

Astrodienst Ephemeris Tables for the year 2160

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 2160 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂ [™]	4	ħ)ф(¥	Р	R	v	Ç	Ŷ,	Day
T 1	6 40 53	10궁 2'08	14 <u>₽</u> 44	25 궁 57	11 × 35	19) 7	9 M .46	8ML54	15 云 54	25 궁 11	1°R18	1°D 2	0 云 31	23 중 30	24≈ 3	T 1
W 2	6 44 49	11° 3'16	27°44	27°27	12°50	19°51	9°55	8°58	15°57	25°13	19917	1る 2	0°28	23°37	24° 7	W 2
T 3	6 48 46	12° 4'25	10 M 24	28°57	14° 5	20°34	10° 4	9° 3	16° 1	25°15	1°16	1° 3	0°25	23°44	24°10	T 3
F 4	6 52 42	13° 5'35	22°48	0≈25	15°19	21°18	10°13	9° 7	16° 4	25°17	1°15	1° 4	0°21	23°50	24°14	F 4
S 5	6 56 39	14° 6'45	4 ₹ 59	1°50	16°34	22° 2	10°22	9°12	16° 8	25°20	1°13	1° 5	0°18	23°57	24°17	S 5
S 6	7 0 35	15° 7'55	17° 1	3°14	17°48	22°45	10°30	9°16	16°12	25°22	1°12	1° 7	0°15	24° 3	24°21	S 6
M 7	7 4 32	16° 9'05	28°56	4°35	19° 3	23°29	10°39	9°20	16°15	25°24	1°11	1°R 7	0°12	24°10	24°25	M 7
T 8	7 8 29	17°10'16	10 궁 46	5°53	20°18	24°12	10°48	9°24	16°19	25°26	1°10	1° 7	0° 9	24°17	24°28	T 8
W 9	7 12 25	18°11'26	22°34	7° 8	21°32	24°56	10°56	9°28	16°22	25°29	1° 9	1° 6	0° 6	24°23	24°32	W 9
T 10	7 16 22	19°12'36	4≈22	8°18	22°47	25°39	11° 4	9°32	16°26	25°31	1° 8	1° 3	0° 2	24°30	24°36	T 10
F 11	7 20 18	20°13'46	16°12	9°23	24° 2	26°23	11°12	9°36	16°29	25°33	1° 7	1° 0	29 × 759	24°37	24°40	F 11
S 12	7 24 15	21°14'56	28° 6	10°22	25°17	27° 7	11°20	9°40	16°33	25°35	1° 5	0°57	29°56	24°43	24°43	S 12
S 13	7 28 11	22°16'05	10 ∺ 7	11°15	26°31	27°50	11°28	9°44	16°37	25°38	1° 4	0°53	29°53	24°50	24°47	S 13
M14	7 32 8	23°17'14	22°17	12° 0	27°46	28°34	11°36	9°47	16°40	25°40	1° 3	0°50	29°50	24°57	24°51	M14
T 15	7 36 4	24°18'22	4 Υ 40	12°37	29° 1	29°17	11°43	9°51	16°44	25°42	1° 2	0°48	29°46	25° 3	24°55	T 15
W16	7 40 1	25°19'29	17°19	13° 5	0 궁 16	0 Υ 1	11°51	9°54	16°47	25°45	1° 1	0°46	29°43	25°10	24°59	W16
T 17	7 43 58	26°20'36	0817	13°23	1°31	0°44	11°58	9°58	16°51	25°47	1° 0	0°D46	29°40	25°17	25° 3	T 17
F 18	7 47 54	27°21'43	13°39	13°R30	2°45	1°28	12° 5	10° 1	16°54	25°49	0°59	0°47	29°37	25°23	25° 7	F 18
S 19	7 51 51	28°22'48	27°27	13°25	4° 0	2°11	12°13	10° 4	16°58	25°51	0°58	0°48	29°34	25°30	25°11	S 19
S 20	7 55 47	29°23'53	11 II 41	13° 9	5°15	2°55	12°19	10° 7	17° 1	25°54	0°57	0°50	29°31	25°37	25°15	S 20
M21	7 59 44	0≈24'58	26°20	12°41	6°30	3°38	12°26	10°10	17° 5	25°56	0°56	0°R51	29°27	25°43	25°19	M21
T 22	8 3 40	1°26'01	119519	12° 2	7°45	4°21	12°33	10°13	17° 8	25°58	0°55	0°51	29°24	25°50	25°23	T 22
W23	8 7 37	2°27'04	26°32	11°12	8°59	5° 5	12°39	10°16	17°12	26° 0	0°54	0°49	29°21	25°57	25°27	W23
T 24	8 11 33	3°28'06	11 Ω 49	10°13	10°14	5°48	12°46	10°19	17°15	26° 3	0°53	0°45	29°18	26° 3	25°31	T 24
F 25	8 15 30	4°29'07	26°59	9° 6	11°29	6°32	12°52	10°21	17°19	26° 5	0°52	0°41	29°15	26°10	25°35	F 25
S 26	8 19 27	5°30'08	11 m) 53	7°54	12°44	7°15	12°58	10°24	17°22	26° 7	0°51	0°35	29°12	26°17	25°40	S 26
S 27	8 23 23	6°31'08	26°22	6°38	13°59	7°58	13° 4	10°26	17°26	26°10	0°50	0°30	29° 8	26°23	25°44	S 27
M28	8 27 20	7°32'08	10 ≏ 23	5°21	15°14	8°41	13° 9	10°28	17°29	26°12	0°49	0°26	29° 5	26°30	25°48	M28
T 29	8 31 16	8°33'07	23°55	4° 6	16°29	9°25	13°15	10°31	17°33	26°14	0°48	0°23	29° 2	26°37	25°52	T 29
W30	8 35 13	9°34'06	6M 59	2°54	17°43	10° 8	13°20	10°33	17°36	26°16	0°47	0°D22	28°59	26°43	25°56	W30
T 31	8 39 9	10≈35'04	19 M .38	1≈47	18 る 58	10 Υ 51	13 M 26	10 M 35	17 る 39	26 ප 18	0946	0 ろ 22	28 × 756	26 궁 50	26≈ 1	T 31

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	decl	decl lat	decl	lat dec	l lat c	lecl lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1 W 2 T 3	23 s 2 22 58 22 52	15 4 4 44	22 s 58 22 37 5 22 14	2 0 21	6 1 14 4		13 s 3 9 13 4 1 13 4 4	1n 8 1 9 1 9	12 15	2 21	22 51	0 23	20 s34 20 34 20 33	0n31 0 31 0 31	16n58 16 58 16 58	6 26	23 s25 23 25 23 25		19 s23 19 21 19 20	7 s49 7 48 7 47	6n 1 6 0 6 0
F 4 S 5	22 46	21 38 3 17		1 51 21 2	8 1 9 4	0 0 37	_	1 9	12 17	2 21		0 23		0 31 0 31	16 58 16 59	6 26	23 25	23 25		7 46 7 45	6 0 5 59
S 6 M 7 T 8 W 9 T 10 F 11	22 3 21 54	23 37 0 12 22 6 0n53 19 37 1 56 16 20 2 54 12 24 3 44	20 34 3 20 6 5 19 39 4 19 10 4 18 42	1 30 21 5 1 22 22 1 13 22 1 1 2 22 1 0 51 22 2	6 1 2 3 4 1 0 2 2 0 57 2 9 0 55 2 5 0 52 1	6 0 33 47 0 32 29 0 31 11 0 29 52 0 28	14 2 14 4	1 9 1 9 1 10 1 10 1 10	12 21 12 22 12 23 12 24 12 25	2 22 2 22 2 22 2 23 2 23	22 49 22 49 22 48 22 48 22 47 22 47	0 23 0 23 0 23 0 23 0 23	20 32 20 32 20 31 20 31 20 30 20 30	0 31 0 31 0 31 0 31 0 31	16 59 16 59 16 59 16 59 16 59	6 26 6 26 6 26 6 26 6 26	23 25 23 25 23 25 23 25 23 25 23 25	23 25 23 25 23 25 23 25 23 25 23 25	19 6 19 4	7 42 7 41 7 40	5 59 5 59 5 59 5 58 5 58 5 58
S 12 S 13 M14 T 15 W16 T 17 F 18 S 19	21 44 21 35 21 25 21 14 21 3 20 52 20 40 20 28	1n43 5 11 6 39 5 14 11 26 5 2 15 50 4 34 19 36 3 51	17 47 17 20 16 55 2 16 31 16 10	0 25 22 3 0 10 22 4 0n 5 22 4 0 22 22 4 0 39 22 4 0 57 22 5	6 0 47 1 0 0 44 0 3 0 42 0 6 0 39 0 8 0 36 0 0 0 34 0	n16 0 20	14 9 14 11 14 13 14 15	1 10 1 10 1 10 1 11 1 11 1 11	12 27 12 28 12 29 12 30 12 30	2 23 2 23 2 24 2 24 2 24 2 24 2 24		0 23 0 23 0 23 0 23 0 23 0 23	20 30 20 29 20 29 20 28 20 28 20 28 20 27 20 27	0 31 0 31 0 31 0 31 0 31 0 31 0 31	16 59 16 59 17 0 17 0 17 0 17 0 17 0 17 0	6 25 6 25 6 25 6 25 6 25 6 25	23 25 23 25 23 25 23 25 23 25 23 25 23 25	23 25	19 0 18 58 18 56	7 39 7 38 7 37 7 36 7 35 7 33 7 32 7 31	5 57 5 57 5 57 5 57 5 57 5 56 5 56 5 56
S 20 M21 T 22 W23 T 24 F 25 S 26	20 3	23 47 0 25 21 59 0s57 18 36 2 16 13 56 3 26 8 26 4 20	15 5 5 15 2 5 15 3 7 15 7	2 43 22 4 2 57 22 4	0 0 25 1 9 0 23 1 7 0 20 1 4 0 17 2 1 0 15 2	11 0 17 29 0 16 47 0 15 5 0 14 23 0 13	14 23 14 25 14 27 14 29 14 31 14 32 14 34	1 11 1 12 1 12 1 12 1 12	12 34	2 25 2 25 2 26 2 26 2 26	22 43 22 42 22 42 22 41 22 41 22 41	0 23 0 23 0 23 0 23 0 23	20 26 20 26 20 26 20 25 20 25 20 25 20 24 20 24	0 31 0 31 0 31 0 31 0 31 0 31 0 31	17 0 17 1 17 1 17 1 17 1	6 25 6 24 6 24 6 24 6 24	23 25 23 25 23 25 23 25 23 25 23 25	23 25	18 42 18 40 18 38 18 36	7 30 7 29 7 28 7 27 7 25 7 24 7 23	5 56 5 56 5 55 5 55 5 55 5 55 5 55
S 27 M28 T 29 W30 T 31		8 49 5 7 13 42 4 46 17 46 4 11	15 47	3 27 22 2 3 32 22 2 3 34 22 1	6 0 7 3 0 0 4 3 4 0 1 3	18 0 10 35 0 9 53 0 8	14 36 14 37 14 39 14 40 14 s42	1 13 1 13 1 13	12 37 12 38 12 38 12 38 12 38 12 s39	2 27 2 27 2 27	22 40 22 40 22 39 22 39 22 s38	0 23 0 23 0 23	20 23 20 23 20 23 20 22 20 22	0 31 0 31 0 31 0 31 0n31	17 1 17 1 17 2	6 24 6 23 6 23	23 25 23 25 23 25	23 25 23 25	18 32 18 30 18 28 18 26 18 24	7 22 7 21 7 19 7 18 7 s17	5 54 5 54 5 54 5 54 5 54

Julian Day Number = 2509983.5, Delta T = 128.79 sec Ecliptic obliquity = 23°25'06, Nutation = 0°00'18, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 26°58'34, Lahiri = 26°05'34

FEBRUARY 2160 00:00 UT

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Day	Sid.t	0	D	ğ	φ	ď	4	ħ)Å(¥	Р	N.	v	Ç	Š,	Day
F 1	8 43 6	11≈36'02	1 √ 58	0°R46	20 ට 13	11 Y 34	13 M .31	10 M 37	17 云 43	26 පි 21	0°R45	0 궁 23	28 × 752	26 궁 57	26≈ 5	F 1
S 2	8 47 2	12°36'58	14° 3	29 궁 53	21°28	12°18	13°36	10°38	17°46	26°23	09645	0°25	28°49	27° 3	26° 9	S 2
S 3	8 50 59	13°37'55	25°57	29° 9	22°43	13° 1	13°40	10°40	17°49	26°25	0°44	0°R26	28°46	27°10	26°13	S 3
M 4	8 54 56	14°38'50	7 ح 46	28°33	23°58	13°44	13°45	10°42	17°53	26°27	0°43	0°26	28°43	27°17	26°18	M 4
T 5	8 58 52	15°39'45	19°33	28° 5	25°13	14°27	13°49	10°43	17°56	26°29	0°42	0°24	28°40	27°23	26°22	T 5
W 6	9 2 49	16°40'38	1≈20	27°46	26°28	15°10	13°54	10°45	17°59	26°32	0°41	0°19	28°37	27°30	26°26	W 6
T 7	9 6 45	17°41'31	13°11	27°36	27°43	15°53	13°58	10°46	18° 3	26°34	0°41	0°13	28°33	27°37	26°31	T 7
F 8	9 10 42	18°42'22	25° 8	27°D33	28°58	16°36	14° 2	10°47	18° 6	26°36	0°40	0° 4	28°30	27°43	26°35	F 8
S 9	9 14 38	19°43'12	7 ∺ 11	27°38	0≈13	17°19	14° 5	10°48	18° 9	26°38	0°39	29 × 754	28°27	27°50	26°39	S 9
S 10	9 18 35	20°44'01	19°22	27°50	1°28	18° 2	14° 9	10°49	18°12	26°40	0°38	29°44	28°24	27°57	26°44	S 10
M11	9 22 31	21°44'48	1 Υ 42	28° 8	2°42	18°45	14°12	10°50	18°15	26°42	0°38	29°35	28°21	28° 3	26°48	M11
T 12	9 26 28	22°45'34	14°12	28°33	3°57	19°28	14°15	10°51	18°18	26°44	0°37	29°27	28°18	28°10	26°52	T 12
W13	9 30 25	23°46'19	26°56	29° 2	5°12	20°11	14°18	10°51	18°21	26°47	0°36	29°21	28°14	28°17	26°57	W13
T 14	9 34 21	24°47'02	9 8 55	29°37	6°27	20°54	14°21	10°52	18°25	26°49	0°36	29°17	28°11	28°23	27° 1	T 14
F 15	9 38 18	25°47'43	23°11	0≈16	7°42	21°37	14°24	10°52	18°28	26°51	0°35	29°D16	28° 8	28°30	27° 6	F 15
S 16	9 42 14	26°48'23	6 Ⅱ 47	1° 0	8°57	22°20	14°26	10°53	18°31	26°53	0°34	29°16	28° 5	28°37	27°10	S 16
S 17	9 46 11	27°49'01	20°45	1°48	10°12	23° 3	14°29	10°53	18°34	26°55	0°34	29°17	28° 2	28°43	27°14	S 17
M18	9 50 7	28°49'38	5 9 5	2°39	11°27	23°46	14°31	10°53	18°37	26°57	0°33	29°R17	27°58	28°50	27°19	M18
T 19	9 54 4	29°50'12	19°46	3°33	12°42	24°28	14°33	10°R53	18°39	26°59	0°33	29°16	27°55	28°57	27°23	T 19
W20	9 58 0	0 ¥ 50'45	4 Ω 43	4°30	13°56	25°11	14°35	10°53	18°42	27° 1	0°32	29°11	27°52	29° 3	27°27	W20
T 21	10 1 57	1°51'17	19°49	5°31	15°11	25°54	14°36	10°53	18°45	27° 3	0°32	29° 5	27°49	29°10	27°32	T 21
F 22	10 5 54	2°51'46	4 m 54	6°33	16°26	26°36	14°38	10°53	18°48	27° 5	0°31	28°56	27°46	29°17	27°36	F 22
S 23	10 9 50	3°52'14	19°49	7°38	17°41	27°19	14°39	10°52	18°51	27° 7	0°31	28°45	27°43	29°23	27°40	S 23
S 24	10 13 47	4°52'41	4 º 24	8°46	18°56	28° 2	14°40	10°52	18°54	27° 8	0°30	28°35	27°39	29°30	27°45	S 24
M25	10 17 43	5°53'06	18°33	9°55	20°11	28°44	14°41	10°51	18°56	27°10	0°30	28°26	27°36	29°37	27°49	M25
T 26	10 21 40	6°53'30	2 M .13	11° 7	21°26	29°27	14°41	10°50	18°59	27°12	0°29	28°19	27°33	29°43	27°53	T 26
W27	10 25 36	7°53'52	15°24	12°20	22°40	0 8 9	14°42	10°50	19° 2	27°14	0°29	28°14	27°30	29°50	27°58	W27
T 28	10 29 33	8°54'14	28° 9	13°35	23°55	0°52	14°42	10°49	19° 4	27°16	0°29	28°12	27°27	29°57	28° 2	T 28
F 29	10 33 29	9) 54'33	10 ₮ 31	14≈52	25≈10	1834	14°R42	10 M .48	19 궁 7	27 る 18	0ഇ28	28°D11	27 × 724	0≈ 3	28≈ 6	F 29

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F 1	17 s17	22 s58		16s31		21 s58	0s 4	4n29	0s 6	14 s43		12 s 39	2n28	22 s38	0 s23	20 s21		17n 2			23 s25		7s16	5n54
S 2	17 0	23 55	1 28	16 46	3 28	21 49	0 7	4 47	0 5	14 44	1 14	12 40	2 28	22 38	0 23	20 21	0 31	17 2	6 23	23 25	23 25	18 20	7 14	5 54
S 3		23 46	0 24	-, -		21 40	0 9	5 4	0 4			12 40		22 37		20 21	0 31					18 18	7 13	
M 4		22 32		17 15		21 29	0 12	5 22	0 3			12 40		22 37		20 20						18 16	7 12	5 53
T 5	-	20 19	1 42			21 19	0 15	5 40		14 48		12 40		22 36		20 20	0 31	17 3				18 14	7 10	5 53
W 6	15 49			17 42	2 56	-	0 17	5 57		14 49		12 40		22 36		20 19						18 12	7 9	5 53
T 7	15 31			17 55		20 55	0 20	6 15		14 50		12 41		22 35		20 19	0 31	17 3				18 10		5 53
F 8	15 12		4 12			20 43	0 22	6 32		_	1 15			22 35		20 19	0 31	17 3			23 25		7 6	5 53
S 9	14 53	4 29	4 43	18 16	2 24	20 29	0 25	6 49	0 2	14 52	1 15	12 41	2 30	22 35	0 24	20 18	0 31	17 3	6 22	23 25	23 25	18 6	7 5	5 53
S 10	14 34	0n25	5 1	18 25	2 12	20 15	0 27	7 7	0 3	14 53	1 15	12 41	2 30	22 34	0 24	20 18	0 31	17 3	6 22	23 25	23 25	18 4	7 4	5 53
M11	14 15	5 21	5 6	18 33	2 0	20 1	0 29	7 24	0 4	14 53	1 15	12 41	2 30	22 34	0 24	20 17	0 31	17 4	6 21	23 25	23 24	18 2	7 2	5 53
T 12	13 55	10 9	4 56	18 40	1 49	19 46	0 32	7 41	0 4	14 54	1 15	12 41	2 30	22 33	0 24	20 17	0 31	17 4			23 24		7 1	5 53
	13 35		-	18 45	1 37		0 34	7 58		14 55	-	12 41		22 33		20 17	0 31	17 4				17 58	6 59	5 53
T 14		18 27	3 53	18 50			0 36	8 15		14 56	1 16	12 41		22 33		20 16	0 31	17 4			23 24		6 58	5 52
F 15		21 28		18 53	1 13		0 39	8 32			1 16			22 32		20 16					23 24		6 57	5 52
S 16	12 34	23 21	1 58	18 54	1 2	18 40	0 41	8 48	0 8	14 57	1 16	12 41	2 31	22 32	0 24	20 15	0 31	17 4	6 21	23 25	23 24	17 51	6 55	5 52
S 17	12 13	23 51	0 46	18 55	0 51	18 22	0 43	9 5	0 9	14 57	1 16	12 41	2 32	22 31	0 24	20 15	0 31	17 5	6 20	23 25	23 24	17 49	6 54	5 52
M18	11 52	22 48	0s31	18 54	0 40	18 4	0 45	9 22	0 10	14 58	1 17	12 40	2 32	22 31	0 24	20 15	0 31	17 5	6 20	23 25	23 24	17 47	6 52	5 52
T 19	11 31	20 12	1 47	18 52	0 29	17 45	0 47	9 38	0 10	14 58	-	12 40		22 31	0 24	20 14	0 31	17 5	6 20	23 25	23 24	17 45	6 51	5 52
	-	16 12		18 49		17 25	0 49			14 58		12 40		22 30		20 14	0 31	17 5			23 24		6 49	5 52
T 21	10 48			-	0 8			10 11		14 59		12 40		22 30		20 13	0 31	17 5			23 24		6 48	5 52
F 22	10 27			18 39		16 45		10 27		14 59	-	12 39		22 30		20 13	0 31				23 24		6 47	5 52
S 23	10 5	0s34	5 0	18 31	0 11	16 24	0 55	10 43	0 14	14 59	1 18	12 39	2 33	22 29	0 24	20 13	0 31	17 6	6 19	23 25	23 24	17 37	6 45	5 52
S 24	9 43	6 22	5 2	18 23	0 20		0 57	10 59	0 14	14 59	1 18	12 39	2 33	22 29	0 24	20 12	0 31	17 6				17 35	6 44	5 52
M25	9 21		-	18 13		-		11 15		14 59	_	12 38		22 29		20 12	0 31				23 24		6 42	5 52
T 26	8 58	-	4 12	-				11 31		14 59		12 38		22 28		20 12						17 30	6 41	5 52
W27		19 44	-	17 50	0 46			11 47		14 59		12 37		22 28		20 11	0 31	17 6			23 24		6 39	5 52
T 28	-	22 13		17 36		14 33		12 2		14 59	_	12 37		22 27		20 11				-	23 24		6 38	5 52
F 29	7 s 5 1	23 s32	1 s33	17 s21	1 s 2	14s 9	1s 6	12n18	0n18	14s59	1n19	12 s36	2n34	22 s27	0 s24	20s11	0n31	17n 7	6s18	23 s24	23 s24	17 s24	6 s 3 6	5n52

Julian Day Number = 2510014.5, Delta T = 128.85 sec Ecliptic obliquity = $23^{\circ}25'06$, Nutation = $0^{\circ}00'19$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^{\circ}58'38$, Lahiri = $26^{\circ}05'39$

MARCH 2160 00:00 UT

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Day	Sid.t	0)	ğ	φ	ď	4	ħ)∤(卉	Р	S.	v	Ç	ķ	Day
S 1	10 37 26	10) € 54'52	22 × 37	16≈10	26≈25	2816	14°R42	10°R47	19 る 9	27 궁 19	0°R28	28°R12	27 × 720	0≈10	28≈10	S 1
S 2	10 41 23	11°55'09	4 る 30	17°30	27°40	2°59	14 M .41	10 M .45	19°12	27°21	0928	28 × 12	27°17	0°17	28°15	S 2
M 3	10 45 19	12°55'24	16°18	18°51	28°55	3°41	14°41	10°44	19°14	27°23	0°28	28°10	27°14	0°23	28°19	M 3
T 4	10 49 16	13°55'38	28° 5	20°14	0 ∺ 9	4°23	14°40	10°43	19°17	27°25	0°27	28° 6	27°11	0°30	28°23	T 4
W 5	10 53 12	14°55'50	9≈55	21°38	1°24	5° 6	14°39	10°41	19°19	27°26	0°27	28° 0	27° 8	0°37	28°27	W 5
T 6	10 57 9	15°56'00	21°50	23° 3	2°39	5°48	14°38	10°40	19°22	27°28	0°27	27°50	27° 4	0°43	28°32	T 6
F 7	11 1 5	16°56'09	3 ∺ 55	24°29	3°54	6°30	14°37	10°38	19°24	27°30	0°27	27°38	27° 1	0°50	28°36	F 7
S 8	11 5 2	17°56'16	16° 9	25°57	5° 9	7°12	14°36	10°36	19°26	27°31	0°27	27°24	26°58	0°57	28°40	S 8
S 9	11 8 58	18°56'21	28°35	27°26	6°23	7°54	14°34	10°34	19°28	27°33	0°26	27°10	26°55	1° 3	28°44	S 9
M10	11 12 55	19°56'25	11 Y 11	28°56	7°38	8°37	14°32	10°32	19°31	27°34	0°26	26°57	26°52	1°10	28°48	M10
T 11	11 16 51	20°56'26	23°58	0 ∺ 28	8°53	9°19	14°30	10°30	19°33	27°36	0°26	26°45	26°49	1°17	28°52	T 11
W12	11 20 48	21°56'25	6 8 57	2° 0	10° 8	10° 1	14°28	10°28	19°35	27°38	0°26	26°36	26°45	1°23	28°57	W12
T 13	11 24 45	22°56'22	20° 7	3°34	11°22	10°43	14°26	10°26	19°37	27°39	0°26	26°31	26°42	1°30	29° 1	T 13
F 14	11 28 41	23°56'17	3Ⅱ29	5° 9	12°37	11°25	14°23	10°23	19°39	27°41	0°D26	26°28	26°39	1°37	29° 5	F 14
S 15	11 32 38	24°56'10	17° 5	6°45	13°52	12° 7	14°20	10°21	19°41	27°42	0°26	26°27	26°36	1°43	29° 9	S 15
S 16	11 36 34	25°56'01	0956	8°22	15° 6	12°49	14°17	10°18	19°43	27°43	0°26	26°27	26°33	1°50	29°13	S 16
M17	11 40 31	26°55'50	15° 2	10° 1	16°21	13°30	14°14	10°16	19°45	27°45	0°26	26°26	26°29	1°57	29°17	M17
T 18	11 44 27	27°55'36	29°23	11°41	17°36	14°12	14°11	10°13	19°47	27°46	0°26	26°24	26°26	2° 3	29°21	T 18
W19	11 48 24	28°55'20	13 Ω 57	13°21	18°50	14°54	14° 8	10°10	19°49	27°47	0°26	26°19	26°23	2°10	29°24	W19
T 20	11 52 20	29°55'01	28°39	15° 3	20° 5	15°36	14° 4	10° 7	19°50	27°49	0°26	26°11	26°20	2°17	29°28	T 20
F 21	11 56 17	0 Υ 54'41	13 m 22	16°47	21°20	16°17	14° 0	10° 4	19°52	27°50	0°27	26° 1	26°17	2°23	29°32	F 21
S 22	12 0 14	1°54'18	28° 0	18°31	22°34	16°59	13°56	10° 1	19°54	27°51	0°27	25°49	26°14	2°30	29°36	S 22
S 23	12 4 10	2°53'53	12 ≏ 23	20°17	23°49	17°41	13°52	9°58	19°55	27°53	0°27	25°37	26°10	2°37	29°40	S 23
M24	12 8 7	3°53'26	26°26	22° 4	25° 4	18°22	13°48	9°55	19°57	27°54	0°27	25°27	26° 7	2°43	29°44	M24
T 25	12 12 3	4°52'58	10 M 5	23°52	26°18	19° 4	13°43	9°52	19°58	27°55	0°27	25°18	26° 4	2°50	29°47	T 25
W26	12 16 0	5°52'28	23°17	25°42	27°33	19°45	13°39	9°49	20° 0	27°56	0°28	25°12	26° 1	2°57	29°51	W26
T 27	12 19 56	6°51'56	6 ₹ 5	27°33	28°47	20°27	13°34	9°45	20° 1	27°57	0°28	25° 8	25°58	3° 3	29°55	T 27
F 28	12 23 53	7°51'22	18°31	29°25	0 Υ 2	21° 8	13°29	9°42	20° 3	27°58	0°28	25° 7	25°55	3°10	29°58	F 28
S 29	12 27 49	8°50'46	0 궁 40	1 Ƴ 19	1°16	21°50	13°24	9°38	20° 4	27°59	0°29	25°D 7	25°51	3°17	0₩ 2	S 29
S 30	12 31 46	9°50'09	12°36	3°13	2°31	22°31	13°19	9°35	20° 5	28° 0	0°29	25°R 7	25°48	3°23	0° 6	S 30
M31	12 35 43	10 Y 49'30	24 궁 26	5 Υ 9	3 ℃ 45	23 8 13	13 M .14	9 M .31	20중 7	28 ਰ 1	0929	25 ₹ 6	25 ₹ 45	3≈30	0 ∺ 9	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	7 s28	23 s42	0 s 3 0	17s 4	1s 9	13 s46	1 s 8	12n33	0n19	14s59	1n19	12 s36	2n35	22 s27	0 s24	20s10	0n31	17n 7	6s18	23 s24	23 s24	17 s22	6s35	5n52
S 2	7 5	22 47	0n34	16 47	1 16	13 21	1 9	12 48	0 20	14 58	1 19	12 35	2 35	22 26	0 24	20 10	0 31	17 7	6 18	23 24	23 23	17 20	6 33	5 52
M 3	6 42		1 35	16 28	1 23		1 10		0 21	14 58	1 19			22 26			0 31	17 7				17 18	6 32	5 52
T 4	6 19		2 32	16 8	1 29			-	0 21	14 58		12 34		22 26			0 31	17 7				17 16	6 30	5 52
W 5 T 6	5 56 5 33		3 22 4 4	15 47 15 24	1 35 1 40		1 13 1 15		0 22 0 23		1 20 1 20			22 25 22 25			0 31 0 31	17 8 17 8			23 23 23 23		6 29 6 28	5 52 5 53
F 7	5 9	-		-	1 45		1 16			14 56	1 20			22 25	0 24		0 31	17 8			23 23		6 26	5 53
S 8	4 46			14 35	1 50	-		14 17		14 56		12 31		22 25	0 24		0 31	17 8			23 23		6 25	5 53
S 9	4 22	4n 1	5 0	14 8	1 54	10 22	1 18	14 32	0 25	14 55	1 20	12 30	2 36	22 24	0 24	20 8	0 31	17 8	6 17	23 23	23 23	17 5	6 23	5 53
M10	3 59	8 53	4 51	13 41	1 58	9 55	1 19	14 46	0 25	14 54	1 20	12 29	2 37	22 24	0 24	20 7	0 31	17 9	6 16	23 23	23 23	17 3	6 22	5 53
T 11	3 35	13 26	4 27	13 12	2 2	9 28	1 20	15 0		14 53	1 21	12 28		22 24	0 24	20 7	0 31	17 9			23 23		6 20	5 53
W12	3 12		3 50	12 42	2 5	9 1	1 21	15 14			1 21	12 28		22 23			0 31	17 9				16 58	6 19	5 53
T 13	2 48		2 59	12 10	2 8	8 33	1 22			14 52	1 21			22 23			0 31	17 9			23 23		6 17	5 53
F 14		22 46		11 38	2 10	8 5	1 23			14 51	1 21	12 26		22 23			0 31	17 9			23 23		6 16	
S 15	2 1	23 37	0 49	11 4	2 12	7 37	1 23	15 55	0 29	14 50	1 21	12 25	2 38	22 23	0 24	20 6	0 31	17 10	6 15	23 22	23 22	16 52	6 14	5 53
S 16	1 37	-		10 29	2 13	7 9	1 24			14 49	1 22			22 22	0 24		0 31					16 50	6 13	
M17	1 13		1 37	9 53	2 15	6 41	1 25			14 48	1 22	12 23	2 38				0 31	17 10			23 22		6 11	5 54
T 18	0 49		2 45	9 16		6 12	1 25		0 31	14 47	1 22	12 22	2 38		0 24		0 31	17 10			23 22		6 10	
W19 T 20	0 26	_	3 43	8 37	2 15	5 43	1 26			14 46	1 22	12 21	2 38		0 24		0 31	17 10			23 22		6 8	5 54
F 21	0 2 0n22	7 46 2 1	4 27 4 53	7 58 7 17	2 15 2 14	5 15 4 46	1 26	17 0 17 13	0 32	14 44 14 43	1 22 1 22	12 20 12 19		22 21 22 21	0 24 0 24		0 31 0 31	17 11 17 11			23 22	16 39	6 7 6 5	5 54 5 54
S 22	0 45		5 0	6 35	2 14 2 13	4 46		17 13		14 43	1 22			22 21	0 24		0 31	17 11				16 39	6 5 6 4	
S 23 M24	1 9 1 33	/ 10	4 48 4 18	5 52 5 8	2 12	3 47 3 18	1 27 1 27	17 38 17 50		-	1 23 1 23	12 16 12 15		22 21 22 21	0 25 0 25		0 31 0 31	17 11 17 11			-	16 35 16 32	6 2	5 54 5 55
T 25	1 56		4 18	3 8 4 22	2 10 2 7	2 48	1 27	18 2	0 34		1 23	12 13	2 39		0 25	20 3	0 31	17 11			23 22		6 1	5 55
W26	2 20		2 40	3 36	2 4	2 48	1 27	-		14 36	1 23	12 14		22 20	0 25	20 3	0 31	17 11			23 22			5 55
T 27	2 43	- 1	1 39	2 49	2 0	1 49	1 27	-		14 35	1 23			22 20			0 31	17 12			23 21			5 55
F 28	3 7	23 30	0 35	2 0	1 56	1 19	1 27				1 23			22 20			0 31	17 12			23 21	16 24	5 55	5 55
S 29	-	22 56	0n29	1 11	1 51	0 49		18 48		14 31	1 23			22 20			0 31	17 12			23 21		5 54	
S 30	3 54	21 18	1 31	0 21	1 46	0 20	1 27	19 0	0 38	14 30	1 23	12 8	2 40	22 19	0 25	20 2	0 31	17 12	6 13	23 20	23 21	16 19	5 53	5 56
M31	4n17	18 s46	2n29	0n30	1 s41	0n10	1 s26	19n11	0n38	14 s28	1n24	12 s 7	2n40	22 s19	0 s25	20 s 2	0n31	17n13	6s12	23 s20	23 s21	16s17	5 s 5 1	5n56

Julian Day Number = 2510043.5, Delta T = 128.91 sec Ecliptic obliquity = 23°25'06, Nutation = 0°00'18, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^\circ58'42$, Lahiri = $26^\circ05'42$

APRIL 2160 00:00 UT

Day	Sid.t	0	D	Ϋ́	φ	♂	4	ħ)Å(¥	Р	ß	Ω	Ç	ę,	Day
T 1	12 39 39	11 Y 48'49	6≈15	7 Υ 7	5 Υ 0	23 8 54	13°R 8	9°R27	20중 8	28ට 2	0930	25°R 3	25 × 742	3≈37	0) €13	T 1
W 2	12 43 36	12°48'06	18° 7	9° 5	6°14	24°35	13M 2	9M23	20° 9	28° 3	0°30	24 × 758	25°39	3°43	0°16	W 2
T 3	12 47 32	13°47'21	0 ∀ 8	11° 5	7°29	25°16	12°57	9°20	20°10	28° 4	0°31	24°50	25°35	3°50	0°20	T 3
F 4	12 51 29	14°46'35	12°19	13° 6	8°43	25°58	12°51	9°16	20°11	28° 5	0°31	24°40	25°32	3°57	0°23	F 4
S 5	12 55 25	15°45'46	24°45	15° 8	9°58	26°39	12°45	9°12	20°12	28° 6	0°31	24°29	25°29	4° 3	0°26	S 5
S 6	12 59 22	16°44'56	7 Υ 25	17°11	11°12	27°20	12°39	9° 8	20°13	28° 6	0°32	24°16	25°26	4°10	0°30	S 6
M 7	13 3 18	17°44'04	20°19	19°14	12°27	28° 1	12°32	9° 4	20°14	28° 7	0°33	24° 5	25°23	4°17	0°33	M 7
T 8	13 7 15	18°43'09	3 8 27	21°18	13°41	28°42	12°26	9° 0	20°15	28° 8	0°33	23°54	25°20	4°23	0°36	T 8
W 9	13 11 12	19°42'13	16°48	23°23	14°56	29°23	12°19	8°55	20°15	28° 9	0°34	23°47	25°16	4°30	0°39	W 9
T 10	13 15 8	20°41'14	0 耳 19	25°28	16°10	0 I I 4	12°13	8°51	20°16	28° 9	0°34	23°42	25°13	4°37	0°43	T 10
F 11	13 19 5	21°40'14	14° 0	27°33	17°24	0°45	12° 6	8°47	20°17	28°10	0°35	23°40	25°10	4°43	0°46	F 11
S 12	13 23 1	22°39'11	27°49	29°38	18°39	1°26	11°59	8°43	20°18	28°11	0°35	23°D39	25° 7	4°50	0°49	S 12
S 13	13 26 58	23°38'06	119546	1842	19°53	2° 7	11°53	8°38	20°18	28°11	0°36	23°40	25° 4	4°57	0°52	S 13
M14	13 30 54	24°36'58	25°50	3°46	21° 7	2°48	11°46	8°34	20°19	28°12	0°37	23°R40	25° 1	5° 3	0°55	M14
T 15	13 34 51	25°35'48	10 0 0	5°48	22°22	3°29	11°39	8°30	20°19	28°12	0°37	23°39	24°57	5°10	0°58	T 15
W16	13 38 47	26°34'36	24°16	7°49	23°36	4°10	11°31	8°25	20°20	28°13	0°38	23°36	24°54	5°17	1° 1	W16
T 17	13 42 44	27°33'22	8 m /34	9°48	24°50	4°50	11°24	8°21	20°20	28°13	0°39	23°31	24°51	5°24	1° 3	T 17
F 18	13 46 41	28°32'05	22°50	11°45	26° 5	5°31	11°17	8°16	20°20	28°13	0°40	23°24	24°48	5°30	1° 6	F 18
S 19	13 50 37	29°30'46	7 ♀ 0	13°39	27°19	6°12	11°10	8°12	20°21	28°14	0°40	23°15	24°45	5°37	1° 9	S 19
S 20	13 54 34	0 8 29'25	20°59	15°31	28°33	6°52	11° 2	8° 7	20°21	28°14	0°41	23° 7	24°41	5°44	1°12	S 20
M21	13 58 30	1°28'02	4 M .42	17°19	29°47	7°33	10°55	8° 3	20°21	28°14	0°42	22°59	24°38	5°50	1°14	M21
T 22	14 2 27	2°26'37	18° 7	19° 4	18 1	8°14	10°47	7°58	20°21	28°15	0°43	22°52	24°35	5°57	1°17	T 22
W23	14 6 23	3°25'11	1711	20°45	2°16	8°54	10°40	7°54	20°21	28°15	0°44	22°48	24°32	6° 4	1°19	W23
T 24	14 10 20	4°23'43	13°54	22°22	3°30	9°35	10°32	7°49	20°R21	28°15	0°45	22°45	24°29	6°10	1°22	T 24
F 25	14 14 16	5°22'13	26°19	23°55	4°44	10°15	10°25	7°45	20°21	28°15	0°45	22°D45	24°26	6°17	1°24	F 25
S 26	14 18 13	6°20'41	8 중 28	25°24	5°58	10°56	10°17	7°40	20°21	28°15	0°46	22°46	24°22	6°24	1°27	S 26
S 27	14 22 10	7°19'08	20°27	26°49	7°12	11°36	10° 9	7°36	20°21	28°16	0°47	22°47	24°19	6°30	1°29	S 27
M28	14 26 6	8°17'33	2≈18	28° 9	8°26	12°16	10° 2	7°31	20°21	28°16	0°48	22°49	24°16	6°37	1°31	M28
T 29	14 30 3	9°15'56	14° 9	29°25	9°40	12°57	9°54	7°27	20°21	28°16	0°49	22°R49	24°13	6°44	1°34	T 29
W30	14 33 59	10814'18	26≈ 4	0 Ⅲ 35	10855	13 Ⅱ 37	9 M .47	7 ™ 22	20 궁 20	28°R16	0950	22 ×7 47	24 × 10	6≈50	1) 36	W30

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T 1	4n40	15 s28	3n20	1n22	1 s35	0n40	1 s26	19n21	0n39	14 s 26	1n24	12s 6	2n40	22 s19	0 s25	20s 2	0n31	17n13	6s12	23 s20	23 s21	16s15	5 s 5 0	5n56
W 2	5 3	11 32	4 3	2 15	1 28	1 10	1 26	19 32	0 39	14 24	1 24	12 4	2 41	22 19	0 25	20 1	0 31	17 13	6 12	23 19	23 21	16 13	5 48	5 56
T 3	5 26	7 8	4 35	3 9	1 21	1 40	1 25	19 43	0 40	14 23	1 24	12 3	2 41	22 19	0 25	20 1	0 31	17 13	6 12	23 19	23 21	16 10	5 47	5 56
F 4	5 49	2 23	4 55	4 3	1 13	2 10	1 24	19 53	0 40	14 21	1 24	12 2	2 41	22 19	0 25	20 1	0 31	17 13	6 12	23 19	23 21	16 8	5 46	5 57
S 5	6 12	2n32	5 2	4 57	1 5	2 39	1 24	20 3	0 41	14 19	1 24	12 0	2 41	22 19	0 25	20 1	0 31	17 14	6 11	23 18	23 20	16 6	5 44	5 57
S 6	6 35	7 26	4 54	5 53	0 56	3 9	1 23	20 13	0 41	14 17	1 24	11 59	2 41	22 19	0 25	20 1	0 31	17 14	6 11	23 18	23 20	16 4	5 43	5 57
M 7	6 57	12 7	4 31	6 48	0 47	3 39	1 22		0 42	14 15	1 24	11 57	2 41	22 18	0 25	20 1	0 31	17 14			23 20		5 42	5 57
T 8	7 20	16 19	3 54	7 43	0 37	4 8	1 22	20 33	0 42	14 13	1 24	11 56	2 41	22 18	0 25	20 0	0 31	17 14	6 11	23 17	23 20	15 59	5 40	5 57
W 9	7 42	19 46	3 3	8 39	0 28	4 38	1 21	-	0 43	14 11	1 24	11 55	2 41	-	-	20 0	0 31	17 14			23 20		5 39	5 58
T 10	-		2 1	9 34	0 17	5 7				14 9				22 18							23 20		5 38	5 58
F 11	8 26			10 29	0 7	5 37	1 19			14 7		11 52		22 18				17 15			23 20		5 36	5 58
S 12	8 48	23 2	0 s22	11 24	0n 4	6 6	1 18	21 9	0 44	14 5	1 25	11 50	2 41	22 18	0 25	20 0	0 31	17 15	6 10	23 16	23 20	15 50	5 35	5 58
S 13	9 10	21 19	1 35	12 18	0 15	6 35	1 17	21 18	0 45	14 3	1 25	11 49	2 42	22 18	0 25	20 0	0 31	17 15	6 10	23 16	23 20	15 48	5 34	5 59
M14	9 32	18 17	2 43	13 10	0 26	7 4	1 16	21 26	0 45	14 0	1 25	11 48	2 42	22 18	0 25	20 0	0 31	17 15	6 10	23 16	23 19	15 46	5 32	5 59
T 15	9 53	14 10	3 42	14 2	0 37	7 33	1 14	21 35	0 46	13 58	1 25	11 46	2 42	22 18	0 25	20 0	0 31	17 15	6 10	23 16	23 19	15 44	5 31	5 59
W16	10 15	9 13	4 27	14 52	0 48	8 1	1 13	21 43	0 46	13 56	1 25	11 45	2 42	22 18	0 25	19 59	0 31	17 15	6 10	23 16	23 19	15 41	5 30	5 59
T 17	10 36	3 47	4 55	15 41	0 59	8 30		21 51	0 47	13 54	1 25	11 43	2 42	22 18	0 25	19 59	0 31	17 16	6 9	23 16	23 19	15 39	5 29	6 0
F 18	10 57	1 s50	5 5	16 28	1 10	8 58	1 11	21 59	0 47	13 52	1 25	11 42	2 42	22 18	0 25	19 59	0 31	17 16	6 9	23 15	23 19	15 37	5 27	6 0
S 19	11 17	7 19	4 57	17 13	1 21	9 26	1 9	22 6	0 47	13 49	1 25	11 40	2 42	22 18	0 25	19 59	0 31	17 16	6 9	23 15	23 19	15 35	5 26	6 0
S 20	11 38	12 22	4 31	17 55	1 31	9 54	1 8	22 14	0 48	13 47	1 25	11 39	2 42	22 18	0 25	19 59	0 31	17 16	6 9	23 14	23 19	15 32	5 25	6 0
M21	11 58	16 40	3 49	18 36	1 41	10 21	1 6	22 21	0 48	13 45	1 25	11 37	2 42	22 18	0 25	19 59	0 31	17 16	6 9	23 14	23 19	15 30	5 24	6 1
T 22	12 19	20 1	2 55	19 14	1 50	10 49	1 5	22 28	0 49	13 42	1 25	11 36	2 42	22 18	0 25	19 59	0 31	17 16	6 8	23 14	23 18	15 28	5 23	6 1
W23	12 39	22 14	1 54	19 50	1 59	11 16	1 3	22 34	0 49	13 40	1 25	11 35	2 42	22 18	0 25	19 59	0 31	17 17	6 8	23 13	23 18	15 26	5 22	6 1
T 24	12 58	23 14	0 48	20 23	2 7	11 43	1 1		0 50	13 38	1 25			22 18		19 59	0 31	17 17				15 23	5 20	6 2
F 25	13 18	23 3	0n19	20 54	2 14	12 9	1 0	,	0 50	13 35	1 25			22 18		19 59	0 31	17 17			23 18		5 19	6 2
S 26	13 37	21 45	1 24	21 22	2 20	12 35	0 58	22 54	0 50	13 33	1 25	11 30	2 42	22 18	0 26	19 59	0 31	17 17	6 8	23 13	23 18	15 19	5 18	6 2
S 27	13 57			21 48	2 26		0 56		0 51	13 31		11 29		22 18		19 59	0 31	17 17				15 17	5 17	6 2
M28	-		-	22 11	2 31		0 54							22 18		19 59	0 31					15 14	5 16	6 3
T 29				22 32				23 11		13 26		11 26		22 18		19 59	0 31	17 18				15 12	5 15	6 3
W30	14n53	8 s28	4n37	22n50	2n38	14n17	0s50	23n16	0n52	13 s24	1n24	11 s24	2n42	22 s18	0 s 2 6	19s59	0n31	17n18	6s 7	23 s13	23 s17	15s10	5 s 1 4	6n 3

Julian Day Number = 2510074.5, Delta T = 128.97 sec Ecliptic obliquity = $23^{\circ}25'06$, Nutation = $0^{\circ}00'17$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^{\circ}58'46$, Lahiri = $26^{\circ}05'47$

MAY 2160 00:00 UT

Day	Sid.t	0	D	ğ	Q	ď	4	ħ)Å(¥	Р	ß	Ω	Ç	ę,	Day
T 1	14 37 56	11812'38	8) 7	1 Ⅱ 41	128 9	14 Ⅱ 17	9°R39	7°R18	20°R20	28°R16	0951	22°R44	24 ₹ 6	6≈57	1) 38	T 1
F 2	14 41 52	12°10'57	20°22	2°42	13°23	14°58	9 M .31	7 m 13	20중20	28 궁 16	0°52	22 × 39	24° 3	7° 4	1°40	F 2
S 3	14 45 49	13° 9'14	2 Υ 54	3°38	14°37	15°38	9°24	7° 8	20°19	28°16	0°53	22°33	24° 0	7°10	1°42	S 3
S 4	14 49 45	14° 7'29	15°44	4°29	15°51	16°18	9°16	7° 4	20°19	28°15	0°54	22°26	23°57	7°17	1°44	S 4
M 5	14 53 42	15° 5'43	28°54	5°15	17° 5	16°58	9° 8	6°59	20°18	28°15	0°55	22°20	23°54	7°24	1°46	M 5
T 6	14 57 38	16° 3'56	12821	5°56	18°19	17°38	9° 1	6°55	20°18	28°15	0°56	22°15	23°51	7°30	1°48	T 6
W 7	15 1 35	17° 2'06	26° 4	6°31	19°33	18°18	8°53	6°50	20°17	28°15	0°57	22°11	23°47	7°37	1°50	W 7
T 8	15 5 32	18° 0'15	10耳 1	7° 1	20°47	18°58	8°46	6°46	20°16	28°15	0°58	22° 8	23°44	7°44	1°51	T 8
F 9	15 9 28	18°58'23	24° 7	7°26	22° 1	19°39	8°38	6°42	20°16	28°14	0°59	22°D 8	23°41	7°50	1°53	F 9
S 10	15 13 25	19°56'28	8920	7°46	23°15	20°19	8°31	6°37	20°15	28°14	1° 1	22° 9	23°38	7°57	1°55	S 10
S 11	15 17 21	20°54'32	22°35	8° 1	24°29	20°59	8°23	6°33	20°14	28°14	1° 2	22°10	23°35	8° 4	1°56	S 11
M12	15 21 18	21°52'33	$6\Omega 50$	8°10	25°43	21°38	8°16	6°29	20°13	28°13	1° 3	22°11	23°32	8°11	1°58	M12
T 13	15 25 14	22°50'33	21° 2	8°R14	26°57	22°18	8° 9	6°24	20°12	28°13	1° 4	22°R12	23°28	8°17	1°59	T 13
W14	15 29 11	23°48'31	5 m p 1 1	8°13	28°11	22°58	8° 2	6°20	20°11	28°12	1° 5	22°12	23°25	8°24	2° 0	W14
T 15	15 33 7	24°46'26	19°13	8° 7	29°25	23°38	7°55	6°16	20°10	28°12	1° 6	22°10	23°22	8°31	2° 2	T 15
F 16	15 37 4	25°44'20	3 ₾ 6	7°57	0Д38	24°18	7°48	6°12	20° 9	28°11	1° 8	22° 7	23°19	8°37	2° 3	F 16
S 17	15 41 1	26°42'13	16°50	7°42	1°52	24°58	7°41	6° 7	20° 8	28°11	1° 9	22° 4	23°16	8°44	2° 4	S 17
S 18	15 44 57	27°40'03	0 M 21	7°23	3° 6	25°38	7°34	6° 3	20° 7	28°10	1°10	22° 0	23°12	8°51	2° 5	S 18
M19	15 48 54	28°37'52	13°39	7° 1	4°20	26°17	7°27	5°59	20° 6	28°10	1°11	21°56	23° 9	8°57	2° 7	M19
T 20	15 52 50	29°35'40	26°41	6°35	5°34	26°57	7°20	5°55	20° 5	28° 9	1°12	21°54	23° 6	9° 4	2° 8	T 20
W21	15 56 47	0∏33'26	9 ₹ 29	6° 7	6°48	27°37	7°14	5°51	20° 3	28° 8	1°14	21°52	23° 3	9°11	2° 8	W21
T 22	16 0 43	1°31'11	22° 0	5°36	8° 1	28°16	7° 7	5°48	20° 2	28° 8	1°15	21°D52	23° 0	9°17	2° 9	T 22
F 23	16 4 40	2°28'55	4 궁 18	5° 3	9°15	28°56	7° 1	5°44	20° 1	28° 7	1°16	21°52	22°57	9°24	2°10	F 23
S 24	16 8 37	3°26'37	16°24	4°29	10°29	29°35	6°55	5°40	19°59	28° 6	1°18	21°53	22°53	9°31	2°11	S 24
S 25	16 12 33	4°24'18	28°22	3°55	11°43	0ණ15	6°49	5°36	19°58	28° 6	1°19	21°55	22°50	9°37	2°12	S 25
M26	16 16 30	5°21'59	10≈14	3°20	12°56	0°55	6°43	5°33	19°57	28° 5	1°20	21°56	22°47	9°44	2°12	M26
T 27	16 20 26	6°19'38	22° 5	2°47	14°10	1°34	6°37	5°29	19°55	28° 4	1°21	21°57	22°44	9°51	2°13	T 27
W28	16 24 23	7°17'16	4 光 0	2°14	15°24	2°14	6°31	5°25	19°54	28° 3	1°23	21°R58	22°41	9°58	2°14	W28
T 29	16 28 19	8°14'53	16° 3	1°43	16°38	2°53	6°25	5°22	19°52	28° 2	1°24	21°58	22°38	10° 4	2°14	T 29
F 30	16 32 16	9°12'29	28°20	<u>1</u> °15	1 <u>7</u> °51	3°32	6°20	5°19	1 <u>9</u> °50	28° 1	1°25	21°57	22°34	10°11	2°14	F 30
S 31	16 36 12	10 Ⅱ 10′04	10 Y 53	0 Ⅱ 49	19 I 5	49912	6 M .14	5 M .15	19 る 49	28 궁 0	19527	21 × 756	22 × 31	10≈18	2) 15	S 31

Day	0	D	ğ	Q	♂	4	ħ)Å(¥	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 dec	decl	decl lat
T 1 F 2 S 3	15n11 15 29 15 46	0n56 5 10	23n 6 2n4 23 19 2 4 23 30 2 4	1 15 6 0 47 2	23 27 0 53	13 19 1 24	11 22 2 42	22 18 0 26	19 s 59 0 n 31 19 59 0 31 19 59 0 31	17 18 6 7	23 s13 23 s1 23 13 23 1 23 13 23 1	7 15 5	5 12 6 4
S 4 M 5 T 6 W 7 T 8 F 9	16 38 16 54 17 11	14 57 4 10 18 42 3 20 21 29 2 17 23 1 1 6		8 16 17 0 40 2 5 16 39 0 38 2 0 17 1 0 36 2 5 17 23 0 34 2	23 40 0 54 23 44 0 54 23 48 0 54 23 52 0 55	13 12 1 24 13 10 1 24 13 7 1 24 13 5 1 24	11 17 2 42 11 16 2 42 11 15 2 41 11 13 2 41	22 19 0 26 22 19 0 26 22 19 0 26 22 19 0 26	19 59 0 31 19 59 0 31 19 59 0 31 19 59 0 31	17 18 6 6 17 19 6 6 17 19 6 6 17 19 6 6	23 12 23 1 23 12 23 1 23 11 23 1 23 11 23 1 23 11 23 1 23 11 23 1	7 14 58 7 14 56 6 14 54 6 14 52	5 9 6 5 5 8 6 5 5 7 6 6 5 6 6 6
S 10 S 11	17 27 17 43 17 58	21 42 1 27	23 44 2 1	8 17 45 0 32 2 0 18 6 0 30 2 1 18 26 0 27 2	23 59 0 55		11 10 2 41	22 19 0 26	19 59 0 31 19 59 0 31 19 59 0 31	17 19 6 6	23 11 23 1 23 11 23 1 23 11 23 1	5 14 47	5 4 6 7
M12 T 13 W14 T 15 F 16 S 17	18 13 18 28 18 42 18 57 19 11 19 24	10 14 4 28 4 57 5 0 0 s 32 5 13 5 56 5 8	23 19 1 4 23 7 1 2 22 53 1 1 22 37 1	0 19 5 0 23 2 8 19 24 0 20 2	24 10 0 57 24 13 0 57 24 15 0 57	12 54 1 23 12 52 1 23	11 6 2 41 11 5 2 41 11 4 2 41 11 3 2 41	22 20 0 26 22 20 0 26 22 20 0 26	19 59 0 31 19 59 0 31 19 59 0 31 20 0 0 31	17 20 6 5 17 20 6 5 17 20 6 5 17 20 6 5	23 11 23 1 23 11 23 1	5 14 40 5 14 38 5 14 35 5 14 33	5 2 6 8 5 1 6 8 5 0 6 8
S 18 M19 T 20 W21 T 22 F 23 S 24	19 50	21 34 2 14 22 58 1 8 23 10 0n 1 22 13 1 8	21 41 0 1 21 20 0s 20 58 0 2 20 36 0 3 20 13 0 5	3 21 7 0 6 2 0 21 22 0 4 2 8 21 36 0 1 2 6 21 50 0n 1 2	24 20 0 58 24 21 0 58 24 22 0 59 24 23 0 59 24 24 0 59	12 43 1 23 12 41 1 22 12 39 1 22 12 37 1 22 12 35 1 22 12 33 1 22 12 32 1 21	10 59 2 40 10 58 2 40 10 57 2 40 10 56 2 40 10 54 2 40	22 21 0 26 22 22 0 26 22 22 0 26	20 0 0 31 20 0 0 31	17 20 6 5 17 20 6 4 17 20 6 4 17 21 6 4 17 21 6 4	23 10 23 1	1 14 26 1 14 24 1 14 22 1 14 19 1 14 17	4 57 6 10 4 57 6 10 4 56 6 10 4 55 6 11 4 55 6 11
M26 T 27 W28 T 29 F 30	21 0 21 11 21 21 21 30 21 40 21 49 21n57	13 52 3 56 9 48 4 35 5 21 5 1 0 39 5 15 4n 9 5 14	18 40 2 18 19 2 1 17 58 2 3 17 39 2 4	7 22 28 0 8 2	24 25 1 0 24 25 1 0 24 24 1 0 24 24 1 1 24 23 1 1	12 21 1 20	10 51 2 39 10 50 2 39 10 49 2 39 10 48 2 39 10 47 2 39	22 22 0 26 22 22 0 26 22 23 0 26	20 1 0 31 20 1 0 31 20 1 0 31 20 1 0 31	17 21 6 4 17 21 6 4 17 21 6 4 17 21 6 3 17 21 6 3	23 10 23 1	3 14 10 3 14 8 3 14 5 3 14 3 3 14 1	4 53 6 12 4 53 6 12 4 52 6 13 4 51 6 13 4 51 6 13

Julian Day Number = 2510104.5, Delta T = 129.03 sec Ecliptic obliquity = 23°25'06, Nutation = 0°00'16, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 26°58'50, Lahiri = 26°05'51

JUNE 2160 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ)∤(朴	Р	ß	Ω	ţ	, k	Day
S 1	16 40 9	11 II 7'39	23 Y 46	0°R26	20 I I9	4951	6°R 9	5°R12	19°R47	27°R59	19528	21°R55	22 × 28	10≈24	2) 15	S 1
M 2	16 44 5	12° 5'12	7 と 2	0 Π 7	21°33	5°31	6M 4	5 M 9	19 る 45	27 る 58	1°30	21 × 753	22°25	10°31	2°15	M 2
T 3	16 48 2	13° 2'45	20°40	29 8 52	22°46	6°10	5°59	5° 6	19°44	27°57	1°31	21°52	22°22	10°38	2°15	T 3
W 4	16 51 59	14° 0'16	4 Ⅱ 41	29°40	24° 0	6°49	5°54	5° 3	19°42	27°56	1°32	21°51	22°18	10°44	2°16	W 4
T 5	16 55 55	14°57'47	18°59	29°33	25°14	7°29	5°50	5° 0	19°40	27°55	1°34	21°D51	22°15	10°51	2°R16	T 5
F 6	16 59 52	15°55'17	3931	29°D30	26°27	8° 8	5°45	4°57	19°38	27°54	1°35	21°51	22°12	10°58	2°16	F 6
S 7	17 3 48	16°52'46	18°10	29°32	27°41	8°47	5°41	4°54	19°36	27°53	1°36	21°52	22° 9	11° 4	2°15	S 7
S 8	17 7 45	17°50'14	2 \O 50	29°38	28°54	9°26	5°37	4°51	19°34	27°52	1°38	21°52	22° 6	11°11	2°15	S 8
M 9	17 11 41	18°47'40	17°25	29°48	099 8	10° 5	5°33	4°49	19°32	27°51	1°39	21°52	22° 3	11°18	2°15	M 9
T 10	17 15 38	19°45'05	1 m 50	0 Ⅱ 3	1°22	10°45	5°29	4°46	19°30	27°50	1°41	21°53	21°59	11°24	2°15	T 10
W11	17 19 35	20°42'29	16° 2	0°23	2°35	11°24	5°25	4°44	19°28	27°49	1°42	21°R53	21°56	11°31	2°15	W11
T 12	17 23 31	21°39'52	29°59	0°46	3°49	12° 3	5°22	4°41	19°26	27°47	1°44	21°D53	21°53	11°38	2°14	T 12
F 13	17 27 28	22°37'14	13 ≏ 40	1°15	5° 2	12°42	5°19	4°39	19°24	27°46	1°45	21°53	21°50	11°45	2°14	F 13
S 14	17 31 24	23°34'35	27° 5	1°47	6°16	13°21	5°15	4°37	19°22	27°45	1°46	21°53	21°47	11°51	2°13	S 14
S 15	17 35 21	24°31'55	10 M .14	2°24	7°30	14° 0	5°12	4°34	19°20	27°44	1°48	21°53	21°44	11°58	2°13	S 15
M16	17 39 17	25°29'14	23° 8	3° 5	8°43	14°39	5°10	4°32	19°18	27°42	1°49	21°53	21°40	12° 5	2°12	M16
T 17	17 43 14	26°26'32	5 ₹ 49	3°50	9°57	15°18	5° 7	4°30	19°16	27°41	1°51	21°54	21°37	12°11	2°11	T 17
W18	17 47 10	27°23'49	18°17	4°38	11°10	15°57	5° 4	4°29	19°14	27°40	1°52	21°R54	21°34	12°18	2°10	W18
T 19	17 51 7	28°21'06	0 ට 35	5°31	12°24	16°36	5° 2	4°27	19°11	27°38	1°54	21°54	21°31	12°25	2°10	T 19
F 20	17 55 4	29°18'22	12°43	6°28	13°37	17°15	5° 0	4°25	19° 9	27°37	1°55	21°53	21°28	12°31	2° 9	F 20
S 21	17 59 0	09515'38	24°43	7°28	14°51	17°54	4°58	4°24	19° 7	27°36	1°56	21°52	21°24	12°38	2° 8	S 21
S 22	18 2 57	1°12'54	6≈37	8°32	16° 4	18°33	4°56	4°22	19° 5	27°34	1°58	21°51	21°21	12°45	2° 7	S 22
M23	18 6 53	2°10'09	18°28	9°40	17°17	19°12	4°55	4°21	19° 3	27°33	1°59	21°50	21°18	12°51	2° 6	M23
T 24	18 10 50	3° 7'23	0 ∺ 20	10°52	18°31	19°51	4°53	4°19	19° 0	27°31	2° 1	21°49	21°15	12°58	2° 5	T 24
W25	18 14 46	4° 4'38	12°14	12° 7	19°44	20°29	4°52	4°18	18°58	27°30	2° 2	21°47	21°12	13° 5	2° 4	W25
T 26	18 18 43	5° 1'52	24°17	13°25	20°58	21° 8	4°51	4°17	18°56	27°28	2° 4	21°46	21° 9	13°12	2° 2	T 26
F 27	18 22 39	5°59'06	6 Ƴ 31	14°47	22°11	21°47	4°50	4°16	18°53	27°27	2° 5	21°D46	21° 5	13°18	2° 1	F 27
S 28	18 26 36	6°56'20	19° 2	16°12	23°25	22°26	4°49	4°15	18°51	27°25	2° 7	21°46	21° 2	13°25	2° 0	S 28
S 29	18 30 33	7°53'34	1853	17°41	24°38	23° 5	4°49	4°14	1 <u>8</u> °49	2 <u>7</u> °24	2° 8	21°47	20°59	13°32	1°58	S 29
M30	18 34 29	8950'49	15 8 7	19 Ⅱ 13	25951	239543	4 M .49	4 M .13	18 궁 46	27 る 22	2 9 5 9	21 × 749	20 х 56	13 ≈ 38	1) (57	M30

Day	0	J)	ζ	5	ç)	С	7		4	ŧ	i)	ł(j	Ţ	Р		ß	U	Ç	ķ	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	dec	l lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n 5	13n23	4n29	17n 5	3 s 1 3	23n26	0n23	24n21	1n 1	12s1	8 1n20	10s45	2n38	22 s24	0s26	20s 2	0n31	17n21	6s 3	23 s10	23 s12	13 s56	4s50	6n14
M 2	22 13	17 22	3 44	16 51	3 23	23 34	0 25	24 20	1 2	12 1	7 1 20	10 45	2 38	22 24	0 26	20 2	0 31	17 22	6 3	23 10	23 12	13 54	4 50	6 14
T 3	22 21	20 33	2 44	16 38	3 33	23 41	0 27	24 18	1 2	12 1	5 1 19	10 44	2 38	22 24	0 27	20 2	0 31	17 22	6 3	23 10	23 12	13 51	4 49	6 15
W 4	22 28	22 35	1 34	16 28	3 41	23 47	0 30	24 17	1 2	12 1	4 1 19	10 43	2 38	22 25	0 27	20 2	0 31	17 22	6 3	23 10	23 12	13 49	4 49	6 15
T 5	22 34	23 14	0 16	16 20	3 48	23 52	0 32	24 15	1 2	12 1	3 1 19	10 42	2 37	22 25	0 27	20 3	0 31	17 22	6 3	23 10	23 12	13 46	4 49	6 15
F 6	22 40	22 18		16 13	3 54		0 34	-	1 3					22 25			0 32				23 11		4 48	6 16
S 7	22 46	19 52	2 21	16 9	3 58	24 0	0 37	24 10	1 3	12 1	0 1 19	10 41	2 37	22 26	0 27	20 3	0 32	17 22	6 3	23 10	23 11	13 42	4 48	6 16
S 8	22 52	16 8	3 28	16 7	4 2	24 4	0 39	24 8	1 3	12	9 1 18	10 40	2 37	22 26	0 27	20 3	0 32	17 22	6 2	23 10	23 11	13 39	4 48	6 16
M 9	22 57	11 26	4 22	16 7	4 4	24 6	0 41	24 5	1 3	12	8 1 18	10 39	2 37	22 26	0 27	20 4	0 32	17 22	6 2	23 10	23 11	13 37	4 48	6 17
T 10	23 1	6 10	4 58	16 9	4 5	24 8	0 43	24 2	1 3	12	7 1 18	10 39	2 36	22 26	0 27	20 4	0 32	17 22	6 2	23 10	23 11	13 35	4 47	6 17
W11	23 6	0 39	5 16	16 13	4 5	24 9	0 45	23 59	1 4	12	6 1 18	10 38	2 36	22 27	0 27	20 4	0 32	17 22	6 2	23 10	23 10	13 32	4 47	6 17
T 12	23 9	4 s48	5 14	16 19	4 4	24 9	0 48	23 56	1 4	12	5 1 17	10 37	2 36	22 27	0 27	20 4	0 32	17 22	6 2	23 10	23 10	13 30	4 47	6 18
F 13	23 13	9 55	4 55	16 26	4 2	24 9	0 50	23 52	1 4	12	4 1 17	10 37	2 36	22 27	0 27	20 4	0 32	17 22	6 2	23 10	23 10	13 28	4 47	6 18
S 14	23 16	14 27	4 20	16 35	4 0	24 8	0 52	23 49	1 4	12	3 1 17	10 36	2 35	22 28	0 27	20 5	0 32	17 22	6 2	23 10	23 10	13 25	4 47	6 18
S 15	23 18	18 13	3 31	16 46	3 56	24 6	0 54	23 45	1 4	12	3 1 17	10 36	2 35	22 28	0 27	20 5	0 32	17 22	6 2	23 10	23 10	13 23	4 47	6 19
M16	23 20	21 0	2 33	16 58	3 51	24 4	0 56	23 41	1 4	12	2 1 16	10 35	2 35	22 28	0 27	20 5	0 32	17 22	6 2	23 10	23 9	13 21	4 46	6 19
T 17	23 22	22 42	1 28	17 12	3 46	24 0	0 58	23 37	1 5	12	1 1 16	10 35	2 35	22 29	0 27	20 5	0 32	17 22	6 2	23 10	23 9	13 18	4 46	6 19
	23 24	23 14	0 20	17 27	3 40	23 56	1 0		1 5	12	1 1 16	10 35		22 29		20 6	0 32	17 23	6 2	23 10	23 9	13 16	4 46	6 20
	23 24	22 37		17 43	3 33		1 2					10 34		22 29		20 6	0 31	17 23		23 10			4 46	6 20
	23 25	20 56	1 53	18 0	3 26	23 47	1 4	-		12	0 1 15	10 34	2 34	22 30	0 27	20 6	0 31	17 23	6 2	23 10	23 9	13 11	4 46	6 20
S 21	23 25	18 21	2 52	18 17	3 17	23 41	1 5	23 18	1 5	11 5	9 1 15	10 34	2 34	22 30	0 27	20 7	0 31	17 23	6 2	23 10	23 8	13 9	4 46	6 21
S 22	23 25	15 0	3 43	18 36	3 9	23 34	1 7	23 13	1 5	11 5	9 1 15	10 33	2 34	22 30	0 27	20 7	0 31	17 23	6 2	23 10	23 8	13 6	4 46	6 21
M23	23 24	11 5	4 24	18 55	3 0	23 26	1 9	23 8	1 6	11 5	9 1 15	10 33	2 33	22 31	0 27	20 7	0 31	17 23	6 2	23 10	23 8	13 4	4 47	6 21
T 24	23 23	6 45	4 54	19 15	2 50	23 18	1 11	23 2	1 6	11 5	8 1 14	10 33	2 33	22 31	0 27	20 7	0 31	17 23	6 1	23 10	23 8	13 2	4 47	6 22
W25	23 21	2 9	5 12	19 35	2 40	23 10	1 12	22 56	1 6	11 5	8 1 14	10 33	2 33	22 31	0 27	20 8	0 31	17 23	6 1	23 10	23 8	12 59	4 47	6 22
T 26	23 19	2n34	5 16	19 55	2 29	23 0	1 14	22 51	1 6	11 5	8 1 14	10 33	2 32	22 32	0 27	20 8	0 31	17 23	6 1	23 10	23 7	12 57	4 47	6 22
F 27	23 17	7 16	5 6	20 16	2 18	22 50	1 15	22 45	1 6	11 5	8 1 13	10 32	2 32	22 32	0 27	20 8	0 31	17 23	6 1	23 10	23 7	12 54	4 47	6 23
S 28	23 14	11 47	4 41	20 36	2 7	22 39	1 17	22 39	1 6	11 5	8 1 13	10 32	2 32	22 32	0 27	20 9	0 31	17 23	6 1	23 10	23 7	12 52	4 47	6 23
S 29	23 11	15 54	4 2	20 56	1 55	22 28	1 18	22 32	1 6	11 5	8 1 13	10 32	2 32	22 33	0 27	20 9	0 31	17 23	6 1	23 10	23 7	12 50	4 47	6 23
M30	23n 7	19n22	3n 9	21n15	1 s44	22n16	1n20	22n26	1n 6	11 s5	8 1n13	10 s32	2n31	22 s33	0 s27	20s 9	0n31	17n23	6s 1	23 s10	23 s 6	12 s47	4 s 4 8	6n23

Julian Day Number = 2510135.5, Delta T = 129.09 sec Ecliptic obliquity = $23^{\circ}25'05$, Nutation = $0^{\circ}00'16$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^{\circ}58'55$, Lahiri = $26^{\circ}05'55$

JULY 2160 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ)∤(¥	Р	n	v	Ç	ķ	Day
T 1	18 38 26	99548'03	28 8 47	20∏49	2799 5	249522	4°D48	4°R13	18°R44	27°R21	29911	21 × 750	20 х 53	13≈45	1°R55	T 1
W 2	18 42 22	10°45'17	12 Ⅱ 53	22°27	28°18	25° 1	4ML49	4 M .12	18 ට 41	27 る 19	2°12	21°51	20°50	13°52	1) (54	W 2
T 3	18 46 19	11°42'31	27°22	24° 9	29°32	25°39	4°49	4°12	18°39	27°18	2°14	21°R51	20°46	13°58	1°52	T 3
F 4	18 50 15	12°39'46	129511	25°54	0 Ω 45	26°18	4°49	4°11	18°37	27°16	2°15	21°50	20°43	14° 5	1°51	F 4
S 5	18 54 12	13°37'00	27°11	27°42	1°58	26°57	4°50	4°11	18°34	27°15	2°17	21°48	20°40	14°12	1°49	S 5
S 6	18 58 8	14°34'14	12 Ω 14	29°33	3°12	27°36	4°50	4°11	18°32	27°13	2°18	21°45	20°37	14°19	1°47	S 6
M 7	19 2 5	15°31'28	27°12	19527	4°25	28°14	4°51	4°D11	18°29	27°12	2°19	21°42	20°34	14°25	1°45	M 7
T 8	19 6 2	16°28'41	11 m 56	3°23	5°38	28°53	4°52	4°11	18°27	27°10	2°21	21°39	20°30	14°32	1°43	T 8
W 9	19 9 58	17°25'54	26°20	5°22	6°51	29°31	4°54	4°11	18°25	27° 8	2°22	21°37	20°27	14°39	1°42	W 9
T 10	19 13 55	18°23'07	10 ≏ 21	7°23	8° 5	0Ω10	4°55	4°11	18°22	27° 7	2°24	21°36	20°24	14°45	1°40	T 10
F 11	19 17 51	19°20'20	23°59	9°26	9°18	0°49	4°57	4°12	18°20	27° 5	2°25	21°D36	20°21	14°52	1°38	F 11
S 12	19 21 48	20°17'32	7 M .15	11°31	10°31	1°27	4°59	4°12	18°17	27° 4	2°26	21°37	20°18	14°59	1°36	S 12
S 13	19 25 44	21°14'45	20°10	13°37	11°44	2° 6	5° 1	4°13	18°15	27° 2	2°28	21°38	20°15	15° 5	1°33	S 13
M14	19 29 41	22°11'57	2 √ 49	15°45	12°58	2°44	5° 3	4°13	18°13	27° 0	2°29	21°40	20°11	15°12	1°31	M14
T 15	19 33 37	23° 9'10	15°13	17°53	14°11	3°23	5° 5	4°14	18°10	26°59	2°30	21°41	20° 8	15°19	1°29	T 15
W16	19 37 34	24° 6'23	27°26	20° 2	15°24	4° 1	5° 8	4°15	18° 8	26°57	2°32	21°R41	20° 5	15°25	1°27	W16
T 17	19 41 31	25° 3'35	9 ට 31	22°11	16°37	4°40	5°10	4°16	18° 5	26°56	2°33	21°39	20° 2	15°32	1°25	T 17
F 18	19 45 27	26° 0'48	21°29	24°20	17°50	5°18	5°13	4°17	18° 3	26°54	2°35	21°36	19°59	15°39	1°22	F 18
S 19	19 49 24	26°58'02	3≈24	26°29	19° 3	5°57	5°16	4°18	18° 1	26°52	2°36	21°32	19°56	15°46	1°20	S 19
S 20	19 53 20	27°55'15	15°15	28°37	20°17	6°35	5°20	4°19	17°58	26°51	2°37	21°26	19°52	15°52	1°18	S 20
M21	19 57 17	28°52'30	27° 7	$0\Omega44$	21°30	7°13	5°23	4°21	17°56	26°49	2°39	21°19	19°49	15°59	1°15	M21
T 22	20 1 13	29°49'44	8 ∺ 59	2°51	22°43	7°52	5°26	4°22	17°53	26°47	2°40	21°12	19°46	16° 6	1°13	T 22
W23	20 5 10	0 Ω 47'00	20°56	4°56	23°56	8°30	5°30	4°23	17°51	26°46	2°41	21° 6	19°43	16°12	1°10	W23
T 24	20 9 6	1°44'16	2 Υ 59	7° 0	25° 9	9° 9	5°34	4°25	17°49	26°44	2°42	21° 1	19°40	16°19	1° 8	T 24
F 25	20 13 3	2°41'32	15°13	9° 3	26°22	9°47	5°38	4°27	17°46	26°43	2°44	20°58	19°36	16°26	1° 5	F 25
S 26	20 17 0	3°38'50	27°41	11° 4	27°35	10°25	5°42	4°29	17°44	26°41	2°45	20°56	19°33	16°32	1° 3	S 26
S 27	20 20 56	4°36'08	10827	13° 4	28°48	11° 4	5°47	4°30	17°42	26°39	2°46	20°D56	19°30	16°39	1° 0	S 27
M28	20 24 53	5°33'28	23°36	15° 3	0 m y 1	11°42	5°51	4°32	17°40	26°38	2°48	20°57	19°27	16°46	0°57	M28
T 29	20 28 49	6°30'49	7 I I10	16°59	1°14	12°21	5°56	4°35	17°37	26°36	2°49	20°58	19°24	16°53	0°54	T 29
W30	20 32 46	7°28'10	21°11	18°54	2°27	12°59	6° 0	4°37	17°35	26°35	2°50	20°R59	19°21	16°59	0°52	W30
T 31	20 36 42	8 Ω 25'32	5939	20 Ω 48	3 Mp 40	13 Ω 37	6 M 5	4M39	17 る 33	26 궁 33	2951	20 ∡ 758	19 × 17	17≈ 6	0 ∺ 49	T 31

Day	0	D		ğ	·	1	ď	7	2	4	ŧ)	ł((Р		n	U	Ç	ď	;
	decl	decl lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl l	at	decl	decl	decl	decl	lat
T 1 W 2 T 3	22 59	23 8 0 4	4 21n35 9 21 53 0 22 10	1 20	22n 3 21 50 21 36	1 22	22n19 22 12 22 5	1 7	11 s59 11 59 11 59	1 12	10 s32 10 32 10 32	2 31	22 s33 22 34 22 34	0 27	20 s 9 20 10 20 10	0n31 0 31 0 31	17n23 17 23 17 23	6 1	23 s10 23 10 23 10	-	12 42	4 s 4 8 4 4 9	6n24 6 24 6 24
F 4 S 5		17 43 3	0 22 26 3 22 41	0 43			21 51		12 0	1 11	10 33	2 30	22 34 22 35	0 27	20 10 20 11	0 31 0 31		6 1	23 10 23 10	23 5	12 35	4 49 4 49	6 25 6 25
S 6 M 7 T 8 W 9 T 10 F 11	22 37 22 31 22 24 22 17 22 9 22 1	7 57 4 4 2 18 5 19 3 s 20 5 1 8 39 4 5	3 22 54 6 23 6 0 23 16 3 23 23 8 23 28 5 23 31	0 19 0 7 0 0n 5 0 16	19 59 19 41	1 28 1 29 1 30 1 30	21 43 21 36 21 28 21 20 21 12 21 4	1 7 1 7 1 7	12 0 12 1 12 2 12 2 12 3 12 4	1 11 1 10 1 10	10 33 10 33 10 34 10 34 10 34	2 30 2 29 2 29 2 29	22 35 22 36 22 36 22 36 22 36 22 37	0 27 0 27 0 27 0 27	20 11 20 12 20 12 20 12 20 12 20 13	0 31 0 31 0 31 0 31 0 31 0 31	17 23 17 23 17 23 17 23 17 23 17 23	6 1 6 1 6 1 6 1		23 5 23 5 23 4 23 4	12 30 12 28	4 50 4 50 4 50 4 51 4 51 4 52	6 25 6 25 6 26 6 26 6 26 6 26
S 12 S 13 M14 T 15 W16 T 17 F 18 S 19	21 53 21 44 21 35 21 26 21 16	17 23 3 4 20 24 2 4 22 22 1 4 23 11 0 3 22 52 0n3 21 29 1 3 19 9 2 3	23 32 4 23 29 2 23 25 5 23 17 1 23 6 6 22 53 5 22 38 8 22 19	0 37 0 46 0 55 1 4 1 12 1 19 1 25	19 3 18 44 18 24 18 3 17 42 17 20 16 58	1 32 1 32 1 33 1 33 1 34 1 34 1 34	20 55 20 47 20 38 20 29 20 20 20 11 20 2 19 52	1 8 1 8 1 8 1 8 1 8 1 8	12 5 12 6 12 7 12 8 12 9 12 10	1 9 1 9 1 9 1 9 1 8 1 8	10 35 10 35 10 36 10 36 10 37 10 37	2 28 2 28 2 28 2 27 2 27 2 27 2 27 2 27	22 37 22 37 22 38 22 38 22 38 22 39 22 39 22 39	0 27 0 27 0 27 0 27 0 27 0 27 0 27 0 27	20 13 20 13 20 14 20 14 20 14 20 14 20 15 20 15	0 31 0 31 0 31 0 31 0 31 0 31 0 31	17 23	6 1 6 1 6 1 6 1 6 1 6 1	23 9 23 9 23 9 23 9 23 9 23 9 23 9 23 9	23 4 23 4 23 3 23 3 23 3 23 3 23 3 23 2	12 18 12 16 12 14 12 11 12 9 12 6 12 4	4 52 4 53 4 53 4 54 4 54 4 55 4 56 4 56	6 27 6 27 6 27 6 27 6 27 6 28 6 28 6 28
S 20 M21 T 22 W23 T 24 F 25 S 26	20 34 20 22 20 10 19 58 19 45 19 32	12 15 4 1 8 2 4 4 3 31 5 1n 9 5 1 5 49 5 10 20 4 4	1 21 58 3 21 35 3 21 10	1 35 1 39 1 42 1 45 1 46 1 47	16 12 15 49 15 25 15 1 14 36 14 11	1 34 1 35 1 34 1 34 1 34 1 34	19 43 19 33 19 23 19 13 19 3 18 53 18 43	1 8 1 8 1 8 1 8 1 8	12 14 12 15 12 16 12 18	1 7 1 7 1 7 1 7 1 6 1 6	10 39 10 40 10 41 10 41	2 26 2 26 2 26 2 25 2 25 2 25 2 25	22 40 22 40 22 40 22 41 22 41 22 41 22 42	0 27 0 27 0 27 0 27 0 27 0 27	20 15	0 31 0 31 0 31 0 31 0 31 0 31		6 1 6 1 6 1 6 1 6 1 6 1	23 8 23 8 23 8 23 7 23 7 23 7	23 2 23 2 23 1 23 1 23 1 23 1	11 59 11 57 11 54 11 52 11 49 11 47 11 45	4 57 4 58 4 58 4 59 5 0 5 0 5 1	6 28 6 28 6 29 6 29 6 29 6 29 6 29
S 27 M28 T 29 W30 T 31	18 38 18 23	20 57 2 2 22 42 1 1 23 6 0s		1 46 1 44 1 42	12 54 12 28	1 33 1 32 1 32	18 32 18 22 18 11 18 0 17n49	1 9 1 9 1 9	12 24 12 26 12 28 12 30 12 s31	1 5 1 5 1 5	10 45 10 46 10 47 10 48 10 s49	2 24 2 24 2 23	22 42 22 42 22 42 22 43 22 s43	0 27 0 27 0 27	20 18 20 18 20 18 20 19 20 19	0 31 0 31 0 31 0 31 0n31	17 22 17 22 17 22 17 22 17n22	6 1 6 1 6 1		23 0 23 0 22 59	11 42 11 40 11 37 11 35 11 s32	5 2 5 3 5 4 5 4 5s 5	6 29 6 30 6 30 6 30 6n30

Julian Day Number = 2510165.5, Delta T = 129.15 sec Ecliptic obliquity = $23^{\circ}25'04$, Nutation = $0^{\circ}00'17$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^{\circ}58'59$, Lahiri = $26^{\circ}05'59$

AUGUST 2160 00:00 UT

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Day	Sid.t	0	D	ğ	φ	ð	4	ħ)મ(并	Р	S.	v	Ç	Ŷ,	Day
F 1	20 40 39	9Ω22'56	20931	22 N 39	4 m/ 52	14Ω16	6 M .11	4 M .41	17°R31	26°R31	2952	20°R55	19 × 14	17≈13	0°R46	F 1
S 2	20 44 36	10°20'20	5 Ω 39	24°29	6° 5	14°54	6°16	4°44	17 る 29	26 궁 30	2°54	20 х 50	19°11	17°19	0) €43	S 2
S 3	20 48 32	11°17'45	20°55	26°18	7°18	15°32	6°21	4°46	17°26	26°28	2°55	20°43	19° 8	17°26	0°41	S 3
M 4	20 52 29	12°15'11	6MD 9	28° 4	8°31	16°11	6°27	4°49	17°24	26°27	2°56	20°36	19° 5	17°33	0°38	M 4
T 5	20 56 25	13°12'37	21° 8	29°50	9°44	16°49	6°33	4°52	17°22	26°25	2°57	20°28	19° 2	17°39	0°35	T 5
W 6	21 0 22	14°10'04	5 ≏ 46	1 m 33	10°57	17°27	6°38	4°55	17°20	26°24	2°58	20°22	18°58	17°46	0°32	W 6
T 7	21 4 18	15° 7'32	19°57	3°15	12°10	18° 5	6°45	4°57	17°18	26°22	2°59	20°17	18°55	17°53	0°29	T 7
F 8	21 8 15	16° 5'01	3 M .40	4°55	13°22	18°44	6°51	5° 0	17°16	26°21	3° 0	20°15	18°52	18° 0	0°26	F 8
S 9	21 12 11	17° 2'30	16°55	6°33	14°35	19°22	6°57	5° 3	17°14	26°19	3° 2	20°D14	18°49	18° 6	0°23	S 9
S 10	21 16 8	18° 0'00	29°46	8°10	15°48	20° 0	7° 3	5° 7	17°12	26°18	3° 3	20°14	18°46	18°13	0°20	S 10
M11	21 20 4	18°57'31	12 × 17	9°46	17° 0	20°38	7°10	5°10	17°10	26°16	3° 4	20°15	18°42	18°20	0°17	M11
T 12	21 24 1	19°55'03	24°32	11°19	18°13	21°17	7°17	5°13	17° 8	26°15	3° 5	20°R15	18°39	18°26	0°14	T 12
W13	21 27 58	20°52'35	6 궁 36	12°52	19°26	21°55	7°24	5°17	17° 6	26°13	3° 6	20°14	18°36	18°33	0°11	W13
T 14	21 31 54	21°50'09	18°33	14°22	20°38	22°33	7°31	5°20	17° 4	26°12	3° 7	20°10	18°33	18°40	0° 8	T 14
F 15	21 35 51	22°47'43	0≈26	15°51	21°51	23°11	7°38	5°24	17° 3	26°10	3° 8	20° 4	18°30	18°47	0° 5	F 15
S 16	21 39 47	23°45'19	12°17	17°18	23° 3	23°50	7°45	5°27	17° 1	26° 9	3° 9	19°55	18°27	18°53	0° 2	S 16
S 17	21 43 44	24°42'55	24° 8	18°44	24°16	24°28	7°52	5°31	16°59	26° 8	3°10	19°45	18°23	19° 0	29≈59	S 17
M18	21 47 40	25°40'33	6 米 2	20° 8	25°28	25° 6	8° 0	5°35	16°57	26° 6	3°11	19°33	18°20	19° 7	29°56	M18
T 19	21 51 37	26°38'12	17°59	21°30	26°41	25°44	8° 8	5°39	16°56	26° 5	3°12	19°20	18°17	19°13	29°53	T 19
W20	21 55 33	27°35'53	0 Υ 1	22°50	27°53	26°22	8°15	5°43	16°54	26° 4	3°13	19° 9	18°14	19°20	29°50	W20
T 21	21 59 30	28°33'35	12°10	24° 9	29° 6	27° 1	8°23	5°47	16°52	26° 2	3°14	18°59	18°11	19°27	29°47	T 21
F 22	22 3 27	29°31'18	24°28	25°26	0 ჲ 18	27°39	8°31	5°51	16°51	26° 1	3°14	18°52	18° 7	19°33	29°44	F 22
S 23	22 7 23	0 m 29'03	6 8 58	26°41	1°30	28°17	8°39	5°55	16°49	26° 0	3°15	18°47	18° 4	19°40	29°40	S 23
S 24	22 11 20	1°26'50	19°44	27°54	2°43	28°55	8°48	6° 0	16°48	25°58	3°16	18°45	18° 1	19°47	29°37	S 24
M25	22 15 16	2°24'39	2 Ⅱ 48	29° 5	3°55	29°33	8°56	6° 4	16°46	25°57	3°17	18°D45	17°58	19°54	29°34	M25
T 26	22 19 13	3°22'29	16°14	0 ჲ 14	5° 7	0 Mp 12	9° 4	6° 8	16°45	25°56	3°18	18°R45	17°55	20° 0	29°31	T 26
W27	22 23 9	4°20'21	0ණ 5	1°21	6°19	0°50	9°13	6°13	16°43	25°55	3°19	18°44	17°52	20° 7	29°28	W27
T 28	22 27 6	5°18'15	14°23	2°25	7°32	1°28	9°22	6°17	16°42	25°54	3°19	18°42	17°48	20°14	29°25	T 28
F 29	22 31 2	6°16'10	29° 4	3°27	8°44	2° 6	9°31	6°22	16°41	25°52	3°20	18°38	17°45	20°20	29°22	F 29
S 30	22 34 59	7°14'08	14 Ω 6	4°27	9°56	2°44	9°40	6°27	16°40	25°51	3°21	18°31	17°42	20°27	29°19	S 30
S 31	22 38 56	8 m) 12'07	29 Ω 19	5 ≏ 24	11 ♀ 8	3 Mp 23	9 M 49	6MJ32	16 පි 38	25 궁 50	39522	18 × 21	17 × 39	20≈34	29≈16	S 31

Day	0	D		ģ	Ŷ)	d	7	2	4	ŧ	l)	β (4	(В)	n	v	Ç	Ł	5
	decl	decl lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	dec	decl	decl	decl	lat
F 1 S 2	17n53 17 38	-	32 15n28 37 14 48				17n38 17 27		12 s33 12 35		10s50 10 51		22 s43 22 44		20 s19 20 20	0n31 0 31	17n22 17 22	6s 1		5 22 s59 5 22 59		5s 6 5 7	6n30 6 30
S 3 M 4 T 5 W 6	17 22 17 6 16 50 16 34	4 39 4 1 1 s11 5	57 13 26 6 12 44	1 18	9 43	1 27 1 26	17 16 17 4 16 53 16 41	1 9 1 9 1 9 1 9	12 42	1 4 1 4 1 3 1 3	10 53 10 54	2 22 2 22 2 22 2 22	22 44	0 27 0 27	20 20 20 20 20 20 20 21	0 31 0 31 0 31 0 31	17 22 17 22 17 22 17 22	6 1 6 1 6 1 6 1	23 ± 23 ±	5 22 58 5 22 58 5 22 58 1 22 58	11 23 11 20	5 8 5 9 5 10 5 11	6 30 6 30 6 30 6 30
T 7 F 8 S 9		16 13 3 4 19 34 2	43 10 38 49 9 55	1 0 0 53	7 48 7 19	1 23 1 21	16 29 16 17 16 5		12 48 12 50	1 3 1 2	10 58 10 59		22 45 22 45	0 27 0 27	20 21 20 21 20 22	0 31 0 31 0 31	17 22 17 22 17 22		23 4	1 22 57 1 22 57 1 22 57	11 13 11 10		6 31 6 31 6 31
S 10 M11 T 12 W13 T 14	15 8 14 50	22 55 On 21 49 1	43 8 30 23 7 47 26 7 5	0 39 0 31 0 23	6 49 6 20 5 50 5 20 4 50	1 18 1 17 1 15	15 53 15 41 15 29 15 17 15 4	1 9 1 9 1 9 1 9 1 9	12 57 13 0	1 2 1 2 1 2 1 1 1 1	11 1 11 3 11 4	2 21 2 20 2 20 2 20 2 20 2 20	22 46 22 46	0 27 0 27 0 27	20 22 20 22 20 23 20 23 20 23	0 31 0 31 0 31 0 31 0 31	17 21 17 21 17 21 17 21 17 21	6 2 6 2 6 2 6 2 6 2	23 4 23 4 23 4		11 5	5 15 5 16 5 17 5 18 5 19	6 31 6 31 6 31 6 31 6 31
F 15 S 16	13 35	13 15 4	17 5 41 0 4 59	0s 2	1	1 10	14 52 14 39	1 9 1 9	13 7	1 1 1 1		2 19	22 47 22 47	0 27	20 23 20 24		17 21 17 21	6 2 6 2	23 2	22 55 2 22 55	10 53	5 20 5 21	6 31 6 31
S 17 M18 T 19 W20 T 21 F 22 S 23	13 16 12 57 12 38 12 18 11 58 11 38 11 18	4 44 4 0 7 5 4n33 4 9 4 4 13 17 4	54 3 37 2 2 56 57 2 16 38 1 36 6 0 57	0 19 0 29 0 38 0 47 0 56	1 16 0 45	1 6 1 4 1 2		1 9 1 9 1 9 1 9	13 15 13 18	1 0 1 0 1 0 1 0 0 59	11 13 11 14	2 19 2 19 2 18 2 18 2 18	22 48	0 27 0 27 0 27 0 27 0 27 0 27	20 24 20 25 20 25 20 25 20 25 20 25 20 26	0 31 0 31 0 31 0 31 0 31		6 2	23 0 22 59 22 59 22 58 22 58	1 22 55 0 22 54 0 22 54 0 22 54 8 22 54 7 22 53 7 22 53	10 48 10 46 10 43 10 41 10 38	5 22 5 23 5 24 5 25 5 26 5 27 5 28	6 31 6 31 6 31 6 31 6 31 6 31 6 31
S 24 M25 T 26 W27 T 28 F 29 S 30 S 31	10 57 10 36 10 16 9 55 9 33 9 12 8 51 8n29	22 4 1 2 2 56 0 22 25 1s 20 28 2 17 8 3 12 37 4	24 0 56 13 1 33 0 2 8 11 2 43 16 3 16 9 3 49	1 25 1 35 1 45 1 54 2 4 2 14	0 47 1 18 1 49 2 20 2 51 3 22	0 50 0 47 0 45 0 42 0 40 0 37	12 55 12 41 12 28 12 14 12 1 11 47 11 33 11n19	1 9 1 8 1 8 1 8 1 8		0 59 0 59 0 58 0 58 0 58 0 58	11 21 11 22 11 24 11 26 11 27 11 29 11 31 11 s33	2 17 2 17 2 17 2 17 2 16 2 16	-	0 27 0 27 0 27 0 27 0 27 0 27	20 26 20 26 20 26 20 27 20 27 20 27 20 27 20 27	0 31 0 31 0 31 0 31 0 31 0 31	17 20 17 20 17 20 17 20 17 20 17 20 17 20 17 20	6 2 6 3 6 3 6 3 6 3	22 50 22 50 22 50 22 50 22 50 22 50 22 50	5 22 52 5 22 52	10 31 10 29 10 26 10 24 10 21 10 19	5 29 5 31 5 32 5 33 5 34 5 35 5 36 5 36	6 30 6 30 6 30 6 30 6 30 6 30 6 30 6 30

Julian Day Number = 2510196.5, Delta T = 129.22 sec Ecliptic obliquity = 23°25'04, Nutation = 0°00'18, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^\circ59'03$, Lahiri = $26^\circ06'04$

SEPTEMBER 2160 00:00 UT

JLI	LINDLIN	L100													00.0	0.
Day	Sid.t	0	D	ğ	Ş	♂ [™]	4	ħ)મ(并	Р	S.	v	Ç	Ŷ,	Day
M 1	22 42 52	9 m 10'07	14 m 33	6 ₽ 18	12 ≏ 20	4 M 1	9 M .58	6 M .37	16°R37	25°R49	39522	18°R11	17 ∡ ³36	20≈41	29°R13	M 1
T 2	22 46 49	10° 8'09	29°38	7° 9	13°32	4°39	10° 7	6°42	16 ප 36	25 궁 48	3°23	18 × 0	17°33	20°47	29≈10	T 2
W 3	22 50 45	11° 6'12	14 <u>₽</u> 23	7°57	14°44	5°17	10°16	6°47	16°35	25°47	3°24	17°50	17°29	20°54	29° 7	W 3
T 4	22 54 42	12° 4'17	28°42	8°42	15°56	5°55	10°26	6°52	16°34	25°46	3°24	17°43	17°26	21° 1	29° 4	T 4
F 5	22 58 38	13° 2'24	12 M 31	9°23	17° 8	6°33	10°36	6°57	16°33	25°45	3°25	17°38	17°23	21° 7	29° 1	F 5
S 6	23 2 35	14° 0'32	25°51	10° 0	18°20	7°12	10°45	7° 2	16°32	25°44	3°26	17°35	17°20	21°14	28°58	S 6
S 7	23 631	14°58'41	8 ∡ 744	10°33	19°32	7°50	10°55	7° 7	16°31	25°43	3°26	17°34	17°17	21°21	28°55	S 7
M 8	23 10 28	15°56'52	21°15	11° 1	20°44	8°28	11° 5	7°13	16°30	25°42	3°27	17°34	17°13	21°27	28°52	M 8
T 9	23 14 25	16°55'04	3 云 28	11°25	21°55	9° 6	11°15	7°18	16°29	25°41	3°27	17°34	17°10	21°34	28°49	T 9
W10	23 18 21	17°53'18	15°29	11°44	23° 7	9°44	11°25	7°23	16°29	25°41	3°28	17°32	17° 7	21°41	28°47	W10
T 11	23 22 18	18°51'33	27°23	11°58	24°19	10°23	11°35	7°29	16°28	25°40	3°28	17°28	17° 4	21°48	28°44	T 11
F 12	23 26 14	19°49'50	9≈13	12° 6	25°30	11° 1	11°45	7°34	16°27	25°39	3°29	17°20	17° 1	21°54	28°41	F 12
S 13	23 30 11	20°48'08	21° 4	12°R 8	26°42	11°39	11°56	7°40	16°27	25°38	3°29	17°10	16°58	22° 1	28°38	S 13
S 14	23 34 7	21°46'28	2) €58	12° 4	27°54	12°17	12° 6	7°46	16°26	25°38	3°30	16°58	16°54	22° 8	28°36	S 14
M15	23 38 4	22°44'50	14°57	11°53	29° 5	12°55	12°17	7°51	16°26	25°37	3°30	16°45	16°51	22°14	28°33	M15
T 16	23 42 0	23°43'13	27° 2	11°36	0 M .17	13°33	12°27	7°57	16°25	25°36	3°30	16°31	16°48	22°21	28°30	T 16
W17	23 45 57	24°41'39	9 Ƴ 14	11°12	1°28	14°12	12°38	8° 3	16°25	25°35	3°31	16°18	16°45	22°28	28°27	W17
T 18	23 49 54	25°40'06	21°34	10°41	2°39	14°50	12°49	8° 9	16°24	25°35	3°31	16° 6	16°42	22°35	28°25	T 18
F 19	23 53 50	26°38'35	4 8 4	10° 4	3°51	15°28	12°59	8°15	16°24	25°34	3°31	15°58	16°39	22°41	28°22	F 19
S 20	23 57 47	27°37'07	16°44	9°20	5° 2	16° 6	13°10	8°21	16°24	25°34	3°32	15°52	16°35	22°48	28°20	S 20
S 21	0 1 43	28°35'40	29°37	8°30	6°13	16°44	13°21	8°27	16°23	25°33	3°32	15°49	16°32	22°55	28°17	S 21
M22	0 5 40	29°34'16	12 ∏ 44	7°34	7°24	17°23	13°32	8°33	16°23	25°33	3°32	15°D48	16°29	23° 1	28°15	M22
T 23	0 9 36	0 ₽ 32'54	26° 9	6°35	8°36	18° 1	13°44	8°39	16°23	25°32	3°33	15°R48	16°26	23° 8	28°12	T 23
W24	0 13 33	1°31'34	9953	5°32	9°47	18°39	13°55	8°45	16°23	25°32	3°33	15°48	16°23	23°15	28°10	W24
T 25	0 17 29	2°30'17	23°58	4°27	10°58	19°17	14° 6	8°52	16°D23	25°31	3°33	15°47	16°19	23°22	28° 7	T 25
F 26	0 21 26	3°29'02	8 Ω 24	3°22	12° 9	19°55	14°18	8°58	16°23	25°31	3°33	15°43	16°16	23°28	28° 5	F 26
S 27	0 25 23	4°27'49	23° 7	2°17	13°20	20°34	14°29	9° 4	16°23	25°31	3°33	15°36	16°13	23°35	28° 3	S 27
S 28	0 29 19	5°26'38	8 mg 2	1°16	14°31	21°12	14°41	9°11	16°23	25°30	3°33	15°28	16°10	23°42	28° 1	S 28
M29	0 33 16	6°25'29	23° 1	0°19	15°41	21°50	14°52	9°17	16°23	25°30	3°34	15°17	16° 7	23°48	27°58	M29
T 30	0 37 12	7 - 24'22	7 ≙ 55	29 Mp 28	16M52	22 Mp 28	15 M 4	9 m 24	16 ප 24	25 궁 30	3934	15 ×7 7	16 ∡ 4	23≈55	27≈56	T 30

Day	0	D	ğ	·	ď	4	ħ)Å(并	Р	ก	U	Ç	Š.
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl	decl d	lecl	decl lat
M 1	8n 8	1n27 5s 0	4s50 2s32	4s23 0n31	11n 5 1n 8	13 s53 0n57	11 s34 2n16	22 s50 0 s27	20 s28 0n31	17n20 6s 3	22 s54 2	22 s50 10	s14	5 s 39 6 n 30
T 2	7 46	4 s 2 2 4 5 5	5 19 2 42	4 54 0 28	10 51 1 8	13 56 0 57	11 36 2 16	22 50 0 27	20 28 0 31	17 20 6 3	22 53 2	22 50 10	11	5 40 6 30
W 3	7 24	9 48 4 29	5 46 2 51	5 25 0 25	10 37 1 8	13 59 0 57	11 38 2 15	22 50 0 27	20 28 0 30	17 19 6 3	22 52 2	22 50 10	9	5 41 6 29
T 4	7 2	14 33 3 48	6 12 3 0	5 55 0 22	10 23 1 8	14 2 0 57	11 40 2 15	22 50 0 27	20 28 0 30	17 19 6 3	22 51 2	22 50 10	6	5 42 6 29
F 5	6 39	18 20 2 54	6 36 3 8	6 25 0 19	10 9 1 8	14 5 0 57	11 42 2 15	22 50 0 27	20 29 0 30	17 19 6 3	22 51 2	22 49 10	4	5 43 6 29
S 6	6 17	21 1 1 52	6 58 3 17	6 56 0 16	9 55 1 8	14 9 0 57	11 44 2 15	22 50 0 27	20 29 0 30	17 19 6 3	22 50 2	22 49 10	1	5 44 6 29
S 7	5 55	22 30 0 47	7 19 3 25	7 26 0 13	9 40 1 8	14 12 0 56	11 45 2 15	22 51 0 27	20 29 0 30	17 19 6 3	22 50 2	22 49 9	59	5 45 6 29
M 8	5 32	22 48 0n19	7 37 3 32	7 56 0 10	9 26 1 8	14 15 0 56	11 47 2 14	22 51 0 27	20 29 0 30	17 19 6 3	22 50 2	22 48 9	57	5 47 6 29
T 9	5 10	21 59 1 23	7 53 3 39	8 26 0 7	9 12 1 8	14 18 0 56		22 51 0 27	20 29 0 30	17 19 6 4	22 50 2	-	54	5 48 6 28
W10		20 10 2 22	8 6 3 46		8 57 1 7			22 51 0 27				-		5 49 6 28
T 11	4 24		8 17 3 52		8 43 1 7			22 51 0 27					-	5 50 6 28
F 12	4 1	14 7 3 57	8 25 3 57		8 28 1 7				20 30 0 30					5 51 6 28
S 13	3 39	10 12 4 30	8 30 4 1	10 23 0 6	8 13 1 7	14 31 0 55	11 57 2 13	22 51 0 27	20 30 0 30	17 19 6 4	22 48 2	22 47 9	44	5 52 6 28
S 14	3 16	5 53 4 51	8 31 4 5	10 52 0 9	7 59 1 7	14 35 0 55	11 59 2 13	22 51 0 27	20 30 0 30	17 18 6 4	22 47 2	22 46 9	42	5 53 6 27
M15	2 53	1 19 5 0	8 29 4 7	11 20 0 13	7 44 1 7	14 38 0 55	12 1 2 13	22 51 0 27	20 30 0 30	17 18 6 4	22 45 2	22 46 9	39	5 55 6 27
T 16	2 30	3n20 4 55	8 23 4 8	11 49 0 16	7 29 1 7	14 41 0 55	12 3 2 13	22 51 0 27	20 31 0 30	17 18 6 4	22 44 2	22 46 9	37	5 56 6 27
W17	2 6	7 53 4 36	8 13 4 7	12 17 0 20	7 15 1 7	14 45 0 55	12 5 2 13	22 51 0 27	20 31 0 30	17 18 6 4	22 43 2	22 46 9	34	5 57 6 27
T 18	1 43	12 11 4 5	7 59 4 5	12 45 0 23	7 0 1 7	14 48 0 54	12 7 2 13	22 51 0 27	20 31 0 30	17 18 6 4	22 42 2	22 45 9	32	5 58 6 26
F 19	-	16 1 3 22	7 41 4 2		6 45 1 7								-	5 59 6 26
S 20	0 57	19 10 2 27	7 19 3 57	13 40 0 30	6 30 1 6	14 55 0 54	12 11 2 12	22 51 0 27	20 31 0 30	17 18 6 5	22 40 2	22 45 9	27	6 0 6 26
S 21	0 34	21 26 1 25	6 53 3 50	14 7 0 34	6 15 1 6	14 59 0 54	12 13 2 12	22 51 0 27	20 31 0 30	17 18 6 5	22 40 2	22 44 9	24	6 1 6 26
M22	0 10	22 34 0 16	6 23 3 41	14 33 0 37	6 0 1 6	15 2 0 54	12 15 2 12	22 51 0 27	20 31 0 30	17 18 6 5	22 40 2	22 44 9	22	6 2 6 25
T 23	0 s13	22 27 0s55	5 49 3 30	15 0 0 41	5 45 1 6	15 5 0 54	12 17 2 12	22 51 0 27	20 31 0 30	17 18 6 5	22 40 2	22 44 9	19	6 3 6 25
W24	0 36	20 59 2 4	5 12 3 17	15 26 0 44	5 30 1 6	15 9 0 54	12 20 2 12	22 51 0 27	20 31 0 30	17 17 6 5	22 40 2	22 43 9	17	6 5 6 25
T 25	1 0	18 13 3 8	4 33 3 2	15 52 0 48	5 15 1 6	15 12 0 53	12 22 2 12	22 51 0 27	20 32 0 30	17 17 6 5	22 40 2	22 43 9	14	6 6 6 24
F 26	1 23	14 16 4 1	3 52 2 46	16 17 0 51	5 0 1 6			22 51 0 27	20 32 0 30	17 17 6 5	22 39 2	22 43 9	12	6 7 6 24
S 27	1 46	9 24 4 39	3 10 2 28	16 42 0 55	4 45 1 6	15 19 0 53	12 26 2 11	22 51 0 27	20 32 0 30	17 17 6 5	22 38 2	22 42 9	9	6 8 6 24
S 28	2 10	3 55 5 0	2 29 2 9	17 7 0 59	4 29 1 5	15 23 0 53	12 28 2 11	22 51 0 27	20 32 0 30	17 17 6 5	22 38 2	22 42 9	7	6 9 6 24
M29	2 33	1 s49 4 59	1 48 1 50	17 31 1 2	4 14 1 5	15 27 0 53	12 30 2 11	22 51 0 27	20 32 0 30	17 17 6 5	22 36 2	22 42 9	4	6 10 6 23
T 30	2 s56	7 s24 4 s39	1s 9 1s29	17s55 1s 6	3n59 1n 5	15 s30 0n53	12 s32 2n11	22 s51 0 s27	20 s32 0n30	17n17 6s 5	22 s35 2	22 s41 9	s 2	6s11 6n23

 $\label{eq:Julian Day Number = 2510227.5, Delta T = 129.28 sec} \\ Ecliptic obliquity = 23°25'05, Nutation = 0°00'18, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 26°59'07, Lahiri = 26°06'08 \\$

OCTOBER 2160 00:00 UT

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Day	Sid.t	0	D	ğ	ρ	ď	4	ħ)મ(¥	Р	n	v	Ç	ę,	Day
W 1	0 41 9	8 ₾ 23'18	22 ≏ 34	28°R44	18 M 3	23 mg 7	15 M .15	9 M .30	16 ට 24	25°R30	3934	14°R58	16 ∡ 0	24≈ 2	27°R54	W 1
T 2	0 45 5	9°22'15	6 M .51	28Mp 9	19°14	23°45	15°27	9°37	16°24	25 る 29	3°34	14 ×7 50	15°57	24° 9	27≈52	T 2
F 3	0 49 2	10°21'14	20°41	27°43	20°24	24°23	15°39	9°43	16°25	25°29	3°R34	14°45	15°54	24°15	27°50	F 3
S 4	0 52 58	11°20'15	4 ₹ 5	27°27	21°35	25° 1	15°51	9°50	16°25	25°29	3°34	14°43	15°51	24°22	27°48	S 4
S 5	0 56 55	12°19'18	17° 1	27°D22	22°45	25°40	16° 3	9°56	16°26	25°29	3°34	14°D43	15°48	24°29	27°46	S 5
M 6	1 0 51	13°18'23	29°35	27°27	23°56	26°18	16°15	10° 3	16°26	25°29	3°34	14°43	15°44	24°35	27°44	M 6
T 7	1 4 48	14°17'29	11 る 51	27°42	25° 6	26°56	16°27	10°10	16°27	25°D29	3°34	14°R44	15°41	24°42	27°43	T 7
W 8	1 8 45	15°16'37	23°53	28° 8	26°17	27°34	16°39	10°17	16°27	25°29	3°33	14°43	15°38	24°49	27°41	W 8
T 9	1 12 41	16°15'47	5≈48	28°43	27°27	28°13	16°51	10°23	16°28	25°29	3°33	14°41	15°35	24°56	27°39	T 9
F 10	1 16 38	17°14'59	17°39	29°27	28°37	28°51	17° 4	10°30	16°29	25°29	3°33	14°37	15°32	25° 2	27°37	F 10
S 11	1 20 34	18°14'12	29°31	0 ჲ 19	29°47	29°29	17°16	10°37	16°30	25°29	3°33	14°30	15°29	25° 9	27°36	S 11
S 12	1 24 31	19°13'27	11 ∺ 28	1°19	0 х 57	0호 8	17°28	10°44	16°30	25°30	3°33	14°21	15°25	25°16	27°34	S 12
M13	1 28 27	20°12'45	23°33	2°25	2° 7	0°46	17°41	10°51	16°31	25°30	3°33	14°11	15°22	25°22	27°33	M13
T 14	1 32 24	21°12'04	5 ℃ 47	3°38	3°17	1°24	17°53	10°58	16°32	25°30	3°32	14° 1	15°19	25°29	27°31	T 14
W15	1 36 20	22°11'25	18°12	4°55	4°27	2° 2	18° 6	11° 5	16°33	25°30	3°32	13°51	15°16	25°36	27°30	W15
T 16	1 40 17	23°10'48	0848	6°18	5°36	2°41	18°18	11°11	16°34	25°30	3°32	13°43	15°13	25°43	27°29	T 16
F 17	1 44 14	24°10'13	13°35	7°44	6°46	3°19	18°31	11°18	16°35	25°31	3°32	13°37	15°10	25°49	27°27	F 17
S 18	1 48 10	25° 9'40	26°34	9°14	7°55	3°57	18°43	11°25	16°37	25°31	3°31	13°34	15° 6	25°56	27°26	S 18
S 19	1 52 7	26° 9'10	9 Ⅱ 44	10°46	9° 5	4°36	18°56	11°33	16°38	25°32	3°31	13°D32	15° 3	26° 3	27°25	S 19
M20	1 56 3	27° 8'41	23° 6	12°21	10°14	5°14	19° 9	11°40	16°39	25°32	3°30	13°32	15° 0	26° 9	27°24	M20
T 21	2 0 0	28° 8'15	6940	13°57	11°23	5°52	19°21	11°47	16°40	25°32	3°30	13°34	14°57	26°16	27°23	T 21
W22	2 3 56	29° 7'52	20°27	15°35	12°32	6°31	19°34	11°54	16°42	25°33	3°30	13°35	14°54	26°23	27°22	W22
T 23	2 7 53	0M 7'30	$4\Omega 27$	17°14	13°41	7° 9	19°47	12° 1	16°43	25°33	3°29	13°R35	14°50	26°30	27°21	T 23
F 24	2 11 49	1° 7'11	18°40	18°54	14°50	7°48	20° 0	12° 8	16°44	25°34	3°29	13°34	14°47	26°36	27°20	F 24
S 25	2 15 46	2° 6'54	3 Mp 3	20°34	15°59	8°26	20°13	12°15	16°46	25°35	3°28	13°30	14°44	26°43	27°19	S 25
S 26	2 19 43	3° 6'40	17°34	22°15	17° 8	9° 4	20°26	12°22	16°47	25°35	3°28	13°25	14°41	26°50	27°19	S 26
M27	2 23 39	4° 6'27	2 <u>₽</u> 7	23°56	18°17	9°43	20°38	12°29	16°49	25°36	3°27	13°20	14°38	26°56	27°18	M27
T 28	2 27 36	5° 6'17	16°36	25°37	19°25	10°21	20°51	12°36	16°51	25°37	3°27	13°13	14°35	27° 3	27°17	T 28
W29	2 31 32	6° 6'09	0M.54	27°18	20°34	11° 0	21° 4	12°44	16°52	25°37	3°26	13° 8	14°31	27°10	27°17	W29
T 30	2 35 29	7° 6'02	14°56	28°59	21°42	11°38	21°17	12°51	16°54	25°38	3°26	13° 3	14°28	27°17	27°16	T 30
F 31	2 39 25	8M 5'58	28 M 37	0 M .40	22 × 750	12 ≏ 16	21 M 31	12 M .58	16 පි 56	25 る 39	3925	13 x 1	14 × ⁷ 25	27≈23	27≈16	F 31

Day	0	D	3	Į	·		ď	1	2	4	ŧ)	ł(4	(Р		n	Ω	Ç	ķ	
	decl	decl lat	decl	lat	decl l	at	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl l	at	decl	decl	decl	decl	lat
W 1 T 2 F 3	3 s19 3 43 4 6	12 s29 4s 9 16 44 3 1 19 54 2 4	0 1	0 49	18s18 18 41 19 4	1 s 9 1 13 1 16	3n44 3 28 3 13	1 5	15 s34 15 37 15 41	0 52		2n11 2 11 2 11	22 51	0 27	20 s32 20 32 20 32	0n30 0 30 0 30	17 17	6 6	22 s34 22 33 22 33		8 s 5 9 8 5 7 8 5 4	6s12 6 13 6 14	6n23 6 22 6 22
S 4	4 29				19 26	1 20	2 58		15 44		12 41		22 51		20 32	0 30				22 40	8 52	6 15	6 22
S 5 M 6 T 7 W 8 T 9	6 1		9 1 23 0 1 32 3 1 34	0 25 0 40 0 54	19 47 20 8 20 29 20 49 21 9	1 23 1 27 1 30 1 34 1 37	2 43 2 27 2 12 1 57 1 41	1 4 1 4 1 4 1 4	15 55 15 58	0 52 0 52	12 48 12 50	2 10 2 10 2 10	22 51 22 51 22 51 22 51 22 51 22 50	0 26 0 26 0 26	20 32 20 32 20 32 20 32 20 32	0 30	17 16 17 16 17 16 17 16 17 16	6 6 6 6 6 6	22 33	22 39	8 49 8 47 8 44 8 42 8 39	6 16 6 17 6 18 6 19 6 20	6 21 6 21 6 20 6 20 6 20
F 10 S 11		11 12 4 32 7 1 4 53	1 25	1 18	21 28	1 41 1 44	1 26 1 10	1 4 1 3	16 6	0 51	12 54	2 10	22 50 22 50 22 50	0 26	20 32 20 32 20 32		17 16	6 6	22 32 22 31	22 38	8 37 8 34	6 20 6 21	6 19 6 19
S 12 M13 T 14 W15 T 16 F 17 S 18	-	2 33 5 2 3 5 6 38 4 4 4 11 1 4 1 15 0 3 2 18 21 2 3 20 50 1 3 6	0 37 4 0 14 3 0s13 9 0 43 4 1 15	1 44 1 1 49 1 1 54 1 1 57 1 1 59 1	22 5 22 22 22 39 22 56 23 12 23 27 23 41	1 47 1 51 1 54 1 57 2 0 2 3 2 6	0 55 0 40 0 24 0 9 0s 6 0 22 0 37	1 3 1 3 1 3 1 3 1 3 1 2 1 2	16 16 16 20 16 23 16 27 16 31	0 51 0 51 0 51 0 51 0 51	13 1 13 3 13 5 13 7 13 10	2 10 2 9 2 9 2 9 2 9 2 9 2 9	22 50 22 50 22 50 22 49	0 26 0 26 0 26 0 26 0 26		0 29 0 29 0 29 0 29 0 29 0 29 0 29	17 16 17 16 17 16 17 16 17 16 17 16 17 15	6 7 6 7 6 7 6 7 6 7	22 29 22 28 22 27 22 26	22 37 22 37 22 36 22 36 22 36	8 32 8 29 8 27 8 24 8 22 8 19 8 17	6 22 6 23 6 24 6 25 6 26 6 26 6 27	6 19 6 18 6 18 6 17 6 17 6 17 6 16
S 19 M20 T 21 W22 T 23 F 24 S 25	10 27 10 48 11 9 11 30	21 13 2 1 18 48 3 6 15 14 4 10 45 4 4	3 2 2 3 41 5 4 20 1 5 0	2 0 1 59 1 57 1 54 1 51 1	23 55 24 9 24 22 24 34 24 45 24 56 25 7	2 10 2 13 2 15 2 18 2 21 2 24 2 26	0 53 1 8 1 23 1 39 1 54 2 9 2 25	1 2 1 2 1 2 1 1 1 1 1 1 1 1	16 41	0 50 0 50 0 50 0 50 0 50 0 50 0 50	13 16 13 19 13 21 13 23	2 9 2 9 2 9 2 9 2 9 2 9 2 9	22 49 22 49 22 49 22 48 22 48	0 26 0 26 0 26 0 26 0 26	20 32	0 29 0 29 0 29 0 29 0 29 0 29 0 29	17 15 17 15 17 15 17 15 17 15 17 15 17 15 17 15	6 7 6 7 6 7 6 7 6 7	22 24 22 25 22 25 22 24	22 35 22 34 22 34 22 34 22 33 22 33 22 33	8 14 8 12 8 9 8 7 8 4 8 2 7 59	6 28 6 29 6 29 6 30 6 31 6 31 6 32	6 16 6 15 6 15 6 15 6 14 6 14 6 13
S 26 M27 T 28 W29 T 30 F 31	13 33 13 52	5 s 2 0 4 5 5 1 0 3 0 4 1 1 1 5 2 3 2 2 1 8 3 8 2 2 2 2	9 8 27	1 38 1 33 1 28 1 23	25 16 25 25 25 33 25 41 25 48 25 854	2 29 2 32 2 34 2 36 2 39 2 s41	2 40 2 55 3 10 3 26 3 41 3 s56	1 0 1 0 1 0	17 2 17 6 17 9 17 13 17 16 17 s20	0 50 0 49 0 49 0 49	13 32 13 34 13 36 13 38	2 9 2 8 2 8 2 8	-	0 26 0 26 0 26 0 26	20 32 20 32 20 32 20 31 20 31 20 s31	0 29 0 29	17 15 17 15 17 15 17 15 17 15 17 15 17n15	6 8 6 8 6 8	22 23 22 22	22 31	7 57 7 54 7 52 7 49 7 47 7s44	6 33 6 33 6 34 6 35 6 35 6 s36	6 13 6 13 6 12 6 12 6 11 6n11

Julian Day Number = 2510257.5, Delta T = 129.34 sec Ecliptic obliquity = 23°25'05, Nutation = 0°00'16, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^\circ59'12$, Lahiri = $26^\circ06'12$

NOVEMBER 2160 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ)ұ(¥	Р	R	v	Ç	ę,	Day
S 1	2 43 22	9M 5'56	11 ×7 56	2M21	23 × 758	12 ≏ 55	21 M 44	13M 5	16 පි 58	25 궁 40	3°R24	13°D 0	14 × 22	27≈30	27°R16	S 1
S 2	2 47 18	10° 5'55	24°52	4° 1	25° 6	13°33	21°57	13°12	16°59	25°40	3924	13 × 0	14°19	27°37	27≈15	S 2
M 3	2 51 15	11° 5'56	7 云 28	5°41	26°14	14°12	22°10	13°20	17° 1	25°41	3°23	13° 2	14°16	27°43	27°15	M 3
T 4	2 55 12	12° 5'59	19°46	7°21	27°21	14°50	22°23	13°27	17° 3	25°42	3°23	13° 4	14°12	27°50	27°15	T 4
W 5	2 59 8	13° 6'03	1≈51	9° 0	28°29	15°29	22°36	13°34	17° 5	25°43	3°22	13° 5	14° 9	27°57	27°15	W 5
T 6	3 3 5	14° 6'09	13°47	10°38	29°36	16° 7	22°49	13°41	17° 7	25°44	3°21	13°R 6	14° 6	28° 4	27°D15	T 6
F 7	3 7 1	15° 6'16	25°39	12°17	0 궁 43	16°46	23° 2	13°48	17° 9	25°45	3°20	13° 5	14° 3	28°10	27°15	F 7
S 8	3 10 58	16° 6'25	7 ∺ 32	13°55	1°50	17°24	23°16	13°56	17°12	25°46	3°20	13° 3	14° 0	28°17	27°15	S 8
S 9	3 14 54	17° 6'35	19°31	15°32	2°57	18° 3	23°29	14° 3	17°14	25°47	3°19	13° 0	13°56	28°24	27°15	S 9
M10	3 18 51	18° 6'47	1 Y 39	17°10	4° 4	18°41	23°42	14°10	17°16	25°48	3°18	12°56	13°53	28°30	27°15	M10
T 11	3 22 47	19° 7'00	14° 0	18°46	5°10	19°20	23°55	14°17	17°18	25°50	3°17	12°52	13°50	28°37	27°16	T 11
W12	3 26 44	20° 7'15	26°36	20°23	6°17	19°58	24° 9	14°24	17°20	25°51	3°16	12°48	13°47	28°44	27°16	W12
T 13	3 30 41	21° 7'32	9 8 27	21°59	7°23	20°37	24°22	14°32	17°23	25°52	3°16	12°45	13°44	28°51	27°16	T 13
F 14	3 34 37	22° 7'51	22°34	23°35	8°29	21°15	24°35	14°39	17°25	25°53	3°15	12°43	13°41	28°57	27°17	F 14
S 15	3 38 34	23° 8'11	5 Ⅱ 56	25°10	9°34	21°54	24°48	14°46	17°27	25°54	3°14	12°42	13°37	29° 4	27°17	S 15
S 16	3 42 30	24° 8'33	19°32	26°45	10°40	22°32	25° 2	14°53	17°30	25°56	3°13	12°D42	13°34	29°11	27°18	S 16
M17	3 46 27	25° 8'56	39519	28°20	11°45	23°11	25°15	15° 0	17°32	25°57	3°12	12°43	13°31	29°17	27°19	M17
T 18	3 50 23	26° 9'22	17°15	29°55	12°50	23°50	25°28	15° 7	17°35	25°58	3°11	12°44	13°28	29°24	27°19	T 18
W19	3 54 20	27° 9'49	1 Ω 18	1 ₹ 29	13°55	24°28	25°41	15°15	17°37	26° 0	3°10	12°45	13°25	29°31	27°20	W19
T 20	3 58 16	28°10'18	15°26	3° 3	14°59	25° 7	25°55	15°22	17°40	26° 1	3° 9	12°46	13°22	29°38	27°21	T 20
F 21	4 2 13	29°10'49	29°37	4°37	16° 3	25°45	26° 8	15°29	17°43	26° 2	3° 8	12°R46	13°18	29°44	27°22	F 21
S 22	4 6 10	0 ≯ 11'22	13 m 49	6°10	17° 7	26°24	26°21	15°36	17°45	26° 4	3° 7	12°46	13°15	29°51	27°23	S 22
S 23	4 10 6	1°11'57	27°59	7°44	18°11	27° 3	26°35	15°43	17°48	26° 5	3° 7	12°45	13°12	29°58	27°24	S 23
M24	4 14 3	2°12'33	12 ♀ 5	9°17	19°15	27°41	26°48	15°50	17°51	26° 7	3° 6	12°44	13° 9	0 ∀ 5	27°25	M24
T 25	4 17 59	3°13'11	26° 4	10°50	20°18	28°20	27° 1	15°57	17°54	26° 8	3° 5	12°43	13° 6	0°11	27°26	T 25
W26	4 21 56	4°13'51	9 M 53	12°23	21°21	28°59	27°14	16° 4	17°56	26°10	3° 3	12°42	13° 2	0°18	27°28	W26
T 27	4 25 52	5°14'32	23°30	13°55	22°23	29°37	27°28	16°11	17°59	26°12	3° 2	12°41	12°59	0°25	27°29	T 27
F 28	4 29 49	6°15'14	6 ₹ 51	15°28	23°26	0 M .16	27°41	16°18	18° 2	26°13	3° 1	12°D40	12°56	0°31	27°30	F 28
S 29	4 33 45	7°15'59	19°56	17° 0	24°28	0°55	27°54	16°25	18° 5	26°15	3° 0	12°40	12°53	0°38	27°32	S 29
S 30	4 37 42	8 ∡ 16'44	2 ප් 44	18 ₮ 33	25 る 29	1 M .33	28 M 7	16 M 32	18 る 8	26 궁 16	2959	12 √ 41	12 × 750	0) €45	27≈33	S 30

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	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
S 1	14 s31	22 s18	0s 6	11s10	1n11	26s 0	2 s43	4 s 1 1	0n59	17 s23	0n49	13 s43	2n 8	22 s46	0s26	20 s31	0n29	17n15	6s 8	22 s20	22 s30	7 s42	6 s 3 6	6n10
S 2	14 50	22 15	1n 4	11 50	1 5	26 5	2 45	4 26	0 59	17 27	0 49	13 45	2 8	22 46	0 26	20 31	0 29	17 15	6 8	22 20	22 30	7 39	6 37	6 10
M 3	15 9	21 3	2 10	12 29	0 58		2 47	4 42		17 30	0 49	13 47	2 8			20 31	0 29	17 14		22 20		7 37	6 37	6 10
T 4	15 27	18 52	3 8	13 8	0 52	26 12	2 49	4 57	0 58	17 34	0 49	13 49	2 8	-		20 31	0 29	17 14		22 21	-	7 34	6 38	6 9
W 5	15 45			13 46	0 45		2 51	5 12		17 37	0 49			22 45		20 30	0 29			22 21		7 32	6 38	6 9
T 6	16 3			14 23	0 39		2 52	5 27		17 41	0 49			22 45		20 30	0 29		6 8			7 29	6 39	6 8
F 7	16 21		4 59		0 32		2 54	5 42		17 44		13 56		22 45		20 30	0 29			22 21		7 27	6 39	6 8
S 8	16 39	3 54	5 12	15 36	0 25	26 20	2 55	5 57	0 57	17 47	0 49	13 58	2 8	22 45	0 26	20 30	0 29	17 14	6 8	22 21	22 28	7 24	6 39	6 7
S 9	16 56	0n38	5 12	16 11	0 19	26 20	2 57	6 11	0 57	17 51	0 48	14 0	2 8	22 44	0 26	20 30	0 29	17 14	6 8	22 20	22 27	7 22	6 40	6 7
M10	17 13	5 12	4 57	16 45	0 12	26 19	2 58	6 26	0 57	17 54	0 48	14 2	2 8		0 26	20 30	0 29	17 14	6 9	22 20	22 27	7 19	6 40	6 7
T 11	17 29	9 39	4 29	17 19	0 5		2 59	6 41		17 57	0 48		2 8			20 29	0 29		6 9		22 26	7 17	6 40	6 6
W12	17 45		-	17 51	0s 2		3 0	6 56	0 56		0 48		2 8			20 29	0 29		6 9		22 26	7 14	6 41	6 6
T 13	-	17 22		18 23	0 8		3 1	7 11	0 56	-	0 48		2 8			20 29	0 29		6 9			7 12	6 41	6 5
F 14	-	20 9		18 54	0 15		3 2	7 25	0 56		0 48		2 8	_		20 29	0 29			22 18		7 9	6 41	6 5
S 15	18 32	21 53	0 37	19 23	0 22	26 6	3 2	7 40	0 55	18 10	0 48	14 13	2 8	22 42	0 26	20 29	0 29	17 14	6 9	22 18	22 25	7 7	6 41	6 4
S 16	18 47	22 23	0s38	19 52	0 28	26 1	3 3	7 55	0 55	18 14	0 48	14 15	2 8	22 42	0 26	20 28	0 29	17 14	6 9	22 18	22 24	7 4	6 42	6 4
M17	19 2	21 31	1 51	20 20	0 35	25 56	3 3	8 9	0 55	18 17	0 48	14 17	2 8	22 42	0 26	20 28	0 29	17 14	6 9	22 18	22 24	7 2	6 42	6 3
T 18		19 20		20 47	0 41		3 3	8 24		18 20	0 48		2 8			20 28	0 29			22 18		6 59	6 42	6 3
W19	19 30			21 13	0 48		3 3	8 38	0 54		0 48		2 8			20 28	0 28			22 18		6 57	6 42	6 3
T 20	19 44	-	4 41		0 54		3 3	8 52	0 54	-	0 48		2 8			20 28	0 28	17 14		22 19		6 54	6 42	6 2
F 21	19 57	6 47	-	22 1	1 0		3 3	9 7	0 54	18 30	0 48	-		22 40		20 27	0 28	17 14		22 19		6 52	6 42	6 2
S 22	20 10	1 29	5 16	22 24	1 6	25 21	3 3	9 21	0 53	18 33	0 48	14 27	2 8	22 40	0 26	20 27	0 28	17 14	6 9	22 19	22 22	6 49	6 42	6 1
S 23	20 23	3 s52	5 5	22 45	1 12	25 12	3 2	9 35	0 53	18 36	0 48	14 29	2 8	22 40	0 26	20 27	0 28	17 14	6 9	22 18	22 22	6 47	6 42	6 1
M24	20 35	9 0	4 36	23 6	1 17	25 2	3 2	9 49	0 53	18 39	0 48	14 31	2 8	22 39	0 26	20 27	0 28	17 14	6 9	22 18	22 21	6 44	6 42	6 0
T 25	20 47	13 38		23 25	1 23		-	10 3		18 42	0 48			22 39		20 26	0 28	17 14		22 18		6 42	6 42	6 0
				23 43	1 28			10 17		18 45		14 35		22 39		20 26	0 28	17 14		22 18		6 39	6 42	6 0
T 27	21 9	20 19	1 44			24 30	2 59			18 48		14 37		22 38		20 26	0 28	17 14	6 9			6 37	6 42	5 59
_	21 20			24 15		24 18	2 57			18 51		14 39		22 38		20 25	0 28		6 9			6 34	6 42	5 59
S 29	21 30	22 22	0n40	24 30	1 43	24 6	2 56	10 59	0 51	18 54	0 47	14 41	2 9	22 37	0 26	20 25	0 28	17 14	6 9	22 18	22 19	6 32	6 42	5 58
S 30	21 s40	21 s34	1n49	24 s43	1 s48	23 s53	2 s 5 4	11 s13	0n51	18 s 5 7	0n47	14 s42	2n 9	22 s37	0s26	20 s25	0n28	17n14	6s 9	22 s18	22 s19	6 s 2 9	6 s 4 2	5n58

Julian Day Number = 2510288.5, Delta T = 129.40 sec Ecliptic obliquity = 23°25'04, Nutation = $0^{\circ}00'15$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^{\circ}59'16$, Lahiri = $26^{\circ}06'16$

DECEMBER 2160 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	4	ħ)ұ(¥	Р	n	Ω	Ç	ķ	Day
M 1	4 41 39	9 .7 17'30	15 3 16	20\$\sqrt{5}\$	26 පි 30	2 M .12	28M20	16 M .38	18 3 11	26 ට 18	2°R58	12 × 741	12 ~ 47	0 ¥ 52	27≈35	M 1
T 2	4 45 35	10°18'18	27°33	21°37	27°31	2°51	28°34	16°45	18°14	26°20	2957	12°41	12°43	0°58	27°36	T 2
W 3	4 49 32	11°19'06	9≈38	23° 9	28°32	3°29	28°47	16°52	18°17	26°22	2°56	12°42	12°40	1° 5	27°38	W 3
T 4	4 53 28	12°19'56	21°35	24°40	29°32	4° 8	29° 0	16°59	18°20	26°23	2°55	12°R42	12°37	1°12	27°40	T 4
F 5	4 57 25	13°20'46	3 ∺ 27	26°12	0≈31	4°47	29°13	17° 6	18°23	26°25	2°54	12°42	12°34	1°18	27°41	F 5
S 6	5 1 21	14°21'37	15°20	27°43	1°31	5°26	29°26	17°12	18°26	26°27	2°53	12°D42	12°31	1°25	27°43	S 6
S 7	5 5 18	15°22'29	27°18	29°14	2°29	6° 4	29°39	17°19	18°29	26°29	2°52	12°42	12°27	1°32	27°45	S 7
M 8	5 9 14	16°23'22	9 Υ 26	0 궁 44	3°28	6°43	29°52	17°26	18°32	26°30	2°50	12°42	12°24	1°39	27°47	M 8
T 9	5 13 11	17°24'16	21°47	2°15	4°25	7°22	0 才 5	17°32	18°35	26°32	2°49	12°43	12°21	1°45	27°49	T 9
W10	5 17 8	18°25'10	4826	3°45	5°23	8° 0	0°18	17°39	18°39	26°34	2°48	12°43	12°18	1°52	27°51	W10
T 11	5 21 4	19°26'05	17°26	5°14	6°19	8°39	0°31	17°45	18°42	26°36	2°47	12°44	12°15	1°59	27°53	T 11
F 12	5 25 1	20°27'01	0 Ⅱ 47	6°43	7°15	9°18	0°44	17°52	18°45	26°38	2°46	12°44	12°12	2° 5	27°55	F 12
S 13	5 28 57	21°27'58	14°29	8°11	8°11	9°57	0°57	17°58	18°48	26°40	2°45	12°R44	12° 8	2°12	27°58	S 13
S 14	5 32 54	22°28'56	28°30	9°39	9° 6	10°36	1°10	18° 4	18°52	26°42	2°44	12°44	12° 5	2°19	28° 0	S 14
M15	5 36 50	23°29'55	129546	11° 5	10° 0	11°14	1°23	18°11	18°55	26°44	2°42	12°43	12° 2	2°26	28° 2	M15
T 16	5 40 47	24°30'54	27°13	12°30	10°54	11°53	1°35	18°17	18°58	26°46	2°41	12°42	11°59	2°32	28° 5	T 16
W17	5 44 43	25°31'54	11 £ 43	13°54	11°47	12°32	1°48	18°23	19° 1	26°48	2°40	12°40	11°56	2°39	28° 7	W17
T 18	5 48 40	26°32'56	26°13	15°17	12°39	13°11	2° 1	18°30	19° 5	26°50	2°39	12°39	11°53	2°46	28° 9	T 18
F 19	5 52 37	27°33'58	10 m 36	16°37	13°31	13°50	2°14	18°36	19° 8	26°52	2°38	12°37	11°49	2°53	28°12	F 19
S 20	5 56 33	28°35'01	24°50	17°56	14°22	14°28	2°26	18°42	19°12	26°54	2°36	12°D37	11°46	2°59	28°15	S 20
S 21	6 0 30	29°36'05	8 ₾ 52	19°12	15°12	15° 7	2°39	18°48	19°15	26°56	2°35	12°37	11°43	3° 6	28°17	S 21
M22	6 4 26	0 ප 37'10	22°40	20°25	16° 1	15°46	2°51	18°54	19°18	26°58	2°34	12°38	11°40	3°13	28°20	M22
T 23	6 8 23	1°38'16	6 M .16	21°34	16°49	16°25	3° 4	19° 0	19°22	27° 0	2°33	12°39	11°37	3°19	28°23	T 23
W24	6 12 19	2°39'23	19°38	22°40	17°37	17° 4	3°16	19° 6	19°25	27° 2	2°32	12°41	11°33	3°26	28°25	W24
T 25	6 16 16	3°40'30	2 √ 48	23°41	18°23	17°43	3°29	19°12	19°29	27° 4	2°30	12°42	11°30	3°33	28°28	T 25
F 26	6 20 12	4°41'38	15°45	24°36	19° 9	18°22	3°41	19°17	19°32	27° 7	2°29	12°R42	11°27	3°40	28°31	F 26
S 27	6 24 9	5°42'47	28°29	25°26	19°54	19° 0	3°53	19°23	19°36	27° 9	2°28	12°41	11°24	3°46	28°34	S 27
S 28	6 28 6	6°43'55	11る 2	26° 8	20°37	19°39	4° 6	19°29	19°39	27°11	2°27	12°39	11°21	3°53	28°37	S 28
M29	6 32 2	7°45'05	23°24	26°43	21°20	20°18	4°18	19°34	19°43	27°13	2°26	12°36	11°18	4° 0	28°40	M29
T 30	6 35 59	8°46'14	5≈35	27° 9	22° 1	20°57	4°30	19°40	19°46	27°15	2°24	12°31	11°14	4° 7	28°43	T 30
W31	6 39 55	9 る 47'23	17 ≈ 38	27 궁 25	22≈41	21 M 36	4 ₹ 42	19 M .45	19 る 50	27 궁 17	29523	12 × 26	11711	4 ∺ 13	28≈46	W31

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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
M 1		19 s43	-	24 s54		23 s39		11 s26		19s 0	0n47	-		22 s37		20 s25			6s 9		22 s 19	6 s 2 7	6 s42	5n57
T 2		16 58	3 44		1 56			11 40		19 3		14 46		22 36		20 24		17 14	6 9		22 18	6 24	6 42	5 57
W 3		13 33	-	-	2 0			11 53	0 50			14 48	2 9			20 24		17 14	6 9		22 18	6 22	6 42	5 57
T 4	22 15				2 3		2 46			19 9	0 47			22 35		20 24			6 9		22 17	6 19	6 42	5 56
F 5	22 23	5 22			2 6			12 20 12 33		19 12	0 47					20 23		17 14	6 9		22 17	6 17	6 41	5 56
S 6	22 30	0 54	5 1/	25 33	2 9	22 25	2 41	12 33	0 49	19 15	0 4/	14 54	2 9	22 35	0 26	20 23	0 28	17 14	6 9	22 18	22 17	6 14	6 41	5 55
S 7	22 37	3n37		25 37	2 12			12 46		19 18		14 55	2 9	_		20 23		17 14	6 9		22 16	6 12	6 41	5 55
M 8	22 43	8 4		25 39		21 52		13 0		19 20	0 47			22 34		20 22			6 9	-	22 16	6 9	6 41	5 55
T 9	22 49			25 40		21 35		13 12		19 23		14 59		22 33		20 22			6 9		22 15	6 7	6 40	5 54
W10			-	25 39		21 18		13 25		19 26	0 47			22 33		20 22			6 9	_	22 15	6 4	6 40	5 54
T 11		19 11		25 37	2 18			13 38		19 29	0 47	-		_		20 21	0 28		6 9	-	22 14	6 2	6 40	5 53
F 12		21 22		25 34	2 19			13 51		19 31	0 47	-	2 9			20 21	0 28		6 9		22 14	5 59	6 39	5 53
S 13	23 9	22 21	0s10	25 29	2 19	20 24	2 16	14 3	0 46	19 34	0 47	15 6	2 9	22 31	0 26	20 21	0 28	17 14	6 9	22 18	22 14	5 57	6 39	5 53
S 14	23 12	21 58	1 26	25 22	2 19	20 5	2 12	14 16	0 45	19 37	0 47	15 7	2 10	22 31	0 26	20 20	0 28	17 14	6 9	22 18	22 13	5 54	6 38	5 52
M15	23 15	20 10	2 39	-	2 18	19 46	2 7	14 28		19 39	0 47			22 31		20 20		17 14	6 9	_	22 13	5 52	6 38	5 52
T 16	23 18				2 16		2 3	1		19 42	0 47	-		22 30		20 20		17 14	6 9		22 12	5 49	6 38	5 52
W17		12 54	-	24 54	2 14			14 53		19 44	0 47	-		22 30		20 19		17 15	6 9		22 12	5 47	6 37	5 51
T 18	23 22	8 1		24 43	2 11		1 52			19 47	0 47			22 29		20 19		17 15	6 9		22 12	5 44	6 37	5 51
F 19	23 24	2 43	-		2 7			15 17		19 49	0 47			22 29		20 19		17 15	6 9		22 11	5 42	6 36	5 50
S 20	23 25	2 s41	5 9	24 15	2 3	18 7	1 41	15 29	0 43	19 52	0 47	15 17	2 10	22 28	0 26	20 18	0 28	17 15	6 9	22 17	22 11	5 39	6 36	5 50
S 21	23 25	7 51	4 44	23 59	1 58	17 47	1 35	15 41	0 42	19 54	0 47	15 19	2 10	22 28	0 26	20 18	0 28	17 15	6 9	22 17	22 10	5 36	6 35	5 50
M22	23 25	12 33	4 2	23 42	1 51	17 26	1 29	15 52	0 42	19 57	0 47	15 20	2 10	22 27	0 26	20 17	0 28	17 15	6 9	22 17	22 10	5 34	6 34	5 49
T 23	23 24	16 33	3 8	23 24	1 44	17 5	1 22	16 4	0 42	19 59	0 47	15 22	2 11	22 27	0 26	20 17	0 28	17 15	6 9	22 18	22 9	5 31	6 34	5 49
W24	23 23	19 37		23 6			1 16	16 16	0 41			15 23	2 11			20 17		17 15	6 9	22 18		5 29	6 33	5 49
T 25		21 35		22 47	1 27			16 27		20 4		15 25		22 26		20 16			6 9	22 18		5 26	6 33	5 48
F 26		22 23		22 27	1 17			16 38		20 6		15 26		22 25		20 16			6 9			5 24	6 32	5 48
S 27	23 18	21 59	1 26	22 7	1 6	15 41	0 54	16 49	0 40	20 9	0 47	15 27	2 11	22 25	0 26	20 15	0 28	17 15	6 9	22 18	22 8	5 21	6 31	5 48
S 28	23 15	20 28	2 30	21 47	0 53	15 20	0 46	17 0	0 39	20 11	0 47	15 29	2 11	22 24	0 26	20 15	0 28	17 15	6 8	22 18	22 7	5 19	6 30	5 47
M29	23 11	18 1	3 25	21 27	0 40	14 59	0 38	17 11	0 39	20 13	0 47	15 30	2 11	22 24	0 26	20 15	0 28	17 15	6 8	22 17	22 7	5 16	6 30	5 47
T 30		14 48	4 10	21 7	0 25	14 37	0 29	17 22	0 38	20 15	0 47	15 32		22 23		20 14	0 28	17 15	6 8			-	6 29	5 47
W31	23 s 3	11s 1	4n44	20 s48	0s 9	14s16	0s21	17 s32	0n38	20s17	0n47	15 s33	2n12	$22\mathrm{s}23$	0 s 2 6	20s14	0n28	17n16	6s 8	22 s16	22 s 6	5 s 1 1	6 s 2 8	5n46

Julian Day Number = 2510318.5, Delta T = 129.47 sec Ecliptic obliquity = 23°25'03, Nutation = 0°00'16, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $26^{\circ}59'20$, Lahiri = $26^{\circ}06'20$