

Astrodienst Ephemeris Tables for the year 1655

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 1655 GC 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ)∤(卉	Р	n	v	Ç	ę,	Day
F 1	6 42 5	10 ට 38'27	26 ₽ 52	5°R47	0 පි 5	11 M 51	18) 8	9°R33	5 云 30	26 × 10	14°R37	16°R20	17≈42	25 × 33	23M39	F 1
S 2	6 46 2	11°39'37	9 m 4	4 궁 33	1°20	12°28	18°17	9 m 31	5°34	26°12	14 Ⅱ 36	16≈16	17°39	25°40	23°45	S 2
S 3	6 49 58	12°40'48	21° 6	3°25	2°35	13° 5	18°27	9°30	5°38	26°14	14°35	16°12	17°35	25°47	23°52	S 3
M 4	6 53 55	13°41'58	3 √ 1	2°25	3°51	13°43	18°37	9°28	5°41	26°16	14°34	16° 6	17°32	25°53	23°58	M 4
T 5	6 57 52	14°43'09	14°52	1°35	5° 6	14°20	18°47	9°27	5°45	26°18	14°33	16° 0	17°29	26° 0	24° 4	T 5
W 6	7 1 48	15°44'19	26°42	0°54	6°22	14°57	18°57	9°25	5°48	26°20	14°32	15°54	17°26	26° 7	24°10	W 6
T 7	7 5 45	16°45'29	8 云 32	0°23	7°37	15°35	19° 7	9°23	5°52	26°23	14°31	15°49	17°23	26°14	24°16	T 7
F 8	7 941	17°46'39	20°26	0° 2	8°53	16°12	19°17	9°21	5°55	26°25	14°30	15°45	17°20	26°20	24°22	F 8
S 9	7 13 38	18°47'49	2≈24	29 ৴ 50	10° 8	16°49	19°28	9°19	5°59	26°27	14°29	15°43	17°16	26°27	24°28	S 9
S 10	7 17 34	19°48'57	14°28	29°D47	11°23	17°27	19°38	9°17	6° 2	26°29	14°28	15°D42	17°13	26°34	24°33	S 10
M11	7 21 31	20°50'06	26°41	29°52	12°39	18° 4	19°49	9°14	6° 6	26°31	14°27	15°42	17°10	26°40	24°39	M11
T 12	7 25 28	21°51'13	9 ∺ 4	0중 6	13°54	18°41	20° 0	9°12	6° 9	26°33	14°26	15°44	17° 7	26°47	24°45	T 12
W13	7 29 24	22°52'20	21°40	0°26	15°10	19°18	20°10	9° 9	6°13	26°35	14°25	15°45	17° 4	26°54	24°50	W13
T 14	7 33 21	23°53'26	4 Υ 33	0°53	16°25	19°55	20°21	9° 7	6°16	26°37	14°24	15°47	17° 1	27° 0	24°56	T 14
F 15	7 37 17	24°54'31	17°45	1°26	17°40	20°32	20°32	9° 4	6°20	26°40	14°23	15°48	16°57	27° 7	25° 1	F 15
S 16	7 41 14	25°55'35	1819	2° 4	18°56	21° 9	20°44	9° 1	6°23	26°42	14°23	15°R48	16°54	27°14	25° 6	S 16
S 17	7 45 10	26°56'38	15°17	2°47	20°11	21°46	20°55	8°59	6°27	26°44	14°22	15°47	16°51	27°20	25°12	S 17
M18	7 49 7	27°57'40	29°37	3°34	21°27	22°23	21° 6	8°56	6°30	26°46	14°21	15°45	16°48	27°27	25°17	M18
T 19	7 53 3	28°58'41	14 I I17	4°26	22°42	23° 0	21°18	8°53	6°34	26°48	14°20	15°43	16°45	27°34	25°22	T 19
W20	7 57 0	29°59'41	29°13	5°21	23°57	23°37	21°29	8°49	6°37	26°50	14°19	15°41	16°41	27°41	25°27	W20
T 21	8 0 57	1≈ 0'40	149516	6°19	25°13	24°14	21°41	8°46	6°40	26°52	14°19	15°39	16°38	27°47	25°32	T 21
F 22	8 4 53	2° 1'38	29°18	7°20	26°28	24°51	21°53	8°43	6°44	26°54	14°18	15°38	16°35	27°54	25°37	F 22
S 23	8 8 50	3° 2'35	14 Ω 10	8°23	27°43	25°28	22° 5	8°40	6°47	26°55	14°17	15°D38	16°32	28° 1	25°41	S 23
S 24	8 12 46	4° 3'32	28°44	9°29	28°59	26° 5	22°16	8°36	6°50	26°57	14°17	15°38	16°29	28° 7	25°46	S 24
M25	8 16 43	5° 4'27	12 m 55	10°38	0≈14	26°42	22°28	8°33	6°54	26°59	14°16	15°39	16°26	28°14	25°50	M25
T 26	8 20 39	6° 5'21	26°40	11°48	1°29	27°19	22°41	8°29	6°57	27° 1	14°15	15°40	16°22	28°21	25°55	T 26
W27	8 24 36	7° 6'15	9 ≏ 58	13° 0	2°45	27°55	22°53	8°25	7° 0	27° 3	14°14	15°40	16°19	28°27	25°59	W27
T 28	8 28 32	8° 7'08	22°51	14°14	4° 0	28°32	23° 5	8°21	7° 3	27° 5	14°14	15°41	16°16	28°34	26° 4	T 28
F 29	8 32 29	9° 8'00	5 M 23	15°30	5°15	29° 9	23°17	8°18	7° 6	27° 7	14°13	15°R41	16°13	28°41	26° 8	F 29
S 30	8 36 26	10° 8'51	17°38	16°47	6°30	29°46	23°30	8°14	7°10	27° 8	14°13	15°41	16°10	28°47	26°12	S 30
S 31	8 40 22	11≈ 9'41	29 M 40	18궁 5	7 ≈ 46	0 ∡ 122	23) 42	8 m)10	7 궁 13	27 × 10	14 Ⅱ 12	15≈41	16≈ 7	28 × 754	26M16	S 31

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F 1 S 2	23 s 4 22 58			n 3 23 s32 0s 3 1 11 23 34 0 6	14 s32 0n56 14 43 0 56	5 s 5 0 1 s 1 4 5 4 6 1 1 4			22s15 1n11 22 15 1 11		15 s58 15 s3 15 59 15 3		
S 3 M 4 T 5 W 6	22 53 22 47 22 40 22 33	25 40 4 58	20 9 3 20 9 3			5 42 1 14 5 38 1 14 5 34 1 13 5 30 1 13	9 45 1 51 9 46 1 51	23 39 0 17 23 39 0 17	22 15 1 11 22 15 1 11 22 16 1 11 22 16 1 11	13 34 9 5 13 34 9 4	16 2 15 3 16 4 15 3		16 22 2 31 16 23 2 31
T 7 F 8 S 9	22 26 22 18	26 22 3 10 24 8 2 14 20 50 1 12	20 14 3 20 19 3 20 25 3	15 23 34 0 18 1 10 23 31 0 20 1 4 23 28 0 22 1	15 41 0 54 15 52 0 53 16 3 0 53	5 26 1 13 5 22 1 13 5 18 1 13	9 47 1 52 9 48 1 52 9 49 1 52	23 39 0 17 23 38 0 17 23 38 0 17	22 16 1 11 22 16 1 11 22 16 1 11	13 34 9 4 13 34 9 4 13 35 9 4	16 8 15 3 16 9 15 4 16 9 15 4	9 27 27 0 27 26 1 27 26	16 25 2 32 16 26 2 32 16 27 2 33
S 10 M11 T 12 W13 T 14	22 1 21 52 21 43 21 33 21 22	11 42 1n 0 6 15 2 5 0 28 3 5	20 40 2 20 48 2 20 57 2		16 25 0 52 16 35 0 52 16 46 0 51	5 13 1 13 5 9 1 12 5 5 1 12 5 0 1 12 4 56 1 12	9 52 1 53 9 53 1 53 9 54 1 53	23 38 0 17 23 38 0 17 23 38 0 17	22 16 1 11 22 16 1 11 22 16 1 11	13 35 9 3 13 35 9 3 13 35 9 3	16 9 15 4 16 9 15 4	27 25 44 27 25 45 27 24	
	21 11 21 0		21 16 2 21 25 2	13 22 55 0 36 1 3 22 47 0 38 1		4 51 1 12 4 47 1 12		23 37 0 17	22 16 1 11			27 23 28 27 23	
S 17 M18 T 19 W20 T 21 F 22 S 23	20 37 20 24 20 11 19 58 19 45	25 6 5 7 27 9 4 38 27 18 3 49 25 27 2 45 21 48 1 29	21 43 1 21 52 1 22 0 1 22 7 1 22 14 1	53 22 38 0 40 1 43 22 28 0 42 1 33 22 18 0 44 1 23 22 7 0 46 1 13 21 56 0 48 1 3 21 44 0 50 1 53 21 31 0 52 1	17 37 0 49 17 47 0 48 17 57 0 48 18 6 0 47 18 16 0 47	4 42 1 11 4 37 1 11 4 33 1 11 4 28 1 11 4 23 1 11 4 19 1 11 4 14 1 10	10 0 1 54 10 2 1 54 10 3 1 55 10 4 1 55 10 6 1 55	23 37 0 17 23 37 0 17 23 37 0 17 23 37 0 17 23 36 0 18	22 16 1 11 22 16 1 11 22 16 1 11 22 16 1 11 22 16 1 11	13 35 9 2 13 35 9 2 13 35 9 2 13 36 9 2 13 36 9 1	16 9 15 5 16 9 15 5	61 27 22 62 27 21 63 27 21 64 27 20	16 35 2 37 16 35 2 38 16 36 2 38 16 37 2 39 16 37 2 39
S 24 M25 T 26 W27 T 28 F 29 S 30	19 17 19 2 18 47 18 32 18 16 18 0	10 49 1 s 12 4 29 2 26 1 s 51 3 28 7 54 4 18 13 26 4 53 18 15 5 12	22 25 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	43 21 17 0 54 1 34 21 3 0 56 1 25 20 48 0 58 1 16 20 33 1 0 1 7 20 17 1 1 1 8 2 20 1 1 3 3	18 34 0 46 18 44 0 45	4 9 1 10 4 4 1 10 3 59 1 10 3 54 1 10 3 49 1 10 3 44 1 10 3 39 1 10	10 9 1 56 10 10 1 56 10 12 1 56 10 13 1 56 10 15 1 56 10 17 1 57	23 36 0 18 23 36 0 18 23 36 0 18 23 36 0 18 23 35 0 18 23 35 0 18		13 36 9 1 13 36 9 1 13 36 9 1 13 36 9 0 13 36 9 0 13 37 9 0	16 11 15 5 16 11 15 5 16 10 15 5 16 10 15 5 16 10 16	66 27 19 67 27 19 68 27 18 69 27 18	16 38 2 40 16 39 2 41 16 39 2 41 16 40 2 42 16 40 2 42 16 41 2 43

 $\label{eq:Julian Day Number = 2325536.5, Delta T = 39.83 sec} \\ Ecliptic obliquity = 23°29'09, Nutation = 0°00'12, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 19°55'29, Lahiri = 19°02'30Greg. Calendar$

FEBRUARY 1655 GC 00:00 UT

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M 1	8 44 19	12≈10'31	11 ~ 33	19 る 25	9≈ 1	0 ∡ 759	23) 55	8°R 6	7 궁 16	27 × 12	14°R11	15°R41	16≈ 3	29🖈 1	26M20	M 1
T 2	8 48 15	13°11'19	23°23	20°46	10°16	1°36	24° 8	8Mp 2	7°19	27°14	14 I I11	15≈40	16° 0	29° 7	26°24	T 2
W 3	8 52 12	14°12'06	5 る 13	22° 9	11°32	2°12	24°20	7°57	7°22	27°15	14°10	15°40	15°57	29°14	26°27	W 3
T 4	8 56 8	15°12'53	17° 5	23°32	12°47	2°49	24°33	7°53	7°25	27°17	14°10	15°D40	15°54	29°21	26°31	T 4
F 5	9 0 5	16°13'38	29° 5	24°56	14° 2	3°25	24°46	7°49	7°28	27°19	14° 9	15°40	15°51	29°28	26°34	F 5
S 6	9 4 1	17°14'21	11≈12	26°22	15°17	4° 2	24°59	7°45	7°31	27°20	14° 9	15°R40	15°47	29°34	26°38	S 6
S 7	9 7 58	18°15'04	23°30	27°49	16°32	4°38	25°12	7°40	7°34	27°22	14° 9	15°40	15°44	29°41	26°41	S 7
M 8	9 11 55	19°15'45	5) 59	29°16	17°48	5°14	25°25	7°36	7°37	27°24	14° 8	15°40	15°41	29°48	26°44	M 8
T 9	9 15 51	20°16'24	18°40	0≈45	19° 3	5°51	25°38	7°31	7°40	27°25	14° 8	15°39	15°38	29°54	26°47	T 9
W10	9 19 48	21°17'02	1 Y 35	2°14	20°18	6°27	25°52	7°27	7°43	27°27	14° 7	15°39	15°35	0ਰ 1	26°50	W10
T 11	9 23 44	22°17'38	14°43	3°45	21°33	7° 3	26° 5	7°22	7°46	27°28	14° 7	15°38	15°32	0° 8	26°53	T 11
F 12	9 27 41	23°18'12	28° 6	5°16	22°48	7°39	26°18	7°18	7°48	27°30	14° 7	15°37	15°28	0°14	26°56	F 12
S 13	9 31 37	24°18'45	11844	6°48	24° 4	8°16	26°32	7°13	7°51	27°31	14° 6	15°36	15°25	0°21	26°59	S 13
S 14	9 35 34	25°19'15	25°36	8°21	25°19	8°52	26°45	7° 9	7°54	27°33	14° 6	15°D36	15°22	0°28	27° 1	S 14
M15	9 39 30	26°19'44	9 Ⅱ 43	9°56	26°34	9°28	26°59	7° 4	7°56	27°34	14° 6	15°36	15°19	0°34	27° 4	M15
T 16	9 43 27	27°20'11	24° 3	11°31	27°49	10° 4	27°12	6°59	7°59	27°35	14° 6	15°37	15°16	0°41	27° 6	T 16
W17	9 47 24	28°20'36	8932	13° 7	29° 4	10°40	27°26	6°55	8° 2	27°37	14° 5	15°38	15°13	0°48	27° 9	W17
T 18	9 51 20	29°21'00	23° 8	14°44	0 ∺ 19	11°16	27°39	6°50	8° 4	27°38	14° 5	15°39	15° 9	0°54	27°11	T 18
F 19	9 55 17	0) €21'21	7 Ω 45	16°22	1°34	11°51	27°53	6°45	8° 7	27°39	14° 5	15°40	15° 6	1° 1	27°13	F 19
S 20	9 59 13	1°21'40	22°16	18° 1	2°49	12°27	28° 7	6°40	8° 9	27°40	14° 5	15°R40	15° 3	1° 8	27°15	S 20
S 21	10 3 10	2°21'58	6 m 37	19°41	4° 4	13° 3	28°21	6°35	8°12	27°42	14° 5	15°39	15° 0	1°14	27°17	S 21
M22	10 7 6	3°22'13	20°41	21°21	5°19	13°39	28°34	6°31	8°14	27°43	14° 5	15°37	14°57	1°21	27°18	M22
T 23	10 11 3	4°22'28	4 ≏ 25	23° 3	6°34	14°14	28°48	6°26	8°17	27°44	14° 5	15°35	14°53	1°28	27°20	T 23
W24	10 14 59	5°22'40	17°46	24°46	7°49	14°50	29° 2	6°21	8°19	27°45	14° 4	15°32	14°50	1°35	27°22	W24
T 25	10 18 56	6°22'51	0 M .44	26°30	9° 4	15°25	29°16	6°16	8°21	27°46	14° 4	15°29	14°47	1°41	27°23	T 25
F 26	10 22 53	7°23'00	13°21	28°15	10°19	16° 1	29°30	6°11	8°24	27°47	14° 4	15°26	14°44	1°48	27°24	F 26
S 27	10 26 49	8°23'08	25°40	0 ∺ 1	11°34	16°36	29°44	6° 7	8°26	27°48	14°D 4	15°25	14°41	1°55	27°26	S 27
S 28	10 30 46	9) 23'14	7 , 744	1) (49	12) (49	17 ∡ 12	29 米 58	6Mp 2	8 국 28	27 × 749	14∏ 4	15°D24	14≈38	2පි 1	27 M 27	S 28

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M 1	17 s11	26 s 5 6	4 s46	22 s31	0s27	19s 7	1 s 8	19 s44	0n41	3 s29	1s 9	10n22	1n57	23 s35	0s18	22 s17	1n11	13n37	8s59	16 s10	16s 3	27s15	16 s42	2n45
T 2	16 54	27 30	4 11	22 27	0 34	18 48	1 9	19 52	0 40	3 24	1 9	10 23	1 57	23 35	0 18	22 17	1 11	13 37	8 59	16 10	16 4	27 15	16 42	2 45
W 3	16 36	26 49	3 26	22 21	0 42	18 29	1 10	20 0	0 39	3 19	1 9	10 25	1 57	23 34	0 18	22 17	1 11	13 37	8 59	16 10	16 5	27 14	16 43	2 46
T 4	16 18	24 54	2 32	22 14	0 49	18 9	1 12	20 8	0 39	3 13	1 9	10 27	1 58	23 34	0 18	22 17	1 11	13 37	8 59	16 10	16 6	27 13	16 43	2 46
F 5	16 0	21 52	1 31	22 6	0 56	17 49	1 13	20 15	0 38	3 8	1 9	10 28	1 58	23 34	0 18	22 17	1 11	13 38		16 10		27 13		
S 6	15 42	17 51	0 25	21 57	1 3	17 28	1 14	20 23	0 37	3 3	1 9	10 30	1 58	23 34	0 18	22 17	1 11	13 38	8 58	16 10	16 8	27 12	16 44	2 47
S 7	15 23	13 2	0n43	21 46	1 9	17 6	1 15	20 30	0 37	2 58	1 9	10 32	1 58	23 34	0 18	22 17	1 11	13 38	8 58	16 10	16 9	27 12	16 44	2 48
M 8	15 4	7 38	1 50	21 34	1 15	16 45	1 16	20 37	0 36	2 52	1 8	10 34	1 58	23 34	0 18	22 17	1 11	13 38	8 58	16 10	16 10	27 11	16 44	2 48
T 9	14 45	1 50	2 53	21 21	1 21	16 22	1 18	20 45	0 35	2 47	1 8	10 36	1 58	23 34	0 18	22 17	1 11	13 38	8 58	16 10	16 11	27 11	16 44	2 49
W10	14 26	4n 7	3 48	21 6	1 27	15 59	1 19	20 52	0 35	2 42	1 8	10 37	1 59	23 33	0 18	22 17	1 11	13 38	8 57	16 11	16 12	27 10	16 44	2 50
T 11	14 6	9 59	4 32	20 50	1 32	15 36	1 19	20 58	0 34	2 36	1 8	10 39	1 59	23 33	0 18	22 17	1 11	13 39	8 57	16 11	16 13	27 9	16 44	2 50
F 12	13 47	15 31	5 2	20 33	1 37	15 12	1 20	21 5	0 33	2 31	1 8	10 41	1 59	23 33	0 18	22 17	1 11	13 39	8 57	16 11	16 14	27 9	16 45	2 51
S 13	13 27	20 23	5 16	20 14	1 41	14 48	1 21	21 12	0 32	2 25	1 8	10 43	1 59	23 33	0 18	22 17	1 11	13 39	8 57	16 11	16 15	27 8	16 45	2 51
S 14	13 6	24 15	5 12	19 54	1 46	14 24	1 22	21 18	0 32	2 20	1 8	10 45	1 59	23 33	0 18	22 17	1 11	13 39	8 57	16 11	16 16	27 7	16 45	2 52
M15	12 46	26 43	4 49	19 33	1 49	13 59	1 23	21 24	0 31	2 14	1 8	10 47	1 59	23 33	0 18	22 17	1 11	13 39	8 56	16 11	16 17	27 7	16 45	2 52
T 16	12 25	27 29	4 9	19 10	1 53	13 33	1 23	21 30	0 30	2 9	1 8	10 48	1 59	23 33	0 18	22 17	1 11	13 40	8 56	16 11	16 17	27 6	16 45	2 53
W17	12 4	26 24	3 11	18 46	1 56	13 8	1 24	21 36	0 29	2 4	1 8	10 50	1 59	23 32	0 18	22 17	1 11	13 40	8 56	16 11	16 18	27 5	16 45	2 54
T 18	11 43	23 30	2 2	18 21	1 59	12 42	1 24	21 42	0 28	1 58	1 8	10 52	1 59	23 32	0 18	22 17	1 11	13 40	8 56	16 11	16 19	27 5	16 44	2 54
F 19	11 22	19 4	0 44	17 54	2 2	12 16	1 25	21 48	0 28	1 52	1 7	10 54	2 0	23 32	0 18	22 17	1 11	13 40	8 55	16 10	16 20	27 4	16 44	2 55
S 20	11 1	13 32	0s36	17 25	2 4	11 49	1 25	21 54	0 27	1 47	1 7	10 56	2 0	23 32	0 18	22 17	1 11	13 41	8 55	16 10	16 21	27 3	16 44	2 55
S 21	10 39	7 21	1 53	16 56	2 5	11 22	1 26	21 59	0 26	1 41	1 7	10 58	2 0	23 32	0 18	22 17	1 11	13 41	8 55	16 11	16 22	27 3	16 44	2 56
M22	10 17	0 55	3 2	16 25	2 7	10 55	1 26	22 4	0 25	1 36	1 7	11 0	2 0	23 32	0 18	22 17	1 11	13 41	8 55	16 11	16 23	27 2	16 44	2 56
T 23	9 56	5 s23	3 58	15 52	2 8	10 27	1 26	22 9	0 24	1 30	1 7	11 2	2 0	23 32	0 18	22 17	1 11	13 41	8 54	16 12	16 24	27 1	16 44	2 57
W24	9 33	11 17	4 39	15 18	2 8	9 59	1 26	22 14	0 23	1 25	1 7	11 3	2 0	23 32	0 18	22 17	1 11	13 41	8 54	16 13	16 25	27 0	16 44	2 58
T 25	9 11	16 30	5 5	14 43	2 8	9 31	1 26	22 19	0 22	1 19	1 7	11 5	2 0	23 31	0 18	22 17	1 11	13 42	8 54	16 14	16 26	27 0	16 43	2 58
F 26	8 49	20 52	5 15	14 6	2 8	9 3	1 26	22 24	0 21	1 13	1 7	11 7	2 0	23 31	0 18	22 17	1 12	13 42	8 54	16 14	16 27	26 59	16 43	2 59
S 27	8 27	24 14	5 10	13 28	2 7	8 34	1 26	22 28	0 20	1 8	1 7	11 9	2 0	23 31	0 18	22 17	1 12	13 42	8 53	16 15	16 28	26 58	16 43	2 59
S 28	8s 4	26 s26	4s52	12 s48	2s 6	8s 5	1 s26	22 s33	0n19	1 s 2	1 s 7	11n11	2n 0	23 s31	0s18	22 s17	1n12	13n42	8 s 5 3	16 s 15	16 s29	26s57	16 s42	3n 0

Julian Day Number = 2325567.5, Delta T = 39.77 sec Ecliptic obliquity = $23^{\circ}29'09$, Nutation = $0^{\circ}00'13$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $19^{\circ}55'34$, Lahiri = $19^{\circ}02'34$ Greg. Calendar

MARCH 1655 GC 00:00 UT

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M 1	10 34 42	10) 23'19	19 × 39	3) €37	14) (4	17 .7 47	0 Υ12	5°R57	8 궁 30	27 ×7 50	14∏ 4	15≈24	14≈34	2る 8	27 M 28	M 1
T 2	10 38 39	11°23'22	1 云 29	5°26	15°19	18°22	0°27	5 m 52	8°32	27°51	14° 5	15°25	14°31	2°15	27°29	T 2
W 3	10 42 35	12°23'24	13°19	7°17	16°33	18°57	0°41	5°47	8°34	27°52	14° 5	15°27	14°28	2°21	27°29	W 3
T 4	10 46 32	13°23'23	25°14	9° 8	17°48	19°33	0°55	5°43	8°36	27°53	14° 5	15°29	14°25	2°28	27°30	T 4
F 5	10 50 28	14°23'21	7≈18	11° 1	19° 3	20° 8	1° 9	5°38	8°38	27°54	14° 5	15°30	14°22	2°35	27°31	F 5
S 6	10 54 25	15°23'18	19°34	12°55	20°18	20°43	1°23	5°33	8°40	27°55	14° 5	15°R31	14°18	2°41	27°31	S 6
S 7	10 58 22	16°23'12	2 ∺ 5	14°49	21°33	21°17	1°38	5°28	8°42	27°56	14° 5	15°29	14°15	2°48	27°31	S 7
M 8	11 2 18	17°23'04	14°53	16°45	22°48	21°52	1°52	5°24	8°44	27°56	14° 5	15°26	14°12	2°55	27°32	M 8
T 9	11 6 15	18°22'55	27°56	18°42	24° 2	22°27	2° 6	5°19	8°46	27°57	14° 6	15°22	14° 9	3° 1	27°32	T 9
W10	11 10 11	19°22'43	11 Y 16	20°39	25°17	23° 2	2°21	5°15	8°47	27°58	14° 6	15°17	14° 6	3°8	27°R32	W10
T 11	11 14 8	20°22'29	24°49	22°38	26°32	23°36	2°35	5°10	8°49	27°59	14° 6	15°11	14° 3	3°15	27°32	T 11
F 12	11 18 4	21°22'14	8 8 34	24°37	27°46	24°11	2°49	5° 5	8°51	27°59	14° 6	15° 5	13°59	3°21	27°31	F 12
S 13	11 22 1	22°21'56	22°29	26°36	29° 1	24°45	3° 4	5° 1	8°52	28° 0	14° 7	15° 1	13°56	3°28	27°31	S 13
S 14	11 25 57	23°21'35	6 II 30	28°36	0 Υ 16	25°19	3°18	4°56	8°54	28° 0	14° 7	14°58	13°53	3°35	27°31	S 14
M15	11 29 54	24°21'13	20°36	o Υ 37	1°30	25°54	3°33	4°52	8°55	28° 1	14° 7	14°D57	13°50	3°41	27°30	M15
T 16	11 33 51	25°20'48	49545	2°37	2°45	26°28	3°47	4°48	8°57	28° 1	14° 8	14°57	13°47	3°48	27°30	T 16
W17	11 37 47	26°20'21	18°56	4°37	4° 0	27° 2	4° 2	4°43	8°58	28° 2	14° 8	14°58	13°44	3°55	27°29	W17
T 18	11 41 44	27°19'51	3 Ω 7	6°36	5°14	27°36	4°16	4°39	9° 0	28° 2	14° 9	14°59	13°40	4° 1	27°28	T 18
F 19	11 45 40	28°19'20	17°15	8°35	6°29	28°10	4°31	4°35	9° 1	28° 3	14° 9	15°R 0	13°37	4° 8	27°27	F 19
S 20	11 49 37	29°18'45	1 m) 19	10°32	7°43	28°43	4°45	4°31	9° 2	28° 3	14°10	14°59	13°34	4°15	27°26	S 20
S 21	11 53 33	0 Υ 18'09	15°14	12°28	8°58	29°17	5° 0	4°27	9° 4	28° 3	14°10	14°55	13°31	4°22	27°25	S 21
M22	11 57 30	1°17'30	28°59	14°22	10°12	29°51	5°14	4°23	9° 5	28° 4	14°10	14°50	13°28	4°28	27°24	M22
T 23	12 1 26	2°16'50	12 ≏ 28	16°14	11°27	0 る 24	5°29	4°19	9° 6	28° 4	14°11	14°43	13°24	4°35	27°22	T 23
W24	12 5 23	3°16'07	25°40	18° 3	12°41	0°57	5°43	4°15	9° 7	28° 4	14°12	14°34	13°21	4°42	27°21	W24
T 25	12 9 19	4°15'22	8 M .34	19°48	13°55	1°31	5°58	4°11	9°8	28° 4	14°12	14°25	13°18	4°48	27°19	T 25
F 26	12 13 16	5°14'36	21°10	21°30	15°10	2° 4	6°12	4° 7	9° 9	28° 5	14°13	14°17	13°15	4°55	27°18	F 26
S 27	12 17 13	6°13'48	3 ₹ 29	23° 8	16°24	2°37	6°27	4° 3	9°10	28° 5	14°13	14°11	13°12	5° 2	27°16	S 27
S 28	12 21 9	7°12'57	15°34	24°42	17°38	3°10	6°41	4° 0	9°11	28° 5	14°14	14° 6	13° 9	5° 8	27°14	S 28
M29	12 25 6	8°12'06	27°29	26°11	18°53	3°43	6°56	3°56	9°11	28° 5	14°15	14° 3	13° 5	5°15	27°12	M29
T 30	12 29 2	9°11'12	9 云 20	27°35	20° 7	4°15	7°10	3°53	9°12	28° 5	14°15	14°D 2	13° 2	5°22	27°10	T 30
W31	12 32 59	10 Y 10'17	21 궁 10	28 Y 54	21 Y 21	4 る 48	7 Y 25	3 m 49	9 る 13	28°R 5	14Ⅱ16	14≈ 3	12≈59	5 云 28	27 M 8	W31

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 $\label{eq:Julian Day Number = 2325595.5, Delta T = 39.72 sec} \\ Ecliptic obliquity = 23°29'10, Nutation = 0°00'13, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 19°55'37, Lahiri = 19°02'38Greg. Calendar$

APRIL 1655 GC 00:00 UT

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T 1	12 36 55	11 ° 9'19	3≈ 6	08 7	22 Y 36	5 云 20	7 Ƴ 39	3°R46	9 ට 14	28°R 5	14 I I7	14≈ 4	12≈56	5 云 35	27°R 6	T 1
F 2	12 40 52	12° 8'20	15°12	1°15	23°50	5°53	7°54	3 Mp 43	9°14	28 × 5	14°17	14°R 4	12°53	5°42	27 m 3	F 2
S 3	12 44 48	13° 7'19	27°33	2°17	25° 4	6°25	8° 8	3°40	9°15	28° 5	14°18	14° 3	12°50	5°48	27° 1	S 3
S 4	12 48 45	14° 6'16	10) 13	3°12	26°18	6°57	8°23	3°37	9°15	28° 5	14°19	14° 0	12°46	5°55	26°59	S 4
M 5	12 52 42	15° 5'12	23°15	4° 1	27°32	7°29	8°37	3°34	9°16	28° 4	14°20	13°55	12°43	6° 2	26°56	M 5
T 6	12 56 38	16° 4'05	6 Υ 38	4°44	28°46	8° 0	8°52	3°31	9°16	28° 4	14°20	13°47	12°40	6° 8	26°53	T 6
W 7	13 0 35	17° 2'56	20°21	5°21	0 8 0	8°32	9° 6	3°28	9°17	28° 4	14°21	13°37	12°37	6°15	26°51	W 7
T 8	13 431	18° 1'46	4822	5°51	1°15	9° 3	9°20	3°25	9°17	28° 4	14°22	13°27	12°34	6°22	26°48	T 8
F 9	13 8 28	19° 0'33	18°35	6°15	2°29	9°35	9°35	3°22	9°17	28° 3	14°23	13°16	12°30	6°28	26°45	F 9
S 10	13 12 24	19°59'19	2Д54	6°32	3°43	10° 6	9°49	3°20	9°17	28° 3	14°24	13° 8	12°27	6°35	26°42	S 10
S 11	13 16 21	20°58'02	17°15	6°43	4°57	10°37	10° 4	3°17	9°17	28° 3	14°25	13° 1	12°24	6°42	26°39	S 11
M12	13 20 17	21°56'43	19934	6°R47	6°11	11° 7	10°18	3°15	9°18	28° 2	14°26	12°57	12°21	6°48	26°36	M12
T 13	13 24 14	22°55'21	15°46	6°46	7°25	11°38	10°32	3°13	9°R18	28° 2	14°27	12°56	12°18	6°55	26°33	T 13
W14	13 28 11	23°53'58	29°51	6°39	8°38	12° 8	10°47	3°11	9°18	28° 2	14°27	12°D56	12°15	7° 2	26°29	W14
T 15	13 32 7	24°52'32	13 Ω 48	6°26	9°52	12°39	11° 1	3° 8	9°18	28° 1	14°28	12°R56	12°11	7°8	26°26	T 15
F 16	13 36 4	25°51'04	27°36	6° 7	11° 6	13° 9	11°15	3° 6	9°17	28° 1	14°29	12°55	12° 8	7°15	26°22	F 16
S 17	13 40 0	26°49'33	11 m 15	5°44	12°20	13°38	11°30	3° 5	9°17	28° 0	14°30	12°52	12° 5	7°22	26°19	S 17
S 18	13 43 57	27°48'01	24°45	5°17	13°34	14° 8	11°44	3° 3	9°17	27°59	14°31	12°47	12° 2	7°28	26°15	S 18
M19	13 47 53	28°46'26	8 º 5	4°46	14°48	14°38	11°58	3° 1	9°17	27°59	14°32	12°39	11°59	7°35	26°12	M19
T 20	13 51 50	29°44'49	21°13	4°12	16° 1	15° 7	12°12	3° 0	9°16	27°58	14°33	12°28	11°55	7°42	26° 8	T 20
W21	13 55 46	0843'11	4M 8	3°35	17°15	15°36	12°26	2°58	9°16	27°58	14°34	12°15	11°52	7°48	26° 4	W21
T 22	13 59 43	1°41'31	16°49	2°57	18°29	16° 5	12°40	2°57	9°16	27°57	14°36	12° 2	11°49	7°55	26° 1	T 22
F 23	14 3 40	2°39'49	29°16	2°17	19°42	16°33	12°54	2°55	9°15	27°56	14°37	11°50	11°46	8° 2	25°57	F 23
S 24	14 7 36	3°38'05	11 × 129	1°37	20°56	17° 2	13° 8	2°54	9°15	27°55	14°38	11°39	11°43	8° 8	25°53	S 24
S 25	14 11 33	4°36'20	23°32	0°58	22°10	17°30	13°22	2°53	9°14	27°55	14°39	11°31	11°40	8°15	25°49	S 25
M26	14 15 29	5°34'33	5 국 25	0°20	23°23	17°58	13°36	2°52	9°14	27°54	14°40	11°26	11°36	8°22	25°45	M26
T 27	14 19 26	6°32'45	17°15	29 Y 43	24°37	18°26	13°50	2°51	9°13	27°53	14°41	11°23	11°33	8°28	25°41	T 27
W28	14 23 22	7°30'55	29° 4	29° 9	25°50	18°53	14° 4	2°50	9°12	27°52	14°42	11°22	11°30	8°35	25°37	W28
T 29	14 27 19	8°29'03	10≈59	28°37	27° 4	19°20	14°18	2°50	9°12	27°51	14°43	11°21	11°27	8°42	25°33	T 29
F 30	14 31 15	9 8 27'10	23≈ 5	28 Y 9	28 8 17	19 る 47	14 Y 32	2 Mp 49	9 ට 11	27 × 750	14∏44	11≈21	11≈24	8 天 48	25M29	F 30

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T 1	4n25	20s27 0s59	13n47 2n2	24 8n 2 0s50	23 s44 0 s21	2n 2 1s 6	12n 1 2n 0	23 s29 0 s19	22s16 1n13	13n51 8s46	16 s 38 16 s 58	26 s 30	16s20 3n19
F 2	4 48	16 13 On 6	14 19 2 3	33 8 31 0 48	23 44 0 23	2 8 1 6	12 2 2 0	23 29 0 19	22 16 1 13	13 51 8 46	16 38 16 59	26 29	16 18 3 19
S 3	5 11	11 13 1 12	14 48 2 4	41 9 0 0 46	23 44 0 25	2 13 1 6	12 3 2 0	23 29 0 19	22 16 1 13	13 52 8 45	16 39 17 (26 28	16 17 3 20
S 4	5 34	5 40 2 15	15 13 2 4	47 9 29 0 44	23 44 0 26	2 19 1 6	12 4 2 0	23 29 0 19	22 16 1 13	13 52 8 45	16 39 17	26 27	16 16 3 20
M 5	5 57	0n16 3 13	15 36 2 5	53 9 58 0 42	23 44 0 28	2 25 1 6	12 5 2 0	23 29 0 19	22 16 1 13	13 52 8 45	16 41 17 2	26 26	16 15 3 21
T 6	6 20	6 21 4 2	15 55 2 5	58 10 26 0 40	23 44 0 30	2 30 1 6	12 6 2 0	23 29 0 19	22 16 1 13	13 53 8 45	16 43 17 2	26 24	16 14 3 21
W 7	6 43	12 16 4 39	16 11 3	1 10 54 0 38	23 44 0 32	2 36 1 6	12 7 2 0	23 29 0 19	22 16 1 13	13 53 8 45	16 46 17 3	26 23	16 13 3 22
T 8	7 5	17 41 4 59	16 23 3	4 11 22 0 36	23 44 0 33	2 42 1 6	12 8 1 59	23 29 0 19	22 16 1 13	13 53 8 44	16 49 17	26 22	16 12 3 22
F 9	7 28	22 13 5 2	16 32 3	5 11 50 0 34	23 43 0 35	2 47 1 6	12 9 1 59	23 29 0 19	22 15 1 13	13 53 8 44	16 52 17 5	26 21	16 11 3 23
S 10	7 50	25 27 4 45	16 38 3	5 12 17 0 31	23 43 0 37	2 53 1 6	12 9 1 59	23 29 0 19	22 15 1 13	13 54 8 44	16 55 17 6	26 20	16 9 3 23
S 11	8 12	27 2 4 11	16 40 3	4 12 44 0 29	23 42 0 39	2 59 1 6	12 10 1 59	23 29 0 19	22 15 1 13	13 54 8 44	16 56 17	26 19	16 8 3 24
M12	8 34	26 50 3 21			23 42 0 41	3 4 1 6	12 11 1 59	23 29 0 19	22 15 1 13	13 54 8 44	16 57 17 8	26 18	16 7 3 24
T 13	8 56	24 51 2 19	16 35 2 5	57 13 38 0 24	23 41 0 43	3 10 1 6	12 12 1 59	23 29 0 19	22 15 1 13	13 55 8 43	16 58 17 9	26 17	16 6 3 25
W14	9 17	21 21 1 9	16 27 2 5	51 14 4 0 22	23 40 0 45	3 15 1 6	12 12 1 59	23 29 0 19	22 15 1 13	13 55 8 43	16 58 17 10	26 16	16 5 3 25
T 15	9 39	16 39 0s 5	16 16 2 4	44 14 30 0 19	23 40 0 47	3 21 1 6	12 13 1 59	23 29 0 19	22 15 1 13	13 55 8 43	16 58 17 10	26 15	16 3 3 26
F 16	10 0	11 8 1 17	16 2 2 3	36 14 55 0 17	23 39 0 49	3 27 1 6	12 14 1 59	23 29 0 19	22 15 1 13	13 55 8 43	16 58 17 11	26 14	16 2 3 26
S 17	10 22	5 8 2 24	15 45 2 2	26 15 20 0 15	23 38 0 51	3 32 1 6	12 14 1 59	23 29 0 19	22 15 1 13	13 56 8 43	16 59 17 12	26 13	16 1 3 27
S 18	10 43	1s 0 3 22	15 26 2 1	15 15 45 0 12	23 37 0 53	3 38 1 6	12 15 1 58	23 29 0 19	22 15 1 13	13 56 8 42	17 0 17 13	26 12	16 0 3 27
M19	11 4	7 1 4 8	15 3 2	3 16 9 0 10	23 36 0 55	3 43 1 6	12 15 1 58	23 29 0 19	22 15 1 13	13 56 8 42	17 3 17 14	26 11	15 58 3 28
T 20	11 24	12 37 4 40	14 39 1 4	49 16 33 0 7	23 35 0 57	3 49 1 7	12 16 1 58	23 29 0 19	22 15 1 13	13 57 8 42	17 6 17 15	26 9	15 57 3 28
W21	11 45	17 35 4 58	14 13 1 3	35 16 57 0 5	23 33 0 59	3 54 1 7	12 16 1 58	23 29 0 19	22 15 1 13	13 57 8 42	17 9 17 16	26 8	15 56 3 29
T 22	12 5	21 40 4 59	13 45 1 1	19 17 20 0 2	23 32 1 2	4 0 1 7	12 17 1 58	23 29 0 19	22 15 1 13	13 57 8 42	17 13 17 17	26 7	15 54 3 29
F 23	12 25	24 42 4 47	13 17 1	3 17 42 0n 0	23 31 1 4	4 5 1 7	12 17 1 58	23 29 0 19	22 15 1 13	13 57 8 42	17 16 17 18	26 6	15 53 3 30
S 24	12 45	26 31 4 21	12 47 0 4	47 18 4 0 3	23 30 1 6	4 10 1 7	12 17 1 58	23 29 0 20	22 15 1 13	13 58 8 41	17 19 17 18	26 5	15 52 3 30
S 25	13 5				/			23 29 0 20			17 22 17 19	26 4	15 50 3 30
M26	-				23 27 1 11						17 23 17 20		15 49 3 31
T 27	13 44	-			23 26 1 13						17 24 17 21		15 48 3 31
W28	14 3				23 24 1 16	4 32 1 7	12 18 1 57	23 30 0 20			17 24 17 22		
T 29	14 22	17 32 0 2	10 24 0 3	39 19 48 0 16	23 23 1 18	4 37 1 7	12 18 1 57	23 30 0 20	22 15 1 13	13 59 8 41	17 24 17 23	25 59	15 45 3 32
F 30	14n40	12 s53 1n 2	9n59 0s5	55 20n 7 0n18	23 s21 1 s21	4n43 1 s 7	12n18 1n57	23 s30 0 s20	22s15 1n13	13n59 8s40	17 s24 17 s24	25 s 58	15 s44 3n32
1 30	141140	12833 111 2	91139 US3	33 2011 / UII18	23821 1821	18 /	121110 1113/	23 830 0820	22813 11113	131137 0840	1 / 824 1 / 824	23838	13 844 311

 $\label{eq:Julian Day Number = 2325626.5, Delta T = 39.66 sec} \\ Ecliptic obliquity = 23°29'10, Nutation = 0°00'12, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 19°55'42, Lahiri = 19°02'42Greg. Calendar$

MAY 1655 GC 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ)∤(并	Р	₽.	v	Ç	Ŷ,	Day
S 1	14 35 12	10825'16	5 ∺ 27	27°R45	29 8 31	20 궁 14	14 Y 46	2°R49	9°R10	27°R49	14 Ⅱ 46	11°R20	11≈21	8 궁 55	25°R24	S 1
S 2	14 39 9	11°23'20	18°10	27 Y 24	0 П 44	20°40	14°59	2 m /48	9 궁 9	27 × 748	14°47	11≈16	11°17	9° 2	25 M 20	S 2
M 3	14 43 5	12°21'23	1 Υ 18	27° 8	1°57	21° 6	15°13	2°48	9° 8	27°47	14°48	11°10	11°14	9° 8	25°16	M 3
T 4	14 47 2	13°19'24	14°52	26°57	3°11	21°32	15°27	2°48	9° 7	27°46	14°49	11° 2	11°11	9°15	25°12	T 4
W 5	14 50 58	14°17'24	28°51	26°50	4°24	21°57	15°40	2°D48	9° 6	27°45	14°50	10°51	11° 8	9°22	25° 7	W 5
T 6	14 54 55	15°15'23	13812	26°D47	5°37	22°23	15°54	2°48	9° 5	27°44	14°52	10°39	11° 5	9°28	25° 3	T 6
F 7	14 58 51	16°13'20	27°49	26°49	6°51	22°48	16° 7	2°48	9° 4	27°43	14°53	10°28	11° 1	9°35	24°59	F 7
S 8	15 2 48	17°11'15	12∏34	26°56	8° 4	23°12	16°21	2°49	9° 3	27°42	14°54	10°18	10°58	9°42	24°54	S 8
S 9	15 6 44	18° 9'09	27°20	27° 8	9°17	23°36	16°34	2°49	9° 2	27°41	14°55	10°11	10°55	9°48	24°50	S 9
M10	15 10 41	19° 7'01	119558	27°24	10°30	24° 0	16°48	2°49	9° 0	27°40	14°57	10° 6	10°52	9°55	24°45	M10
T 11	15 14 38	20° 4'51	26°25	27°44	11°44	24°24	17° 1	2°50	8°59	27°39	14°58	10° 4	10°49	10° 2	24°41	T 11
W12	15 18 34	21° 2'40	10 £ 36	28° 9	12°57	24°47	17°14	2°51	8°58	27°37	14°59	10°D 4	10°46	10° 8	24°37	W12
T 13	15 22 31	22° 0'27	24°31	28°38	14°10	25° 9	17°27	2°51	8°56	27°36	15° 1	10°R 4	10°42	10°15	24°32	T 13
F 14	15 26 27	22°58'12	8 m p 1 1	29°11	15°23	25°32	17°40	2°52	8°55	27°35	15° 2	10° 3	10°39	10°22	24°28	F 14
S 15	15 30 24	23°55'55	21°35	29°48	16°36	25°54	17°54	2°53	8°53	27°34	15° 3	10° 0	10°36	10°28	24°23	S 15
S 16	15 34 20	24°53'36	4 Ω 47	0829	17°49	26°16	18° 6	2°55	8°52	27°32	15° 5	9°55	10°33	10°35	24°19	S 16
M17	15 38 17	25°51'17	17°46	1°14	19° 2	26°37	18°19	2°56	8°50	27°31	15° 6	9°47	10°30	10°42	24°14	M17
T 18	15 42 13	26°48'55	0 M .34	2° 2	20°15	26°58	18°32	2°57	8°49	27°30	15° 7	9°37	10°27	10°48	24°10	T 18
W19	15 46 10	27°46'32	13°10	2°54	21°28	27°18	18°45	2°59	8°47	27°28	15° 9	9°25	10°23	10°55	24° 5	W19
T 20	15 50 7	28°44'08	25°35	3°49	22°40	27°38	18°58	3° 0	8°46	27°27	15°10	9°13	10°20	11° 2	24° 1	T 20
F 21	15 54 3	29°41'43	7 √ 49	4°47	23°53	27°58	19°11	3° 2	8°44	27°26	15°11	9° 1	10°17	11° 8	23°57	F 21
S 22	15 58 0	0 Ⅱ 39'17	19°54	5°49	25° 6	28°17	19°23	3° 3	8°42	27°24	15°13	8°51	10°14	11°15	23°52	S 22
S 23	16 1 56	1°36'49	1 궁 51	6°54	26°19	28°35	19°36	3° 5	8°41	27°23	15°14	8°43	10°11	11°22	23°48	S 23
M24	16 5 53	2°34'21	13°41	8° 1	27°32	28°54	19°48	3° 7	8°39	27°22	15°15	8°38	10° 7	11°28	23°43	M24
T 25	16 9 49	3°31'52	25°29	9°12	28°44	29°11	20° 1	3° 9	8°37	27°20	15°17	8°35	10° 4	11°35	23°39	T 25
W26	16 13 46	4°29'21	7≈18	10°26	29°57	29°29	20°13	3°11	8°35	27°19	15°18	8°D34	10° 1	11°42	23°35	W26
T 27	16 17 42	5°26'50	19°12	11°43	19510	29°45	20°25	3°14	8°33	27°17	15°20	8°34	9°58	11°48	23°30	T 27
F 28	16 21 39	6°24'18	1) 17	13° 2	2°22	0≈ 1	20°37	3°16	8°31	27°16	15°21	8°R35	9°55	11°55	23°26	F 28
S 29	16 25 36	7°21'45	13°38	14°24	3°35	0°17	20°49	3°18	8°29	27°14	15°22	8°35	9°52	12° 2	23°22	S 29
S 30	16 29 32	8°19'12	26°20	15°49	4°47	0°32	21° 1	3°21	<u>8°</u> 27	27°13	15°24	8°33	9°48	1 <u>2</u> ° 8	23°18	S 30
M31	16 33 29	9 Ⅱ 16'38	9 Ƴ 27	17817	6 9 0	0≈47	21 Y 13	3 m 23	8 궁 25	27 × 11	15Ⅱ25	8≈29	9≈45	12 る 15	23 M .14	M31

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S 1	14n59	7 s 3 7	2n 4	9n35	1 s 1 1	20n26	0n21	23 s20	1 s23	4n48	1 s 7	12n18	1n57	23 s30	0 s 2 0	22 s15	1n13	14n 0	8 s40	17 s25	17 s25	25 s57	15 s42	3n33
S 2	15 17	1 54	3 2	9 14	1 26	20 44	0 24	23 19	1 26	4 53	1 7	12 18	1 57	23 30	0 20	22 15	1 13	14 0	8 40	17 26	17 25	25 55	15 41	3 33
M 3	15 35	4n 3	3 52	8 55	1 40	21 1	0 26	23 17	1 29	4 58	1 7	12 18	1 57	23 30	0 20	22 15	1 13	14 0					15 40	3 34
T 4	15 52	10 1	4 30	8 38		21 18	0 29		1 31	5 3	1 7	12 18		23 30		22 15		14 1				25 53		3 34
W 5			4 54	8 23		21 35		23 14		5 9	1 7			23 30		22 14		14 1				25 52		3 34
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S 8	17 0	26 33	4 15	7 55	2 40	22 20	0 39	23 10	1 43	5 24	1 8	12 18	1 56	23 30	0 20	22 14	1 14	14 2	8 39	17 42	17 31	25 48	15 33	3 35
S 9	17 16	26 53	3 25	7 51	2 49	22 34	0 41	23 9	1 45	5 29	1 8	12 17	1 56	23 30	0 20	22 14	1 14	14 2	8 39	17 44	17 32	25 47	15 31	3 36
M10	17 32	25 19	2 23	7 49	2 57	22 47	0 44	23 8	1 48	5 34	1 8	12 17	1 56	23 31	0 20	22 14	1 14	14 2	8 39	17 45	17 32	25 45	15 30	3 36
T 11	17 48	22 5	1 12	7 50	3 4	23 0	0 46	23 6	1 51	5 39	1 8	12 17	1 55	23 31	0 20	22 14	1 14	14 2	8 39	17 45	17 33	25 44	15 29	3 36
W12	18 3	17 34	0s 3	7 53	3 10	23 12	0 49	23 5	1 54	5 44	1 8	12 16	1 55	23 31	0 20	22 14	1 14	14 3	8 39	17 46	17 34	25 43	15 27	3 37
T 13	18 18	12 11	1 16	7 58	3 15	23 23	0 51	23 4	1 57	5 49	1 8	12 16	1 55	23 31	0 20	22 14	1 14	14 3				25 42		
F 14	18 33	6 18	2 23	8 6	3 19	23 34	0 53	23 3	2 1	5 54	1 8	12 15	1 55	23 31	0 20	22 14	1 14	14 3				25 40		
S 15	18 48	0 16	3 21	8 15	3 23	23 44	0 56	23 2	2 4	5 59	1 8	12 15	1 55	23 31	0 20	22 14	1 14	14 3	8 38	17 46	17 37	25 39	15 23	3 38
S 16	19 2	5 s41	4 7	8 27	3 25	23 53	0 58	23 1	2 7	6 4	1 8	12 14	1 55	23 31	0 20	22 14	1 14	14 4	8 38	17 48	17 38	25 38	15 22	3 38
M17	19 15	11 17	4 40	8 41	3 27	24 2	1 0	23 0	2 10	6 8	1 9	12 14	1 55	23 31	0 20	22 14	1 14	14 4	8 38	17 50	17 38	25 36	15 21	3 38
T 18		-	4 58	8 57	3 28		1 3		2 14	6 13	1 9	_		23 32		22 14		14 4				25 35		3 38
W19	19 42	20 36	5 1	9 14	3 28	24 17		22 59	2 17	6 18	1 9	12 13	1 54	23 32	0 20	22 14	1 14	14 4				25 34		3 39
T 20	19 55		4 49	9 33			1 7	22 58	2 20	6 23		12 12		23 32		22 14		14 5				25 33		
F 21		-	4 25	9 54		24 30	1 9		2 24	6 27		12 11		23 32		22 14		14 5	8 38			25 31		
S 22	20 20	26 54	3 49	10 17	3 24	24 35	1 11	22 57	2 27	6 32	1 9	12 10	1 54	23 32	0 20	22 14	1 14	14 5	8 38	18 5	17 43	25 30	15 14	3 39
S 23	20 31	26 31	3 2	10 40	3 21	24 39	1 13	22 57	2 31	6 37	1 9	12 10	1 54	23 32	0 20	22 14	1 14	14 5	8 38	18 7	17 44	25 28	15 13	3 39
M24	20 43	24 55	2 9	11 5	3 18	24 43	1 15	22 56	2 34	6 41	1 9	12 9	1 54	23 32	0 20	22 14	1 14	14 6	8 38	18 8	17 44	25 27	15 11	3 40
T 25	20 54	22 13	1 9	11 32	3 13	24 46	1 17	22 56	2 38	6 46	1 9	12 8	1 53	23 32	0 20	22 14	1 14	14 6	8 37	18 9	17 45	25 26	15 10	3 40
W26	21 5	18 36	0 7	11 59	3 9	24 49	1 19	22 56	2 42	6 50	1 10	12 7	1 53	23 33	0 20	22 14	1 14	14 6	8 37	18 9	17 46	25 24	15 9	3 40
	-			12 28		24 50	1 21		2 45	6 55	1 10			23 33		22 14		14 6	8 37		17 47			3 40
	21 25			12 58		24 51		22 56	2 49	6 59	1 10			23 33		22 14			8 37			25 22		3 40
S 29	21 35	3 44	2 56	13 28	2 51	24 51	1 25	22 57	2 53	7 4	1 10	12 4	1 53	23 33	0 20	22 14	1 14	14 7	8 37	18 9	17 49	25 20	15 5	3 41
S 30	21 44	2n 0	3 47	14 0	2 44	24 50	1 27	22 57	2 57	7 8	1 10	12 3	1 53	23 33	0 20	22 14	1 14	14 7	8 37	18 10	17 50	25 19	15 4	3 41
M31	21n53	7n51	4n28	14n32	2 s 3 6	24n49	1n28	22 s58	3 s 1	7n13	1 s10	12n 2	1n53	$23\mathrm{s}33$	0 s 2 0	22 s13	1n14	14n 7	8 s 3 7	18 s11	17 s50	25 s 17	15 s 3	3n41

Julian Day Number = 2325656.5, Delta T = 39.60 sec Ecliptic obliquity = $23^{\circ}29'09$, Nutation = $0^{\circ}00'12$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $19^{\circ}55'46$, Lahiri = $19^{\circ}02'46$ Greg. Calendar

JUNE 1655 GC 00:00 UT

Day	Sid.t	0	D	ğ	Q	ð	4	ħ)ұ(朴	Р	'n	S	Ç	ę,	Day
T 1	16 37 25	10 I I14'03	23 ° 2	18 8 47	79912	1≈ 1	21 Y 25	3 Mp 26	8°R23	27°R10	15Ⅲ26	8°R24	9≈42	12る22	23°R10	T 1
W 2	16 41 22	11°11'27	7 8 5	20°21	8°25	1°14	21°37	3°29	8 ප 21	27 ×7 8	15°28	8≈16	9°39	12°28	23M 5	W 2
T 3	16 45 18	12° 8'51	21°34	21°56	9°37	1°27	21°49	3°32	8°19	27° 7	15°29	8° 8	9°36	12°35	23° 1	T 3
F 4	16 49 15	13° 6'15	6∏24	23°35	10°49	1°39	22° 0	3°35	8°17	27° 5	15°31	7°59	9°33	12°42	22°57	F 4
S 5	16 53 11	14° 3'37	21°26	25°16	12° 2	1°51	22°12	3°38	8°15	27° 3	15°32	7°52	9°29	12°48	22°53	S 5
S 6	16 57 8	15° 0'59	6931	27° 0	13°14	2° 1	22°23	3°41	8°13	27° 2	15°33	7°47	9°26	12°55	22°50	S 6
M 7	17 1 5	15°58'20	21°30	28°46	14°26	2°12	22°34	3°44	8°11	27° 0	15°35	7°43	9°23	13° 2	22°46	M 7
T 8	17 5 1	16°55'40	6 Ω 14	0Ⅲ35	15°39	2°21	22°46	3°48	8° 9	26°59	15°36	7°D42	9°20	13° 8	22°42	T 8
W 9	17 8 58	17°52'59	20°40	2°26	16°51	2°30	22°57	3°51	8° 6	26°57	15°38	7°43	9°17	13°15	22°38	W 9
T 10	17 12 54	18°50'17	4 Mp 44	4°20	18° 3	2°39	23° 8	3°55	8° 4	26°56	15°39	7°44	9°13	13°22	22°34	T 10
F 11	17 16 51	19°47'34	18°25	6°17	19°15	2°46	23°19	3°58	8° 2	26°54	15°40	7°R45	9°10	13°28	22°31	F 11
S 12	17 20 47	20°44'50	1 ≏ 47	8°15	20°27	2°53	23°30	4° 2	8° 0	26°52	15°42	7°44	9° 7	13°35	22°27	S 12
S 13	17 24 44	21°42'06	14°49	10°16	21°39	2°59	23°40	4° 6	7°57	26°51	15°43	7°42	9° 4	13°42	22°24	S 13
M14	17 28 40	22°39'20	27°36	12°19	22°51	3° 5	23°51	4°10	7°55	26°49	15°45	7°37	9° 1	13°48	22°20	M14
T 15	17 32 37	23°36'34	10 M 9	14°23	24° 3	3°10	24° 1	4°14	7°53	26°47	15°46	7°31	8°58	13°55	22°17	T 15
W16	17 36 34	24°33'47	22°30	16°30	25°15	3°14	24°12	4°18	7°50	26°46	15°47	7°24	8°54	14° 2	22°14	W16
T 17	17 40 30	25°31'00	4 ₹ 41	18°38	26°27	3°17	24°22	4°22	7°48	26°44	15°49	7°16	8°51	14° 8	22°10	T 17
F 18	17 44 27	26°28'12	16°44	20°47	27°38	3°20	24°32	4°26	7°46	26°43	15°50	7° 9	8°48	14°15	22° 7	F 18
S 19	17 48 23	27°25'24	28°40	22°57	28°50	3°22	24°43	4°30	7°43	26°41	15°52	7° 3	8°45	14°22	22° 4	S 19
S 20	17 52 20	28°22'36	10 ට 31	25° 7	oΩ 2	3°23	24°52	4°35	7°41	26°39	15°53	6°58	8°42	14°28	22° 1	S 20
M21	17 56 16	29°19'47	22°19	27°18	1°13	3°R24	25° 2	4°39	7°39	26°38	15°54	6°55	8°39	14°35	21°58	M21
T 22	18 0 13	09516'58	4∞ 7	29°30	2°25	3°23	25°12	4°44	7°36	26°36	15°56	6°D54	8°35	14°42	21°55	T 22
W23	18 4 10	1°14'09	15°58	19541	3°36	3°22	25°22	4°48	7°34	26°35	15°57	6°55	8°32	14°48	21°53	W23
T 24	18 8 6	2°11'20	27°54	3°51	4°48	3°20	25°31	4°53	7°31	26°33	15°58	6°56	8°29	14°55	21°50	T 24
F 25	18 12 3	3° 8'31	10 米 1	6° 1	5°59	3°18	25°41	4°58	7°29	26°31	16° 0	6°58	8°26	15° 1	21°47	F 25
S 26	18 15 59	4° 5'42	22°22	8°10	7°11	3°15	25°50	5° 2	7°27	26°30	16° 1	6°59	8°23	15° 8	21°45	S 26
S 27	18 19 56	5° 2'54	5 ℃ 2	10°18	8°22	3°10	25°59	5° 7	7°24	26°28	16° 2	6°R59	8°19	15°15	21°42	S 27
M28	18 23 52	6° 0'05	18° 6	12°25	9°33	3° 6	26° 8	5°12	7°22	26°27	16° 4	6°59	8°16	15°21	21°40	M28
T 29	18 27 49	6°57'17	1836	14°30	10°45	3° 0	26°17	5°17	<u>7°19</u>	26°25	16° 5	6°57	8°13	1 <u>5</u> °28	21°38	T 29
W30	18 31 45	7954'29	15 8 33	16934	11 £ 56	2≈54	26 Y 26	5 m 23	7 云 17	26 × ⁷ 23	16 I I 6	6≈54	8≈10	15 る 35	21 M 35	W30

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T 1	22n 2	13n31	4n55	15n 4	2 s28	24n47	1n30	22 s59	3 s 5	7n17	1 s10	12n 1	1n53	23 s33	0 s 2 0	22 s13	1n14	14n 7	8 s 3 7	18 s12	17 s51	25 s 16	15 s 2	3n41
W 2	22 10	18 42	5 5	15 38	2 19	24 44	1 31	23 0	3 9	7 21	1 10	12 0	1 52	23 34	0 20	22 13	1 14	14 7	8 37	18 14	17 52	25 15	15 1	3 41
T 3	-	22 58		16 11		24 41	1 33		3 13		1 11			23 34		22 13	1 14	14 8				25 13		3 41
F 4		25 50		-		24 37	1 34		3 17	7 30	1 11			23 34		22 13	1 14	14 8				25 12		3 42
S 5	22 32	26 54	3 42	17 19	1 51	24 32	1 36	23 3	3 21	7 34	1 11	11 56	1 52	23 34	0 20	22 13	1 14	14 8	8 37	18 20	17 55	25 10	14 57	3 42
S 6	22 39	25 59	2 40	17 53	1 41	24 26	1 37	23 5	3 25	7 38	1 11	11 55	1 52	23 34	0 20	22 13	1 14	14 8	8 37	18 22	17 56	25 9	14 56	3 42
M 7	22 45	23 11	1 26	18 27	1 31	24 20	1 38	23 7	3 30	7 42		11 53		23 34	0 20	22 13	1 14	14 8	8 37	18 22	17 56	25 7	14 55	3 42
T 8	22 51	18 53			1 20		1 40		3 34	7 46		11 52		23 34		22 13	1 14	14 9		18 23			14 54	3 42
	22 56			19 34		-		23 11	3 38	7 50		11 51		23 35		22 13	1 14	-		18 23			14 53	3 42
1	23 1	7 37				23 57		23 13		7 54		11 49		23 35		22 13	1 14	-		18 22			14 52	3 42
	23 6		3 22			23 48		23 15	3 47	7 58		11 48		23 35		22 13	1 14			18 22			14 51	3 42
S 12	23 10	4 s 3 2	4 10	21 8	0 36	23 38	1 44	23 18	3 51	8 2	1 12	11 46	1 51	23 35	0 21	22 13	1 14	14 9	8 36	18 22	18 1	25 0	14 50	3 42
S 13	23 13	10 13	4 45	21 38	0 24	23 28	1 45	23 21	3 56	8 5	1 12	11 45	1 51	23 35	0 21	22 13	1 14	14 9	8 36	18 23	18 1	24 59	14 49	3 42
M14	23 17	15 22	5 4	22 6	0 13	23 17	1 45	23 24	4 0	8 9	1 12	11 43	1 51	23 35	0 21	22 13	1 14	14 10	8 36	18 24	18 2	24 57	14 48	3 42
T 15	23 20	19 45	5 8	22 32	0 2	23 5	1 46	23 27	4 5	8 13	1 12	11 42	1 51	23 36	0 21	22 13	1 14	14 10	8 36	18 26	18 3	24 56	14 47	3 42
W16	23 22	23 14	4 58	22 57	0n 9	22 52	1 47	23 31	4 9	8 17	1 13	11 40	1 51	23 36	0 21	22 13	1 14	14 10	8 36	18 27	18 4	24 54	14 47	3 42
T 17	23 25	25 37		23 19		22 39		23 34	4 14	8 20		11 39		23 36		22 13		14 10		18 29		24 53		3 42
	23 26	26 47	3 59	23 40		22 26		23 38	4 18	8 24	1 13	11 37	1 50	23 36	0 21	22 13	1 14	14 10	8 36	18 31		24 51		3 43
S 19	23 28	26 42	3 13	23 58	0 40	22 12	1 48	23 42	4 23	8 27	1 13	11 35	1 50	23 36	0 21	22 13	1 14	14 10	8 36	18 33	18 6	24 50	14 44	3 43
S 20	23 29	25 22	2 19	24 13	0 49	21 57	1 48	23 46	4 27	8 31	1 13	11 34	1 50	23 36	0 21	22 13	1 14	14 11	8 36	18 34	18 7	24 48	14 43	3 43
M21	23 29	22 56	1 19	24 26	0 58	21 41	1 49	23 50	4 32	8 34	1 13	11 32	1 50	23 36	0 21	22 13	1 14	14 11	8 36	18 35	18 8	24 47	14 43	3 43
T 22	23 29	19 31	0 15	24 36	1 7	21 25	1 49	23 55	4 37	8 38	1 14	11 30	1 50	23 37	0 21	22 13	1 14	14 11	8 36	18 35	18 9	24 45	14 42	3 43
W23	23 29	15 18	0n49	24 43	1 14	21 9	1 49	24 0	4 41	8 41	1 14	11 28	1 50	23 37	0 21	22 13	1 14	14 11	8 36	18 35	18 10	24 43	14 41	3 43
T 24	23 28	10 28	1 52	24 47	1 21	20 52	1 49	24 4	4 46	8 44	1 14	11 26	1 50	23 37	0 21	22 13	1 14	14 11				24 42	-	3 43
F 25	23 27	5 11	2 51	24 48	1 28	20 34	1 49	24 9	4 50	8 48	1 14	11 25	1 50	23 37	0 21	22 13	1 14	14 11	8 36	18 34	18 11	24 40	14 40	3 43
S 26	23 25	0n23	3 43	24 47	1 33	20 16	1 48	24 15	4 55	8 51	1 14	11 23	1 50	23 37	0 21	22 13	1 14	14 11	8 36	18 34	18 12	24 39	14 39	3 42
S 27	23 23	6 5	4 26	24 43	1 38	19 57	1 48	24 20	4 59	8 54	1 14	11 21	1 49	23 37	0 21	22 13	1 14	14 11	8 36	18 34	18 13	24 37	14 39	3 42
M28	23 21	11 41	4 57	24 36	1 42	19 38	1 48	24 25	5 4	8 57	1 15	11 19	1 49	23 37	0 21	22 13	1 14	14 12	8 36	18 34	18 14	24 36	14 38	3 42
T 29	23 18	16 55	5 12	24 27	1 46	19 18	1 47	24 31	5 8	9 0	1 15	11 17	1 49	23 38	0 21	22 13	1 14	14 12	8 36	18 34	18 15	24 34	14 37	3 42
W30	23n15	21n28	5n10	24n15	1n49	18n57	1n47	24 s37	5 s 1 2	9n 3	1 s15	11n15	1n49	23 s38	0s21	22 s13	1n14	14n12	8 s 3 6	18 s35	18 s 16	24s32	14s37	3n42

Julian Day Number = 2325687.5, Delta T = 39.54 sec Ecliptic obliquity = $23^{\circ}29'08$, Nutation = $0^{\circ}00'12$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $19^{\circ}55'50$, Lahiri = $19^{\circ}02'50$ Greg. Calendar

JULY 1655 GC 00:00 UT

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Day		0	D	ğ	φ	♂	4	ħ)∤(卉	В	ß	ಬ	Ç	Š	Day
T 1	18 35 42	8 © 51'41	29 8 58	18936	13 N 7	2°R47	26 Y 35	5 m 28	7°R14	26°R22	16耳 8	6°R50	8 ≈ 7	15 云 41	21°R33	T 1
F 2	18 39 39	9°48'54	14 Ⅱ 46	20°37	14°18	2≈39	26°43	5°33	7 る 12	26 ₹ 20	16° 9	6≈46	8° 4	15°48	21 M 31	F 2
S 3	18 43 35	10°46'07	29°51	22°35	15°29	2°30	26°51	5°38	7°10	26°19	16°10	6°43	8° 0	15°55	21°29	S 3
S 4	18 47 32	11°43'20	1595 3	24°32	16°40	2°21	27° 0	5°44	7° 7	26°17	16°12	6°41	7°57	16° 1	21°28	S 4
M 5	18 51 28	12°40'34	0Ω13	26°27	17°51	2°11	27° 8	5°49	7° 5	26°16	16°13	6°D40	7°54	16° 8	21°26	M 5
T 6	18 55 25	13°37'47	15°11	28°20	19° 2	2° 1	27°16	5°55	7° 2	26°14	16°14	6°40	7°51	16°15	21°24	T 6
W 7	18 59 21	14°35'00	29°51	0Ω11	20°13	1°49	27°24	6° 0	7° 0	26°12	16°15	6°41	7°48	16°21	21°23	W 7
T 8	19 3 18	15°32'13	14 m) 7	2° 1	21°23	1°38	27°31	6° 6	6°58	26°11	16°17	6°42	7°45	16°28	21°21	T 8
F 9	19 7 14	16°29'27	27°58	3°48	22°34	1°25	27°39	6°12	6°55	26° 9	16°18	6°43	7°41	16°35	21°20	F 9
S 10	19 11 11	17°26'40	11 ≏ 23	5°33	23°45	1°13	27°46	6°17	6°53	26° 8	16°19	6°R44	7°38	16°41	21°18	S 10
S 11	19 15 8	18°23'53	24°26	7°17	24°55	0°59	27°54	6°23	6°50	26° 7	16°20	6°44	7°35	16°48	21°17	S 11
M12	19 19 4	19°21'07	7 M 8	8°58	26° 6	0°45	28° 1	6°29	6°48	26° 5	16°22	6°43	7°32	16°55	21°16	M12
T 13	19 23 1	20°18'21	19°34	10°38	27°16	0°31	28° 8	6°35	6°46	26° 4	16°23	6°42	7°29	17° 1	21°15	T 13
W14	19 26 57	21°15'35	1 才 46	12°16	28°26	0°17	28°14	6°41	6°43	26° 2	16°24	6°40	7°25	17° 8	21°14	W14
T 15	19 30 54	22°12'49	13°48	13°52	29°37	0° 2	28°21	6°47	6°41	26° 1	16°25	6°38	7°22	17°15	21°14	T 15
F 16	19 34 50	23°10'04	25°42	15°26	0 m /47	29 궁 46	28°28	6°53	6°39	25°59	16°26	6°36	7°19	17°21	21°13	F 16
S 17	19 38 47	24° 7'19	7 궁 33	16°58	1°57	29°31	28°34	6°59	6°37	25°58	16°28	6°34	7°16	17°28	21°12	S 17
S 18	19 42 43	25° 4'34	19°21	18°28	3° 7	29°15	28°40	7° 6	6°34	25°57	16°29	6°33	7°13	17°35	21°12	S 18
M19	19 46 40	26° 1'50	1≈10	19°56	4°17	28°59	28°46	7°12	6°32	25°55	16°30	6°D32	7°10	17°41	21°11	M19
T 20	19 50 37	26°59'07	13° 1	21°22	5°27	28°43	28°52	7°18	6°30	25°54	16°31	6°32	7° 6	17°48	21°11	T 20
W21	19 54 33	27°56'25	24°57	22°46	6°36	28°27	28°58	7°24	6°28	25°53	16°32	6°33	7° 3	17°55	21°11	W21
T 22	19 58 30	28°53'43	7 ∺ 1	24° 8	7°46	28°10	29° 3	7°31	6°25	25°51	16°33	6°33	7° 0	18° 1	21°D11	T 22
F 23	20 2 26	29°51'02	19°15	25°28	8°56	27°54	29° 9	7°37	6°23	25°50	16°34	6°34	6°57	18° 8	21°11	F 23
S 24	20 6 23	0 Ω 48'22	1 Y 42	26°46	10° 5	27°38	29°14	7°44	6°21	25°49	16°35	6°35	6°54	18°14	21°11	S 24
S 25	20 10 19	1°45'43	14°25	28° 2	11°15	27°21	29°19	7°50	6°19	25°48	16°36	6°35	6°51	18°21	21°11	S 25
M26	20 14 16	2°43'05	27°28	29°16	12°24	27° 5	29°24	7°57	6°17	25°46	16°37	6°R35	6°47	18°28	21°11	M26
T 27	20 18 12	3°40'29	10853	0 m 27	13°33	26°49	29°28	8° 4	6°15	25°45	16°38	6°35	6°44	18°34	21°12	T 27
W28	20 22 9	4°37'53	24°42	1°36	14°42	26°33	29°33	8°10	6°13	25°44	16°39	6°35	6°41	18°41	21°12	W28
T 29	20 26 6	5°35'19	8Ⅲ54	2°43	15°52	26°18	29°37	8°17	6°11	25°43	16°40	6°35	6°38	18°48	21°13	T 29
F 30	20 30 2	6°32'46	23°29	3°47	17° 1	26° 2	29°41	8°24	6° 9	25°42	16°41	6°D35	6°35	18°54	21°14	F 30
S 31	20 33 59	7 Ω 30'15	8922	4 m) 48	18 M)10	25 궁 47	29 Y 45	8 m /31	6 ਰ 7	25 ∡ 741	16∏42	6≈35	6≈31	19ਰ 1	21 M .15	S 31

Day	0	D	ζ	2	φ		3	•	2	+	ŧ	<u> </u>);	ł(¥	(Р	n	U	Ç	ķ	
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T 1 F 2 S 3	23n11 23 7 23 3	26 43 4	3 24n 1 3 23 44 9 23 26		18 15	1n46 1 46 1 45 2	24 49	5 s 17 5 21 5 25	9n 6 9 9 9 12		11 11	1 49	23 s38 23 38 23 38	0 21	22 12	1 14	14 12 8	37 18 s36 37 18 37 37 18 38	18 17	24 29	14 36	3n42 3 42 3 42
S 4 M 5 T 6 W 7 T 8 F 9	22 53 22 47 22 41 22 35 22 28	20 43 0 3 15 34 0s4 9 36 2 3 18 3 1 2s57 4	6 23 6 5 22 43 7 22 20 4 21 54 2 21 27 7 20 59	1 51 1 50 1 48 1 45 1 42	17 9 16 46 16 22 15 58 15 34	1 43 2 1 42 2 1 41 2 1 39 2 1 38 2	25 20 25 26 25 33	5 29 5 34 5 37 5 41 5 45 5 49	9 15 9 17 9 20 9 23 9 25 9 28	-	11 5 11 3 11 0 10 58 10 56	1 49 1 49 1 48 1 48 1 48	23 38 23 38 23 39 23 39 23 39 23 39	0 21 0 21 0 21 0 21 0 21	22 12 22 12 22 12 22 12 22 12 22 12	1 14 1 14 1 14 1 14 1 14	14 12 8 14 12 8 14 12 8 14 12 8 14 13 8	37 18 38 37 18 39 37 18 38 37 18 38 37 18 38 37 18 38	9 18 20 9 18 21 8 18 21 8 18 22 8 18 23	24 24 24 23 24 21 24 20 24 18	14 35 14 34 14 34 14 34 14 34	3 42 3 42 3 42 3 42 3 42 3 42
S 10 S 11 M12 T 13 W14 T 15 F 16 S 17	22 5 21 57 21 48 21 39 21 30	14 16 5 18 53 5 1 22 35 5 25 13 4 4 26 40 4 1 26 52 3 2	2 17 50	1 33 1 29 1 23 1 17 1 11	14 44 14 19 13 53 13 27 13 1 12 34	1 32 2 1 30 2 1 28 2	25 46 25 52 25 58 26 4 26 11 26 17	5 52 5 56 5 59 6 2 6 5 6 8 6 11 6 14	9 30 9 33 9 35 9 37 9 39 9 42 9 44 9 46	1 17 1 17 1 18 1 18 1 18 1 18		1 48 1 48 1 48 1 48 1 48 1 48	23 39 23 39 23 40 23 40 23 40 23 40 23 40 23 40	0 21 0 21 0 21 0 21 0 21 0 21	22 12 22 12 22 12	1 13 1 13 1 13 1 13 1 13 1 13	14 13 8 14 13 8 14 13 8 14 13 8 14 13 8 14 13 8	37	3 18 25 3 18 25 3 18 26 9 18 27 9 18 28 9 18 29	24 15 24 13 24 11 24 10 24 8 24 6	14 33 14 33 14 33 14 33	3 42 3 41 3 41 3 41 3 41 3 41 3 41 3 41
S 18 M19 T 20 W21 T 22 F 23 S 24	20 59	20 25 0 3 16 22 0n3 11 39 1 4 6 27 2 4	1 13 45 6 13 10	0 42 0 33 0 25 0 16 0 7	10 44	1 18 2 1 15 2 1 13 2 1 10 2	26 34 26 39 26 45	6 16 6 18 6 20 6 22 6 24 6 26 6 27	9 48 9 50 9 51 9 53 9 55 9 57 9 58	1 19 1 19 1 19 1 19 1 20 1 20 1 20	10 33 10 31 10 28 10 26 10 23	1 48 1 48 1 48 1 47 1 47	23 40 23 40 23 40 23 40 23 41 23 41 23 41	0 21 0 21 0 21 0 21 0 21	22 12 22 12 22 12 22 12 22 12 22 12 22 12 22 12	1 13 1 13 1 13 1 13 1 13	14 13 8 14 13 8 14 13 8 14 13 8 14 13 8	37 18 40 37 18 40 38 18 40 38 18 40 38 18 40 38 18 40 38 18 40	18 31 18 32 18 33 18 33 18 34	24 1 23 59 23 58 23 56 23 54	14 32 14 32 14 33 14 33	3 41 3 41 3 41 3 41 3 40 3 40 3 40
S 25 M26 T 27 W28 T 29 F 30 S 31	19 35 19 22 19 9 18 55 18 40	15 28 5 1 20 8 5 1	2 10 15 9 41 7 9 8	0 23 0 33 0 44 0 54 1 5	8 22 7 52 7 23 6 54 6 24 5 54 5n24		27 16 27 20 27 23	6 28 6 29 6 30 6 31 6 31 6 32 6s32	10 1 10 3 10 4 10 5	1 21 1 21 1 21 1 21 1 22	10 16 10 13 10 11 10 8 10 5	1 47 1 47 1 47 1 47 1 47	23 41 23 41 23 41 23 41 23 41 23 41 23 s41	0 21 0 21 0 21 0 21 0 21	22 12 22 12 22 12 22 12 22 12 22 12 22 12 22 12	1 13 1 13 1 13 1 13 1 13	14 13 8 14 13 8 14 13 8 14 13 8 14 13 8	38 18 40 38 18 40 38 18 40 38 18 40 38 18 40 38 18 40 39 18 40	18 37 18 37 18 38 18 39 18 40	23 49 23 47 23 45 23 44 23 42	14 33 14 33 14 34 14 34 14 34	3 40 3 40 3 40 3 40 3 39 3 39 3 39

Julian Day Number = 2325717.5, Delta T = 39.49 sec Ecliptic obliquity = 23°29'08, Nutation = $0^{\circ}00'13$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $19^{\circ}55'54$, Lahiri = $19^{\circ}02'55$ Greg. Calendar

AUGUST 1655 GC 00:00 UT

Day	Sid.t	0	D	ğ	Ω	♂ [™]	24	ħ)∤(并	В	n	Ω	Ç	ķ	Day
S 1	20 37 55	8 Ω 27'44	23925	5 m) 47	19 m)18	25°R33	29 Υ 49	8 m)37	6°R 5	25°R39	16 II 43	6≈35	6≈28	19 ට 8	21 M .15	S 1
M 2	20 41 52	9°25'15	8 Ω 32	6°43	20°27	25 중 18	29°53	8°44	6 පි 3	25 × 38	16°44	6°R35	6°25	19°14	21°16	M 2
T 3	20 45 48	10°22'46	23°32	7°36	21°36	25° 5	29°56	8°51	6° 1	25°37	16°45	6°35	6°22	19°21	21°18	T 3
W 4	20 49 45	11°20'19	8 m 18	8°26	22°44	24°51	29°59	8°58	5°59	25°36	16°46	6°35	6°19	19°28	21°19	W 4
T 5	20 53 42	12°17'52	22°43	9°12	23°53	24°39	0 ප 2	9° 5	5°57	25°35	16°47	6°34	6°16	19°34	21°20	T 5
F 6	20 57 38	13°15'26	6 ₽ 42	9°55	25° 1	24°27	0° 5	9°12	5°56	25°34	16°48	6°34	6°12	19°41	21°22	F 6
S 7	21 1 35	14°13'02	20°15	10°34	26° 9	24°15	0° 8	9°19	5°54	25°33	16°49	6°33	6° 9	19°48	21°23	S 7
S 8	21 5 31	15°10'38	3M23	11°10	27°17	24° 4	0°10	9°26	5°52	25°32	16°49	6°32	6° 6	19°54	21°25	S 8
M 9	21 9 28	16° 8'15	16° 6	11°41	28°25	23°54	0°13	9°34	5°51	25°32	16°50	6°D32	6° 3	20° 1	21°26	M 9
T 10	21 13 24	17° 5'53	28°30	12° 8	29°33	23°44	0°15	9°41	5°49	25°31	16°51	6°32	6° 0	20° 8	21°28	T 10
W11	21 17 21	18° 3'33	10 ∡ 39	12°31	0 ჲ 41	23°36	0°17	9°48	5°47	25°30	16°52	6°33	5°57	20°14	21°30	W11
T 12	21 21 17	19° 1'13	22°37	12°49	1°48	23°28	0°18	9°55	5°46	25°29	16°53	6°34	5°53	20°21	21°32	T 12
F 13	21 25 14	19°58'55	4 궁 28	13° 2	2°56	23°20	0°20	10° 2	5°44	25°28	16°53	6°35	5°50	20°28	21°34	F 13
S 14	21 29 11	20°56'37	16°16	13° 9	4° 3	23°14	0°21	10°10	5°43	25°28	16°54	6°36	5°47	20°34	21°37	S 14
S 15	21 33 7	21°54'21	28° 5	13°R12	5°10	23° 8	0°22	10°17	5°41	25°27	16°55	6°37	5°44	20°41	21°39	S 15
M16	21 37 4	22°52'06	9 ≈ 57	13° 8	6°17	23° 3	0°23	10°24	5°40	25°26	16°55	6°R37	5°41	20°47	21°41	M16
T 17	21 41 0	23°49'52	21°55	13° 0	7°24	22°59	0°24	10°31	5°39	25°25	16°56	6°37	5°37	20°54	21°44	T 17
W18	21 44 57	24°47'40	4) € 2	12°45	8°31	22°55	0°24	10°39	5°37	25°25	16°57	6°35	5°34	21° 1	21°46	W18
T 19	21 48 53	25°45'30	16°18	12°24	9°37	22°53	0°25	10°46	5°36	25°24	16°57	6°33	5°31	21° 7	21°49	T 19
F 20	21 52 50	26°43'20	28°46	11°58	10°44	22°51	0°R25	10°53	5°35	25°24	16°58	6°30	5°28	21°14	21°52	F 20
S 21	21 56 46	27°41'13	11 Y 27	11°25	11°50	22°50	0°25	11° 1	5°34	25°23	16°58	6°27	5°25	21°21	21°55	S 21
S 22	22 0 43	28°39'07	24°21	10°48	12°56	22°D49	0°25	11° 8	5°32	25°23	16°59	6°24	5°22	21°27	21°58	S 22
M23	22 4 39	29°37'03	7 8 31	10° 5	14° 2	22°50	0°24	11°16	5°31	25°22	17° 0	6°21	5°18	21°34	22° 1	M23
T 24	22 8 36	0 m 35'01	20°57	9°18	15° 8	22°51	0°23	11°23	5°30	25°22	17° 0	6°20	5°15	21°41	22° 4	T 24
W25	22 12 33	1°33'01	4 Ⅱ 40	8°27	16°14	22°54	0°23	11°31	5°29	25°21	17° 1	6°D20	5°12	21°47	22° 7	W25
T 26	22 16 29	2°31'03	18°41	7°33	17°19	22°57	0°22	11°38	5°28	25°21	17° 1	6°20	5° 9	21°54	22°11	T 26
F 27	22 20 26	3°29'07	2959	6°36	18°24	23° 1	0°20	11°46	5°27	25°20	17° 2	6°22	5° 6	22° 1	22°14	F 27
S 28	22 24 22	4°27'13	17°31	5°39	19°29	23° 5	0°19	11°53	5°27	25°20	17° 2	6°23	5° 3	22° 7	22°17	S 28
S 29	22 28 19	5°25'21	2 Ω 15	4°42	20°34	23°11	0°17	12° 1	5°26	25°20	17° 2	6°R24	4°59	22°14	22°21	S 29
M30	22 32 15	6°23'31	17° 4	3°47	21°39	23°17	0°15	12° 8	5°25	25°20	17° 3	6°24	4°56	22°21	22°25	M30
T 31	22 36 12	7 Mp 21'42	1 m 52	2 m 54	22 ≏ 44	23 궁 24	0813	12 M 16	5 る 24	25 × 19	17 II 3	6≈22	4≈53	22 る 27	22M29	T 31

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S 1 M 2	18n11 17 56	22n38 1n 17 59 0s			4n54 4 24	0n43 27 s29 0 40 27 31	6s32 6 31		-	10n 0 9 58		23 s42 23 42		22 s12 22 12	1n13 1 13	-				23 s38 23 37		3n39 3 39
T 3 W 4	17 40 17 25	5 53 2	6 33	2 2	3 54 3 23	0 36 27 34 0 33 27 35	6 30	10 12	1 22 1 23	9 55 9 52	1 47	23 42	0 21	22 12 22 12	1 13	14 13	8 39	18 40	18 44	23 35 23 33	14 36	3 39 3 39
T 5	17 9 16 52	6 53 4	5 38	2 25	2 53 2 22	0 29 27 37 0 25 27 38	6 28	10 13	1 23	9 50 9 47	1 47	23 42	0 21	22 12 22 12	1 13	14 13	8 39	18 40	18 45	23 31 23 29	14 37	3 38
S 7 S 8	-	17 37 5		2 47	1 52 1 21	0 22 27 39 0 18 27 40	6 26	10 14		9 44 9 42	1 47	23 4223 42	0 21	22 12	1 13	14 13	8 39	18 40	18 47	23 2823 26	14 38	3 38 3 38
M 9 T 10	15 44	21 41 5 24 39 4 :	54 4 6	3 10	0 50 0 20	0 14 27 41 0 10 27 41	6 25 6 23	10 16	1 24	9 39 9 36	1 47	23 42	0 21	22 12	1 12	14 13	8 40	18 40	18 49	23 24 23 22	14 40	3 38
W11 T 12 F 13	15 27 15 9 14 51		40 3 31	3 31	0 s11 0 42 1 13	0 6 27 41 0 1 27 40 0s 3 27 40	6 21 6 19 6 17	10 17	1 24 1 25 1 25	9 33 9 31 9 28	1 47	23 42 23 42 23 42	0 21	22 12	1 12 1 12 1 12	14 13	8 40	18 40	18 50	23 20 23 18 23 17	14 41	3 38 3 37 3 37
S 14	14 33	24 19 1 :	50 3 5	3 50	1 43	0 7 27 39	6 15	10 17	1 25	9 25	1 47	23 42	0 21	22 12	1 12	14 13	8 40	18 39	18 52	23 15	14 42	3 37
S 15 M16 T 17	13 55	21 21 0 4 17 30 0n	18 2 50	4 7	2 14 2 45	0 11 27 37 0 16 27 36	6 11		1 26	9 22 9 20	1 47		0 21	22 12 22 12	1 12	14 12	8 40	18 39	18 53	23 13 23 11	14 44	3 37 3 37
W18 T 19	13 36 13 17 12 58	7 47 2 2	24 2 47 26 2 46 22 2 49	4 21	3 15 3 46 4 16	0 20 27 34 0 25 27 33 0 29 27 30		10 18	1 26 1 26 1 26	9 17 9 14 9 11	1 47	23 43			1 12	14 12	8 41	18 39 18 40 18 40	18 55	23 7	14 45 14 45 14 46	3 37 3 37 3 36
F 20 S 21	12 38 12 18	3n19 4	9 2 55	4 30	4 47 5 17	0 34 27 28 0 39 27 25	6 0		1 27 1 27	9 9 9 9	1 47		0 21	22 12 22 12	1 12	14 12	8 41	18 41 18 42	18 56	23 4	14 47 14 48	3 36 3 36
S 22 M23	11 58 11 38	14 13 5 19 0 5	8 3 18 15 3 35		5 47 6 17	0 43 27 23 0 48 27 20	5 55 5 52	10 17 10 16		9 3 9 0		23 43 23 43	-	22 12 22 12	1 12 1 12		-			23 0 22 58		3 36 3 36
T 24 W25	11 17 10 57	22 55 5	5 3 54	4 31	6 47 7 17	0 53 27 16 0 58 27 13	5 49	10 16	1 28	8 57 8 54	1 47		0 21	22 12 22 12 22 12	1 12 1 12	14 12	8 41	18 44 18 44	19 0	22 56 22 54	14 51	3 36 3 36
T 26 F 27		26 52 3 : 26 20 2 :	-		7 47 8 16	1 3 27 9 1 8 27 6	5 43 5 40	10 15 10 14	1 28	8 52 8 49	1 47	23 43 23 43	0 21	22 13 22 13		14 12	8 42	18 43 18 43	19 2	22 52 22 50	14 53	3 36 3 35
S 28 S 29	9 54 9 32				8 46 9 15	1 13 27 2 1 18 26 57		10 13 10 13		8 46 8 43		23 4323 43		22 13 22 13				18 43 18 43		22 48 22 46		3 35 3 35
M30 T 31	9 11 8n49	14 50 0s: 8n44 2s			9 44 10s13	1 23 26 53 1 s28 26 s49	5 30	10 12 10n11	1 29	8 40 8n37	1 47	23 43 23 s43	0 21	22 13 22 s13	1 12	14 11		18 43 18 s43	19 4	22 44 22 s42	14 57	3 35

Julian Day Number = 2325748.5, Delta T = 39.43 sec Ecliptic obliquity = 23°29′08, Nutation = $0^\circ00^\circ15$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $19^\circ55'58$, Lahiri = $19^\circ02'59$ Greg. Calendar

SEPTEMBER 1655 GC 00:00 UT

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Day	Sid.t	0)	ğ	φ	♂	4	ħ)∤(卉	В	S.	S	Ç	ķ	Day
W 1	22 40 8	8 mg 19'55	16 m 30	2°R 5	23 ≏ 48	23る32	0°R11	12 m 23	5°R23	25°R19	17Ⅱ 4	6°R19	4≈50	22334	22 M 32	W 1
T 2	22 44 5	9°18'10	0 ჲ 53	1 m 21	24°52	23°40	8 B 0	12°31	5 云 23	25 × 19	17° 4	6≈14	4°47	22°41	22°36	T 2
F 3	22 48 2	10°16'26	14°54	0°44	25°56	23°50	0° 6	12°38	5°22	25°19	17° 4	6° 9	4°43	22°47	22°40	F 3
S 4	22 51 58	11°14'45	28°30	0°13	27° 0	24° 0	0° 3	12°46	5°22	25°19	17° 4	6° 4	4°40	22°54	22°44	S 4
S 5	22 55 55	12°13'04	11 M 41	29 Ω 51	28° 3	24°11	29 Y 59	12°53	5°21	25°19	17° 5	5°59	4°37	23° 0	22°49	S 5
M 6	22 59 51	13°11'26	24°28	29°36	29° 6	24°22	29°57	13° 1	5°21	25°19	17° 5	5°56	4°34	23° 7	22°53	M 6
T 7	23 3 48	14° 9'49	6 ₹ 754	29°D31	OM 9	24°35	29°53	13° 8	5°20	25°D19	17° 5	5°54	4°31	23°14	22°57	T 7
W 8	23 7 44	15° 8'13	19° 3	29°35	1°12	24°48	29°50	13°16	5°20	25°19	17° 5	5°D54	4°28	23°20	23° 2	W 8
T 9	23 11 41	16° 6'40	0 궁 59	29°48	2°14	25° 2	29°46	13°23	5°20	25°19	17° 6	5°55	4°24	23°27	23° 6	T 9
F 10	23 15 37	17° 5'07	12°49	0 m y 11	3°16	25°16	29°42	13°31	5°19	25°19	17° 6	5°56	4°21	23°34	23°11	F 10
S 11	23 19 34	18° 3'37	24°37	0°42	4°18	25°31	29°38	13°38	5°19	25°19	17° 6	5°58	4°18	23°40	23°16	S 11
S 12	23 23 31	19° 2'08	6≈28	1°22	5°20	25°47	29°33	13°46	5°19	25°19	17° 6	5°R59	4°15	23°47	23°20	S 12
M13	23 27 27	20° 0'41	18°25	2°11	6°21	26° 3	29°29	13°53	5°19	25°19	17° 6	5°58	4°12	23°54	23°25	M13
T 14	23 31 24	20°59'16	0) €32	3° 8	7°22	26°20	29°24	14° 1	5°D19	25°19	17° 6	5°55	4° 8	24° 0	23°30	T 14
W15	23 35 20	21°57'52	12°52	4°11	8°23	26°38	29°19	14° 8	5°19	25°20	17° 6	5°50	4° 5	24° 7	23°35	W15
T 16	23 39 17	22°56'31	25°25	5°22	9°23	26°56	29°14	14°16	5°19	25°20	17° 6	5°43	4° 2	24°14	23°40	T 16
F 17	23 43 13	23°55'11	8 Υ 12	6°39	10°23	27°15	29° 9	14°23	5°19	25°20	17°R 6	5°35	3°59	24°20	23°45	F 17
S 18	23 47 10	24°53'53	21°13	8° 1	11°23	27°35	29° 3	14°31	5°19	25°21	17° 6	5°26	3°56	24°27	23°50	S 18
S 19	23 51 6	25°52'38	4 8 27	9°28	12°22	27°55	28°58	14°38	5°19	25°21	17° 6	5°18	3°53	24°33	23°56	S 19
M20	23 55 3	26°51'25	17°53	10°59	13°21	28°15	28°52	14°46	5°20	25°21	17° 6	5°11	3°49	24°40	24° 1	M20
T 21	23 59 0	27°50'14	1 II 31	12°34	14°19	28°36	28°46	14°53	5°20	25°22	17° 6	5° 6	3°46	24°47	24° 6	T 21
W22	0 2 56	28°49'05	15°18	14°12	15°17	28°58	28°40	15° 1	5°20	25°22	17° 6	5° 3	3°43	24°53	24°12	W22
T 23	0 6 53	29°47'59	29°15	15°52	16°15	29°20	28°34	15° 8	5°21	25°23	17° 6	5°D 2	3°40	25° 0	24°17	T 23
F 24	0 10 49	0 ჲ 46'55	139521	17°35	17°12	29°43	28°28	15°15	5°21	25°23	17° 6	5° 2	3°37	25° 7	24°23	F 24
S 25	0 14 46	1°45'54	27°35	19°19	18° 9	0≈ 6	28°22	15°23	5°22	25°24	17° 6	5°R 3	3°34	25°13	24°29	S 25
S 26	0 18 42	2°44'54	11 Ω 56	21° 4	19° 5	0°29	28°15	15°30	5°22	25°25	17° 5	5° 3	3°30	25°20	24°34	S 26
M27	0 22 39	3°43'57	26°20	22°51	20° 1	0°54	28° 8	15°37	5°23	25°25	17° 5	5° 1	3°27	25°27	24°40	M27
T 28	0 26 35	4°43'02	10 m)44	24°37	20°56	1°18	28° 2	15°45	5°24	25°26	17° 5	4°57	3°24	25°33	24°46	T 28
W29	0 30 32	5°42'10	25° 2	26°25	21°51	1°43	27°55	15°52	5°24	25°27	17° 5	4°50	3°21	25°40	24°52	W29
T 30	0 34 29	6 ₽ 41'19	9 ₾ 9	28 mg 12	22 M 45	2≈ 9	27 Y 48	15 m 59	5 云 25	25 × ⁷ 27	17 I I 4	4≈41	3≈18	25 궁 47	24MJ58	T 30

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W 1	8n28	2n14	3 s22	7n51	3s 7	10 s42	1 s33	26 s44	5 s23	10n10	1 s29	8n35	1n47	23 s43	0s21	22 s13	1n11	14n11	8 s43	18 s44	19s 6	22 s40	14 s 5 9	3n35
T 2	8 6	4s15	4 15	8 23	2 49	11 10	1 38	26 39	5 20	10 9	1 30	8 32	1 47	23 43	0 21	22 13	1 11	14 11	8 43	18 45	19 6	22 38	15 0	3 35
F 3	7 44	10 21	4 51	8 53	2 31	11 39	1 43	26 34	5 16	10 8	1 30	8 29	1 47	23 43	0 21	22 13	1 11	14 11	8 43	18 46	19 7	22 37	15 1	3 35
S 4	7 22	15 46	5 9	9 22	2 12	12 7	1 49	26 29	5 13	10 6	1 30	8 26	1 47	23 43	0 21	22 13	1 11	14 11	8 43	18 48	19 8	22 35	15 2	3 34
S 5	6 59	20 17	5 10	9 48	1 52	12 34	1 54	26 23	5 9	10 5	1 30	8 23	1 47	23 43	0 21	22 13	1 11	14 11	8 43	18 49	19 9	22 33	15 3	3 34
M 6	6 37	23 42	4 56	10 11	1 33	13 2	1 59	26 18	5 6	10 4	1 30	8 20	1 47	23 43	0 21	22 13	1 11	14 10	8 43	18 50	19 9	22 31	15 4	3 34
T 7	6 15	25 54	4 27	10 31	1 14	13 29	2 4	26 12	5 2	10 2	1 31	8 17	1 47	23 43	0 21	22 13	1 11	14 10	8 43	18 50	19 10	22 29	15 6	3 34
W 8	5 52	26 49	3 48	10 47	0 55	13 56	2 10	26 6	4 59	10 1	1 31	8 15	1 47	23 43	0 21	22 13	1 11	14 10	8 44	18 50	19 11	22 27	15 7	3 34
T 9	5 29	26 28	2 59	10 59	0 37	14 23	2 15		4 55	9 59	1 31	8 12	1 48	23 43	0 21	22 13		14 10				22 25		3 34
F 10		-		11 8	0 19	14 49		25 54	4 52	9 58	1 31	8 9		23 43		22 13						22 23		3 34
S 11	4 44	22 15	1 1	11 13	0 2	15 16	2 25	25 48	4 48	9 56	1 31	8 6	1 48	23 43	0 21	22 13	1 11	14 10	8 44	18 49	19 13	22 21	15 11	3 34
S 12	4 21	18 39	0n 3	11 13	0n13	15 41	2 31	25 41	4 45	9 55	1 31	8 3	1 48	23 43	0 21	22 13	1 11	14 10	8 44	18 49	19 14	22 19	15 12	3 34
M13	3 58	14 16	1 7	11 9	0 28	16 7			4 41	9 53	1 32	8 0	1 48	23 43	0 21	22 13	1 11	14 9	-			22 17		
T 14	3 35	, -,		11 1	0 42				4 38	9 51	1 32	7 58		23 43		22 13	1 11	14 9				22 15		
W15	3 12			10 50	0 54		2 47		4 34	9 49	1 32	7 55		23 43		22 13	1 11	14 9				22 13		
T 16	2 48	-		10 34	1 5		-	25 14	4 31	9 47	1 32	7 52		23 43		22 13	1 11	14 9				22 11		
F 17	2 25			10 15	1 15		2 57		4 27	9 45	1 32	7 49		23 43				14 9				22 9		3 33
S 18	2 2	12 53	4 57	9 52	1 23	18 10	3 2	24 59	4 24	9 43	1 32	7 46	1 48	23 43	0 21	22 14	1 11	14 9	8 45	18 57	19 19	22 6	15 20	3 33
S 19	1 39	17 50	5 7	9 26	1 31	18 33	3 7	24 52	4 20	9 41	1 33	7 43	1 48	23 43	0 21	22 14	1 11	14 9	8 45	18 59	19 19	22 4	15 21	3 33
M20	1 15		4 59	8 57	1 37		-	24 44	4 17	9 39	1 33	7 41		23 43		22 14		14 8	8 45		19 20		15 22	3 33
T 21			4 35	8 26	1 42			24 36	4 13	9 37	1 33	7 38		23 43		22 14		14 8	8 46		19 21		15 24	
W22			3 55	7 52	1 46			24 29	4 10		1 33	7 35		23 43		22 14		_	8 46			21 58		
T 23			3 0	7 16	1 50			24 21	4 6	9 32	1 33	7 32		23 43		22 14		-	8 46			21 56		
F 24			1 54	6 38		20 24		24 12	4 3	9 30	1 33	7 30	1 49			22 14	1 10	_	8 46	-		21 54		3 33
S 25	0 42	21 20	0 40	5 58	1 53	20 45	3 38	24 4	4 0	9 27	1 33	7 27	1 49	23 43	0 20	22 14	1 10	14 8	8 46	19 2	19 24	21 52	15 29	3 32
S 26	1 6	16 40	0s37	5 17	1 53	21 6	3 43	23 56	3 56	9 25	1 33	7 24	1 49	23 43	0 20	22 14	1 10	14 8	8 46	19 2	19 24	21 50	15 31	3 32
M27	1 29	11 1	1 51	4 35	1 53				3 53	9 23	1 34	7 21	1 49	23 43	0 20	22 14	1 10	14 7	8 46	19 3	19 25	21 48	15 32	3 32
T 28	1 53	4 48	2 59	3 51	1 52	21 46		23 38	3 50	9 20	1 34	7 19	1 49	23 43	0 20	22 14	1 10	14 7	8 47			21 46		
W29	2 16		3 54	3 7	1 50			23 29	3 46	9 18	1 34	7 16		23 43		22 14		14 7	8 47			21 44		
T 30	2 s40	7 s50	4 s 3 4	2n22	1n48	22 s24	4s 2	23 s20	3 s43	9n15	1 s34	7n13	1n49	23 s43	0 s 2 0	22 s14	1n10	14n 7	8 s47	19s 8	19 s27	21 s42	15 s37	3n32

 $\label{eq:Julian Day Number = 2325779.5, Delta T = 39.37 sec} \\ Ecliptic obliquity = 23°29'08, Nutation = 0°00'15, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 19°56'03, Lahiri = 19°03'03Greg. Calendar \\ \\$

OCTOBER 1655 GC 00:00 UT

0010	, D = 11 = 0	, 3 3 u c													00.0	0 0 1
Day	Sid.t	0)	ğ	Ş	♂	4	ħ)ţ(并	В	u	ນ	Ç	ķ	Day
F 1	0 38 25	7 - 240'31	23 <u>₽</u> 0	29 m 59	23M39	2≈34	27°R41	16 m) 6	5 3 26	25 × ⁷ 28	17°R 4	4°R30	3≈14	25 る 53	25M 4	F 1
S 2	0 42 22	8°39'44	6 M J31	1 <u>2</u> 46	24°32	3° 1	27 Y 33	16°13	5°27	25°29	17 I I 4	4≈20	3°11	26° 0	25°10	S 2
S 3	0 46 18	9°38'59	19°39	3°33	25°25	3°28	27°26	16°21	5°28	25°30	17° 3	4°10	3° 8	26° 7	25°16	S 3
M 4	0 50 15	10°38'17	2 ₹ 26	5°20	26°17	3°55	27°18	16°28	5°29	25°31	17° 3	4° 2	3° 5	26°13	25°22	M 4
T 5	0 54 11	11°37'36	14°52	7° 6	27° 8	4°22	27°11	16°35	5°30	25°32	17° 3	3°56	3° 2	26°20	25°28	T 5
W 6	0 58 8	12°36'57	27° 1	8°51	27°59	4°50	27° 3	16°42	5°31	25°32	17° 2	3°53	2°59	26°26	25°35	W 6
T 7	1 2 4	13°36'20	8 군 58	10°36	28°49	5°19	26°56	16°49	5°32	25°33	17° 2	3°D51	2°55	26°33	25°41	T 7
F 8	1 6 1	14°35'45	20°47	12°20	29°38	5°47	26°48	16°56	5°33	25°34	17° 1	3°51	2°52	26°40	25°48	F 8
S 9	1 9 58	15°35'11	2≈35	14° 4	0 ∡ 726	6°16	26°40	17° 3	5°34	25°35	17° 1	3°R52	2°49	26°46	25°54	S 9
S 10	1 13 54	16°34'39	14°27	15°47	1°14	6°46	26°32	17°10	5°36	25°37	17° 1	3°51	2°46	26°53	26° 1	S 10
M11	1 17 51	17°34'09	26°28	17°29	2° 0	7°16	26°24	17°17	5°37	25°38	17° 0	3°49	2°43	27° 0	26° 7	M11
T 12	1 21 47	18°33'41	8) (42	19°11	2°46	7°46	26°16	17°23	5°38	25°39	17° 0	3°44	2°40	27° 6	26°14	T 12
W13	1 25 44	19°33'14	21°12	20°52	3°31	8°16	26° 8	17°30	5°40	25°40	16°59	3°37	2°36	27°13	26°20	W13
T 14	1 29 40	20°32'50	4Υ 1	22°32	4°15	8°47	26° 0	17°37	5°41	25°41	16°58	3°27	2°33	27°20	26°27	T 14
F 15	1 33 37	21°32'27	17° 8	24°12	4°58	9°18	25°52	17°44	5°43	25°42	16°58	3°15	2°30	27°26	26°34	F 15
S 16	1 37 33	22°32'07	0 8 33	25°51	5°40	9°49	25°44	17°50	5°44	25°43	16°57	3° 2	2°27	27°33	26°40	S 16
S 17	1 41 30	23°31'48	14°13	27°29	6°21	10°21	25°36	17°57	5°46	25°45	16°57	2°50	2°24	27°40	26°47	S 17
M18	1 45 26	24°31'32	28° 4	29° 7	7° 1	10°52	25°28	18° 4	5°47	25°46	16°56	2°40	2°20	27°46	26°54	M18
T 19	1 49 23	25°31'18	12 II 3	0 M .44	7°40	11°24	25°20	18°10	5°49	25°47	16°55	2°31	2°17	27°53	27° 1	T 19
W20	1 53 20	26°31'06	26° 6	2°21	8°18	11°57	25°11	18°17	5°51	25°49	16°55	2°26	2°14	28° 0	27° 8	W20
T 21	1 57 16	27°30'56	109511	3°57	8°54	12°29	25° 3	18°23	5°53	25°50	16°54	2°24	2°11	28° 6	27°15	T 21
F 22	2 1 13	28°30'49	24°17	5°33	9°29	13° 2	24°55	18°29	5°55	25°51	16°53	2°23	2° 8	28°13	27°22	F 22
S 23	2 5 9	29°30'44	8 Ω 22	7° 8	10° 3	13°35	24°47	18°36	5°56	25°53	16°53	2°23	2° 5	28°19	27°29	S 23
S 24	2 9 6	0 M J30'41	22°26	8°42	10°35	14° 9	24°39	18°42	5°58	25°54	16°52	2°22	2° 1	28°26	27°36	S 24
M25	2 13 2	1°30'40	6 m 28	10°16	11° 6	14°42	24°31	18°48	6° 0	25°56	16°51	2°19	1°58	28°33	27°43	M25
T 26	2 16 59	2°30'41	20°26	11°50	11°35	15°16	24°23	18°54	6° 2	25°57	16°50	2°14	1°55	28°39	27°50	T 26
W27	2 20 55	3°30'45	4 ≏ 18	13°23	12° 3	15°50	24°15	19° 0	6° 4	25°59	16°49	2° 5	1°52	28°46	27°57	W27
T 28	2 24 52	4°30'50	18° 0	14°56	12°29	16°25	24° 7	19° 7	6° 6	26° 0	16°49	1°54	1°49	28°53	28° 5	T 28
F 29	2 28 49	5°30'58	1 M .30	16°28	12°54	16°59	23°59	19°13	6° 9	26° 2	16°48	1°41	1°45	28°59	28°12	F 29
S 30	2 32 45	6°31'07	14°45	18° 0	13°16	17°34	23°52	19°18	6°11	26° 4	16°47	1°28	1°42	29° 6	28°19	S 30
S 31	2 36 42	7 ጤ 31'18	27 M 43	19 M 32	13 ∡ 37	18 ≈ 9	23 Y 44	19 m 24	6 ප 13	26 ₹ 5	16 Ⅱ 46	1≈15	1 ≈ 39	29 궁 13	28 M 26	S 31

Day	0	D	ζ		φ	♂	2	4	ħ	1);	ł(4	(В		IJ	Ω	Ç	Ł	5
	decl	decl lat	decl	lat dec	lat de	el lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1 S 2	3 s 3 3 26	13 s33 4 s5′ 18 29 5 3		1n45 22 s42 1 42 23 (1 3s40 2 3 36	-		7n10 7 8		23 s43 23 43		22 s14 22 15	1n10 1 10	14n 7 14 7		19s10 19 13				3n32 3 32
S 3 M 4	3 50 4 13			1 38 23 17 1 34 23 34				1 34 1 34	7 5 7 2		23 43 23 43		22 15 22 15	1 10 1 10			19 15 19 17				3 32 3 32
T 5	4 36 5 0	26 26 3 50	1 27	1 34 23 32 1 30 23 50 1 25 24 0	4 24 22 3	3 3 27	9 1 8 59	1 34	7 0 6 57	1 50	23 43 23 43 23 43	0 20	22 15 22 15 22 15	1 10 1 10 1 10	14 6	8 48	19 17 19 18 19 19	19 31	21 31	15 44	3 32
T 7 F 8	5 23 5 46	25 19 2 9	2 59	1 20 24 2 1 14 24 30	4 32 22		8 56 8 53	1 34	6 54 6 52	1 50	23 42 23 42	0 20	22 15 22 15 22 15	1 10 1 10	14 6	8 48	19 20 19 20	19 33	21 27	15 47	3 32 3 32
S 9 S 10	6 9 6 32			1 9 24 5 1 3 25 4			8 50 8 47	1 34 1 34	6 49 6 47		23 4223 42		22 15 22 15	1 10 1 10	-		19 19 19 20				
M11 T 12	6 55 7 17		6 0	0 57 25 18 0 51 25 30	4 47 21	3 8	8 45	1 34	6 44 6 42	1 51	-	0 20	22 15 22 15 22 15	1 10 1 10 1 10	14 5	8 48	19 20 19 21	19 35	21 18	15 53	3 32
W13 T 14	7 40 8 2	0 5 3 43 5n37 4 23		0 44 25 43 0 38 25 54				1 34 1 34	6 39 6 37		23 42 23 42			1 9 1 9	14 5 14 4		19 23 19 25				3 32 3 32
F 15 S 16	8 25 8 47		8 55 9 37	0 31 26 3 0 25 26 10			8 33 8 30		6 34 6 32		23 42 23 42		22 16 22 16	1 9 1 9	14 4 14 4		19 28 19 31			15 59 16 1	3 32 3 32
S 17 M18 T 19	9 9 9 31 9 53	24 11 4 32		0 18 26 26 0 11 26 33 0 5 26 44	5 8 20		8 27 8 24 8 21	1 34 1 34 1 34	6 29 6 27 6 24	1 52	-	0 20	-	1 9 1 9 1 9	14 4	8 49	19 34 19 36 19 38	19 41	21 3	16 2 16 4 16 5	
W20 T 21 F 22	10 15 10 37	25 0 1 54	13 0	0s 2 26 52 0 9 27 0	5 14 19 3	8 2 39	8 16		6 22 6 20	1 52	23 41	0 20	22 16	1 9	14 3	8 49	19 39 19 40	19 43	20 56	16 8	3 32 3 32
S 23		17 42 0 s 32	3 13 39 2 14 16	0 16 27 1 0 22 27 14		4 2 34	8 10	1 34	6 17 6 15	1 53	23 41 23 41	0 20	22 16	1 9	14 3	8 50	19 40 19 40	19 44	20 52	16 11	3 32 3 32
S 24 M25 T 26	11 40 12 1 12 22	6 32 2 50	14 14 53 0 15 30 5 16 5	0 29 27 20 0 36 27 23 0 42 27 30	5 19 18	-		1 34 1 34 1 34	6 13 6 10 6 8	1 53	-	0 20 0 20 0 20		1 9 1 9 1 9	14 3 14 3 14 2	8 50	19 40 19 41 19 42	19 46	20 48	16 14	3 32
W27 T 28	12 43 13 3	5 s47 4 20		0 49 27 34 0 55 27 3	5 20 18 2	24 2 23		1 33	6 6 6 4	1 53	23 41	0 20 0 20 0 20	22 17	1 9	14 2 14 2 14 2	8 50	19 44 19 47	19 47	20 43	16 17	3 33 33 33
F 29 S 30			17 47 2 18 19	1 2 27 40 1 8 27 42				1 33 1 33	6 1 5 59		23 41 23 41		22 17 22 17	1 9 1 9	14 2 14 2		19 49 19 52				3 33 3 33
S 31	14s 3	24s 3 4s29	18s50	1 s14 27 s44	5 s 18 17 s	2 2 s 1 3	7n47	1 s33	5n57	1n54	23 s40	0 s 2 0	22 s17	1n 9	14n 2	8 s 5 0	19 s55	19 s50	20 s34	16 s23	3n33

 $\label{eq:Julian Day Number = 2325809.5, Delta T = 39.31 sec} \\ Ecliptic obliquity = 23°29'08, Nutation = 0°00'14, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 19°56'07, Lahiri = 19°03'07Greg. Calendar$

NOVEMBER 1655 GC 00:00 UT

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Day	Sid.t	0	D	ğ	φ	ð	4	ħ)∤(并	В	u	v	Ç	Ŷ,	Day
M 1	2 40 38	8ML31'31	10 х 22	21 M 3	13 ∡ 756	18≈44	23°R36	19 m 30	6 ප 15	26 ∡ 7	16°R45	1°R 4	1≈36	29 궁 19	28 M 34	M 1
T 2	2 44 35	9°31'46	22°44	22°33	14°13	19°19	23 Y 29	19°36	6°18	26° 9	16∏44	0≈56	1°33	29°26	28°41	T 2
W 3	2 48 31	10°32'02	4 궁 51	24° 4	14°28	19°55	23°21	19°42	6°20	26°10	16°43	0°51	1°30	29°33	28°48	W 3
T 4	2 52 28	11°32'20	16°47	25°33	14°41	20°30	23°14	19°47	6°22	26°12	16°43	0°49	1°26	29°39	28°56	T 4
F 5	2 56 24	12°32'39	28°36	27° 3	14°52	21° 6	23° 7	19°53	6°25	26°14	16°42	0°D48	1°23	29°46	29° 3	F 5
S 6	3 0 21	13°33'00	10≈23	28°32	15° 1	21°42	23° 0	19°58	6°27	26°16	16°41	0°R48	1°20	29°52	29°11	S 6
S 7	3 4 18	14°33'22	22°14	0 🛪 0	15° 7	22°18	22°53	20° 4	6°30	26°17	16°40	0°48	1°17	29°59	29°18	S 7
M 8	3 8 14	15°33'45	4) 15	1°28	15°11	22°55	22°46	20° 9	6°32	26°19	16°39	0°46	1°14	0≈ 6	29°26	M 8
T 9	3 12 11	16°34'10	16°31	2°56	15°R13	23°31	22°39	20°14	6°35	26°21	16°38	0°42	1°11	0°12	29°33	T 9
W10	3 16 7	17°34'36	29° 5	4°23	15°12	24° 8	22°32	20°19	6°37	26°23	16°37	0°36	1° 7	0°19	29°40	W10
T 11	3 20 4	18°35'04	12 ° 2	5°49	15° 9	24°44	22°26	20°25	6°40	26°25	16°36	0°27	1° 4	0°26	29°48	T 11
F 12	3 24 0	19°35'33	25°23	7°15	15° 4	25°21	22°19	20°30	6°43	26°27	16°35	0°16	1° 1	0°32	29°55	F 12
S 13	3 27 57	20°36'03	9 8 6	8°40	14°56	25°58	22°13	20°35	6°46	26°28	16°34	0° 5	0°58	0°39	0 ∡ 3	S 13
S 14	3 31 53	21°36'35	23° 9	10° 5	14°45	26°36	22° 7	20°39	6°48	26°30	16°33	29 궁 53	0°55	0°46	0°11	S 14
M15	3 35 50	22°37'09	7 Ⅲ 27	11°28	14°32	27°13	22° 1	20°44	6°51	26°32	16°32	29°43	0°51	0°52	0°18	M15
T 16	3 39 47	23°37'44	21°53	12°51	14°17	27°50	21°55	20°49	6°54	26°34	16°31	29°36	0°48	0°59	0°26	T 16
W17	3 43 43	24°38'21	69322	14°12	13°59	28°28	21°49	20°54	6°57	26°36	16°30	29°31	0°45	1° 6	0°33	W17
T 18	3 47 40	25°39'00	20°49	15°33	13°39	29° 6	21°44	20°58	7° 0	26°38	16°29	29°29	0°42	1°12	0°41	T 18
F 19	3 51 36	26°39'40	5 Ω 8	16°52	13°17	29°43	21°39	21° 3	7° 3	26°40	16°27	29°D29	0°39	1°19	0°48	F 19
S 20	3 55 33	27°40'22	19°19	18° 9	12°52	0 ∺ 21	21°33	21° 7	7° 5	26°42	16°26	29°30	0°36	1°25	0°56	S 20
S 21	3 59 29	28°41'05	3 m) 19	19°25	12°26	0°59	21°28	21°11	7° 8	26°44	16°25	29°R30	0°32	1°32	1° 3	S 21
M22	4 3 26	29°41'50	17° 9	20°39	11°57	1°37	21°24	21°16	7°11	26°46	16°24	29°28	0°29	1°39	1°11	M22
T 23	4 7 23	0 ҂ 42'37	0 <u>ჲ</u> 48	21°50	11°27	2°16	21°19	21°20	7°14	26°49	16°23	29°24	0°26	1°45	1°19	T 23
W24	4 11 19	1°43'25	14°17	22°59	10°56	2°54	21°14	21°24	7°18	26°51	16°22	29°18	0°23	1°52	1°26	W24
T 25	4 15 16	2°44'14	27°34	24° 4	10°23	3°32	21°10	21°28	7°21	26°53	16°21	29°10	0°20	1°59	1°34	T 25
F 26	4 19 12	3°45'05	10 M .40	25° 7	9°49	4°11	21° 6	21°32	7°24	26°55	16°20	29° 0	0°17	2° 5	1°41	F 26
S 27	4 23 9	4°45'57	23°33	26° 5	9°14	4°49	21° 2	21°36	7°27	26°57	16°19	28°49	0°13	2°12	1°49	S 27
S 28	4 27 5	5°46'51	6 ₹ 12	26°59	8°38	5°28	20°58	21°39	7°30	26°59	16°17	28°39	0°10	2°19	1°56	S 28
M29	4 31 2	6°47'46	18°38	27°47	8° 2	6° 7	20°55	21°43	7°33	27° 1	16°16	28°31	0° 7	2°25	2° 4	M29
T 30	4 34 58	7 ∡ 148'41	0 궁 51	28 × 30	7 . ₹25	6) 46	20 Y 52	21 Mp 46	7 云 36	27 × 3	16 Ⅱ 15	28 궁 25	0≈ 4	2≈32	2 ~ 11	T 30

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M 1 T 2	14 s22	25 s 54 3 : 26 24 3	s53 19 s21 7 19 50	1 s20 27: 1 26 27		17s18	2s10 2 8	7n45 7 42	1 s33 1 33	5n55 5 53		23 s40 23 40		22 s17 22 17	1n 9					20 s32 20 30		3n33 3 33
W 3		-	13 20 18			16 51	2 5	7 40	1 32	5 51		23 40		22 17	1 9		8 51			20 27		3 33
T 4	15 19	23 39 1	14 20 46	1 37 27	44 5 10	16 38	2 3	7 37	1 32	5 49	1 55	23 40	0 20	22 17	1 9	14 1	8 51	20 1	19 53	20 25	16 29	3 33
F 5			12 21 12		-	-	2 1	7 34	1 32	5 47		23 40		22 17	1 9		8 51	-		20 23		3 33
S 6	15 56	16 52 Oı	n51 21 37	1 48 27	39 5 3	16 10	1 58	7 32	1 32	5 45	1 55	23 40	0 20	22 17	1 9	14 1	8 51	20 1	19 54	20 21	16 32	3 33
S 7	16 14		51 22 2				1 56	7 30	1 32	5 43		23 40		22 18	1 9	14 1	8 51	-			16 34	3 34
M 8	16 32					15 41	1 53	7 27	1 31	5 41		23 39			1 8	14 0	8 51			20 16		3 34
T 9	16 49		38 22 47			15 27	1 51	7 25	1 31	5 39		23 39		22 18	1 8		8 51			20 14		3 34
W10	17 6		18 23 8			15 13	1 49	7 23	1 31	5 37		23 39		22 18	1 8	-	8 51	-		20 12		3 34
T 11 F 12	17 23		47 23 27			14 58	1 47	7 20	1 31	5 35		23 39		22 18	1 8		8 51		19 58		16 40	3 34
S 13	17 40		1 23 46 59 24 3		8 4 31	14 44 14 29	1 44 1 42	7 18 7 16	1 31 1 30	5 34 5 32		23 39 23 39		22 18 22 18	1 8 1 8		8 51	20 8	19 58		16 41 16 42	3 34 3 34
S 14	18 12		38 24 19			14 14	1 40	7 14	1 30	5 30		23 39		22 18	1 8			20 13			16 44	3 34
M15	18 28						1 38	7 12	1 30	5 28		23 38		22 18	1 8			20 15			16 45	3 35
T 16	-	26 20 3	-	2 25 26		13 44	1 35	7 10	1 30	5 27		23 38		22 18	1 8			20 16		19 58		3 35
W17	18 58					13 29	1 33	7 8	1 29	5 25		23 38		22 18	1 8			20 17		19 55		3 35
T 18 F 19			46 25 10 s30 25 19			13 14 12 59	1 31 1 29	7 6 7 5	1 29 1 29	5 24 5 22		23 38 23 38		22 18 22 18	1 8	13 59 13 59		20 18 20 18		19 53 19 51		3 35 3 35
S 20			44 25 27			12 43	1 29 1 27	7 3	1 29	5 21		23 38		22 19		13 59		20 18		19 48		3 35
S 21	19 54		51 25 33			-	1 25	7 1	1 28	5 19		23 38		22 19		13 59		20 18		19 46		3 36
M22	20 7		46 25 38		5 2 50		1 23	7 0	1 28	5 18		23 37		22 19		13 58		20 18		19 44		3 36
T 23 W24	20 20		28 25 41	2 27 24		11 57	1 21	6 58	1 28	5 16		23 37		22 19	1 8			20 19		19 41		3 36
T 25	20 33	10 10 4 15 22 5	55 25 43 5 25 43	2 25 24 2 22 24		11 41 11 25	1 19 1 17	6 57	1 28 1 27	5 15 5 13		23 37 23 37		22 19 22 19	1 8 1 8			20 20 20 22		19 39 19 37		3 36 3 36
		-	59 25 42			11 25	1 17	6 55 6 54	1 27	5 13		23 37		22 19	1 8			20 22		19 37		3 37
			38 25 39			10 54	1 13	6 53	1 27	5 11		23 37		22 19		13 58		20 24		19 34		3 37
S 28	21 19	25 22 4	3 25 35	2 8 23	11 1 25	10 38	1 11	6 52	1 27	5 10	2 0	23 36	0 20	22 19	1 8	13 58	8 52	20 28	20 9	19 30	17 3	3 37
			17 25 29			10 21	1 9	6 51	1 26	5 8		23 36		22 19		13 58				19 27		3 37
T 30	21 s39	25 s52 2	s23 25 s21	1 s53 22	29 0s54	10s 5	1 s 7	6n50	1 s26	5n 7	2n 1	23 s36	0 s 2 0	22 s19	1n 8	13n58	8 s 5 1	20 s31	20 s11	19 s 25	17s 5	3n38

 $\label{eq:Julian Day Number = 2325840.5, Delta T = 39.25 sec} \\ Ecliptic obliquity = 23°29'07, Nutation = 0°00'13, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 19°56'11, Lahiri = 19°03'12Greg. Calendar$

DECEMBER 1655 GC 00:00 UT

DECE	HIDEN 1	.033 uc													00.0	0 0 1
Day	Sid.t	0	D	ğ	Q.	ď	4	ħ)ұ(并	В	S.	S	Ç	ķ	Day
W 1	4 38 55	8 . 749'38	12 る 53	29 × 6	6°R49	7 ∺ 25	20°R48	21 m 50	7 云 40	27 ₹ 6	16°R14	28°R21	0≈ 1	2≈39	2 √ 19	W 1
T 2	4 42 52	9°50'36	24°46	29°35	6 ₹ 13	8° 4	20 Y 45	21°53	7°43	27° 8	16 I I13	28°D19	29 る 57	2°45	2°27	T 2
F 3	4 46 48	10°51'34	6≈33	29°56	5°38	8°43	20°43	21°56	7°46	27°10	16°12	28 궁 20	29°54	2°52	2°34	F 3
S 4	4 50 45	11°52'33	18°19	0중 7	5° 3	9°22	20°40	22° 0	7°49	27°12	16°10	28°21	29°51	2°59	2°42	S 4
S 5	4 54 41	12°53'32	0 ∺ 9	0°R 8	4°29	10° 1	20°38	22° 3	7°53	27°14	16° 9	28°22	29°48	3° 5	2°49	S 5
M 6	4 58 38	13°54'33	12° 8	29 × 759	3°57	10°41	20°36	22° 5	7°56	27°17	16° 8	28°R23	29°45	3°12	2°57	M 6
T 7	5 2 34	14°55'33	24°21	29°38	3°26	11°20	20°34	22° 8	7°59	27°19	16° 7	28°23	29°42	3°18	3° 4	T 7
W 8	5 6 31	15°56'35	6 Y 53	29° 6	2°56	11°59	20°32	22°11	8° 3	27°21	16° 6	28°20	29°38	3°25	3°11	W 8
T 9	5 10 27	16°57'36	19°49	28°23	2°29	12°39	20°31	22°14	8° 6	27°23	16° 5	28°16	29°35	3°32	3°19	T 9
F 10	5 14 24	17°58'39	3 8 11	27°28	2° 3	13°18	20°29	22°16	8°10	27°26	16° 3	28°11	29°32	3°38	3°26	F 10
S 11	5 18 21	18°59'42	17° 0	26°24	1°40	13°58	20°28	22°19	8°13	27°28	16° 2	28° 4	29°29	3°45	3°34	S 11
S 12	5 22 17	20° 0'45	1 Ⅱ 14	25°12	1°18	14°38	20°27	22°21	8°17	27°30	16° 1	27°58	29°26	3°52	3°41	S 12
M13	5 26 14	21° 1'49	15°49	23°53	0°59	15°17	20°27	22°23	8°20	27°32	16° 0	27°52	29°23	3°58	3°48	M13
T 14	5 30 10	22° 2'54	0938	22°31	0°43	15°57	20°26	22°25	8°23	27°35	15°59	27°48	29°19	4° 5	3°56	T 14
W15	5 34 7	23° 3'59	15°33	21° 8	0°29	16°37	20°26	22°27	8°27	27°37	15°58	27°46	29°16	4°12	4° 3	W15
T 16	5 38 3	24° 5'05	0 Ω 26	19°47	0°17	17°17	20°D26	22°29	8°30	27°39	15°56	27°D45	29°13	4°18	4°10	T 16
F 17	5 42 0	25° 6'11	15°10	18°31	0° 8	17°57	20°26	22°31	8°34	27°41	15°55	27°46	29°10	4°25	4°17	F 17
S 18	5 45 56	26° 7'18	29°39	17°22	0° 1	18°37	20°27	22°33	8°37	27°44	15°54	27°48	29° 7	4°32	4°24	S 18
S 19	5 49 53	27° 8'26	13 m 50	16°21	29 M 57	19°17	20°27	22°34	8°41	27°46	15°53	27°49	29° 3	4°38	4°32	S 19
M20	5 53 50	28° 9'34	27°42	15°30	29°D55	19°57	20°28	22°36	8°44	27°48	15°52	27°R50	29° 0	4°45	4°39	M20
T 21	5 57 46	29°10'43	11 ≏ 16	14°50	29°56	20°37	20°29	22°37	8°48	27°50	15°51	27°49	28°57	4°52	4°46	T 21
W22	6 1 43	0 궁 11'53	24°32	14°20	29°59	21°17	20°30	22°39	8°52	27°53	15°50	27°47	28°54	4°58	4°53	W22
T 23	6 5 39	1°13'03	7 M .32	14° 1	0 × 7 5	21°57	20°32	22°40	8°55	27°55	15°48	27°44	28°51	5° 5	5° 0	T 23
F 24	6 9 36	2°14'14	20°17	13°D52	0°13	22°37	20°33	22°41	8°59	27°57	15°47	27°40	28°48	5°11	5° 7	F 24
S 25	6 13 32	3°15'25	2 ₹ 50	13°52	0°23	23°17	20°35	22°42	9° 2	28° 0	15°46	27°35	28°44	5°18	5°14	S 25
S 26	6 17 29	4°16'37	15°11	14° 2	0°36	23°58	20°37	22°43	9° 6	28° 2	15°45	27°31	28°41	5°25	5°21	S 26
M27	6 21 25	5°17'48	27°21	14°19	0°50	24°38	20°39	22°43	9° 9	28° 4	15°44	27°28	28°38	5°31	5°28	M27
T 28	6 25 22	6°19'00	9 云 23	14°45	1° 7	25°18	20°42	22°44	9°13	28° 6	15°43	27°26	28°35	5°38	5°35	T 28
W29	6 29 19	7°20'12	21°18	15°17	1°26	25°58	20°44	22°44	9°17	28° 9	15°42	27°25	28°32	5°45	5°41	W29
T 30	6 33 15	8°21'23	3≈ 7	15°55	1°46	26°39	20°47	22°45	<u>9°20</u>	28°11	15°41	27°D24	2 <u>8</u> °29	5°51	5°48	T 30
F 31	6 37 12	9 궁 22'35	14≈54	16 × 38	2 × ⁷ 9	27 米 19	20 Y 50	22 Mp 45	9 궁 24	28 х 13	15 Ⅱ 40	27 る 25	28 궁 25	5≈58	5 ₹ 55	F 31

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W 1 T 2			22 25 s 13 19 25 2			0s39 0 23	9 s49 9 33	1s 5 1 4	6n49 6 48	1 s26 1 25	5n 6 5 5		23 s36 23 36		22 s19 22 19	-			20 s32 20 32				3n38 3 38
F 3 S 4	22 7 22 15		44 24 51 46 24 37		21 25 21 3	0 8 0n 8	9 16 9 0	1 2 1 0	6 47 6 47	1 25 1 25	5 4 5 3		23 35 23 35		22 19 22 20	-	13 57 13 57		20 32 20 32				3 38 3 39
S 5 M 6	22 23 22 31	3 42 3	44 24 23 35 24 7	0 38	20 21	0 23 0 38	8 43 8 27	0 58 0 56	6 46 6 46	1 24 1 24	5 2 5 1	2 3		0 20	22 20 22 20	1 8		8 51	20 32 20 31	20 15	19 11	17 12	3 39 3 39
T 7 W 8 T 9	22 38 22 44 22 51	7 10 4	18 23 50 49 23 31 7 23 11	0 2	19 41	0 53 1 8 1 22	8 10 7 54 7 37	0 55 0 53 0 51	6 45 6 45 6 45	1 24 1 24 1 23	5 0 4 59 4 59	2 3 2 3 2 3	23 34	0 20	22 20 22 20 22 20	1 8 1 8 1 8	13 57	8 51	20 32 20 32 20 33	20 16	19 6	17 13 17 15 17 16	3 39 3 40 3 40
F 10 S 11	22 56 23 2		9 22 51 54 22 29				7 20 7 3	0 50 0 48	6 44 6 44	1 23 1 23	4 58 4 57		23 34 23 34		22 20 22 20	1 8 1 8			20 34 20 35				3 40 3 40
S 12 M13 T 14	-	26 11 3	20 22 7 29 21 44 23 21 22	1 37	-	2 2 2 14 2 26	6 46 6 30 6 13	0 46 0 45 0 43	6 44 6 44 6 44	1 22 1 22 1 22	4 57 4 56 4 55	2 4 2 4 2 5	23 33	0 20	22 20 22 20 22 20	1 8 1 8 1 8	13 57	8 51	20 37 20 38 20 38	20 19	18 54	17 20	3 41 3 41 3 41
W15 T 16 F 17	23 21		6 21 0 15 20 40 34 20 22	2 26	17 30	2 38 2 48 2 59	5 56 5 39 5 22	0 41 0 40 0 38	6 45 6 45 6 45	1 21 1 21 1 21	4 55 4 54 4 54	2 5 2 5 2 6	23 33	0 20	22 20 22 20 22 20	1 8 1 8 1 8	13 56	8 51	20 39 20 39 20 39	20 21	18 47	17 23	3 42 3 42 3 42
S 18	23 26	9 2 2	46 20 6	2 48	17 8	3 8	5 5	0 37	6 46	1 20	4 53	2 6	23 32	0 20	22 20	1 8	13 56	8 51	20 39	20 23	18 42	17 25	3 43
S 19 M20 T 21	23 27 23 28 23 29	3 s 1 4	46 19 53 32 19 42 1 19 35	3 0	16 49	3 17 3 26 3 34	4 48 4 30 4 13	0 35 0 34 0 32	6 46 6 47 6 47	1 20 1 20 1 19	4 53 4 53 4 52	2 6 2 6 2 7	23 32	0 20	22 20 22 20 22 20	1 8		8 50	20 38 20 38 20 38	20 24	18 37	17 27	3 43 3 43 3 44
W22 T 23	23 29 23 29	18 55 5	13 19 31 9 19 30	3 3	16 29		3 56 3 39	0 31 0 29	6 48 6 49	1 19 1 19	4 52 4 52	2 7	23 31 23 31	0 20	22 21 22 21	1 8	13 56	8 50	20 39 20 39	20 26	18 29	17 30	3 44 3 44
F 24 S 25	23 27	24 58 4	50 19 31 17 19 35	2 57	16 20	4 1	3 22 3 4	0 28 0 26	6 50 6 51	1 18 1 18	4 52 4 52		23 31	0 20	22 21 22 21	1 8 1 8	13 56	8 50	20 40 20 41	20 27	18 24	17 31	3 45 3 45
S 26 M27 T 28	23 23	26 10 3 26 6 2 24 47 1		2 46		4 12	2 47 2 30 2 13	0 25 0 24 0 22	6 52 6 53 6 54	1 18 1 18 1 17	4 52 4 52 4 52	2 8	23 30 23 30 23 30	0 20	22 21 22 21 22 21	1 8 1 8 1 8		8 50	20 42 20 42 20 43	20 28	18 20	17 33	3 45 3 46 3 46
W29 T 30	23 17 23 13	22 21 0 18 59 0n	34 20 9 32 20 20	2 32 2 25	16 13 16 14	4 21 4 25	1 55 1 38	0 21 0 20	6 56 6 57	1 17 1 17	4 52 4 52	2 9 2 9	23 30 23 29	0 20 0 20	22 21 22 21	1 8 1 8	13 56 13 56	8 50 8 49	20 43 20 43	20 30 20 30	18 15 18 12	17 35 17 35	3 46 3 47
F 31	23 s 9	14 s53 1n	35 20 s33	2n17	16s15	4n28	1 s21	0s18	6n58	1 s16	4n52	2n10	23 s29	0s20	22 s21	In 8	13n56	8 s49	20 s43	20 s31	18s10	17s36	3n47

Julian Day Number = 2325870.5, Delta T = 39.20 sec Ecliptic obliquity = $23^{\circ}29'07$, Nutation = $0^{\circ}00'14$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $19^{\circ}56'15$, Lahiri = $19^{\circ}03'16$ Greg. Calendar