1665 GC 00:00 UT

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Day	Sid.t	0	D	ğ	φ	ď	4	ħ	)∤(	卉	Р	v	v	Ç	Ŗ	Day
F 1	14 37 27	10858'54	0 <b>∡</b> 120	13820	26耳16	0 <b>8</b> 46	19≈55	8°R56	20≈ 2	19°R58	24∏54	27°R 1	279554	25≈40	20≈45	F 1
S 2	14 41 24	11°56'55	13°39	15°30	27°10	1°31	20° 2	8 <b>궁</b> 55	20° 3	19 <b>る</b> 58	24°56	26953	27°50	25°47	20°47	S 2
S 3	14 45 20	12°54'55	26°35	17°40	28° 3	2°15	20° 9	8°54	20° 4	19°58	24°57	26°47	27°47	25°54	20°48	S 3
M 4	14 49 17	13°52'54	9 <b>ろ</b> 9	19°50	28°56	3° 0	20°16	8°52	20° 5	19°57	24°58	26°44	27°44	26° 0	20°50	M 4
T 5	14 53 13	14°50'51	21°25	21°58	29°49	3°44	20°22	8°51	20° 6	19°57	24°59	26°D42	27°41	26° 7	20°51	T 5
W 6	14 57 10	15°48'47	3≈27	24° 6	09540	4°29	20°29	8°49	20° 7	19°56	25° 0	26°42	27°38	26°14	20°52	W 6
T 7	15 1 6	16°46'41	15°19	26°12	1°31	5°13	20°35	8°47	20° 8	19°56	25° 1	26°R43	27°35	26°20	20°53	T 7
F 8	15 5 3	17°44'34	27° 8	28°17	2°22	5°57	20°41	8°45	20° 8	19°55	25° 2	26°42	27°31	26°27	20°54	F 8
S 9	15 8 59	18°42'26	8 <b>∺</b> 59	0П20	3°11	6°42	20°47	8°43	20° 9	19°55	25° 4	26°40	27°28	26°34	20°55	S 9
S 10	15 12 56	19°40'17	20°57	2°21	4° 0	7°26	20°53	8°41	20°10	19°54	25° 5	26°36	27°25	26°40	20°56	S 10
M11	15 16 53	20°38'06	3 <b>Υ</b> 6	4°19	4°48	8°10	20°58	8°39	20°11	19°54	25° 6	26°29	27°22	26°47	20°57	M11
T 12	15 20 49	21°35'54	15°29	6°16	5°35	8°54	21° 4	8°37	20°11	19°53	25° 7	26°21	27°19	26°54	20°58	T 12
W13	15 24 46	22°33'41	28° 9	8° 9	6°22	9°38	21° 9	8°35	20°12	19°52	25° 9	26°10	27°15	27° 0	20°59	W13
T 14	15 28 42	23°31'27	118 6	10° 0	7° 7	10°22	21°14	8°32	20°12	19°52	25°10	25°59	27°12	27° 7	21° 0	T 14
F 15	15 32 39	24°29'11	24°20	11°48	7°52	11° 6	21°19	8°30	20°13	19°51	25°11	25°49	27° 9	27°14	21° 0	F 15
S 16	15 36 35	25°26'54	7 <b>Ⅱ</b> 50	13°33	8°36	11°50	21°24	8°27	20°13	19°50	25°12	25°40	27° 6	27°20	21° 1	S 16
S 17	15 40 32	26°24'36	21°32	15°14	9°19	12°34	21°28	8°25	20°14	19°49	25°14	25°33	27° 3	27°27	21° 2	S 17
M18	15 44 28	27°22'16	5924	16°53	10° 0	13°17	21°33	8°22	20°14	19°49	25°15	25°29	27° 0	27°34	21° 2	M18
T 19	15 48 25	28°19'55	19°24	18°29	10°41	14° 1	21°37	8°19	20°14	19°48	25°16	25°D28	26°56	27°40	21° 2	T 19
W20	15 52 22	29°17'33	3 <b>Ω</b> 28	20° 2	11°21	14°45	21°41	8°16	20°15	19°47	25°17	25°28	26°53	27°47	21° 3	W20
T 21	15 56 18	0 <b>Ⅲ</b> 15′08	17°35	21°31	11°59	15°28	21°45	8°13	20°15	19°46	25°19	25°29	26°50	27°54	21° 3	T 21
F 22	16 0 15	1°12'43	1 <b>M</b> 44	22°57	12°36	16°12	21°49	8°10	20°15	19°45	25°20	25°R29	26°47	28° 0	21° 3	F 22
S 23	16 4 11	2°10'15	15°54	24°20	13°12	16°55	21°52	8° 7	20°15	19°44	25°21	25°28	26°44	28° 7	21° 4	S 23
S 24	16 8 8	3° 7'47	0 <u>ჲ</u> 2	25°39	13°47	17°39	21°56	8° 4	20°15	19°43	25°23	25°25	26°41	28°14	21° 4	S 24
M25	16 12 4	4° 5'16	14° 7	26°55	14°21	18°22	21°59	8° 1	20°R15	19°42	25°24	25°21	26°37	28°20	21°R 4	M25
T 26	16 16 1	5° 2'45	28° 5	28° 8	14°53	19° 5	22° 2	7°58	20°15	19°41	25°26	25°14	26°34	28°27	21° 4	T 26
W27	16 19 57	6° 0'12	11 <b>M</b> 54	29°17	15°23	19°49	22° 4	7°54	20°15	19°40	25°27	25° 6	26°31	28°34	21° 4	W27
T 28	16 23 54	6°57'39	25°30	0923	15°52	20°32	22° 7	7°51	20°15	19°39	25°28	24°58	26°28	28°40	21° 3	T 28
F 29	16 27 51	7°55'04	8 <b>才</b> 50	1°25	16°20	21°15	22°10	7°47	20°15	19°38	25°30	24°51	26°25	28°47	21° 3	F 29
S 30	16 31 47	8°52'28	21°53	2°23	16°46	21°58	22°12	7°44	20°15	19°37	25°31	24°45	26°21	28°54	21° 3	S 30
S 31	16 35 44	9 <b>Ⅱ</b> 49'52	4 <b>궁</b> 38	39518	179510	22841	22≈14	7 <b>云</b> 40	20≈14	19 <b>궁</b> 36	25耳32	249541	269518	29≈ 0	21≈ 3	S 31

Day	0	D	ζ	2	φ		3	2	+	ħ	<u> </u>	);	ł(	<del> </del>	(	Е		n	U	Ç	ď	5
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F 1 S 2	15n 9 15 27		2 16n 3 27 16 52			34 11n21 35 11 37		15 s31 15 29		22 s25 22 25		15 s29 15 29		21 s23 21 23		17n28 17 28			20n37 20 38	15 s 15 15 13	8 s 2 7 8 2 7	6n28 6 29
S 3		20 54 2 3				35 11 53				22 25		15 29		21 23						15 12	8 26	6 29
M 4 T 5 W 6	16 19		8 19 9	0 53	27 5 3	36 12 9 36 12 25	0 24	15 23		22 26	0 46	15 29 15 28	0 42	21 23 21 23	0 37 0 37	17 28	5 55	20 51	20 39 20 40	15 9	8 25 8 24	6 30
T 7 F 8	16 36 16 53 17 9	17 49 1 3	66 19 51 67 20 31 65 21 8	1 12	27 4 3	36 12 40 36 12 56 35 13 11		15 20	0 42	22 26 22 26 22 26	0 46	15 28 15 28 15 27	0 42	21 23 21 23 21 23	0 37		5 55	20 51	20 40 20 41 20 42	15 5	8 23 8 23 8 22	6 30 6 31 6 31
S 9	17 25		25 21 43			35 13 11				22 26		15 27		21 23		17 29			20 42		8 21	6 32
S 10 M11	17 41 17 57	3 2 4 3		1 45	26 57 3	34 13 41 33 13 56		15 13	0 43		0 46	15 27 15 27	0 42	21 23 21 23	0 37 0 37	17 29	5 54	20 54		14 59	8 21 8 20	6 32 6 32
T 12 W13	18 12 18 27		3 23 38	1 58	26 51 3	32 14 11 31 14 26	0 19	15 11 15 10	0 44	22 27 22 27	0 46	15 27 15 27	0 42	21 23 21 23	0 37 0 37	17 30 17 30	5 54	20 57	20 45	14 58 14 56	8 19 8 19	6 33 6 33
T 14 F 15	18 56		24 20	2 7	26 42 3	30 14 40 28 14 54	0 17	15 7	0 44	22 27 22 27	0 45	15 26 15 26	0 42	21 24 21 24	0 37 0 37		5 54	21 1	20 45 20 46	14 53	8 18 8 18	6 33 6 34
S 16 S 17	19 9 19 23		6 24 38 51 24 53			26 15 9 24 15 23				<ul><li>22 27</li><li>22 28</li></ul>		15 26 15 26		<ul><li>21 24</li><li>21 24</li></ul>		17 30 17 30	<ul><li>5 54</li><li>5 54</li></ul>		20 47 20 47	14 51 14 50	8 17 8 16	6 34
M18 T 19		21 37 1 4 21 32 0 3	25 5 22 25 15	-		21 15 36 19 15 50		-	0 45 0 45	22 28 22 28		15 26 15 26		21 24 21 24	0 37 0 37	17 31 17 31	5 53 5 53		20 48 20 48	14 48 14 46	8 16 8 15	6 35 6 35
W20 T 21	20 2 20 14		25 23 66 25 29			16 16 4 13 16 17				<ul><li>22 28</li><li>22 28</li></ul>		15 26 15 26		21 24 21 24	0 37 0 37		5 53 5 53	21 5	20 49 20 50		8 15 8 14	6 36 6 36
F 22 S 23	20 26 20 38		2 25 33 37 25 35	2 16 2 14	26 1 3 25 54 3	9 16 30 6 16 43		14 59 14 58		22 29 22 29		15 26 15 26		21 24 21 25		17 31 17 31	5 53 5 53		20 50 20 51	14 42 14 40	8 14 8 14	6 37 6 37
S 24 M25	20 49 21 0	4 14 4 3 0s57 5	25 35 1 25 34	2 11 2 7	25 47 3 25 39 2	2 16 56 57 17 9		14 57 14 57	0 47 0 47	22 29 22 29		15 26 15 26		21 25 21 25	0 37 0 37	17 31 17 32	5 53 5 53			14 38 14 37	8 13 8 13	6 37 6 38
	21 11 21 21	-	6 25 30 64 25 26			53 17 21 48 17 34		14 56 14 55		22 29 22 30		15 26 15 26		21 25 21 25	0 37 0 37	17 32 17 32	5 53 5 53		20 53 20 53		8 12 8 12	6 38 6 39
	21 31 21 40		25 25 20 22 25 12			43 17 46 37 17 58		14 55 14 54		22 30 22 30		15 26 15 26		21 25 21 25	0 37 0 37	17 32 17 32			20 54 20 54	14 32 14 30	8 12 8 12	6 39 6 39
	21 49 21n58		18 25 4 16 24n54			31 18 10 25 18n22		14 54 14 s53		22 30 22 s31		15 26 15 s26		21 26 21 s26		17 32 17n32				14 29 14 s27	8 11 8s11	6 40 6n40

 $\label{eq:Julian Day Number = 2329309.5, Delta T = 32.79 sec} \\ Ecliptic obliquity = 23°28'54, Nutation = -0°00'17, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 20°04'08, Lahiri = 19°11'08Greg. Calendar \\ \\$ 

JUNE 1665 GC 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂	4	ħ	)Å(	¥	Р	ß	Ω	Ç	ę,	Day
M 1	16 39 40	10 <b>Ⅱ</b> 47'15	17る 6	499 9	17933	23824	22≈16	7°R37	20°R14	19°R35	25∏34	24°R39	269915	29≈ 7	21°R 2	M 1
T 2	16 43 37	11°44'37	29°18	4°56	17°53	24° 7	22°17	7 <b>云</b> 33	20≈14	19 <b>る</b> 34	25°35	24°D39	26°12	29°14	21≈ 2	T 2
W 3	16 47 33	12°41'58	11≈19	5°39	18°12	24°50	22°19	7°29	20°13	19°32	25°37	249540	26° 9	29°20	21° 1	W 3
T 4	16 51 30	13°39'18	23°12	6°17	18°30	25°33	22°20	7°25	20°13	19°31	25°38	24°42	26° 6	29°27	21° 1	T 4
F 5	16 55 26	14°36'39	5 <b>∺</b> 2	6°52	18°45	26°15	22°21	7°22	20°12	19°30	25°40	24°43	26° 2	29°34	21° 0	F 5
S 6	16 59 23	15°33'58	16°54	7°23	18°58	26°58	22°22	7°18	20°12	19°29	25°41	24°R43	25°59	29°40	20°59	S 6
S 7	17 3 20	16°31'17	28°53	7°49	19° 9	27°41	22°23	7°14	20°11	19°27	25°42	24°43	25°56	29°47	20°58	S 7
M 8	17 7 16	17°28'36	11 <b>°</b> 4	8°10	19°18	28°23	22°24	7°10	20°10	19°26	25°44	24°40	25°53	29°54	20°58	M 8
T 9	17 11 13	18°25'54	23°31	8°27	19°25	29° 6	22°24	7° 6	20°10	19°25	25°45	24°36	25°50	0 <b>∺</b> 0	20°57	T 9
W10	17 15 9	19°23'12	6 <b>8</b> 17	8°40	19°29	29°48	22°R24	7° 2	20° 9	19°23	25°47	24°31	25°47	0° 7	20°56	W10
T 11	17 19 6	20°20'29	19°24	8°48	19°32	0 <b>Ⅲ</b> 31	22°24	6°57	20° 8	19°22	25°48	24°26	25°43	0°14	20°55	T 11
F 12	17 23 2	21°17'47	2Ⅲ52	8°R52	19°R32	1°13	22°24	6°53	20° 7	19°21	25°50	24°21	25°40	0°20	20°54	F 12
S 13	17 26 59	22°15'03	16°40	8°51	19°30	1°56	22°24	6°49	20° 6	19°19	25°51	24°16	25°37	0°27	20°53	S 13
S 14	17 30 55	23°12'20	09345	8°45	19°25	2°38	22°23	6°45	20° 5	19°18	25°52	24°13	25°34	0°34	20°51	S 14
M15	17 34 52	24° 9'35	15° 2	8°35	19°18	3°20	22°22	6°41	20° 4	19°16	25°54	24°11	25°31	0°40	20°50	M15
T 16	17 38 49	25° 6'51	29°27	8°21	19° 8	4° 2	22°21	6°36	20° 3	19°15	25°55	24°D11	25°27	0°47	20°49	T 16
W17	17 42 45	26° 4'05	13 <b>N</b> 55	8° 3	18°57	4°44	22°20	6°32	20° 2	19°14	25°57	24°12	25°24	0°54	20°47	W17
T 18	17 46 42	27° 1'19	28°20	7°41	18°42	5°26	22°19	6°28	20° 1	19°12	25°58	24°13	25°21	1° 0	20°46	T 18
F 19	17 50 38	27°58'32	12 Mp 40	7°16	18°26	6° 8	22°17	6°24	20° 0	19°11	26° 0	24°15	25°18	1° 7	20°45	F 19
S 20	17 54 35	28°55'45	26°52	6°48	18° 7	6°50	22°15	6°19	19°59	19° 9	26° 1	24°R15	25°15	1°14	20°43	S 20
S 21	17 58 31	29°52'57	10 <b>≏</b> 54	6°17	17°46	7°32	22°13	6°15	19°58	19° 8	26° 3	24°15	25°12	1°20	20°41	S 21
M22	18 2 28	0950'08	24°44	5°44	17°22	8°14	22°11	6°10	19°56	19° 6	26° 4	24°14	25° 8	1°27	20°40	M22
T 23	18 6 24	1°47'19	8 <b>M</b> 22	5° 9	16°57	8°56	22° 9	6° 6	19°55	19° 5	26° 5	24°11	25° 5	1°34	20°38	T 23
W24	18 10 21	2°44'30	21°47	4°34	16°29	9°37	22° 6	6° 2	19°54	19° 3	26° 7	24° 8	25° 2	1°40	20°36	W24
T 25	18 14 18	3°41'40	4 <b>.₹</b> 57	3°58	16° 0	10°19	22° 4	5°57	19°52	19° 2	26° 8	24° 5	24°59	1°47	20°35	T 25
F 26	18 18 14	4°38'50	17°54	3°22	15°29	11° 1	22° 1	5°53	19°51	19° 0	26°10	24° 3	24°56	1°54	20°33	F 26
S 27	18 22 11	5°36'00	0 <b>궁</b> 37	2°47	14°56	11°42	21°58	5°48	19°49	18°58	26°11	24° 0	24°53	2° 0	20°31	S 27
S 28	18 26 7	6°33'10	13° 6	2°13	14°22	12°24	21°54	5°44	19°48	18°57	26°13	23°59	24°49	2° 7	20°29	S 28
M29	18 30 4	7°30'20	25°23	1°41	13°47	13° 5	21°51	5°40	19°46	18°55	26°14	23°D59	24°46	2°14	20°27	M29
T 30	18 34 0	8927'30	7≈28	19512	139511	13 <b>Ⅱ</b> 46	21≈47	5 <b>⋜</b> 35	19 <b>≈</b> 45	18 <b>궁</b> 54	26 <b>Ⅱ</b> 15	239559	249543	2 <b>∺</b> 20	20≈25	T 30

Day	0	D		ζ	5	Q		С	7		4	1	<del>ل</del>	)	ľ(	<del>,</del> ‡		E	2	រា	U	Ç	ď	;
	decl	decl la	ıt	decl	lat	decl	lat	decl	lat	de	el lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
M 1	22n 6	21 s43	0n41	24n43	1n18	24n37	2n18	18n33	0s 6	14s	3 0 s4	9 22 s31	0n45	15 s27	0 s43	21 s26	0n37	17n33	5 s 5 2	21n14	20n56	14 s25	8s11	6n40
T 2	22 14	20 45	0 s25	24 31	1 8	24 27	2 11	18 44	0 6	14 :	3 0 4	9 22 31	0 45	15 27	0 43	21 26	0 37	17 33	5 52	21 14	20 57	14 24	8 11	6 41
W 3	22 22	18 51	1 29	24 18	0 57	24 17	2 4	18 56	0 5	14 :	2 0 4	9 22 31	0 45	15 27	0 43	21 26	0 37	17 33	5 52	21 14	20 57	14 22	8 10	6 41
T 4	22 29	16 9	2 29	24 5	0 45	24 7		19 6	0 5	14 :	2 0 4	9 22 32	0 45	15 27	0 43	21 26	0 37	17 33				14 20	8 10	6 42
F 5	22 36	12 48	3 22	23 51	0 33	23 57	1 48	19 17	0 4	14 :	0 5	0 22 32	0 45	15 27	0 43	21 27	0 37	17 33	5 52	21 13	20 59	14 19	8 10	6 42
S 6	22 42	8 57	4 6	23 36	0 20	23 47	1 40	19 28	0 3	14 :	0 5	0 22 32	0 45	15 28	0 43	21 27	0 37	17 33	5 52	21 13	20 59	14 17	8 10	6 42
S 7	22 48	4 44	4 41	23 21	0 6	23 37	1 31	19 38	0 3	14 :	0 5	0 22 33	0 45	15 28	0 43	21 27	0 37	17 33	5 52	21 13	21 0	14 15	8 10	6 43
M 8	22 53	0 15	5 3	23 5	0s 8	23 26	1 22	19 48	0 2	14 :	2 0 5	0 22 33	0 45	15 28	0 43	21 27	0 37	17 33	5 52	21 14	21 0	14 14	8 10	6 43
T 9	22 59	4n19	5 11	22 50	0 23	23 16	1 12	19 58	0 1	14	2 0 5	1 22 33	0 44	15 28	0 43	21 27	0 37	17 33	5 51	21 14	21 1	14 12	8 10	6 43
1	23 3			22 33	0 38			20 8		14 :		1 22 33		15 29	0 43	21 28	0 37	17 34		21 15		14 10	8 10	6 44
T 11	23 8	13 4	4 43	22 17	0 54	22 55	0 52	20 18	0n (	14 :	3 0 5	1 22 34	0 44	15 29	0 43	21 28	0 37	17 34	5 51	21 16	21 2	14 8	8 10	6 44
	23 12	16 46	4 4	22 1	1 10			20 27	0 1	14 :		2 22 34		15 29	0 43	21 28	0 37			21 17		14 7	8 10	6 44
S 13	23 15	19 39	3 11	21 45	1 27	22 33	0 30	20 36	0 1	14 :	3 0 5	2 22 34	0 44	15 29	0 43	21 28	0 37	17 34	5 51	21 18	21 3	14 5	8 10	6 45
S 14	23 18	21 24	2 5	21 28	1 43	22 23	0 18	20 45	0 2	14 :	0 5	2 22 34	0 44	15 30	0 43	21 28	0 37	17 34	5 51	21 19	21 4	14 3	8 10	6 45
M15	23 21	21 48	0 50	21 13	2 0	22 12	0 7	20 54	0 3	14 :	4 0 5	2 22 35	0 44	15 30	0 43	21 29	0 37	17 34	5 51	21 19	21 5	14 2	8 10	6 45
T 16	23 23	20 46	0n29	20 57	2 16	22 1	0s 6	21 3	0 3	14 :	5 0 5	3 22 35	0 44	15 30	0 43	21 29	0 37	17 34	5 51	21 19	21 5	14 0	8 10	6 46
W17	23 25	18 23	1 46	20 42	2 33	21 50	0 18	21 11	0 4	14 :	6 0 5	3 22 35	0 44	15 31	0 43	21 29	0 37	17 34	5 51	21 19	21 6	13 58	8 10	6 46
_	23 27	14 50	2 57	20 27	2 49	21 39		21 20	0 5	14 :		3 22 36		15 31	0 43	21 29	0 37	17 34		21 18		13 57	8 10	6 46
1	-			20 13		21 29		21 28		14 :		3 22 36		15 32		21 29		17 34		21 18		13 55	8 10	6 47
S 20	23 29	5 31	4 39	19 59	3 19	21 18	0 58	21 35	0 6	14 :	8 0 5	4 22 36	0 44	15 32	0 44	21 30	0 37	17 35	5 51	21 18	21 7	13 53	8 10	6 47
S 21	23 29	0 22	5 6	19 47	3 33	21 7	1 12	21 43	0 7	14 :	9 0 5	4 22 36	0 44	15 32	0 44	21 30	0 37	17 35	5 51	21 18	21 8	13 51	8 11	6 47
M22	23 29	4 s43	5 14	19 35	3 46		1 26	21 50	0 7	15	0 0 5	4 22 37	0 44	15 33	0 44	21 30	0 37	17 35	5 51	21 18	21 9	13 50	8 11	6 48
_	23 28	9 30	5 5	19 24	3 59	20 45	1 40	21 58	0 8	15		4 22 37		15 33	0 44	21 30	0 37	17 35		21 19			8 11	6 48
W24	23 27		4 39	19 15	4 9			22 5	0 9	15		5 22 37		15 34	0 44	21 30	0 37	17 35		21 19	-		8 11	6 48
T 25				19 6		20 24		22 11	0 9			5 22 38		15 34		21 31	0 37			21 20			8 12	6 49
1				18 59	4 27			22 18	0 10			5 22 38		15 35		21 31		17 35				13 43	8 12	6 49
S 27	23 22	21 23	2 6	18 53	4 34	20 3	2 36	22 24	0 11	15	5 0 5	6 22 38	0 43	15 35	0 44	21 31	0 37	17 35	5 51	21 21	21 11	13 41	8 12	6 49
S 28	23 19	21 51	1 0	18 49	4 39	19 53	2 51	22 31	0 11	15	7 0 5	6 22 38	0 43	15 36	0 44	21 31	0 37	17 35	5 51	21 21	21 12	13 39	8 12	6 49
M29	23 16	21 14	0s 8	18 45	4 43	19 43	3 4	22 37	0 12	15	8 0 5	6 22 39	0 43	15 36	0 44	21 32	0 37	17 35	5 51	21 21	21 13	13 37	8 13	6 50
T 30	23n13	19 s38	1 s 1 4	18n44	4 s 4 5	19n32	3 s 1 8	22n42	0n13	15 s	9 0s5	6 22 s39	0n43	15 s37	0 s44	21 s32	0n37	17n35	5 s 5 1	21n21	21n13	13 s36	8 s 1 3	6n50

Julian Day Number = 2329340.5, Delta T = 32.73 sec Ecliptic obliquity = 23°28'53, Nutation = -0°00'16, out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^{\circ}04'12$ , Lahiri =  $19^{\circ}11'13$ Greg. Calendar

JULY 1665 GC 00:00 UT

UUL	1003	uc													00.0	0 0.
Day	Sid.t	0	D	ğ	φ	ď	4	ħ	)મ(	卉	Р	n	v	Ç	Ŷ,	Day
W 1	18 37 57	99524'40	19≈25	0°R46	12°R34	14Ⅲ28	21°R44	5°R31	19°R43	18°R52	26 <b>I</b> I7	249 0	249540	2 <b>){</b> 27	20°R23	W 1
T 2	18 41 53	10°21'50	1 <b>)</b> 17	0924	11957	15° 9	21≈40	5 <b>る</b> 26	19≈42	18 <b>ට</b> 51	26°18	24° 2	24°37	2°34	20≈21	T 2
F 3	18 45 50	11°19'01	13° 7	0° 5	11°20	15°50	21°36	5°22	19°40	18°49	26°20	24° 3	24°33	2°41	20°18	F 3
S 4	18 49 47	12°16'12	24°59	29耳51	10°42	16°31	21°31	5°18	19°38	18°47	26°21	24° 4	24°30	2°47	20°16	S 4
S 5	18 53 43	13°13'23	6 <b>Υ</b> 58	29°42	10° 5	17°13	21°27	5°13	19°36	18°46	26°23	24° 4	24°27	2°54	20°14	S 5
M 6	18 57 40	14°10'35	19° 8	29°D37	9°28	17°54	21°22	5° 9	19°35	18°44	26°24	24°R 4	24°24	3° 1	20°12	M 6
T 7	19 1 36	15° 7'47	1834	29°38	8°52	18°35	21°17	5° 5	19°33	18°43	26°25	24° 4	24°21	3° 7	20° 9	T 7
W 8	19 5 33	16° 5'00	14°19	29°43	8°17	19°16	21°12	5° 0	19°31	18°41	26°27	24° 3	24°18	3°14	20° 7	W 8
T 9	19 9 29	17° 2'13	27°28	29°54	7°43	19°56	21° 7	4°56	19°29	18°39	26°28	24° 2	24°14	3°21	20° 4	T 9
F 10	19 13 26	17°59'28	11 <b>I</b> 1	0গু11	7°10	20°37	21° 2	4°52	19°27	18°38	26°29	24° 2	24°11	3°27	20° 2	F 10
S 11	19 17 22	18°56'42	24°58	0°33	6°39	21°18	20°57	4°48	19°25	18°36	26°31	24° 1	24° 8	3°34	19°59	S 11
S 12	19 21 19	19°53'58	9917	1° 0	6° 9	21°59	20°51	4°43	19°23	18°34	26°32	24° 1	24° 5	3°41	19°57	S 12
M13	19 25 16	20°51'13	23°54	1°33	5°42	22°40	20°45	4°39	19°21	18°33	26°33	24°D 1	24° 2	3°47	19°54	M13
T 14	19 29 12	21°48'29	8 <b>Ω</b> 43	2°11	5°16	23°20	20°40	4°35	19°19	18°31	26°35	24° 1	23°59	3°54	19°52	T 14
W15	19 33 9	22°45'46	23°35	2°55	4°53	24° 1	20°34	4°31	19°17	18°30	26°36	24° 1	23°55	4° 1	19°49	W15
T 16	19 37 5	23°43'03	8 Mp 24	3°44	4°31	24°41	20°28	4°27	19°15	18°28	26°37	24°R 1	23°52	4° 7	19°46	T 16
F 17	19 41 2	24°40'20	23° 3	4°39	4°12	25°22	20°21	4°23	19°13	18°26	26°39	24° 1	23°49	4°14	19°44	F 17
S 18	19 44 58	25°37'37	7 <b>≏</b> 26	5°38	3°55	26° 2	20°15	4°19	19°11	18°25	26°40	24° 1	23°46	4°21	19°41	S 18
S 19	19 48 55	26°34'55	21°32	6°43	3°40	26°42	20° 8	4°15	19° 9	18°23	26°41	24°D 1	23°43	4°27	19°38	S 19
M20	19 52 51	27°32'13	5 <b>M</b> .18	7°53	3°28	27°23	20° 2	4°11	19° 7	18°21	26°43	24° 1	23°39	4°34	19°35	M20
T 21	19 56 48	28°29'32	18°44	9° 8	3°18	28° 3	19°55	4° 7	19° 5	18°20	26°44	24° 1	23°36	4°41	19°32	T 21
W22	20 0 45	29°26'51	1 <b>×</b> 752	10°28	3°10	28°43	19°48	4° 4	19° 2	18°18	26°45	24° 1	23°33	4°47	19°29	W22
T 23	20 441	0 <b>Ω</b> 24'10	14°44	11°52	3° 5	29°23	19°41	4° 0	19° 0	18°17	26°46	24° 2	23°30	4°54	19°27	T 23
F 24	20 8 38	1°21'30	27°20	13°21	3° 3	099 3	19°34	3°56	18°58	18°15	26°48	24° 3	23°27	5° 1	19°24	F 24
S 25	20 12 34	2°18'51	9 <b>궁</b> 45	14°55	3°D 2	0°43	19°27	3°53	18°56	18°14	26°49	24° 3	23°24	5° 7	19°21	S 25
S 26	20 16 31	3°16'13	21°58	16°32	3° 4	1°23	19°20	3°49	18°53	18°12	26°50	24°R 3	23°20	5°14	19°18	S 26
M27	20 20 27	4°13'35	4≈ 3	18°14	3° 8	2° 3	19°13	3°46	18°51	18°10	26°51	24° 3	23°17	5°21	19°15	M27
T 28	20 24 24	5°10'58	16° 1	19°59	3°14	2°43	19° 6	3°42	18°49	18° 9	26°52	24° 3	23°14	5°27	19°12	T 28
W29	20 28 21	6° 8'22	27°54	21°48	3°23	3°23	18°58	3°39	18°47	18° 7	26°54	24° 1	23°11	5°34	19° 9	W29
T 30	20 32 17	7° 5'47	9 <b>)</b> (44	23°39	3°34	4° 2	18°51	<u>3°36</u>	18°44	1 <u>8</u> ° 6	26°55	24° 0	23° 8	5°41	19° 6	T 30
F 31	20 36 14	8 <b>Ω</b> 3'14	21 <b>) (</b> 34	25933	39546	49542	18 <b>≈</b> 43	3 <b>ට</b> 32	18 <b>≈</b> 42	18 <b>궁</b> 4	26 <b>Ⅱ</b> 56	239558	2395 4	5 <b>) (</b> 48	19 <b>≈</b> 3	F 31

Day	0	D	ğ	·	8	1	2	+	ħ	ì.	)į	β(	<del>4</del>		Р		ß	Ω	Ç	ķ	
	decl	decl lat	decl lat	decl lat	decl	lat	decl	lat	decl	lat	decl	lat	decl lat	:	decl lat	(	lecl	decl	decl	decl	lat
W 1 T 2	23n 9 23 5				2 22n48 5 22 53		15 s11 15 12		22 s39 22 39		15 s37 15 38			)n37 1		-			13 s34 13 32	8 s 1 4	6n50 6 51
F 3	23 0 22 55	10 20 4	18 47 4	1 42 19 3 3 :	57 22 58 0 23 3	0 15	15 14 15 16	0 57	22 40 22 40	0 43	15 38 15 39	0 44	21 32 0	37 1	7 35 5	50 21	20	21 15	13 30 13 29	8 14 8 15	6 51 6 51
S 5	22 49	1 52 5	8 18 56 4	4 33 18 45 4 3	22 23 8	0 16	15 17	0 58	22 40	0 42	15 40	0 44	21 33 0	37 1	7 36 5	50 21	20	21 16	13 27	8 15	6 51
M 6	22 44 22 37		1 19 10 4	1 19 18 28 4	3 23 12 4 23 17	0 17	15 19 15 21		22 41	0 42	15 40 15 41	0 44	21 33 0	37 1	7 36 5	50 21	20	21 17	13 23	8 16 8 16	6 52 6 52
W 8 T 9	22 31 22 24	15 20 4 2	5 19 29 4	1 0 18 13 5	34 23 21 3 23 25	0 19	15 23 15 24	0 59	22 41 22 41	0 42	15 41 15 42	0 44	21 34 0	37 1	7 36 5	50 21	20	21 18	13 20	8 17 8 17	6 52 6 52
F 10 S 11	22 16 22 8				2 23 28 20 23 32		15 26 15 28		22 42 22 42		15 43 15 43	-	-					21 19 21 19		8 18 8 19	6 52 6 53
S 12 M13		21 21 0	20 15 3	3 26 17 53 5 1 3 13 17 47 5 1	5 23 38	0 21 0 21	15 30 15 32	0 59 0 59	22 42	0 42	15 44 15 44	0 44	21 35 0	37 1	7 36 5	50 21	21	21 20 21 20	13 12	8 19 8 20	6 53 6 53
T 14 W15 T 16	21 43 21 33 21 24	16 9 2 3	7 20 40 2		6 23 44	0 22 0 23 0 24	15 34 15 36 15 39	1 0 1 0 1 0	22 43	0 42 0 41 0 41		0 44	21 35 0	37 1	7 36 5	50 21 50 21 50 21	21		13 10 13 9 13 7	8 20 8 21 8 22	6 53 6 53 6 54
F 17	21 14 21 3	6 56 4 3		2 19 17 29 5	66 23 48 69 23 50	0 24	15 41 15 43	1 0	22 43	0 41		0 44	21 36 0		7 36 5	50 21	21	21 23 21 23	13 5	8 22 8 23	6 54 6 54
S 19 M20	20 53 20 41	3 s 3 0 5 1 '8 2 5 5 1		1 50 17 24 6 1 35 17 21 6	2 23 52 5 23 54	0 26 0 26	15 45 15 48	1 1 1 1	22 44 22 44	0 41 0 41	15 49 15 49	-		37 1		50 21 51 21		21 24 21 24	-	8 24 8 25	6 54 6 54
T 21 W22	20 30 20 18	_	3 21 50 1 1 21 58 1	1 21 17 20 6 1 6 17 19 6	7 23 55 8 23 56	0 27 0 28	15 50 15 52	1 1 1 1	22 44 22 44	0 41 0 41	15 50 15 51								12 58 12 56	8 25 8 26	6 54 6 54
T 23 F 24	20 6 19 54			0 52 17 18 6 0 38 17 17 6	9 23 57 0 23 58		15 55 15 57	1 2 1 2			15 51 15 52								12 54 12 52	8 27 8 28	6 54 6 55
S 25 S 26	-			) 24 17 17 6 ) 11 17 18 6	<ul><li>9 23 58</li><li>9 23 59</li></ul>	0 30	15 59	1 2			15 53			37 1					12 50 12 48	8 28	6 55 6 55
M27 T 28		20 10 0s5	5 22 16 0	On 1 17 19 6	9 23 59 8 23 59 7 23 59	0 30 0 31 0 32	16 2 16 4 16 7	1 2 1 2 1 2	22 46	0 40	15 53 15 54 15 55	0 44	21 38 0	37 1	7 36 5	51 21	20	21 28	12 47	8 29 8 30 8 31	6 55 6 55
W29 T 30	18 46		7 22 8 0	0 14 17 20 6 0 25 17 21 6 0 36 17 23 6	5 23 59 3 23 58	0 32	16 7 16 9 16 12	1 3		0 40	15 56 15 56	0 44	21 38 0	37 1	7 36 5	51 21	21		12 43	8 32 8 33	6 55 6 55
F 31	18 32 18n17				1 23n57		16 12 16 s14		22 s46 22 s46		15 s57			)n37 1		-			12 s39	8 s 3 3	6n55

Julian Day Number = 2329370.5, Delta T = 32.68 sec Ecliptic obliquity =  $23^{\circ}28'54$ , Nutation = -  $0^{\circ}00'15$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^{\circ}04'16$ , Lahiri =  $19^{\circ}11'17$ Greg. Calendar

AUGUST 1665 GC 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ	)∤(	并	В	n	ß	Ç	ķ	Day
S 1	20 40 10	9 <b>Ω</b> 0'41	<b>3</b> Υ27	27930	499 1	5922	18°R36	3°R29	18°R40	18°R 3	26Ⅲ57	23°R55	2395 1	5 <b>)</b> 54	19°R 0	S 1
S 2	20 44 7	9°58'10	15°26	29°29	4°18	6° 1	18≈28	3 <b>ප</b> 26	18 <b>≈</b> 37	18ට 1	26°58	23954	22°58	6° 1	18 <b>≈</b> 57	S 2
M 3	20 48 3	10°55'40	27°35	1 <b>Q</b> 29	4°36	6°41	18°20	3°23	18°35	18° 0	26°59	23°52	22°55	6°8	18°53	M 3
T 4	20 52 0	11°53'11	9 <b>8</b> 58	3°30	4°57	7°20	18°12	3°20	18°33	17°59	27° 0	23°D52	22°52	6°14	18°50	T 4
W 5	20 55 56	12°50'44	22°40	5°33	5°19	8° 0	18° 5	3°17	18°30	17°57	27° 1	23°52	22°49	6°21	18°47	W 5
T 6	20 59 53	13°48'18	5∏44	7°35	5°43	8°39	17°57	3°14	18°28	17°56	27° 2	23°53	22°45	6°28	18°44	T 6
F 7	21 3 49	14°45'54	19°12	9°39	6° 9	9°18	17°49	3°11	18°25	17°54	27° 4	23°54	22°42	6°34	18°41	F 7
S 8	21 7 46	15°43'31	395 8	11°42	6°36	9°58	17°41	3° 9	18°23	17°53	27° 5	23°56	22°39	6°41	18°38	S 8
S 9	21 11 43	16°41'10	17°29	13°45	7° 5	10°37	17°33	3° 6	18°21	17°51	27° 6	23°R57	22°36	6°48	18°35	S 9
M10	21 15 39	17°38'50	2 <b>Ω</b> 14	15°47	7°35	11°16	17°26	3° 4	18°18	17°50	27° 7	23°56	22°33	6°54	18°32	M10
T 11	21 19 36	18°36'31	17°15	17°49	8° 7	11°55	17°18	3° 1	18°16	17°49	27° 8	23°55	22°30	7° 1	18°28	T 11
W12	21 23 32	19°34'14	2 m/ 25	19°50	8°40	12°34	17°10	2°59	18°13	17°47	27° 9	23°53	22°26	7° 8	18°25	W12
T 13	21 27 29	20°31'58	17°34	21°50	9°14	13°13	17° 2	2°57	18°11	17°46	27° 9	23°50	22°23	7°14	18°22	T 13
F 14	21 31 25	21°29'43	2 <b>॒</b> 32	23°49	9°49	13°52	16°54	2°54	18° 9	17°45	27°10	23°46	22°20	7°21	18°19	F 14
S 15	21 35 22	22°27'29	17°12	25°46	10°26	14°31	16°46	2°52	18° 6	17°44	27°11	23°42	22°17	7°28	18°16	S 15
S 16	21 39 18	23°25'17	1 <b>M</b> 29	27°43	11° 4	15°10	16°39	2°50	18° 4	17°42	27°12	23°40	22°14	7°34	18°13	S 16
M17	21 43 15	24°23'06	15°19	29°38	11°43	15°48	16°31	2°48	18° 2	17°41	27°13	23°38	22°10	7°41	18°10	M17
T 18	21 47 12	25°20'55	28°43	1 Mp 32	12°24	16°27	16°23	2°47	17°59	17°40	27°14	23°D38	22° 7	7°48	18° 7	T 18
W19	21 51 8	26°18'47	11 <b>~</b> 144	3°25	13° 5	17° 6	16°16	2°45	17°57	17°39	27°15	23°39	22° 4	7°54	18° 4	W19
T 20	21 55 5	27°16'39	24°25	5°17	13°47	17°44	16° 8	2°43	17°54	17°38	27°16	23°40	22° 1	8° 1	18° 1	T 20
F 21	21 59 1	28°14'32	6 <b>조</b> 49	7° 7	14°31	18°23	16° 0	2°42	17°52	17°36	27°16	23°42	21°58	8°8	17°57	F 21
S 22	22 2 58	29°12'27	19° 0	8°56	15°15	19° 1	15°53	2°40	17°50	17°35	27°17	23°R43	21°55	8°15	17°54	S 22
S 23	22 6 54	0 Mp 10'24	1≈ 2	10°43	16° 0	19°40	15°46	2°39	17°47	17°34	27°18	23°42	21°51	8°21	17°51	S 23
M24	22 10 51	1° 8'22	12°58	12°29	16°46	20°18	15°38	2°37	17°45	17°33	27°19	23°41	21°48	8°28	17°48	M24
T 25	22 14 47	2° 6'21	24°50	14°14	17°33	20°56	15°31	2°36	17°43	17°32	27°19	23°37	21°45	8°35	17°45	T 25
W26	22 18 44	3° 4'22	6 <b>)</b> (40	15°58	18°21	21°35	15°24	2°35	17°41	17°31	27°20	23°32	21°42	8°41	17°42	W26
T 27	22 22 41	4° 2'24	18°31	17°40	19° 9	22°13	15°17	2°34	17°38	17°30	27°21	23°25	21°39	8°48	17°39	T 27
F 28	22 26 37	5° 0'28	0 <b>Υ</b> 23	19°21	19°58	22°51	15°10	2°33	17°36	17°29	27°21	23°17	21°36	8°55	17°37	F 28
S 29	22 30 34	5°58'34	12°20	21° 1	20°48	23°29	15° 3	2°32	17°34	17°28	27°22	23° 9	21°32	9° 1	17°34	S 29
S 30	22 34 30	6°56'42	24°23	22°40	21°39	24° 7	14°56	2°32	17°32	17°27	27°23	23° 2	21°29	9° 8	17°31	S 30
M31	22 38 27	7 <b>m</b> 54'52	6 <b>8</b> 35	24 Mp 17	22931	249545	14≈50	2 <b>ප</b> 31	17 <b>≈</b> 29	17 <b>る</b> 26	27 <b>II</b> 23	22956	219526	9 <b>∺</b> 15	17 <b>≈</b> 28	M31

Day	0	J	)	ζ	5	ç	)	ď	и	2	+	ŧ	1	)į	ξ(	4		E	<u> </u>	V	U	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
S 1	18n 2	3s 9	4s56	21n37	0n56	17n27	5 s 5 8	23n57	0n34	16s17	1 s 3	22 s47	0n39	15 s58	0 s44	21 s39	0n37	17n36	5 s 5 1	21n22	21n31	12 s37	8 s 3 4	6n55
S 2	17 47	1n17	5 12			17 30	5 55			16 19				15 59		21 39		17 36				12 35		6 55
M 3	17 31	-	5 15	-		17 32		23 54		16 22				15 59		21 40		17 36						6 55
T 4 W 5	17 15 16 59	10 2 14 0	5 3 4 37	20 42 20 18		17 35 17 38	5 49 5 45			16 24 16 27		22 47 22 47	0 39 0 39			21 40 21 40				21 22		12 31	8 37 8 38	6 55 6 55
T 6	16 43	-	3 56			17 41		23 49		16 29	1 4		0 39			21 40								6 55
F 7	16 26	20 3	3 0	19 24	1 35	17 44	5 37	23 47	0 38	16 32	1 4	22 48	0 39	16 2	0 45	21 40	0 37	17 36	5 51	21 22	21 34	12 26	8 40	6 55
S 8	16 9	21 34	1 52	18 54	1 39	17 47	5 33	23 45	0 39	16 35	1 4	22 48	0 39	16 3	0 45	21 41	0 37	17 36	5 51	21 22	21 35	12 24	8 41	6 55
S 9	15 52	21 45	0 36	18 21	1 42	17 50	5 28	23 43	0 40	16 37	1 4	22 48	0 38	16 4	0 45	21 41	0 37	17 36	5 51	21 21	21 35	12 22	8 42	6 55
M10		20 26	0n45			17 53	5 24			16 40	1 4	-	0 38			21 41	0 37					12 20		6 55
T 11	-	17 40	2 5	17 11		17 55		23 38		16 42	1 4		0 38			21 41								6 55
W12 T 13	14 59 14 40	13 41 8 48	3 16 4 13		1 46	17 58	5 14	23 35 23 32		16 45 16 47	1 5		0 38 0 38			21 41 21 42		17 36 17 36						6 55 6 55
F 14	14 22		4 52		1 45	-	5 4			16 50	1 5		0 38			21 42		17 36						6 55
S 15	14 3	1 s58	5 11	14 35	1 44	18 6	4 59	23 25	0 44	16 52	1 5	22 49	0 38	16 8	0 45	21 42		17 36				12 10		6 55
S 16	13 44	7 9	5 10	13 53	1 42	18 9	4 54	23 21	0 44	16 54	1 5	22 50	0 38	16 9	0 45	21 42	0 37	17 36	5 52	21 24	21 39	12 9	8 49	6 55
M17	-	11 49	4 51	13 10		18 11		23 17		16 57	1 5			16 10		21 42		17 36					8 50	6 55
T 18	-	15 44	4 17	12 27		18 13		23 13		16 59	1 5			16 10		21 42		17 36		21 25				6 55
W19 T 20	-	18 46 20 49	3 30 2 33	-	1 33	18 14 18 16	4 37 4 32		0 46 0 47					16 11 16 12		21 43 21 43		17 35 17 35		21 25 21 24			8 52 8 53	6 54 6 54
F 21		21 47	1 31	10 14		18 17	4 26		0 48					16 13		21 43		17 35				11 59		6 54
S 22		21 42	0 26	9 29		18 18		22 56	0 48			22 51		16 13		21 43		17 35				11 57		6 54
S 23	11 26	20 37	0 s40	8 43	1 15	18 19	4 14	22 51	0 49	17 11	1 5	22 51	0 37	16 14	0 45	21 43	0 37	17 35	5 52	21 24	21 42	11 55	8 56	6 54
M24	11 5	18 36	1 43	7 58	1 10	18 19	4 8	22 46	0 50	17 13	1 5	22 51	0 36	16 15	0 45	21 44	0 36	17 35	5 52	21 24	21 43	11 53	8 57	6 54
T 25		15 48	2 41	7 12	1 4		4 2			17 15	1 5			16 15		21 44		17 35				11 51	8 58	6 54
W26 T 27	10 24		3 32	6 26		18 19	3 56	22 35 22 30		17 17		22 51		16 16		21 44		17 35				11 49		6 53 6 53
F 28	10 3 9 41		4 14 4 45	5 41 4 55		18 18 18 17		22 24		17 20 17 22		22 51 22 52		16 17 16 18		21 44 21 44		17 35 17 35				11 47		6 53
S 29	9 20		5 3	4 10		18 16		22 18		17 24		22 52		16 18		21 44		17 35				11 43		6 53
S 30	8 59	4 41	5 8	3 25	0 32	18 14	3 32	22 12	0 54	17 26	1 6	22 52	0 36	16 19	0 44	21 44	0 36	17 35	5 53	21 31	21 46	11 41	9 3	6 53
M31	8n37	9n 1	5s 0	2n39	0n25	18n12	3 s26	22n 6	0n54	17 s28	1 s 6	22 s52	0n36	16 s20	0 s44	21 s45	0n36	17n35	5 s53	21n32	21n46	11s39	9s 4	6n52

Julian Day Number = 2329401.5, Delta T = 32.62 sec

Ecliptic obliquity =  $23^{\circ}28'54$ , Nutation = -  $0^{\circ}00'15$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^{\circ}04'21$ , Lahiri =  $19^{\circ}11'21$ Greg. Calendar

SEPTEMBER 1665 GC 00:00 UT

JLI	ILMDLK	1003 u	C												00.0	0 0.
Day	Sid.t	0	D	ğ	P	ð	4	ħ	)∤(	并	В	S.	v	Ç	Ŷ,	Day
T 1	22 42 23	8 m 53'04	18 <b>8</b> 58	25 <b>m</b> 53	239523	259523	14°R43	2°R30	17°R27	17°R25	27 <b>II</b> 24	22°R52	219523	9 <b>米</b> 21	17°R25	T 1
W 2	22 46 20	9°51'18	1 <b>Ⅲ</b> 37	27°28	24°16	26° 1	14≈37	2 <b>云</b> 30	17≈25	17 <b>る</b> 25	27°25	22950	21°20	9°28	17≈22	W 2
T 3	22 50 16	10°49'34	14°35	29° 2	25° 9	26°38	14°30	2°30	17°23	17°24	27°25	22°D50	21°16	9°35	17°19	T 3
F 4	22 54 13	11°47'52	27°56	0 <b>ჲ</b> 35	26° 3	27°16	14°24	2°29	17°21	17°23	27°26	22°51	21°13	9°41	17°17	F 4
S 5	22 58 10	12°46'12	119542	2° 7	26°58	27°54	14°18	2°29	17°19	17°22	27°26	22°52	21°10	9°48	17°14	S 5
S 6	23 2 6	13°44'35	25°54	3°37	27°53	28°31	14°12	2°D29	17°17	17°22	27°27	22°R52	21° 7	9°55	17°11	S 6
M 7	23 6 3	14°42'59	10 <b>Ω</b> 32	5° 6	28°49	29° 9	14° 6	2°29	17°15	17°21	27°27	22°51	21° 4	10° 2	17° 9	M 7
T 8	23 9 59	15°41'26	25°31	6°34	29°45	29°46	14° 1	2°29	17°13	17°20	27°27	22°47	21° 1	10° 8	17° 6	T 8
W 9	23 13 56	16°39'54	10 <b>m</b> /44	8° 1	$0\Omega42$	0 <b>Ω</b> 24	13°55	2°30	17°11	17°20	27°28	22°42	20°57	10°15	17° 3	W 9
T 10	23 17 52	17°38'24	26° 1	9°27	1°39	1° 1	13°50	2°30	17° 9	17°19	27°28	22°34	20°54	10°22	17° 1	T 10
F 11	23 21 49	18°36'57	11 <b>≏</b> 11	10°52	2°37	1°38	13°45	2°30	17° 7	17°18	27°29	22°26	20°51	10°28	16°58	F 11
S 12	23 25 45	19°35'30	26° 3	12°15	3°35	2°16	13°40	2°31	17° 5	17°18	27°29	22°17	20°48	10°35	16°56	S 12
S 13	23 29 42	20°34'06	10 <b>M</b> .31	13°37	4°33	2°53	13°35	2°32	17° 3	17°17	27°29	22°10	20°45	10°42	16°53	S 13
M14	23 33 39	21°32'44	24°30	14°58	5°32	3°30	13°30	2°32	17° 1	17°17	27°30	22° 5	20°41	10°48	16°51	M14
T 15	23 37 35	22°31'23	7 <b>√</b> 159	16°17	6°32	4° 7	13°26	2°33	16°59	17°16	27°30	22° 2	20°38	10°55	16°49	T 15
W16	23 41 32	23°30'04	21° 1	17°35	7°32	4°44	13°21	2°34	16°57	17°16	27°30	22°D 1	20°35	11° 2	16°46	W16
T 17	23 45 28	24°28'46	3 <b>ප්</b> 40	18°52	8°32	5°21	13°17	2°35	16°56	17°16	27°30	22° 1	20°32	11°8	16°44	T 17
F 18	23 49 25	25°27'31	15°59	20° 7	9°33	5°57	13°13	2°36	16°54	17°15	27°31	22°R 2	20°29	11°15	16°42	F 18
S 19	23 53 21	26°26'17	28° 4	21°20	10°34	6°34	13° 9	2°37	16°52	17°15	27°31	22° 2	20°26	11°22	16°40	S 19
S 20	23 57 18	27°25'04	10≈ 0	22°32	11°35	7°11	13° 6	2°39	16°51	17°15	27°31	22° 0	20°22	11°29	16°38	S 20
M21	0 1 14	28°23'54	21°51	23°42	12°37	7°48	13° 2	2°40	16°49	17°14	27°31	21°56	20°19	11°35	16°36	M21
T 22	0 5 11	29°22'45	3 <b>∺</b> 40	24°50	13°39	8°24	12°59	2°42	16°48	17°14	27°31	21°49	20°16	11°42	16°34	T 22
W23	0 9 7	0 <b>ჲ</b> 21'39	15°30	25°56	14°42	9° 1	12°56	2°43	16°46	17°14	27°31	21°40	20°13	11°49	16°32	W23
T 24	0 13 4	1°20'34	27°24	27° 0	15°44	9°37	12°53	2°45	16°45	17°14	27°31	21°28	20°10	11°55	16°30	T 24
F 25	0 17 1	2°19'31	9 <b>Υ</b> 23	28° 2	16°47	10°13	12°50	2°47	16°43	17°14	27°32	21°15	20° 7	12° 2	16°28	F 25
S 26	0 20 57	3°18'30	21°28	29° 1	17°51	10°50	12°48	2°49	16°42	17°13	27°32	21° 2	20° 3	12° 9	16°26	S 26
S 27	0 24 54	4°17'32	3 <b>8</b> 40	29°57	18°55	11°26	12°46	2°51	16°40	17°13	27°R32	20°50	20° 0	12°15	16°24	S 27
M28	0 28 50	5°16'35	16° 1	0 <b>M</b> .50	19°59	12° 2	12°43	2°53	16°39	17°13	27°32	20°39	19°57	12°22	16°23	M28
T 29	0 32 47	6°15'41	28°31	1°41	21° 3	12°38	12°42	2°55	16°38	17°D13	27°32	20°31	19°54	12°29	16°21	T 29
W30	0 36 43	7 <b>≙</b> 14'50	11 <b>I</b> I15	2 <b>M</b> 27	$22\Omega$ 8	$13\Omega14$	12≈40	2 <b>る</b> 57	16 <b>≈</b> 36	17 <b>る</b> 13	27 <b>Ⅲ</b> 31	209526	19951	12 <b>)</b> 35	16≈19	W30

Γ	ay	0	2	)	ζ	5	Ç	2	ď	1	2	4	ŧ	ì	)	<del>j</del> (	j	ŧ,	E	<u>-</u>	n	U	Ç	ę,	
		decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl l	at
T	1	8n15	13n 3	4s37	1n55	0n18	18n10	3 s20	22n 0	0n55	17s30	1s 6	22 s52	0n35	16 s20	0 s44	21 s45	0n36	17n35	5 s 5 3	21n32	21n47	11 s37	9s 5	6n52
W	2	7 53	16 35	4 1	1 10	0 10	18 7	3 14	21 54	0 56	17 32	1 6	22 52	0 35	16 21	0 44	21 45	0 36	17 35	5 53	21 33	21 47	11 35	9 6	6 52
T	3	7 31	19 25	3 11	0 26	0 3	18 4	3 8	21 47	0 56	17 33	1 6	22 52	0 35	16 21	0 44	21 45	0 36	17 35	5 53	21 33	21 48	11 33	9 7	6 52
F	4	7 9	21 18	2 10	0s18	0s 5	18 0	3 2	21 41	0 57	17 35	1 6	22 53	0 35	16 22	0 44	21 45	0 36	17 35	5 53	21 33	21 48	11 31	9 8	6 52
S	5	6 47	21 58	1 0	1 2	0 12	17 56	2 56	21 34	0 58	17 37	1 6	22 53	0 35	16 23	0 44	21 45	0 36	17 34	5 53	21 32	21 49	11 29	9 9	6 51
S	6	6 24	21 16	0n16	1 45	0 20	17 51	2 50	21 27	0 58	17 39	1 6	22 53	0 35	16 23	0 44	21 45	0 36	17 34	5 53	21 32	21 49	11 27	9 10	6 51
M	7	6 2	19 8	1 34	2 28	0 28	17 46	2 44	21 20	0 59	17 40	1 6	22 53	0 35	16 24	0 44	21 45	0 36	17 34	5 53	21 33	21 50	11 25	9 12	6 51
T	8	5 39	15 38	2 46	3 10	0 36	17 40	2 38	21 13	1 0	17 42	1 6	22 53	0 34	16 25	0 44	21 46	0 36	17 34	5 53	21 33	21 50	11 23	9 13	6 51
W	9	5 16	11 4	3 48	3 51	0 44	17 34	2 32	21 5	1 1	17 44	1 6	22 53	0 34	16 25	0 44	21 46	0 36	17 34	5 53	21 34	21 51	11 21	9 14	6 50
T	10	4 54	5 46	4 34	4 33	0 52	17 28	2 26	20 58	1 1	17 45	1 6	22 53	0 34	16 26	0 44	21 46	0 36	17 34	5 53	21 35	21 51	11 19	9 15	6 50
F	11	4 31	0 10	4 59	5 13	1 0	17 21	2 20	20 50	1 2	17 46	1 6	22 53	0 34	16 26	0 44	21 46	0 36	17 34	5 53	21 37	21 52	11 17	9 16	6 50
S	12	4 8	5 s21	5 5	5 53	1 8	17 13	2 14	20 42	1 3	17 48	1 5	22 54	0 34	16 27	0 44	21 46	0 36	17 34	5 54	21 38	21 52	11 15	9 17	6 49
S	13	3 45	10 25	4 50	6 33	1 16	17 6	2 8	20 35	1 3	17 49	1 5	22 54	0 34	16 27	0 44	21 46	0 36	17 34	5 54	21 39	21 53	11 13	9 18	6 49
M	14	3 22	14 45	4 18	7 11	1 23	16 57	2 2	20 27	1 4	17 51	1 5	22 54	0 34	16 28	0 44	21 46	0 36	17 34	5 54	21 40	21 53	11 11	9 19	6 49
T	15	2 58	18 11	3 33	7 49	1 31	16 48	1 56	20 19	1 5	17 52	1 5	22 54	0 33	16 28	0 44	21 46	0 36	17 34	5 54	21 41	21 54	11 9	9 20	6 48
W	16	2 35	20 33	2 38	8 26	1 39	16 39	1 50	20 10	1 5	17 53	1 5	22 54	0 33	16 29	0 44	21 46	0 36	17 34	5 54	21 41	21 54	11 7	9 21	6 48
T	17	2 12	21 49	1 37	9 3	1 47	16 29	1 44	20 2	1 6	17 54	1 5	22 54	0 33	16 30	0 44	21 46	0 36	17 34	5 54	21 41	21 55	11 5	9 22	6 48
F	18	1 48	21 59	0 32	9 39	1 55	16 19	1 38	19 54	1 7	17 55	1 5	22 54	0 33	16 30	0 44	21 47	0 36	17 33	5 54	21 41	21 55	11 3	9 22	6 48
S	19	1 25	21 7	0 s32	10 13	2 2	16 8	1 33	19 45	1 7	17 56	1 5	22 54	0 33	16 31	0 44	21 47	0 36	17 33	5 54	21 41	21 56	11 1	9 23	6 47
S	20	1 2	19 17	1 34	10 47	2 10	15 57	1 27	19 36	1 8	17 57	1 5	22 55	0 33	16 31	0 44	21 47	0 36	17 33	5 54	21 41	21 56	10 59	9 24	6 47
	21	0 38	16 39	2 32	11 20	2 17	15 45	1 21	19 28	1 9	17 58	1 5	22 55	0 33	16 31	0 44	21 47	0 36	17 33	5 54	21 42	21 56	10 57	9 25	6 46
T	22	0 15	13 19	3 22	11 52	2 24	15 33	1 16	19 19	1 9	17 59	1 5	22 55	0 33	16 32	0 44	21 47	0 36	17 33	5 54	21 43	21 57	10 54	9 26	6 46
W	23	0s 9	9 28	4 4	12 22	2 31	15 20	1 10	19 10	1 10	18 0	1 5	22 55	0 32	16 32	0 44	21 47	0 36	17 33	5 55	21 44	21 57	10 52	9 27	6 46
T	24	0 32	5 15	4 35	12 52	2 37	15 7	1 4	19 1	1 11	18 1	1 5	22 55	0 32	16 33	0 44	21 47	0 36	17 33	5 55	21 46	21 58	10 50	9 28	6 45
F	25	0 56	0 47	4 55	13 20	2 44	14 54	0 59	18 52	1 12	18 1	1 5	22 55	0 32	16 33	0 44	21 47	0 36	17 33	5 55	21 48	21 58	10 48	9 29	6 45
S	26	1 19	3n44	5 1	13 47	2 50	14 40	0 54	18 42	1 12	18 2	1 5	22 55	0 32	16 34	0 44	21 47	0 36	17 33	5 55	21 50	21 59	10 46	9 30	6 45
S	27	1 43	8 9	4 54	14 13	2 56	14 25	0 48	18 33	1 13	18 3	1 5	22 55	0 32	16 34	0 44	21 47	0 36	17 33	5 55	21 52	21 59	10 44	9 31	6 44
M	28	2 6	12 18	4 33	14 37	3 1	14 10	0 43	18 24	1 14	18 3	1 4	22 55	0 32	16 34	0 44	21 47	0 35	17 33	5 55	21 54	22 0	10 42	9 32	6 44
T	29	2 29	16 0	3 58	14 59	3 6	13 55	0 38	18 14	1 14	18 4	1 4	22 55	0 32	16 35	0 44	21 47	0 35	17 33	5 55	21 55	22 0	10 40	9 32	6 44
W	30	$2\mathrm{s}53$	19n 0	3 s 1 1	15 s20	3 s 1 0	13n39	0 s33	18n 5	1n15	18s 4	1 s 4	22 s55	0n32	16 s35	0 s44	21 s47	0n35	17n32	5 s 5 5	21n55	22n 1	10 s38	9 s 3 3	6n43

 $\label{eq:Julian Day Number = 2329432.5, Delta\ T = 32.57\ sec} \\ Ecliptic\ obliquity = 23°28'55, Nutation = -0°00'16, out-of-bounds\ declination\ in\ red\ Ayanamsha:\ Fagan/Bradley = 20°04'25, Lahiri = 19°11'25Greg.\ Calendar \\ \\$ 

OCTOBER 1665 GC 00:00 UT

D	G: 14		-	u u	_	_		_	\-(	) (	_		_	•	V	ъ
Day	Sid.t	0	D	ğ	φ	ð	4	ħ	Ж	卉	Р	u	Ω	Ç	o k	Day
T 1	0 40 40	8 <b>₽</b> 14'00	24 <b>Ⅱ</b> 13	3ML10	23 <b>Ω</b> 13	13 <b>£</b> 50	12°R38	3 <b>る</b> 0	16°R35	17 <b>る</b> 13	27°R31	20°R24	199547	12 <b>) (</b> 42	16°R18	T 1
F 2	0 44 36	9°13'13	79529	3°49	24°18	14°26	12≈37	3° 2	16≈34	17°14	27 <b>I</b> I31	20°D23	19°44	12°49	16≈16	F 2
S 3	0 48 33	10°12'28	21° 5	4°23	25°23	15° 2	12°36	3° 5	16°33	17°14	27°31	20°R23	19°41	12°56	16°15	S 3
S 4	0.52.30	11°11'46	5 <b>Ω</b> 5	4°53	26°29	15°37	12°35	3° 7	16°32	17°14	27°31	20923	19°38	13° 2	16°13	S 4
M 5	0 56 26	12°11'06	19°28	5°17	27°35	16°13	12°34	3°10	16°31	17°14	27°31	20°20	19°35	13° 9	16°12	M 5
T 6	1 0 23	13°10'28	4 mp 11	5°35	28°41	16°48	12°34	3°13	16°30	17°14	27°31	20°15	19°32	13°16	16°11	T 6
W 7	1 4 19	14° 9'53	19°11	5°46	29°48	17°24	12°33	3°16	16°29	17°14	27°30	20° 8	19°28	13°22	16°10	W 7
T 8	1 8 16	15° 9'19	4 <u>₽</u> 18	5°R51	0mp 54	17°59	12°D33	3°19	16°28	17°15	27°30	19°58	19°25	13°29	16° 9	T 8
F 9	1 12 12	16° 8'48	19°23	5°48	2° 1	18°35	12°33	3°22	16°27	17°15	27°30	19°46	19°22	13°36	16° 7	F 9
S 10	1 16 9	17° 8'19	4ML16	5°38	3° 8	19°10	12°33	3°25	16°26	17°15	27°30	19°34	19°19	13°42	16° 6	S 10
S 11	1 20 5	18° 7'52	18°47	5°19	4°16	19°45	12°34	3°28	16°26	17°16	27°29	19°24	19°16	13°49	16° 5	S 11
M12	1 24 2	19° 7'27	2×751	4°52	5°23	20°20	12°35	3°31	16°25	17°16	27°29	19°16	19°13	13°56	16° 5	M12
T 13	1 27 59	20° 7'03	16°26	4°16	6°31	20°55	12°35	3°35	16°24	17°17	27°29	19°11	19° 9	14° 2	16° 4	T 13
W14	1 31 55	21° 6'42	29°33	3°32	7°39	21°30	12°36	3°38	16°24	17°17	27°28	19° 8 19° 7	19° 6	14° 9	16° 3	W14
T 15	1 35 52	22° 6'22	12 <b>3</b> 14	2°39	8°47	22° 5	12°38	3°42	16°23	17°18	27°28	17 /	19° 3	14°16	16° 2	T 15
F 16	1 39 48	23° 6'04	24°35	1°39	9°55	22°40	12°39	3°46	16°22	17°18	27°28	'	19° 0	14°23	16° 2	F 16
S 17	1 43 45	24° 5'47	6≈40	0°33	11° 4	23°14	12°41	3°49	16°22	17°19	27°27	19° 7	18°57	14°29	16° 1	S 17
S 18	1 47 41	25° 5'33	18°35	29 <b>≏</b> 21	12°13	23°49	12°43	3°53	16°22	17°20	27°27	19° 5	18°53	14°36	16° 1	S 18
M19	1 51 38	26° 5'20	0 <b>)</b> €25	28° 6	13°21	24°23	12°45	3°57	16°21	17°20	27°26	19° 1	18°50	14°43	16° 0	M19
T 20	1 55 34	27° 5'08	12°14	26°50	14°30	24°57	12°47	4° 1	16°21	17°21	27°26	18°54	18°47	14°49	16° 0	T 20
W21	1 59 31	28° 4'59	24° 7	25°35	15°40	25°32	12°50	4° 5	16°21	17°22	27°25	18°44	18°44	14°56	15°59	W21
T 22	2 3 28	29° 4'51	6 <b>Y</b> 6	24°24	16°49	26° 6	12°52	4° 9	16°20	17°22	27°25	18°32	18°41	15° 3	15°59	T 22
F 23	2 7 24	OM 4'45	18°13	23°18	17°58	26°40	12°55	4°14	16°20	17°23	27°24	18°18	18°38	15° 9	15°59	F 23
S 24	2 11 21	1° 4'41	0829	22°20	19° 8	27°14	12°58	4°18	16°20	17°24	27°24	18° 4	18°34	15°16	15°59	S 24
S 25	2 15 17	2° 4'39	12°55	21°31	20°18	27°48	13° 1	4°22	16°20	17°25	27°23	17°51	18°31	15°23	15°59	S 25
M26	2 19 14	3° 4'39	25°31	20°52	21°28	28°22	13° 5	4°27	16°D20	17°26	27°22	17°40	18°28	15°30	15°D59	M26
T 27	2 23 10	4° 4'41	8 <b>Ⅱ</b> 18	20°25	22°38	28°55	13° 8	4°31	16°20	17°27	27°22	17°32	18°25	15°36	15°59	T 27
W28	2 27 7	5° 4'45	21°15	20° 9	23°48	29°29	13°12	4°36	16°20	17°28	27°21	17°26	18°22	15°43	15°59	W28
T 29	2 31 3	6° 4'51	49524	20°D 5	24°59	0 m 2	13°16	4°41	16°20	17°29	27°20	17°23	18°18	15°50	15°59	T 29
F 30	2 35 0	7° 5'00	17°46	20°12	26° 9	0°36	13°20	4°45	16°20	17°30	27°20	17°D23	18°15	15°56	15°59	F 30
S 31	2 38 57	8M 5'10	1 N 22	20₽30	27 m/20	1 Mp 9	13≈25	4 <b>る</b> 50	16≈21	17 <b>ට</b> 31	27 <b>I</b> 19	17°R23	189512	16 <b>)</b> 3	16≈ 0	S 31

Day	0	D	1	<del>ರ</del>	ç	)	ď	7	2	4	ŧ		)	ł(	<del> </del>	(	Е	)	n	v	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
T 1		-	4 15 s 38		13n22		17n55	-	18s 4		22 s 5 6		16 s35		21 s47	0n35				22n 1	10s36	9s34	6n43
F 2 S 3	3 40 4 3	22 9 1 21 53 0n	8 15 55 4 16 9		-	0 23 0 18		1 16 1 17			22 56 22 56		16 36 16 36		21 47 21 47		17 32 17 32		21 56 21 56		10 34 10 32	9 35 9 36	6 42 6 42
S 4	4 26	20 16 1 1	7 16 21	3 23	12 31	0 13	17 25	1 18	18 5	1 4	22 56	0 31	16 36	0 44	21 47	0 35	17 32	5 55	21 56	22 3	10 29	9 37	6 41
M 5 T 6	4 49			_			17 15 17 5	1 19 1 19	-		22 56 22 56		16 37 16 37	-	21 47 21 47	0 35 0 35			21 56 21 57	_	10 27 10 25	9 37 9 38	6 41 6 41
W 7	5 13 5 36	-	8 16 40	-	-	0n 1		1 20			22 56		16 37		21 47	0 35			21 58	_		9 39	6 40
T 8	5 59		9 16 40			-	16 45	1 21	18 5		22 56		16 37		21 47	0 35		5 56		22 4		9 40	6 40
F 9 S 10	6 22 6 45		0 16 36 1 16 28		10 56 10 36	0 11 0 15		1 22 1 22			22 56 22 56		16 38 16 38		21 47 21 47	0 35 0 35		5 56 5 56		22 5 22 5		9 40 9 41	6 39 6 39
S 11	7 7	-	2 16 16	3 8	10 16	0 19	16 14	1 23		_		0 30	16 38	0 44	21 47	0 35	17 32	5 56			10 10	9 42	6 39
M12 T 13	7 30 7 53				9 55 9 34		16 3 15 53	1 24 1 24	18 4 18 4	1 3			16 38 16 38		21 47 21 47	0 35 0 35		5 56 5 56			10 13 10 10	9 42 9 43	6 38 6 38
W14		20 3 2 4 21 47 1 4			9 12	-	15 42	1 24	18 4	1 3			16 39		21 47	0 35		5 56		22 7	10 10	9 43	6 37
T 15	8 37				8 51		15 32	1 26		1 3			16 39		21 47	0 35		5 56		22 8	10 6	9 44	6 37
F 16 S 17	9 0 9 22		-		8 28 8 6	0 40 0 44	15 21 15 10	1 27 1 27	18 3 18 2				16 39 16 39		21 47 21 47	0 35 0 35	17 31 17 31	5 56 5 56		22 8 22 8		9 45 9 45	6 36 6 36
S 18	9 44	17 39 2 2	9 12 47	1 38	7 43	0 47	15 0	1 28	18 1	1 2	22 56	0 29	16 39	0 43	21 47	0 35	17 31	5 57	22 7	22 9	10 0	9 46	6 35
M19	10 6	14 28 3 2	-		7 20	-	14 49	1 29		1 2					21 47	0 35		5 57		-	9 58	9 47	6 35
T 20 W21	10 27 10 49	-	2 11 16 3 10 30		6 57 6 33	0 54 0 58	14 38 14 27	1 30	18 0 17 59				16 39 16 39		21 47 21 47		17 31 17 31	5 57 5 57		22 10 22 10		9 47 9 48	6 35 6 34
T 22	11 10	2 4 4 5			6 9		14 16	1 31	17 58				16 39		21 47		17 31			22 11	9 51	9 48	6 34
F 23 S 24	11 31 11 52		0 9 1	0n 3	5 45	-	14 5 13 54	1 32	17 57 17 56	1 2			16 39		21 47	0 35				22 11	9 49 9 47	9 49 9 49	6 33 6 33
S 24		7 5 4 5 11 25 4 3		0 23	5 21 4 56		13 43		17 55				16 39 16 39		21 46 21 46		17 31 17 30			22 12 22 12		9 49	6 32
M26	-	15 19 3 5			4 31	1 14				1 2			16 39		21 46	0 35				22 12		9 50	6 32
T 27	12 54	18 35 3 1	1 6 51	1 14	4 6	1 17	13 21	1 35	17 53	1 1	22 56	0 28	16 39	0 43	21 46	0 35	17 30			22 13		9 51	6 31
W28	13 14				3 41		13 10		17 52	1 1			16 39		21 46	0 35				22 13		9 51	6 31
T 29 F 30	13 34 13 54	-	8 6 20 2 6 13		3 15 2 50		12 59 12 48		17 51 17 49	1 1			16 39 16 39		21 46 21 46	0 35 0 35				22 14 22 14		9 51 9 52	6 30
S 31		21n 5 1n1			2n24		12n37		17 s48		22 s56		16 s39		21 s46		17n30			22n15		9 s 5 2	6n29

Julian Day Number = 2329462.5, Delta T = 32.51 sec Ecliptic obliquity =  $23^{\circ}28'55$ , Nutation = -  $0^{\circ}00'17$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^{\circ}04'29$ , Lahiri =  $19^{\circ}11'29$ Greg. Calendar

NOVEMBER 1665 GC 00:00 UT

11012	DEN 1	LUUJ UC													00.0	0.
Day	Sid.t	0	D	ğ	φ	ď	4	ħ	)મ(	并	В	S.	v	Ç	Ŗ	Day
S 1	2 42 53	9M 5'23	15 <b>Ω</b> 14	20 <b>≏</b> 57	28 <b>m</b> /31	1 <b>m</b> 42	13≈29	4 <b>궁</b> 55	16≈21	17 <b>云</b> 32	27°R18	17°R23	1895 9	16 <b>米</b> 10	16≈ 0	S 1
M 2	2 46 50	10° 5'37	29°23	21°34	29°42	2°15	13°34	5° 0	16°21	17°33	27 <b>I</b> 17	179522	18° 6	16°16	16° 1	M 2
T 3	2 50 46	11° 5'54	13 <b>m</b> 47	22°19	0 <b>ჲ</b> 53	2°48	13°39	5° 5	16°22	17°34	27°17	17°18	18° 3	16°23	16° 1	T 3
W 4	2 54 43	12° 6'12	28°24	23°11	2° 4	3°21	13°44	5°10	16°22	17°35	27°16	17°11	17°59	16°30	16° 2	W 4
T 5	2 58 39	13° 6'33	13 <b>♀</b> 7	24° 9	3°16	3°54	13°49	5°15	16°23	17°36	27°15	17° 3	17°56	16°37	16° 2	T 5
F 6	3 2 36	14° 6'55	27°51	25°13	4°27	4°26	13°55	5°21	16°23	17°38	27°14	16°53	17°53	16°43	16° 3	F 6
S 7	3 6 32	15° 7'20	12 <b>M</b> 27	26°22	5°39	4°59	14° 0	5°26	16°24	17°39	27°13	16°42	17°50	16°50	16° 4	S 7
S 8	3 10 29	16° 7'46	26°47	27°35	6°50	5°31	14° 6	5°31	16°24	17°40	27°13	16°33	17°47	16°57	16° 5	S 8
M 9	3 14 25	17° 8'13	10 <b>∡</b> 746	28°52	8° 2	6° 3	14°12	5°37	16°25	17°42	27°12	16°26	17°44	17° 3	16° 6	M 9
T 10	3 18 22	18° 8'43	24°20	0 <b>M</b> .12	9°14	6°35	14°18	5°42	16°26	17°43	27°11	16°21	17°40	17°10	16° 6	T 10
W11	3 22 19	19° 9'13	7 <b>云</b> 28	1°34	10°26	7° 7	14°24	5°48	16°27	17°44	27°10	16°19	17°37	17°17	16° 8	W11
T 12	3 26 15	20° 9'45	20°13	2°58	11°38	7°39	14°31	5°53	16°27	17°46	27° 9	16°D19	17°34	17°24	16° 9	T 12
F 13	3 30 12	21°10'19	2≈36	4°25	12°50	8°11	14°37	5°59	16°28	17°47	27° 8	16°19	17°31	17°30	16°10	F 13
S 14	3 34 8	22°10'53	14°44	5°52	14° 3	8°43	14°44	6° 5	16°29	17°49	27° 7	16°20	17°28	17°37	16°11	S 14
S 15	3 38 5	23°11'29	26°41	7°21	15°15	9°14	14°51	6°10	16°30	17°50	27° 6	16°R21	17°24	17°44	16°12	S 15
M16	3 42 1	24°12'06	8 <b>∺</b> 32	8°51	16°27	9°45	14°58	6°16	16°31	17°52	27° 5	16°19	17°21	17°50	16°14	M16
T 17	3 45 58	25°12'44	20°23	10°22	17°40	10°16	15° 6	6°22	16°32	17°53	27° 4	16°16	17°18	17°57	16°15	T 17
W18	3 49 55	26°13'23	2 <b>Υ</b> 18	11°54	18°52	10°47	15°13	6°28	16°34	17°55	27° 3	16°10	17°15	18° 4	16°17	W18
T 19	3 53 51	27°14'04	14°21	13°26	20° 5	11°18	15°21	6°34	16°35	17°56	27° 2	16° 3	17°12	18°10	16°18	T 19
F 20	3 57 48	28°14'45	26°35	14°58	21°18	11°49	15°28	6°40	16°36	17°58	27° 1	15°54	17° 9	18°17	16°20	F 20
S 21	4 1 44	29°15'28	9 <b>8</b> 2	16°31	22°31	12°19	15°36	6°46	16°37	17°59	27° 0	15°45	17° 5	18°24	16°21	S 21
S 22	4 5 41	0 <b>∡</b> 16'12	21°43	18° 4	23°44	12°50	15°44	6°52	16°39	18° 1	26°59	15°36	17° 2	18°31	16°23	S 22
M23	4 9 37	1°16'58	4 <b>Ⅱ</b> 38	19°38	24°57	13°20	15°52	6°58	16°40	18° 3	26°58	15°29	16°59	18°37	16°25	M23
T 24	4 13 34	2°17'45	17°46	21°11	26°10	13°50	16° 1	7° 4	16°42	18° 4	26°57	15°24	16°56	18°44	16°27	T 24
W25	4 17 30	3°18'33	199 6	22°45	27°23	14°20	16° 9	7°11	16°43	18° 6	26°56	15°21	16°53	18°51	16°29	W25
T 26	4 21 27	4°19'22	14°36	24°18	28°36	14°50	16°18	7°17	16°45	18° 8	26°55	15°D20	16°50	18°57	16°31	T 26
F 27	4 25 24	5°20'13	28°17	25°52	29°49	15°19	16°26	7°23	16°46	18°10	26°54	15°20	16°46	19° 4	16°33	F 27
S 28	4 29 20	6°21'05	12 <b>N</b> 7	27°26	1 <b>m</b> 3	15°49	16°35	7°30	16°48	18°12	26°53	15°22	16°43	19°11	16°35	S 28
S 29	4 33 17	7°21'59	26° 4	28°59	2°16	16°18	16°44	7°36	16°49	18°13	26°52	15°23	16°40	19°18	16°37	S 29
M30	4 37 13	8 <b>×</b> 122'53	10 <b>m</b> 10	0 <b>∡</b> 33	3M29	16 <b>M</b> )47	16≈54	7 <b>云</b> 42	16≈51	18 <b>궁</b> 15	26耳50	15°R23	16937	19 <b>)</b> 24	16 <b>≈</b> 39	M30

Day	0	D	ğ	Q	♂	4	ħ	)Å(	并	Р	w v	ţ	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	14 s33	18n34 2n2	2 6s16 2n 4	4 1n58 1n30	12n25 1n39	17 s47 1 s 1	22 s56 0n28	16 s 39 0 s 4 3	21 s46 0n34	17n30 5s57	22n21 22n15	9 s 2 9	9s52 6n29
M 2	14 52	14 53 3 2	4 6 25 2 10	0 1 32 1 32	12 14 1 40	17 45 1 1	22 56 0 28	16 39 0 43	21 46 0 34	17 30 5 57	22 21 22 15	9 27	9 53 6 29
T 3	15 11	10 17 4 1	3 6 38 2 13	3 1 5 1 34	12 3 1 40	17 44 1 1	22 56 0 27	16 39 0 43	21 45 0 34	17 30 5 58	22 22 22 16	9 25	9 53 6 28
W 4	15 30	5 2 4 4	7 6 56 2 15	5 0 39 1 36	11 52 1 41	17 42 1 1	22 55 0 27	16 38 0 43	21 45 0 34	17 30 5 58	22 22 22 16	9 23	9 53 6 28
T 5	15 48	0s33 5	2 7 16 2 17	7 0 12 1 38	11 41 1 42	17 40 1 0	22 55 0 27	16 38 0 43	21 45 0 34	17 30 5 58	22 24 22 17	9 21	9 53 6 27
F 6	16 6	6 6 4 5	8 7 39 2 17	7 0s14 1 40	11 30 1 43	17 39 1 0	22 55 0 27	16 38 0 43	21 45 0 34	17 30 5 58	22 25 22 17	9 18	9 54 6 27
S 7	16 24	11 15 4 3	4 8 5 2 10	6 0 41 1 42	11 18 1 44	17 37 1 0	22 55 0 27	16 38 0 43	21 45 0 34	17 30 5 58	22 26 22 17	9 16	9 54 6 26
S 8	16 42	15 42 3 5	2 8 33 2 14	4 1 8 1 44	11 7 1 44	17 35 1 0	22 55 0 27	16 38 0 43	21 45 0 34	17 29 5 58	22 27 22 18	9 14	9 54 6 26
M 9	16 59	19 10 2 5	8 9 3 2 1	1 1 35 1 45	10 56 1 45	17 33 1 0	22 55 0 27	16 37 0 43	21 45 0 34	17 29 5 58	22 28 22 18	9 12	9 54 6 25
T 10	17 16	21 27 1 5	5 9 34 2 8	8 2 2 1 47	10 45 1 46	17 31 1 0	22 55 0 27	16 37 0 43	21 45 0 34	17 29 5 58	22 29 22 19	9 10	9 54 6 25
W11	17 33	22 29 0 4	7 10 6 2 4	4 2 29 1 48	10 34 1 47	17 29 1 0	22 55 0 27	16 37 0 43	21 44 0 34	17 29 5 58	22 29 22 19	9 7	9 55 6 24
T 12	17 49	22 18 0s2	1 10 39 2 0	0 2 56 1 50	10 23 1 48	17 27 1 0	22 55 0 27	16 36 0 43	21 44 0 34	17 29 5 58	22 29 22 20	9 5	9 55 6 24
F 13	18 5	21 1 1 2		5 3 23 1 51	10 12 1 48				21 44 0 34	17 29 5 58	22 29 22 20	9 3	9 55 6 24
S 14	18 21	18 47 2 2	7 11 47 1 49	9 3 50 1 52	10 0 1 49	17 23 0 59	22 54 0 26	16 36 0 42	21 44 0 34	17 29 5 58	22 29 22 20	9 1	9 55 6 23
S 15	18 36	15 46 3 1	9 12 21 1 44		9 49 1 50			16 36 0 42	21 44 0 34		22 29 22 21	8 58	9 55 6 23
M16		-	3 12 56 1 38		9 38 1 51				21 44 0 34		22 29 22 21	8 56	9 55 6 22
T 17	19 6	8 3 4 3							21 43 0 34		22 29 22 22		9 55 6 22
W18	19 21	3 38 4 5							21 43 0 34		22 30 22 22		9 55 6 21
T 19	19 35		7 14 39 1 19						21 43 0 34		22 31 22 22		9 55 6 21
F 20	19 48		2 15 12 1 12								22 32 22 23		9 55 6 20
S 21	20 2	10 4 4 4	2 15 46 1 3	5 6 58 1 57	8 43 1 55	17 7 0 59	22 53 0 26	16 33 0 42	21 43 0 34	17 29 5 58	22 33 22 23	8 45	9 55 6 20
S 22	20 15	14 13 4	9 16 19 0 58	8 7 25 1 57	8 33 1 56	17 5 0 59	22 53 0 26	16 33 0 42	21 42 0 34	17 29 5 58	22 34 22 24	8 43	9 55 6 20
M23	20 27	17 47 3 2	2 16 51 0 52	2 7 51 1 57	8 22 1 57	17 2 0 59	22 52 0 25	16 32 0 42	21 42 0 34	17 29 5 58	22 35 22 24	8 40	9 55 6 19
T 24	20 39	20 32 2 2	4 17 22 0 45	5 8 17 1 58	8 11 1 58	17 0 0 58	22 52 0 25	16 32 0 42	21 42 0 34	17 29 5 58	22 36 22 24	8 38	9 54 6 19
W25	20 51	22 12 1 1	5 17 53 0 37	7 8 44 1 58	8 0 1 59	16 57 0 58	22 52 0 25	16 31 0 42	21 42 0 34	17 29 5 58	22 36 22 25	8 36	9 54 6 18
	21 3	22 37 0	4 18 23 0 30	0 9 10 1 58	7 49 2 0	16 54 0 58	22 52 0 25	16 31 0 42	21 42 0 34	17 29 5 58	22 36 22 25	8 34	9 54 6 18
F 27	21 14	21 41 1n1	0 18 53 0 23	3 9 36 1 58	7 39 2 1	16 52 0 58	22 51 0 25	16 30 0 42	21 41 0 34	17 29 5 58	22 36 22 26	8 31	9 54 6 17
S 28	21 24	19 26 2 2	0 19 21 0 10	6 10 1 1 57	7 28 2 2	16 49 0 58	22 51 0 25	16 30 0 42	21 41 0 34	17 29 5 58	22 36 22 26	8 29	9 54 6 17
S 29	21 35	16 2 3 2	3 19 49 0 9	9 10 27 1 57	7 18 2 2	16 46 0 58	22 51 0 25	16 29 0 42	21 41 0 34	17 29 5 58	22 36 22 26	8 27	9 54 6 17
M30	21 s45	11n42 4n1	5 20s16 On 3	3 10 s52 1n57	7n 7 2n 3	16s43 0s58	22 s51 0n25	16 s29 0 s42	21 s41 0n34	17n29 5s58	22n36 22n27	8 s 2 5	9s53 6n16

 $\label{eq:Julian Day Number = 2329493.5, Delta T = 32.46 sec} \\ Ecliptic obliquity = 23°28'55, Nutation = -0°00'18, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 20°04'33, Lahiri = 19°11'34Greg. Calendar \\ \\$ 

DECEMBER 1665 GC 00:00 UT

Day	Sid.t	0	D	ğ	Ω	♂ <sup>1</sup>	4	ħ	)ұ(	¥	В	R	ດ	Ç	ķ	Day
T 1	4 41 10	9 <b>x</b> <sup>1</sup> 23'50	24 <b>m</b> )21	2×7 7	4ML43	17 <b>m</b> )16	17≈ 3	7 <b>石</b> 49	16≈53	18 <b>ට</b> 17	26°R49	15°R23	16934	19 <b>)</b>	16≈41	T 1
W 2	4 45 6	10°24'47	8 <u>0</u> 37	3°41	5°57	17°45	17°12	7°55	16°55	18°19	26 <b>I</b> I48	15920	16°30	19°38	16°43	W 2
T 3	4 49 3	11°25'46	22°55	5°15	7°10	18°13	17°22	8° 2	16°57	18°21	26°47	15°16	16°27	19°44	16°46	T 3
F 4	4 52 59	12°26'46	7 <b>M</b> 9	6°49	8°24	18°42	17°31	8° 9	16°58	18°23	26°46	15°11	16°24	19°51	16°48	F 4
S 5	4 56 56	13°27'47	21°17	8°22	9°38	19°10	17°41	8°15	17° 0	18°25	26°45	15° 5	16°21	19°58	16°51	S 5
S 6	5 0 53	14°28'49	5 <b>₹</b> 12	9°56	10°51	19°38	17°51	8°22	17° 2	18°27	26°44	15° 1	16°18	20° 4	16°53	S 6
M 7	5 4 49	15°29'52	18°52	11°30	12° 5	20° 5	18° 1	8°29	17° 4	18°29	26°42	14°57	16°15	20°11	16°56	M 7
T 8	5 8 46	16°30'56	2 <b>る</b> 13	13° 4	13°19	20°33	18°11	8°35	17° 7	18°31	26°41	14°55	16°11	20°18	16°58	T 8
W 9	5 12 42	17°32'00	15°14	14°39	14°33	21° 0	18°22	8°42	17° 9	18°33	26°40	14°D54	16° 8	20°25	17° 1	W 9
T 10	5 16 39	18°33'05	27°56	16°13	15°47	21°27	18°32	8°49	17°11	18°35	26°39	14°55	16° 5	20°31	17° 4	T 10
F 11	5 20 35	19°34'11	10≈20	17°47	17° 1	21°54	18°43	8°56	17°13	18°37	26°38	14°56	16° 2	20°38	17° 7	F 11
S 12	5 24 32	20°35'17	22°30	19°22	18°15	22°20	18°53	9° 2	17°15	18°39	26°36	14°58	15°59	20°45	17° 9	S 12
S 13	5 28 28	21°36'23	4 <b>∺</b> 28	20°56	19°29	22°47	19° 4	9° 9	17°17	18°41	26°35	15° 0	15°56	20°51	17°12	S 13
M14	5 32 25	22°37'30	16°21	22°31	20°43	23°13	19°15	9°16	17°20	18°43	26°34	15° 1	15°52	20°58	17°15	M14
T 15	5 36 22	23°38'37	28°13	24° 6	21°58	23°39	19°26	9°23	17°22	18°45	26°33	15°R 1	15°49	21° 5	17°18	T 15
W16	5 40 18	24°39'44	10 <b>Y</b> 8	25°41	23°12	24° 4	19°37	9°30	17°25	18°47	26°32	15° 0	15°46	21°12	17°21	W16
T 17	5 44 15	25°40'51	22°12	27°16	24°26	24°30	19°48	9°37	17°27	18°49	26°30	14°58	15°43	21°18	17°24	T 17
F 18	5 48 11	26°41'59	4828	28°52	25°40	24°55	19°59	9°44	17°29	18°51	26°29	14°56	15°40	21°25	17°27	F 18
S 19	5 52 8	27°43'06	17° 0	0중28	26°54	25°20	20°11	9°51	17°32	18°53	26°28	14°53	15°36	21°32	17°30	S 19
S 20	5 56 4	28°44'14	29°50	2° 4	28° 9	25°44	20°22	9°58	17°34	18°56	26°27	14°50	15°33	21°38	17°34	S 20
M21	6 0 1	2 <u>9</u> °45'23	13 <b>II</b> 0	3°40	29°23	26° 8	20°34	10° 5	17°37	18°58	26°26	14°48	15°30	21°45	17°37	M21
T 22	6 3 57	0 <b>ප්</b> 46'31	26°28	5°16	0 <b>,</b> 737	26°33	20°45	10°12	17°40	19° 0	26°24	14°47	15°27	21°52	17°40	T 22
W23	6 7 54	1°47'40	109512	6°53	1°52	26°56	20°57	10°19	17°42	19° 2	26°23	14°D46	15°24	21°59	17°43	W23
T 24	6 11 51	2°48'48	24°11	8°30	3° 6	27°20	21° 9	10°26	17°45	19° 4	26°22	14°46	15°21	22° 5	17°47	T 24
F 25	6 15 47	3°49'58	8 <b>Ω</b> 21	10° 7	4°21	27°43	21°21	10°33	17°48	19° 7	26°21	14°47	15°17	22°12	17°50	F 25
S 26	6 19 44	4°51'07	22°36	11°45	5°35	28° 6	21°33	10°40	17°50	19° 9	26°20	14°48	15°14	22°19	17°54	S 26
S 27	6 23 40	5°52'17	6 <b>m</b> 54	13°22	6°50	28°28	21°45	10°47	17°53	19°11	26°19	14°49	15°11	22°25	17°57	S 27
M28	6 27 37	6°53'27	21°11	15° 0	8° 4	28°50	21°57	10°54	17°56	19°13	26°17	14°49	15° 8	22°32	18° 1	M28
T 29	6 31 33	7°54'37	5 <b>≏</b> 24	16°38	9°19	29°12	22° 9	11° 1	17°59	19°15	26°16	14°R49	15° 5	22°39	18° 4	T 29
W30	6 35 30	8°55'48	19°31	18°17	10°33	29°34	22°22	11° 8	18° 2	19°18	26°15	14°49	15° 2	22°46	18° 8	W30
T 31	6 39 26	9 <b>ප</b> 56'58	3 <b>M</b> .30	19 <b>궁</b> 55	11 <b>~</b> 48	29 <b>m</b> 55	22 <b>≈</b> 34	11 <b>궁</b> 15	18 <b>≈</b> 5	19 <b>궁</b> 20	26 <b>I</b> I14	149549	149558	22 <b>米</b> 52	18 <b>≈</b> 11	T 31

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T 1 W 2	21 s54 22 3	1 19 5 9	20 s42 21 6	0 11 11 42	1 56 6	5n57 2n 4	16 37	0 58	22 s50 22 50	0 25	16 s28 16 28	0 42	21 s40 21 40	0 34	17 29	5 58	22n36 22 36	22 28	8 s22 8 20	9 s 5 3 9 5 3	6n16 6 15
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T 10 F 11 S 12	22 59 23 4 23 9	19 51 2 15	23 47 24 2 24 16	1 1 14 52 1 7 15 14 1 13 15 36		16 2 14		0 57	22 47 22 47 22 47	0 24	16 23 16 22 16 21	0 42	21 38 21 38 21 38	0 33		5 58	22 39 22 39 22 38	22 31	8 2 7 59 7 57	9 50 9 49 9 49	6 12 6 12 6 12
S 13 M14 T 15 W16 T 17 F 18 S 19	23 13 23 17 23 20 23 22 23 25 23 26 23 28	9 38 4 37 5 20 5 2 0 48 5 14 3n49 5 13 8 22 4 57	-	1 18 15 58 1 23 16 19 1 28 16 40 1 33 17 0 1 37 17 20 1 41 17 39 1 45 17 58	1 43 4 1 41 4 1 40 4 1 38 4	38 2 18 29 2 19 20 2 20 11 2 21	15 59 15 55 15 52 15 48	0 57 0 57 0 57 0 57 0 57	22 45 22 45	0 24 0 24 0 23 0 23 0 23	16 20 16 20 16 19 16 18 16 17 16 17 16 16	0 42 0 42 0 42 0 42 0 42 0 41	21 38 21 37 21 37 21 37 21 36 21 36 21 36	0 33 0 33 0 33 0 33 0 33	17 29 17 29 17 29 17 29	5 58 5 58 5 58 5 58 5 58	22 38 22 38 22 38 22 38 22 38 22 39 22 39	22 32 22 33 22 33 22 33	7 55 7 52 7 50 7 48 7 45 7 43 7 41	9 48 9 48 9 47 9 47 9 46 9 45 9 45	6 11 6 11 6 10 6 10 6 10 6 9 6 9
S 20 M21 T 22 W23 T 24 F 25 S 26	23 29 23 29 23 29 23 28 23 27 23 26 23 24	19 38 2 47 21 47 1 40 22 40 0 25 22 10 0n52 20 15 2 7	25 9	1 49 18 17 1 53 18 35 1 56 18 52 1 59 19 9 2 1 19 26 2 3 19 42 2 5 19 57	1 31 3 1 29 3 1 27 3 1 25 3	44 2 24 36 2 25 27 2 26 19 2 27 11 2 28	15 29 15 26 15 22	0 56 0 56 0 56 0 56 0 56	22 43 22 42 22 42 22 42 22 42 22 41 22 41	0 23 0 23 0 23 0 23 0 23	16 15 16 14 16 13 16 13 16 12 16 11 16 10	0 41 0 41 0 41 0 41 0 41	21 36 21 35 21 35 21 35 21 34 21 34 21 34	0 33 0 33 0 33 0 33 0 33		5 57 5 57 5 57 5 57 5 57	22 40 22 40 22 40 22 40	22 35 22 35 22 36 22 36	7 39 7 36 7 34 7 32 7 29 7 27 7 24	9 44 9 44 9 43 9 42 9 42 9 41 9 40	6 9 6 8 6 8 6 8 6 8 6 7 6 7
T 29 W30	23 18 23 15	7 57 4 51 2 38 5 13 2 s 4 6 5 1 6	24 54 24 45 3 24 34 5 24 21 24s 7	2 7 20 12 2 8 20 26 2 8 20 40 2 8 20 53 2s 8 21s 6	1 16 2 1 14 2 1 11 2	47 2 32 39 2 33 32 2 34	15 10 15 6 15 2 14 58 14s54	0 56 0 56 0 56	22 40 22 40 22 39 22 39 22 s38	0 23 0 23 0 22 0 22 0n22	16 8 16 7	0 41 0 41 0 41	21 34 21 33 21 33 21 33 21 s32	0 33 0 33 0 33	17 29 17 29	5 57 5 57 5 57	22 39 22 39 22 39 22 39 22n39	22 37 22 38	7 22 7 20 7 17 7 15 7 s13	9 39 9 39 9 38 9 37 9s36	6 7 6 6 6 6 6 6 6n 6

Julian Day Number = 2329523.5, Delta T = 32.40 sec Ecliptic obliquity =  $23^{\circ}28'55$ , Nutation = -  $0^{\circ}00'17$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $20^{\circ}04'37$ , Lahiri =  $19^{\circ}11'38$ Greg. Calendar