

# Astrodienst Ephemeris Tables for the year 1628

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 1628 GC 00:00 UT

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Day	Sid.t	0	D	ğ	ρ	ð	4	ħ	)∤(	并	В	N.	v	Ç	Ŗ	Day
S 1	6 40 15	10중11'00	8 <b>M</b> 40	26°R48	16 <b>궁</b> 19	21841	18 <b>×</b> 25	10 <b>≏</b> 51	5°R42	28 <b>Ω</b> 59	18°R14	28°R59	29955	6 <b>₹</b> 152	28 <b>)</b> 48	S 1
S 2	6 44 11	11°12'11	20°32	26 <b>ප</b> 45	17°34	21°46	18°38	10°53	5 <b>m</b> 41	29° 0	18 <b>8</b> 13	28957	29°52	6°59	28°49	S 2
M 3	6 48 8	12°13'22	2 <b>×</b> 22	26°31	18°50	21°51	18°51	10°55	5°39	29° 0	18°12	28°54	29°49	7° 5	28°50	M 3
T 4	6 52 5	13°14'33	14°12	26° 4	20° 5	21°57	19° 4	10°57	5°38	29° 1	18°12	28°51	29°46	7°12	28°52	T 4
W 5	6 56 1	14°15'44	26° 6	25°26	21°20	22° 4	19°17	10°59	5°37	29° 2	18°11	28°49	29°43	7°19	28°53	W 5
T 6	6 59 58	15°16'55	8중 5	24°37	22°36	22°11	19°30	11° 0	5°35	29° 3	18°11	28°47	29°40	7°25	28°54	T 6
F 7	7 3 54	16°18'05	20°11	23°39	23°51	22°19	19°43	11° 2	5°34	29° 4	18°10	28°46	29°36	7°32	28°56	F 7
S 8	7 7 51	17°19'15	2≈26	22°31	25° 7	22°28	19°56	11° 3	5°33	29° 5	18°10	28°D46	29°33	7°39	28°58	S 8
S 9	7 11 47	18°20'25	14°52	21°18	26°22	22°37	20° 9	11° 5	5°31	29° 5	18° 9	28°47	29°30	7°46	28°59	S 9
M10	7 15 44	19°21'33	27°29	20° 1	27°37	22°47	20°22	11° 6	5°30	29° 6	18° 9	28°48	29°27	7°52	29° 1	M10
T 11	7 19 41	20°22'42	10 <b>)</b> 19	18°42	28°53	22°58	20°34	11° 7	5°28	29° 7	18° 8	28°48	29°24	7°59	29° 3	T 11
W12	7 23 37	21°23'49	23°24	17°24	0≈ 8	23° 9	20°47	11° 8	5°26	29° 8	18° 8	28°49	29°20	8° 6	29° 4	W12
T 13	7 27 34	22°24'56	6 <b>℃</b> 45	16° 9	1°23	23°21	21° 0	11° 9	5°25	29° 8	18° 7	28°50	29°17	8°12	29° 6	T 13
F 14	7 31 30	23°26'01	20°24	15° 0	2°39	23°33	21°12	11° 9	5°23	29° 9	18° 7	28°R50	29°14	8°19	29° 8	F 14
S 15	7 35 27	24°27'06	4821	13°57	3°54	23°46	21°25	11°10	5°21	29° 9	18° 6	28°50	29°11	8°26	29°10	S 15
S 16	7 39 23	25°28'10	18°36	13° 3	5° 9	23°59	21°37	11°10	5°20	29°10	18° 6	28°50	29° 8	8°32	29°12	S 16
M17	7 43 20	26°29'13	3 <b>I</b> I 6	12°17	6°25	24°13	21°49	11°11	5°18	29°10	18° 6	28°49	29° 5	8°39	29°14	M17
T 18	7 47 16	27°30'15	17°48	11°40	7°40	24°28	22° 2	11°11	5°16	29°11	18° 5	28°49	29° 1	8°46	29°16	T 18
W19	7 51 13	28°31'16	2935	11°12	8°55	24°43	22°14	11°11	5°14	29°11	18° 5	28°D49	28°58	8°52	29°18	W19
T 20	7 55 10	29°32'16	17°21	10°54	10°10	24°58	22°26	11°R12	5°12	29°12	18° 5	28°49	28°55	8°59	29°20	T 20
F 21	7 59 6	0≈33'15	1 <b>Q</b> 59	10°44	11°26	25°14	22°38	11°12	5°10	29°12	18° 5	28°R49	28°52	9° 6	29°23	F 21
S 22	8 3 3	1°34'13	16°22	10°D43	12°41	25°31	22°51	11°11	5° 8	29°12	18° 4	28°49	28°49	9°13	29°25	S 22
S 23	8 6 59	2°35'10	0 <b>m</b> 24	10°49	13°56	25°48	23° 3	11°11	5° 6	29°12	18° 4	28°49	28°46	9°19	29°27	S 23
M24	8 10 56	3°36'07	14° 3	11° 3	15°11	26° 5	23°15	11°11	5° 4	29°13	18° 4	28°48	28°42	9°26	29°30	M24
T 25	8 14 52	4°37'02	27°18	11°23	16°26	26°23	23°26	11°10	5° 2	29°13	18° 4	28°48	28°39	9°33	29°32	T 25
W26	8 18 49	5°37'57	10 <b>₽</b> 9	11°49	17°42	26°41	23°38	11°10	5° 0	29°13	18° 4	28°47	28°36	9°39	29°34	W26
T 27	8 22 45	6°38'51	22°40	12°21	18°57	27° 0	23°50	11° 9	4°58	29°13	18° 4	28°46	28°33	9°46	29°37	T 27
F 28	8 26 42	7°39'45	4 <b>M</b> .53	12°58	20°12	27°19	24° 2	11° 8	4°55	29°13	18° 3	28°D46	28°30	9°53	29°39	F 28
S 29	8 30 39	8°40'37	16°54	13°39	21°27	27°38	24°13	11° 8	4°53	29°13	18° 3	28°46	28°26	9°59	29°42	S 29
S 30	8 34 35	9°41'29	28°46	14°25	22°42	27°58	24°25	11° 7	4°51	29°13	18° 3	28°47	28°23	10° 6	29°45	S 30
M31	8 38 32	10≈42'19	10 <b>∡</b> 36	15 <b>る</b> 15	23≈57	28 <b>8</b> 19	24 <b>∡</b> ³36	11 <b>º</b> 6	4 <b>M</b> 48	29°R13	188 3	289548	28920	10 <b>×</b> 13	29 <b>米</b> 47	M31

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S 1	23 s 6	9 s 3 0	5n11	20 s28	0n23	23 s26	0s58	20n19	2n11	22 s33	0n26	2s 5	2n25	10n10	0n47	9 s29	1n45	3n16 14s3	4 20n24	20n12	17s26	2n10	2n53
S 2	23 1			20 11	0 41	23 19	0 59	20 21		22 34	0 26	2 5		10 11	0 47	9 30	1 45	3 16 14 3				2 10	2 53
M 3			-	19 55	1 0	-	1 1	20 23		22 36	0 25	2 6	2 26		0 47	9 30	1 45	3 16 14 3					2 53
T 4 W 5	22 50 22 43			19 41 19 29	1 19 1 38	_	1 3	20 25 20 27		22 37 22 38	0 25 0 25	2 6 2 6	2 26 2 27	-		9 30 9 30	1 46 1 46	3 16 14 3 3 17 14 3				2 11 2 11	2 52 2 52
T 6	_		-	19 20	1 57	-		20 29		22 39	0 25	2 7	2 27			9 31	1 46	3 17 14 3				2 12	2 52
F 7	-			19 12		22 29		20 31		22 40	0 25	2 7	2 27			9 31	1 46	3 17 14 3				2 12	2 52
S 8	22 22	19 59 (	0s20	19 7	2 31	22 17	1 9	20 34	2 13	22 41	0 25	2 7	2 27	10 14	0 48	9 31	1 46	3 17 14 3	20 27	20 17	17 38	2 12	2 52
S 9			-	19 3	2 47	-		20 36		22 42	0 25	2 8		10 15		9 31	1 46	3 17 14 3				2 13	2 51
M10 T 11	22 5 21 56	-		19 2 19 2	3 0	21 52 21 38		20 39 20 42		22 43 22 44	0 25 0 25	2 8 2 8	2 28 2 28			9 32 9 32	1 46 1 46	3 17 14 3 3 17 14 3				2 13 2 14	2 51 2 51
W12	21 47			19 4		21 23		20 45		22 45	0 25	2 8	2 29			9 32	1 46	3 18 14 3				2 14	-
T 13	21 37		4 54		3 25			20 48		22 46	0 25	2 8	2 29		0 48	9 32	1 46	3 18 14 3				2 15	2 50
F 14 S 15	21 27 21 16		5 14	19 12 19 17		20 52 20 36		20 51 20 55		22 47 22 48	0 25 0 25	2 8 2 8	2 29	10 18 10 18		9 32 9 32	1 46 1 46	3 18 14 3 3 18 14 3				2 15 2 16	2 50 2 50
S 16 M17	21 5			19 24 19 31	3 28	20 19 20 1	1 20	20 58 21 2		22 49 22 49	0 25 0 25	2 8 2 8		10 19 10 20		9 32 9 33	1 46 1 46	3 18 14 3 3 19 14 2				2 17 2 17	2 50 2 50
T 18				19 39	3 20		1 22			22 50	0 25	2 8		10 20		9 33	1 46	3 19 14 2				2 18	2 49
W19	20 30			19 48		19 24	1 23			22 51	0 25	2 8		10 21	0 48	9 33	1 46	3 19 14 2				2 19	2 49
T 20 F 21	20 17 20 4		1 3 0n18	19 57 20 6	3 6 2 57			21 13 21 16		22 52 22 52	0 25 0 24	2 7 2 7		10 22 10 23		9 33 9 33	1 47 1 47	3 19 14 2 3 20 14 2				2 19 2 20	2 49 2 49
S 22				20 16		18 24		21 20		22 53	0 24	2 7		10 23		9 33	1 47	3 20 14 2					2 49
S 23	19 37	13 57 2	2 47	20 25	2 38	18 3	1 26	21 24	2 14	22 54	0 24	2 6	2 32	10 24	0 48	9 33	1 47	3 20 14 2	20 26	20 27	18 1	2 21	2 48
M24	19 23	9 45 3	3 46	20 34	2 28	17 42	1 27			22 55	0 24	2 6	2 32	10 25	0 48	9 33	1 47	3 20 14 2				2 22	2 48
T 25	19 9			20 43		17 20		21 33		22 55	0 24	2 6		10 26		9 33	1 47	3 21 14 2				2 23	2 48
W26 T 27	18 54 18 39			20 51 20 59	2 7 1 56			21 37 21 41		22 56 22 56	0 24 0 24	2 5 2 5		10 27 10 27	0 48 0 48	9 33 9 33	1 47 1 47		26 20 27 26 20 27				2 48 2 48
F 28	18 23		5 16		1 45			21 45		22 57	0 24	2 4		10 28		9 33	1 47	3 21 14 2					2 47
S 29	18 8	12 5 5	5 2	21 14	1 34	15 47	1 29	21 50	2 13	22 58	0 24	2 4	2 33	10 29	0 48	9 33	1 47	3 22 14 2	25 20 27	20 31	18 11	2 26	2 47
S 30				21 20		15 23		21 54		22 58		2 3		10 30		9 33	1 47	3 22 14 2					
M31	17 s35	18 s 10	3n57	$21\mathrm{s}25$	1n12	14 s 5 8	1 s30	21n58	2n12	22 s59	0n24	2 s 2	2n34	10n31	0n48	9s33	1n47	3n22 14s2	25 20n26	20n32	18s14	2n28	2n47

Julian Day Number = 2315674.5, Delta T = 59.58 sec

Ecliptic obliquity =  $23^{\circ}29'10$ , Nutation = -  $0^{\circ}00'15$ , out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 19°32'54, Lahiri = 18°39'54Greg. Calendar

### FEBRUARY 1628 GC 00:00 UT

Day	Sid.t	0	D	Ϋ́	φ	♂	4	ħ	)∤(	朴	В	ß	Ω	Ç	, k	Day
T 1	8 42 28	11≈43'09	22 <b>×</b> 27	16 <b>ට</b> 8	25≈12	28 <b>8</b> 39	24 <b>₹</b> 48	11°R 4	4°R46	29°R13	18°D 3	289549	28917	10 <b>∡</b> 19	29 <b>米</b> 50	T 1
W 2	8 46 25	12°43'58	4 <b>궁</b> 24	17° 4	26°27	29° 0	24°59	11 <b>º</b> 3	4 <b>m</b> 44	29 <b>₾</b> 13	18 <b>8</b> 3	28°50	28°14	10°26	29°53	W 2
T 3	8 50 21	13°44'45	16°29	18° 3	27°42	29°21	25°10	11° 2	4°41	29°13	18° 3	28°51	28°11	10°33	29°55	T 3
F 4	8 54 18	14°45'32	28°46	19° 5	28°57	29°43	25°21	11° 0	4°39	29°13	18° 3	28°R52	28° 7	10°40	29°58	F 4
S 5	8 58 14	15°46'17	11≈16	20°10	0 <b></b> ₩12	0 <b>Ⅱ</b> 5	25°32	10°59	4°37	29°13	18° 3	28°51	28° 4	10°46	0 <b>Υ</b> 1	S 5
S 6	9 2 11	16°47'01	24° 1	21°17	1°27	0°28	25°43	10°57	4°34	29°13	18° 4	28°50	28° 1	10°53	0° 4	S 6
M 7	9 6 8	17°47'43	7 <b>∺</b> 0	22°26	2°42	0°50	25°54	10°55	4°32	29°13	18° 4	28°48	27°58	11° 0	0° 7	M 7
T 8	9 10 4	18°48'24	20°14	23°36	3°57	1°13	26° 5	10°53	4°29	29°12	18° 4	28°45	27°55	11° 6	0°10	T 8
W 9	9 14 1	19°49'03	<b>3</b> Υ40	24°49	5°12	1°37	26°15	10°51	4°27	29°12	18° 4	28°42	27°52	11°13	0°13	W 9
T 10	9 17 57	20°49'41	17°19	26° 4	6°27	2° 0	26°26	10°49	4°24	29°12	18° 4	28°39	27°48	11°20	0°16	T 10
F 11	9 21 54	21°50'16	18 8	27°20	7°42	2°24	26°36	10°47	4°22	29°11	18° 4	28°36	27°45	11°26	0°19	F 11
S 12	9 25 50	22°50'50	15° 7	28°37	8°57	2°48	26°47	10°45	4°19	29°11	18° 5	28°35	27°42	11°33	0°22	S 12
S 13	9 29 47	23°51'23	29°14	29°56	10°12	3°13	26°57	10°42	4°17	29°10	18° 5	28°D35	27°39	11°40	0°25	S 13
M14	9 33 43	24°51'53	13Ⅱ26	1≈17	11°26	3°37	27° 7	10°40	4°14	29°10	18° 5	28°36	27°36	11°46	0°28	M14
T 15	9 37 40	25°52'21	27°43	2°38	12°41	4° 2	27°17	10°37	4°11	29° 9	18° 5	28°37	27°32	11°53	0°31	T 15
W16	9 41 37	26°52'48	1295 2	4° 1	13°56	4°28	27°27	10°35	4° 9	29° 9	18° 6	28°39	27°29	12° 0	0°34	W16
T 17	9 45 33	27°53'13	26°19	5°25	15°11	4°53	27°37	10°32	4° 6	29° 8	18° 6	28°R39	27°26	12° 6	0°37	T 17
F 18	9 49 30	28°53'36	10 <b>Ω</b> 31	6°51	16°25	5°19	27°46	10°29	4° 4	29° 8	18° 6	28°39	27°23	12°13	0°41	F 18
S 19	9 53 26	29°53'57	24°33	8°17	17°40	5°45	27°56	10°26	4° 1	29° 7	18° 7	28°37	27°20	12°20	0°44	S 19
S 20	9 57 23	0 <b>)</b> 54'16	8 <b>m</b> )21	9°45	18°55	6°11	28° 6	10°23	3°58	29° 6	18° 7	28°33	27°17	12°26	0°47	S 20
M21	10 1 19	1°54'33	21°51	11°14	20° 9	6°37	28°15	10°20	3°56	29° 6	18° 8	28°28	27°13	12°33	0°50	M21
T 22	10 5 16	2°54'49	5 <b>₾</b> 3	12°44	21°24	7° 4	28°24	10°17	3°53	29° 5	18° 8	28°22	27°10	12°40	0°54	T 22
W23	10 9 12	3°55'04	17°54	14°15	22°38	7°31	28°33	10°14	3°50	29° 4	18° 8	28°16	27° 7	12°47	0°57	W23
T 24	10 13 9	4°55'16	0 <b>M</b> 27	15°47	23°53	7°58	28°42	10°11	3°48	29° 4	18° 9	28°11	27° 4	12°53	1° 0	T 24
F 25	10 17 5	5°55'27	12°42	17°20	25° 7	8°25	28°51	10° 7	3°45	29° 3	18° 9	28° 7	27° 1	13° 0	1° 4	F 25
S 26	10 21 2	6°55'37	24°45	18°55	26°22	8°53	29° 0	10° 4	3°43	29° 2	18°10	28° 4	26°57	13° 7	1° 7	S 26
S 27	10 24 59	7°55'45	6 <b>₹</b> 39	20°30	27°36	9°20	29° 9	10° 0	3°40	29° 1	18°10	28°D 3	26°54	13°13	1°11	S 27
M28	10 28 55	8°55'52	18°29	22° 6	28°51	9°48	29°17	9°57	3°37	29° 0	18°11	28° 4	26°51	13°20	1°14	M28
T 29	10 32 52	9 <b>)</b> 55'56	0 <b>궁</b> 20	23≈44	oΥ 5	10 <b>Ⅱ</b> 16	29 <b>×</b> 126	9 <b>॒</b> 53	3 <b>m</b> 35	28 <b>Ω</b> 59	18 <b>8</b> 12	2895 5	269548	13 <b>×</b> 727	1 <b>Υ</b> 17	T 29

Day	0	D	ğ	Q	♂	4	ħ	)Å(	卉	Р	ß	ນ ţ	ķ
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T 1	17 s18	20 s 8 3n 8	8 21 s29 1n	2 14s33 1s30	22n 3 2n12	22 s59 0n24	2s 2 2n34	10n32 0n48	9s33 1n47	3n23 14s24	20n26 2	20n33 18s15	2n29 2n47
W 2	17 1	21 13 2 1	1 21 33 0 5	51 14 8 1 30	22 7 2 12	23 0 0 24	2 1 2 34	10 33 0 48	9 33 1 47	3 23 14 24	20 26 2	20 33 18 17	2 30 2 47
T 3	16 44	21 21 1 8	8 21 35 0 4	11 13 42 1 30	22 12 2 12	23 0 0 24	2 0 2 35	10 33 0 48	9 33 1 47	3 23 14 24	20 26 2	20 34 18 18	2 31 2 46
F 4	16 26	20 26 0	1 21 37 0 3	31 13 16 1 30	22 16 2 11	23 1 0 24	1 59 2 35	10 34 0 48	9 33 1 47	3 24 14 23	20 26 2	20 35 18 20	2 32 2 46
S 5	16 8	18 31 1s 8	8 21 37 0 2	21 12 49 1 30	22 21 2 11	23 1 0 24	1 58 2 35	10 35 0 48	9 32 1 48	3 24 14 23	20 26 2	20 35 18 21	2 33 2 46
S 6	15 50	15 39 2 13	5 21 37 0 1	1 12 22 1 29	22 25 2 11	23 1 0 24	1 57 2 36	10 36 0 48	9 32 1 48	3 24 14 23	20 26 2	20 36 18 23	2 34 2 46
M 7	15 32	11 59 3 1:	5 21 35 0	2 11 55 1 29	22 30 2 11	23 2 0 24	1 56 2 36	10 37 0 48	9 32 1 48	3 25 14 22	20 27 2	20 37 18 24	2 35 2 46
T 8	15 13	7 39 4	7 21 32 0s	7 11 27 1 29	22 34 2 10	23 2 0 24	1 55 2 36	10 38 0 48	9 32 1 48	3 25 14 22	20 27 2	20 37 18 26	2 36 2 45
W 9	14 54	2 54 4 45	5 21 28 0 1	6 10 59 1 28	22 39 2 10	23 2 0 24	1 54 2 36	10 39 0 48	9 32 1 48	3 25 14 22	20 28 2	20 38 18 27	2 37 2 45
T 10	14 35	2n 4 5 9	9 21 23 0 2	24 10 31 1 28	22 43 2 10	23 3 0 23	1 53 2 37	10 40 0 48	9 32 1 48	3 26 14 21	20 28 2	20 38 18 29	2 38 2 45
F 11	14 15	6 59 5 14	4 21 16 0 3	33 10 3 1 27	22 48 2 10	23 3 0 23	1 52 2 37	10 41 0 48	9 31 1 48	3 26 14 21	20 29 2	20 39 18 30	2 39 2 45
S 12	13 56	11 35 5 2	2 21 8 0 4	11 9 34 1 27	22 52 2 9	23 3 0 23	1 51 2 37	10 42 0 48	9 31 1 48	3 26 14 21	20 29 2	20 40 18 32	2 40 2 45
S 13	13 36	15 37 4 3	1 20 59 0 4	18 9 5 1 26	22 57 2 9	23 4 0 23	1 50 2 37	10 43 0 48	9 31 1 48	3 27 14 20	20 29 2	20 40 18 33	2 41 2 45
M14	13 16	18 46 3 43	3 20 49 0 5	66 8 36 1 25	23 1 2 9	23 4 0 23	1 49 2 38	10 44 0 48	9 31 1 48	3 27 14 20	20 29 2	20 41 18 35	2 42 2 45
T 15	12 55	20 46 2 42	2 20 38 1	3 8 7 1 25	23 6 2 8	23 4 0 23	1 48 2 38	10 45 0 48	9 31 1 48	3 28 14 20	20 29 2	20 42 18 36	2 43 2 44
W16	12 35	21 27 1 30	0 20 25 1 1	0 7 37 1 24	23 10 2 8	23 4 0 23	1 46 2 38	10 46 0 48	9 30 1 48	3 28 14 20	20 28 2	20 42 18 38	2 44 2 44
T 17	12 14	20 43 0 13	3 20 11 1 1	6 7 7 1 23	23 15 2 8	23 5 0 23	1 45 2 38	10 47 0 48	9 30 1 48	3 28 14 19	20 28 2	20 43 18 39	2 45 2 44
F 18	11 53	18 40 1n 3	5 19 55 1 2	22 6 37 1 22	23 19 2 7	23 5 0 23	1 44 2 38	10 47 0 48	9 30 1 48	3 29 14 19	20 28 2	20 43 18 41	2 46 2 44
S 19	11 32	15 31 2 1	7 19 39 1 2	28 6 7 1 21	23 24 2 7	23 5 0 23	1 42 2 39	10 48 0 48	9 30 1 48	3 29 14 19	20 29 2	20 44 18 42	2 48 2 44
S 20	11 10	11 33 3 20	0 19 20 1 3	33 5 37 1 19	23 28 2 7	23 5 0 23	1 41 2 39	10 49 0 48	9 29 1 48	3 30 14 18	20 29 2	20 45 18 44	2 49 2 44
M21	10 49	7 4 4 10	0 19 1 1 3	88 5 6 1 18	23 32 2 6	23 5 0 23	1 40 2 39	10 50 0 48	9 29 1 48	3 30 14 18	20 30 2	20 45 18 45	2 50 2 44
T 22	10 27	2 22 4 46	5 18 40 1 4	4 36 1 17		23 6 0 23	1 38 2 39	10 51 0 48	9 29 1 49	3 30 14 18	20 32 2	20 46 18 47	2 51 2 43
W23	10 5		5 18 18 1 4	18 4 5 1 16	23 40 2 6	23 6 0 23	1 37 2 40	10 52 0 48	9 28 1 49	3 31 14 17	20 33 2	20 47 18 48	2 52 2 43
T 24	9 44	6 48 5 1	1 17 55 1 5	3 34 1 14	23 45 2 5	23 6 0 23	1 35 2 40	10 53 0 48	9 28 1 49	3 31 14 17	20 34 2	20 47 18 50	2 54 2 43
F 25	9 21	10 54 5	1 17 30 1 5	55 3 3 1 13	23 49 2 5	23 6 0 23	1 34 2 40	10 54 0 48	9 28 1 49	3 32 14 17	20 35 2	20 48 18 51	2 55 2 43
S 26	8 59	14 29 4 38	8 17 4 1 5	59 2 32 1 11	23 53 2 5	23 6 0 23	1 32 2 40	10 55 0 48	9 27 1 49	3 32 14 16	20 35 2	20 48 18 52	2 56 2 43
S 27	8 37	17 28 4	4 16 36 2	2 2 1 1 10	23 57 2 4	23 6 0 23	1 31 2 40	10 56 0 48	9 27 1 49	3 33 14 16	20 36 2	20 49 18 54	2 57 2 43
M28	8 14	19 41 3 19	9 16 8 2	4 1 30 1 8	24 0 2 4	23 6 0 23	1 29 2 41	10 57 0 48	9 27 1 49	3 33 14 16	20 35 2	20 50 18 55	2 59 2 43
T 29	7 s52	21 s 4 2n2:	5 15 s 37 2 s	6 0s59 1s 6	24n 4 2n 4	23 s 6 0n23	1 s28 2n41	10n58 0n48	9 s 26 1 n 4 9	3n33 14s15	20n35 2	20n50 18s57	3n 0 2n42

Julian Day Number = 2315705.5, Delta T = 59.51 sec Ecliptic obliquity = 23°29'11, Nutation = -0°00'14, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 19°32'58, Lahiri = 18°39'58Greg. Calendar

MARCH 1628 GC 00:00 UT

FIMIL	JII TOE	, uc													00.0	0 0.
Day	Sid.t	0	D	ğ	φ	♂	24	ħ	)ţ(	卉	В	n	Ω	Ç	ķ	Day
W 1	10 36 48	10 <b>)</b> 56'00	12 <b>ට</b> 18	25≈22	1 <b>Υ</b> 19	10 <b>Ⅱ</b> 44	29 <b>х</b> 34	9°R49	3°R32	28°R58	18812	289 6	269645	13 <b>×</b> 33	1 <b>Y</b> 21	W 1
T 2	10 40 45	11°56'01	24°27	27° 2	2°34	11°13	29°42	9 <b>≙</b> 45	3 <b>m</b> 30	28 <b>♀</b> 57	18°13	28°R 8	26°42	13°40	1°24	T 2
F 3	10 44 41	12°56'01	6≈51	28°43	3°48	11°41	29°50	9°42	3°27	28°56	18°13	28° 7	26°38	13°47	1°28	F 3
S 4	10 48 38	13°55'59	19°34	0 <b>∺</b> 25	5° 2	12°10	29°58	9°38	3°24	28°55	18°14	28° 5	26°35	13°53	1°31	S 4
S 5	10 52 34	14°55'56	2 <b>)</b> (36	2° 8	6°16	12°39	0 රු 6	9°34	3°22	28°54	18°15	28° 0	26°32	14° 0	1°35	S 5
M 6	10 56 31	15°55'50	15°57	3°52	7°30	13° 8	0°13	9°30	3°19	28°53	18°16	27°54	26°29	14° 7	1°39	M 6
T 7	11 0 28	16°55'42	29°37	5°38	8°45	13°37	0°21	9°26	3°17	28°52	18°16	27°46	26°26	14°13	1°42	T 7
W 8	11 4 24	17°55'32	13 <b>Y</b> 32	7°24	9°59	14° 6	0°28	9°21	3°14	28°51	18°17	27°37	26°23	14°20	1°46	W 8
T 9	11 8 21	18°55'21	27°37	9°12	11°13	14°36	0°35	9°17	3°12	28°50	18°18	27°29	26°19	14°27	1°49	T 9
F 10	11 12 17	19°55'07	11849	11° 1	12°27	15° 6	0°43	9°13	3° 9	28°49	18°18	27°22	26°16	14°33	1°53	F 10
S 11	11 16 14	20°54'50	26° 3	12°51	13°41	15°35	0°49	9° 9	3° 7	28°48	18°19	27°18	26°13	14°40	1°57	S 11
S 12	11 20 10	21°54'32	10 <b>II</b> 15	14°43	14°55	16° 5	0°56	9° 4	3° 4	28°46	18°20	27°15	26°10	14°47	2° 0	S 12
M13	11 24 7	22°54'11	24°24	16°35	16° 8	16°36	1° 3	9° 0	3° 2	28°45	18°21	27°D14	26° 7	14°53	2° 4	M13
T 14	11 28 3	23°53'48	89528	18°29	17°22	17° 6	1° 9	8°56	2°59	28°44	18°22	27°15	26° 3	15° 0	2° 7	T 14
W15	11 32 0	24°53'23	22°26	20°24	18°36	17°36	1°16	8°51	2°57	28°43	18°23	27°R16	26° 0	15° 7	2°11	W15
T 16	11 35 57	25°52'55	6 <b>Ω</b> 18	22°20	19°50	18° 7	1°22	8°47	2°55	28°41	18°23	27°15	25°57	15°13	2°15	T 16
F 17	11 39 53	26°52'25	20° 2	24°17	21° 4	18°37	1°28	8°42	2°52	28°40	18°24	27°13	25°54	15°20	2°18	F 17
S 18	11 43 50	27°51'53	3 <b>m</b> 37	26°16	22°17	19° 8	1°34	8°38	2°50	28°39	18°25	27° 8	25°51	15°27	2°22	S 18
S 19	11 47 46	28°51'18	17° 2	28°15	23°31	19°39	1°39	8°33	2°48	28°37	18°26	27° 1	25°48	15°34	2°26	S 19
M20	11 51 43	29°50'41	0 <b>ჲ</b> 14	0 <b>Υ</b> 15	24°44	20°10	1°45	8°29	2°46	28°36	18°27	26°51	25°44	15°40	2°29	M20
T 21	11 55 39	0 <b>Υ</b> 50'03	13°12	2°16	25°58	20°41	1°50	8°24	2°43	28°35	18°28	26°40	25°41	15°47	2°33	T 21
W22	11 59 36	1°49'22	25°54	4°18	27°11	21°12	1°55	8°20	2°41	28°33	18°29	26°28	25°38	15°54	2°37	W22
T 23	12 3 32	2°48'39	8 <b>M</b> 21	6°21	28°25	21°43	2° 0	8°15	2°39	28°32	18°30	26°17	25°35	16° 0	2°40	T 23
F 24	12 7 29	3°47'55	20°35	8°24	29°38	22°15	2° 5	8°10	2°37	28°30	18°31	26° 8	25°32	16° 7	2°44	F 24
S 25	12 11 25	4°47'08	2 <b>,</b> 736	10°27	0 <b>8</b> 52	22°46	2°10	8° 6	2°35	28°29	18°32	26° 1	25°29	16°14	2°48	S 25
S 26	12 15 22	5°46'20	14°29	12°30	2° 5	23°18	2°14	8° 1	2°33	28°27	18°33	25°56	25°25	16°20	2°51	S 26
M27	12 19 19	6°45'30	26°19	14°33	3°18	23°50	2°19	7°56	2°31	28°26	18°34	25°54	25°22	16°27	2°55	M27
T 28	12 23 15	7°44'39	8 <b>궁</b> 9	16°35	4°31	24°21	2°23	7°52	2°29	28°24	18°35	25°D53	25°19	16°34	2°59	T 28
W29	12 27 12	8°43'45	20° 7	18°36	5°45	24°53	2°27	7°47	2°27	28°23	18°36	25°R54	25°16	16°40	3° 2	W29
T 30	12 31 8	9°42'50	2≈16	20°36	6°58	25°25	2°31	7°42	2°25	28°21	18°37	25°54	25°13	16°47	3° 6	T 30
F 31	12 35 5	10 <b>Y</b> 41'53	14≈42	22 <b>Y</b> 35	8811	25 <b>Ⅱ</b> 57	2 <b>ප</b> 35	7 <b>≏</b> 38	2 <b>m</b> 23	28 <b>ჲ</b> 20	18 <b>8</b> 38	25952	2595 9	16 <b>₹</b> 54	<b>3Υ</b> 10	F 31

Day	0	D	ğ	φ (	3'	4	ħ	)∤(	并	Р	y i	S ¢	ķ
	decl	decl lat	decl lat	decl lat decl	lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl d	ecl decl	decl lat
W 1 T 2 F 3	7 s29 7 6 6 43	20 57 0 20 19 21 0s47	14 33 2 10 13 59 2 11	0n 3 1 3 24 12 0 35 1 1 24 15	2 3 2 3		1 s26 2n41 1 24 2 41 1 23 2 41	11 0 0 48 11 1 0 48	9 s 26 1 n 4 9 9 26 1 4 9 9 25 1 4 9	3n34 14s15 3 34 14 15 3 35 14 15	20 35 20 20 35 20	52 19 0 52 19 1	3 2 2 42 3 4 2 42
S 4 S 5 M 6	6 20 5 57 5 34		13 23 2 11 12 46 2 11 12 8 2 11	1 6 0 59 24 19 1 37 0 57 24 22 2 8 0 55 24 26	2 2	23 7 0 23 23 7 0 23 23 7 0 22	1 21 2 41 1 19 2 42 1 18 2 42	11 3 0 48	9 25 1 49 9 24 1 49 9 24 1 49	3 35 14 14 3 36 14 14 3 36 14 14	20 36 20	53 19 4	3 5 2 42 3 6 2 42 3 8 2 42
T 7 W 8 T 9 F 10	5 10 4 47 4 24 4 0	0n47 4 57 5 53 5 7	10 6 2 7	3 11 0 51 24 32 3 42 0 49 24 35	2 1 2 0	23 7 0 22 23 7 0 22 23 7 0 22 23 7 0 22	1 16 2 42 1 14 2 42 1 12 2 42 1 10 2 42	11 5 0 48 11 6 0 48	9 23 1 49 9 23 1 49 9 23 1 49 9 22 1 49	3 37 14 13	20 39 20 20 41 20 20 42 20 20 44 20	55 19 8 56 19 10	3 9 2 42 3 10 2 42 3 12 2 41 3 13 2 41
S 11 S 12 M13		14 57 4 29 18 19 3 45	8 37 2 2 7 51 1 58	4     44     0     44     24     41       5     14     0     42     24     44	2 0 1 59	23 7 0 22 23 7 0 22	1 10 2 42 1 9 2 42 1 7 2 42 1 5 2 43	11 8 0 48 11 9 0 48	9 22 1 49 9 21 1 49 9 21 1 50	3 38 14 12 3 39 14 12		57 19 12 58 19 14	3 14 2 41 3 16 2 41 3 17 2 41
T 14 W15 T 16	2 26	21 34 1 39 21 11 0 26	6 15 1 50	6 16 0 37 24 49	1 58 1 58	- '	1 3 2 43 1 1 2 43 1 0 2 43	11 11 0 48 11 12 0 48	9 20 1 50 9 20 1 50 9 20 1 50 9 19 1 50	3 40 14 11 3 40 14 11	20 45 20 20 45 20 20 45 20 20 45 21	59 19 17	3 18 2 41 3 20 2 41 3 21 2 41
F 17 S 18 S 19	1 15 0 51 0 27		3 43 1 34 2 50 1 28 1 56 1 21		1 57			11 13 0 48 11 14 0 48 11 15 0 48	9 19 1 50 9 18 1 50 9 18 1 50	3 41 14 11 3 42 14 10 3 42 14 10		1 19 21 1 19 22 2 19 24	3 23 2 41 3 24 2 41 3 25 2 41
M20 T 21 W22	0 4 0n20 0 44	4 3 4 31 0s42 4 55 5 19 5 3	1 1 1 13 0 6 1 5 0n51 0 57	9 45 0 19 25 5 10 14 0 17 25 7	1 56 1 55	23 7 0 22 23 7 0 22	0 52 2 43 0 50 2 43 0 48 2 43	11 16 0 48 11 17 0 48	9 17 1 50 9 17 1 50 9 16 1 50	3 43 14 10 3 44 14 9	20 50 21 20 52 21 20 54 21	2 19 25 3 19 26 3 19 28	3 30 2 40
T 23 F 24 S 25	1 7 1 31 1 54		2 45 0 38 3 43 0 28	11 11 0 11 25 10 11 40 0 9 25 11	1 54 1 54		0 45 2 44 0 43 2 44	11 19 0 48	9 16 1 50 9 15 1 50 9 15 1 50	3 45 14 9 3 45 14 9	20 56 21 20 58 21 20 59 21	4 19 29 5 19 30 5 19 32	3 34 2 40
S 26 M27 T 28 W29	3 5 3 28	20 56 2 30 21 41 1 33 21 28 0 31	6 35 On 4 7 32 O 15	12 36 0 3 25 14 13 3 0 0 25 15 13 30 0n 3 25 16	1 53 1 53 1 52	23 6 0 22 23 6 0 22 23 6 0 21	0 39 2 44 0 37 2 44 0 35 2 44		9 13 1 50 9 13 1 50 9 12 1 50	3 46 14 8 3 47 14 8 3 47 14 8	21 1 21 21 1 21	6 19 33 6 19 34 7 19 36 8 19 37	3 37 2 40 3 38 2 40 3 39 2 40
T 30 F 31	3 51 4n15	20 15 0s34 18s 1 1s38			1 52 1n52	23 6 0 21 23 s 6 0 n21		11 23 0 48 11n24 0n48	9 12 1 50 9s11 1n50	3 48 14 8 3n48 14s 7	21 1 21 21n 1 21	8 19 38 1 9 19s40	3 41 2 40 3n42 2n40

Julian Day Number = 2315734.5, Delta T = 59.45 sec Ecliptic obliquity =  $23^{\circ}29'12$ , Nutation = -  $0^{\circ}00'14$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $19^{\circ}33'02$ , Lahiri =  $18^{\circ}40'02$ Greg. Calendar

APRIL 1628 GC 00:00 UT

Day	Sid.t	0	D	ğ	·	ď	4	ħ	)ţ(	卉	Р	n	v	Ç	ę,	Day
S 1	12 39 1	11 <b>Y</b> 40'54	27≈30	24 <b>Y</b> 31	9 <b>8</b> 24	26 <b>II</b> 30	2 <b>ප</b> 38	7°R33	2°R21	28°R18	18 <b>8</b> 39	25°R49	259 6	17 <b>₹</b> 0	<b>3</b> Υ13	S 1
S 2	12 42 58	12°39'53	10 <b>) (</b> 42	26°25	10°37	27° 2	2°41	7 <b>≙</b> 28	2 <b>m</b> ) 19	28 <b>≙</b> 17	18°41	259542	25° 3	17° 7	3°17	S 2
M 3	12 46 54	13°38'50	24°18	28°16	11°50	27°34	2°45	7°24	2°17	28°15	18°42	25°33	25° 0	17°14	3°21	M 3
T 4	12 50 51	14°37'45	8 <b>Υ</b> 19	0 <b>ප</b> 5	13° 3	28° 7	2°47	7°19	2°16	28°14	18°43	25°23	24°57	17°20	3°24	T 4
W 5	12 54 48	15°36'38	22°38	1°50	14°15	28°39	2°50	7°15	2°14	28°12	18°44	25°11	24°54	17°27	3°28	W 5
T 6	12 58 44	16°35'30	7 <b>8</b> 11	3°31	15°28	29°12	2°53	7°10	2°12	28°10	18°45	24°59	24°50	17°34	3°31	T 6
F 7	13 241	17°34'19	21°50	5° 8	16°41	29°44	2°55	7° 5	2°11	28° 9	18°46	24°50	24°47	17°40	3°35	F 7
S 8	13 6 37	18°33'06	6 <b>Ⅱ</b> 27	6°41	17°54	0917	2°57	7° 1	2° 9	28° 7	18°48	24°42	24°44	17°47	3°39	S 8
S 9	13 10 34	19°31'51	20°57	8° 9	19° 6	0°50	3° 0	6°56	2° 8	28° 6	18°49	24°38	24°41	17°54	3°42	S 9
M10	13 14 30	20°30'34	59915	9°33	20°19	1°23	3° 1	6°52	2° 6	28° 4	18°50	24°36	24°38	18° 0	3°46	M10
T 11	13 18 27	21°29'14	19°20	10°51	21°31	1°56	3° 3	6°48	2° 5	28° 2	18°51	24°35	24°34	18° 7	3°49	T 11
W12	13 22 23	22°27'52	3 <b>Ω</b> 11	12° 5	22°44	2°29	3° 5	6°43	2° 3	28° 1	18°52	24°35	24°31	18°14	3°53	W12
T 13	13 26 20	23°26'28	16°48	13°13	23°56	3° 2	3° 6	6°39	2° 2	27°59	18°54	24°34	24°28	18°20	3°56	T 13
F 14	13 30 17	24°25'01	0 mp 13	14°16	25° 8	3°35	3° 7	6°34	2° 1	27°57	18°55	24°31	24°25	18°27	4° 0	F 14
S 15	13 34 13	25°23'33	13°26	15°14	26°21	4° 9	3° 8	6°30	1°59	27°56	18°56	24°25	24°22	18°34	4° 3	S 15
S 16	13 38 10	26°22'02	26°28	16° 6	27°33	4°42	3° 9	6°26	1°58	27°54	18°57	24°16	24°19	18°40	4° 7	S 16
M17	13 42 6	27°20'29	9 <b>≏</b> 18	16°53	28°45	5°15	3° 9	6°22	1°57	27°52	18°59	24° 5	24°15	18°47	4°10	M17
T 18	13 46 3	28°18'54	21°58	17°34	29°57	5°49	3°10	6°18	1°56	27°51	19° 0	23°52	24°12	18°54	4°14	T 18
W19	13 49 59	29°17'17	4M26	18° 9	1 <b>II</b> 9	6°22	3°R10	6°13	1°55	27°49	19° 1	23°39	24° 9	19° 0	4°17	W19
T 20	13 53 56	0815'39	16°42	18°39	2°21	6°56	3°10	6° 9	1°54	27°48	19° 2	23°26	24° 6	19° 7	4°20	T 20
F 21	13 57 52	1°13'58	28°48	19° 2	3°33	7°30	3°10	6° 5	1°53	27°46	19° 4	23°14	24° 3	19°14	4°24	F 21
S 22	14 1 49	2°12'16	10 <b>∡</b> 746	19°21	4°44	8° 3	3° 9	6° 1	1°52	27°44	19° 5	23° 6	24° 0	19°20	4°27	S 22
S 23	14 5 46	3°10'33	22°36	19°33	5°56	8°37	3° 9	5°58	1°51	27°43	19° 6	23° 0	23°56	19°27	4°30	S 23
M24	14 9 42	4° 8'48	4 <b>궁</b> 25	19°40	7° 8	9°11	3° 8	5°54	1°50	27°41	19° 8	22°56	23°53	19°34	4°34	M24
T 25	14 13 39	5° 7'01	16°14	19°R41	8°19	9°45	3° 7	5°50	1°49	27°39	19° 9	22°55	23°50	19°40	4°37	T 25
W26	14 17 35	6° 5'13	28°10	19°37	9°31	10°19	3° 6	5°46	1°49	27°38	19°10	22°D55	23°47	19°47	4°40	W26
T 27	14 21 32	7° 3'23	10≈18	19°28	10°42	10°53	3° 5	5°43	1°48	27°36	19°12	22°R55	23°44	19°54	4°44	T 27
F 28	14 25 28	8° 1'32	22°43	19°15	11°54	11°27	3° 3	5°39	1°48	27°35	19°13	22°54	23°40	20° 0	4°47	F 28
S 29	14 29 25	8°59'39	5 <b>)</b> €30	18°56	13° 5	12° 1	3° 1	5°36	1°47	27°33	19°14	22°51	23°37	20° 7	4°50	S 29
S 30	14 33 21	9 <b>8</b> 57'45	18 <b>)</b> €43	18 <b>8</b> 34	14 <b>II</b> 16	12935	3ට 0	5 <b>₽</b> 32	1 <b>M</b> 46	27 <b>₽</b> 31	19 <b>8</b> 16	229546	23934	20 <b>×</b> 14	<b>4Υ</b> 53	S 30

Day	/ O	D		ğ	9	2	♂		2	ŀ	ħ	ļ	)į	γ(	Ą	7	E	<u> </u>	ß	ß	Ç	ę,	
	decl	decl la	t c	decl lat	t decl	lat	decl l	at	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl l	at
S 1	4n38	14s51 2	2 s 3 9 1 0	0n17 0	0n50 14n50	0n11	25n18	1n51	23 s 6	0n21	0s30	2n44	11n24	0n48	9s11	1n50	3n49	14s 7	21n 2	21n 9	19s41	3n44	2n40
S 2	5 1	10 52 3	3 34 11	1 10 1	1 1 15 16	0 14	25 18	1 51	23 6	0 21	0 28	2 44	11 25	0 48	9 10	1 50	3 49	14 7	21 3	21 10	19 42	3 45	2 40
M 3		-	4 18 12		1 12 15 41	0 17		1 50		0 21	0 26		11 25	0 48		1 50	3 49			21 10		3 46	2 40
T 4	-		4 48 12		1 23 16 6			1 50		0 21	0 24		11 26			1 50	3 50			21 11		3 48	2 40
W 5			5 0 13		1 34 16 31	0 23		1 50		0 21	0 22			0 48		1 50	3 50		-	21 12		3 49	2 40
T 6			4 54 14		1 45 16 55			1 49		0 21	0 21		11 27	0 48		1 50	3 51					3 51	2 40
F 7			4 28 15	-	1 55 17 19			1 49		0 21	0 19		11 28	0 48			3 51		21 12			3 52	2 40
S 8	7 17	17 44 3	3 45 15	5 43 2	2 4 17 42	0 32	25 17	1 48	23 6	0 21	0 17	2 44	11 28	0 48	9 7	1 50	3 52	14 6	21 14	21 13	19 50	3 53	2 40
S 9	7 39	20 23 2	2 48 16	5 21 2	2 13 18 5	0 35	25 17	1 48	23 6	0 21	0 15	2 44	11 29	0 48	9 6	1 50	3 52	14 6	21 14	21 14	19 52	3 55	2 40
M10	8 2	21 43	1 40 16	5 55 2	2 21 18 28	0 38	25 16	1 47	23 6	0 21	0 14	2 44	11 29	0 48	9 5	1 50	3 53	14 6	21 15	21 14	19 53	3 56	2 40
T 11	8 24	21 38 (	0 28 17	7 27 2	2 28 18 50	0 41	25 15	1 47	23 6	0 21	0 12	2 43	11 30	0 48	9 5	1 50	3 53	14 5	21 15	21 15	19 54	3 58	2 39
W12	8 46	20 13 (	0n45 17	7 56 2	2 34 19 11	0 44	25 14	1 47	23 6	0 21	0 10	2 43	11 30	0 48	9 4	1 50	3 54	14 5	-			3 59	2 39
T 13		17 39	1 55 18	3 23 2	2 40 19 33	0 46	25 13	1 46	23 6	0 21	0 9	2 43	11 31	0 48	9 4	1 50	3 54	14 5	21 15	21 16	19 57	4 0	2 39
F 14		- 1	2 56 18		2 45 19 53			1 46		0 21	0 7		11 31	0 48	9 3	1 50	3 55		21 16			4 2	2 39
S 15	9 50	10 1 3	3 47 19	7 2	2 48 20 13	0 52	25 11	1 45	23 6	0 21	0 5	2 43	11 32	0 48	9 2	1 50	3 55	14 5	21 17	21 17	19 59	4 3	2 39
S 16	10 12	5 28 4	4 26 19	25 2	2 51 20 33	0 55	25 9	1 45	23 6	0 21	0 4	2 43	11 32	0 47	9 2	1 50	3 56	14 5	21 18	21 18	20 1	4 4	2 39
M17	10 33	0 45	4 50 19	9 40 2	2 53 20 52	0 58	25 7	1 45	23 6	0 21	0 2	2 43	11 32	0 47	9 1	1 50	3 56	14 5	21 20	21 18	20 2	4 6	2 39
T 18	10 54	3 s 5 6	5 0 19	52 2	2 53 21 10	1 1 2	25 6	1 44	23 6	0 20	0 1	2 43	11 33	0 47	9 1	1 50	3 56	14 4	21 22	21 19	20 3	4 7	2 39
W19	11 15	8 24 4	4 55 20	) 2 2	2 52 21 28	1 4	25 4	1 44	23 7	0 20	0n 1	2 43	11 33	0 47	9 0	1 50	3 57	14 4	21 25	21 19	20 4	4 9	2 39
T 20	11 35	12 27 4	4 36 20	8 2	2 50 21 45	1 6	25 1	1 43	23 7	0 20	0 2	2 43	11 33	0 47	9 0	1 50	3 57	14 4	21 27	21 20	20 6	4 10	2 39
F 21	11 56	15 57 4	4 5 20	) 12 2	2 47 22 2	1 9 2	24 59	1 43	23 7	0 20	0 4	2 43	11 34	0 47	8 59	1 50	3 58	14 4	21 29	21 21	20 7	4 11	2 39
S 22	12 16	18 45	3 23 20	) 13 2	2 43 22 18	1 12	24 57	1 42	23 7	0 20	0 5	2 43	11 34	0 47	8 58	1 50	3 58	14 4	21 30	21 21	20 8	4 13	2 39
S 23	12 36	20 44 2	2 33 20	) 11 2	2 37 22 34	1 14	24 54	1 42	23 7	0 20	0 7	2 42	11 34	0 47	8 58	1 50	3 59	14 4	21 31	21 22	20 9	4 14	2 39
M24	12 56	21 48	1 37 20	) 6 2	2 30 22 49	1 17	24 51	1 42	23 7	0 20	0 8	2 42	11 35	0 47	8 57	1 50	3 59	14 4	21 32	21 22	20 11	4 15	2 39
T 25	13 15	21 55 (	0 35 19	58 2	2 22 23 3	1 20 2	24 49	1 41	23 7	0 20	0 10	2 42	11 35	0 47	8 57	1 50	4 0	14 4	21 32	21 23	20 12	4 17	2 39
W26	13 35	21 1 (	0s28 19	9 48 2	2 13 23 17	1 22 2	24 46	1 41	23 7	0 20	0 11	2 42	11 35	0 47	8 56	1 50	4 0	14 3	21 32	21 23	20 13	4 18	2 39
T 27	13 54	19 9	1 31 19	36 2	2 2 23 30	1 25	24 42	1 40	23 7	0 20	0 12	2 42	11 35	0 47	8 56	1 50	4 0	14 3	21 32	21 24	20 14	4 19	2 39
F 28	_	16 21 2	2 31 19	21 1	1 51 23 42	1 27		1 40	23 7	0 20	0 14	2 42	11 35	0 47	8 55	1 50	4 1	14 3	_			4 20	2 39
S 29	14 31	12 42 3	3 26 19	3 1	1 38 23 54	1 30 2	24 36	1 40	23 7	0 20	0 15	2 42	11 36	0 47	8 54	1 50	4 1	14 3	21 33	21 25	20 17	4 22	2 39
S 30	14n50	8s19 4	4s11 18	3n44 1	1n24 24n 5	1n32	24n32	1n39	23 s 8	0n20	0n16	2n42	11n36	0n47	8 s 5 4	1n50	4n 2	14s 3	21n34	21n26	20s18	4n23	2n39

Julian Day Number = 2315765.5, Delta T = 59.38 sec Ecliptic obliquity =  $23^{\circ}29'12$ , Nutation =  $-0^{\circ}00'16$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $19^{\circ}33'06$ , Lahiri =  $18^{\circ}40'07$ Greg. Calendar

MAY 1628 GC 00:00 UT

Day	Sid.t	0	D	ğ	Q	ď	4	ħ	)∤(	¥	Р	ß	Ω	Ç	ę,	Day
M 1	14 37 18	10855'49	2 <b>Υ</b> 25	18°R 8	15 <b>Ⅲ</b> 28	1399 9	2°R57	5°R29	1°R46	27°R30	19817	22°R39	23931	20 <b>×</b> 20	<b>4</b> Υ 56	M 1
T 2	14 41 15	11°53'52	16°34	17 <b>8</b> 39	16°39	13°44	2 <b>ප</b> 55	5 <b>≏</b> 25	1 <b>M</b> 46	27 <b>≏</b> 28	19°18	22929	23°28	20°27	4°59	T 2
W 3	14 45 11	12°51'54	18 7	17° 7	17°50	14°18	2°53	5°22	1°45	27°27	19°20	22°19	23°25	20°34	5° 2	W 3
T 4	14 49 8	13°49'54	15°58	16°33	19° 1	14°52	2°50	5°19	1°45	27°25	19°21	22° 9	23°21	20°40	5° 5	T 4
F 5	14 53 4	14°47'52	0耳58	15°58	20°12	15°27	2°47	5°16	1°45	27°24	19°22	22° 0	23°18	20°47	5° 8	F 5
S 6	14 57 1	15°45'49	15°58	15°22	21°22	16° 1	2°44	5°13	1°45	27°22	19°24	21°53	23°15	20°54	5°11	S 6
S 7	15 0 57	16°43'44	09349	14°46	22°33	16°36	2°41	5°10	1°44	27°20	19°25	21°49	23°12	21° 0	5°14	S 7
M 8	15 4 54	17°41'38	15°24	14°10	23°44	17°10	2°38	5° 7	1°44	27°19	19°26	21°D48	23° 9	21° 7	5°17	M 8
T 9	15 8 50	18°39'29	29°40	13°36	24°54	17°45	2°34	5° 5	1°D44	27°17	19°28	21°48	23° 6	21°14	5°20	T 9
W10	15 12 47	19°37'19	13 <b>N</b> 36	13° 3	26° 5	18°20	2°31	5° 2	1°44	27°16	19°29	21°R48	23° 2	21°20	5°23	W10
T 11	15 16 44	20°35'07	27°11	12°32	27°15	18°54	2°27	4°59	1°44	27°14	19°30	21°48	22°59	21°27	5°26	T 11
F 12	15 20 40	21°32'53	10 <b>m</b> 28	12° 4	28°25	19°29	2°23	4°57	1°45	27°13	19°32	21°47	22°56	21°34	5°29	F 12
S 13	15 24 37	22°30'38	23°28	11°40	29°36	20° 4	2°19	4°54	1°45	27°12	19°33	21°43	22°53	21°40	5°31	S 13
S 14	15 28 33	23°28'21	6 <b>₽</b> 14	11°18	09୍ଦ46	20°39	2°14	4°52	1°45	27°10	19°35	21°37	22°50	21°47	5°34	S 14
M15	15 32 30	24°26'02	18°48	11° 1	1°56	21°14	2°10	4°50	1°45	27° 9	19°36	21°28	22°46	21°54	5°37	M15
T 16	15 36 26	25°23'42	1 <b>m</b> 11	10°47	3° 6	21°49	2° 5	4°48	1°46	27° 7	19°37	21°18	22°43	22° 0	5°39	T 16
W17	15 40 23	26°21'20	13°24	10°38	4°16	22°24	2° 1	4°46	1°46	27° 6	19°39	21° 8	22°40	22° 7	5°42	W17
T 18	15 44 19	27°18'57	25°29	10°33	5°25	22°59	1°56	4°44	1°47	27° 5	19°40	20°58	22°37	22°14	5°45	T 18
F 19	15 48 16	28°16'33	7 <b>.</b> ₹27	10°D32	6°35	23°34	1°51	4°42	1°47	27° 3	19°41	20°50	22°34	22°20	5°47	F 19
S 20	15 52 13	29°14'08	19°19	10°36	7°44	24° 9	1°45	4°40	1°48	27° 2	19°43	20°44	22°31	22°27	5°50	S 20
S 21	15 56 9	0∏11'42	1ਰ 7	10°45	8°54	24°44	1°40	4°39	1°48	27° 1	19°44	20°39	22°27	22°34	5°52	S 21
M22	16 0 6	1° 9'14	12°55	10°58	10° 3	25°19	1°34	4°37	1°49	26°59	19°45	20°37	22°24	22°40	5°55	M22
T 23	16 4 2	2° 6'46	24°45	11°16	11°12	25°54	1°29	4°36	1°50	26°58	19°47	20°D37	22°21	22°47	5°57	T 23
W24	16 7 59	3° 4'17	6≈42	11°37	12°21	26°30	1°23	4°34	1°50	26°57	19°48	20°38	22°18	22°54	5°59	W24
T 25	16 11 55	4° 1'47	18°50	12° 4	13°30	27° 5	1°17	4°33	1°51	26°55	19°49	20°39	22°15	23° 0	6° 2	T 25
F 26	16 15 52	4°59'16	1 <b>)</b> 14	12°34	14°39	27°40	1°11	4°32	1°52	26°54	19°51	20°R40	22°12	23° 7	6° 4	F 26
S 27	16 19 48	5°56'44	13°59	13° 9	15°48	28°15	1° 5	4°31	1°53	26°53	19°52	20°40	22° 8	23°14	6° 6	S 27
S 28	16 23 45	6°54'12	27° 9	13°47	16°57	28°51	0°59	4°30	1°54	26°52	19°53	20°38	22° 5	23°20	6° 8	S 28
M29	16 27 42	7°51'39	10 <b>Υ</b> 46	14°30	18° 5	29°26	0°52	4°29	1°55	26°51	19°55	20°34	22° 2	23°27	6°10	M29
T 30	16 31 38	8°49'05	24°52	15°16	19°13	$0\Omega$ 2	0°46	4°28	1°56	26°50	19°56	20°29	21°59	23°34	6°12	T 30
W31	16 35 35	9 <b>Ⅱ</b> 46'30	9 <b>8</b> 25	16 <b>8</b> 6	209522	0 <b>Ω</b> 37	0 <b>궁</b> 39	4 <b>≗</b> 27	1 <b>m</b> 57	26 <b>≏</b> 49	19 <b>8</b> 57	20923	21956	23 <b>×</b> 740	6 <b>Υ</b> 14	W31

Day	0	J		ğ	i	·	1	d	7	2	+	ħ	<u> </u>	)į	β(	<del>,</del>	(	Р	n	U	Ç	ď	
	decl	decl l	at	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl lat	decl	decl	decl	decl	lat
M 1	15n 8	3 s23		18n22	-	24n16		24n28		23 s 8	0n20	0n17		11n36		8 s 5 3	1n50	4n 2 14s		-		4n24	2n39
T 2	15 26	1n53	-	17 59		24 25		24 24	1 38		0 20	0 18		11 36		8 53	1 50		3 21 36			4 25	2 39
W 3 T 4	15 44 16 1			17 35 17 9	0 37	24 35 24 43		<ul><li>24 20</li><li>24 16</li></ul>	1 38 1 37		0 19 0 19	0 20 0 21		11 36 11 36		8 52 8 52	1 50 1 50		3 21 38 3 21 40		20 22 20 23	4 27 4 28	2 39 2 39
F 5	-			16 42		24 51		24 10			0 19	0 21	2 41			8 51	1 50		3 21 40		20 23	4 29	2 39
S 6				16 15		24 58	1 46			23 8	0 19	0 23		11 36		8 51	1 50		3 21 42			4 30	2 40
S 7	16 52	21 40	1 49	15 48	0 32	25 4	1 48	24 3	1 36	23 8	0 19	0 24	2 40	11 36	0 47	8 50	1 50	4 4 14	3 21 43	21 29	20 26	4 32	2 40
M 8	17 9	22 2	0 34	15 21	0 49	25 10	1 50	23 58	1 36	23 9	0 19	0 25	2 40	11 36	0 47	8 49	1 50	4 5 14	3 21 43	21 30	20 28	4 33	2 40
T 9	17 25	20 57	0n42	14 54	1 6	25 15		23 53	1 35	23 9	0 19	0 26	2 40	11 36	0 47	8 49	1 50	4 5 14	3 21 43	21 30	20 29	4 34	2 40
W10	17 40			14 28	1 23			23 48	1 35		0 19	0 26		11 36		8 48	1 50		3 21 43			4 35	2 40
T 11		-		14 4	1 39			23 42			0 19	0 27		11 36		8 48	1 50		3 21 43	_		4 36	2 40
F 12	-			13 41		25 26		23 37	1 34		0 19	0 28		11 36	-	8 47	1 50		3 21 43			4 37	2 40
S 13	18 26	6 43	4 29	13 19	2 9	25 28	1 59	23 32	1 34	23 9	0 19	0 29	2 39	11 36	0 46	8 47	1 50	4 7 14	3 21 44	21 33	20 34	4 38	2 40
S 14	18 41		4 54		2 22			23 26		23 10	0 19	0 30		11 36		8 46	1 50		3 21 45			4 40	2 40
M15	18 55	2 s41		12 42	2 35			23 20		23 10	0 18	0 30		11 36		8 46	1 50		3 21 46			4 41	2 40
T 16	19 9	7 12		12 27	2 47			23 14		23 10	0 18	0 31		11 35		8 45	1 50		3 21 48			4 42	2 40
W17 T 18				12 14 12 3	2 58			23 8 23 2	1 32 1 31		0 18	0 32		11 35		8 45 8 45	1 50	-	3 21 49 3 21 51		20 38	4 43	2 40 2 40
F 19				12 3 11 55	3 7 3 16	25 28 25 26		23 2 22 55		23 10	0 18 0 18	0 32 0 33		11 35 11 35		8 44	1 50 1 50		3 21 52			4 44 4 45	2 40
S 20				11 49	3 23			22 49		23 10	0 18	0 33		11 35		8 44	1 50		3 21 53			4 46	2 40
S 21	20 14			11 46	3 30	25 20		22 42		23 11	0 18	0 34	2 38	11 34	0 46	8 43	1 50		3 21 54			4 47	2 40
M22	20 26	22 10	0 41	11 45	3 35	25 16	2 10	22 35	1 30	23 11	0 18	0 34	2 37	11 34	0 46	8 43	1 50	4 10 14	3 21 54	21 37	20 44	4 48	2 40
T 23	20 38	21 35	0 s22	11 46	3 39	25 12	2 11	22 28	1 29	23 11	0 18	0 34	2 37	11 34	0 46	8 42	1 50	4 10 14	3 21 54	21 38	20 45	4 49	2 40
W24	20 49	20 1	1 26	11 49	3 42	25 6	2 12	22 21	1 29	23 11	0 18	0 35	2 37	11 33	0 46	8 42	1 50	4 10 14	3 21 54	21 38	20 46	4 50	2 40
T 25		17 32		11 55	3 44			22 14		23 11	0 17	0 35	2 37	11 33	0 46	8 42	1 50		3 21 54		20 47	4 51	2 40
				12 3		24 53	2 13			23 12	0 17	0 35		11 33		8 41	1 50		3 21 54			4 52	2 40
S 27	21 20	10 8	4 9	12 13	3 46	24 46	2 14	21 59	1 28	23 12	0 17	0 36	2 36	11 32	0 46	8 41	1 50	4 11 14	3 21 54	21 40	20 49	4 53	2 40
S 28	21 30	5 29	4 45	12 25	3 45	24 38	2 14	21 51	1 27	23 12	0 17	0 36	2 36	11 32	0 46	8 40	1 50	4 11 14	3 21 54	21 40	20 51	4 54	2 40
	21 40	0 25	5 5	12 39		24 29	2 14			23 12	0 17	0 36	2 36	11 32	0 46	8 40	1 50		3 21 54			4 55	2 41
	21 49	4n51		12 55		24 20		21 35		23 12	0 17	0 36		11 31	0 46	8 40	1 49		3 21 55			4 56	2 41
W31	21n58	10n 1	4s53	13n12	3 s39	24n10	2n15	21n27	1n26	23 s12	0n17	0n36	2n35	11n31	0n46	8 s 3 9	1n49	4n12 14s	3 21n56	21n42	20 s 5 4	4n56	2n41

Julian Day Number = 2315795.5, Delta T = 59.31 sec Ecliptic obliquity =  $23^{\circ}29'12$ , Nutation = -  $0^{\circ}00'17$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $19^{\circ}33'10$ , Lahiri =  $18^{\circ}40'11$ Greg. Calendar

JUNE 1628 GC 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂	4	ħ	)∤(	¥	Р	ß	Ω	Ç	ę,	Day
T 1	16 39 31	10 <b>Ⅱ</b> 43'55	24820	178 0	21930	1Ω13	0°R32	4°R27	1 <b>m</b> 59	26°R47	19 <b>8</b> 58	20°R18	21952	23 <b>~</b> 47	6 <b>Υ</b> 16	T 1
F 2	16 43 28	11°41'19	9Ⅱ28	17°58	22°38	1°48	0る25	4 <b>₽</b> 26	2° 0	26 <b>♀</b> 46	20° 0	209512	21°49	23°54	6°18	F 2
S 3	16 47 24	12°38'43	24°40	18°58	23°46	2°24	0°19	4°26	2° 1	26°45	20° 1	20° 9	21°46	24° 0	6°20	S 3
S 4	16 51 21	13°36'05	99547	20° 3	24°54	3° 0	0°12	4°26	2° 2	26°44	20° 2	20° 7	21°43	24° 7	6°22	S 4
M 5	16 55 17	14°33'27	24°38	21°10	26° 1	3°36	0° 5	4°25	2° 4	26°43	20° 3	20°D 7	21°40	24°14	6°24	M 5
T 6	16 59 14	15°30'47	9Ω 9	22°21	27° 9	4°11	29 <b>×</b> 757	4°D25	2° 5	26°42	20° 5	20° 7	21°37	24°20	6°26	T 6
W 7	17 3 11	16°28'07	23°16	23°35	28°16	4°47	29°50	4°25	2° 7	26°41	20° 6	20° 9	21°33	24°27	6°27	W 7
T 8	17 7 7	17°25'25	6 <b>m</b> 58	24°53	29°23	5°23	29°43	4°26	2° 8	26°41	20° 7	20°10	21°30	24°34	6°29	T 8
F 9	17 11 4	18°22'43	20°16	26°13	0Ω30	5°59	29°36	4°26	2°10	26°40	20° 8	20°R10	21°27	24°40	6°31	F 9
S 10	17 15 0	19°20'00	3 <b>₾</b> 13	27°37	1°37	6°35	29°28	4°26	2°12	26°39	20°10	20°10	21°24	24°47	6°32	S 10
S 11	17 18 57	20°17'15	15°52	29° 4	2°44	7°11	29°21	4°26	2°13	26°38	20°11	20° 7	21°21	24°54	6°34	S 11
M12	17 22 53	21°14'31	28°16	0П33	3°50	7°47	29°13	4°27	2°15	26°37	20°12	20° 4	21°17	25° 0	6°35	M12
T 13	17 26 50	22°11'45	10ML28	2° 6	4°57	8°23	29° 6	4°28	2°17	26°36	20°13	20° 0	21°14	25° 7	6°37	T 13
W14	17 30 46	23° 8'59	22°31	3°42	6° 3	8°59	28°58	4°28	2°19	26°36	20°14	19°55	21°11	25°14	6°38	W14
T 15	17 34 43	24° 6'12	4 <b>₹</b> 27	5°21	7° 9	9°35	28°50	4°29	2°20	26°35	20°16	19°51	21° 8	25°20	6°39	T 15
F 16	17 38 40	25° 3'24	16°18	7° 3	8°15	10°11	28°43	4°30	2°22	26°34	20°17	19°47	21° 5	25°27	6°41	F 16
S 17	17 42 36	26° 0'37	28° 7	8°48	9°20	10°47	28°35	4°31	2°24	26°34	20°18	19°45	21° 2	25°34	6°42	S 17
S 18	17 46 33	26°57'49	9 <b>ප</b> 56	10°35	10°26	11°23	28°27	4°32	2°26	26°33	20°19	19°43	20°58	25°40	6°43	S 18
M19	17 50 29	27°55'00	21°46	12°26	11°31	11°59	28°20	4°34	2°28	26°32	20°20	19°D43	20°55	25°47	6°44	M19
T 20	17 54 26	28°52'12	3≈41	14°19	12°36	12°35	28°12	4°35	2°31	26°32	20°21	19°43	20°52	25°54	6°45	T 20
W21	17 58 22	29°49'23	15°43	16°14	13°41	13°12	28° 4	4°36	2°33	26°31	20°22	19°45	20°49	26° 0	6°46	W21
T 22	18 2 19	09546'34	27°57	18°12	14°45	13°48	27°57	4°38	2°35	26°31	20°23	19°46	20°46	26° 7	6°47	T 22
F 23	18 6 15	1°43'45	10 <b>∺</b> 24	20°13	15°50	14°24	27°49	4°39	2°37	26°30	20°24	19°47	20°43	26°14	6°48	F 23
S 24	18 10 12	2°40'57	23° 9	22°15	16°54	15° 1	27°41	4°41	2°39	26°30	20°25	19°48	20°39	26°20	6°49	S 24
S 25	18 14 9	3°38'08	6 <b>Υ</b> 16	24°20	17°58	15°37	27°34	4°43	2°42	26°30	20°26	19°R49	20°36	26°27	6°50	S 25
M26	18 18 5	4°35'20	19°48	26°26	19° 2	16°13	27°26	4°45	2°44	26°29	20°28	19°48	20°33	26°34	6°51	M26
T 27	18 22 2	5°32'31	3 <b>8</b> 45	28°33	20° 5	16°50	27°19	4°47	2°46	26°29	20°29	19°47	20°30	26°40	6°51	T 27
W28	18 25 58	6°29'44	18° 7	0ණ42	21° 8	17°26	27°11	4°49	2°49	26°28	20°30	19°45	20°27	26°47	6°52	W28
T 29	18 29 55	7°26'56	2 <b>Ⅱ</b> 52	2°51	22°11	18° 3	27° 4	4°51	2°51	26°28	20°31	19°44	20°23	26°54	6°53	T 29
F 30	18 33 51	8924'09	17 <b>Ⅲ</b> 53	599 1	23 <b>N</b> 14	18 <b>Ω</b> 40	26 <b>×</b> 756	4 <b>º</b> 53	2 <b>m</b> 54	26 <b>≏</b> 28	20 <b>8</b> 31	199543	209520	27 <b>₹</b> 0	6 <b>Ƴ</b> 53	F 30

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	decl	decl lat	decl	lat	decl lat	t decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl lat	decl	decl	decl	decl	lat
T 1 F 2 S 3	22n 6 22 14 22 21	18 34 3 2	7 13n31 23 13 51 4 14 13	3 30	23 48 2	2n15 21n19 2 15 21 11 2 14 21 2	1 25	23 s12 23 13 23 13	0n17 0 17 0 16	0n36 0 36 0 36	2 35	11n30 11 30 11 29	0 46	8 s 3 9 8 3 9 8 3 8	1n49 1 49 1 49		21n57 21 58 21 58	21 43	20 56	4n57 4 58 4 59	2n41 2 41 2 41
S 4 M 5 T 6 W 7 T 8	22 35 22 42	21 39 0n2 19 39 1 4 16 29 2 5	56 14 35 25 14 59 32 15 24 51 15 50 49 16 17	3 13 3 5 2 58	23 10 2 22 57 2 22 43 2	2 14 20 53 2 14 20 45 2 13 20 36 2 13 20 27 2 12 20 17	1 24 1 23 1 23	23 13 23 13 23 13 23 13 23 13	0 16 0 16 0 16 0 16 0 16	0 36 0 36 0 36 0 35 0 35	2 34 2 34 2 34	11 29 11 28 11 28 11 27 11 26	0 46 0 45 0 45	8 38 8 38 8 37 8 37 8 37	1 49 1 49 1 49 1 49 1 49	4 13 14 3 4 14 14 4 4 14 14 4	21 59 21 59 21 59 21 58 21 58	21 44 21 45 21 45	20 59 21 0 21 1	5 0 5 1 5 1 5 2 5 3	2 41 2 41 2 41 2 41 2 41
F 9 S 10	22 59 23 3		0 17 12			2 11 20 8 2 10 19 59		23 13 23 14	0 16 0 16	0 35 0 34		11 26 11 25	0 45 0 45	8 36 8 36	1 49 1 49		21 58 21 58			5 3 5 4	2 41 2 41
W14 T 15	23 19	6 3 5 1 10 20 4 3 14 10 4 2 17 24 3 4 19 54 2 3	2 17 41 0 18 9 33 18 38 44 19 7 44 19 36 44 20 5 66 20 33	2 12 2 1 1 51 1 40 1 28	21 41 2 21 24 2 21 7 2 20 49 2 20 30 2 20 12 2 19 52 2	2 8 19 40 2 6 19 30 2 5 19 20 2 3 19 10 2 1 19 0	1 21 1 20 1 20 1 19 1 19	23 14 23 14 23 14 23 14 23 14 23 14 23 14	0 15 0 15 0 15 0 15 0 15 0 15 0 15	0 34 0 34 0 33 0 33 0 32 0 31 0 31	2 32 2 32 2 32 2 32 2 31	11 25 11 24 11 23 11 22 11 22 11 21 11 20	0 45 0 45 0 45 0 45 0 45	8 36 8 36 8 35 8 35 8 35 8 35 8 35	1 49 1 49 1 49 1 49 1 49 1 49 1 49	4 15 14 4 4 15 14 4 4 15 14 4 4 15 14 5 4 15 14 5	22 0 22 1 22 1	21 48 21 48 21 49 21 49 21 50	21 7 21 8 21 9 21 10	5 5 5 6 5 7	2 41 2 42 2 42 2 42 2 42 2 42 2 42 2 42
M19 T 20 W21 T 22	23 27 23 28 23 29 23 29 23 29 23 29 23 28	21 55 0s 20 36 1 18 22 2 15 16 3 11 27 4	34 21 ( 1 21 27 6 21 52 9 22 16 6 22 39 5 23 ( 13 23 20	0 54 0 42 0 30 0 19 0 7	19 13 1 18 52 1 18 31 1 18 10 1 17 49 1	1 58 18 39 1 56 18 28 1 53 18 18 1 51 18 7 1 49 17 56 1 46 17 45 1 43 17 34	1 17 1 17 1 17 1 16 1 16	23 14 23 14 23 14 23 14 23 14 23 14 23 14	0 15 0 14 0 14 0 14 0 14 0 14 0 14	0 30 0 29 0 29 0 28 0 27 0 26 0 25	2 31 2 30 2 30 2 30 2 30 2 30	11 20 11 19 11 18 11 17 11 16 11 16 11 15	0 45 0 45 0 45 0 45 0 45	8 34 8 34 8 34 8 34 8 34 8 34	1 49 1 49 1 49 1 48 1 48 1 48 1 48	4 16 14 5 4 16 14 5 4 16 14 5 4 16 14 6 4 16 14 6	22 2 22 2 22 2 22 2 22 1	21 51 21 52 21 52 21 53 21 53	21 13 21 14 21 15 21 16 21 17 21 18 21 19	5 9 5 10 5 10 5 11 5 11 5 11 5 12	2 42 2 42 2 42 2 42 2 42 2 42 2 42 2 42
	23 26 23 24 23 22 23 20 23 17 23n13	2n52 5 7 58 5 12 48 4 3 16 59 3 5	8 23 37 7 23 52 7 24 5 89 24 15 61 24 22 88 24n27	0 26 0 36 0 46 0 55	16 42 1 16 19 1 15 55 1 15 32 1	1 41 17 23 1 38 17 11 1 34 17 0 1 31 16 48 1 28 16 36 1n24 16n25	1 14 1 14 1 13 1 13	23 14 23 14 23 14 23 14 23 14 23 14 23 s14	0 14 0 13 0 13 0 13 0 13 0 13	0 24 0 23 0 22 0 21 0 20 0n19	2 29 2 29 2 29 2 28	11 14 11 13 11 12 11 11 11 10 11n 9	0 45 0 45 0 45 0 45	8 33 8 33 8 33 8 33 8 33 8 833	1 48 1 48 1 48 1 48 1 48 1 148	4 17 14 6 4 17 14 6 4 17 14 7	22 1 22 2 22 2 22 2 22 2	21 55 21 55 21 56 21 56	21 22 21 23 21 24	5 12 5 13 5 13 5 13 5 14 5n14	2 43 2 43 2 43 2 43 2 43 2 n43

Julian Day Number = 2315826.5, Delta T = 59.24 sec Ecliptic obliquity = 23°29'12, Nutation = -0°00'17, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 19°33'14, Lahiri = 18°40'15Greg. Calendar

JULY 1628 GC 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ	)∤(	卉	Р	n	v	Ç	ķ	Day
S 1	18 37 48	9921'22	399 2	79911	24 <b>Ω</b> 17	19 <b>Ω</b> 16	26°R49	4 <b>º</b> 56	2 <b>m</b> 56	26°R28	20832	19°R42	20917	27 <b>×7</b> 7	6 <b>Ƴ</b> 54	S 1
S 2	18 41 44	10°18'35	18°10	9°21	25°19	19°53	26 <b>₹</b> 42	4°58	2°59	26 <u>₽</u> 27	20°33	19°D42	20°14	27°14	6°54	S 2
M 3	18 45 41	11°15'48	3 <b>N</b> 9	11°31	26°21	20°30	26°34	5° 1	3° 2	26°27	20°34	199542	20°11	27°20	6°55	M 3
T 4	18 49 38	12°13'01	17°49	13°40	27°22	21° 6	26°27	5° 3	3° 4	26°27	20°35	19°42	20° 8	27°27	6°55	T 4
W 5	18 53 34	13°10'14	2MD 6	15°49	28°24	21°43	26°20	5° 6	3° 7	26°27	20°36	19°43	20° 4	27°33	6°55	W 5
T 6	18 57 31	14° 7'27	15°58	17°56	29°25	22°20	26°13	5° 9	3°10	26°27	20°37	19°43	20° 1	27°40	6°56	T 6
F 7	19 1 27	15° 4'40	29°23	20° 2	0 <b>m</b> 26	22°57	26° 6	5°12	3°12	26°27	20°38	19°44	19°58	27°47	6°56	F 7
S 8	19 5 24	16° 1'53	12 <b>≏</b> 23	22° 7	1°26	23°33	25°59	5°15	3°15	26°D27	20°39	19°R44	19°55	27°53	6°56	S 8
S 9	19 9 20	16°59'06	25° 2	24°11	2°26	24°10	25°53	5°18	3°18	26°27	20°40	19°44	19°52	28° 0	6°56	S 9
M10	19 13 17	17°56'19	7 <b>M</b> 22	26°13	3°26	24°47	25°46	5°21	3°21	26°27	20°40	19°44	19°49	28° 7	6°R56	M10
T 11	19 17 13	18°53'32	19°29	28°14	4°25	25°24	25°39	5°25	3°24	26°27	20°41	19°44	19°45	28°13	6°56	T 11
W12	19 21 10	19°50'45	1 <b>₹</b> 26	$0\Omega$ 12	5°24	26° 1	25°33	5°28	3°27	26°27	20°42	19°D44	19°42	28°20	6°56	W12
T 13	19 25 7	20°47'59	13°18	2°10	6°22	26°38	25°27	5°31	3°30	26°27	20°43	19°44	19°39	28°27	6°56	T 13
F 14	19 29 3	21°45'13	25° 6	4° 5	7°21	27°15	25°20	5°35	3°33	26°28	20°43	19°44	19°36	28°33	6°55	F 14
S 15	19 33 0	22°42'28	6 <b>ප</b> 55	5°59	8°18	27°52	25°14	5°39	3°36	26°28	20°44	19°44	19°33	28°40	6°55	S 15
S 16	19 36 56	23°39'42	18°47	7°51	9°16	28°29	25° 8	5°42	3°39	26°28	20°45	19°R44	19°29	28°47	6°55	S 16
M17	19 40 53	24°36'58	0≈44	9°41	10°12	29° 7	25° 3	5°46	3°42	26°28	20°46	19°44	19°26	28°53	6°55	M17
T 18	19 44 49	25°34'14	12°48	11°29	11° 9	29°44	24°57	5°50	3°45	26°29	20°46	19°44	19°23	29° 0	6°54	T 18
W19	19 48 46	26°31'31	25° 2	13°16	12° 5	0 <b>m</b> 21	24°51	5°54	3°48	26°29	20°47	19°43	19°20	29° 7	6°54	W19
T 20	19 52 43	27°28'48	7 <b>∺</b> 27	15° 0	13° 0	0°58	24°46	5°58	3°52	26°29	20°48	19°42	19°17	29°13	6°53	T 20
F 21	19 56 39	28°26'07	20° 5	16°44	13°55	1°35	24°41	6° 2	3°55	26°30	20°48	19°41	19°14	29°20	6°53	F 21
S 22	20 0 36	29°23'26	2 <b>Ƴ</b> 58	18°25	14°50	2°13	24°35	6° 6	3°58	26°30	20°49	19°40	19°10	29°27	6°52	S 22
S 23	20 4 32	0 <b>Ω</b> 20'46	16° 8	20° 5	15°43	2°50	24°30	6°11	4° 1	26°31	20°49	19°39	19° 7	29°33	6°51	S 23
M24	20 8 29	1°18'08	29°38	21°42	16°37	3°28	24°26	6°15	4° 5	26°31	20°50	19°D39	19° 4	29°40	6°50	M24
T 25	20 12 25	2°15'30	13 <b>8</b> 27	23°19	17°30	4° 5	24°21	6°19	4° 8	26°32	20°51	19°39	19° 1	29°47	6°50	T 25
W26	20 16 22	3°12'54	27°36	24°53	18°22	4°42	24°16	6°24	4°11	26°32	20°51	19°40	18°58	29°53	6°49	W26
T 27	20 20 18	4°10'19	12 <b>II</b> 3	26°26	19°13	5°20	24°12	6°28	4°15	26°33	20°52	19°41	18°55	29°59	6°48	T 27
F 28	20 24 15	5° 7'45	26°46	27°57	20° 4	5°57	24° 8	6°33	4°18	26°34	20°52	19°42	18°51	0중 7	6°47	F 28
S 29	20 28 12	6° 5'12	11939	29°26	20°55	6°35	24° 4	6°38	4°21	26°34	20°53	19°43	18°48	0°13	6°46	S 29
S 30	20 32 8	7° 2'41	26°35	0 <b>m</b> 53	21°44	7°13	24° 0	6°42	4°25	26°35	20°53	19°R43	18°45	0°20	6°45	S 30
M31	20 36 5	8 <b>Ω</b> 0'10	11 <b>Ω</b> 25	2 <b>m</b> 19	22 <b>m</b> 33	7 <b>m</b> ,50	23 <b>×</b> 756	6 <b>≏</b> 47	4 <b>m</b> 28	26 <b>₽</b> 36	20 <b>8</b> 53	199542	189642	0 <b>궁</b> 27	6 <b>Ƴ</b> 44	M31

Day	0	J	)	ζ	i	Q	)	C	7	2	+	ħ	<u> </u>	);	β(	<del> </del>	(	Е	)	n	Ω	Ç	ď	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	23n 9	21n56	1 s31	24n28	1n11	14n43	1n21	16n13	1n12	23 s14	0n13	0n18	2n28	11n 8	0n45	8 s33	1n48	4n17	14s 7	22n 2	21n57	21 s26	5n14	2n43
S 2	23 5	22 7		24 27	1 18	14 19	1 17	16 1		23 14	0 13	0 17	2 28	11 7	0 45	8 33	1 48	4 17				21 27	5 14	2 43
M 3	23 0	20 42		24 24	1 25			15 49		23 14	0 12	0 16		-		8 33	1 48	4 17				21 27	5 15	2 43
T 4 W 5	22 55 22 50	17 54 14 5		24 17 24 8	1 30 1 35	13 29 13 4		15 36 15 24		23 14 23 14	0 12 0 12	0 14 0 13	2 27 2 27		0 45 0 44	8 33 8 33	1 48 1 48	4 17 4 17				21 28 21 29	5 15 5 15	2 43 2 43
T 6	22 44	-		23 56	1 40					23 14	0 12	0 12	2 27		0 44	8 33	1 48	4 17				21 30		2 43
F 7	22 38	4 48	4 58	23 41	1 43	12 13	0 56	14 59		23 14	0 12	0 10	2 26	11 2	0 44	8 33	1 48	4 17				21 31	5 15	2 43
S 8	22 31	0s 4	5 15	23 24	1 46	11 47	0 51	14 47	1 9	23 14	0 12	0 9	2 26	11 1	0 44	8 33	1 48	4 17	14 9	22 2	2 22 0	21 32	5 16	2 44
S 9	22 24	4 48	5 16		-	11 21		14 34		23 14	0 11	0 7	2 26	-		8 33	1 47	4 17				21 33	5 16	2 44
M10	22 17				1 49	10 55				23 14	0 11	0 6	2 26			8 33	1 47				2 22 1	21 34	5 16	2 44
T 11 W12	22 9 22 1	13 12 16 37		22 21 21 56	1 50 1 50	10 29 10 2			1 8 1 7	23 14 23 14	0 11 0 11	0 4 0 3	2 26	10 58 10 57	0 44 0 44	8 33 8 34	1 47 1 47	4 17 4 17				21 35 21 36	5 16 5 16	2 44 2 44
T 13		19 19		21 29	1 49	9 36				23 14	0 11	0 1		10 56		8 34	1 47		14 10			21 37	5 16	2 44
F 14	21 44		2 13		1 47	9 9		13 29		23 14	0 11	0s 0		10 55		8 34	1 47		14 10			21 38	5 16	2 44
S 15	21 34	22 8	1 11	20 31	1 45	8 42	0 15	13 16	1 6	23 14	0 11	0 2	2 25	10 54	0 44	8 34	1 47	4 17	14 10	22 2	2 22 4	21 39	5 16	2 44
	21 25	-	0 5	20 0	1 43	8 16		13 2		23 13	0 10	0 4		10 52	0 44	8 34	1 47		14 10			21 39	5 16	2 44
	-	21 1			1 40	7 49	-			23 13	0 10	0 5	2 24		0 44	8 34	1 47		14 11			21 40		2 44
_	21 4 20 53				1 36 1 32	7 22 6 55		12 36 12 22		23 13 23 13	0 10 0 10	0 7 0 9		10 50 10 49		8 34 8 35	1 47 1 47		14 11 14 11			21 41 21 42	5 16 5 15	2 44 2 44
T 20		12 25			1 27	6 28				23 13	0 10	0 11		10 48		8 35	1 47		14 11			21 43	5 15	2 45
F 21	20 31	8 10	4 36	17 10	1 22	6 1	0 21	11 55	1 3	23 13	0 10	0 12	2 23	10 47	0 44	8 35	1 47	4 17	14 11	22 2	22 6	21 44	5 15	2 45
S 22	20 19	3 28	5 4	16 33	1 17	5 33	0 28	11 41	1 2	23 13	0 9	0 14	2 23	10 45	0 44	8 35	1 47	4 17	14 12	22 3	3 22 7	21 45	5 15	2 45
S 23	20 7			15 56	1 11	5 6		11 27	1 2	23 13	0 9	0 16	2 23	10 44	0 44	8 35	1 47	-	14 12			21 46		2 45
M24	19 55			15 19	1 4	4 39	-	-	1 1	23 13	0 9	0 18	2 23		-	8 36	1 47					21 46		2 45
T 25 W26	19 42 19 29		4 50 4 10		0 58 0 50	4 12 3 45		10 59 10 45	1 1 1 1	23 13 23 13	0 9	0 20 0 22	2 23 2 22	-	0 44	8 36 8 36	1 47 1 46					21 47 21 48	5 14 5 14	2 45
T 27		19 5		13 24	0 43	3 18				23 13	0 9	0 24	2 22	-		8 36	1 46		14 13			21 49	5 14	2 45
F 28	19 1	21 23	2 4	12 46	0 35	2 52			1 0	23 13	0 9	0 26	2 22	10 38	0 44	8 37	1 46		14 13			21 50	5 13	2 45
S 29	18 47	22 14	0 44	12 7	0 27	2 25	1 18	10 2	0 59	23 13	0 8	0 28	2 22	10 37	0 44	8 37	1 46	4 16	14 13	22 2	22 10	21 51	5 13	2 45
S 30		21 30		11 28	0 19	1 58	1 26			23 13		0 30		10 36		8 37	1 46					21 51		-
M31	18n18	19n16	1n57	10n50	0n10	1n32	1 s34	9n33	0n58	23 s13	0n 8	0 s32	2n22	10n34	0n44	8 s 3 8	1n46	4n16	14s14	22n 2	22n11	21 s52	5n12	2n45

Julian Day Number = 2315856.5, Delta T = 59.17 sec

Ecliptic obliquity =  $23^{\circ}29'12$ , Nutation =  $-0^{\circ}00'16$ , out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 19°33'19, Lahiri = 18°40'19Greg. Calendar

AUGUST 1628 GC 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	4	ħ	)∤(	并	В	n	Ω	Ç	ķ	Day
T 1	20 40 1	8 <b>Ω</b> 57'41	26Ω 4	3 mp 43	23 m/21	8 m) 28	23°R53	6 <b>₽</b> 52	4 m) 32	26₽36	20854	19°R40	18939	0 <b>ට</b> 33	6°R43	T 1
W 2	20 43 58	9°55'12	10 <b>m</b> 23	5° 5	24° 9	9° 6	23 <b>×</b> <sup>7</sup> 49	6°57	4°35	26°37	20°54	19937	18°35	0°40	6 <b>Υ</b> 42	W 2
T 3	20 47 54	10°52'44	24°19	6°25	24°55	9°44	23°46	7° 2	4°39	26°38	20°55	19°35	18°32	0°46	6°40	T 3
F 4	20 51 51	11°50'17	7 <b>≙</b> 49	7°43	25°41	10°21	23°43	7° 7	4°42	26°39	20°55	19°32	18°29	0°53	6°39	F 4
S 5	20 55 47	12°47'51	20°54	9° 0	26°26	10°59	23°40	7°13	4°46	26°40	20°55	19°29	18°26	1° 0	6°38	S 5
S 6	20 59 44	13°45'26	3M35	10°14	27°10	11°37	23°37	7°18	4°49	26°41	20°56	19°28	18°23	1° 6	6°36	S 6
M 7	21 3 41	14°43'02	15°57	11°26	27°53	12°15	23°35	7°23	4°53	26°42	20°56	19°D28	18°20	1°13	6°35	M 7
T 8	21 7 37	15°40'38	28° 3	12°36	28°35	12°53	23°33	7°29	4°57	26°43	20°56	19°28	18°16	1°20	6°33	T 8
W 9	21 11 34	16°38'16	9 <b>∡</b> 758	13°44	29°16	13°31	23°31	7°34	5° 0	26°44	20°56	19°30	18°13	1°26	6°32	W 9
T 10	21 15 30	17°35'55	21°48	14°49	29°56	14° 9	23°29	7°40	5° 4	26°45	20°57	19°31	18°10	1°33	6°30	T 10
F 11	21 19 27	18°33'35	3 <b>⋜</b> 36	15°52	0 <b>₽</b> 35	14°47	23°27	7°45	5° 7	26°46	20°57	19°33	18° 7	1°40	6°29	F 11
S 12	21 23 23	19°31'16	15°27	16°53	1°13	15°25	23°25	7°51	5°11	26°47	20°57	19°R34	18° 4	1°46	6°27	S 12
S 13	21 27 20	20°28'58	27°24	17°50	1°50	16° 3	23°24	7°57	5°15	26°48	20°57	19°34	18° 1	1°53	6°25	S 13
M14	21 31 16	21°26'42	9 <b>≈</b> 31	18°45	2°25	16°41	23°23	8° 2	5°18	26°49	20°57	19°32	17°57	2° 0	6°24	M14
T 15	21 35 13	22°24'27	21°48	19°37	2°59	17°19	23°22	8° 8	5°22	26°50	20°57	19°29	17°54	2° 6	6°22	T 15
W16	21 39 10	23°22'13	4 <b>)</b> (18	20°26	3°32	17°58	23°21	8°14	5°26	26°51	20°58	19°24	17°51	2°13	6°20	W16
T 17	21 43 6	24°20'01	17° 1	21°11	4° 4	18°36	23°20	8°20	5°30	26°53	20°58	19°19	17°48	2°20	6°18	T 17
F 18	21 47 3	25°17'50	29°58	21°53	4°34	19°14	23°20	8°26	5°33	26°54	20°58	19°13	17°45	2°26	6°16	F 18
S 19	21 50 59	26°15'41	13 <b>°</b> 7	22°32	5° 2	19°53	23°20	8°32	5°37	26°55	20°58	19° 7	17°41	2°33	6°14	S 19
S 20	21 54 56	27°13'33	26°30	23° 6	5°29	20°31	23°D20	8°38	5°41	26°56	20°R58	19° 2	17°38	2°40	6°12	S 20
M21	21 58 52	28°11'28	108 6	23°36	5°55	21° 9	23°20	8°44	5°44	26°58	20°58	18°59	17°35	2°46	6°10	M21
T 22	22 2 49	29° 9'24	23°55	24° 1	6°19	21°48	23°20	8°50	5°48	26°59	20°58	18°D58	17°32	2°53	6° 8	T 22
W23	22 6 45	0 mg 7'22	7 <b>II</b> 56	24°22	6°41	22°26	23°21	8°56	5°52	27° 1	20°58	18°58	17°29	2°59	6° 6	W23
T 24	22 10 42	1° 5'23	22° 8	24°38	7° 1	23° 5	23°21	9° 3	5°56	27° 2	20°58	18°59	17°26	3° 6	6° 4	T 24
F 25	22 14 38	2° 3'25	6930	24°49	7°20	23°44	23°22	9° 9	5°59	27° 3	20°58	19° 0	17°22	3°13	6° 2	F 25
S 26	22 18 35	3° 1'29	20°59	24°R54	7°37	24°22	23°23	9°15	6° 3	27° 5	20°57	19°R 1	17°19	3°19	5°59	S 26
S 27	22 22 32	3°59'35	5 <b>Ω</b> 32	24°53	7°51	25° 1	23°24	9°22	6° 7	27° 6	20°57	19° 0	17°16	3°26	5°57	S 27
M28	22 26 28	4°57'43	20° 3	24°46	8° 4	25°40	23°26	9°28	6°11	27° 8	20°57	18°56	17°13	3°33	5°55	M28
T 29	22 30 25	5°55'52	4Mp26	24°33	8°15	26°18	23°28	9°35	6°14	27° 9	20°57	18°51	17°10	3°39	5°53	T 29
W30	22 34 21	6°54'03	18°35	24°14	8°24	26°57	23°29	9°41	6°18	27°11	20°57	18°44	17° 7	3°46	5°50	W30
T 31	22 38 18	7 <b>m</b> 52'16	2 <b>≙</b> 25	23 <b>M</b> 48	8 <b>亞</b> 30	27 <b>m</b> /36	23 <b>×</b> 31	9 <b>≏</b> 48	6Mp22	27 <b>≏</b> 13	20 <b>8</b> 57	18936	1795 3	3 <b>⋜</b> 53	5 <b>Ƴ</b> 48	T 31

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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 W 2 T 3 F 4	18n 3 17 48 17 32 17 16	15n48 3n 8 11 27 4 4 6 37 4 45 1 37 5 9	9 33 0s 8 8 55 0 17	0 13 1 58	9 3 0 57 8 49 0 57	23 s13	0s34 2n21 0 36 2 21 0 39 2 21 0 41 2 21	10 32 0 44	8 s 38	4 15 14 14		21 54 21 55	5n12 2n45 5 12 2 45 5 11 2 45 5 11 2 46
S 5 S 6 M 7	17 0 16 44 16 27	3s18 5 15 7 57 5 6 12 8 4 42	7 39 0 36 7 2 0 46	0 39 2 15 1 4 2 24	8 19 0 56 8 4 0 55	23 13 0 7 23 13 0 7 23 13 0 7	0 43 2 21	10 28 0 44 10 26 0 44	8 39 1 46 8 40 1 46 8 40 1 46	4 15 14 15 4 15 14 16 4 14 14 16	22 4 22 13 22 4 22 13	21 56	5 10 2 46
T 8 W 9 T 10 F 11 S 12	16 10 15 53 15 35 15 18	15 45 4 7 18 41 3 21 20 48 2 27 22 0 1 27	5 50 1 6 5 14 1 16 4 40 1 26 4 6 1 37	1 55 2 42 2 19 2 51 2 44 3 0 3 8 3 10	7 34 0 54 7 19 0 54 7 4 0 53 6 49 0 53		0 50 2 20 0 52 2 20 0 54 2 20 0 57 2 20		8 41 1 46 8 41 1 46 8 41 1 46 8 42 1 46 8 42 1 46	4 14 14 16 4 14 14 16 4 14 14 17 4 14 14 17 4 13 14 17	22 4 22 14 22 4 22 15 22 4 22 15 22 4 22 16	21 59 21 59 22 0 22 1	5 9 2 46 5 8 2 46 5 8 2 46 5 7 2 46 5 6 2 46
S 13 M14 T 15 W16 T 17 F 18 S 19		21 25 0 s 43 19 38 1 47 16 54 2 47 13 22 3 40 9 10 4 23 4 30 4 54 0 n 27 5 9	2 29 2 8 2 0 2 19 1 31 2 29 1 4 2 39 0 38 2 49	4 18 3 39 4 41 3 48 5 3 3 58 5 25 4 8 5 46 4 19	6 3 0 51 5 48 0 51 5 32 0 50 5 17 0 50 5 1 0 49	23 13 0 6 23 14 0 6 23 14 0 6	1 1 2 19 1 4 2 19 1 6 2 19 1 9 2 19 1 11 2 19 1 14 2 19 1 16 2 18	10 14 0 44 10 13 0 44 10 12 0 44 10 10 0 44	8 43 1 46 8 43 1 45 8 44 1 45 8 44 1 45 8 45 1 45 8 45 1 45 8 46 1 45	4 13 14 17 4 13 14 18 4 13 14 18 4 12 14 18 4 12 14 18 4 12 14 19 4 12 14 19	22 4 22 17 22 4 22 17 22 5 22 18 22 6 22 18 22 6 22 18	22 3 22 4 22 5 22 5 22 6	5 6 2 46 5 5 2 46 5 4 2 46 5 4 2 46 5 3 2 46 5 2 2 46 5 1 2 46
S 20 M21 T 22 W23 T 24 F 25 S 26	11 27	18 19 3 24 20 55 2 21 22 12 1 7	0 29 3 18 0 48 3 28 1 4 3 36 1 18 3 44 1 29 3 52	6 47 4 49 7 6 5 0 7 24 5 10 7 42 5 21 7 59 5 31	4 15 0 48 3 59 0 47 3 43 0 47 3 28 0 46 3 12 0 46	23 14 0 5 23 14 0 5 23 14 0 5 23 15 0 5 23 15 0 5 23 15 0 4 23 15 0 4	1 19 2 18 1 21 2 18 1 24 2 18 1 26 2 18 1 29 2 18 1 31 2 18 1 34 2 18	10 6 0 44 10 5 0 44 10 3 0 44 10 2 0 44 10 1 0 44	8 46 1 45 8 47 1 45 8 47 1 45 8 48 1 45 8 48 1 45 8 49 1 45 8 49 1 45	4 11 14 19 4 11 14 20 4 11 14 20 4 11 14 20 4 10 14 20 4 10 14 21 4 10 14 21	22 8 22 20 22 9 22 20 22 9 22 21 22 8 22 21 22 8 22 21	22 8 22 9 22 10 22 10 22 11	5 1 2 46 5 0 2 46 4 59 2 46 4 58 2 46 4 57 2 46 4 57 2 46 4 56 2 46
S 27 M28 T 29 W30 T 31	9 43	20 21 1 28 17 21 2 40 13 19 3 40 8 36 4 26 3n33 4n55	1 45 4 10 1 44 4 15 1 39 4 18	8 45 6 3 8 59 6 13 9 12 6 23	2 24 0 44 2 9 0 44 1 53 0 43	23 15 0 4 23 15 0 4 23 16 0 4 23 16 0 4 23 s16 0n 4	1 37 2 18 1 39 2 17 1 42 2 17 1 45 2 17 1 s47 2n17	9 56 0 44 9 55 0 44 9 54 0 44	8 50 1 45 8 51 1 45 8 51 1 45 8 52 1 45 8 s52 1 n45	4 9 14 22		22 13 22 14 22 15	4 55 2 46 4 54 2 46 4 53 2 46 4 52 2 46 4n51 2n46

Julian Day Number = 2315887.5, Delta T = 59.10 sec Ecliptic obliquity =  $23^{\circ}29'12$ , Nutation = -  $0^{\circ}00'15$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $19^{\circ}33'23$ , Lahiri =  $18^{\circ}40'23$ Greg. Calendar

SEPTEMBER 1628 GC 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ	)∤(	卉	Р	n	v	Ç	ķ	Day
F 1	22 42 14	8 m 50'30	15 <b>≏</b> 53	23°R16	8 <b>₾</b> 35	28 Mp 15	23 <b>×</b> 34	9 <b>≏</b> 54	6Mp26	27 <b>₽</b> 14	20°R56	18°R28	1795 0	3 <b>る</b> 59	5°R45	F 1
S 2	22 46 11	9°48'46	28°58	22 <b>m</b> 38	8°R37	28°54	23°36	10° 1	6°30	27°16	20856	18920	16°57	4° 6	5 <b>Ƴ</b> 43	S 2
S 3	22 50 7	10°47'04	11 <b>M</b> 40	21°54	8°36	29°33	23°39	10° 8	6°33	27°17	20°56	18°15	16°54	4°13	5°41	S 3
M 4	22 54 4	11°45'23	24° 3	21° 5	8°34	0 <b>ჲ</b> 12	23°41	10°14	6°37	27°19	20°56	18°11	16°51	4°19	5°38	M 4
T 5	22 58 1	12°43'44	6 <b>才</b> 9	20°11	8°29	0°51	23°44	10°21	6°41	27°21	20°55	18° 9	16°47	4°26	5°36	T 5
W 6	23 1 57	13°42'07	18° 5	19°13	8°21	1°30	23°47	10°28	6°45	27°23	20°55	18°D 9	16°44	4°33	5°33	W 6
T 7	23 5 54	14°40'31	29°54	18°13	8°11	2° 9	23°51	10°35	6°48	27°24	20°55	18°10	16°41	4°39	5°30	T 7
F 8	23 9 50	15°38'56	11 <b>る</b> 43	17°11	7°59	2°48	23°54	10°42	6°52	27°26	20°54	18°11	16°38	4°46	5°28	F 8
S 9	23 13 47	16°37'24	23°36	16° 9	7°45	3°27	23°58	10°49	6°56	27°28	20°54	18°R11	16°35	4°53	5°25	S 9
S 10	23 17 43	17°35'53	5 <b>≈</b> 38	15° 9	7°28	4° 7	24° 2	10°56	7° 0	27°30	20°53	18° 9	16°32	4°59	5°23	S 10
M11	23 21 40	18°34'23	17°53	14°11	7° 8	4°46	24° 6	11° 2	7° 3	27°32	20°53	18° 5	16°28	5° 6	5°20	M11
T 12	23 25 36	19°32'56	0 <b>∺</b> 24	13°18	6°47	5°25	24°10	11° 9	7° 7	27°33	20°53	17°59	16°25	5°12	5°17	T 12
W13	23 29 33	20°31'30	13°11	12°30	6°23	6° 5	24°14	11°16	7°11	27°35	20°52	17°50	16°22	5°19	5°15	W13
T 14	23 33 30	21°30'06	26°15	11°49	5°58	6°44	24°19	11°23	7°14	27°37	20°52	17°40	16°19	5°26	5°12	T 14
F 15	23 37 26	22°28'44	9 <b>Y</b> 36	11°16	5°30	7°24	24°23	11°31	7°18	27°39	20°51	17°29	16°16	5°32	5° 9	F 15
S 16	23 41 23	23°27'25	23° 9	10°52	5° 0	8° 3	24°28	11°38	7°22	27°41	20°51	17°18	16°12	5°39	5° 7	S 16
S 17	23 45 19	24°26'07	6 <b>8</b> 54	10°38	4°29	8°43	24°33	11°45	7°25	27°43	20°50	17° 9	16° 9	5°46	5° 4	S 17
M18	23 49 16	25°24'52	20°47	10°D33	3°57	9°22	24°38	11°52	7°29	27°45	20°49	17° 2	16° 6	5°52	5° 1	M18
T 19	23 53 12	26°23'38	4 <b>∏</b> 46	10°38	3°23	10° 2	24°44	11°59	7°33	27°47	20°49	16°58	16° 3	5°59	4°58	T 19
W20	23 57 9	27°22'28	18°49	10°53	2°48	10°41	24°49	12° 6	7°36	27°49	20°48	16°56	16° 0	6° 6	4°55	W20
T 21	0 1 5	28°21'19	2 <b>9</b> 55	11°18	2°12	11°21	24°55	12°13	7°40	27°51	20°48	16°D56	15°57	6°12	4°53	T 21
F 22	0 5 2	29°20'13	17° 3	11°53	1°36	12° 1	25° 1	12°20	7°43	27°53	20°47	16°R56	15°53	6°19	4°50	F 22
S 23	0 8 59	0 <b>ჲ</b> 19'09	1 <b>\O</b> 11	12°36	0°59	12°41	25° 7	12°28	7°47	27°55	20°46	16°56	15°50	6°26	4°47	S 23
S 24	0 12 55	1°18'08	15°19	13°28	0°23	13°21	25°13	12°35	7°50	27°57	20°46	16°53	15°47	6°32	4°44	S 24
M25	0 16 52	2°17'09	29°24	14°27	29 <b>M</b> 46	14° 1	25°19	12°42	7°54	27°59	20°45	16°48	15°44	6°39	4°42	M25
T 26	0 20 48	3°16'12	13 <b>m</b> 23	15°33	29° 9	14°41	25°25	12°49	7°58	28° 1	20°44	16°39	15°41	6°45	4°39	T 26
W27	0 24 45	4°15'17	27°11	16°46	28°34	15°21	25°32	12°57	8° 1	28° 3	20°44	16°29	15°38	6°52	4°36	W27
T 28	0 28 41	5°14'24	10 <b>≏</b> 44	18° 4	27°59	16° 1	25°39	13° 4	8° 4	28° 5	20°43	16°16	15°34	6°59	4°33	T 28
F 29	0 32 38	6°13'33	24° 1	19°28	27°25	16°41	25°46	13°11	8° 8	28° 7	20°42	16° 4	15°31	7° 5	4°30	F 29
S 30	0 36 34	7 <b>≙</b> 12'44	6M58	20 <b>m</b> 55	26 M 52	17 <b>≏</b> 21	25 <b>₹</b> 53	13 <b>≏</b> 19	8 <b>m</b> )11	28 <b>º</b> 9	20841	15952	15928	7 <b>궁</b> 12	4 <b>℃</b> 27	S 30

Day	0	D	ğ	Q	♂	4	ħ	)Å(	<del>1</del> f	Р	w u	ţ	ķ
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl de	el decl	decl lat
F 1	8n16	1 s32 5n 3				23 s16 On 3			8 s 5 3 1 n 4 5		2 22n13 22n2		4n50 2n46
S 2	7 54	6 25 5 2	1 2 4 1	8 9 45 6 53	1 5 0 42	23 17 0 3	1 53 2 17	9 49 0 44	8 54 1 45		22 14 22 2		4 49 2 46
S 3		10 53 4 42			0 49 0 41			9 48 0 44	8 54 1 45		22 14 22 2		4 48 2 46
M 4 T 5		14 47 4 10 18 0 3 20		0 10 1 7 12 4 10 7 7 22	0 33 0 41 0 17 0 40	23 17 0 3 23 17 0 3		9 47 0 44 9 45 0 44	8 55 1 45 8 55 1 44		22 15 22 2 22 15 22 2		4 47 2 46 4 46 2 46
W 6	6 25			55 10 12 7 30		23 18 0 3		9 44 0 44	8 56 1 44		22 15 22 2		4 45 2 46
T 7	6 3	21 53 1 37	1 14 3 4	14 10 16 7 39		23 18 0 3	2 6 2 16	9 42 0 44	8 57 1 44		22 15 22 2		4 44 2 46
F 8		22 24 0 35				23 18 0 3		9 41 0 44	8 57 1 44		22 15 22 2		4 43 2 46
S 9	5 17	21 54 0s29	2 27 3 1	7 10 20 7 54	0 48 0 38	23 19 0 2	2 12 2 16	9 40 0 44	8 58 1 44	4 5 14 24	22 15 22 2	22 21	4 42 2 46
S 10	4 55	20 23 1 32	3 5 3	1 10 20 8 2	1 4 0 38	23 19 0 2	2 15 2 16	9 38 0 44	8 59 1 44	4 5 14 25	22 15 22 2	8 22 22	4 41 2 46
M11		17 55 2 32			1 20 0 37				8 59 1 44		22 16 22 2		4 40 2 46
T 12 W13	-	14 33 3 26 10 28 4 10	1	26 10 15 8 14 6 10 10 8 19		23 19 0 2 23 20 0 2			9 0 1 44 9 1 1 44		5 22 17 22 2 5 22 18 22 2		4 39 2 46 4 38 2 46
T 14	3 46 3 23	10 28 4 10 5 48 4 42		6 10 10 8 19 17 10 4 8 24		23 20 0 2 23 20 0 2		9 34 0 44 9 33 0 44	9 1 1 44 9 2 1 44		22 18 22 2		4 38 2 46 4 37 2 46
F 15	2 59	0 47 5 (		27 9 57 8 28		23 20 0 2		9 31 0 44	9 2 1 44		22 21 22 3		4 36 2 46
S 16	2 36	4n21 5	6 28 1	7 9 48 8 31	2 40 0 35	23 21 0 2	2 31 2 16	9 30 0 44	9 3 1 44	4 3 14 26	22 22 22 3	22 25	4 34 2 46
S 17	2 13	9 21 4 45	6 52 0 4	9 38 8 33	2 56 0 34	23 21 0 1	2 34 2 16	9 29 0 44	9 4 1 44	4 3 14 26	22 23 22 3	0 22 26	4 33 2 46
M18		13 56 4 12		28 9 26 8 35		23 21 0 1	2 37 2 16	9 27 0 44	9 4 1 44		22 24 22 3		4 32 2 46
T 19	-	17 47 3 24			3 29 0 33		2 40 2 16	9 26 0 44	9 5 1 44		22 24 22 3		4 31 2 46
W20 T 21	0 39	20 38 2 24 22 13 1 14		7 8 59 8 35 23 8 43 8 33		23 22 0 1 23 22 0 1	2 43 2 16 2 46 2 16		9 6 1 44 9 7 1 44		22 25 22 3		4 30 2 46 4 29 2 46
F 22	0 16	_		88 8 27 8 31		23 22 0 1	2 48 2 16		9 7 1 44		22 25 22 3		4 28 2 46
S 23	0 s 8					23 23 0 1	2 51 2 16		9 8 1 44		22 25 22 3		4 26 2 46
S 24	0 31	18 34 2 24	7 29 1	3 7 51 8 24	4 49 0 30	23 23 0 1	2 54 2 16	9 19 0 44	9 9 1 44	4 0 14 28	22 25 22 3	3 22 30	4 25 2 46
M25	0 55	14 54 3 25	7 16 1 1	4 7 31 8 19	5 5 0 30	23 24 0 0	2 57 2 15	9 18 0 44	9 10 1 44	4 0 14 28	22 26 22 3	3 22 30	4 24 2 46
T 26	-	10 25 4 12		24 7 11 8 13	5 21 0 29		3 0 2 15	9 17 0 44	9 10 1 44		22 27 22 3		4 23 2 46
W27	1 42	5 28 4 44		82 6 51 8 6		23 24 0 0	3 3 2 15	9 16 0 44	9 11 1 44		22 28 22 3		4 22 2 45
T 28	2 5	0 20 4 59	_	6 30 7 58		23 25 0 0		9 14 0 44	9 12 1 44		22 30 22 3		4 20 2 45
F 29	2 29	4 s 4 3 4 5 8				23 25 0s 0		9 13 0 44	9 13 1 44		22 31 22 3		4 19 2 45
S 30	2 s52	9 s 26 4 n 4 1	5n17 1n4	19 5 s 47 7 s 41	6 s25 0n27	23 s25 0 s 0	3s11 2n15	9n12 0n44	9s13 1n44	3n38 14s29	22n33 22n3	22833	4n18 2n45

 $\label{eq:Julian Day Number = 2315918.5, Delta T = 59.03 sec} \\ Ecliptic obliquity = 23°29'13, Nutation = -0°00'16, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 19°33'27, Lahiri = 18°40'28Greg. Calendar$ 

OCTOBER 1628 GC 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂	4	ħ	)∤(	¥	Р	n	Ω	Ç	ę,	Day
S 1	0 40 31	8 <b>≏</b> 11'57	19 <b>M</b> .36	22 Mp 26	26°R21	18 <b>♀</b> 1	26 <b>₹</b> 0	13 <b>≏</b> 26	8 <b>m</b> 15	28₽11	20°R41	15°R42	15925	7 <b>る</b> 19	4°R25	S 1
M 2	0 44 27	9°11'12	1 <b>₹</b> 56	24° 0	25 m 51	18°41	26° 7	13°33	8°18	28°14	20840	15935	15°22	7°25	$4\Upsilon22$	M 2
T 3	0 48 24	10°10'29	14° 2	25°37	25°23	19°21	26°15	13°41	8°21	28°16	20°39	15°30	15°18	7°32	4°19	T 3
W 4	0 52 21	11° 9'48	25°56	27°15	24°57	20° 2	26°22	13°48	8°25	28°18	20°38	15°28	15°15	7°39	4°16	W 4
T 5	0 56 17	12° 9'09	7 <b>云</b> 45	28°56	24°33	20°42	26°30	13°55	8°28	28°20	20°37	15°27	15°12	7°45	4°13	T 5
F 6	1 0 14	13° 8'31	19°33	0 <u>ჲ</u> 37	24°11	21°23	26°38	14° 3	8°31	28°22	20°36	15°27	15° 9	7°52	4°11	F 6
S 7	1 4 10	14° 7'55	1≈27	2°19	23°51	22° 3	26°46	14°10	8°35	28°24	20°36	15°26	15° 6	7°59	4° 8	S 7
S 8	1 8 7	15° 7'21	13°31	4° 2	23°34	22°43	26°54	14°17	8°38	28°27	20°35	15°24	15° 3	8° 5	4° 5	S 8
M 9	1 12 3	16° 6'49	25°50	5°46	23°19	23°24	27° 3	14°25	8°41	28°29	20°34	15°20	14°59	8°12	4° 2	M 9
T 10	1 16 0	17° 6'18	8 <b>∺</b> 29	7°30	23° 7	24° 5	27°11	14°32	8°44	28°31	20°33	15°12	14°56	8°19	4° 0	T 10
W11	1 19 56	18° 5'50	21°29	9°13	22°57	24°45	27°20	14°39	8°47	28°33	20°32	15° 3	14°53	8°25	3°57	W11
T 12	1 23 53	19° 5'23	4 <b>Υ</b> 51	10°57	22°49	25°26	27°28	14°46	8°50	28°35	20°31	14°51	14°50	8°32	3°54	T 12
F 13	1 27 50	20° 4'58	18°34	12°41	22°44	26° 7	27°37	14°54	8°53	28°38	20°30	14°38	14°47	8°38	3°52	F 13
S 14	1 31 46	21° 4'35	2 <b>8</b> 33	14°24	22°41	26°47	27°46	15° 1	8°57	28°40	20°29	14°26	14°43	8°45	3°49	S 14
S 15	1 35 43	22° 4'15	16°45	16° 7	22°D41	27°28	27°55	15° 8	9° 0	28°42	20°28	14°16	14°40	8°52	3°46	S 15
M16	1 39 39	23° 3'56	1 <b>I</b> I 4	17°49	22°43	28° 9	28° 5	15°16	9° 3	28°44	20°27	14° 8	14°37	8°58	3°44	M16
T 17	1 43 36	24° 3'40	15°24	19°31	22°48	28°50	28°14	15°23	9° 5	28°47	20°26	14° 2	14°34	9° 5	3°41	T 17
W18	1 47 32	25° 3'26	29°41	21°13	22°55	29°31	28°23	15°30	9°8	28°49	20°25	14° 0	14°31	9°12	3°39	W18
T 19	1 51 29	26° 3'15	139554	22°54	23° 4	0 <b>M</b> .12	28°33	15°37	9°11	28°51	20°24	13°D59	14°28	9°18	3°36	T 19
F 20	1 55 25	27° 3'05	27°59	24°35	23°15	0°53	28°43	15°45	9°14	28°53	20°23	14°R 0	14°24	9°25	3°34	F 20
S 21	1 59 22	28° 2'58	11 <b>Ω</b> 58	26°15	23°29	1°34	28°52	15°52	9°17	28°56	20°22	13°59	14°21	9°32	3°31	S 21
S 22	2 3 19	29° 2'54	25°48	27°55	23°44	2°15	29° 2	15°59	9°20	28°58	20°21	13°56	14°18	9°38	3°29	S 22
M23	2 7 15	OM 2'51	9 <b>m</b> /30	29°34	24° 2	2°56	29°12	16° 6	9°22	29° 0	20°20	13°51	14°15	9°45	3°26	M23
T 24	2 11 12	1° 2'50	23° 3	1 <b>m</b> 13	24°21	3°38	29°22	16°14	9°25	29° 2	20°19	13°43	14°12	9°52	3°24	T 24
W25	2 15 8	2° 2'52	6 <b>₽</b> 26	2°51	24°43	4°19	29°33	16°21	9°28	29° 5	20°18	13°33	14° 9	9°58	3°21	W25
T 26	2 19 5	3° 2'56	19°37	4°28	25° 6	5° 0	29°43	16°28	9°30	29° 7	20°17	13°21	14° 5	10° 5	3°19	T 26
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S 29	2 30 54	6° 3'18	27°44	9°19	26°27	7° 5	0°15	16°49	9°38	29°14	20°14	12°46	13°56	10°25	3°12	S 29
M30	2 34 51	7° 3'29	9 <b>∡</b> 757	10°54	26°57	7°46	0°25	16°56	9°40	29°16	20°13	12°39	13°53	10°31	3°10	M30
T 31	2 38 48	8M 3'42	21 <b>×</b> 759	12MJ30	27 <b>m</b> 29	8M28	0 <b>궁</b> 36	17 <b>♀</b> 3	9 <b>m</b> 43	29 <b>≏</b> 18	20811	12934	139549	10 <b>る</b> 38	3 <b>Υ</b> 8	T 31

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S 22 M23 T 24 W25 T 26 F 27 S 28	11 9 11 31 11 52 12 13 12 33 12 54 13 14	11 53 4 10 7 5 4 43 2 1 5 0 3 s 3 5 0 7 55 4 45	10 48 0 34 11 29 0 28 12 9 0 21 12 49 0 14 13 27 0 8	0 4 2 22 12 0 2 2 10 13 0 1 1 58 13	18 0 14 32 0 14 47 0 13 1 0 12 16 0 12	3     31     0     2       4     23     32     0     3       4     23     32     0     3       5     23     32     0     3       2     23     32     0     3       2     23     32     0     3       2     23     32     0     3       23     32     0     3	4 13 2 16 4 15 2 16 4 18 2 16 4 21 2 16 4 23 2 16 4 26 2 16 4 29 2 16	8 47 0 45 8 46 0 45 8 45 0 45 8 44 0 45 8 43 0 45 8 42 0 45 8 41 0 45	9 33 1 44 9 34 1 44	3 50 14 32 3 50 14 32 3 49 14 32 3 49 14 32 3 49 14 32	22 45 22 4 22 46 22 4 22 47 22 4 22 48 22 4 22 49 22 4 22 50 22 4	13 22 43 14 22 44 14 22 44 14 22 45 15 22 45	3 51 2 43 3 50 2 42 3 49 2 42 3 48 2 42
S 29 M30 T 31	13 54	19 16 2 45	14 43 0s 6 15 20 0 12 15 s55 0s19	0 5 1 24 13	58 0 10	23 32 0 3 23 32 0 3 23 s32 0 3 23 s32 0 s 3	4 31 2 16 4 34 2 17 4s37 2n17	8 40 0 45 8 39 0 45 8n38 0n45	9 37 1 44	3 48 14 32	22 52 22 4 22 53 22 4 22n54 22n4	16 22 46	3 44 2 41

Julian Day Number = 2315948.5, Delta T = 58.97 sec Ecliptic obliquity =  $23^{\circ}29'13$ , Nutation =  $-0^{\circ}00'17$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $19^{\circ}33'31$ , Lahiri =  $18^{\circ}40'32$ Greg. Calendar

NOVEMBER 1628 GC 00:00 UT

Day   Sidt   Co   Jo   Sp   Sp   Sp   Sp   Sp   Sp   Sp   S																	
$\begin{array}{c} T \geq 2 & 2464 & 1 & 10^{\circ} & 4112 & 15^{\circ} 38 & 15^{\circ} 40 & 28^{\circ} 36 & 9^{\circ} 51 & 0^{\circ} 58 & 17^{\circ} 17 & 9^{\circ} 47 & 29^{\circ} 22 & 200^{\circ} 5 & 12^{\circ} 231 & 13^{\circ} 43 & 10^{\circ} 51 & 3^{\circ} 7 & 3 & T & F & 3 \\ S \neq 2 & 524 & 34 & 12^{\circ} & 449 & 9\infty & 17 & 18^{\circ} 48 & 29^{\circ} 50 & 11^{\circ} 15 & 1^{\circ} 21 & 17^{\circ} 34 & 9^{\circ} 50 & 29^{\circ} 25 & 20^{\circ} 8 & 12^{\circ} 233 & 13^{\circ} 40 & 10^{\circ} 58 & 3^{\circ} 1 & F & 3 \\ S \neq 2 & 524 & 34 & 12^{\circ} & 449 & 9\infty & 17 & 18^{\circ} 48 & 29^{\circ} 50 & 11^{\circ} 15 & 1^{\circ} 12 & 17^{\circ} 31 & 9^{\circ} 52 & 29^{\circ} 27 & 20^{\circ} 7 & 12^{\circ} 83 & 13^{\circ} 37 & 11^{\circ} 5 & 2^{\circ} 9 & 8 & 4 \\ S \neq 5 & 258 & 30 & 13^{\circ} & 510 & 21^{\circ} 20 & 20^{\circ} 22 & 0^{\circ} 22 & 10^{\circ} 28 & 11^{\circ} 56 & 1^{\circ} 32 & 17^{\circ} 38 & 9^{\circ} 54 & 29^{\circ} 29 & 20^{\circ} 6 & 12^{\circ} 32 & 13^{\circ} 34 & 11^{\circ} 11 & 2^{\circ} 57 & 8 & 12^{\circ} 38 & 17^{\circ} 45 & 17^{\circ} 52 & 9^{\circ} 86 & 29^{\circ} 31 & 20^{\circ} 5 & 12^{\circ} 30 & 13^{\circ} 30 & 11^{\circ} 18 & 2^{\circ} 55 & 16^{\circ} 17 & 23^{\circ} 28 & 12^{\circ} 33 & 11^{\circ} 18^{\circ} 34 & 11^{\circ} 11 & 2^{\circ} 57 & 17^{\circ} 18 & 12^{\circ} 38 & 11^{\circ} 18^{\circ} 34 & 11^{\circ} 11 & 2^{\circ} 18^{\circ} 18^{\circ} 34 & 11^{\circ} 11 & 2^{\circ} 18^{\circ} 34 & 11^{\circ} 18^{\circ} 34 & 11^{\circ} 11 & 2^{\circ} 18^{\circ} 34 &$	Day	Sid.t	0	D	ğ	φ	ď	4	ħ	)∤(	卉	Р	n	v	Ç	ę,	Day
F 3 2 50 37 11° 430 27°25 17°14 29°12 10°33 1° 9 17°24 9°50 29°25 20° 8 12©32 13°40 10°58 3° 1 F 3 8 4 2 53 43 12° 449 9°817 18°48 29°50 11°15 1°21 17°31 9°52 29°27 20° 7 12°83 13°37 11° 5 2°59 8 4 8 8 5 2 58 30 13° 570 21°20 20°22 00°28 11°56 11°21 17°31 9°52 29°29 20° 6 12°32 13°34 11° 11° 1 2°57 8 5 8 10° 10° 10° 10° 10° 10° 10° 10° 10° 10°	W 1	2 42 44	9M 3'56	3 <b>ප</b> 51	14M 5	28 <b>m</b> ) 2	9 <b>™</b> 9	0 <b>궁</b> 47	17 <b>≏</b> 10	9 <b>m</b> 45	29 <b>₽</b> 20	20°R10	12°R32	139546	10 <b>궁</b> 45		W 1
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S 5 2 58 30 13° 5'10 21°20 20°22 0228 11°56 1°32 17°38 9°54 29°29 20° 6 12°32 13°34 11°11 2°55 S 5 M 6 3 2 27 14° 5'31 3\text{3.8} 3\text{4.8} 21°55 1° 8 12°38 1°43 17°45 9°56 29°31 20° 5 12°30 13°30 11°18 2°55 M 6 T 7 3 6 23 15° 5'55 16°17 23°28 1°49 13°20 1°55 17°52 9°58 29°33 20° 4 12°26 13°27 11°25 2°53 T 7 M 8 3 10°20 16° 6'19 29°21 25° 1 2°31 14° 2 2° 6 17°58 10° 0 29°36 20° 3 12°19 13°24 11°31 2°52 W 8 T 9 3 14 17 17° 6'45 12°Y50 26°33 3°14 14°44 2°18 18° 5 10° 2 29°38 20° 1 12°11 13°21 11°38 2°50 T 9 F 10 3 18 13 18° 7'13 26°45 28° 5 3°59 15°26 2°30 18°12 10° 4 29°40 20° 0 12° 2 13°18 11°45 22°48 F 10 11° 11° 11° 11° 11° 11° 11° 11° 11°	F 3	2 50 37	11° 4'30	27°25		29°12	10°33	1° 9	17°24				-				F 3
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T 14         3 33 59         22° 9'19         25° 9         4°11         7° 6         18°15         3°17         18°38         10°12         29°48         19°56         11°36         13° 5         12°11         2°41         T 14           W15         3 37 56         23° 9'55         9951         5°42         7°55         18°57         3°30         18°45         10°13         29°51         19°55         11°035         13° 2         12°18         2°40         W15           T 16         3 41 52         24°10'32         24°22         7°13         8°45         19°39         3°42         18°51         10°15         29°53         19°54         11°35         12°59         12°24         2°38         T 16           F 17         3 45 49         25°11'11         8Q40         8°43         9°35         20°22         3°54         18°58         10°17         29°55         19°52         11°36         12°55         12°31         2°37         F 17           S 18         3 49 46         26°11'52         22°41         10°13         10°27         21° 4         4° 6         19° 4         10°18         29°57         19°51         11°837         12°49         2°44         2°34         S 19	S 12	3 26 6					16°50					19°58	-	_			S 12
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S 18	19 20	17 11 3 24	24 1 2 1	3 0 1 15 18	5 0 1	23 30	0 5	5 20	2 19	8 25	0 46	9 51	1 44	3 42 14 3	2 22 59	22 52	22 52	3 27	2 38
S 19	19 34	13 5 4 14	24 17 2 4	3 15 1 21 18	17 0 2	23 30	0 5	5 23	2 19	8 25	0 46	9 52	1 44	3 42 14 3	2 22 59	22 52	22 52	3 26	2 38
M20	19 48	-	3 24 33 2 8			3 23 30	0 5	5 25	2 19	8 24	0 46	9 53	1 44	3 42 14 3				3 25	2 38
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	21 35		25 49 2 23			3 23 26	0 6	5 44	2 20	8 21	0 46		1 44	3 40 14 3		22 55		3 20	2 36
T 30	21 s45	22 s32 1 s11	25 s50 2 s22	6 s 2 3 2 n 1 3 2 0 s	15 Os 9	23 s25	0s 6	5 s46	2n21	8n20	0n46	9 s 5 9	1n44	3n40 14s3	1 23n 3	22n55	22 s54	3n20	2n36

 $\label{eq:Julian Day Number = 2315979.5, Delta T = 58.90 sec} \\ Ecliptic obliquity = 23°29'13, Nutation = -0°00'18, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 19°33'36, Lahiri = 18°40'36Greg. Calendar \\ \\$ 

DECEMBER 1628 GC 00:00 UT

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F 1	4 41 1	9 <b>~</b> 122'54	5≈37	28 <b>×</b> 52	22 <u>₽</u> 36	0 <b>₹</b> 20	6 <b>ප</b> 53	20 <u>₽</u> 22	10 <b>m</b> 33	0 <b>M</b> 22	19°R37	10952	129511	14る 4	2°R22	F 1
S 2	4 44 57	10°23'52	17°29	0 <b>궁</b> 10	23°36	1° 4	7° 6	20°27	10°34	0°24	19836	10°54	12° 8	14°11	2 <b>Y</b> 21	S 2
S 3	4 48 54	11°24'51	29°29	1°26	24°37	1°47	7°19	20°33	10°35	0°26	19°35	10°56	12° 5	14°17	2°21	S 3
M 4	4 52 50	12°25'51	11 <b>) (</b> 44	2°40	25°37	2°30	7°32	20°38	10°36	0°28	19°34	10°R56	12° 1	14°24	2°20	M 4
T 5	4 56 47	13°26'51	24°19	3°51	26°39	3°13	7°46	20°44	10°36	0°30	19°33	10°56	11°58	14°31	2°20	T 5
W 6	5 0 44	14°27'52	7 <b>Υ</b> 17	4°59	27°40	3°56	7°59	20°49	10°37	0°31	19°32	10°54	11°55	14°37	2°19	W 6
T 7	5 4 40	15°28'54	20°42	6° 2	28°42	4°40	8°12	20°54	10°37	0°33	19°31	10°51	11°52	14°44	2°19	T 7
F 8	5 8 37	16°29'56	4 <b>8</b> 35	7° 2	29°45	5°23	8°26	20°59	10°38	0°35	19°30	10°47	11°49	14°51	2°18	F 8
S 9	5 12 33	17°30'58	18°55	7°56	0 <b>™</b> 47	6° 7	8°39	21° 5	10°38	0°36	19°29	10°44	11°46	14°57	2°18	S 9
S 10	5 16 30	18°32'01	3Ⅲ38	8°45	1°50	6°50	8°53	21°10	10°39	0°38	19°28	10°41	11°42	15° 4	2°18	S 10
M11	5 20 26	19°33'05	18°37	9°27	2°54	7°34	9° 6	21°15	10°39	0°40	19°27	10°39	11°39	15°11	2°18	M11
T 12	5 24 23	20°34'10	39545	10° 1	3°58	8°17	9°20	21°19	10°39	0°41	19°26	10°D38	11°36	15°17	2°18	T 12
W13	5 28 19	21°35'15	18°50	10°28	5° 2	9° 1	9°34	21°24	10°39	0°43	19°25	10°38	11°33	15°24	2°D18	W13
T 14	5 32 16	22°36'21	3 <b>Ω</b> 46	10°45	6° 6	9°44	9°47	21°29	10°39	0°44	19°24	10°38	11°30	15°30	2°18	T 14
F 15	5 36 13	23°37'27	18°24	10°R52	7°11	10°28	10° 1	21°34	10°39	0°46	19°23	10°40	11°27	15°37	2°18	F 15
S 16	5 40 9	24°38'34	2 <b>m</b> /41	10°48	8°16	11°12	10°15	21°38	10°R39	0°48	19°22	10°41	11°23	15°44	2°18	S 16
S 17	5 44 6	25°39'42	16°35	10°33	9°21	11°56	10°28	21°43	10°39	0°49	19°22	10°42	11°20	15°50	2°18	S 17
M18	5 48 2	26°40'51	0 <b>호</b> 6	10° 6	10°27	12°40	10°42	21°47	10°39	0°50	19°21	10°R42	11°17	15°57	2°18	M18
T 19	5 51 59	27°42'00	13°15	9°28	11°33	13°23	10°56	21°52	10°39	0°52	19°20	10°41	11°14	16° 4	2°19	T 19
W20	5 55 55	28°43'10	26° 5	8°38	12°39	14° 7	11°10	21°56	10°39	0°53	19°19	10°40	11°11	16°10	2°19	W20
T 21	5 59 52	29°44'20	8 <b>M</b> .39	7°38	13°45	14°51	11°24	22° 0	10°39	0°55	19°18	10°39	11° 7	16°17	2°20	T 21
F 22	6 3 48	0 <b>중</b> 45'31	20°59	6°29	14°52	15°35	11°38	22° 4	10°38	0°56	19°17	10°37	11° 4	16°24	2°20	F 22
S 23	6 7 45	1°46'43	3 <b>∡</b> 7 9	5°13	15°59	16°20	11°51	22° 8	10°38	0°57	19°16	10°36	11° 1	16°30	2°21	S 23
S 24	6 11 42	2°47'55	15° 9	3°53	17° 6	17° 4	12° 5	22°12	10°37	0°59	19°16	10°35	10°58	16°37	2°21	S 24
M25	6 15 38	3°49'07	27° 3	2°31	18°13	17°48	12°19	22°16	10°37	1° 0	19°15	10°34	10°55	16°44	2°22	M25
T 26	6 19 35	4°50'19	8 <b>궁</b> 53	1°11	19°20	18°32	12°33	22°20	10°36	1° 1	19°14	10°D34	10°52	16°50	2°23	T 26
W27	6 23 31	5°51'31	20°40	29 <b>×</b> 753	20°28	19°16	12°47	22°23	10°36	1° 2	19°13	10°34	10°48	16°57	2°23	W27
T 28	6 27 28	6°52'43	2≈27	28°42	21°36	20° 1	13° 1	22°27	10°35	1° 4	19°13	10°34	10°45	17° 3	2°24	T 28
F 29	6 31 24	7°53'55	14°17	27°38	22°44	20°45	13°15	22°30	10°34	1° 5	19°12	10°35	10°42	17°10	2°25	F 29
S 30	6 35 21	8°55'07	26°11	26°43	23°52	21°29	13°29	22°34	10°34	1° 6	19°11	10°35	10°39	17°17	2°26	S 30
S 31	6 39 18	9 <b>ප්</b> 56'18	8 <b>∺</b> 15	25 <b>×</b> 758	25 <b>M</b> 1	22 <b>×</b> 14	13 <b>る</b> 43	22 <b>£</b> 37	10 <b>m</b> 33	1 <b>m</b> 7	19 <b>8</b> 11	10935	10936	17 <b>る</b> 23	2 <b>Y</b> 27	S 31

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F 1 S 2	21 s54 22 3					23 s25 0s 6 23 24 0 6	5 s48 2n21 5 50 2 21	8n20 0n46 8 20 0 46		3n40 14s31 3 40 14 31	23n 2 22n50 23 2 22 50		3n19 2n35 3 19 2 35
S 3 M 4 T 5 W 6 T 7 F 8	22 12 22 20 22 28 22 35 22 42 22 48	11 24 4 35 6 53 5 2 1 55 5 14 3n18 5 10	25 40 2 25 34 2 25 27 2 25 18 1	13 7 40 2 26 8 7 59 2 29 3 8 19 2 31 57 8 38 2 34	20 53 0 11 21 2 0 12 21 11 0 12 21 20 0 13	23 23 0 6 23 23 0 7 23 22 0 7 23 21 0 7 23 21 0 7 23 20 0 7	5 52 2 21 5 54 2 21 5 55 2 22 5 57 2 22 5 59 2 22 6 1 2 22	8 20 0 46 8 19 0 46	10 1 1 45 10 2 1 45 10 3 1 45 10 3 1 45	3 40 14 31 3 40 14 31 3 40 14 30 3 40 14 30 3 39 14 30 3 39 14 30	23 2 22 5° 23 2 22 5° 23 2 22 5° 23 3 22 5°	7 22 55 7 22 55 7 22 55 7 22 56	3 18 2 35 3 18 2 35 3 17 2 35 3 17 2 34 3 17 2 34 3 16 2 34
S 9 S 10 M11	22 54 22 59 23 4	13 30 4 8 17 48 3 10 21 2 1 59	24 56 1 24 44 1 24 31 1	42 9 18 2 38 32 9 38 2 40 22 9 58 2 42	21 36 0 14 21 44 0 15 21 52 0 15	23 19 0 7 23 18 0 7 23 18 0 7	6 2 2 22 6 4 2 23 6 6 2 23	8 19 0 47 8 19 0 47 8 18 0 47	10 4 1 45 10 5 1 45 10 5 1 45	3 39 14 30 3 39 14 30 3 39 14 29	23 3 22 58 23 3 22 58 23 4 22 58	3 22 56 3 22 56 3 22 56	3 16 2 34 3 16 2 33 3 15 2 33
T 12 W13 T 14 F 15 S 16	23 17 23 20	22 54 0n45 21 22 2 5 18 25 3 14	24 1 0 23 45 0 23 29 0	27 11 18 2 47	22 7 0 17 22 14 0 17 22 21 0 18	23 17 0 7 23 16 0 7 23 15 0 7 23 14 0 8 23 13 0 8	6 7 2 23 6 9 2 23 6 11 2 23 6 12 2 24 6 14 2 24	8 18 0 47 8 18 0 47 8 18 0 47 8 18 0 47 8 18 0 47	10 6 1 45 10 7 1 45 10 7 1 45	3 39 14 29 3 39 14 29 3 39 14 29 3 39 14 29 3 39 14 28	23 4 22 59 23 4 22 59 23 3 23 0	22 56	3 15 2 33 3 15 2 33 3 15 2 33 3 15 2 32 3 15 2 32
S 17 M18 T 19 W20 T 21 F 22 S 23	23 25 23 27 23 28 23 29 23 29 23 29 23 28	4 43 5 12 0s23 5 17 5 21 5 6 9 59 4 40 14 9 4 2	22 39 0 22 23 0 22 6 1 21 50 1	27 12 18 2 50 46 12 38 2 50 6 12 57 2 51 26 13 17 2 51 45 13 36 2 51	22 41 0 20 22 47 0 20 22 53 0 21 22 59 0 22	23 7 0 8	6 15 2 24 6 17 2 24 6 18 2 25 6 19 2 25 6 21 2 25 6 22 2 25 6 23 2 25	8 19 0 47 8 19 0 47	10 9 1 45 10 9 1 45 10 10 1 45 10 10 1 45 10 10 1 45	3 39 14 28 3 39 14 28 3 39 14 28 3 39 14 27 3 39 14 27 3 39 14 27 3 39 14 27	23 3 23 0 23 3 23 23 3 23 23 4 23 23 4 23	0 22 57 0 22 57 1 22 57 1 22 57 1 22 57 1 22 57 1 22 57 2 22 57	3 14 2 32 3 14 2 32 3 14 2 32 3 14 2 31 3 14 2 31 3 14 2 31 3 14 2 31
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 $\label{eq:Julian Day Number = 2316009.5, Delta T = 58.83 sec} \\ Ecliptic obliquity = 23°29'13, Nutation = -0°00'18, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 19°33'40, Lahiri = 18°40'40Greg. Calendar$