

# Astrodienst Ephemeris Tables for the year 1656

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 1656 GC 00:00 UT

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S 1	6 41 8	10 ට 23'46	26≈41	17 <b>₹</b> 26	2 <b>₹</b> 33	28 <b>ℋ</b> 0	20 <b>Y</b> 54	22 Mp 45	9 <b>ප</b> 27	28 <b>×</b> 15	15°R39	27 <b>중</b> 27	28 <b>중</b> 22	6≈ 5	6 <b>₹</b> 2	S 1
S 2 M 3	6 45 5 6 49 1	11°24'57 12°26'07	8 <b>)</b> €31 20°30	18°19 19°15	2°59 3°27	28°40 29°20	20°57 21° 1	22°R45 22°45	9°31 9°34	28°18 28°20	15 <b>Ⅲ</b> 38 15°37	27°28 27°30	28°19 28°16	6°11 6°18	6° 8 6°15	S 2 M 3
T 4	6 52 58	13°27'17	2 <b>Υ</b> 41	20°15	3°56	$0$ $\gamma$ 1	21° 4	22°45	9°38	28°22	15°36	27°31	28°13	6°25	6°21	T 4
W 5	6 56 55	14°28'27	15° 9	21°18	4°27	0°41	21° 8	22°45	9°42	28°24	15°35	27°R31	28° 9	6°31	6°28	W 5
T 6 F 7	7 0 51	15°29'35 16°30'44	27°58	22°24 23°32	5° 0 5°34	1°22 2° 2	21°13 21°17	22°44 22°44	9°45 9°49	28°26 28°29	15°34 15°33	27°31 27°30	28° 6	6°38 6°44	6°34 6°41	T 6 F 7
S 8	7 4 48 7 8 44	17°31'52	11 <b>8</b> 12 24°53	23°32 24°42	6° 9	2°43	21°17 21°22	22°44 22°43	9°52	28°29 28°31	15°32	27°29	28° 3 28° 0	6°51	6°47	S 8
S 9	7 12 41	18°32'59	9Д 3	25°55	6°46	3°23	21°26	22°43	9°56	28°33	15°31	27°27	27°57	6°58	6°53	S 9
M10	7 16 37	19°34'05	23°38	27° 9	7°24	4° 4	21°31	22°42	9°59	28°35	15°30	27°26	27°54	7° 4	6°59	M10
T 11 W12	7 20 34 7 24 30	20°35'11 21°36'17	8 <b>9</b> 33 23°42	28°24 29°42	8° 3 8°44	4°45 5°25	21°37 21°42	22°41 22°40	10° 3 10° 6	28°37 28°39	15°29 15°28	27°26 27°D25	27°50 27°47	7°11 7°18	7° 5 7°12	T 11 W12
T 13	7 24 30	21°30'17 22°37'22	8 <b>Ω</b> 54	1중 0	9°26	6° 6	21°47	22°39	10° 10	28°41	15°27	27°25	27°44	7°24	7°18	T 13
F 14	7 32 24	23°38'26	24° 0	2°20	10° 8	6°46	21°53	22°37	10°14	28°44	15°26	27°26	27°41	7°31	7°24	F 14
S 15	7 36 20	24°39'30	8 <b>m</b> 52	3°41	10°52	7°27	21°59	22°36	10°17	28°46	15°25	27°26	27°38	7°38	7°29	S 15
S 16	7 40 17	25°40'33	23°22	5° 3	11°37	8° 7	22° 5	22°35	10°21	28°48	15°24	27°26	27°35	7°44	7°35	S 16
M17	7 44 13	26°41'36	7 <u>₽</u> 29	6°26	12°23	8°48	22°11	22°33	10°24	28°50	15°23	27°26	27°31	7°51	7°41	M17
T 18 W19	7 48 10 7 52 6	27°42'38 28°43'40	21°10 4M26	7°50 9°15	13°10 13°58	9°28 10° 9	22°17 22°24	22°31 22°30	10°27 10°31	28°52 28°54	15°23 15°22	27°26 27°26	27°28 27°25	7°58 8° 4	7°47 7°53	T 18 W19
T 20	7 56 3	29°44'42	17°20	10°41	14°46	10°50	22°31	22°28	10°34	28°56	15°21	27°26	27°22	8°11	7°58	T 20
F 21	7 59 59	0≈45'43	29°55	12° 8	15°36	11°30	22°37	22°26	10°38	28°58	15°20	27°27	27°19	8°18	8° 4	F 21
S 22	8 3 56	1°46'44	12 <b>×</b> 14	13°36	16°26	12°11	22°44	22°24	10°41	29° 0	15°19	27°27	27°15	8°24	8° 9	S 22
S 23	8 7 53	2°47'43	2 <u>4</u> °22	15° 4	17°17	12°51	22°52	22°22	10°45	29° 2	15°19	27°28	27°12	8°31	8°14	S 23
M24	8 11 49	3°48'43	6 <b>궁</b> 20	16°33	18° 9	13°32	22°59	22°19	10°48	29° 4	15°18	27°28	27° 9	8°38	8°20	M24
T 25 W26	8 15 46 8 19 42	4°49'41 5°50'38	18°12 0 <b>≈</b> 1	18° 3 19°33	19° 1 19°54	14°13 14°53	23° 6 23°14	22°17 22°15	10°51 10°55	29° 6 29° 8	15°17 15°17	27°29 27°R29	27° 6 27° 3	8°44 8°51	8°25 8°30	T 25 W26
T 27	8 23 39	6°51'34	11°48	21° 5	20°48	15°34	23°22	22°12	10°58	29°10	15°16	27°29	27° 0	8°57	8°35	T 27
F 28	8 27 35	7°52'29	23°36	22°37	21°42	16°14	23°30	22° 9	11° 1	29°12	15°15	27°28	26°56	9° 4	8°40	F 28
S 29	8 31 32	8°53'23	5 <b>∺</b> 27	24° 9	22°37	16°55	23°38	22° 7	11° 5	29°13	15°15	27°26	26°53	9°11	8°45	S 29
S 30	8 35 28	9°54'16	17°23	25°43	23°33	17°35	23°46	22° 4	11° 8	29°15	15°14	27°24	26°50	9°17	8°50	S 30
M31	8 39 25	10≈55'07	29 <b>米</b> 27	27 <b>궁</b> 17	24 <b>×</b> 29	18 <b>Υ</b> 16	23 <b>Y</b> 55	22 Mp 1	11 <b>궁</b> 11	29 <b>×</b> 17	15 <b>I</b> I13	27 <b>る</b> 22	26 <b>පි</b> 47	9 <b>≈</b> 24	8 <b>才</b> 55	M31

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S 15	21 14	5 0	3 31	23 21	0 5	17 29	4 41	2 58	0 0	7 28	1 12	4 59	2 14	23 25	0 20	22 21	1 8	13 57	8 47	20 43	20 41	17 32	17 45	3 54
S 16	21 3	1 s24	4 24	23 26	0s 3	17 36	4 40	3 15	0n 1	7 31	1 11	5 0	2 14	23 25	0 20	22 21	1 8	13 57	8 47	20 43	20 41	17 29	17 46	3 54
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 $\label{eq:Julian Day Number = 2325901.5, Delta T = 39.14 sec} \\ Ecliptic obliquity = 23°29'06, Nutation = 0°00'16, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 19°56'19, Lahiri = 19°03'20Greg. Calendar$ 

### FEBRUARY 1656 GC 00:00 UT

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T 1	8 43 22	11≈55'57	11 <b>Y</b> 41	28 <b>궁</b> 52	25 <b>₹</b> 26	18 <b>Y</b> 57	24 <b>Y</b> 3	21°R58	11 <b>궁</b> 14	29 <b>×</b> 19	15°R13	27°R20	26 <b>궁</b> 44	9≈31	9 <b>∡</b> 7 0	T 1
W 2	8 47 18	12°56'45	24° 9	0≈28	26°23	19°37	24°12	21 m 55	11°17	29°21	15 <b>Ⅱ</b> 12	27 <b>る</b> 19	26°41	9°37	9° 4	W 2
T 3	8 51 15	13°57'32	6 <b>8</b> 55	2° 4	27°21	20°18	24°21	21°52	11°21	29°22	15°12	27°18	26°37	9°44	9° 9	T 3
F 4	8 55 11	14°58'18	20° 1	3°41	28°19	20°58	24°29	21°48	11°24	29°24	15°11	27°D18	26°34	9°51	9°13	F 4
S 5	8 59 8	15°59'02	3Д31	5°20	29°17	21°39	24°39	21°45	11°27	29°26	15°11	27°19	26°31	9°57	9°18	S 5
S 6	9 3 4	16°59'44	17°26	6°58	0 <b>궁</b> 16	22°19	24°48	21°42	11°30	29°28	15°10	27°20	26°28	10° 4	9°22	S 6
M 7	9 7 1	18° 0'25	19547	8°38	1°16	23° 0	24°57	21°38	11°33	29°29	15°10	27°21	26°25	10°11	9°26	M 7
T 8	9 10 57	19° 1'04	16°31	10°19	2°16	23°40	25° 7	21°35	11°36	29°31	15° 9	27°22	26°21	10°17	9°30	T 8
W 9	9 14 54	20° 1'41	1 <b>Q</b> 33	12° 0	3°16	24°21	25°16	21°31	11°39	29°32	15° 9	27°R22	26°18	10°24	9°35	W 9
T 10	9 18 51	21° 2'17	16°46	13°42	4°17	25° 1	25°26	21°27	11°42	29°34	15° 8	27°22	26°15	10°31	9°39	T 10
F 11	9 22 47	22° 2'51	2 Mg 0	15°25	5°18	25°42	25°36	21°24	11°45	29°36	15° 8	27°19	26°12	10°37	9°42	F 11
S 12	9 26 44	23° 3'24	17° 5	17° 9	6°19	26°22	25°46	21°20	11°48	29°37	15° 8	27°16	26° 9	10°44	9°46	S 12
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M14	9 34 37	25° 4'25	16°13	20°40	8°23	27°43	26° 6	21°12	11°54	29°40	15° 7	27° 8	26° 2	10°57	9°54	M14
T 15	9 38 33	26° 4'53	OM 6	22°26	9°26	28°23	26°16	21° 8	11°56	29°42	15° 7	27° 5	25°59	11° 4	9°57	T 15
W16	9 42 30	27° 5'21	13°31	24°14	10°28	29° 4	26°26	21° 4	11°59	29°43	15° 7	27° 3	25°56	11°10	10° 1	W16
T 17	9 46 26	28° 5'47	26°29	26° 3	11°31	29°44	26°37	21° 0	12° 2	29°44	15° 6	27°D 2	25°53	11°17	10° 4	T 17
F 18	9 50 23	29° 6'12	9 <b>∡</b> 3	27°52	12°35	0 <b>8</b> 25	26°48	20°55	12° 5	29°46	15° 6	27° 2	25°50	11°24	10° 7	F 18
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S 20	9 58 16	1° 6'57	3 <b>云</b> 20	1 <b>)</b> 34	14°42	1°45	27° 9	20°47	12°10	29°49	15° 6	27° 6	25°43	11°37	10°13	S 20
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T 22	10 6 9	3° 7'36	27° 0	5°19	16°51	3° 6	27°31	20°38	12°15	29°51	15° 5	27°R 8	25°37	11°50	10°19	T 22
W23	10 10 6	4° 7'54	8≈46	7°12	17°55	3°46	27°42	20°34	12°18	29°52	15° 5	27° 7	25°34	11°57	10°22	W23
T 24	10 14 2	5° 8'09	20°34	9° 7	19° 0	4°26	27°54	20°29	12°20	29°54	15° 5	27° 4	25°31	12° 4	10°25	T 24
F 25	10 17 59	6° 8'23	2 <b>∺</b> 26	11° 1	20° 5	5° 7	28° 5	20°25	12°23	29°55	15° 5	27° 0	25°27	12°10	10°27	F 25
S 26	10 21 55	7° 8'35	14°24	12°57	21°11	5°47	28°16	20°20	12°25	29°56	15° 5	26°53	25°24	12°17	10°30	S 26
S 27	10 25 52	8° 8'45	26°30	14°52	22°16	6°27	28°28	20°16	12°28	29°57	15° 5	26°46	25°21	12°24	10°32	S 27
M28	10 29 49	9° 8'53	8 <b>Υ</b> 46	16°48	2 <u>3</u> °22	7° 7	28°39	20°11	1 <u>2</u> °30	29°58	15°D 5	26°38	2 <u>5</u> °18	12°30	10°34	M28
T 29	10 33 45	10 <b>米</b> 8′59	21 <b>Y</b> 11	18 <b>) (</b> 44	24 <b>궁</b> 28	7 <b>8</b> 48	28 <b>Y</b> 51	20Mp 6	12 <b>る</b> 32	29 <b>×</b> 759	15 <b>II</b> 5	26 <b>궁</b> 30	25 <b>る</b> 15	12≈37	10 <b>∡</b> 37	T 29

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M 7	15 28	25 45 2 17	20 4	2 0 19 55	3 33 9 1	0 22	8 40	1 6	5 27	2 19	23 19	0 21	22 21	1 8	14 0	8 43	20 44	20 55	16 33	17 51	4 6
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-	11 48	25 42 3 54	14 5	1 58 20 11	2 44 12	7 0 31	9 22	1 3	5 46	2 21	23 17	0 21	22 21	1 8	14 2	8 40	20 47	21 1	16 4	17 51	4 12
S 19	11 27	26 15 3 4	13 23	1 55 20 9	2 39 12 2	0 31	9 26	1 3	5 48	2 21	23 17	0 21	22 21	1 8	14 2	8 40	20 47	21 2	16 1	17 51	4 13
S 20	11 6	25 33 2 7	12 40	1 51 20 7	2 34 12 3	0 32	9 30	1 3	5 50	2 22	23 16	0 21	22 21	1 8	14 2	8 40	20 47	21 2	15 59	17 50	4 14
M21	10 44	23 41 1 5	11 56	1 47 20 5	2 29 12 5	0 33	9 34	1 3	5 52	2 22	23 16	0 21	22 21	1 8	14 3	8 39	20 46	21 3	15 56	17 50	4 14
T 22	10 23	20 49 0 1	11 10	1 43 20 2	2 24 13	0 33	9 38	1 2	5 53	2 22	23 16	0 21	22 21	1 8	14 3	8 39	20 46	21 4	15 53	17 50	4 15
W23	10 1	17 5 1n 3	10 23	1 37 19 59	2 19 13 2	0 34	9 43	1 2	5 55	2 22	23 16	0 21	22 21	1 8	14 3	8 39	20 47	21 4	15 51	17 50	4 15
T 24	9 39	12 42 2 4	9 35	1 31 19 55	2 15 13 3	0 35	9 47	1 2	5 57	2 22	23 16	0 21	22 21	1 8	14 3	8 39	20 47	21 5	15 48	17 50	4 16
F 25	9 17	7 49 3 0	8 45	1 25 19 50	2 10 13 4	0 35	9 51	1 2	5 59	2 22	23 15	0 21	22 21	1 8	14 3	8 39	20 48	21 5	15 45	17 49	4 17
S 26	8 54	2 38 3 49	7 55	1 18 19 45	2 5 14	0 36	9 55	1 2	6 1	2 22	23 15	0 21	22 21	1 8	14 4	8 38	20 49	21 6	15 43	17 49	4 17
S 27	8 32	2n42 4 27	7 3	1 10 19 40	2 0 14 1	0 37	10 0	1 1	6 3	2 22	23 15	0 21	22 21	1 8	14 4	8 38	20 51	21 7	15 40	17 49	4 18
M28	8 9	7 59 4 54	6 11	1 2 19 34	1 55 14 3	0 37	10 4	1 1	6 5	2 23	23 15	0 21	22 21	1 8	14 4	8 38	20 52	21 7	15 37	17 48	4 19
T 29	7 s47	13n 1 5n 7	5 s 1 7	0s53 19s28	1n50 14n4	4 0n38	10n 8	1 s 1	6n 7	2n23	23 s15	0s21	22 s21	1n 8	14n 4	8 s 3 8	20 s54	21 s 8	15 s35	17 s48	4n19

Julian Day Number = 2325932.5, Delta T = 39.08 sec Ecliptic obliquity = 23°29'07, Nutation = 0°00'16, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 19°56'24, Lahiri = 19°03'24Greg. Calendar

MARCH 1656 GC 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	4	ħ	)∤(	#	В	S.	v	Ç	ķ	Day
W 1	10 37 42	11 <b>米</b> 9'03	3 <b>8</b> 48	20 <b>米</b> 39	25 <b>る</b> 34	8 <b>8</b> 28	29 <b>°</b> 3	20°R 2	12 <b>る</b> 35	0 중 0	15 <b>I</b> I 5	26°R23	25 <b>る</b> 12	12≈44	10 <b>×</b> 39	W 1
T 2	10 41 38	12° 9'05	16°39	22°34	26°40	9° 8	29°15	19 <b>m</b> 57	12°37	0° 1	15° 5	26 <b>궁</b> 18	25° 8	12°50	10°41	T 2
F 3	10 45 35	13° 9'05	29°46	24°28	27°47	9°48	29°27	19°52	12°39	0° 2	15° 5	26°15	25° 5	12°57	10°43	F 3
S 4	10 49 31	14° 9'03	13 <b>II</b> 10	26°20	28°53	10°28	29°39	19°48	12°41	0° 3	15° 5	26°D14	25° 2	13° 4	10°44	S 4
S 5	10 53 28	15° 8'59	26°53	28°11	0≈ 0	11°8	29°51	19°43	12°43	0° 4	15° 5	26°15	24°59	13°10	10°46	S 5
M 6	10 57 24	16° 8'52	10958	0Υ 0	1° 7	11°48	0 <b>8</b> 3	19°38	12°45	0° 5	15° 6	26°16	24°56	13°17	10°48	M 6
T 7	11 121	17° 8'43	25°22	1°47	2°14	12°28	0°15	19°33	12°47	0° 6	15° 6	26°R16	24°53	13°23	10°49	T 7
W 8	11 5 18	18° 8'32	$10\Omega$ 5	3°30	3°22	13° 8	0°28	19°29	12°49	0° 7	15° 6	26°16	24°49	13°30	10°51	W 8
T 9	11 9 14	19° 8'19	25° 2	5°10	4°29	13°48	0°40	19°24	12°51	0° 7	15° 6	26°13	24°46	13°37	10°52	T 9
F 10	11 13 11	20° 8'03	10Mp 4	6°47	5°37	14°28	0°53	19°19	12°53	0°8	15° 6	26° 7	24°43	13°43	10°53	F 10
S 11	11 17 7	21° 7'45	25° 3	8°18	6°44	15° 8	1° 5	19°14	12°55	0° 9	15° 7	26° 0	24°40	13°50	10°54	S 11
S 12	11 21 4	22° 7'26	9 <b>≙</b> 49	9°45	7°52	15°48	1°18	19°10	12°57	0° 9	15° 7	25°51	24°37	13°57	10°55	S 12
M13	11 25 0	23° 7'04	24°16	11° 6	9° 0	16°28	1°31	19° 5	12°59	0°10	15° 7	25°42	24°33	14° 3	10°56	M13
T 14	11 28 57	24° 6'41	8 <b>M</b> .16	12°22	10° 8	17° 8	1°43	19° 0	13° 0	0°11	15° 8	25°34	24°30	14°10	10°57	T 14
W15	11 32 53	25° 6'16	21°48	13°31	11°16	17°48	1°56	18°55	13° 2	0°11	15° 8	25°27	24°27	14°17	10°58	W15
T 16	11 36 50	26° 5'49	4 <b>₹</b> 52	14°34	12°25	18°28	2° 9	18°51	13° 4	0°12	15° 8	25°22	24°24	14°23	10°58	T 16
F 17	11 40 47	27° 5'20	17°31	15°30	13°33	19° 8	2°22	18°46	13° 5	0°12	15° 9	25°20	24°21	14°30	10°59	F 17
S 18	11 44 43	28° 4'50	29°49	16°18	14°42	19°48	2°35	18°41	13° 7	0°13	15° 9	25°D20	24°18	14°37	10°59	S 18
S 19	11 48 40	29° 4'18	11 <b>る</b> 51	17° 0	15°51	20°27	2°48	18°37	13° 8	0°13	15°10	25°20	24°14	14°43	10°59	S 19
M20	11 52 36	0 <b>℃</b> 3'44	23°43	17°33	16°59	21° 7	3° 1	18°32	13°10	0°14	15°10	25°R21	24°11	14°50	11° 0	M20
T 21	11 56 33	1° 3'08	5≈29	18° 0	18° 8	21°47	3°14	18°28	13°11	0°14	15°10	25°20	24° 8	14°57	11°R 0	T 21
W22	12 0 29	2° 2'30	17°16	18°18	19°17	22°27	3°28	18°23	13°12	0°14	15°11	25°18	24° 5	15° 3	11° 0	W22
T 23	12 4 26	3° 1'51	29° 7	18°29	20°26	23° 6	3°41	18°18	13°14	0°15	15°12	25°13	24° 2	15°10	10°59	T 23
F 24	12 8 22	4° 1'09	11 <b>米</b> 5	18°R33	21°36	23°46	3°54	18°14	13°15	0°15	15°12	25° 5	23°58	15°17	10°59	F 24
S 25	12 12 19	5° 0'26	23°12	18°29	22°45	24°26	4° 8	18° 9	13°16	0°15	15°13	24°55	23°55	15°23	10°59	S 25
S 26	12 16 15	5°59'40	5 <b>Ƴ</b> 31	18°18	23°54	25° 5	4°21	18° 5	13°17	0°16	15°13	24°43	23°52	15°30	10°58	S 26
M27	12 20 12	6°58'53	18° 2	18° 0	25° 4	25°45	4°34	18° 1	13°18	0°16	15°14	24°30	23°49	15°37	10°58	M27
T 28	12 24 9	7°58'03	0 <b>8</b> 45	17°37	26°13	26°25	4°48	17°56	13°19	0°16	15°14	24°17	23°46	15°43	10°57	T 28
W29	12 28 5	8°57'11	13°40	17° 7	27°23	27° 4	5° 2	17°52	13°20	0°16	15°15	24° 6	23°43	15°50	10°57	W29
T 30	12 32 2	9°56'17	26°46	16°33	28°33	27°44	5°15	17°48	13°21	0°16	15°16	23°57	23°39	15°56	10°56	T 30
F 31	12 35 58	10 <b>Y</b> 55'21	10 <b>I</b> I 4	15 <b>Y</b> 55	29≈42	28 <b>8</b> 23	5 <b>8</b> 29	17 <b>m</b> 44	13 <b>る</b> 22	0 <b>궁</b> 16	15 <b>I</b> I16	23 <b>る</b> 51	23 <b>궁</b> 36	16≈ 3	10 <b>∡</b> 755	F 31

Day	0	D	ğ	·	ď	4	ħ	)Å(	并	Р	w v	Ç	Š,
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl dec	el decl	decl lat
W 1 T 2	7 s24 7 1	17n36 5n 6 21 28 4 50				10n13 1s 1 10 17 1 1		23 s14 0 s21 23 14 0 21	22 s21 1n 8 22 21 1 9		20 s55 21 s 20 56 21		17 s48 4n20 17 47 4 21
F 3	6 38	24 20 4 18	2 34 0 2	24 19 5 1 36	15 25 0 40	10 21 1 0	6 13 2 23	23 14 0 21	22 21 1 9	14 5 8 37	20 56 21	9 15 27	17 47 4 21
S 4 S 5	6 15 5 52				15 38 0 40 15 51 0 41	10 26 1 0 10 30 1 0		23 14 0 21 23 14 0 21	22 21 1 9 22 21 1 9		20 57 21 1 20 57 21 1		
M 6 T 7	5 28	24 23 1 22	0n10 0n1	11 18 38 1 21	16 4 0 42	10 35 1 0	6 18 2 23	23 13 0 21	22 20 1 9	14 6 8 36	20 56 21 1	1 15 18	17 46 4 23
W 8	4 42	16 34 1 s14	1 57 0 3	36 18 17 1 11	16 30 0 43	10 44 1 0	6 22 2 23	23 13 0 21		14 6 8 36	20 56 21 1 20 56 21 1	2 15 13	17 45 4 24
T 9 F 10	4 18 3 55	10 53 2 28 4 31 3 33	2 48 0 4 3 38 1	2 17 54 1 2	16 55 0 44	10 48 0 59 10 53 0 59		23 13 0 21 23 13 0 21	22 20 1 9 22 20 1 9		20 57 21 1 20 58 21 1		17 44 4 25 17 44 4 26
S 11	3 31	2s 3 4 23		15 17 42 0 57					22 20 1 9		20 59 21 1		17 43 4 26
S 12 M13	3 8 2 44	8 24 4 54 14 9 5 5	5 57 1 4	41 17 16 0 48	17 19 0 45 17 31 0 45	11 6 0 59	6 32 2 24		22 20 1 9	14 8 8 35	21 3 21 1	5 15 0	17 43 4 27 17 42 4 28
T 14 W15	2 21 1 57	18 59 4 58 22 39 4 34	6 38 1 5 7 16 2		17 43 0 46 17 55 0 47		6 34 2 24 6 36 2 24		22 20 1 9 22 20 1 9	14 8 8 34 14 8 8 34		6 14 57 6 14 54	17 42 4 28 17 41 4 29
T 16 F 17		25 1 3 56 26 1 3 8			18 7 0 47 18 18 0 48		6 37 2 24 6 39 2 24	23 12 0 21 23 12 0 21	22 20 1 9 22 20 1 9			7 14 51 7 14 49	
S 18	0 46		8 52 2 3	39 16 3 0 26	18 29 0 48	11 29 0 58			22 20 1 9	14 9 8 33	21 7 21 1	8 14 46	17 40 4 31
S 19 M20	-	24 9 1 12 21 33 0 9	9 17 2 4 9 38 2 5		18 41 0 48 18 52 0 49				22 20 1 9 22 20 1 9			8 14 43 9 14 41	17 39 4 32 17 38 4 32
T 21 W22		18 4 0n54 13 53 1 54	9 55 3 10 8 3 1		19 2 0 49 19 13 0 50	11 43 0 58 11 48 0 57			22 20 1 9 22 20 1 9			0 14 38 0 14 35	
T 23 F 24	1 12 1 36	9 9 2 50 4 4 3 38	10 16 3 1 10 21 3 2		19 24 0 50 19 34 0 51	11 52 0 57		23 11 0 22 23 11 0 22	22 20 1 9 22 20 1 9	14 10 8 32	21 8 21 2	1 14 32 1 14 30	17 36 4 34
S 25	2 0	1n14 4 17			19 44 0 51				22 20 1 9			2 14 27	
S 26 M27	2 23 2 47	6 33 4 45 11 42 4 59	10 18 3 2 10 11 3 2		19 55 0 52 20 5 0 52	12 6 0 57 12 11 0 57		23 11 0 22 23 11 0 22	22 20 1 9 22 20 1 9		21 13 21 2 21 16 21 2		
T 28 W29	3 10		9 59 3 1	19 13 3 0 16	20 14 0 52	12 15 0 57 12 20 0 56	6 59 2 24	23 11 0 22 23 11 0 22	22 20 1 9	14 12 8 31	21 18 21 2 21 20 21 2	3 14 19	17 33 4 38
T 30	3 57	23 35 4 14	9 25 3	9 12 22 0 23	20 33 0 53	12 25 0 56	7 2 2 23	23 11 0 22	22 20 1 9	14 12 8 31	21 21 21 2	5 14 13	17 31 4 39
F 31	4n20	25n27 3n29	9n 4 3n	1 12s 1 0s27	20n43 0n54	12n29 0s56	7n 4 2n23	23 s10 0 s22	22 s20 1n 9	14n13 8s31	21 s23 21 s2	5 14s11	17 s31 4n39

Julian Day Number = 2325961.5, Delta T = 39.02 sec Ecliptic obliquity = 23°29'07, Nutation =  $0^\circ00'16$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $19^\circ56'28$ , Lahiri =  $19^\circ03'28$ Greg. Calendar

APRIL 1656 GC 00:00 UT

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Day	Sid.t	0	D	ğ	φ	ď	4	ħ	)∤(	¥	В	N.	v	Ç	ķ	Day
S 1	12 39 55	11 <b>Y</b> 54'23	23П34	15°R13	0 <b>∺</b> 52	29 <b>8</b> 3	5 <b>8</b> 42	17°R39	13 <b>る</b> 23	0°R16	15 <b>I</b> I17	23°R48	23 <b>궁</b> 33	16≈10	10°R54	S 1
S 2	12 43 51	12°53'22	<i>7</i> 9517	14 <b>Y</b> 29	2° 2	29°42	5°56	17 <b>m</b> /35	13°24	0 <b>ට</b> 16	15°18	23 <b>궁</b> 47	23°30	16°16	10 <b>∡</b> 53	S 2
M 3	12 47 48	13°52'19	21°13	13°43	3°12	0П22	6°10	17°31	13°24	0°16	15°19	23°47	23°27	16°23	10°51	M 3
T 4	12 51 44	14°51'14	5 <b>Ω</b> 23	12°56	4°22	1° 1	6°24	17°27	13°25	0°16	15°19	23°47	23°24	16°30	10°50	T 4
W 5	12 55 41	15°50'06	19°46	12°10	5°32	1°41	6°38	17°24	13°26	0°16	15°20	23°45	23°20	16°36	10°49	W 5
T 6	12 59 38	16°48'56	4 <b>m</b> 19	11°24	6°42	2°20	6°51	17°20	13°26	0°16	15°21	23°41	23°17	16°43	10°47	T 6
F 7	13 3 34	17°47'43	18°57	10°41	7°53	3° 0	7° 5	17°16	13°27	0°16	15°22	23°34	23°14	16°50	10°46	F 7
S 8	13 731	18°46'29	3 <b>₾</b> 35	10° 0	9° 3	3°39	7°19	17°12	13°27	0°15	15°23	23°24	23°11	16°56	10°44	S 8
S 9	13 11 27	19°45'12	18° 5	9°23	10°13	4°18	7°33	17° 9	13°28	0°15	15°23	23°12	23° 8	17° 3	10°42	S 9
M10	13 15 24	20°43'53	2 <b>M</b> .19	8°49	11°24	4°58	7°47	17° 5	13°28	0°15	15°24	23° 1	23° 4	17°10	10°40	M10
T 11	13 19 20	21°42'33	16°13	8°19	12°34	5°37	8° 1	17° 2	13°28	0°14	15°25	22°49	23° 1	17°16	10°38	T 11
W12	13 23 17	22°41'10	29°43	7°54	13°45	6°16	8°15	16°58	13°29	0°14	15°26	22°40	22°58	17°23	10°36	W12
T 13	13 27 13	23°39'46	12 <b>~</b> 48	7°34	14°55	6°56	8°29	16°55	13°29	0°14	15°27	22°33	22°55	17°30	10°34	T 13
F 14	13 31 10	24°38'21	25°29	7°18	16° 6	7°35	8°43	16°52	13°29	0°13	15°28	22°29	22°52	17°36	10°32	F 14
S 15	13 35 7	25°36'53	7 <b>云</b> 49	7° 8	17°17	8°14	8°57	16°48	13°29	0°13	15°29	22°27	22°49	17°43	10°30	S 15
S 16	13 39 3	26°35'24	19°53	7° 3	18°27	8°53	9°11	16°45	13°29	0°12	15°30	22°26	22°45	17°50	10°27	S 16
M17	13 43 0	27°33'53	1≈47	7°D 3	19°38	9°32	9°26	16°42	13°R29	0°12	15°31	22°26	22°42	17°56	10°25	M17
T 18	13 46 56	28°32'21	13°36	7° 8	20°49	10°11	9°40	16°39	13°29	0°11	15°32	22°25	22°39	18° 3	10°22	T 18
W19	13 50 53	29°30'47	25°25	7°18	22° 0	10°51	9°54	16°36	13°29	0°11	15°33	22°23	22°36	18°10	10°20	W19
T 20	13 54 49	0829'11	7 <b>₩</b> 19	7°32	23°11	11°30	10° 8	16°34	13°29	0°10	15°34	22°18	22°33	18°16	10°17	T 20
F 21	13 58 46	1°27'34	19°22	7°51	24°22	12° 9	10°22	16°31	13°29	0°10	15°35	22°11	22°30	18°23	10°14	F 21
S 22	14 2 42	2°25'55	1 <b>Y</b> 39	8°15	25°33	12°48	10°36	16°28	13°29	0° 9	15°36	22° 1	22°26	18°30	10°11	S 22
S 23	14 639	3°24'14	14°10	8°43	26°44	13°27	10°51	16°26	13°28	0° 8	15°37	21°49	22°23	18°36	10° 9	S 23
M24	14 10 36	4°22'31	26°57	9°16	27°55	14° 6	11° 5	16°24	13°28	0° 8	15°38	21°37	22°20	18°43	10° 6	M24
T 25	14 14 32	5°20'47	9 <b>8</b> 59	9°52	29° 6	14°45	11°19	16°21	13°28	0° 7	15°39	21°24	22°17	18°50	10° 3	T 25
W26	14 18 29	6°19'01	23°16	10°32	0 <b>Υ</b> 17	15°24	11°33	16°19	13°27	0° 6	15°40	21°13	22°14	18°56	9°59	W26
T 27	14 22 25	7°17'14	6 <b>II</b> 44	11°16	1°28	16° 3	11°48	16°17	13°27	0° 5	15°41	21° 4	22°10	19° 3	9°56	T 27
F 28	14 26 22	8°15'24	20°23	12° 3	2°40	16°42	12° 2	16°15	13°26	0° 5	15°43	20°58	22° 7	19°10	9°53	F 28
S 29	14 30 18	9°13'33	49911	12°54	3°51	17°21	12°16	16°13	13°26	0° 4	15°44	20°55	22° 4	19°16	9°50	S 29
S 30	14 34 15	10 <b>8</b> 11'39	1895 5	13 <b>Y</b> 48	5 <b>Υ</b> 2	18 <b>II</b> 0	12830	16 <b>M</b> )11	13 <b>る</b> 25	0ට 3	15 <b>Ⅱ</b> 45	20°D54	22 <b>ට</b> 1	19 <b>≈</b> 23	9 <b>∡</b> 146	S 30

Day	0	D	3	Į	φ	ð	٦	4	ŀ	ħ	ļ	ړ(	(	j	ţ.	Е	)	n	v	Ç	ķ	
	decl	decl lat	decl	lat	decl lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	4n43	25n52 2n	133 8n39	2n52 11	s39 0s30	20n52	0n54	12n34	0 s 5 6	7n 5	2n23	23 s10	0 s22	22 s20	1n 9	14n13	8 s 3 0	21 s23	21 s26	14s 8	17s30	4n40
S 2	5 6	24 43 1	26 8 12	2 42 11	18 0 34	21 1	0 55	12 39	0 56	7 7	2 23	23 10	0 22	22 20	1 9	14 13	8 30	21 23	21 26	14 5	17 29	4 41
M 3	5 29	22 2 0	14 7 43	2 30 10	56 0 37	21 10	0 55	12 43	0 56	7 8	2 23	23 10	0 22	22 20	1 9	14 13	8 30	21 23	21 27	14 2	17 28	4 41
T 4	5 52	17 58 1s				21 18		12 48	0 56	7 10		23 10		22 20	1 9						17 28	4 42
W 5	6 15	-	13 6 42			21 27		12 53	0 56	7 11		23 10		22 20	1 10				21 28			4 43
T 6	6 37		17 6 10			21 35		12 57	0 56	7 13		23 10		22 20	1 10				21 28			4 43
F 7	7 0		8 5 39			21 43	0 56		0 55	7 14		23 10		22 20	1 10				21 29			4 44
S 8	7 22	5 s 4 5	43 5 8	1 16 9	0 53	21 51	0 57	13 7	0 55	7 15	2 23	23 10	0 22	22 19	1 10	14 15	8 29	21 27	21 29	13 48	17 24	4 44
S 9	7 44	11 42 4	59 4 38	0 59 8	37 0 56	21 59	0 57	13 11	0 55	7 17	2 23	23 10	0 22	22 19	1 10	14 15	8 29	21 29	21 30	13 46	17 23	4 45
M10	8 7	16 56 4	57 4 9	0 43 8	3 13 0 59	22 6	0 57	13 16	0 55	7 18	2 23	23 10	0 22	22 19	1 10	14 15	8 28	21 31	21 30	13 43	17 23	4 46
T 11	8 29	21 7 4	36 3 42	0 26 7	7 49 1 2	22 14	0 58	13 20	0 55	7 19	2 23	23 10	0 22	22 19	1 10	14 16	8 28	21 33	21 31	13 40	17 22	4 46
W12	8 50	24 3 4	1 3 17	0 10 7		22 21	0 58	13 25	0 55	7 20	2 22	23 10	0 22	22 19	1 10	14 16	8 28	21 35	21 32	13 37	17 21	4 47
T 13			13 2 55			22 28		13 30	0 55	7 22		23 10		22 19		14 16					17 20	4 47
F 14			18 2 34			22 35		13 34	0 55	7 23		23 10		22 19							17 19	4 48
S 15	9 55	24 32 1	17 2 16	0 37 6	5 9 1 13	22 42	0 59	13 39	0 55	7 24	2 22	23 10	0 22	22 19	1 10	14 17	8 28	21 37	21 33	13 29	17 18	4 49
S 16	10 17	22 14 0	13 2 1	0 52 5	3 43 1 15	22 48	0 59	13 43	0 54	7 25	2 22	23 10	0 22	22 19	1 10	14 17	8 27	21 37	21 34	13 26	17 17	4 49
M17	10 38	19 0 0n	1 48	1 6 5	5 18 1 17	22 54	1 0	13 48	0 54	7 26	2 22	23 10	0 22	22 19	1 10	14 17	8 27	21 37	21 34	13 23	17 16	4 50
T 18	10 59	15 1 1	50 1 38	1 19 4	1 52 1 20	23 1	1 0	13 53	0 54	7 27	2 22	23 10	0 22	22 19	1 10	14 18	8 27	21 37	21 35	13 21	17 15	4 50
W19	11 19	10 29 2	45 1 30	1 31 4	1 26 1 22		1 0	13 57	0 54	7 28	2 22	23 10	0 22	22 19	1 10	14 18	8 27	21 37	21 35	13 18	17 15	4 51
T 20	11 40	5 32 3	34 1 25			23 12		14 2	0 54	7 29		23 10		22 19					21 36			4 51
F 21	12 0	0 20 4	14 1 23			23 18	1 1	14 6	0 54	7 30		23 10		22 19							17 13	4 52
S 22	12 20	4n58 4	42 1 23	2 4 3	3 7 1 28	23 23	1 1	14 11	0 54	7 31	2 21	23 10	0 22	22 19	1 10	14 19	8 26	21 41	21 37	13 9	17 12	4 52
S 23	12 40	10 10 4	58 1 25	2 13 2	2 40 1 30	23 28	1 1	14 15	0 54	7 32	2 21	23 10	0 22	22 19	1 10	14 19	8 26	21 43	21 37	13 7	17 11	4 53
M24	13 0	15 3 5	0 1 30	2 22 2	2 14 1 31	23 33	1 2	14 20	0 54	7 33	2 21	23 11	0 23	22 19	1 10	14 19	8 26	21 45	21 38	13 4	17 10	4 53
T 25	13 20	19 21 4	45 1 37	2 30 1	47 1 33	23 38	1 2	14 24	0 54	7 33	2 21	23 11	0 23	22 19	1 10	14 20	8 26	21 47	21 38	13 1	17 9	4 54
W26	13 39	22 45 4	16 1 47	2 37 1	20 1 35	23 43	1 2	14 29	0 54	7 34	2 21	23 11	0 23	22 19	1 10	14 20	8 26	21 48	21 39	12 58	17 8	4 55
T 27	13 58	24 57 3	31 1 58	2 43 (		23 47	1 2	14 33	0 54	7 35	2 20	23 11	0 23	22 19	1 10	14 20	8 25	21 50	21 39	12 55	17 7	4 55
F 28			34 2 12			23 51		14 38	0 53	7 35		23 11		22 19					21 40			4 56
S 29	14 36	24 53 1	28 2 27	2 53 (	n 1 1 39	23 56	1 3	14 42	0 53	7 36	2 20	23 11	0 23	22 19	1 10	14 21	8 25	21 51	21 40	12 50	17 5	4 56
S 30	14n54	22n30 On	15 2n44	2s57 (	n29 1 s40	23n59	1n 3	14n46	0 s53	7n37	2n20	23 s11	0 s23	22 s 19	1n10	14n21	8 s25	21 s51	21 s41	12 s47	17s 4	4n56

Julian Day Number = 2325992.5, Delta T = 38.97 sec Ecliptic obliquity = 23°29'06, Nutation =  $0^\circ00'15$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $19^\circ56'32$ , Lahiri =  $19^\circ03'32$ Greg. Calendar

MAY 1656 GC 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ	)∤(	¥	Р	n	v	Ç	ķ	Day
M 1	14 38 11	118 9'44	2 <b>N</b> 6	14 <b>Y</b> 45	6 <b>Υ</b> 14	18 <b>Ⅲ</b> 39	12845	16°R 9	13°R24	0°R 2	15 <b>Ⅱ</b> 46	20 <b>궁</b> 54	21 <b>궁</b> 58	19≈30	9°R43	M 1
T 2	14 42 8	12° 7'46	16°12	15°46	7°25	19°18	12°59	16Mp 8	13 <b>る</b> 24	0ਰ 1	15°47	20°R55	21°55	19°36	9 <b>∡</b> 139	T 2
W 3	14 46 5	13° 5'47	0 <b>₯</b> 23	16°49	8°36	19°57	13°13	16° 6	13°23	0° 0	15°48	20°53	21°51	19°43	9°36	W 3
T 4	14 50 1	14° 3'46	14°37	17°55	9°48	20°35	13°27	16° 5	13°22	29 <b>×</b> 759	15°50	20°50	21°48	19°50	9°32	T 4
F 5	14 53 58	15° 1'42	28°51	19° 3	10°59	21°14	13°42	16° 3	13°21	29°58	15°51	20°44	21°45	19°56	9°28	F 5
S 6	14 57 54	15°59'37	13 <b>♀</b> 2	20°15	12°11	21°53	13°56	16° 2	13°20	29°57	15°52	20°36	21°42	20° 3	9°25	S 6
S 7	15 1 51	16°57'30	27° 6	21°28	13°22	22°32	14°10	16° 1	13°19	29°56	15°53	20°27	21°39	20°10	9°21	S 7
M 8	15 5 47	17°55'22	10 <b>M</b> 57	22°45	14°34	23°11	14°24	16° 0	13°18	29°55	15°55	20°17	21°35	20°16	9°17	M 8
T 9	15 9 44	18°53'12	24°33	24° 4	15°45	23°49	14°39	15°59	13°17	29°54	15°56	20° 7	21°32	20°23	9°13	T 9
W10	15 13 40	19°51'01	7 <b>.</b> 749	25°25	16°57	24°28	14°53	15°58	13°16	29°53	15°57	19°59	21°29	20°30	9° 9	W10
T 11	15 17 37	20°48'48	20°45	26°49	18° 8	25° 7	15° 7	15°57	13°15	29°52	15°58	19°53	21°26	20°36	9° 6	T 11
F 12	15 21 34	21°46'35	3 <b>중</b> 21	28°15	19°20	25°46	15°21	15°57	13°14	29°50	16° 0	19°49	21°23	20°43	9° 2	F 12
S 13	15 25 30	22°44'19	15°40	29°43	20°32	26°24	15°35	15°56	13°13	29°49	16° 1	19°D48	21°20	20°50	8°58	S 13
S 14	15 29 27	23°42'03	27°44	1814	21°44	27° 3	15°50	15°56	13°12	29°48	16° 2	19°48	21°16	20°56	8°54	S 14
M15	15 33 23	24°39'46	9≈39	2°47	22°55	27°42	16° 4	15°55	13°10	29°47	16° 4	19°49	21°13	21° 3	8°49	M15
T 16	15 37 20	25°37'27	21°29	4°22	24° 7	28°20	16°18	15°55	13° 9	29°45	16° 5	19°R50	21°10	21°10	8°45	T 16
W17	15 41 16	26°35'07	3 <b>∺</b> 20	5°59	25°19	28°59	16°32	15°55	13° 8	29°44	16° 6	19°50	21° 7	21°16	8°41	W17
T 18	15 45 13	27°32'46	15°16	7°39	26°31	29°37	16°46	15°D55	13° 6	29°43	16° 8	19°48	21° 4	21°23	8°37	T 18
F 19	15 49 9	28°30'25	27°23	9°21	27°43	09916	17° 0	15°55	13° 5	29°42	16° 9	19°44	21° 1	21°30	8°33	F 19
S 20	15 53 6	29°28'02	9 <b>Ƴ</b> 44	11° 5	28°54	0°55	17°14	15°55	13° 3	29°40	16°10	19°38	20°57	21°36	8°29	S 20
S 21	15 57 3	0∏25'38	22°23	12°51	0 <b>8</b> 6	1°33	17°28	15°56	13° 2	29°39	16°12	19°31	20°54	21°43	8°24	S 21
M22	16 0 59	1°23'13	5 <b>8</b> 22	14°40	1°18	2°12	17°42	15°56	13° 0	29°38	16°13	19°23	20°51	21°49	8°20	M22
T 23	16 4 56	2°20'48	18°40	16°31	2°30	2°50	17°56	15°56	12°58	29°36	16°14	19°15	20°48	21°56	8°16	T 23
W24	16 8 52	3°18'21	2 <b>Ⅱ</b> 17	18°24	3°42	3°29	18°10	15°57	12°57	29°35	16°16	19° 8	20°45	22° 3	8°12	W24
T 25	16 12 49	4°15'53	16° 9	20°19	4°54	4° 7	18°24	15°58	12°55	29°33	16°17	19° 2	20°41	22°10	8° 7	T 25
F 26	16 16 45	5°13'24	09513	22°17	6° 6	4°46	18°38	15°59	12°53	29°32	16°19	18°59	20°38	22°16	8° 3	F 26
S 27	16 20 42	6°10'54	14°25	24°16	7°18	5°24	18°52	15°59	12°52	29°30	16°20	18°D57	20°35	22°23	7°59	S 27
S 28	16 24 38	7° 8'23	28°41	26°18	8°30	6° 3	19° 6	16° 0	12°50	29°29	16°21	18°58	20°32	22°30	7°55	S 28
M29	16 28 35	8° 5'50	12 <b>Q</b> 58	28°21	9°42	6°41	19°20	16° 2	12°48	29°28	16°23	18°59	20°29	22°36	7°50	M29
T 30	16 32 32	9° 3'16	27°12	0 <b>∐</b> 26	10°55	7°20	19°34	16° 3	12°46	29°26	16°24	19° 0	20°26	22°43	7°46	T 30
W31	16 36 28	10 <b>I</b> I 0'41	11 <b>m</b> 23	2 <b>Ⅱ</b> 33	128 7	7958	19 <b>8</b> 47	16Mp 4	12 <b>る</b> 44	29 <b>×</b> 25	16耳26	19°R 0	20중22	22≈50	7 <b>.₹</b> 42	W31

Day	0	D	ğ	φ (	3'	4	ħ	)∤(	¥	Р	w v	Ç	, K
	decl	decl lat	decl lat	decl lat decl	lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl decl	decl	decl lat
M 1 T 2 W 3	15n12 15 30 15 48	18n46 0s59 13 56 2 10 8 20 3 14	3 24 3 3	3 1 23 1 42 24 7		14 55 0 53	7 38 2 20			14 22 8 25	21 s51 21 s41 21 51 21 42 21 52 21 42	12 41	17 2 4 57
T 4 F 5 S 6	16 5 16 23 16 39	2 18 4 5 3 s 5 1 4 4 2 9 4 6 5 1	4 11 3 5	5 2 18 1 44 24 13 6 2 45 1 45 24 16	1 4 1 4	15 4 0 53 15 8 0 53 15 12 0 53	7 38 2 19 7 39 2 19	23 11 0 23 23 12 0 23	22 19 1 10	14 22 8 24 14 22 8 24	21 52 21 42 21 52 21 43 21 53 21 43 21 54 21 44	3 12 36 12 33	17 0 4 58 16 59 4 59
S 7 M 8 T 9 W10 T 11 F 12 S 13	16 56 17 12 17 28 17 44 17 59 18 15	23 0 4 11 25 1 3 25 25 38 2 29	7 38 2 55 8 12 2 51	3 4 7 1 47 24 23 1 4 34 1 47 24 25 0 5 1 1 48 24 27 5 5 28 1 48 24 29 1 5 55 1 48 24 31	1 5 1 5 1 5 1 5 1 6	15 17 0 53 15 21 0 53 15 25 0 53 15 29 0 53 15 34 0 53 15 38 0 53 15 42 0 53	7 40 2 19 7 40 2 18 7 40 2 18 7 40 2 18 7 40 2 18	23 12 0 23 23 12 0 23 23 12 0 23 23 12 0 23 23 12 0 23	22 19 1 10 22 19 1 10 22 19 1 10 22 19 1 10 22 19 1 10	14 23 8 24 14 23 8 24 14 24 8 24 14 24 8 23	22 1 21 46 22 1 21 47	5 12 25 5 12 22 6 12 19 6 12 16 7 12 13	16 56 5 0 16 56 5 0 16 55 5 1 16 54 5 1 16 53 5 2
S 14 M15 T 16 W17 T 18 F 19 S 20	18 44 18 58	19 57 0n43	9 23 2 42 10 1 2 36 10 38 2 30 11 17 2 24 11 56 2 17 12 36 2 9	2 6 49 1 48 24 33 5 7 15 1 48 24 34 0 7 42 1 48 24 35 4 8 8 1 48 24 35 7 8 34 1 48 24 36 9 9 1 1 47 24 36	1 6 1 6 1 6 1 7 1 7	15 46 0 53 15 50 0 53 15 54 0 52 15 58 0 52 16 3 0 52 16 7 0 52 16 11 0 52	7 40 2 18 7 40 2 17 7 40 2 17	23 13 0 23 23 13 0 23	22 19 1 10 22 19 1 10 22 19 1 10 22 19 1 11 22 19 1 11 22 19 1 11	14 25 8 23 14 25 8 23	22 1 21 48 22 1 21 48 22 1 21 49 22 1 21 49 22 1 21 50 22 2 2 1 50	8 12 8 8 12 5 9 12 2 9 11 59 11 56 0 11 53	16 51 5 2 16 50 5 3 16 49 5 3 16 48 5 3 16 47 5 4 16 46 5 4
S 21 M22 T 23 W24 T 25	20 17 20 29 20 40 20 51	13 28 5 7 17 58 4 56 21 42 4 28 24 20 3 45 25 33 2 48 25 9 1 40	13 56 1 53 14 37 1 44 15 18 1 34 15 59 1 25 16 39 1 15 17 20 1 5	3 9 52 1 46 24 36 4 10 18 1 46 24 35 4 10 43 1 45 24 35 5 11 8 1 44 24 34 5 11 33 1 44 24 33 5 11 58 1 43 24 32	1 7 1 7 1 7 1 8 1 8 1 8	16 15 0 52 16 19 0 52 16 22 0 52 16 26 0 52 16 30 0 52 16 34 0 52 16 38 0 52	7 39 2 16 7 39 2 16 7 38 2 16 7 38 2 16 7 38 2 15 7 37 2 15	23 14 0 23 23 14 0 23 23 14 0 23 23 14 0 23 23 15 0 23 23 15 0 23	22 19 1 11 22 18 1 11	14 26 8 22 14 26 8 22 14 27 8 22 14 27 8 22 14 27 8 22	22 4 21 51 22 5 21 52 22 6 21 52 22 7 21 53 22 8 21 53 22 8 21 54	1 11 48 2 11 45 2 11 42 3 11 39 3 11 36 4 11 33	16 44 5 5 16 43 5 5 16 42 5 5 16 41 5 5 16 40 5 6 16 40 5 6
M29 T 30	21 33 21 42 21 51 22n 0	14 56 2 7 9 27 3 13	19 18 0 33	2 13 34 1 39 24 25	1 8 1 8	16 42 0 52 16 46 0 52 16 49 0 52 16n53 0s52	7 35 2 15 7 35 2 15	23 15 0 23 23 16 0 23	22 18 1 11 22 18 1 11	14 28 8 22 14 28 8 22 14 28 8 22 14n28 8 s22	22 8 21 55	5 11 25 5 11 22	16 37 5 6 16 36 5 7

Julian Day Number = 2326022.5, Delta T = 38.91 sec Ecliptic obliquity =  $23^{\circ}29'06$ , Nutation =  $0^{\circ}00'15$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $19^{\circ}56'36$ , Lahiri =  $19^{\circ}03'37$ Greg. Calendar

JUNE 1656 GC 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	4	ħ	)∤(	朴	Р	₽.	Ω	ţ	Q K	Day
T 1	16 40 25	10Д58'05	25 <b>m</b> /28	4 <b>Ⅱ</b> 41	13819	8936	208 1	16 <b>m</b> 6	12°R42	29°R23	16 <b>Ⅲ</b> 27	18°R59	20 <b>궁</b> 19	22≈56	7°R37	T 1
F 2	16 44 21	11°55'27	9 <b>≙</b> 25	6°50	14°31	9°15	20°15	16° 7	12 <b>る</b> 40	29 <b>×</b> 122	16°28	18 <b>る</b> 57	20°16	23° 3	7 <b>.</b> ₹33	F 2
S 3	16 48 18	12°52'49	23°14	9° 1	15°43	9°53	20°29	16° 9	12°38	29°20	16°30	18°53	20°13	23°10	7°29	S 3
S 4	16 52 14	13°50'09	6 <b>M</b> .51	11°12	16°55	10°31	20°42	16°10	12°36	29°18	16°31	18°48	20°10	23°16	7°25	S 4
M 5	16 56 11	14°47'28	20°17	13°24	18° 8	11°10	20°56	16°12	12°34	29°17	16°33	18°43	20° 7	23°23	7°21	M 5
T 6	17 0 7	15°44'47	3×728	15°36	19°20	11°48	21° 9	16°14	12°32	29°15	16°34	18°37	20° 3	23°30	7°16	T 6
W 7	17 4 4	16°42'05	16°24	17°47	20°32	12°26	21°23	16°16	12°30	29°14	16°35	18°33	20° 0	23°36	7°12	W 7
T 8	17 8 1	17°39'22	29° 4	19°59	21°44	13° 5	21°36	16°18	12°28	29°12	16°37	18°30	19°57	23°43	7° 8	T 8
F 9	17 11 57	18°36'39	11 <b>る</b> 30	22°10	22°57	13°43	21°50	16°20	12°26	29°11	16°38	18°29	19°54	23°50	7° 4	F 9
S 10	17 15 54	19°33'55	23°42	24°21	24° 9	14°21	22° 3	16°23	12°24	29° 9	16°40	18°D29	19°51	23°56	7° 0	S 10
S 11	17 19 50	20°31'10	5≈43	26°30	25°22	15° 0	22°16	16°25	12°22	29° 7	16°41	18°30	19°47	24° 3	6°56	S 11
M12	17 23 47	21°28'25	17°37	28°38	26°34	15°38	22°30	16°28	12°20	29° 6	16°42	18°31	19°44	24°10	6°52	M12
T 13	17 27 43	22°25'40	29°27	09544	27°46	16°16	22°43	16°30	12°17	29° 4	16°44	18°33	19°41	24°16	6°48	T 13
W14	17 31 40	23°22'54	11 <b>)</b> 18	2°49	28°59	16°54	22°56	16°33	12°15	29° 3	16°45	18°34	19°38	24°23	6°44	W14
T 15	17 35 36	24°20'09	23°15	4°53	0 <b>I</b> I1	17°33	23° 9	16°36	12°13	29° 1	16°47	18°R35	19°35	24°30	6°40	T 15
F 16	17 39 33	25°17'23	5 <b>Υ</b> 22	6°54	1°24	18°11	23°22	16°38	12°11	28°59	16°48	18°34	19°32	24°36	6°36	F 16
S 17	17 43 30	26°14'37	17°44	8°54	2°36	18°49	23°35	16°41	12° 8	28°58	16°49	18°33	19°28	24°43	6°32	S 17
S 18	17 47 26	27°11'51	0 <b>8</b> 25	10°51	3°49	19°27	23°48	16°44	12° 6	28°56	16°51	18°31	19°25	24°50	6°28	S 18
M19	17 51 23	28° 9'04	13°27	12°46	5° 2	20° 5	24° 1	16°48	12° 4	28°55	16°52	18°28	19°22	24°56	6°24	M19
T 20	17 55 19	29° 6'18	26°53	14°40	6°14	20°44	24°14	16°51	12° 1	28°53	16°54	18°25	19°19	25° 3	6°20	T 20
W21	17 59 16	09 3'32	10 <b>Ⅱ</b> 42	16°31	7°27	21°22	24°27	16°54	11°59	28°51	16°55	18°23	19°16	25°10	6°17	W21
T 22	18 3 12	1° 0'45	24°52	18°20	8°39	22° 0	24°40	16°58	11°57	28°50	16°56	18°21	19°13	25°16	6°13	T 22
F 23	18 7 9	1°57'59	99518	20° 7	9°52	22°38	24°52	17° 1	11°54	28°48	16°58	18°20	19° 9	25°23	6°10	F 23
S 24	18 11 6	2°55'12	23°55	21°52	11° 5	23°16	25° 5	17° 5	11°52	28°46	16°59	18°D20	19° 6	25°30	6° 6	S 24
S 25	18 15 2	3°52'25	8 <b>Ω</b> 37	23°34	12°18	23°55	25°18	17° 8	11°50	28°45	17° 0	18°21	19° 3	25°36	6° 3	S 25
M26	18 18 59	4°49'37	23°17	25°15	13°30	24°33	25°30	17°12	11°47	28°43	17° 2	18°22	19° 0	25°43	5°59	M26
T 27	18 22 55	5°46'49	7 <b>m</b> 49	26°53	14°43	25°11	25°43	17°16	11°45	28°42	17° 3	18°23	18°57	25°50	5°56	T 27
W28	18 26 52	6°44'01	22°10	28°29	15°56	25°49	25°55	17°20	11°42	28°40	17° 4	18°23	18°53	25°56	5°53	W28
T 29	18 30 48	7°41'13	6 <b>≙</b> 17	$0\Omega$ 3	17° 9	26°27	26° 7	17°24	1 <u>1</u> °40	28°38	17° 6	18°R24	1 <u>8</u> °50	26° 3	5°49	T 29
F 30	18 34 45	8938'24	20 <b>♀</b> 8	$1\Omega$ 34	18Ⅲ22	2799 5	26819	17 <b>m</b> )28	11 <b>る</b> 38	28 <b>×</b> 37	17 <b>I</b> 7	18 <b>る</b> 23	18 <b>궁</b> 47	26≈10	5 <b>₹</b> 46	F 30

Day	0	D		<b></b>	Q.		ď	и	2	ļ.	ħ	<u> </u>	)į	<del>j</del> (	4		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
T 1 F 2 S 3	22n 8 22 16 22 23	8 26 5	45 21n 6 7 21 39 10 22 11	0n10	14n20 14 43 15 5	1 s36 1 35 1 33	24 18	1 9	16n57 17 0 17 4		7n33 7 33 7 32	2 14	23 s16 23 16 23 16	0 23	22 s18 22 18 22 18	1 11	14n29 14 29 14 29	8 21	22 9	21 s57 21 57 21 58	11 13	16 34	5 7
S 4 M 5 T 6 W 7 T 8	22 37 22 43 22 49	22 6 4 2 24 30 3 4 25 33 2	56 22 40 25 23 7 41 23 32 46 23 54 44 24 14	0 41 0 50 0 59	15 49 16 10 16 31	1 32 1 31 1 29 1 27 1 26	24 10 24 6 24 3	1 9 1 9 1 9	17 8 17 11 17 15 17 18 17 22	0 52 0 52 0 52 0 52 0 52 0 52	7 31 7 30 7 29 7 28 7 27	2 13 2 13 2 13	23 17 23 17 23 17 23 17 23 17	0 24 0 24 0 24	22 18 22 18 22 18 22 18 22 18	1 11 1 11 1 11	14 29 14 29 14 29 14 30 14 30	8 21 8 21 8 21	22 11 22 11	21 58 21 59 21 59 21 59 22 0	11 5 11 2 10 59	16 31 16 30 16 30	5 7 5 8 5 8 5 8 5 8
F 9 S 10	23 0 23 4		38 24 31 29 24 45	1 16		1 24 1 22	23 56	1 9 1 9	17 25 17 29	0 52 0 52	7 26 7 25	2 13	23 18 23 18	0 24	22 18 22 18	1 11	14 30 14 30	8 21	22 12 22 12	22 0	10 53 10 50		5 8 5 8
_	23 9 23 13 23 16 23 19 23 22 23 24 23 26	13 9 2 8 28 3 3 3 28 4 1n40 4 6 49 5	33	1 36 1 41 1 45 1 49 1 52	18 27 18 45	1 17 1 15 1 13 1 11	23 43 23 39 23 34 23 29	1 10 1 10 1 10 1 10 1 10	17 32 17 36 17 39 17 42 17 46 17 49 17 52	0 52 0 52 0 52 0 52 0 52 0 52 0 52	7 24 7 23 7 22 7 20 7 19 7 18 7 17	2 12 2 12 2 12 2 12 2 12 2 11	23 18 23 18 23 18 23 19 23 19 23 19 23 19	0 24 0 24 0 24 0 24 0 24	22 18 22 18 22 18 22 18 22 18 22 18 22 18 22 18	1 11 1 11 1 11 1 11 1 11	14 30 14 30 14 31 14 31 14 31 14 31	8 21 8 21 8 21 8 21 8 21	22 12 22 12 22 12 22 12 22 12 22 12 22 12	22 2 22 2 22 3 22 3 22 4	10 45 10 42 10 39 10 36	16 24 16 24 16 23	
M19 T 20 W21 T 22	-	20 27 4 23 30 4 25 17 3 25 29 2 23 59 0	8 24 58 46 24 49 7 24 37 13 24 23 6 24 8 50 23 51 31 23 32	1 57 1 57 1 57 1 55 1 53		1 4 1 2	22 56 22 50 22 44	1 10 1 10 1 10 1 10 1 10	18 5	0 52 0 52	7 15 7 14 7 12 7 11 7 9 7 8 7 6	2 11 2 11 2 10 2 10 2 10	-	0 24 0 24 0 24 0 24 0 24	22 18 22 18 22 18 22 18 22 18 22 18 22 18 22 18	1 11 1 11 1 11 1 11 1 11	14 31 14 31 14 32 14 32 14 32 14 32 14 32	8 21 8 21 8 21 8 21 8 21	22 12 22 13 22 13 22 13 22 13 22 14 22 14	22 5 22 5 22 6 22 6 22 7	10 22 10 19	16 21 16 21 16 20 16 19 16 19	5 8 5 8 5 8 5 8 5 8 5 8 5 8
T 29	23 26 23 24 23 21 23 19 23 16 23n12	10 56 3 4 56 4 1 s14 4 7 14 5	50 23 11 2 22 50 1 22 27 44 22 3 10 21 38 17 21n11	1 44 1 39 1 34 1 29	21 29 21 40 21 51 22 1 22 11 22n20	0 51 0 48 0 46 0 43 0 41 0s38	22 24 22 17 22 10	1 10 1 10 1 10 1 10	18 17 18 20 18 23 18 26 18 29 18n31	0 52 0 52 0 52 0 52 0 52 0 52 0 s52	7 5 7 3 7 2 7 0 6 58 6n56	2 10 2 9 2 9 2 9	23 21 23 21 23 22 23 22 23 22 23 22 23 s22	0 24 0 24 0 24 0 24	22 18 22 18 22 18 22 18 22 18 22 18 22 18	1 11 1 11 1 11 1 10	14 32 14 32 14 32 14 33 14 33 14n33	8 21 8 21 8 21 8 21	22 14 22 13 22 13 22 13 22 13 22 s13	22 8 22 9 22 9	10 1 9 58 9 55	16 18 16 17 16 17 16 16 16 16 16s15	5 8

Julian Day Number = 2326053.5, Delta T = 38.85 sec Ecliptic obliquity =  $23^{\circ}29'05$ , Nutation =  $0^{\circ}00'15$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $19^{\circ}56'40$ , Lahiri =  $19^{\circ}03'41$ Greg. Calendar

JULY 1656 GC 00:00 UT

UUL	1030	uc													00.0	0 01
Day	Sid.t	0	D	ğ	P	♂	4	ħ	)મ(	卉	В	S.	v	Ç	Ŗ	Day
S 1	18 38 41	9 <b>93</b> 5'35	3 <b>M</b> 42	3 <b>N</b> 4	19 <b>Ⅱ</b> 34	279543	26 <b>8</b> 32	17 <b>m</b> 32	11°R35	28°R35	17 <b>I</b> 8	18°R23	18 <b>궁</b> 44	26≈16	5°R43	S 1
S 2	18 42 38	10°32'45	17° 1	4°31	20°47	28°22	26°44	17°36	11 <b>る</b> 33	28 <b>~</b> 34	17°10	18 <b>궁</b> 22	18°41	26°23	5 <b>₹</b> 40	S 2
M 3	18 46 35	11°29'56	0 <b>才</b> 4	5°56	22° 0	29° 0	26°56	17°41	11°30	28°32	17°11	18°21	18°38	26°30	5°37	M 3
T 4	18 50 31	12°27'07	12°52	7°18	23°13	29°38	27° 8	17°45	11°28	28°31	17°12	18°20	18°34	26°36	5°34	T 4
W 5	18 54 28	13°24'18	25°28	8°38	24°26	$0\Omega$ 16	27°19	17°49	11°25	28°29	17°14	18°20	18°31	26°43	5°31	W 5
T 6	18 58 24	14°21'28	7 <b>궁</b> 51	9°56	25°39	0°54	27°31	17°54	11°23	28°27	17°15	18°19	18°28	26°50	5°29	T 6
F 7	19 2 21	15°18'40	20° 3	11°12	26°52	1°32	27°43	17°59	11°21	28°26	17°16	18°D19	18°25	26°56	5°26	F 7
S 8	19 6 17	16°15'51	2≈ 6	12°25	28° 5	2°10	27°54	18° 3	11°18	28°24	17°17	18°19	18°22	27° 3	5°23	S 8
S 9	19 10 14	17°13'03	14° 2	13°35	29°18	2°48	28° 6	18° 8	11°16	28°23	17°19	18°20	18°19	27°10	5°21	S 9
M10	19 14 10	18°10'15	25°54	14°43	0ജ31	3°26	28°17	18°13	11°13	28°21	17°20	18°R20	18°15	27°16	5°18	M10
T 11	19 18 7	19° 7'27	7 <b>) (</b> 43	15°48	1°45	4° 4	28°29	18°18	11°11	28°20	17°21	18°20	18°12	27°23	5°16	T 11
W12	19 22 4	20° 4'40	19°35	16°50	2°58	4°42	28°40	18°23	11° 9	28°18	17°22	18°19	18° 9	27°30	5°14	W12
T 13	19 26 0	21° 1'54	1 <b>Y</b> 31	17°49	4°11	5°21	28°51	18°28	11° 6	28°17	17°24	18°19	18° 6	27°36	5°11	T 13
F 14	19 29 57	21°59'09	13°37	18°45	5°24	5°59	29° 2	18°33	11° 4	28°15	17°25	18°19	18° 3	27°43	5° 9	F 14
S 15	19 33 53	22°56'24	25°57	19°39	6°37	6°37	29°13	18°38	11° 2	28°14	17°26	18°D19	17°59	27°50	5° 7	S 15
S 16	19 37 50	23°53'40	8 <b>8</b> 36	20°29	7°51	7°15	29°24	18°43	10°59	28°13	17°27	18°19	17°56	27°56	5° 5	S 16
M17	19 41 46	24°50'57	21°36	21°15	9° 4	7°53	29°35	18°49	10°57	28°11	17°28	18°20	17°53	28° 3	5° 3	M17
T 18	19 45 43	25°48'15	5 <b>I</b> 0	21°58	10°17	8°31	29°46	18°54	10°55	28°10	17°29	18°20	17°50	28°10	5° 2	T 18
W19	19 49 39	26°45'34	18°51	22°38	11°31	9° 9	29°56	19° 0	10°52	28° 8	17°31	18°21	17°47	28°17	5° 0	W19
T 20	19 53 36	27°42'54	3 <b>9</b> 5 7	23°13	12°44	9°47	0 <b>I</b> 7	19° 5	10°50	28° 7	17°32	18°22	17°44	28°23	4°58	T 20
F 21	19 57 33	28°40'14	17°45	23°45	13°58	10°25	0°17	19°11	10°48	28° 6	17°33	18°R22	17°40	28°30	4°57	F 21
S 22	20 1 29	29°37'36	2 <b>Ω</b> 39	24°12	15°11	11° 3	0°27	19°16	10°45	28° 4	17°34	18°22	17°37	28°37	4°55	S 22
S 23	20 5 26	0 <b>Ω</b> 34'58	17°42	24°35	16°25	11°41	0°38	19°22	10°43	28° 3	17°35	18°21	17°34	28°43	4°54	S 23
M24	20 9 22	1°32'20	2 <b>m</b> 44	24°53	17°38	12°19	0°48	19°28	10°41	28° 2	17°36	18°19	17°31	28°50	4°53	M24
T 25	20 13 19	2°29'43	17°38	25° 7	18°52	12°57	0°58	19°34	10°39	28° 0	17°37	18°18	17°28	28°57	4°51	T 25
W26	20 17 15	3°27'07	2 <b>≏</b> 16	25°16	20° 5	13°36	1° 8	19°39	10°37	27°59	17°38	18°16	17°25	29° 3	4°50	W26
T 27	20 21 12	4°24'31	16°33	25°R20	21°19	14°14	1°17	19°45	10°34	27°58	17°39	18°15	17°21	29°10	4°49	T 27
F 28	20 25 8	5°21'56	0 <b>M</b> 26	25°18	22°32	14°52	1°27	19°51	10°32	27°57	17°40	18°D14	17°18	29°17	4°48	F 28
S 29	20 29 5	6°19'22	13°57	25°12	23°46	15°30	1°37	19°57	10°30	27°56	17°41	18°14	17°15	29°23	4°48	S 29
S 30	20 33 2	7°16'49	27° 5	25° 0	25° 0	16° 8	1°46	20° 4	10°28	27°54	17°42	18°15	17°12	29°30	4°47	S 30
M31	20 36 58	8 <b>Ω</b> 14'16	9 <b>.7</b> 54	24 <b>Ω</b> 43	269513	16 <b>Ω</b> 46	1 <b>Ⅱ</b> 55	20 Mp 10	10 <b>궁</b> 26	27 <b>×</b> 753	17 <b>Ⅱ</b> 43	18 <b>궁</b> 16	17 <b>る</b> 9	29≈37	4 <b>₹</b> 46	M31

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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
S 1	23n 8	17 s33	5 s 6	20n45	1n16	22n29	0s36	21n48	1n10	18n34	0 s52	6n55	2n 9	23 s22	0 s24	22 s18	1n10	14n33	8 s 2 1	22 s13	22 s10	9 s 5 0	16s15	5n 8
S 2 M 3	22 59	21 23 24 3	4 38 3 57	19 49	1 1	22 36 22 44	0 31	21 41 21 33	1 10	18 37 18 40	0 52 0 52	6 53 6 51	2 8	23 23 23 23	0 24	22 18 22 18	1 10	14 33 14 33	8 21	22 13 22 13	22 11	9 44	16 15 16 14	5 8 5 7
T 4 W 5 T 6 F 7	22 48 22 43	25 26 25 28 24 13 21 50	3 4 2 4 0 58 0n10	18 51 18 22					1 10 1 10	18 42 18 45 18 48 18 50	0 52 0 52 0 52 0 52	6 49 6 47 6 45 6 43	2 8 2 8	23 23 23 23 23 24 23 24	0 24 0 24	22 18 22 18 22 18 22 18	1 10 1 10	14 33 14 33 14 33 14 33	8 21 8 21	22 14 22 14 22 14	22 12	9 38 9 35	16 14 16 13 16 13 16 13	5 7 5 7 5 7 5 7
S 8		18 30	1 16			23 10		20 51		18 53		6 41		23 24		22 18		14 33		22 14			16 13	5 7
S 9 M10 T 11 W12 T 13 F 14 S 15		9 52 4 57 0n 8	2 18 3 14 4 1 4 38 5 4 5 16 5 15	16 23 15 53 15 24 14 55 14 26	0s 5 0 16 0 27 0 38 0 50	23 13 23 16 23 18 23 19 23 20 23 19 23 19	0 13 0 11 0 8 0 6	19 57	1 10 1 10 1 10 1 10 1 10	19 3 19 5	0 52 0 52 0 52 0 52 0 52 0 52	6 39 6 37 6 35 6 33 6 31 6 29 6 27	2 7 2 7 2 7 2 7 2 7 2 7	23 24 23 24 23 25 23 25 23 25 23 25 23 25 23 25	0 24 0 24 0 24 0 24 0 24	22 18 22 18 22 18 22 18 22 18 22 18 22 18 22 18	1 10 1 10 1 10 1 10 1 10	14 34 14 34 14 34 14 34 14 34 14 34	8 21 8 21 8 21 8 22 8 22	22 14 22 14 22 14 22 14 22 14	22 14 22 14 22 15 22 15 22 16 22 16 22 16	9 24 9 21 9 18 9 15 9 12	16 12 16 12 16 12 16 12 16 11 16 11 16 11	5 6 5 6 5 6 5 6 5 6 5 6 5 5
S 16 M17 T 18 W19 T 20 F 21 S 22	21 12 21 1 20 51 20 39 20 28	19 5 22 28 24 45 25 37 24 50 22 22 18 20	4 58 4 26 3 38 2 36 1 24 0 3 1 s18	13 4 12 38 12 13 11 49 11 26	1 28 1 40 1 53 2 6 2 19	23 17 23 15 23 12 23 9 23 4 22 59 22 54	0 5 0 7 0 10 0 12 0 14	19 28 19 18 19 8 18 57	1 10 1 10 1 10 1 10 1 10	19 12 19 15 19 17 19 19 19 21 19 23 19 25	0 53 0 53 0 53 0 53 0 53 0 53 0 53	6 25 6 22 6 20 6 18 6 16 6 13 6 11	2 6 2 6 2 6 2 6 2 6	23 26 23 26 23 26 23 26 23 26 23 27 23 27	0 24 0 24 0 24 0 24 0 24	22 18 22 18 22 18 22 18 22 18 22 18 22 18 22 18	1 10 1 10 1 10 1 10 1 10	14 34 14 34 14 34 14 34 14 34 14 34	8 22 8 22 8 22 8 22 8 22	22 14 22 14 22 13 22 13	22 17 22 18 22 18 22 18 22 19	9 3 9 0 8 57 8 54 8 51	16 11 16 11 16 11 16 11 16 11 16 11 16 11	5 5 5 5 5 4 5 4 5 4 5 4
S 23 M24 T 25 W26 T 27 F 28 S 29	19 51 19 38 19 25 19 12 18 58 18 44	0 43 5 s 3 3 11 22 16 28 20 35	2 35 3 42 4 32 5 4 5 16 5 9 4 45	10 27 10 10 9 56 9 43 9 32 9 24	2 58 3 11 3 24 3 36 3 47 3 58	21 56	0 22 0 24 0 26 0 29 0 31 0 33	18 4 17 53 17 42 17 31 17 19	1 10 1 10 1 10 1 10 1 9 1 9	19 28 19 30 19 32 19 34 19 35 19 37 19 39	0 53 0 53 0 53 0 53 0 53 0 53 0 53	6 9 6 6 6 4 6 1 5 59 5 57 5 54	2 6 2 6 2 5 2 5 2 5 2 5	23 27 23 27 23 27 23 27 23 28 23 28 23 28 23 28	0 24 0 24 0 24 0 24 0 24 0 24	22 18 22 18 22 18 22 18 22 18	1 10 1 10 1 10 1 10 1 10 1 10	14 34 14 34 14 34 14 34 14 34 14 34	8 22 8 22 8 22 8 23 8 23 8 23	22 14 22 14 22 14 22 14 22 14 22 14	22 20 22 21 22 21 22 21 22 22 22 22	8 43 8 40 8 37 8 34 8 31 8 28	16 11 16 11 16 11 16 11 16 11 16 11	5 3 5 3 5 3 5 3 5 2 5 2 5 2
S 30 M31		23 32 25 s13	4 6 3s16	9 18 9n15		21 45 21n34	0 35 0n38	17 8 16n56		19 41 19n43	0 53 0 s53	5 52 5n49		23 28 23 s28	-	22 18 22 s18		14 34 14n34	-		22 23 22 s23		16 11 16s11	5 2 5n 1

Julian Day Number = 2326083.5, Delta T = 38.79 sec Ecliptic obliquity = 23°29'05, Nutation =  $0^{\circ}00'16$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $19^{\circ}56'44$ , Lahiri =  $19^{\circ}03'45$ Greg. Calendar

AUGUST 1656 GC 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ	)∤(	并	В	S.	v	Ç	ķ	Day
T 1	20 40 55	9Ω11'44	22 <b>×</b> 27	24°R21	279527	17 <b>Ω</b> 24	2 <b>I</b> 4	20 <b>m</b> )16	10°R24	27°R52	17 <b>I</b> I44	18 <b>궁</b> 18	17る 5	29≈43	4°R46	T 1
W 2	20 44 51	10° 9'12	4 <b>⋜</b> 46	23€53	28°41	18° 2	2°13	20°22	10 <b>る</b> 22	27 <b>×</b> 751	17°45	18°19	17° 2	29°50	4 <b>₹</b> 45	W 2
T 3	20 48 48	11° 6'42	16°55	23°21	29°55	18°40	2°22	20°28	10°20	27°50	17°46	18°R20	16°59	29°57	4°45	T 3
F 4	20 52 44	12° 4'13	28°56	22°45	1 <b>N</b> 8	19°18	2°31	20°35	10°18	27°49	17°47	18°19	16°56	0 <b>∺</b> 3	4°45	F 4
S 5	20 56 41	13° 1'44	10≈51	22° 4	2°22	19°56	2°40	20°41	10°16	27°48	17°48	18°18	16°53	0°10	4°45	S 5
S 6	21 0 37	13°59'17	22°43	21°20	3°36	20°34	2°48	20°48	10°14	27°47	17°49	18°15	16°50	0°17	4°D45	S 6
M 7	21 4 34	14°56'51	4 <b>) (</b> 33	20°33	4°50	21°13	2°57	20°54	10°12	27°46	17°49	18°11	16°46	0°23	4°45	M 7
T 8	21 8 31	15°54'26	16°23	19°44	6° 4	21°51	3° 5	21° 1	10°11	27°45	17°50	18° 6	16°43	0°30	4°45	T 8
W 9	21 12 27	16°52'03	28°17	18°54	7°18	22°29	3°13	21° 7	10° 9	27°44	17°51	18° 1	16°40	0°37	4°45	W 9
T 10	21 16 24	17°49'41	10 <b>Υ</b> 15	18° 4	8°32	23° 7	3°21	21°14	10° 7	27°43	17°52	17°57	16°37	0°43	4°45	T 10
F 11	21 20 20	18°47'20	22°23	17°14	9°46	23°45	3°29	21°20	10° 5	27°42	17°53	17°53	16°34	0°50	4°46	F 11
S 12	21 24 17	19°45'01	4842	16°27	11° 0	24°23	3°37	21°27	10° 4	27°41	17°53	17°51	16°31	0°57	4°46	S 12
S 13	21 28 13	20°42'44	17°17	15°41	12°14	25° 1	3°44	21°34	10° 2	27°41	17°54	17°D50	16°27	1° 4	4°47	S 13
M14	21 32 10	21°40'29	0 <b>Ⅱ</b> 12	15° 0	13°28	25°39	3°52	21°41	10° 0	27°40	17°55	17°50	16°24	1°10	4°48	M14
T 15	21 36 6	22°38'15	13°30	14°23	14°42	26°17	3°59	21°47	9°59	27°39	17°56	17°51	16°21	1°17	4°49	T 15
W16	21 40 3	23°36'03	27°13	13°51	15°56	26°56	4° 6	21°54	9°57	27°38	17°56	17°52	16°18	1°24	4°50	W16
T 17	21 44 0	24°33'52	119524	13°25	17°10	27°34	4°13	22° 1	9°56	27°38	17°57	17°R54	16°15	1°30	4°51	T 17
F 18	21 47 56	25°31'44	26° 0	13° 7	18°25	28°12	4°20	22° 8	9°54	27°37	17°58	17°53	16°11	1°37	4°52	F 18
S 19	21 51 53	26°29'37	10 <b>Ω</b> 57	12°55	19°39	28°50	4°27	22°15	9°53	27°36	17°58	17°52	16° 8	1°44	4°53	S 19
S 20	21 55 49	27°27'31	26° 8	12°D51	20°53	29°28	4°33	22°22	9°52	27°36	17°59	17°48	16° 5	1°50	4°54	S 20
M21	21 59 46	28°25'27	11 <b>m</b> 24	12°55	22° 7	0 <b>m</b> ) 7	4°40	22°29	9°50	27°35	17°59	17°43	16° 2	1°57	4°55	M21
T 22	22 3 42	29°23'24	26°33	13° 7	23°22	0°45	4°46	22°36	9°49	27°34	18° 0	17°37	15°59	2° 4	4°57	T 22
W23	22 7 39	0 m 21'23	11 <b>≏</b> 27	13°27	24°36	1°23	4°52	22°43	9°48	27°34	18° 1	17°31	15°56	2°10	4°59	W23
T 24	22 11 35	1°19'23	25°57	13°55	25°50	2° 1	4°58	22°50	9°46	27°33	18° 1	17°25	15°52	2°17	5° 0	T 24
F 25	22 15 32	2°17'25	9 <b>M</b> 59	14°31	27° 5	2°39	5° 4	22°57	9°45	27°33	18° 2	17°22	15°49	2°24	5° 2	F 25
S 26	22 19 29	3°15'28	23°34	15°15	28°19	3°18	5° 9	23° 5	9°44	27°32	18° 2	17°19	15°46	2°30	5° 4	S 26
S 27	22 23 25	4°13'32	6 <b>₮</b> 41	16° 7	29°33	3°56	5°15	23°12	9°43	27°32	18° 3	17°D19	15°43	2°37	5° 6	S 27
M28	22 27 22	5°11'38	1 <u>9</u> °25	17° 6	0 <b>m</b> /48	4°34	5°20	23°19	9°42	27°32	18° 3	17°20	15°40	2°44	5° 8	M28
T 29	22 31 18	6° 9'45	1 <b>궁</b> 50	18°12	2° 2	5°12	5°25	23°26	9°41	27°31	18° 3	17°21	15°37	2°51	5°10	T 29
W30	22 35 15	7° 7'54	14° 0	19°24	3°17	5°51	5°30	23°33	9°40	27°31	18° 4	17°R22	15°33	2°57	5°12	W30
T 31	22 39 11	8Mp 6'04	26 <b>ප</b> 0	20 <b>Ω</b> 43	4 <b>m</b> 31	6Mp29	5 <b>Ⅱ</b> 35	23 Mp 41	9 <b>る</b> 39	27 <b>∡</b> 731	18 <b>I</b> 4	17 <b>る</b> 22	15 <b>る</b> 30	3 <b>光</b> 4	5 <b>₹</b> 15	T 31

Day	0	D	ğ	·	a	7	24	ŀ	ħ	<u> </u>	)į	β(	<del>1</del> 4	(	Р		'n	v	Ç	ķ	
	decl	decl lat	decl lat	t decl la	it decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl la	t	decl	decl	decl	decl	lat
T 1 W 2	17n59 17 44	25 s34 2 s18 24 38 1 14		- '	0n40 16n45 0 42 16 33		19n45 19 46	0 s53 0 53	5n47 5 44		23 s28 23 29		22 s18 22 18	1n10 1 10	-		-	22 s23 22 24		16s12 16 12	5n 1
T 3 F 4	17 28 17 12	22 32 0 8 19 28 0n58			0 44 16 21 0 46 16 9	1 9 1 9		0 54 0 54	5 41 5 39	2 5 2 5	23 29 23 29		22 18 22 18	1 10 1 10	-	-		22 24 22 25		16 12 16 12	5 0 5 0
S 5 S 6	16 56 16 40	15 36 2 1 11 10 2 58			0 48 15 57 0 50 15 45	1 9	19 51 19 53	0 54	5 36 5 34	2 4			22 18 22 19	1 9				22 25 22 25		16 13 16 13	5 0
M 7 T 8	16 23 16 6	6 20 3 47	10 5 4	4 49 19 56	0 52 15 32 0 54 15 20	1 9	19 54 19 56	0 54 0 54	5 31 5 28	2 4 2 4	23 29	0 24	-	1 9	14 34	8 24	22 15	22 26 22 26	8 2	16 13 16 13	4 59 4 59
W 9 T 10	15 49 15 31	8 49 5 10	11 2 4	4 37 19 5	0 56 15 7 0 57 14 55	1 8	19 59	0 54 0 54	5 26 5 23	2 4 2 4	23 30	0 24	22 19 22 19	1 9	14 34	8 24	22 17	22 27 22 27	7 56 7 53	16 14 16 14	4 59 4 58
F 11 S 12		17 48 4 59	11 48 4	4 20 18 29	0 59 14 42 1 1 14 29	1 8 1 8	20 2	0 54 0 54	5 20 5 18	2 4 2 4	23 30	0 24	22 19 22 19	1 9	14 34	8 24	22 18	22 27 22 28	7 47	16 14 16 15	4 58 4 58
S 13 M14 T 15	14 37 14 18 14 0	_			1 2 14 16 1 4 14 3 1 6 13 50	1 8 1 8 1 8	20 4	0 54 0 54 0 54	5 15 5 12 5 9	2 4 2 4 2 4	23 30	0 24	22 19 22 19 22 19	1 9 1 9 1 9	14 34	8 24	22 18	22 28 22 29 22 29	-	16 15 16 16 16 16	4 58 4 57 4 57
W16 T 17	13 41 13 22	25 18 1 50 23 35 0 35	13 24 3 13 47 3	3 27 17 9 3 11 16 48	1 7 13 37 1 8 13 24	1 8 1 8	20 7 20 8	0 54 0 55	5 7 5 4	2 4 2 4	23 30 23 31	0 24 0 24	22 19 22 19	1 9 1 9	14 33 14 33	8 25 2 8 25 2	22 17 22 17	22 29 22 30	7 35 7 32	16 17 16 17	4 57 4 56
F 18 S 19	13 2 12 42		-		1 10 13 11 1 11 12 57	1 7 1 7	20 9 20 11	0 55 0 55	5 1 4 58	2 4 2 4			22 19 22 19	1 9				22 30 22 30		16 18 16 18	4 56 4 56
S 20 M21	12 23 12 3	3 27 4 10	15 3 2	2 0 15 19	1 12 12 44 1 14 12 30	1 7	20 13	0 55 0 55	4 55 4 53	2 3 2 3	23 31	0 24	-	1 9	14 33	8 25	22 19	22 31 22 31	7 21	16 19 16 19	4 55 4 55
T 22 W23 T 24	11 42 11 22 11 1	3s 3 4 49 9 15 5 8 14 47 5 6	15 29 1	1 23 14 32	1 15 12 16 1 16 12 3 1 17 11 49	1 7 1 7 1 7	20 15	0 55 0 55 0 55	4 50 4 47 4 44	2 3 2 3 2 3	23 31	0 24	22 19 22 19 22 19	1 9 1 9 1 9	14 33	8 26	22 20	22 32 22 32 22 32	7 15	16 20 16 20 16 21	4 55 4 54 4 54
F 25 S 26	10 41	19 21 4 46	15 44 0	0 48 13 44	1 18 11 35 1 19 11 21	1 7		0 55 0 55	4 41 4 38	2 3 2 3	23 31	0 24	22 19	1 9	14 33	8 26	22 21	22 33 22 33	7 9	16 22 16 22	4 54 4 53
S 27 M28	9 59 9 37	-			1 20 11 7 1 20 10 53		20 19 20 19	0 55 0 55	4 36 4 33	2 3 2 3		-	22 19 22 19	1 9 1 9		-		22 33 22 34		16 23 16 23	4 53 4 53
T 29 W30	8 55		15 28 0	28 11 36	1 21 10 38 1 22 10 24	1 6	20 20 20 21	0 55 0 56	4 30 4 27	2 3	23 32 23 32	0 24	22 19 22 19	1 8	14 32	8 27	22 21	22 34 22 35	6 54	16 24 16 25	4 53 4 52
T 31	8n33	20s14 0n46	15n15 0	0n40 11n 9	1n22 10n10	In 6	20n22	0 s 5 6	4n24	2n 3	23 s32	Us24	22 s 19	1n 8	14n32	8 S2 / 2	22 S2 I	22 s35	6851	16 s 26	4n52

Julian Day Number = 2326114.5, Delta T = 38.73 sec Ecliptic obliquity = 23°29'05, Nutation =  $0^{\circ}00'17$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $19^{\circ}56'49$ , Lahiri =  $19^{\circ}03'49$ Greg. Calendar

SEPTEMBER 1656 GC 00:00 UT

Day	Sid.t	0	D	Ϋ́	·	ð	4	ħ	)ţ(	卉	Р	n	v	Ç	ę,	Day
F 1	22 43 8	9 <b>m</b> 4'16	7≈54	22 <b>N</b> 7	5 Mp 46	7Mp 7	5 <b>Ⅱ</b> 39	23 Mp 48	9°R38	27°R31	18 <b>I</b> 5	17°R19	15 <b>云</b> 27	3 <b>∺</b> 11	5 <b>₹</b> 17	F 1
S 2	22 47 4	10° 2'29	19°44	23°36	7° 0	7°46	5°44	23°55	9 <b>궁</b> 37	27 <b>∡</b> 730	18° 5	17 <b>る</b> 15	15°24	3°17	5°19	S 2
	22 51 1	11° 0'44	1 <b>)</b> €34	25° 9	8°15	8°24	5°48	24° 3	9°37	27°30	18° 5	17° 8	15°21	3°24	5°22	S 3
	22 54 58	11°59'01	13°25	26°47	9°29	9° 2	5°52	24°10	9°36	27°30	18° 6	16°59	15°17	3°31	5°25	M 4
-	22 58 54	12°57'20	25°19	28°28	10°44	9°41	5°56	24°17	9°35	27°30	18° 6	16°48	15°14	3°37	5°27	T 5
	23 2 51	13°55'40	7 <b>Ƴ</b> 19	0 Mp 11	11°58	10°19	6° 0	24°25	9°35	27°30	18° 6	16°38	15°11	3°44	5°30	W 6
	23 6 47	14°54'02	19°24	1°58	13°13	10°57	6° 3	24°32	9°34	27°30	18° 6	16°27	15° 8	3°51	5°33	T 7
	23 10 44	15°52'27	1 <b>8</b> 38	3°46	14°28	11°36	6° 6	24°39	9°34	27°D30	18° 7	16°18	15° 5	3°57	5°36	F 8
S 9	23 14 40	16°50'54	14° 1	5°35	15°42	12°14	6° 9	24°47	9°33	27°30	18° 7	16°11	15° 2	4° 4	5°39	S 9
	23 18 37	17°49'22	26°38	7°26	16°57	12°52	6°12	24°54	9°33	27°30	18° 7	16° 7	14°58	4°11	5°43	S 10
	23 22 33	18°47'53	9 <b>Ⅲ</b> 31	9°18	18°12	13°31	6°15	25° 2	9°32	27°30	18° 7	16° 4	14°55	4°17	5°46	M11
	23 26 30	19°46'27	22°43	11°10	19°26	14° 9	6°18	25° 9	9°32	27°30	18° 7	16°D 4	14°52	4°24	5°49	T 12
	23 30 27	20°45'02	69917	13° 2	20°41	14°48	6°20	25°16	9°32	27°30	18° 7	16° 5	14°49	4°31	5°53	W13
	23 34 23	21°43'40	20°15	14°55	21°56	15°26	6°22	25°24	9°31	27°30	18° 7	16°R 5	14°46	4°38	5°56	T 14
	23 38 20	22°42'20	4 <b>Ω</b> 39	16°47	23°11	16° 5	6°24	25°31	9°31	27°30	18° 7	16° 3	14°42	4°44	6° 0	F 15
S 16	23 42 16	23°41'02	19°25	18°39	24°25	16°43	6°26	25°39	9°31	27°31	18° 7	16° 0	14°39	4°51	6° 3	S 16
S 17	23 46 13	24°39'46	4 <b>m</b> 29	20°30	25°40	17°21	6°28	25°46	9°31	27°31	18°R 7	15°54	14°36	4°58	6° 7	S 17
	23 50 9	25°38'32	19°42	22°21	26°55	18° 0	6°29	25°54	9°D31	27°31	18° 7	15°45	14°33	5° 4	6°11	M18
	23 54 6	26°37'20	4 <b>₾</b> 53	24°11	28°10	18°39	6°30	26° 1	9°31	27°31	18° 7	15°35	14°30	5°11	6°15	T 19
	23 58 2	27°36'11	19°52	26° 0	29°25	19°17	6°31	26° 9	9°31	27°32	18° 7	15°24	14°27	5°18	6°19	W20
T 21	0 1 59	28°35'03	4 <b>M</b> .30	27°49	0 <b>ჲ</b> 39	19°56	6°32	26°16	9°31	27°32	18° 7	15°15	14°23	5°24	6°23	T 21
F 22	0 5 56	29°33'57	18°40	29°37	1°54	20°34	6°32	26°23	9°31	27°33	18° 7	15° 7	14°20	5°31	6°27	F 22
S 23	0 9 52	0 <b>≏</b> 32'53	2 <b>~</b> 21	1 <b>≏</b> 24	3° 9	21°13	6°33	26°31	9°32	27°33	18° 7	15° 2	14°17	5°38	6°31	S 23
S 24	0 13 49	1°31'51	15°33	3°10	4°24	21°51	6°R33	26°38	9°32	27°34	18° 7	14°59	14°14	5°44	6°36	S 24
M25	0 17 45	2°30'50	2 <u>8</u> °19	4°55	5°39	22°30	6°33	26°46	9°32	27°34	18° 7	14°D58	14°11	5°51	6°40	M25
T 26	0 21 42	3°29'51	10 <b>る</b> 43	6°40	6°54	23° 9	6°33	26°53	9°33	27°35	18° 7	14°R58	14° 8	5°58	6°45	T 26
W27	0 25 38	4°28'54	22°51	8°23	8° 9	23°47	6°32	27° 1	9°33	27°35	18° 6	14°58	14° 4	6° 5	6°49	W27
T 28	0 29 35	5°27'59	4≈48	10° 6	9°23	24°26	6°32	27° 8	9°34	27°36	18° 6	14°56	14° 1	6°11	6°54	T 28
F 29	0 33 31	6°27'06	16°38	11°48	10°38	25° 4	6°31	27°15	9°34	27°37	18° 6	14°53	13°58	6°18	6°58	F 29
S 30	0 37 28	7 <b>≏</b> 26'14	28 <b>≈</b> 27	13 <b>≏</b> 29	11 <b>≏</b> 53	25 <b>M</b> 43	6 <b>Ⅱ</b> 30	27 Mp 23	9 <b>ප</b> 35	27 <b>×</b> 37	18 <b>I</b> I 6	14 <b>る</b> 46	13 <b>る</b> 55	6 <b>∺</b> 25	7 <b>.₹</b> 3	S 30

Day	0	J	)	ζ		ç	)	ď	7	2	ł	ħ	l.	)į	<del>j</del> (	4	(	В	)	n	Ω	Ç	ķ	
	decl	decl l	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1 S 2	8n11 7 49	16s35 12 19	-	14n59 14 39	0n51 1 2	-	1n23 1 23	9n56 9 41		20n22 20 23	0 s 5 6 0 5 6	4n21 4 18		23 s32 23 32		22 s19 22 19	1n 8				22 s35 22 36		16s26 16 27	4n52 4 51
$\begin{bmatrix} S & Z \\ S & 3 \end{bmatrix}$																								
M 4	7 27 7 5	7 36 2 37	3 34	14 17 13 51	1 11	9 47 9 19	1 24 1 24	9 27 9 12	1 5		0 56 0 56	4 15 4 12	2 3 2 3		0 24	22 19 22 19	1 8	14 32 14 32			22 36 22 36	-	16 28 16 29	4 51
T 5	6 42	2n28	4 43	13 23	1 27	8 51	1 24	8 57	1 5	20 25	0 56	4 9	2 3		0 24		1 8	14 32			22 37	6 36	16 29	4 50
W 6	6 20	7 30	-	12 52	1 33	8 23	1 25	8 43	1 5		0 56	4 7	2 3			22 20	1 8	14 31			22 37		16 30	4 50
T 7 F 8	5 58 5 35	12 17 16 39	-	12 19 11 44	1 38 1 42	7 55 7 26	1 25 1 25	8 28 8 13	1 4		0 56 0 56	4 4 4	2 3 2 3			-	1 8	14 31 14 31			22 37 22 38		16 31 16 32	4 50 4 50
S 9		20 22	4 29	11 6	1 45		1 25	7 58	1 4		0 56	3 58	2 3				1 8				22 38		16 32	4 49
S 10	4 49	23 12	3 52	10 27	1 47	6 28	1 25	7 43	1 4	20 27	0 56	3 55	2 3	23 32	0 24	22 20	1 8	14 31	8 28	22 31	22 39	6 22	16 33	4 49
M11	4 26		3 2		1 49	5 59	1 25	7 28	1 4		0 57	3 52	2 3				1 8	_			22 39		16 34	4 49
T 12 W13	4 3 40		2 1 0 52	9 5 8 22	1 50 1 49	5 29 4 59	1 25 1 24	7 13 6 58	1 4		0 57 0 57	3 49 3 46	2 3 2 3		0 24 0 24	-	1 8	-		-	22 39 22 40		16 35 16 36	4 48 4 48
T 14	-	21 35	0 s22	7 37	1 49	4 39	1 24	6 43	1 3		0 57	3 43	2 3				1 8	_			22 40		16 37	4 48
F 15	2 54	17 34	1 37	6 53	1 47	4 0	1 24	6 28	1 3		0 57	3 40	2 3			22 20	1 8	14 30			22 40	6 7	16 38	4 48
S 16	2 31	12 22	2 47	6 7	1 45	3 30	1 23	6 13	1 3	20 29	0 57	3 37	2 3	23 32	0 24	22 20	1 8	14 30	8 29	22 31	22 41	6 4	16 38	4 47
S 17	2 7	6 21	3 47	5 21	1 43	2 59	1 23	5 58	1 3		0 57	3 34	2 3			22 20	1 8			22 32			16 39	4 47
M18 T 19	1 44	0s 5 6 29	4 32 4 57	4 34 3 47	1 40 1 36	2 29	1 22 1 22	5 43 5 27	1 2		0 57 0 57	3 31 3 28	2 3 2 3		0 24	22 20 22 20	1 8				22 41 22 42		16 40 16 41	4 47 4 47
W20	0 57	12 25	5 1	3 47	1 30	1 28	1 22	5 12	1 2		0 57	3 25	2 3		0 24	-	1 7			-	22 42		16 41	4 47
T 21	0 34	17 31	4 45	2 13	1 28	0 58	1 20	4 57	1 2		0 57	3 22	2 3		0 24		1 7	14 29	8 30	22 37	22 42		16 43	4 46
F 22	0 10		4 12	1 26	1 23		1 19	4 41	1 1	20 30	0 57	3 20	2 4				1 7				22 43		16 44	4 46
S 23	0 s13		3 26	0 39	1 18	0s 3	1 18	4 26	1 1	20 30	0 58	3 17	2 4	23 32		22 20	1 7	14 29			22 43	5 43	16 45	4 46
S 24	0 37		2 29	0s 8	1 13		1 17	4 10	1 1	20 30	0 58	3 14	2 4			22 20	1 7				22 43		16 46	4 45
M25 T 26	1 0	24 56 23 26	1 27 0 23	0 55 1 42	1 8	1 5 1 35	1 16 1 15	3 55 3 39	1 1	20 30 20 30	0 58 0 58	3 11 3 8	2 4			22 21 22 21	1 7	14 29 14 29			22 44 22 44		16 47 16 48	4 45 4 45
W27		20 52	0n42	2 28	0 56	2 6	1 14	3 24		20 30	0 58	3 5	2 4			22 21	1 7				22 44		16 49	4 45
T 28	2 11	17 26	1 43	3 14	0 50	2 36	1 13	3 8		20 29	0 58	3 2	2 4			22 21	1 7	14 28			22 45		16 50	4 44
F 29	-	13 21	2 39	4 0	0 44	3 7	1 12	2 53		20 29	0 58	2 59	2 4		-	22 21	1 7				22 45		16 51	4 44
S 30	2 s57	8 s47	3n28	4 s45	0n37	3 s38	lnll	2n37	In 0	20n29	0 s58	2n56	2n 4	23 s32	0s23	22 s21	In 7	14n28	8s31	22 s40	22 s45	5 s23	16 s 5 2	4n44

 $\label{eq:Julian Day Number = 2326145.5, Delta T = 38.68 sec} \\ Ecliptic obliquity = 23°29'05, Nutation = 0°00'17, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 19°56'53, Lahiri = 19°03'53Greg. Calendar$ 

OCTOBER 1656 GC 00:00 UT

UCIU	DEK TO	JU UC													00.0	0 01
Day	Sid.t	0	D	ğ	P	ď	4	ħ	)∤(	并	В	v	ಬ	Ç	ķ	Day
S 1	0 41 24	8 <b>≏</b> 25'24	10 <b>)</b> 18	15 <b>♀</b> 9	13☎ 8	26 <b>m</b> 22	6°R29	27 <b>m</b> 30	9 <b>ට</b> 35	27 <b>×</b> 38	18°R 5	14°R37	13 <b>る</b> 52	6 <b>∺</b> 31	7 <b>.</b> ₹ 8	S 1
M 2	0 45 21	9°24'36	22°13	16°48	14°23	27° 1	6 <b>Ⅱ</b> 27	27°37	9°36	27°39	18 <b>I</b> 5	14 <b>る</b> 25	13°48	6°38	7°13	M 2
T 3	0 49 18	10°23'51	4 <b>Υ</b> 14	18°27	15°38	27°39	6°26	27°45	9°37	27°40	18° 5	14°11	13°45	6°45	7°18	T 3
W 4	0 53 14	11°23'07	16°23	20° 5	16°53	28°18	6°24	27°52	9°38	27°40	18° 4	13°57	13°42	6°51	7°23	W 4
T 5	0 57 11	12°22'25	28°40	21°42	18° 8	28°57	6°22	27°59	9°38	27°41	18° 4	13°43	13°39	6°58	7°28	T 5
F 6	1 1 7	13°21'46	118 7	23°18	19°23	29°35	6°20	28° 7	9°39	27°42	18° 4	13°31	13°36	7° 5	7°33	F 6
S 7	1 5 4	14°21'08	23°43	24°54	20°38	0 <b>ჲ</b> 14	6°17	28°14	9°40	27°43	18° 3	13°22	13°33	7°11	7°38	S 7
S 8	1 9 0	15°20'33	6Д30	26°29	21°53	0°53	6°15	28°21	9°41	27°44	18° 3	13°15	13°29	7°18	7°43	S 8
M 9	1 12 57	16°20'01	19°29	28° 3	23° 8	1°32	6°12	28°28	9°42	27°45	18° 2	13°11	13°26	7°25	7°49	M 9
T 10	1 16 53	17°19'30	29543	29°36	24°23	2°11	6° 9	28°36	9°43	27°46	18° 2	13°10	13°23	7°32	7°54	T 10
W11	1 20 50	18°19'02	16°13	1 <b>M</b> 9	25°38	2°50	6° 5	28°43	9°45	27°47	18° 1	13°10	13°20	7°38	7°59	W11
T 12	1 24 47	19°18'36	$0\Omega$ 3	2°42	26°53	3°29	6° 2	28°50	9°46	27°48	18° 1	13°10	13°17	7°45	8° 5	T 12
F 13	1 28 43	20°18'13	14°12	4°13	28° 8	4° 7	5°58	28°57	9°47	27°49	18° 0	13° 8	13°14	7°52	8°10	F 13
S 14	1 32 40	21°17'52	28°40	5°44	29°23	4°46	5°55	29° 4	9°48	27°50	18° 0	13° 4	13°10	7°58	8°16	S 14
S 15	1 36 36	22°17'33	13 <b>m</b> 24	7°15	0 <b>M</b> .38	5°25	5°51	29°11	9°50	27°52	17°59	12°58	13° 7	8° 5	8°22	S 15
M16	1 40 33	23°17'16	28°18	8°44	1°53	6° 4	5°47	29°18	9°51	27°53	17°59	12°48	13° 4	8°12	8°27	M16
T 17	1 44 29	24°17'02	13 <b>≏</b> 14	10°14	3° 8	6°43	5°42	29°25	9°52	27°54	17°58	12°37	13° 1	8°18	8°33	T 17
W18	1 48 26	25°16'49	28° 2	11°42	4°23	7°22	5°38	29°32	9°54	27°55	17°57	12°26	12°58	8°25	8°39	W18
T 19	1 52 22	26°16'39	12 <b>M</b> .34	13°10	5°38	8° 1	5°33	29°39	9°55	27°57	17°57	12°15	12°54	8°32	8°45	T 19
F 20	1 56 19	27°16'30	26°44	14°37	6°53	8°40	5°28	29°46	9°57	27°58	17°56	12° 6	12°51	8°39	8°51	F 20
S 21	2 0 16	28°16'24	10 <b>×</b> 27	16° 4	8° 8	9°19	5°23	29°53	9°59	27°59	17°55	12° 0	12°48	8°45	8°57	S 21
S 22	2 4 12	29°16'19	23°42	17°30	9°23	9°58	5°18	29°59	10° 0	28° 1	17°55	11°56	12°45	8°52	9° 3	S 22
M23	2 8 9	OM 16'16	6 <b>ප</b> 31	18°55	10°38	10°37	5°13	0요 7	10° 2	28° 2	17°54	11°D55	12°42	8°59	9° 9	M23
T 24	2 12 5	1°16'14	18°59	20°19	11°53	11°17	5° 7	0°14	10° 4	28° 3	17°53	11°55	12°39	9° 5	9°15	T 24
W25	2 16 2	2°16'15	1≈ 9	21°43	13° 8	11°56	5° 1	0°20	10° 6	28° 5	17°52	11°R55	12°35	9°12	9°21	W25
T 26	2 19 58	3°16'16	13° 7	23° 5	14°23	12°35	4°55	0°27	10° 7	28° 6	17°52	11°55	12°32	9°19	9°27	T 26
F 27	2 23 55	4°16'20	24°58	24°27	15°38	13°14	4°49	0°34	10° 9	28° 8	17°51	11°52	12°29	9°25	9°34	F 27
S 28	2 27 51	5°16'25	6 <b>)</b> 48	25°48	16°53	13°53	4°43	0°40	10°11	28° 9	17°50	11°48	12°26	9°32	9°40	S 28
S 29	2 31 48	6°16'31	18°41	27° 8	18° 8	14°32	4°37	0°47	10°13	28°11	17°49	11°40	12°23	9°39	9°46	S 29
M30	2 35 45	7°16'39	<b>0</b> Υ40	28°27	19°23	15°12	4°31	0°53	10°15	28°12	17°48	11°31	12°19	9°46	9°53	M30
T 31	2 39 41	8 <b>M</b> .16'49	12 <b>Y</b> 48	29 <b>M</b> .44	20 <b>M</b> .38	15 <b>≏</b> 51	4 <b>Ⅱ</b> 24	1 <b>♀</b> 0	10 <b>ਰ</b> 17	28 <b>×</b> 14	17 <b>Ⅱ</b> 48	11 <b>る</b> 20	12 <b>る</b> 16	9 <b>∺</b> 52	9 <b>∡</b> 759	T 31

Day	0	D	ğ	Q	ď	4	ħ	)∤(	并	Р	w v	Ç	, k
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl decl	decl	decl lat
S 1 M 2	3 s21 3 44	3 s53 4n 8 1n10 4 38	5 s 3 0 0 n 3 1 6 1 5 0 2 4			20n29 0s58 20 28 0 58	2n54 2n 4 2 51 2 4		22 s21 1n 7 22 21 1 7		22 s41 22 s46 22 42 22 46		16s53 4n44 16 54 4 43
T 3	4 7	6 12 4 55				20 28 0 58	2 48 2 4				22 44 22 46		16 55 4 43
W 4		11 3 4 59				20 28 0 58	2 45 2 4				22 45 22 4		16 56 4 43
T 5	4 54	15 32 4 50	8 25 0 4	6 9 1 3 1	19 0 58	20 27 0 58	2 42 2 4	23 31 0 23	22 21 1 7	14 27 8 32	22 47 22 47	5 8	16 57 4 43
F 6	5 17	19 24 4 26	9 7 0s 3	6 39 1 2 1		20 27 0 58	2 39 2 4	23 31 0 23	22 21 1 7	14 27 8 32	22 48 22 47	5 5	16 58 4 43
S 7	5 40	22 26 3 49	9 49 0 10	7 9 1 0 0	0 58	20 26 0 58	2 36 2 5	23 31 0 23	22 21 1 7	14 27 8 32	22 49 22 48	5 2	16 59 4 42
S 8	6 3	24 24 3 1	10 30 0 17	7 38 0 59 0	32 0 58	20 26 0 59	2 34 2 5	23 31 0 23	22 21 1 7	14 27 8 32	22 49 22 48	4 59	17 0 4 42
M 9	6 26	25 5 2 2	11 10 0 24	8 8 0 57 0	16 0 57	20 25 0 59	2 31 2 5	23 31 0 23	22 21 1 7	14 27 8 32	22 50 22 48	4 56	17 1 4 42
T 10	6 49	24 22 0 55	11 50 0 31	8 37 0 55 0	0 0 57	20 25 0 59	2 28 2 5	23 31 0 23	22 21 1 7	14 26 8 32	22 50 22 49	4 53	17 2 4 42
W11			12 29 0 38			20 24 0 59	2 25 2 5		22 21 1 7		22 50 22 49		
T 12		18 45 1 28	13 8 0 45			20 24 0 59	2 23 2 5		22 22 1 6		22 50 22 49		
F 13		14 7 2 36				20 23 0 59	2 20 2 5		22 22 1 6		22 50 22 50		
S 14	8 19	8 35 3 36	14 22 0 58	3 10 32 0 47 1	3 0 56	20 22 0 59	2 17 2 5	23 30 0 23	22 22 1 6	14 26 8 33	22 50 22 50	4 41	17 6 4 41
S 15	8 42	2 30 4 22	14 59 1 5	11 0 0 45 1	18 0 56	20 21 0 59			22 22 1 6		22 51 22 50		17 7 4 41
M16	9 4	3 s46 4 51			34 0 55						22 52 22 5		
T 17	9 26	9 51 5 1				20 20 0 59					22 53 22 5		
W18	9 48		16 42 1 24			20 19 0 59					22 54 22 5		17 10 4 41
T 19 F 20	-	19 46 4 20				20 18 0 59			22 22 1 6		22 55 22 5		17 11 4 41
S 21	10 51		17 48 1 37 18 19 1 43			20 17 0 59 20 16 0 59	2 1 2 6		22 22 1 6 22 22 1 6		22 56 22 52 22 57 22 52		17 12 4 40 17 13 4 40
1													
S 22	11 14		18 49 1 48			20 16 0 59	1 56 2 6		22 22 1 6		22 57 22 52		17 14 4 40
M23 T 24	11 35 11 56		19 18 1 54 19 47 1 59			20 15 0 59 20 14 0 59		23 29 0 23 23 29 0 23			22 57 22 53 22 57 22 53	_	17 15 4 40 17 16 4 40
W25		18 19 1 40				20 14 0 59			22 22 1 6 22 22 1 6		22 57 22 53		17 16 4 40
T 26	-		20 14 2 3			20 13 0 39			22 22 1 6		22 57 22 54		17 17 4 40
F 27	12 58	9 57 3 28				20 10 0 59			22 22 1 6		22 57 22 54		17 19 4 40
S 28	13 18		21 29 2 19		42 0 52				22 22 1 6		22 58 22 54		17 20 4 40
S 29	13 38	0 12 4 39	21 52 2 23	17 2 0 14 4	57 0 51	20 8 0 59	1 38 2 7	23 28 0 23	22 23 1 6	14 23 8 34	22 58 22 54	1 3 57	17 21 4 40
M30	13 58		22 14 2 27		13 0 51				22 23 1 6		22 59 22 55		17 22 4 39
T 31	14 s18		22 s35 2 s30			20n 6 0s59			22 s23 1n 6		23 s 0 22 s55		17 s23 4n39

Julian Day Number = 2326175.5, Delta T = 38.62 sec Ecliptic obliquity = 23°29'05, Nutation =  $0^\circ00'16$ , out-of-bounds declination in red Ayanamsha: Fagan/Bradley =  $19^\circ56'57$ , Lahiri =  $19^\circ03'58$ Greg. Calendar

NOVEMBER 1656 GC 00:00 UT

11012	HIDEN 3	LUJU UC													00.0	0 0.
Day	Sid.t	0	D	ğ	φ	ď	4	ħ	)Å(	并	В	S.	v	Ç	ķ	Day
W 1	2 43 38	9 <b>M</b> 17'01	25 <b>Y</b> 8	1 <b>×</b> 7 0	21 <b>TL</b> 53	16 <b>₽</b> 30	4°R17	1 <u>₽</u> 6	10 <b>ට</b> 19	28 <b>х</b> 16	17°R47	11°R 8	12 <b>궁</b> 13	9 <b>)</b> 59	10 <b>√</b> 5	W 1
T 2	2 47 34	10°17'14	7 <b>8</b> 40	2°14	23° 8	17° 9	4 <b>Ⅱ</b> 11	1°12	10°22	28°17	17 <b>Ⅱ</b> 46	10 <b>궁</b> 56	12°10	10° 6	10°12	T 2
F 3	2 51 31	11°17'29	20°23	3°27	24°23	17°49	4° 4	1°19	10°24	28°19	17°45	10°46	12° 7	10°12	10°18	F 3
S 4	2 55 27	12°17'46	3耳18	4°38	25°38	18°28	3°57	1°25	10°26	28°21	17°44	10°38	12° 4	10°19	10°25	S 4
S 5	2 59 24	13°18'05	16°25	5°46	26°53	19° 7	3°49	1°31	10°28	28°22	17°43	10°33	12° 0	10°26	10°31	S 5
M 6	3 3 20	14°18'26	29°42	6°52	28° 8	19°47	3°42	1°37	10°31	28°24	17°42	10°30	11°57	10°32	10°38	M 6
T 7	3 7 17	15°18'48	139510	7°56	29°24	20°26	3°35	1°43	10°33	28°26	17°41	10°D30	11°54	10°39	10°45	T 7
W 8	3 11 14	16°19'13	26°49	8°56	0 <b>∡</b> 139	21° 5	3°27	1°50	10°35	28°28	17°40	10°30	11°51	10°46	10°51	W 8
T 9	3 15 10	17°19'39	10 <b>Ω</b> 40	9°53	1°54	21°45	3°20	1°55	10°38	28°29	17°39	10°R31	11°48	10°53	10°58	T 9
F 10	3 19 7	18°20'08	24°42	10°46	3° 9	22°24	3°12	2° 1	10°40	28°31	17°38	10°31	11°45	10°59	11° 5	F 10
S 11	3 23 3	19°20'38	8 <b>m</b> 55	11°35	4°24	23° 4	3° 4	2° 7	10°43	28°33	17°37	10°30	11°41	11° 6	11°11	S 11
S 12	3 27 0	20°21'10	23°17	12°18	5°39	23°43	2°57	2°13	10°45	28°35	17°36	10°26	11°38	11°13	11°18	S 12
M13	3 30 56	21°21'44	7 <b>≏</b> 45	12°56	6°54	24°23	2°49	2°19	10°48	28°37	17°35	10°20	11°35	11°19	11°25	M13
T 14	3 34 53	22°22'20	22°14	13°28	8° 9	25° 2	2°41	2°24	10°51	28°39	17°34	10°12	11°32	11°26	11°32	T 14
W15	3 38 49	23°22'57	6 <b>M</b> .38	13°53	9°24	25°42	2°33	2°30	10°53	28°41	17°33	10° 4	11°29	11°33	11°39	W15
T 16	3 42 46	24°23'36	20°49	14°10	10°39	26°21	2°25	2°36	10°56	28°43	17°32	9°57	11°25	11°39	11°46	T 16
F 17	3 46 43	25°24'17	4 <b>₹</b> 44	14°R19	11°54	27° 1	2°17	2°41	10°59	28°45	17°31	9°50	11°22	11°46	11°52	F 17
S 18	3 50 39	26°24'59	18°18	14°18	13° 9	27°41	2° 9	2°47	11° 1	28°47	17°30	9°46	11°19	11°53	11°59	S 18
S 19	3 54 36	27°25'42	1 <b>る</b> 29	14° 7	14°24	28°20	2° 1	2°52	11° 4	28°49	17°29	9°44	11°16	12° 0	12° 6	S 19
M20	3 58 32	28°26'26	14°18	13°46	15°39	29° 0	1°52	2°57	11° 7	28°51	17°28	9°D44	11°13	12° 6	12°13	M20
T 21	4 2 29	29°27'12	26°47	13°14	16°54	29°40	1°44	3° 2	11°10	28°53	17°27	9°45	11°10	12°13	12°20	T 21
W22	4 6 25	0 <b>≯</b> 27'58	9≈ 0	12°31	18° 9	0 <b>M</b> .19	1°36	3° 7	11°13	28°55	17°26	9°47	11° 6	12°20	12°27	W22
T 23	4 10 22	1°28'46	21° 0	11°38	19°24	0°59	1°28	3°13	11°16	28°57	17°24	9°48	11° 3	12°26	12°34	T 23
F 24	4 14 18	2°29'34	2 <b></b> ₩53	10°35	20°39	1°39	1°20	3°18	11°19	28°59	17°23	9°R49	11° 0	12°33	12°41	F 24
S 25	4 18 15	3°30'24	14°44	9°24	21°54	2°18	1°11	3°22	11°22	29° 1	17°22	9°48	10°57	12°40	12°48	S 25
S 26	4 22 12	4°31'14	26°38	8° 6	23° 9	2°58	1° 3	3°27	11°25	29° 3	17°21	9°45	10°54	12°47	12°55	S 26
M27	4 26 8	5°32'05	8 <b>Υ</b> 40	6°44	24°24	3°38	0°55	3°32	11°28	29° 5	17°20	9°41	10°51	12°53	13° 2	M27
T 28	4 30 5	6°32'58	20°52	5°22	25°39	4°18	0°47	3°37	11°31	29° 7	17°19	9°36	10°47	13° 0	13° 9	T 28
W29	4 34 1	7°33'51	3 <b>8</b> 19	4° 0	26°54	4°58	0°39	3°41	1 <u>1</u> °34	29° 9	17°18	9°31	1 <u>0</u> °44	13° 7	13°16	W29
T 30	4 37 58	8 <b>.7</b> 34'45	16 <b>8</b> 2	2 <b>~</b> 143	28 <b>×</b> 9	5 <b>M</b> .38	0 <b>Ⅲ</b> 31	3 <u><b>Ω</b></u> 46	11 <b>る</b> 37	29 <b>×</b> 11	17 <b>I</b> I16	9 <b>ට</b> 25	10 <b>궁</b> 41	13 <b>米</b> 13	13 <b>×</b> 23	T 30

Day	0	J	)	ğ		Q	)	3	•	2	+	ħ		)į	(	j	ŧ,	Е	)	n	Ω	Ç	Š,
	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
W 1 T 2	14 s37	14n18 18 22		22 s54 23 12		18s10 18 31	0n 7 0 4	5 s43 5 59		20n 5 20 3	0 s59 0 59	1n31 1 28		23 s28 23 28		22 s23 22 23		14n23 14 23		23 s 1 23 2	22 s55 22 56	3 s48	17 s24 4n39 17 25 4 39
F 3	15 15	21 38	3 54	23 28 23 43	2 38	18 52 19 13	0 2 0s 1	6 14 6 29	0 50 0 49	20 2	0 59 0 59	1 26 1 24	2 8	23 28 23 27	0 23	22 23 22 23	1 6	14 23		23 3	22 56	3 42	17 26 4 39 17 27 4 39
S 5	15 52	24 52	2 5	23 57	2 41	19 33	0 3	6 45	0 49	20 0	0 59	1 21	2 8	23 27	0 23	22 23	1 6	14 22	8 35	23 4	22 56	3 37	17 28 4 39
M 6 T 7	16 28	24 27 22 36		24 20	2 42	19 52 20 11	0 6 0 8	7 0 7 15	0 48	19 58 19 57	0 59 0 59	1 19 1 17	2 9 2 9	23 27	0 23	22 23 22 23	1 5	14 22	8 35	23 4 23 4	22 57	3 31	17 29 4 39 17 30 4 39
W 8 T 9 F 10	17 2 17 19	9 57	2 35 3 35	<ul><li>24 29</li><li>24 36</li><li>24 42</li></ul>	2 40 2 38	20 30 20 48 21 5	0 11 0 13 0 16	7 30 7 45 8 0	0 48 0 47	19 56 19 54 19 53	0 59 0 59 0 58	1 15 1 12 1 10	2 9	23 26 23 26	0 23 0 23	22 23 22 23 22 23	1 5 1 5	14 22 14 22	8 35 8 35	23 4 23 4	22 57 22 58 22 58	3 25 3 22	17 31 4 39 17 32 4 39
S 11 S 12 M13	17 36 17 52 18 8	1 s49	4 54	<ul><li>24 46</li><li>24 48</li><li>24 48</li></ul>		21 21 21 37 21 53	0 18 0 21 0 23	8 15 8 30 8 45	0 46	19 51 19 50 19 49	0 58 0 58 0 58	1 8 1 6 1 4	2 10	<ul><li>23 26</li><li>23 26</li><li>23 26</li></ul>	0 23	22 23 22 23 22 23	1 5	14 21 14 21 14 21		23 4	22 58 22 58 22 59	3 16	17 33 4 39 17 34 4 39 17 35 4 39
T 14 W15		13 19	5 0	24 48 24 45 24 41		22 8	0 25 0 25 0 28	9 0 9 15	0 46	19 49 19 47 19 46	0 58 0 58 0 58	1 4 1 2 1 0	2 10	23 25 23 25 23 25	0 23	22 23 22 23 22 23	1 5		8 35	23 5	22 59 22 59 22 59	3 10	17 36 4 39 17 36 4 39 17 37 4 39
T 16 F 17 S 18	19 9	21 44 24 2 24 51	2 58	<ul><li>24 34</li><li>24 25</li><li>24 13</li></ul>	1 52	22 35 22 48 23 0	0 30 0 33 0 35	9 30 9 44 9 59	0 45	19 44 19 43 19 41	0 58 0 58 0 58	0 58 0 56 0 54	2 11	23 25 23 25 23 24	0 23	22 24 22 24 22 24	1 5			23 7	23 0 23 0 23 0 23 0	3 1	17 38 4 39 17 39 4 39 17 39 4 39
S 19 M20		24 13 22 18	0 45	23 59 23 42	1 27	23 12 23 22		10 13 10 28		19 40 19 38	0 58 0 58	0 52 0 50	2 11	23 24 23 24	0 23	22 24 22 24	1 5	14 20			23 0	2 55	17 40 4 39
T 21 W22	20 17	19 21 15 36	1 31 2 32	23 21 22 58	0 38	23 32 23 42	0 42 0 45	10 42 10 57	0 42	19 37 19 35	0 57 0 57	0 48 0 46	2 12	23 24 23 23	0 23	22 24 22 24	1 5		8 35	23 7	23 1 23 1	2 49 2 47	17 42 4 39 17 43 4 39
T 23 F 24 S 25	20 30 20 42 20 54	11 17 6 35 1 41	4 9	22 33 22 4 21 34	0n 0	23 50 23 58 24 6		11 11 11 25 11 39	0 42	19 34 19 32 19 30	0 57 0 57 0 57	0 44 0 43 0 41	2 12	23 23 23 23 23 23	0 23	22 24 22 24 22 24	1 5			23 7	23 1 23 2 23 2	2 41	17 44 4 39
S 26	21 5	3n18	5 3	21 1	0 41	24 12	0 54	11 53	0 41	19 29	0 57	0 39	2 13	23 22	0 23	22 24	1 5	14 20	8 35	23 7	23 2	2 35	17 46 4 40
M27 T 28 W29	21 16 21 27 21 37	12 52	5 6	20 28 19 55 19 23	1 20	24 18 24 23 24 27	0 58	12 7 12 21 12 35	0 40	19 27 19 26 19 24	0 57 0 57 0 56	0 38 0 36 0 34	2 13	23 22 23 22 23 22	0 23	22 24 22 24 22 24	1 5	14 20	8 35	23 8	23 2 23 3 23 3	2 32 2 29 2 26	
T 30			-	18 s 5 2		24 s31	-	12 s49		19n23		0n33		23 s21		22 s24	-	14n19			23 s 3		17 s49 4n40

 $\label{eq:Julian Day Number = 2326206.5, Delta T = 38.56 sec} \\ Ecliptic obliquity = 23°29'04, Nutation = 0°00'15, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 19°57'01, Lahiri = 19°04'02Greg. Calendar$ 

DECEMBER 1656 GC 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ	)∤(	卉	Р	r	v	Ç	ę,	Day
F 1	4 41 54	9 <b>~</b> 35'40	29 <b>8</b> 2	1°R33	29 <b>×</b> 24	6 <b>M</b> 17	0°R23	3 <b>≙</b> 50	11 <b>る</b> 40	29 <b>х</b> 14	17°R15	9°R20	10 <b>궁</b> 38	13 <b>)</b> (20	13 <b>×</b> 30	F 1
S 2	4 45 51	10°36'36	12 <b>II</b> 18	0 <b>∡</b> 31	0 <b>궁</b> 39	6°57	0 <b>Ⅱ</b> 15	3°55	11°43	29°16	17 <b>Ⅱ</b> 14	9 <b>ට</b> 16	10°35	13°27	13°37	S 2
S 3	4 49 47	11°37'33	25°49	29 <b>IL</b> 40	1°54	7°37	0° 7	3°59	11°46	29°18	17°13	9°14	10°31	13°33	13°44	S 3
M 4	4 53 44	12°38'31	9932	28°59	3° 9	8°17	29 <b>8</b> 59	4° 3	11°50	29°20	17°12	9°D14	10°28	13°40	13°51	M 4
T 5	4 57 41	13°39'30	23°26	28°29	4°24	8°57	29°52	4° 7	11°53	29°22	17°11	9°14	10°25	13°47	13°58	T 5
W 6	5 1 37	14°40'30	$7\Omega$ 27	28°11	5°38	9°37	29°44	4°11	11°56	29°25	17° 9	9°16	10°22	13°54	14° 6	W 6
T 7	5 5 34	15°41'31	21°33	28°D 4	6°53	10°17	29°36	4°15	11°59	29°27	17° 8	9°17	10°19	14° 0	14°13	T 7
F 8	5 9 30	16°42'33	5 Mp 42	28° 7	8° 8	10°57	29°29	4°19	12° 3	29°29	17° 7	9°18	10°16	14° 7	14°20	F 8
S 9	5 13 27	17°43'36	19°52	28°20	9°23	11°37	29°21	4°22	12° 6	29°31	17° 6	9°R19	10°12	14°14	14°27	S 9
S 10	5 17 23	18°44'40	4 <u>₽</u> 2	28°41	10°38	12°17	29°14	4°26	12° 9	29°33	17° 5	9°18	10° 9	14°20	14°34	S 10
M11	5 21 20	19°45'45	18° 9	29°10	11°53	12°57	29° 7	4°30	12°13	29°36	17° 4	9°16	10° 6	14°27	14°41	M11
T 12	5 25 16	20°46'52	2M 10	29°47	13° 8	13°38	29° 0	4°33	12°16	29°38	17° 2	9°14	10° 3	14°34	14°48	T 12
W13	5 29 13	21°47'59	16° 4	0 <b>∡</b> 129	14°23	14°18	28°53	4°37	12°20	29°40	17° 1	9°11	10° 0	14°41	14°55	W13
T 14	5 33 10	22°49'06	29°47	1°18	15°38	14°58	28°46	4°40	12°23	29°42	17° 0	9° 9	9°57	14°47	15° 2	T 14
F 15	5 37 6	23°50'15	13 <b>х</b> 16	2°11	16°52	15°38	28°39	4°43	12°26	29°45	16°59	9° 7	9°53	14°54	15° 9	F 15
S 16	5 41 3	24°51'24	26°30	3° 8	18° 7	16°18	28°33	4°46	12°30	29°47	16°58	9° 6	9°50	15° 1	15°16	S 16
S 17	5 44 59	25°52'33	9 <b>ට</b> 27	4°10	19°22	16°59	28°26	4°49	12°33	29°49	16°57	9°D 5	9°47	15° 7	15°23	S 17
M18	5 48 56	26°53'43	22° 8	5°15	20°37	17°39	28°20	4°52	12°37	29°51	16°55	9° 6	9°44	15°14	15°30	M18
T 19	5 52 52	27°54'53	4≈33	6°22	21°52	18°19	28°14	4°55	12°40	29°54	16°54	9° 7	9°41	15°21	15°36	T 19
W20	5 56 49	28°56'03	16°45	7°33	23° 6	18°59	28° 8	4°57	12°44	29°56	16°53	9° 8	9°37	15°28	15°43	W20
T 21	6 0 46	2 <u>9°</u> 57'14	28°46	8°45	24°21	19°40	28° 2	5° 0	12°47	2 <u>9</u> °58	16°52	9° 9	9°34	15°34	15°50	T 21
F 22	6 4 42	0 <b>る</b> 58'24	10 <b>∺</b> 40	10° 0	25°36	20°20	27°56	5° 2	12°51	0ਰ 1	16°51	9°10	9°31	15°41	15°57	F 22
S 23	6 8 39	1°59'34	22°31	11°16	26°51	21° 0	27°50	5° 5	12°54	0° 3	16°50	9°10	9°28	15°48	16° 4	S 23
S 24	6 12 35	3° 0'44	4 <b>Υ</b> 25	12°34	28° 5	21°41	27°45	5° 7	12°58	0° 5	16°49	9°R10	9°25	15°54	16°11	S 24
M25	6 16 32	4° 1'54	16°25	13°54	29°20	22°21	27°40	5° 9	13° 1	0° 7	16°48	9°10	9°22	16° 1	16°18	M25
T 26	6 20 28	5° 3'04	28°37	15°15	0≈35	23° 1	27°35	5°11	13° 5	0°10	16°46	9°10	9°18	16° 8	16°24	T 26
W27	6 24 25	6° 4'14	118 4	16°37	1°49	23°42	27°30	5°13	13° 8	0°12	16°45	9° 9	9°15	16°15	16°31	W27
T 28	6 28 21	7° 5'24	23°51	18° 0	3° 4	24°22	27°25	5°15	13°12	0°14	16°44	9° 9	9°12	16°21	16°38	T 28
F 29	6 32 18	8° 6'33	6 <b>I</b> I59	19°23	4°19	25° 3	27°21	5°17	13°15	0°16	16°43	9° 9	9° 9	16°28	16°45	F 29
S 30	6 36 15	9° 7'42	20°29	20°48	5°33	25°43	27°16	5°19	13°19	0°19	16°42	9°D 9	9° 6	16°35	16°51	S 30
S 31	6 40 11	10පි 8'51	4920	22 <b>×</b> 14	6≈48	26M24	27812	5 <b>₽</b> 20	13 <b>る</b> 23	0 <b>ට</b> 21	16 <b>Ⅱ</b> 41	9°R 9	9 <b>ට</b> 3	16 <b>)</b> (41	16 <b>₹</b> 58	S 31

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 $\label{eq:Julian Day Number = 2326236.5, Delta T = 38.50 sec} \\ Ecliptic obliquity = 23°29'03, Nutation = 0°00'16, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 19°57'05, Lahiri = 19°04'06Greg. Calendar$