

Astrodienst Ephemeris Tables for the year 2166

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 2166 00:00 UT

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Day	Sid.t	0	D	ğ	φ	ð	4	ħ)∤(¥	В	n	S	Ç	ķ	Day
W 1	6 43 0	10 ට 34'46	24 ∡ ³36	20 ට 26	0 ∡ 746	8°R12	24 Y 50	10 ට 59	9≈21	7≈57	7°R54	3°R 3	4 Mp 26	27 m /41	19) 35	W 1
T 2	6 46 57	11°35'56	8 云 17	22° 3	1°18	79548	24°53	11° 6	9°24	7°59	7 9 53	2 m 54	4°23	27°48	19°37	T 2
F 3	6 50 54	12°37'06	22°15	23°40	1°51	7°25	24°56	11°13	9°28	8° 1	7°51	2°46	4°20	27°55	19°39	F 3
S 4	6 54 50	13°38'16	6≈24	25°17	2°26	7° 2	24°59	11°20	9°31	8° 3	7°50	2°41	4°17	28° 1	19°41	S 4
S 5	6 58 47	14°39'26	20°41	26°53	3° 2	6°40	25° 2	11°27	9°34	8° 6	7°49	2°38	4°13	28° 8	19°43	S 5
M 6	7 2 43	15°40'36	4) 59	28°30	3°39	6°17	25° 6	11°34	9°37	8° 8	7°48	2°D37	4°10	28°15	19°45	M 6
T 7	7 6 40	16°41'45	19°17	0≈ 6	4°18	5°55	25°10	11°41	9°41	8°10	7°47	2°38	4° 7	28°21	19°47	T 7
W 8	7 10 36	17°42'54	3 Υ30	1°42	4°58	5°34	25°13	11°49	9°44	8°12	7°45	2°40	4° 4	28°28	19°49	W 8
T 9	7 14 33	18°44'03	17°38	3°17	5°39	5°13	25°18	11°56	9°47	8°14	7°44	2°R40	4° 1	28°35	19°51	T 9
F 10	7 18 29	19°45'11	1 8 39	4°52	6°21	4°53	25°22	12° 3	9°51	8°16	7°43	2°40	3°58	28°41	19°53	F 10
S 11	7 22 26	20°46'19	15°31	6°25	7° 5	4°33	25°26	12°10	9°54	8°19	7°42	2°37	3°54	28°48	19°56	S 11
S 12	7 26 23	21°47'27	29°15	7°57	7°49	4°14	25°31	12°17	9°57	8°21	7°41	2°32	3°51	28°55	19°58	S 12
M13	7 30 19	22°48'34	12 Ⅱ 49	9°28	8°35	3°55	25°36	12°24	10° 1	8°23	7°39	2°26	3°48	29° 1	20° 0	M13
T 14	7 34 16	23°49'41	26°11	10°57	9°21	3°37	25°41	12°31	10° 4	8°25	7°38	2°20	3°45	29° 8	20° 3	T 14
W15	7 38 12	24°50'47	99520	12°23	10° 8	3°20	25°46	12°38	10°8	8°27	7°37	2°13	3°42	29°15	20° 5	W15
T 16	7 42 9	25°51'53	22°14	13°47	10°56	3° 3	25°51	12°45	10°11	8°30	7°36	2° 7	3°38	29°21	20° 8	T 16
F 17	7 46 5	26°52'58	4 Ω 54	15° 7	11°45	2°47	25°57	12°52	10°15	8°32	7°35	2° 2	3°35	29°28	20°10	F 17
S 18	7 50 2	27°54'03	17°20	16°23	12°35	2°32	26° 2	12°59	10°18	8°34	7°34	1°59	3°32	29°35	20°13	S 18
S 19	7 53 59	28°55'08	29°32	17°35	13°26	2°17	26° 8	13° 6	10°21	8°36	7°33	1°D58	3°29	29°41	20°15	S 19
M20	7 57 55	29°56'12	11 m 33	18°42	14°17	2° 4	26°14	13°13	10°25	8°39	7°31	1°59	3°26	29°48	20°18	M20
T 21	8 1 52	0≈57'16	23°26	19°42	15°10	1°51	26°21	13°19	10°28	8°41	7°30	2° 0	3°23	29°55	20°21	T 21
W22	8 5 48	1°58'20	5 ≏ 15	20°36	16° 2	1°39	26°27	13°26	10°32	8°43	7°29	2° 2	3°19	0 亞 1	20°24	W22
T 23	8 9 45	2°59'23	17° 4	21°21	16°56	1°27	26°34	13°33	10°35	8°45	7°28	2° 4	3°16	0° 8	20°26	T 23
F 24	8 13 41	4° 0'26	28°58	21°59	17°50	1°17	26°40	13°40	10°39	8°48	7°27	2°R 5	3°13	0°15	20°29	F 24
S 25	8 17 38	5° 1'28	11 m 2	22°26	18°45	1° 7	26°47	13°47	10°42	8°50	7°26	2° 5	3°10	0°21	20°32	S 25
S 26	8 21 34	6° 2'30	23°21	22°44	19°41	0°58	26°54	13°53	10°46	8°52	7°25	2° 3	3° 7	0°28	20°35	S 26
M27	8 25 31	7° 3'32	6 ₹ 0	22°R50	20°37	0°50	27° 1	14° 0	10°49	8°54	7°24	2° 1	3° 3	0°35	20°38	M27
T 28	8 29 28	8° 4'33	19° 1	22°45	21°33	0°43	27° 9	14° 7	10°53	8°57	7°23	1°58	3° 0	0°41	20°41	T 28
W29	8 33 24	9° 5'34	2 る 28	22°29	22°30	0°36	27°16	14°14	10°56	8°59	7°22	1°54	2°57	0°48	20°44	W29
T 30	8 37 21	10° 6'34	16°18	22° 2	23°28	0°30	27°24	1 <u>4</u> °20	11° 0	9° 1	7°21	1°51	2°54	0°55	20°47	T 30
F 31	8 41 17	11≈ 7'33	0≈32	21≈23	24 × ⁷ 26	0926	27 Y 32	14 궁 27	11≈ 3	9≈ 4	79520	1 M p48	2 m 51	1₽ 1	20 ∺ 50	F 31

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W 1	23 s 0		-	24s 0					3n40	8n26		22 s25		18 s29		18s 7				10n23	9n52	2n47	0s12	-
T 2 F 3	22 55 22 49	-		23 45 23 29	2 10 2 10			26 52 26 54	3 41 3 42	8 27 8 28		22 24 22 24		18 28 18 28		18 7 18 6				10 26 10 29	9 54 9 55	2 45 2 43	0 12 0 11	4 15 4 15
S 4		16 27		23 11	2 9		-	26 56	3 42	8 30		22 23		18 27	0 37		1 1			10 29	9 56	2 41	0 11	4 15
S 5	22 37	13 34	1 4	22 51	2 8	16 32	4 17	26 58	3 44	8 31	1 15	22 23	0 33	18 26	0 37	18 5	0 9	18 39	4 32	10 32	9 57	2 40	0 10	4 14
M 6	22 30			22 30	-	16 37	4 19		3 44	8 33	-	22 22		18 25						10 32		2 38	0 10	4 14
T 7	22 22				2 4		4 21		3 45	8 34		22 22		18 24						10 31	9 59	2 36	0 9	4 14
W 8	22 15	-		21 44			4 22		3 46	8 36		22 21		18 23		-				10 31		2 34	0 8	4 14
T 9	22 6	3n32		21 18			4 23		3 46	8 38		22 21		18 22						10 31		2 32	0 8	4 13
	21 58			20 52	1 53		4 23		3 46	8 40		22 20		18 21	0 37					10 31		2 30	0 7	4 13
S 11	21 49	11 44	4 56	20 24	1 48	17 8	4 24	21 1	3 47	8 41	1 13	22 19	0 32	18 20	0 37	18 2	0 8	18 40	4 32	10 32	10 4	2 28	0 7	4 13
S 12	21 39	14 56	5 9	19 55	1 43	17 15	4 24	27 8	3 47	8 43	1 13	22 19	0 32	18 20	0 37	18 1	0 8	18 40	4 32	10 34	10 5	2 26	0 6	4 12
M13	21 29		-		1 36		4 24		3 47	8 45	1 13	-	0 32	-		-	0 8			10 36		2 24	0 5	4 12
	21 19		4 44	18 54	1 29	17 29	4 24		3 47	8 47	1 12			18 18		18 0		_		10 38		2 22	0 5	4 12
W15	21 8	18 58	4 8	18 22	1 21	17 36	4 23		3 47	8 50	1 12	-		18 17	0 37			18 41				2 20	0 4	4 12
T 16		18 18			1 12		4 23		3 47	8 52	1 12			18 16						10 43		2 19	0 3	4 11
F 17	20 46				1 2		4 22		3 46	8 54	1 11	-		18 15				_		10 44		2 17	0 2	4 11
S 18	20 34	14 22	1 19	16 43	0 51	17 58	4 21	27 10	3 46	8 56	1 11	22 15	0 32	18 14	0 37	17 58	0 8	18 41	4 31	10 45	10 12	2 15	0 2	4 11
S 19	20 21	11 25	0 13	16 10	0 39	18 6	4 19	27 10	3 46	8 59	1 11	22 15	0 32	18 13	0 37	17 57	0 8	18 41	4 31	10 46	10 13	2 13	0 1	4 11
M20	20 9	8 2	0n52	15 38	0 27	18 13	4 18	27 9	3 45	9 1	1 11	22 14	0 32	18 12	0 37	17 57	0 8	18 42	4 31	10 46	10 14	2 11	0n 0	4 10
T 21	19 56	4 22	1 55	15 6	0 13	18 20	4 16	27 9	3 45	9 4	1 10	22 13	0 32	18 11	0 37	17 56	0 8	18 42	4 31	10 45	10 15	2 9	0 1	4 10
W22	19 42	0 34	2 53	14 35	0n 2	18 28	4 15	27 9	3 44	9 6	1 10	22 13	0 32	18 10	0 37	17 56	0 8	18 42	4 31	10 44	10 17	2 7	0 2	4 10
T 23	19 28	3 s 1 6	-	-	0 17	18 35	4 13		3 44	9 9	1 10			-		17 55		-		10 44		2 5	0 3	4 10
F 24	19 14			13 38	0 34		4 11		3 43	9 12	1 10					17 55		-		10 43		2 3	0 4	4 10
S 25	18 59	10 28	4 54	13 13	0 50	18 49	4 8	27 7	3 42	9 14	1 9	22 11	0 31	18 7	0 37	17 54	0 8	18 42	4 31	10 43	10 20	2 1	0 4	4 9
S 26	18 45	13 34	5 11	12 51	1 8	18 56	4 6	27 6	3 41	9 17	1 9	22 10	0 31	18 6	0 37	17 53	0 8			10 44		1 59	0 5	4 9
M27	18 29			12 32	1 26	19 2	4 3		3 41	9 20	1 9	-								10 45		1 57	0 6	4 9
T 28		17 58			1 44		4 1	27 4	3 40	9 23	1 8		0 31			17 52				10 46		1 56	0 7	4 9
W29		18 52		-	2 1		3 58		3 39	9 26	1 8		0 31			17 52				10 47		1 54	0 8	4 8
T 30		18 42		11 58			3 55		3 38	9 29	1 8		0 31	18 3		17 51				10 48		1 52	0 9	4 8
F 31	17 s25	17 s21	2n44	11 s55	2n35	19s26	3n52	27n 2	3n37	9n32	1 s 8	22 s 7	0n31	18s 2	0s37	17s50	0n 8	18n43	4 s 3 0	10n49	10n27	1n50	0n10	4n 8

Julian Day Number = 2512175.5, Delta T = 133.32 sec Ecliptic obliquity = $23^{\circ}24'55$, Nutation = - $0^{\circ}00'07$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $27^{\circ}03'36$, Lahiri = $26^{\circ}10'36$

FEBRUARY 2166 00:00 UT

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S 1	8 45 14	12≈ 8'31	15≈ 3	20°R35	25 × 25	0°R22	27 Y 40	14 궁 33	11≈ 7	9≈ 6	7°R19	1°R46	2 Mp 48	1 º 8	20 ∺ 53	S 1
S 2	8 49 10	13° 9'28	29°45	19≈37	26°24	0918	27°48	14°40	11°10	9° 8	79518	1°D46	2°44	1°15	20°56	S 2
M 3	8 53 7	14°10'25	14) (32	18°33	27°23	0°16	27°56	14°46	11°14	9°10	7°17	1 Mp 46	2°41	1°21	20°59	M 3
T 4	8 57 3	15°11'20	29°17	17°24	28°23	0°14	28° 5	14°53	11°17	9°13	7°16	1°47	2°38	1°28	21° 2	T 4
W 5	9 1 0	16°12'13	13 Y 52	16°11	29°23	0°13	28°13	14°59	11°21	9°15	7°15	1°48	2°35	1°35	21° 6	W 5
T 6	9 4 57	17°13'06	28°15	14°57	0る24	0°D13	28°22	15° 6	11°24	9°17	7°14	1°49	2°32	1°41	21° 9	T 6
F 7	9 8 53	18°13'57	12822	13°44	1°25	0°14	28°31	15°12	11°28	9°19	7°13	1°R50	2°29	1°48	21°12	F 7
S 8	9 12 50	19°14'46	26°11	12°35	2°27	0°15	28°40	15°18	11°31	9°22	7°12	1°50	2°25	1°54	21°16	S 8
S 9	9 16 46	20°15'35	9 Ⅱ 43	11°29	3°28	0°17	28°49	15°25	11°35	9°24	7°12	1°49	2°22	2° 1	21°19	S 9
M10	9 20 43	21°16'21	22°59	10°30	4°31	0°20	28°58	15°31	11°38	9°26	7°11	1°48	2°19	2°8	21°22	M10
T 11	9 24 39	22°17'07	5959	9°38	5°33	0°24	29° 8	15°37	11°42	9°28	7°10	1°47	2°16	2°14	21°26	T 11
W12	9 28 36	23°17'51	18°45	8°53	6°36	0°28	29°17	15°43	11°45	9°31	7° 9	1°45	2°13	2°21	21°29	W12
T 13	9 32 32	24°18'33	1 Ω 18	8°16	7°39	0°33	29°27	15°49	11°49	9°33	7° 8	1°44	2° 9	2°28	21°32	T 13
F 14	9 36 29	25°19'14	13°39	7°48	8°42	0°38	29°36	15°55	11°52	9°35	7° 8	1°44	2° 6	2°34	21°36	F 14
S 15	9 40 26	26°19'53	25°51	7°27	9°46	0°45	29°46	16° 1	11°56	9°37	7° 7	1°43	2° 3	2°41	21°39	S 15
S 16	9 44 22	27°20'31	7 m 53	7°15	10°50	0°52	29°56	16° 7	11°59	9°40	7° 6	1°D43	2° 0	2°48	21°43	S 16
M17	9 48 19	28°21'08	19°49	7°D 9	11°54	0°59	0 8 6	16°13	12° 2	9°42	7° 5	1°44	1°57	2°54	21°46	M17
T 18	9 52 15	29°21'43	1 ≏ 40	7°12	12°59	1° 7	0°17	16°19	12° 6	9°44	7° 5	1°44	1°54	3° 1	21°50	T 18
W19	9 56 12	0 ∺ 22'17	13°29	7°21	14° 3	1°16	0°27	16°25	12° 9	9°46	7° 4	1°44	1°50	3° 8	21°53	W19
T 20	10 0 8	1°22'50	25°18	7°36	15° 8	1°26	0°37	16°30	12°13	9°48	7° 3	1°R44	1°47	3°14	21°57	T 20
F 21	10 4 5	2°23'22	7 m 13	7°57	16°14	1°36	0°48	16°36	12°16	9°50	7° 3	1°44	1°44	3°21	22° 1	F 21
S 22	10 8 1	3°23'52	19°16	8°24	17°19	1°46	0°59	16°42	12°19	9°53	7° 2	1°44	1°41	3°28	22° 4	S 22
S 23	10 11 58	4°24'21	1 ₹ 32	8°55	18°25	1°57	1° 9	16°47	12°23	9°55	7° 2	1°D44	1°38	3°34	22° 8	S 23
M24	10 15 54	5°24'49	14° 6	9°32	19°31	2° 9	1°20	16°53	12°26	9°57	7° 1	1°44	1°35	3°41	22°11	M24
T 25	10 19 51	6°25'15	27° 2	10°12	20°37	2°21	1°31	16°58	12°29	9°59	7° 0	1°44	1°31	3°48	22°15	T 25
W26	10 23 48	7°25'40	10 궁 22	10°57	21°43	2°34	1°42	17° 4	12°32	10° 1	7° 0	1°45	1°28	3°54	22°19	W26
T 27	10 27 44	8°26'04	24° 9	11°45	22°50	2°47	1°53	17° 9	12°36	10° 3	6°59	1°45	1°25	4° 1	22°22	T 27
F 28	10 31 41	9 米 26'26	8 ≈ 23	12 ≈ 37	23 궁 56	3 95 1	2 8 5	17 る 14	12 ≈ 39	10≈ 5	6959	1 M 46	1 m 22	4 º 8	22 米 26	F 28

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S 1	17s 8	14 s51	1n31	11s56	2n50	19s31	3n49	27n 1	3n36	9n35	1 s 7	22s 6	0n31	18s 1	0s37	17s50	0n 8	18n43	4s30	10n50	10n28	1n48	0n11	4n 8
S 2	16 51	11 22	0 11	12 0	3 4	19 36	3 46	27 0	3 35	9 38	1 7	22 6	0 31	18 0	0 37	17 49	0 8	18 44	4 30	10 50	10 29	1 46	0 12	4 8
M 3	16 34	7 10	1s10	12 9	3 15	19 41	3 42	26 58	3 34	9 41	1 7	22 5	0 31	17 59	0 37	17 49	0 8	18 44	4 30	10 50	10 30	1 44	0 13	4 7
T 4	16 16	2 32	2 27	12 21	3 25	19 46	3 39	26 57	3 32	9 45	1 7	22 4	0 31	17 58	0 37	17 48	0 8	18 44	4 29	10 50	10 32	1 42	0 14	4 7
W 5	15 58	2n12	3 33	12 36	3 32	19 50	3 35	26 56	3 31	9 48	1 6	22 4	0 31	17 57	0 37	17 48	0 8	18 44	4 29	10 49	10 33	1 40	0 16	4 7
T 6	15 40	6 43	4 24	12 53	3 37	19 53	3 32	26 55	3 30	9 51	1 6	22 3	0 31	17 56	0 37	17 47	0 8	18 44	4 29	10 49	10 34	1 38	0 17	4 7
F 7	15 21	10 47	4 59	13 11	3 39	19 57	3 28	26 54	3 29	9 55	1 6	22 2	0 31	17 55	0 37	17 46	0 8	18 44	4 29	10 49	10 35	1 36	0 18	4 7
S 8	15 2	14 10	5 15	13 31	3 39	19 59	3 24	26 53	3 28	9 58	1 6	22 2	0 31	17 54	0 37	17 46	0 8	18 45	4 29	10 49	10 36	1 34	0 19	4 6
S 9	14 43	16 43	5 14	13 51	3 36	20 2	3 20	26 51	3 26	10 1	1 5	22 1	0 31	17 53	0 37	17 45	0 8	18 45	4 29	10 49	10 37	1 32	0 20	4 6
M10	14 24	18 18	4 56	14 11	3 32	20 4	3 16	26 50	3 25	10 5	1 5	22 (0 31	17 52	0 37	17 45	0 8	18 45	4 29	10 49	10 38	1 30	0 21	4 6
T 11	14 4	18 55	4 22	14 31	3 26	20 6	3 12	26 49	3 24	10 8	1 5	22 (0 31	17 51	0 37	17 44	0 8	18 45	4 29	10 50	10 39	1 28	0 22	4 6
W12	13 44	18 32	3 37	14 50	3 18	20 7	3 8	26 48	3 23	10 12	1 5	21 59	0 31	17 50	0 37	17 43	0 8	18 45	4 28	10 50	10 41	1 26	0 24	4 6
T 13	13 24	17 14	2 41	15 8	3 9	20 8	3 4	26 46	3 21	10 16	1 4	21 58	0 31	17 49	0 37	17 43	0 8	18 45	4 28	10 51	10 42	1 25	0 25	4 6
F 14	13 4	15 8	1 39	15 25	2 58	20 8	3 0	26 45	3 20	10 19	1 4	21 58	0 31	17 48	0 37	17 42	0 8	18 46	4 28	10 51	10 43	1 23	0 26	4 5
S 15	12 44	12 23	0 33	15 41	2 47	20 8	2 56	26 44	3 19	10 23	1 4	21 57	0 30	17 47	0 37	17 42	0 8	18 46	4 28	10 51	10 44	1 21	0 27	4 5
S 16	12 23	9 8	0n34	15 56	2 36	20 8	2 51	26 42	3 18	10 27	1 4	21 56	0 30	17 46	0 37	17 41	0 8	18 46	4 28	10 51	10 45	1 19	0 28	4 5
M17	12 2	5 33	1 39	16 9	2 24	20 7	2 47	26 41	3 16	10 30	1 4	21 56	0 30	17 45	0 37	17 41	0 8	18 46	4 28	10 51	10 46	1 17	0 30	4 5
T 18	11 41	1 46	2 39	16 20	2 11	20 5	2 43	26 40	3 15	10 34	1 3	21 55	0 30	17 45	0 37	17 40	0 8	18 46	4 28	10 51	10 47	1 15	0 31	4 5
W19	11 20	2 s 3	3 32	16 30	1 59	20 3	2 38	26 38	3 14	10 38	1 3	21 54	0 30	17 44	0 37	17 39	0 8	18 47	4 27	10 51	10 49	1 13	0 32	4 5
T 20	10 58	5 48	4 16	16 38	1 46	20 1	2 34	26 37	3 12	10 42	1 3	21 54	0 30	17 43	0 37	17 39	0 8	18 47	4 27	10 51	10 50	1 11	0 33	4 5
F 21	10 37	9 21	4 49	16 45	1 34	19 58	2 29	26 35	3 11	10 46	1 3	21 53	0 30	17 42	0 37	17 38	0 8	18 47	4 27	10 51	10 51	1 9	0 35	4 4
S 22	10 15	12 32	5 10	16 50	1 21	19 54	2 25	26 34	3 10	10 50	1 3	21 52	0 30	17 41	0 37	17 38	0 8	18 47	4 27	10 51	10 52	1 7	0 36	4 4
S 23	9 53	15 15	5 18	16 54	1 9	19 50	2 20	26 32	3 8	10 53	1 2	21 52	0 30	17 40	0 37	17 37	0 8	18 47	4 27	10 51	10 53	1 5	0 37	4 4
M24	9 31	17 20	5 11	16 56	0 57	19 46	2 16	26 31	3 7	10 57	1 2	21 51	0 30	17 39	0 37	17 37	0 8	18 47	4 27	10 51	10 54	1 3	0 39	4 4
T 25	9 9	18 35	4 48	16 57	0 45	19 41	2 11	26 29	3 6	11 1	1 2	21 50	0 30	17 38	0 37	17 36	0 8	18 48	4 27	10 51	10 55	1 1	0 40	4 4
W26	8 46	18 53	4 9	16 56	0 34	19 35	2 6	26 28	3 4	11 5	1 2	21 50	0 30	17 37	0 37	17 35	0 8	18 48	4 26	10 51	10 56	0 59	0 41	4 4
T 27	8 24	18 4	3 14	16 53	0 22	19 29	2 2	26 26	3 3	11 9	1 2	21 49	0 30	17 36	0 37	17 35	0 8	18 48	4 26	10 50	10 58	0 57	0 43	4 4
F 28	8 s 1	16s 7	2n 6	16 s49	0n11	19 s23	1n57	26n25	3n 2	11n13	1 s 1	21 s49	0n30	17 s35	0s37	17s34	0n 8	18n48	4 s 2 6	10n50	10n59	0n55	0n44	4n 4

Julian Day Number = 2512206.5, Delta T = 133.39 sec Ecliptic obliquity = 23°24'55, Nutation = -0°00'06, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 27°03'40, Lahiri = 26°10'41

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M 3	10 43 30	12°27'23	23° 3	15°31	27°17	3°45	2°39	17°29	12°48	10°11	6°58	1°46	1°12	4°28	22°37	M 3
T 4	10 47 27	13°27'39	8 Υ 11	16°34	28°25	4° 1	2°51	17°34	12°52	10°13	6°57	1°45	1° 9	4°34	22°41	T 4
W 5	10 51 23	14°27'52	23°11	17°39	29°32	4°17	3° 3	17°39	12°55	10°15	6°57	1°43	1° 6	4°41	22°45	W 5
T 6	10 55 20	15°28'04	7 8 55	18°47	0≈40	4°34	3°14	17°44	12°58	10°17	6°56	1°42	1° 3	4°48	22°48	T 6
F 7	10 59 17	16°28'14	22°18	19°57	1°48	4°51	3°26	17°49	13° 1	10°19	6°56	1°40	1° 0	4°54	22°52	F 7
S 8	11 3 13	17°28'21	6 I I16	21° 9	2°56	5° 9	3°38	17°54	13° 4	10°21	6°56	1°39	0°56	5° 1	22°56	S 8
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M10	11 11 6	19°28'30	2959	23°38	5°12	5°45	4° 3	18° 3	13°10	10°25	6°55	1°39	0°50	5°14	23° 3	M10
T 11	11 15 3	20°28'31	15°49	24°55	6°20	6° 3	4°15	18° 7	13°13	10°27	6°55	1°41	0°47	5°21	23° 7	T 11
W12	11 18 59	21°28'31	28°20	26°14	7°29	6°23	4°27	18°12	13°16	10°28	6°55	1°42	0°44	5°28	23°11	W12
T 13	11 22 56	22°28'27	10 Ω 38	27°35	8°37	6°42	4°40	18°16	13°19	10°30	6°55	1°44	0°40	5°34	23°15	T 13
F 14	11 26 52	23°28'22	22°45	28°56	9°46	7° 2	4°52	18°20	13°22	10°32	6°54	1°45	0°37	5°41	23°18	F 14
S 15	11 30 49	24°28'15	4 Mp 44	0 ∺ 20	10°55	7°22	5° 5	18°25	13°25	10°34	6°54	1°R45	0°34	5°48	23°22	S 15
S 16	11 34 46	25°28'06	16°38	1°45	12° 4	7°43	5°17	18°29	13°27	10°36	6°54	1°44	0°31	5°54	23°26	S 16
M17	11 38 42	26°27'54	28°29	3°11	13°13	8° 3	5°30	18°33	13°30	10°37	6°54	1°42	0°28	6° 1	23°30	M17
T 18	11 42 39	27°27'41	10 ≏ 18	4°39	14°22	8°25	5°43	18°37	13°33	10°39	6°54	1°39	0°25	6° 8	23°33	T 18
W19	11 46 35	28°27'26	22° 8	6° 8	15°31	8°46	5°55	18°40	13°36	10°41	6°54	1°34	0°21	6°15	23°37	W19
T 20	11 50 32	29°27'09	4M 2	7°38	16°40	9° 8	6° 8	18°44	13°38	10°42	6°54	1°29	0°18	6°21	23°41	T 20
F 21	11 54 28	0 Υ 26'50	16° 0	9°10	17°50	9°30	6°21	18°48	13°41	10°44	6°D54	1°24	0°15	6°28	23°44	F 21
S 22	11 58 25	1°26'30	28° 6	10°42	18°59	9°53	6°34	18°52	13°44	10°46	6°54	1°20	0°12	6°35	23°48	S 22
S 23	12 221	2°26'08	10 × 23	12°17	20° 9	10°15	6°47	18°55	13°46	10°47	6°54	1°16	0° 9	6°41	23°52	S 23
M24	12 6 18	3°25'44	22°55	13°52	21°19	10°38	7° 0	18°59	13°49	10°49	6°54	1°14	0° 6	6°48	23°56	M24
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W26	12 14 11	5°24'51	18°57	17° 7	23°38	11°25	7°27	19° 5	13°54	10°52	6°54	1°14	29 Ω 59	7° 1	24° 3	W26
T 27	12 18 8	6°24'21	2≈34	18°47	24°48	11°49	7°40	19°8	13°56	10°53	6°54	1°16	29°56	7° 8	24° 7	T 27
F 28	12 22 4	7°23'51	16°37	20°27	25°58	12°13	7°53	19°11	13°59	10°55	6°54	1°17	29°53	7°15	24°10	F 28
S 29	12 26 1	8°23'18	1 ¥ 6	22° 9	27° 8	12°37	8° 7	19°14	14° 1	10°56	6°55	1°R18	29°50	7°21	24°14	S 29
S 30	12 29 57	9°22'43	15°58	23°53	28°19	13° 2	8°20	19°17	14° 4	10°58	6°55	1°17	29°46	7°28	24°18	S 30
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17 5 13 15 41 4 57 16 9 5 16 15 26 4 33 18 1 5 1 15 10 4 10 18 52 4 31 14 52 3 46 18 43 3 48 14 32 3 23 17 38 2 54 14 12 2 59 15 43 1 54 13 50 2 35 13 8 0 50 13 27 2 12 10 1 0n16 13 2 1 48 6 31 1 21 12 37 1 24 2 47 2 22 12 10 1 1 1 8 4 3 16 11 42 0 37 4 52 4 2 11 12 0 13 8 29 4 38 10 42 0 11 11 47 5 2 10 10 0 34 14 38 5 12 9 37 0 58 16 53 5 9 9 3 1 22 18 23 4 51 8 27 1 45 19 0 4 18 7 51 2 9 18 36 3 31 7 13 2 32 17 7 2 31 6 34 2 56 14 35 1 19 5 54 3 19 11 3 0 1 5 13 3 43 6 45 1 1519 4 31	7 s39	7 839 13 s 4 0n49 16 844 0n 1 19 s15 7 16 9 7 0s34 16 37 0s 9 19 8 6 53 4 32 1 55 16 29 0 19 19 0 6 30 0n21 3 9 16 19 0 29 18 51 6 7 5 9 4 8 16 8 0 38 18 42 5 43 9 33 4 50 15 55 0 47 18 32 5 20 13 17 5 13 15 41 0 55 18 22 4 57 16 9 5 16 15 26 1 3 18 11 1 4 10 18 52 4 31 14 52 1 18 17 48 3 46 18 43 3 48 14 32 1 25 17 36 3 23 17 38 2 54 14 12 1 32 17 23 2 59 15 43 1 54 13 50 1 38 17 10 2 35 13 8 0 50 13 27 1 43 16 56 2 12 10 1 0n16 13 2 1 49 16 42 1 49 16 42 1 48 6 31 1 21 12 37 1 54 16 28 1 55 75 74 2 2 12 14 14 2 2 2 15 57 0 37 4 52 4 2 11 12 2 6 15 57 5 40 12 15 77	7 839 13 s 4 0n49 16 844 0n 1 19 s 15 1n52 7 16 9 7 0s34 16 37 0s 9 19 8 1 48 6 53 4 32 1 55 16 29 0 19 19 0 19 0 1 43 6 30 0n21 3 9 16 19 0 29 18 51 1 34 5 43 9 33 4 50 15 55 0 47 18 32 1 29 5 20 13 17 5 13 15 41 0 55 18 22 1 25 4 57 16 9 5 16 15 26 1 3 18 11 1 20 4 33 18 1 5 1 15 10 1 11 18 0 1 15 4 10 18 52 4 31 14 52 1 18 17 48 1 11 3 23 17 38 2 54 14 12 1 32 17 23 1 2 2 59 15 43 1 54 13 50 1 38 17 10 0 57 2 12 10 1 0n16 13 2 1 49 16 42 0 48 1 48 6 31 1 21 23 7 1 54 16 28 0 44 1 24 2 47 2 22 12 10 1 58 16 12 0 39 1 1 1s 4 3 16 14 42 2 2 15 57 0 35 0 37 4 52 4 2 11 12 2 6	7 839 13 s 4 0n49 16 s44 0n 1 19 s15 1n52 26n23 7 16 9 7 0s34 16 37 0s 9 19 8 1 48 26 21 6 53 4 32 1 55 16 29 0 19 19 0 1 43 26 20 6 30 0n21 3 9 16 19 0 29 18 51 1 38 26 18 5 43 9 33 4 50 15 55 0 47 18 32 1 29 26 14 5 20 13 17 5 13 15 41 0 55 18 22 1 25 26 12 4 33 18 1 5 1 15 10 1 11 18 0 1 15	7 839 13 s 4 0n49 16 s44 0n 1 19 s15 1n52 26n23 3n 1 7 16 9 7 0s34 16 37 0s 9 19 8 1 48 26 21 2 59 6 53 4 32 1 55 16 29 0 19 19 0 1 43 26 20 2 58 6 30 0n21 3 9 16 19 0 29 18 51 1 38 26 18 2 57 5 43 9 33 4 50 15 55 0 47 18 32 1 26 12 2 53 5 20 13 17 5 13 15 41 0 55 18 22 1 25 26 12 2 53 4 57 16 9 5	7 s39 13 s 4 0n49 16 s44 0n 1 19 s15 1n52 26n23 3n 1 11n18 7 16 9 7 0s34 16 37 0s 9 19 8 1 48 26 21 2 59 11 22 26 30 0n21 3 9 16 19 0 29 18 51 1 38 26 18 2 57 11 30 6 7 5 9 4 8 16 8 0 38 18 42 1 34 26 16 2 55 11 34 5 43 9 33 4 50 15 55 0 47 18 32 1 29 26 14 2 54 11 38 5 20 13 17 5 13 15 41 0 55 18 22 1 25 26 12 2 53 11 43 4 57 16 9 5 16 15 26 1 3 18 11 1 20 26 10 2 52 11 47 4 33 18 1 5 1 15 10 1 11 18 0 1 15 26 8 2 50 11 51 4 10 18 52 4 31 14 52 1 18 17 48 1 11 26 6 2 49 11 55 3 46 18 43 3 48 14 32 1 25 17 36 1 6 26 4 2 48 12 0 3 23 17 38 2 54 14 12 1 32 17 23 1 2 26 2 2 47 12 4 2 59 15 43 1 54 13 50 1 38 17 10 0 57 26 0 2 45 12 8 2 35 13 8 0 50 13 27 1 43 16 56 0 53 25 58 2 44 12 12 2 12 10 1 0n16 13 2 1 49 16 42 0 48 25 55 2 43 12 17 1 48 6 31 1 21 12 37 1 54 16 28 0 44 25 53 2 42 12 2 1 1 1 1 1 1 1 1 1 1 1 1 1	7 s39 13 s 4 0n49 16 s44 0n 1 19 s15 1n52 26n23 3n 1 11 n18 1 s 1 7 16 9 7 0s34 16 37 0s 9 19 8 1 48 26 21 2 59 11 22 1 1 1 2	7 s 3 9	7 s39	7 39	7 s 39 13 s 4 0n49 16 s 44 0n 1 19 s 15 1n52 26n23 3n 1 11 n 18 1 s 1 21 s 48 0n30 17 s 34 0 s 37 7 16 9 7 0 s 34 16 37 0 s 9 19 8 1 48 26 21 2 59 11 22 1 1 21 47 0 30 17 34 0 37 6 53 4 32 1 55 16 29 0 19 19 0 1 43 26 20 2 58 11 26 1 1 21 47 0 30 17 33 0 37 6 30 0n21 3 9 16 19 0 29 18 51 1 38 26 18 2 57 11 30 1 1 21 46 0 30 17 32 0 37 6 7 5 9 4 8 16 8 0 38 18 42 1 34 26 16 2 55 11 34 1 0 21 46 0 30 17 31 0 37 5 43 9 33 4 50 15 55 0 47 18 32 1 29 26 14 2 54 11 38 1 0 21 45 0 30 17 30 0 37 4 57 16 9 5 16 15 26 1 3 18 11 1 20 26 10 2 52 11 47 1 0 21 44 0 30 17 28 0 37 4 57 16 9 5 16 15 26 1 3 18 11 1 20 26 10 2 52 11 47 1 0 21 44 0 30 17 28 0 37 4 10 18 52 4 31 14 52 1 18 17 48 1 11 20 26 6 2 49 11 55 0 59 21 43 0 30 17 22 0 37 3 46 18 43 3 48 14 32 1 25 17 36 1 6 26 4 2 48 12 0 0 59 21 41 0 30 17 24 0 37 2 35 13 8 0 50 13 27 1 43 16 56 0 53 25 58 2 44 12 13 2 37 1 43 16 56 0 53 25 58 2 44 12 13 2 37 1 43 16 56 0 53 25 58 2 44 12 15 2 5 2 5 2 5 2 4 2 5	7	739 138 4	739 138 4 0n49 16844 0n 1 19815 1n52 26n23 3n 1 11n18 1s 1 21848 0n30 1734 0s37 17834 0n 8 18n48 716 9 7 0s34 16 37 0s 9 19 8 1 48 26 21 2 59 11 22 1 1 21 47 0 30 17 34 0 37 17 33 0 8 18 48 48 6 53 4 32 1 55 16 29 0 19 19 0 1 43 26 20 2 58 11 26 1 1 21 47 0 30 17 33 0 37 17 33 0 8 18 49 6 30 0n21 3 9 16 19 0 29 18 51 1 38 26 18 2 57 11 30 1 1 21 46 0 30 17 32 0 37 17 32 0 8 18 49 5 43 9 33 4 50 15 55 0 47 18 32 1 29 26 14 2 54 11 38 1 0 21 46 0 30 17 30 0 37 17 32 0 8 18 49 5 20 13 17 5 13 15 41 0 55 18 22 1 25 26 12 2 53 11 43 1 0 21 44 0 30 17 30 0 37 17 31 0 8 18 49 4 57 16 9 5 16 15 26 1 3 18 11 1 20 26 10 2 52 11 47 1 0 21 44 0 30 17 28 0 37 17 30 0 8 18 49 4 33 18 1 5 1 15 10 1 11 18 0 1 15 26 8 2 50 11 51 1 0 21 44 0 30 17 28 0 37 17 30 0 8 18 50 4 10 18 43 3 48 14 32 1 25 17 36 1 6 26 4 2 48 12 50 0 59 21 44 0 30 17 27 0 37 17 29 0 8 18 50 3 25 15 43 1 54 1 3 50 1 38 17 48 1 11 26 6 2 4 2 48 12 50 0 59 21 44 0 30 17 28 0 37 17 29 0 8 18 50 3 25 1 4 3 1 54 1 3 50 1 38 17 48 1 11 26 6 2 4 2 48 12 50 0 59 21 44 0 30 17 28 0 37 17 29 0 8 18 50 3 25 1 4 3 1 54 1 3 50 1 38 17 48 1 11 26 6 2 4 2 48 12 50 0 59 21 44 0 30 17 28 0 37 17 29 0 8 18 50 3 25 1 3 4 3 1 54 1 3 50 1 38 17 48 1 11 26 6 2 4 2 48 12 50 0 59 21 44 0 30 17 28 0 37 17 29 0 8 18 50 3 25 1 3 4 3 1 54 1 3 50 1 38 17 48 1 4 52 1 57 3 52 5 5 5 2 43 1 2 1 2 1 4 5 3 50 1 3 2 1 1 2 1 4 5 3 50 1 3 2 1 4 3 3 5 3 5 5 3 2 42 1 2 1 2 3 5 5 3 2 41 1 2 1 3 2 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3	739 138 4 0nd 9 16844 0n 1 19815 1n52 26n23 3n 1 1n18 18 1 21848 0n30 17834 0n37 17834 0n 8 18n48 4826 653 432 1 55 16 29 0 19 19 0 1 43 26 20 2 58 11 26 1 1 21 47 0 30 17 33 0 37 17 33 0 8 18 48 4 26 6 30 30 3 3 3 3 3 3 3	739 138 4 0n49 16844 0n 1 19815 1082 26n23 3n 1 11n18 18 1 21 48 0n30 17 34 0 0 0 37 17 33 0 0 8 18 48 4 26 10 10 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Julian Day Number = 2512234.5, Delta T = 133.45 sec Ecliptic obliquity = $23^{\circ}24'56$, Nutation = - $0^{\circ}00'07$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $27^{\circ}03'44$, Lahiri = $26^{\circ}10'44$

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T 3	12 45 43	13°20'05	16°35	1 Y 0	3° 0	14°43	9°14	19°28	14°13	11° 3	6°56	0°58	29°34	7°55	24°32	T 3
F 4	12 49 40	14°19'20	1∏14	2°50	4°11	15° 9	9°28	19°31	14°15	11° 4	6°56	0°52	29°31	8° 1	24°36	F 4
S 5	12 53 37	15°18'33	15°25	4°41	5°21	15°35	9°42	19°33	14°17	11° 6	6°56	0°47	29°27	8° 8	24°39	S 5
S 6	12 57 33	16°17'44	29° 7	6°34	6°32	16° 1	9°55	19°35	14°19	11° 7	6°57	0°43	29°24	8°15	24°43	S 6
M 7	13 1 30	17°16'53	129521	8°29	7°42	16°28	10° 9	19°38	14°21	11°8	6°57	0°D42	29°21	8°21	24°47	M 7
T 8	13 5 26	18°15'59	25° 9	10°24	8°53	16°54	10°23	19°40	14°23	11° 9	6°58	0°42	29°18	8°28	24°50	T 8
W 9	13 9 23	19°15'02	7Ω 37	12°21	10° 4	17°21	10°37	19°42	14°25	11°10	6°58	0°43	29°15	8°35	24°54	W 9
T 10	13 13 19	20°14'04	19°48	14°20	11°15	17°48	10°51	19°44	14°27	11°11	6°58	0°44	29°12	8°41	24°57	T 10
F 11	13 17 16	21°13'03	1 m 48	16°20	12°26	18°15	11° 5	19°45	14°29	11°12	6°59	0°R45	29° 8	8°48	25° 0	F 11
S 12	13 21 12	22°12'00	13°40	18°21	13°37	18°43	11°19	19°47	14°31	11°13	6°59	0°44	29° 5	8°55	25° 4	S 12
S 13	13 25 9	23°10'55	25°29	20°23	14°48	19°10	11°33	19°49	14°32	11°14	7° 0	0°41	29° 2	9° 1	25° 7	S 13
M14	13 29 6	24° 9'47	7 ≙ 17	22°26	15°59	19°38	11°47	19°50	14°34	11°15	7° 0	0°35	28°59	9° 8	25°11	M14
T 15	13 33 2	25° 8'38	19°8	24°30	17°10	20° 6	12° 1	19°52	14°36	11°16	7° 1	0°27	28°56	9°15	25°14	T 15
W16	13 36 59	26° 7'26	1 m 2	26°36	18°21	20°34	12°15	19°53	14°37	11°17	7° 2	0°17	28°52	9°21	25°17	W16
T 17	13 40 55	27° 6'13	13° 2	28°41	19°32	21° 3	12°29	19°54	14°39	11°18	7° 2	0° 7	28°49	9°28	25°21	T 17
F 18	13 44 52	28° 4'57	25° 9	0 8 48	20°43	21°31	12°43	19°55	14°41	11°19	7° 3	29 N 56	28°46	9°35	25°24	F 18
S 19	13 48 48	29° 3'40	7 . ₹24	2°55	21°54	22° 0	12°57	19°56	14°42	11°20	7° 3	29°46	28°43	9°41	25°27	S 19
S 20	13 52 45	0 8 2'21	19°49	5° 2	23° 6	22°29	13°11	19°57	14°44	11°21	7° 4	29°37	28°40	9°48	25°31	S 20
M21	13 56 41	1° 1'01	2 ප 26	7° 8	24°17	22°57	13°25	19°58	14°45	11°21	7° 5	29°31	28°37	9°55	25°34	M21
T 22	14 0 38	1°59'39	15°18	9°15	25°28	23°27	13°39	19°59	14°46	11°22	7° 6	29°28	28°33	10° 1	25°37	T 22
W23	14 4 35	2°58'15	28°27	11°20	26°40	23°56	13°53	20° 0	14°48	11°23	7° 6	29°D26	28°30	10° 8	25°40	W23
T 24	14 8 31	3°56'49	11≈56	13°25	27°51	24°25	14° 8	20° 0	14°49	11°23	7° 7	29°26	28°27	10°15	25°43	T 24
F 25	14 12 28	4°55'22	25°47	15°28	29° 3	24°55	14°22	20° 1	14°50	11°24	7° 8	29°R27	28°24	10°21	25°46	F 25
S 26	14 16 24	5°53'53	10 米 1	17°29	0 Υ 14	25°24	14°36	20° 1	14°51	11°25	7° 9	29°27	28°21	10°28	25°49	S 26
S 27	14 20 21	6°52'23	24°38	19°29	1°26	25°54	14°50	20° 1	14°53	11°25	7° 9	29°24	28°17	10°35	25°52	S 27
M28	14 24 17	7°50'51	9 Ƴ 33	21°26	2°37	26°24	15° 5	20° 1	14°54	11°26	7°10	29°20	28°14	10°42	25°55	M28
T 29	14 28 14	8°49'17	24°40	23°20	3°49	26°54	15°19	20°R 1	14°55	11°26	7°11	29°12	28°11	10°48	25°58	T 29
W30	14 32 10	9 8 47'41	9 8 48	25 8 12	5 Υ 1	279524	15 8 33	20중 1	14≈56	11≈27	<i>79</i> 512	29⋒ 3	28 N 8	10 ≏ 55	26 米 1	W30

Day	0	D		ğ		ç)	C	7	2	+	ħ	l);	j (4	7	В)	n	v	Ç	لع	5
	decl	decl lat	d	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1	4n29	3n 2 3	s40 3	s 4	2s13	11 s34	0 s21	25n 5	2n24	13n32	0 s 5 6	21 s32	0n29	17 s11	0s38	17 s20	0n 8	18n53	4 s 2 1	11n 3	11n35	0s 8	1n29	4n 2
W 2	4 52	7 47 4	30 2	19	2 10	11 12	0 25	25 1	2 23	13 36	0 56	21 32	0 29	17 10	0 38	17 19	0 8	18 53	4 21	11 5	11 36	0 10	1 31	4 2
T 3	5 16	11 59 5	0 1	33	2 7	10 50	0 28	24 57	2 22	13 40	0 56	21 32	0 29	17 9	0 38	17 19	0 8	18 53	4 21	11 7	11 37	0 12	1 32	4 2
F 4	5 38	15 20 5	10 0	46	2 3	10 28	0 32	24 53	2 20	13 45	0 56	21 31	0 29	17 9	0 38	17 19	0 8	18 54	4 21	11 9	11 38	0 14	1 33	4 2
S 5	6 1	17 39 5	0 01	n 3	1 59	10 5	0 35	24 49	2 19	13 49	0 56	21 31	0 29	17 8	0 38	17 18	0 8	18 54	4 21	11 11	11 39	0 16	1 35	4 2
S 6	6 24	18 52 4	33 0	52	1 54	9 42	0 38	24 45	2 18	13 54	0 56	21 31	0 29	17 8	0 38	17 18	0 8	18 54	4 20	11 12	11 40	0 18	1 36	4 2
M 7	6 47	19 0 3	52 1	41	1 49	9 19	0 42	24 40	2 17	13 58	0 55	21 30	0 29	17 7	0 38	17 18	0 8	18 54	4 20	11 13	11 41	0 20	1 38	4 2
T 8	7 9	18 7 3	0 2	32	1 43	8 55	0 45	24 36	2 16	14 3	0 55	21 30	0 29	17 6	0 38	17 17	0 8	18 54	4 20	11 13	11 42	0 22	1 39	4 2
W 9	7 32	16 23 2	2 3	24	1 37	8 32	0 48	24 32	2 15	14 7	0 55	21 30	0 29	17 6	0 38	17 17	0 8	18 54	4 20	11 13	11 44	0 24	1 41	4 2
T 10	7 54	13 56 0	59 4	16	1 30	8 8	0 51	24 27	2 14	14 11	0 55	21 30	0 29	17 5	0 38	17 17	0 8	18 54	4 20	11 12	11 45	0 26	1 42	4 2
F 11	8 16	10 55 0	n 6 5	8	1 23	7 43	0 54	24 22	2 13	14 16	0 55	21 29	0 29	17 5	0 38	17 16	0 8	18 55	4 20	11 12	11 46	0 28	1 43	4 2
S 12	8 38	7 29 1	9 6	2	1 15	7 19	0 57	24 18	2 12	14 20	0 55	21 29	0 29	17 4	0 38	17 16	0 8	18 55	4 20	11 12	11 47	0 30	1 45	4 2
S 13	9 0	3 46 2	9 6	55	1 7	6 54	1 0	24 13	2 11	14 25	0 55	21 29	0 29	17 4	0 38	17 16	0 8	18 55	4 19	11 13	11 48	0 32	1 46	4 2
M14	9 22	0s 5 3	3 7	49	0 58	6 29	1 2	24 8	2 10	14 29	0 55	21 29	0 29	17 3	0 38	17 16	0 8	18 55	4 19	11 15	11 49	0 34	1 48	4 2
T 15	9 43	3 56 3	50 8	44	0 49	6 4	1 5	24 3	2 9	14 33	0 55	21 29	0 29	17 3	0 38	17 15	0 8	18 55	4 19	11 18	11 50	0 36	1 49	4 2
W16	10 5	7 40 4	26 9	38	0 40	5 38	1 8	23 57	2 8	14 38	0 55	21 28	0 29	17 3	0 38	17 15	0 8	18 55	4 19	11 22	11 51	0 38	1 50	4 2
T 17	10 26	11 6 4	51 10	32	0 30	5 13	1 10	23 52	2 7	14 42	0 54	21 28	0 29	17 2	0 38	17 15	0 8	18 55	4 19	11 25	11 52	0 40	1 52	4 2
F 18	10 47	14 7 5	3 11	26	0 20	4 47	1 12	23 47	2 7	14 47	0 54	21 28	0 29	17 2	0 39	17 15	0 8	18 55	4 19	11 29	11 53	0 42	1 53	4 2
S 19	11 8	16 34 5	2 12	20	0 9	4 21	1 15	23 41	2 6	14 51	0 54	21 28	0 28	17 1	0 39	17 14	0 8	18 55	4 19	11 33	11 55	0 44	1 54	4 2
S 20	11 28	18 16 4	46 13	13	0n 2	3 55	1 17	23 36	2 5	14 55	0 54	21 28	0 28	17 1	0 39	17 14	0 8	18 56	4 18	11 36	11 56	0 46	1 56	4 3
M21	11 49	19 8 4	16 14	- 5	0 12	3 29	1 19	23 30	2 4	15 0	0 54	21 28	0 28	17 1	0 39	17 14	0 8	18 56	4 18	11 38	11 57	0 48	1 57	4 3
T 22	12 9	19 1 3	33 14	- 56	0 23	3 2	1 21	23 24	2 3	15 4	0 54	21 28	0 28	17 0	0 39	17 14	0 8	18 56	4 18	11 39	11 58	0 50	1 58	4 3
W23	12 29	17 53 2	37 15	46	0 34	2 36	1 23	23 18	2 2	15 8	0 54	21 28	0 28	17 0	0 39	17 14	0 8	18 56	4 18	11 39	11 59	0 52	2 0	4 3
T 24	12 49	15 43 1	32 16	34	0 45	2 9	1 25	23 12	2 1	15 12	0 54	21 28	0 28	16 59	0 39	17 13	0 8	18 56	4 18	11 39	12 0	0 54	2 1	4 3
F 25	13 9	12 36 0	20 17	21	0 56	1 43	1 27	23 6	2 0	15 17	0 54	21 28	0 28	16 59	0 39	17 13	0 8	18 56	4 18	11 39	12 1	0 56	2 2	4 3
S 26	13 28	8 40 0	s56 18	6	1 6	1 16	1 29	22 59	1 59	15 21	0 54	21 28	0 28	16 59	0 39	17 13	0 8	18 56	4 18	11 39	12 2	0 58	2 4	4 3
S 27	13 48	4 7 2	10 18	48	1 16	0 49	1 31	22 53	1 58	15 25	0 54	21 28	0 28	16 59	0 39	17 13	0 8	18 56	4 17	11 40	12 3	1 0	2 5	4 3
M28	14 7	0n46 3	16 19	29	1 26	0 22	1 32	22 46	1 57	15 29	0 53	21 28	0 28	16 58	0 39	17 13	0 8	18 56	4 17	11 42	12 4	1 2	2 6	4 3
T 29	14 26	5 40 4	10 20	8	1 35	0n 5	1 34	22 40	1 56	15 34	0 53	21 28	0 28	16 58	0 39	17 13	0 8	18 57	4 17	11 44	12 6	1 4	2 7	4 3
W30	14n44	10n13 4	s45 201	n44	1n44	0n32	1 s35	22n33	1n55	15n38	0 s53	21 s28	0n28	16 s58	0s39	17s13	0n 8	18n57	4s17	11n48	12n 7	1s 6	2n 9	4n 3

Julian Day Number = 2512265.5, Delta T = 133.51 sec Ecliptic obliquity = 23°24'56, Nutation = -0°00'09, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 27°03'48, Lahiri = 26°10'49

MAY 2166 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ)ф(¥	Р	n	v	Ç	Ŷ,	Day
T 1	14 36 7	10846'04	24 8 48	278 0	6 Υ 12	27955	15 8 47	20°R 1	14≈57	11≈27	79913	28°R52	28 N 5	11 ♀ 2	26 ¥ 4	T 1
F 2	14 40 3	11°44'25	9 Ⅲ 31	28°46	7°24	28°25	16° 2	20궁 1	14°58	11°28	7°14	28 N 42	28° 2	11° 8	26° 7	F 2
S 3	14 44 0	12°42'44	23°48	0 Ⅲ 27	8°36	28°56	16°16	20° 1	14°58	11°28	7°15	28°33	27°58	11°15	26°10	S 3
S 4	14 47 57	13°41'01	7937	2° 5	9°48	29°26	16°30	20° 0	14°59	11°28	7°16	28°26	27°55	11°22	26°13	S 4
M 5	14 51 53	14°39'16	20°57	3°39	10°59	29°57	16°45	20° 0	15° 0	11°29	7°16	28°22	27°52	11°28	26°15	M 5
T 6	14 55 50	15°37'29	3 Ω 49	5°10	12°11	0 Ω 28	16°59	19°59	15° 1	11°29	7°17	28°20	27°49	11°35	26°18	T 6
W 7	14 59 46	16°35'40	16°19	6°36	13°23	0°59	17°13	19°58	15° 1	11°29	7°18	28°D19	27°46	11°42	26°21	W 7
T 8	15 3 43	17°33'49	28°30	7°58	14°35	1°30	17°28	19°57	15° 2	11°29	7°19	28°R20	27°43	11°48	26°24	T 8
F 9	15 7 39	18°31'56	10 m 29	9°16	15°47	2° 2	17°42	19°57	15° 2	11°30	7°20	28°19	27°39	11°55	26°26	F 9
S 10	15 11 36	19°30'01	22°19	10°30	16°59	2°33	17°56	19°56	15° 3	11°30	7°22	28°17	27°36	12° 2	26°29	S 10
S 11	15 15 32	20°28'04	4 º 8	11°39	18°11	3° 5	18°10	19°54	15° 3	11°30	7°23	28°13	27°33	12° 8	26°31	S 11
M12	15 19 29	21°26'05	15°57	12°44	19°22	3°36	18°25	19°53	15° 4	11°30	7°24	28° 5	27°30	12°15	26°34	M12
T 13	15 23 26	22°24'05	27°51	13°45	20°34	4° 8	18°39	19°52	15° 4	11°30	7°25	27°56	27°27	12°22	26°36	T 13
W14	15 27 22	23°22'03	9 M 52	14°41	21°46	4°40	18°53	19°51	15° 4	11°R30	7°26	27°43	27°23	12°28	26°39	W14
T 15	15 31 19	24°19'59	22° 2	15°32	22°58	5°12	19° 8	19°49	15° 5	11°30	7°27	27°30	27°20	12°35	26°41	T 15
F 16	15 35 15	25°17'54	4 ₹ 21	16°19	24°10	5°44	19°22	19°47	15° 5	11°30	7°28	27°16	27°17	12°42	26°43	F 16
S 17	15 39 12	26°15'47	16°50	17° 1	25°22	6°16	19°36	19°46	15° 5	11°30	7°29	27° 4	27°14	12°48	26°46	S 17
S 18	15 43 8	27°13'39	29°30	17°38	26°35	6°48	19°50	19°44	15° 5	11°30	7°30	26°53	27°11	12°55	26°48	S 18
M19	15 47 5	28°11'30	12 る 20	18°11	27°47	7°20	20° 4	19°42	15° 5	11°29	7°32	26°45	27° 8	13° 2	26°50	M19
T 20	15 51 1	29° 9'19	25°23	18°38	28°59	7°52	20°19	19°40	15°R 5	11°29	7°33	26°40	27° 4	13° 9	26°52	T 20
W21	15 54 58	0耳 7'07	8≈39	19° 1	0811	8°25	20°33	19°38	15° 5	11°29	7°34	26°38	27° 1	13°15	26°54	W21
T 22	15 58 55	1° 4'54	22° 9	19°19	1°23	8°57	20°47	19°36	15° 5	11°29	7°35	26°37	26°58	13°22	26°56	T 22
F 23	16 2 51	2° 2'40	5 ₩ 56	19°32	2°35	9°30	21° 1	19°34	15° 5	11°28	7°36	26°37	26°55	13°29	26°58	F 23
S 24	16 648	3° 0'25	20° 0	19°40	3°47	10° 3	21°15	19°32	15° 5	11°28	7°38	26°36	26°52	13°35	27° 0	S 24
S 25	16 10 44	3°58'09	4 Υ 20	19°R43	5° 0	10°35	21°29	19°29	15° 5	11°28	7°39	26°34	26°49	13°42	27° 2	S 25
M26	16 14 41	4°55'51	18°56	19°42	6°12	11° 8	21°44	19°27	15° 4	11°27	7°40	26°29	26°45	13°49	27° 4	M26
T 27	16 18 37	5°53'33	3 8 42	19°36	7°24	11°41	21°58	19°24	15° 4	11°27	7°41	26°21	26°42	13°55	27° 6	T 27
W28	16 22 34	6°51'14	18°31	19°25	8°36	12°14	22°12	19°22	15° 4	11°27	7°43	26°12	26°39	14° 2	27° 8	W28
T 29	16 26 30	7°48'53	3 I I15	19°11	9°49	12°47	22°26	19°19	15° 3	11°26	7°44	26° 1	26°36	14° 9	27° 9	T 29
F 30	16 30 27	8°46'32	17°45	18°53	11° 1	13°21	22°40	1 <u>9</u> °16	15° 3	11°26	7°45	25°50	26°33	14°15	27°11	F 30
S 31	16 34 24	9∏44'09	1956	18 Ⅲ 31	12813	13 Ω 54	22 8 54	19 ਰ 14	15 ≈ 2	11≈25	79547	25 Ω 40	26 Ω 29	14 ≏ 22	27 米 13	S 31

Day	0	D	ζ	Į.	φ		ď	1	2	ł	ħ	<u> </u>)	ł(4	7	Р		'n	Ω	Ç	ď	;
	decl	decl lat	decl	lat	decl l	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
T 1 F 2	15n 2 15 20	14n 4 5s 16 58 4 5	1 21n18 7 21 49		0n59 1 26		22n26 22 19	1n55 1 54	-		21 s28 21 28		16 s 5 7 16 5 7		17s12 17 12	0n 7 0 7			11n51 11 55	12n 8	1 s 8 1 10	2n10 2 11	4n 3 4 3
S 3	-		4 22 18		1 53		22 19		15 50		21 28		16 57		17 12		18 57			12 10	1 12	2 12	4 4
S 4			5 22 44		2 21		22 4		15 55		21 28		16 57		17 12		18 57	4 16			1 14	2 13	4 4
M 5			5 23 8		2 48		21 57				21 28		16 57		17 12			4 16		12 12	1 16	2 15	4 4
T 6	16 30 16 47		5 23 29 3 23 48	_	3 15 3 42		21 49 21 42		16 3 16 7		21 28 21 28		16 56 16 56		17 12 17 12	0 7 0 7		4 16 4 16		_	1 18 1 20	2 16 2 17	4 4 4
T 8	17 3		1 24 5		4 9		21 42		16 11		21 28		16 56		17 12			4 16			1 22	2 17	4 4
F 9	17 19		4 24 19		-		21 26		16 15		21 29		16 56		17 12			4 16			1 24	2 19	4 4
S 10	17 35	4 56 2	4 24 31	2 32	5 3	1 45	21 18	1 47	16 19	0 53	21 29	0 28	16 56	0 39	17 12	0 7	18 57	4 16	12 4	12 18	1 26	2 20	4 4
S 11	17 51	-	7 24 41	2 32	5 30	-	21 10		16 23		21 29	0 28	16 56	0 39	17 12		18 57	4 16		12 19	1 28	2 21	4 4
M12	18 6		4 24 48		5 57	-	21 2	1 45		0 53	-		16 56					-			1 30	2 23	4 5
T 13 W14	18 21 18 36	6 39 4 2			6 23	-	20 54	1 44 1 44	16 31	0 52						0 7	18 58	-		12 21	1 32 1 34	2 24	4 5
T 15		10 14 4 4 13 27 4 5		2 26 2 22	6 50 7 16		20 45 20 37	1 44	16 35 16 39		21 30 21 30				17 12 17 12	0 7 0 7	18 58 18 58			12 22 12 23	1 34	2 25 2 26	4 5
F 16	19 4	16 7 4 5			7 43	-	20 28	1 42			21 30		16 56		17 12	0 7		-		12 23	1 38	2 27	4 5
S 17	19 18		3 24 58		8 9		20 19		16 47		21 31		16 56		17 12		18 58			12 25	1 40	2 28	4 5
S 18	19 31	19 11 4 1	3 24 54	2 4	8 35	1 46	20 10	1 40	16 50	0 52	21 31	0 27	16 56	0 40	17 12	0 7	18 58	4 15	12 32	12 26	1 42	2 29	4 5
M19			-	1 56	9 1		20 1		16 54		21 31		16 56		17 12	0 7	18 58			12 27	1 44	2 30	4 5
T 20			7 24 42		9 27	-	19 52		16 58		21 31		16 56		17 12					12 28	1 46	2 31	4 6
W21 T 22	20 9		4 24 34		9 52		19 43	1 38			21 32		16 56		17 12					12 30	1 48	2 32	4 6
F 23	20 21 20 33		4 24 25 9 24 14		10 18 10 43	-	19 34 19 24		17 6 17 9		21 32 21 32		16 56 16 56		17 12 17 12					12 31 12 32	1 50 1 52	2 33 2 34	4 6
S 24	20 33		24 14		11 8	-	19 15		17 13		21 32		16 56		17 12					12 32	1 54	2 34	4 6
S 25	20 55		5 23 48		11 32	1 44	19 5	1 35	17 17		21 33	0 27	16 56	0 40	17 12	0 7	18 58	4 14	12 39	12 34	1 56	2 35	4 6
M26	21 6	3n43 3 5					18 55	1 34			21 34		16 56			0 7				12 35	1 58	2 36	4 6
T 27	21 16	-	3 23 17		12 21		18 45		17 24		21 34		16 56			0 7				12 36	2 0	2 37	4 7
1	21 26 21 35	12 32 4 5			12 45		18 35		17 28		21 34		16 56			0 7				12 37 12 38	2 2	2 38 2 39	4 7
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	-																				2 s 8	-	4n 7
F 30	21 35 21 45 21n53	18 13 4 4	9 22 43 0 22 24 3 22n 5	0 33	13 9 13 32 13n55	1 40	18 25 18 15 18n 5	1 31	17 31 17 35 17n39	0 52	21 35 21 35 21 s36	0 27	16 57 16 57 16 s57	0 40	17 13 17 13 17 s13		18 58	4 13	12 54	12 38 12 39 12n40	2 4 2 6 2s 8	2 39 2 40 2n40	4

Julian Day Number = 2512295.5, Delta T = 133.58 sec Ecliptic obliquity = $23^{\circ}24'56$, Nutation = - $0^{\circ}00'11$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $27^{\circ}03'52$, Lahiri = $26^{\circ}10'53$

JUNE 2166 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂	4	ħ)∤(¥	Р	ß	v	Ç	ę,	Day
S 1	16 38 20	10 II 41'45	159543	18°R 6	13826	14 Ω 27	23 8 8	19°R11	15°R 2	11°R25	79548	25°R32	26№26	14 <u>₽</u> 29	27) 14	S 1
M 2	16 42 17	11°39'20	29° 2	17 Ⅲ 38	14°38	15° 1	23°21	19る8	15≈ 1	11≈24	7°49	25 Ω 27	26°23	14°35	27°16	M 2
T 3	16 46 13	12°36'53	11 Ω 57	17° 8	15°51	15°34	23°35	19° 5	15° 0	11°23	7°51	25°25	26°20	14°42	27°17	T 3
W 4	16 50 10	13°34'25	24°29	16°36	17° 3	16° 8	23°49	19° 2	15° 0	11°23	7°52	25°D24	26°17	14°49	27°19	W 4
T 5	16 54 6	14°31'56	6Mp42	16° 4	18°15	16°42	24° 3	18°58	14°59	11°22	7°53	25°24	26°14	14°56	27°20	T 5
F 6	16 58 3	15°29'25	18°43	15°30	19°28	17°15	24°17	18°55	14°58	11°21	7°55	25°R25	26°10	15° 2	27°22	F 6
S 7	17 1 59	16°26'53	0 ჲ 35	14°57	20°40	17°49	24°30	18°52	14°57	11°21	7°56	25°24	26° 7	15° 9	27°23	S 7
S 8	17 5 56	17°24'20	12°25	14°24	21°53	18°23	24°44	18°48	14°56	11°20	7°58	25°21	26° 4	15°16	27°24	S 8
M 9	17 9 53	18°21'45	24°17	13°52	23° 5	18°57	24°58	18°45	14°55	11°19	7°59	25°15	26° 1	15°22	27°25	M 9
T 10	17 13 49	19°19'10	6 M 15	13°21	24°18	19°31	25°11	18°41	14°54	11°18	8° 0	25° 8	25°58	15°29	27°26	T 10
W11	17 17 46	20°16'33	18°23	12°53	25°30	20° 5	25°25	18°38	14°53	11°17	8° 2	24°58	25°55	15°36	27°27	W11
T 12	17 21 42	21°13'56	0 ∡ 742	12°28	26°43	20°39	25°39	18°34	14°52	11°16	8° 3	24°47	25°51	15°42	27°28	T 12
F 13	17 25 39	22°11'18	13°15	12° 6	27°55	21°13	25°52	18°31	14°51	11°16	8° 5	24°36	25°48	15°49	27°29	F 13
S 14	17 29 35	23° 8'39	26° 0	11°47	29° 8	21°48	26° 6	18°27	14°50	11°15	8° 6	24°26	25°45	15°56	27°30	S 14
S 15	17 33 32	24° 5'59	8 궁 59	11°31	0П20	22°22	26°19	18°23	14°49	11°14	8° 7	24°17	25°42	16° 2	27°31	S 15
M16	17 37 29	25° 3'18	22°10	11°20	1°33	22°56	26°32	18°19	14°47	11°13	8° 9	24°11	25°39	16° 9	27°32	M16
T 17	17 41 25	26° 0'37	5≈32	11°13	2°46	23°31	26°46	18°15	14°46	11°12	8°10	24° 7	25°35	16°16	27°33	T 17
W18	17 45 22	26°57'56	19° 5	11°D10	3°58	24° 5	26°59	18°11	14°45	11°11	8°12	24°D 5	25°32	16°23	27°33	W18
T 19	17 49 18	27°55'14	2) (48	11°12	5°11	24°40	27°12	18° 7	14°43	11°10	8°13	24° 6	25°29	16°29	27°34	T 19
F 20	17 53 15	28°52'31	16°41	11°18	6°24	25°15	27°25	18° 3	14°42	11° 9	8°15	24° 6	25°26	16°36	27°35	F 20
S 21	17 57 11	29°49'49	0 Υ 44	11°29	7°36	25°49	27°38	17°59	14°41	11° 7	8°16	24°R 7	25°23	16°43	27°35	S 21
S 22	18 1 8	09547'06	14°56	11°45	8°49	26°24	27°51	17°55	14°39	11° 6	8°18	24° 6	25°20	16°49	27°36	S 22
M23	18 5 4	1°44'23	29°16	12° 5	10° 2	26°59	28° 4	17°51	14°38	11° 5	8°19	24° 3	25°16	16°56	27°36	M23
T 24	18 9 1	2°41'40	13 8 39	12°30	11°15	27°34	28°17	17°47	14°36	11° 4	8°21	23°58	25°13	17° 3	27°37	T 24
W25	18 12 58	3°38'56	28° 3	12°59	12°27	28° 9	28°30	17°43	14°35	11° 3	8°22	23°52	25°10	17° 9	27°37	W25
T 26	18 16 54	4°36'13	12Ⅲ21	13°33	13°40	28°44	28°43	17°38	14°33	11° 2	8°24	23°44	25° 7	17°16	27°37	T 26
F 27	18 20 51	5°33'29	26°28	14°12	14°53	29°19	28°56	17°34	14°31	11° 0	8°25	23°36	25° 4	17°23	27°37	F 27
S 28	18 24 47	6°30'45	10920	14°54	16° 6	29°54	29° 9	17°30	14°30	10°59	8°26	23°30	25° 1	17°29	27°38	S 28
S 29	18 28 44	7°28'01	23°53	15°42	17°19	0 m /30	29°21	17°26	14°28	10°58	8°28	23°24	24°57	17°36	27°38	S 29
M30	18 32 40	8925'16	7 Ω 4	16 Ⅱ 33	18 Ⅲ 32	1 m y 5	29 8 34	17 る 21	14≈26	10≈57	8929	23 £ 21	$24\Omega54$	17 ≏ 43	27°R38	M30

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M16	23 19	18 56 2	2 42	17 54	4 15	19 14	1 15	15 6	1 19	18 31	0 52	21 44	0 26	17 2	0 41	17 17	0 7	18 58	4 12	13 27	12 58	2 41	2 51	4 10
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W18	23 23	14 40 0	27	17 48	4 20	19 46	1 11	14 41	1 17	18 38		21 45	0 26	17 3	0 41	17 17	0 7	18 58	4 12	13 29	13 0	2 45	2 51	4 10
T 19	23 24	11 11 0)s47	17 47	4 21	20 1	1 9	14 29	1 16	18 41	0 52	21 46	0 26	17 3	0 41	17 18	0 7	18 58	4 12	13 29	13 1	2 47	2 52	4 10
F 20	23 25	7 4 1	1 58	17 49	4 20	20 16	1 6	14 17	1 16	18 44	0 52	21 47	0 26	17 3	0 41	17 18	0 7	18 58	4 12	13 28	13 2	2 49	2 52	4 11
S 21	23 25	2 31 3	3 4	17 52	4 19	20 30	1 4	14 5	1 15	18 47	0 52	21 47	0 25	17 4	0 41	17 18	0 7	18 58	4 12	13 28	13 3	2 51	2 53	4 11
S 22	23 25	2n13 3	3 58	17 56	4 16	20 43	1 2	13 52	1 14	18 49	0 52	21 48	0 25	17 4	0 41	17 19	0 7	18 58	4 11	13 29	13 4	2 53	2 53	4 11
M23	23 24	6 51 4	4 39	18 3	4 12	20 56	1 0	13 39	1 14	18 52	0 52	21 48	0 25	17 5	0 41	17 19	0 7	18 58	4 11	13 29	13 5	2 55	2 53	4 11
T 24	23 23	11 7 5	5 2	18 11	4 8	21 9	0 58	13 27	1 13	18 55	0 52	21 49	0 25	17 5	0 41	17 19	0 7	18 58	4 11	13 31	13 6	2 57	2 54	4 11
W25	23 22	14 44 5	5 6	18 20	4 2	21 21	0 56	13 14	1 12	18 58	0 52	21 50	0 25	17 6	0 41	17 20	0 7	18 58	4 11	13 33	13 7	2 59	2 54	4 11
T 26	23 20	17 27 4	4 51	18 30	3 56	21 32	0 53	13 1	1 12	19 1	0 52	21 50	0 25	17 6	0 41	17 20	0 7	18 58	4 11	13 36	13 8	3 1	2 54	4 12
F 27	23 18	19 4 4	4 18	18 42	3 48	21 43	0 51	12 48	1 11	19 4	0 52	21 51	0 25	17 7	0 41	17 20	0 7	18 58	4 11	13 38	13 9	3 3	2 54	4 12
S 28	23 15	19 31 3	3 31	18 55	3 40	21 53	0 49	12 35	1 10	19 6	0 52	21 52	0 25	17 7	0 41	17 21	0 7	18 58	4 11	13 40	13 10	3 5	2 55	4 12
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	23n 9		-	19n23		22n12		12n 9		19n12		21 s53		17s 8		17 s21		18n58			13n12		2n55	

Julian Day Number = 2512326.5, Delta T = 133.64 sec Ecliptic obliquity = 23°24'55, Nutation = -0°00'10, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 27°03'57, Lahiri = 26°10'57

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T 1	18 36 37	9922'30	19 Ω 53	17 II 28	19 Ⅱ 45	1 m 40	29846	17°R17	14°R24	10°R55	8931	23°D20	24 Q 51	17 ≏ 50	27°R38	T 1
W 2	18 40 33	10°19'45	2 Mp 24	18°28	20°58	2°16	29°59	17 る 12	14≈22	10≈54	8°32	$23\Omega 20$	24°48	17°56	27) 38	W 2
T 3	18 44 30	11°16'59	14°38	19°32	22°10	2°51	0 Ⅱ 11	17° 8	14°21	10°53	8°34	23°21	24°45	18° 3	27°38	T 3
F 4	18 48 27	12°14'12	26°39	20°40	23°23	3°27	0°23	17° 4	14°19	10°51	8°35	23°23	24°41	18°10	27°37	F 4
S 5	18 52 23	13°11'25	8 亚 33	21°51	24°36	4° 2	0°36	16°59	14°17	10°50	8°37	23°R24	24°38	18°16	27°37	S 5
S 6	18 56 20	14° 8'38	20°25	23° 7	25°49	4°38	0°48	16°55	14°15	10°48	8°38	23°24	24°35	18°23	27°37	S 6
M 7	19 0 16	15° 5'50	2MJ9	24°27	27° 2	5°13	1° 0	16°50	14°13	10°47	8°40	23°22	24°32	18°30	27°37	M 7
T 8	19 4 13	16° 3'02	14°20	25°50	28°16	5°49	1°12	16°46	14°11	10°46	8°41	23°19	24°29	18°36	27°36	T 8
W 9	19 8 9	17° 0'14	26°32	27°17	29°29	6°25	1°24	16°42	14° 9	10°44	8°43	23°15	24°26	18°43	27°36	W 9
T 10	19 12 6	17°57'26	8 ₹ 58	28°48	09542	7° 1	1°36	16°37	14° 7	10°43	8°44	23° 9	24°22	18°50	27°35	T 10
F 11	19 16 2	18°54'38	21°41	09523	1°55	7°37	1°48	16°33	14° 5	10°41	8°46	23° 3	24°19	18°57	27°35	F 11
S 12	19 19 59	19°51'49	4 ⋜ 41	2° 1	3° 8	8°13	1°59	16°28	14° 3	10°40	8°47	22°58	24°16	19° 3	27°34	S 12
S 13	19 23 56	20°49'01	17°58	3°42	4°21	8°49	2°11	16°24	14° 0	10°38	8°49	22°54	24°13	19°10	27°33	S 13
M14	19 27 52	21°46'13	1≈31	5°27	5°34	9°25	2°22	16°19	13°58	10°37	8°50	22°51	24°10	19°17	27°33	M14
T 15	19 31 49	22°43'25	15°18	7°15	6°48	10° 1	2°34	16°15	13°56	10°35	8°51	22°49	24° 7	19°23	27°32	T 15
W16	19 35 45	23°40'37	29°16	9° 7	8° 1	10°37	2°45	16°11	13°54	10°34	8°53	22°D49	24° 3	19°30	27°31	W16
T 17	19 39 42	24°37'50	13 米 21	11° 1	9°14	11°13	2°57	16° 6	13°52	10°32	8°54	22°50	24° 0	19°37	27°30	T 17
F 18	19 43 38	25°35'04	27°32	12°57	10°27	11°49	3° 8	16° 2	13°50	10°31	8°56	22°52	23°57	19°43	27°29	F 18
S 19	19 47 35	26°32'17	11 Y 45	14°56	11°41	12°26	3°19	15°58	13°47	10°29	8°57	22°53	23°54	19°50	27°28	S 19
S 20	19 51 31	27°29'32	25°59	16°58	12°54	13° 2	3°30	15°53	13°45	10°27	8°59	22°R53	23°51	19°57	27°27	S 20
M21	19 55 28	28°26'47	10810	19° 1	14° 7	13°38	3°41	15°49	13°43	10°26	9° 0	22°53	23°47	20° 4	27°26	M21
T 22	19 59 25	29°24'03	24°18	21° 5	15°21	14°15	3°52	15°45	13°40	10°24	9° 1	22°51	23°44	20°10	27°25	T 22
W23	20 3 21	$0\Omega 21'20$	8 I I19	23°11	16°34	14°51	4° 2	15°41	13°38	10°23	9° 3	22°49	23°41	20°17	27°24	W23
T 24	20 7 18	1°18'38	22°11	25°18	17°48	15°28	4°13	15°36	13°36	10°21	9° 4	22°46	23°38	20°24	27°23	T 24
F 25	20 11 14	2°15'56	5 9 51	27°25	19° 1	16° 5	4°23	15°32	13°34	10°19	9° 6	22°43	23°35	20°30	27°22	F 25
S 26	20 15 11	3°13'15	19°17	29°33	20°15	16°41	4°34	15°28	13°31	10°18	9° 7	22°41	23°32	20°37	27°20	S 26
S 27	20 19 7	4°10'35	2 Ω 28	1 Ω 41	21°28	17°18	4°44	15°24	13°29	10°16	9° 8	22°39	23°28	20°44	27°19	S 27
M28	20 23 4	5° 7'55	15°23	3°48	22°42	17°55	4°54	15°20	13°26	10°15	9°10	22°38	23°25	20°50	27°17	M28
T 29	20 27 0	6° 5'15	28° 1	5°55	23°55	18°32	5° 4	15°16	13°24	10°13	9°11	22°D38	23°22	20°57	27°16	T 29
W30	20 30 57	7° 2'37	10 m 25	8° 1	25° 9	19° 9	5°14	15°12	13°22	10°11	9°12	22°39	23°19	21° 4	27°15	W30
T 31	20 34 54	7 Ω 59'58	22 Mg 35	10 0 6	26923	19 M /46	5 Ⅱ 24	15 る 8	13≈19	10≈10	99914	22 \Omega 40	23 \Omega 16	21 ≏ 11	27 米 13	T 31

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S 6 M 7 T 8	22 40 22 34	3 56 4	21 20 58 50 21 14 7 21 30	2 16 22 5 2 4 22 5	2 0 29 6 0 27	10 48 10 35 10 21	1 5 1 4	19 27	0 52 0 52	21 57 21 57 21 58	0 24 0 24	17 12 17 12 17 13	0 41 0 41	17 24 17 24 17 24		18 58 4 18 58 4	4 11 4 11	13 42 13 43	13 19 13 20 13 21	3 21 3 23 3 25	2 56 2 56 2 56	4 13 4 14 4 14
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S 12 S 13	21 57 21 48	19 27 3 : 19 15 2 :	53 22 24 59 22 35	1 0 23 0 47 23	9 0 14 9 0 12	9 25 9 11	1 1 1 0	19 41 19 44	0 52 0 52	22 0 22 1	0 24 0 24	17 15 17 16	0 41 0 41	17 26 17 26	0 7 0 7	18 58 4 18 57 4	4 10 4 10	13 51 13 52	13 2513 26	3 33 3 36	2 552 55	4 14 4 15
M14 T 15 W16 T 17	21 39 21 30 21 21 21 11	15 35 0	54 22 44 41 22 51 35 22 56 50 23 0	0 22 23 0 10 23	9 0 9 8 0 6 6 0 4 4 0 1	8 57 8 43 8 28 8 14	0 59 0 59 0 58 0 57	19 50	0 52 0 52 0 52 0 52	22 2 22 3	0 24 0 23		0 41 0 41	17 27 17 27 17 28 17 28	0 7 0 7 0 7 0 7	18 57 18 57	4 10 4 10	13 54	13 27 13 28 13 29 13 30	3 38 3 40 3 42 3 44	2 55 2 55 2 55 2 55	4 15 4 15 4 15 4 15
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S 20 M21 T 22	20 38 20 27 20 15	10 0 5	40 22 55 7 22 49 14 22 39	0 45 22 4	9 0 9	7 31 7 16 7 1	0 55 0 55 0 54		0 52 0 52 0 52	22 6	0 23	17 21 17 21 17 22	0 42	17 29 17 30 17 30	0 7	18 57	4 10	13 53	13 34 13 35 13 36	3 50 3 52 3 54	2 54 2 54 2 53	4 16 4 16 4 16
W23 T 24 F 25		18 37 4 19 27 3	3 22 27 34 22 13 50 21 55	1 11 22 3 1 18 22 2	0 0 16 2 0 18	6 47 6 32 6 17	0 53 0 53 0 52	20 6	0 52 0 53 0 53	22 8 22 8	0 23	17 23 17 23 17 24	0 42 0 42	17 31 17 31 17 32		18 57 18 57	4 10 4 10	13 55 13 56	13 37 13 38 13 39	3 56 3 58 4 0	2 53 2 53 2 52	4 16 4 16 4 16
S 26 S 27 M28	19 12	17 49 1	54 21 36 49 21 13	1 30 22	5 0 23	6 2 5 47	0 51	20 10 20 12 20 14	0 53	22 9	0 22	17 25 17 25	0 42	17 32 17 33	0 7	18 57	4 10	13 57	13 40 13 41	4 4	2 52 2 51	4 16 4 17
T 29 W30	18 44 18 30	12 37 On 9 9 1	40 20 49 30 20 22 37 19 53	1 38 21 4 1 41 21 3	5 0 28 4 0 30	5 33 5 18 5 2	0 50 0 49	20 14 20 15 20 17	0 53 0 53	22 10 22 11 22 11	0 22 0 22	17 26 17 27 17 27	0 42 0 42	17 33 17 33 17 34		18 56 18 56	4 10 4 10	13 57 13 57	13 42 13 43 13 44	4 6 4 8 4 10	2 51 2 51 2 50	4 17 4 17 4 17
T 31	18n15	5n22 2n	38 19n22	1n44 21n2	3 0n32	4n47	0n48	20n19	US53	22 s12	Un22	17 s28	0842	17s34	0n 7	18n56	+S1U	13n5/	13n45	4s12	2n50	4n17

Julian Day Number = 2512356.5, Delta T = 133.71 sec Ecliptic obliquity = 23°24'55, Nutation = -0°00'09, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 27°04'01, Lahiri = 26°11'01

AUGUST 2166 00:00 UT

Day	Sid.t	0	D	ğ	·	ď	4	ħ)∤(¥	Р	₽.	v	Ç	Ŷ,	Day
F 1	20 38 50	8 Ω 57'21	4 Ω 35	12Ω10	27936	20 m 23	5 Ⅱ 34	15°R 4	13°R17	10°R 8	99915	22\$\Omega41\$	23 Ω 12	21 ≙ 17	27°R11	F 1
S 2	20 42 47	9°54'43	16°29	14°13	28°50	21° 0	5°44	15 る 0	13 ≈ 15	10≈ 6	9°16	22°42	23° 9	21°24	27) 10	S 2
S 3	20 46 43	10°52'07	28°21	16°15	0 Ω 4	21°37	5°53	14°57	13°12	10° 5	9°18	22°43	23° 6	21°31	27° 8	S 3
M 4	20 50 40	11°49'31	10 M 15	18°15	1°17	22°14	6° 3	14°53	13°10	10° 3	9°19	22°R43	23° 3	21°37	27° 6	M 4
T 5	20 54 36	12°46'55	22°16	20°14	2°31	22°51	6°12	14°49	13° 7	10° 2	9°20	22°43	23° 0	21°44	27° 5	T 5
W 6	20 58 33	13°44'21	4 ₹ 28	22°12	3°45	23°29	6°21	14°46	13° 5	10° 0	9°21	22°42	22°57	21°51	27° 3	W 6
T 7	21 2 29	14°41'46	16°56	24° 7	4°59	24° 6	6°30	14°42	13° 3	9°58	9°23	22°42	22°53	21°57	27° 1	T 7
F 8	21 6 26	15°39'13	29°43	26° 2	6°12	24°43	6°39	14°39	13° 0	9°57	9°24	22°41	22°50	22° 4	26°59	F 8
S 9	21 10 23	16°36'41	12 る 51	27°55	7°26	25°21	6°48	14°35	12°58	9°55	9°25	22°40	22°47	22°11	26°57	S 9
S 10	21 14 19	17°34'09	26°21	29°46	8°40	25°58	6°57	14°32	12°55	9°53	9°26	22°39	22°44	22°18	26°55	S 10
M11	21 18 16	18°31'38	10≈12	1 m 35	9°54	26°36	7° 5	14°29	12°53	9°52	9°28	22°39	22°41	22°24	26°53	M11
T 12	21 22 12	19°29'08	24°22	3°23	11° 8	27°13	7°13	14°25	12°51	9°50	9°29	22°D39	22°38	22°31	26°51	T 12
W13	21 26 9	20°26'39	8)(46	5°10	12°22	27°51	7°22	14°22	12°48	9°49	9°30	22°39	22°34	22°38	26°49	W13
T 14	21 30 5	21°24'11	23°19	6°55	13°36	28°29	7°30	14°19	12°46	9°47	9°31	22°39	22°31	22°44	26°47	T 14
F 15	21 34 2	22°21'45	7 Ƴ 54	8°38	14°50	29° 6	7°38	14°16	12°44	9°46	9°32	22°R39	22°28	22°51	26°45	F 15
S 16	21 37 58	23°19'20	22°28	10°20	16° 4	29°44	7°46	14°13	12°41	9°44	9°33	22°39	22°25	22°58	26°42	S 16
S 17	21 41 55	24°16'56	6 8 53	12° 1	17°18	0 ჲ 22	7°54	14°10	12°39	9°42	9°34	22°39	22°22	23° 4	26°40	S 17
M18	21 45 52	25°14'34	21° 8	13°40	18°32	1° 0	8° 1	14° 8	12°37	9°41	9°36	22°D39	22°18	23°11	26°38	M18
T 19	21 49 48	26°12'14	5 I 9	15°17	19°46	1°38	8° 9	14° 5	12°34	9°39	9°37	22°39	22°15	23°18	26°36	T 19
W20	21 53 45	27° 9'55	18°56	16°53	21° 0	2°16	8°16	14° 2	12°32	9°38	9°38	22°39	22°12	23°25	26°33	W20
T 21	21 57 41	28° 7'38	29527	18°28	22°14	2°54	8°23	14° 0	12°30	9°36	9°39	22°40	22° 9	23°31	26°31	T 21
F 22	22 1 38	29° 5'22	15°43	20° 1	23°28	3°32	8°30	13°57	12°27	9°35	9°40	22°40	22° 6	23°38	26°29	F 22
S 23	22 5 34	0 m) 3′08	28°46	21°32	24°42	4°10	8°37	13°55	12°25	9°33	9°41	22°41	22° 3	23°45	26°26	S 23
S 24	22 9 31	1° 0'55	11 Ω 34	23° 3	25°57	4°48	8°44	13°52	12°23	9°32	9°42	22°41	21°59	23°51	26°24	S 24
M25	22 13 27	1°58'44	24° 9	24°31	27°11	5°26	8°50	13°50	12°21	9°30	9°43	22°R42	21°56	23°58	26°21	M25
T 26	22 17 24	2°56'34	6 m 33	25°58	28°25	6° 5	8°57	13°48	12°18	9°29	9°44	22°41	21°53	24° 5	26°19	T 26
W27	22 21 21	3°54'26	18°46	27°24	29°39	6°43	9° 3	13°46	12°16	9°27	9°45	22°40	21°50	24°12	26°16	W27
T 28	22 25 17	4°52'19	0 ჲ 50	28°48	0 m 54	7°22	9° 9	13°44	12°14	9°26	9°46	22°39	21°47	24°18	26°14	T 28
F 29	22 29 14	5°50'13	12°47	0 ჲ 11	2° 8	8° 0	9°15	13°42	12°12	9°24	9°47	22°37	21°44	24°25	26°11	F 29
S 30	22 33 10	6°48'09	24°39	1°32	3°22	8°39	9°21	13°40	12°10	9°23	9°48	22°35	21°40	24°32	26° 8	S 30
S 31	22 37 7	7 m 46'06	6 M .30	2 ≏ 51	4 m 37	9 ≏ 17	9Ⅱ26	13 る 39	12 ≈ 8	9≈22	9 95 48	22 N 33	21 £ 37	24 ₾ 38	26 ∺ 6	S 31

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F 1 S 2	18n 0 17 45			1n45 21n11 Or 1 46 20 58 O	34 4n32 37 4 17		20n21 20 22		22 s12 22 13		17 s29 17 30		17 s35 17 35	0n 7 0 7			13n56 13 56		4s14 4 16	2n49 2 49	4n17 4 17
S 3 M 4	17 29 17 14			1 47 20 45 0 1 46 20 31 0	39 4 2 41 3 47		20 24 20 25		22 13 22 14		17 30 17 31		17 36 17 36	0 7 0 7			13 56 13 56		4 18 4 20	2 48 2 47	4 17 4 18
T 5 W 6 T 7	16 41	13 13 5 17 15 56 5 10 17 59 4 49	15 44 1		43 3 31 45 3 16 47 3 1	0 44	20 27 20 28 20 30	0 53	22 14 22 15 22 15			0 42	17 37 17 37 17 37	0 7 0 7 0 7	18 56	4 10	13 56 13 56 13 56	13 51	4 23 4 25 4 27	2 47 2 46 2 46	4 18 4 18 4 18
F 8 S 9	16 8		14 22 1		49 2 45	0 43	20 31 20 33	0 53	22 16 22 16	0 21		0 42	17 38 17 38	0 7	18 56	4 10	13 57 13 57	13 53	4 29 4 31	2 45 2 44	4 18 4 18
S 10 M11 T 12	15 16	18 33 2 21 16 34 1 9 13 32 0s10	12 15 1	1 27 18 38 0	53 2 14 55 1 59 56 1 43	0 41	20 34 20 35 20 37	0 54	22 17 22 17 22 18	0 21		0 42		0 7 0 7 0 7	18 55	4 10	13 57 13 57 13 57	13 57	4 33 4 35 4 37	2 44 2 43 2 42	4 18 4 18 4 18
W13 T 14	14 40 14 21	9 38 1 28 5 8 2 42	10 48 1 10 4 1	1 17 18 0 0 1 11 17 41 1	58 1 28 0 1 12	0 40 0 39	20 38 20 39	0 54 0 54	22 18 22 18	0 21 0 21	17 37 17 38	0 42 0 42	17 40 17 41	0 7 0 7	18 55 18 55	4 10 4 10	13 57 13 57	13 59 14 0	4 39 4 41	2 41 2 41	4 18 4 19
F 15 S 16	14 3 13 44	0 19 3 46 4n29 4 34	8 36 0	0 59 17 1 1	2 0 57 3 0 41	0 38	20 41 20 42	0 54	22 19 22 19	0 20	17 38 17 39	0 42	17 41 17 41		18 55	4 10	13 57 13 57	14 2	4 43 4 45	2 40 2 39	4 19 4 19
S 17 M18 T 19		8 59 5 5 12 55 5 17 16 3 5 10	7 8 0	0 53 16 40 1 0 46 16 19 1 0 39 15 57 1	5 0 26 6 0 10 8 0s 6	0 37	20 43 20 44 20 45	0 54	22 20 22 20 22 20	0 20	17 40 17 40 17 41	0 42	17 42 17 42 17 43	0 7	18 55	4 10	13 57 13 57 13 57	14 4	4 47 4 49 4 51	2 38 2 37 2 36	4 19 4 19 4 19
W20 T 21 F 22		18 14 4 45 19 20 4 4 19 20 3 11	4 56 0		9 0 21 10 0 37 12 0 53	0 35	20 46 20 47 20 48	0 54	22 2122 2122 22	0 20	17 42 17 42 17 43	0 42		0 6 0 6 0 6	18 54	4 10	13 57 13 57 13 57	14 7	4 53 4 55 4 57	2 36 2 35 2 34	4 19 4 19 4 19
S 23 S 24	11 27 11 6	18 17 2 9 16 19 1 1	3 29 0 2 46 0		13 1 8 14 1 24		20 4920 50		22 2222 22		17 44 17 44		17 44 17 45	0 6 0 6			13 5613 56		4 595 1	2 332 32	4 19 4 19
M25 T 26 W27		13 35 On 8 10 17 1 16 6 35 2 19	1 21 0	0 17 13 12 1	15 1 40 16 1 56 17 2 11	0 32	20 51 20 52 20 53	0 55	22 23 22 23 22 23	0 19 0 19 0 19	17 45	0 42	17 46	0 6 0 6 0 6	18 54	4 10	13 56 13 56 13 57	14 12	5 4 5 6 5 8	2 31 2 30 2 29	4 19 4 19 4 19
T 28 F 29	9 43 9 22	2 40 3 16 1s19 4 3	0s 3 0 0 44 0	0 34 12 22 1 0 43 11 56 1	18 2 27 19 2 43	0 30 0 30	20 54 20 55	0 55 0 55	22 24 22 24	0 19 0 19	17 47 17 47	0 42 0 42	17 46 17 47	0 6 0 6	18 54 18 54	4 10 4 10	13 57 13 58	14 14 14 15	5 10 5 12	2 28 2 27	4 19 4 19
S 30 S 31	9 0 8n39	5 13 4 39 8s54 5n 3			20 2 59 21 3 s 1 4		20 55 20n56		22 24 22 s24		17 48 17 s48		17 47 17 s48	0 6 0n 6			13 58 13n59		5 14 5s16	2 26 2n25	4 19 4n19

 $\label{eq:Julian Day Number = 2512387.5, Delta\ T = 133.77\ sec} \\ Ecliptic\ obliquity = 23°24'56, Nutation = -0°00'09, out-of-bounds\ declination\ in\ red$

Ayanamsha: Fagan/Bradley = 27°04'05, Lahiri = 26°11'05

SEPTEMBER 2166 00:00 UT

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Day	Sid.t	0	D	ğ	Ş	ď	4	ħ)∤(并	В	v	v	Ç	ę,	Day
M 1	22 41 3	8 m 44'04	18 M 23	4 ₽ 9	5 m 51	9 ≏ 56	9∏32	13°R37	12°R 6	9°R20	99549	22°R31	21 Q 34	24 Ω 45	26°R 3	M 1
T 2	22 45 0	9°42'04	0 ∡ 22	5°25	7° 5	10°34	9°37	13 云 35	12≈ 4	9≈19	9°50	$22\Omega_{30}$	21°31	24°52	26 米 0	T 2
W 3	22 48 56	10°40'05	12°32	6°39	8°20	11°13	9°42	13°34	12° 2	9°18	9°51	22°D30	21°28	24°58	25°58	W 3
T 4	22 52 53	11°38'08	24°57	7°51	9°34	11°52	9°47	13°33	12° 0	9°16	9°52	22°31	21°24	25° 5	25°55	T 4
F 5	22 56 49	12°36'12	7 궁 41	9° 2	10°48	12°31	9°52	13°31	11°58	9°15	9°53	22°32	21°21	25°12	25°52	F 5
S 6	23 0 46	13°34'17	20°49	10°10	12° 3	13°10	9°56	13°30	11°56	9°14	9°53	22°33	21°18	25°19	25°50	S 6
S 7	23 4 43	14°32'24	4≈21	11°16	13°17	13°49	10° 0	13°29	11°54	9°12	9°54	22°35	21°15	25°25	25°47	S 7
M 8	23 8 39	15°30'32	18°20	12°20	14°32	14°28	10° 5	13°28	11°52	9°11	9°55	22°R35	21°12	25°32	25°44	M 8
T 9	23 12 36	16°28'41	2) (43	13°22	15°46	15° 7	10° 9	13°27	11°50	9°10	9°55	22°35	21° 9	25°39	25°41	T 9
W10	23 16 32	17°26'53	17°27	14°21	17° 1	15°46	10°13	13°27	11°48	9° 9	9°56	22°34	21° 5	25°45	25°39	W10
T 11	23 20 29	18°25'06	2 Υ 24	15°18	18°15	16°25	10°16	13°26	11°47	9° 8	9°57	22°31	21° 2	25°52	25°36	T 11
F 12	23 24 25	19°23'20	17°25	16°11	19°30	17° 4	10°20	13°25	11°45	9° 6	9°57	22°28	20°59	25°59	25°33	F 12
S 13	23 28 22	20°21'37	2 8 23	17° 2	20°44	17°43	10°23	13°25	11°43	9° 5	9°58	22°24	20°56	26° 6	25°30	S 13
S 14	23 32 18	21°19'56	17° 8	17°49	21°59	18°23	10°26	13°25	11°41	9° 4	9°59	22°20	20°53	26°12	25°28	S 14
M15	23 36 15	22°18'17	1 Ⅱ 35	18°33	23°13	19° 2	10°29	13°24	11°40	9° 3	9°59	22°18	20°49	26°19	25°25	M15
T 16	23 40 12	23°16'40	15°40	19°14	24°28	19°41	10°32	13°24	11°38	9° 2	10° 0	22°16	20°46	26°26	25°22	T 16
W17	23 44 8	24°15'05	29°23	19°50	25°43	20°21	10°34	13°D24	11°37	9° 1	10° 0	22°D16	20°43	26°32	25°19	W17
T 18	23 48 5	25°13'33	129544	20°22	26°57	21° 0	10°37	13°24	11°35	9° 0	10° 1	22°17	20°40	26°39	25°16	T 18
F 19	23 52 1	26°12'02	25°45	20°49	28°12	21°40	10°39	13°24	11°34	8°59	10° 1	22°19	20°37	26°46	25°14	F 19
S 20	23 55 58	27°10'34	8 Ω 30	21°12	29°27	22°19	10°41	13°24	11°32	8°58	10° 2	22°20	20°34	26°53	25°11	S 20
S 21	23 59 54	28° 9'08	21° 0	21°29	0 ჲ 41	22°59	10°43	13°25	11°31	8°57	10° 2	22°R21	20°30	26°59	25° 8	S 21
M22	0 3 51	29° 7'44	3 m 19	21°41	1°56	23°39	10°44	13°25	11°29	8°56	10° 3	22°20	20°27	27° 6	25° 5	M22
T 23	0 7 47	0 ♀ 6'21	15°28	21°R46	3°11	24°19	10°46	13°25	11°28	8°55	10° 3	22°18	20°24	27°13	25° 2	T 23
W24	0 11 44	1° 5'01	27°31	21°45	4°25	24°59	10°47	13°26	11°27	8°54	10° 4	22°14	20°21	27°19	25° 0	W24
T 25	0 15 41	2° 3'43	9 ₾ 28	21°38	5°40	25°38	10°48	13°27	11°25	8°54	10° 4	22° 7	20°18	27°26	24°57	T 25
F 26	0 19 37	3° 2'27	21°21	21°23	6°55	26°18	10°48	13°28	11°24	8°53	10° 4	22° 0	20°15	27°33	24°54	F 26
S 27	0 23 34	4° 1'12	3 M .12	21° 1	8°10	26°58	10°49	13°28	11°23	8°52	10° 5	21°52	20°11	27°40	24°51	S 27
S 28	0 27 30	5° 0'00	15° 3	20°32	9°24	27°39	10°49	13°29	11°22	8°51	10° 5	21°44	20° 8	27°46	24°48	S 28
M29	0 31 27	5°58'49	26°56	19°56	10°39	28°19	10°R50	1 <u>3</u> °31	11°21	8°51	10° 5	21°37	20° 5	27°53	24°46	M29
T 30	0 35 23	6 ♀ 57'40	8 ∡ 755	19 ≏ 13	11 ≏ 54	28 ₽ 59	10耳50	13 る 32	11≈20	8≈50	1095 5	$21\Omega_{31}$	20Ω 2	28 ♀ 0	24) 43	T 30

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M 1	8n17	12s14	5n15	2 s43	1 s 1 0	10n37	1n21	3 s30	0n28	20n57	0 s55	22 s25	0n19	17 s49	0 s42	17 s48	0n 6	18n53	4s10	14n (14n18	5 s 1 8	2n24	4n19
T 2	7 55	15 7	5 13	3 21	1 19	10 10	1 22	3 46	0 27	20 58	0 55	22 25	0 18	17 50	0 42	17 48	0 6	18 53	4 10	14 (14 19	5 20	2 23	4 19
W 3	7 34	17 22	4 57	3 59	1 28	9 43	1 23	4 1	0 27	20 58	0 55	22 25	0 18	17 50	0 42	17 49	0 6	18 53	4 11	14 (14 20	5 22	2 22	4 19
T 4	7 12	18 53	4 27	4 36	1 37	9 16	1 23	4 17	0 26	20 59	0 56	22 25	0 18	17 51	0 42	17 49	0 6	18 53	4 11	14 (14 21	5 24	2 21	4 19
F 5	6 49	19 29	3 43	5 12	1 46	8 48	1 24	4 33	0 25	20 59	0 56	22 26	0 18	17 51	0 42	17 49	0 6	18 53	4 11	13 59	14 22	5 26	2 20	4 19
S 6	6 27	19 4	2 46	5 47	1 55	8 20	1 24	4 49	0 25	21 0	0 56	22 26	0 18	17 52	0 42	17 50	0 6	18 53	4 11	13 59	14 23	5 28	2 19	4 19
S 7	6 5	17 33	1 39	6 21	2 4	7 52	1 24	5 4	0 24	21 1	0 56	22 26	0 18	17 52	0 41	17 50	0 6	18 53	4 11	13 59	14 24	5 30	2 18	4 19
M 8	5 42	14 57	0 23	6 54	2 13	7 23	1 25	5 20	0 24	21 1	0 56	22 26	0 18	17 53	0 41	17 50	0 6	18 53	4 11	13 58	14 25	5 32	2 17	4 19
T 9	5 20	11 21	0s55	7 26	2 21	6 54	1 25	5 36	0 23	21 2	0 56	22 27	0 18	17 53	0 41	17 51	0 6	18 53	4 11	13 58	14 26	5 34	2 15	4 19
W10	4 57	6 59	2 12	7 57	2 30	6 26	1 25	5 51	0 22	21 2	0 56	22 27	0 18	17 54	0 41	17 51	0 6	18 53	4 11	13 59	14 27	5 36	2 14	4 19
T 11	4 35	2 8	3 21	8 27	2 38	5 57	1 25	6 7	0 22	21 2	0 56	22 27	0 17	17 54	0 41	17 51	0 6	18 52	4 11	14 (14 28	5 38	2 13	4 19
F 12	4 12	2n53	4 17	8 56	2 47	5 27	1 25	6 22	0 21	21 3	0 56	22 27	0 17	17 55	0 41	17 52	0 6	18 52	4 11	14 1	14 29	5 40	2 12	4 19
S 13	3 49	7 41	4 54	9 23	2 55	4 58	1 25	6 38	0 20	21 3	0 56	22 27	0 17	17 55	0 41	17 52	0 6	18 52	4 11	14 2	14 30	5 43	2 11	4 19
S 14	3 26	11 57	5 12	9 48	3 3	4 28	1 25	6 53	0 20	21 4	0 56	22 27	0 17	17 56	0 41	17 52	0 6	18 52	4 11	14 3	14 31	5 45	2 10	4 19
M15	3 3	15 25	5 9	10 12	3 10	3 59	1 24	7 9	0 19	21 4	0 56	22 28	0 17	17 56	0 41	17 53	0 6	18 52	4 11	14 4	14 32	5 47	2 9	4 19
T 16	2 40	17 53	4 47	10 34	3 17	3 29	1 24	7 24	0 19	21 4	0 57	22 28	0 17	17 56	0 41	17 53	0 6	18 52	4 11	14 4	14 33	5 49	2 7	4 19
W17	2 17	19 15	4 10	10 54	3 24	2 59	1 24	7 40	0 18	21 5	0 57	22 28	0 17	17 57	0 41	17 53	0 6	18 52	4 11	14 5	14 34	5 51	2 6	4 19
T 18	1 54	19 30	3 20	11 12	3 30	2 29	1 23	7 55	0 17	21 5	0 57	22 28	0 17	17 57	0 41	17 53	0 6	18 52	4 11	14 4	14 35	5 53	2 5	4 19
F 19	1 31	18 41	2 20	11 27	3 36	1 59	1 23	8 11	0 17	21 5	0 57	22 28	0 17	17 58	0 41	17 54	0 6	18 52	4 11	14 4	14 36	5 55	2 4	4 19
S 20	1 7	16 55	1 15	11 41	3 41	1 29	1 22	8 26	0 16	21 5	0 57	22 28	0 16	17 58	0 41	17 54	0 6	18 52	4 11	14 3	14 37	5 57	2 3	4 19
S 21	0 44	14 22	0 7	11 51	3 45	0 59	1 22	8 41	0 16	21 5	0 57	22 28	0 16	17 58	0 41	17 54	0 6	18 52	4 11	14 3	14 38	5 59	2 2	4 19
M22	0 21	11 12	0n59	11 59	3 49	0 28	1 21	8 57	0 15	21 6	0 57	22 28	0 16	17 59	0 41	17 55	0 6	18 52	4 11	14 3	14 39	6 1	2 0	4 19
T 23	0s 3	7 36	2 2	12 3	3 52	0s 2	1 21	9 12	0 14	21 6	0 57	22 28	0 16	17 59	0 41	17 55	0 6	18 52	4 11	14 4	14 40	6 3	1 59	4 18
W24	0 26	3 44	2 59	12 5	3 54	0 32	1 20	9 27	0 14	21 6	0 57	22 28	0 16	17 59	0 41	17 55	0 6	18 51	4 11	14 5	14 41	6 5	1 58	4 18
T 25	0 49	0s15	3 48	12 2	3 54	1 2	1 19	9 42	0 13	21 6	0 57	22 28	0 16	18 0	0 41	17 55	0 6	18 51	4 11	14 7	14 42	6 7	1 57	4 18
F 26	1 12	4 12	4 26	11 56	3 54	1 33	1 18	9 57	0 12	21 6	0 57	22 28	0 16	18 0	0 41	17 55	0 6	18 51	4 11	14 10	14 43	6 9	1 56	4 18
S 27	1 36	7 59	4 52	11 46	3 51	2 3	1 17	10 12	0 12	21 6	0 57	22 28	0 16	18 0	0 41	17 56	0 6	18 51	4 11	14 12	14 44	6 11	1 54	4 18
S 28	1 59	11 27	5 6	11 32	3 48	2 33	1 16	10 27	0 11	21 6	0 58	22 28	0 16	18 1	0 41	17 56	0 6	18 51	4 11	14 15	14 45	6 13	1 53	4 18
M29	2 22	14 28	5 7	11 13	3 43	3 4	1 15	10 42	0 11	21 6	0 58	22 28	0 16	18 1	0 41	17 56	0 6	18 51	4 12	14 17	14 46	6 15	1 52	4 18
T 30	2 s46	16 s55	4n54	10s50	3 s36	3 s34	1n14	10 s57	0n10	21n 6	0 s 5 8	22 s28	0n15	18 s 1	0s41	17s56	0n 6	18n51	4s12	14n19	14n47	6s17	1n51	4n18

 $\label{eq:Julian Day Number = 2512418.5, Delta\ T = 133.84\ sec} \\ Ecliptic\ obliquity = 23°24'57, Nutation = -0°00'10, out-of-bounds\ declination\ in\ red\ Ayanamsha:\ Fagan/Bradley = 27°04'09, Lahiri = 26°11'10}$

OCTOBER 2166 00:00 UT

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Day	Sid.t	0	D	ğ	φ	♂	4	ħ)∤(¥	В	ß	ນ	Ç	ę,	Day
W 1	0 39 20	7 丘 56'33	21 🗷 3	18°R22	13 ♀ 9	29 Ω 39	10°R49	13 る 33	11°R19	8°R49	1095 6	21°R28	19 Ω 59	28 ♀ 6	24°R40	W 1
T 2	0 43 16	8°55'27	3 る 24	17 ≏ 26	14°23	0 M .19	10∏49	13°34	11≈18	8 ≈ 49	10° 6	21°D26	19°55	28°13	24) 38	T 2
F 3	0 47 13	9°54'24	16° 2	16°25	15°38	1° 0	10°48	13°36	11°17	8°48	10° 6	$21\Omega_{26}$	19°52	28°20	24°35	F 3
S 4	0 51 9	10°53'22	29° 3	15°19	16°53	1°40	10°47	13°37	11°16	8°48	10° 6	21°27	19°49	28°26	24°32	S 4
S 5	0 55 6	11°52'22	12≈29	14°11	18° 8	2°21	10°46	13°39	11°15	8°47	10° 6	21°28	19°46	28°33	24°30	S 5
M 6	0 59 3	12°51'23	26°24	13° 2	19°22	3° 1	10°45	13°41	11°15	8°46	10° 6	21°R28	19°43	28°40	24°27	M 6
T 7	1 2 59	13°50'27	10) (47	11°54	20°37	3°42	10°44	13°43	11°14	8°46	10° 7	21°27	19°40	28°47	24°24	T 7
W 8	1 6 56	14°49'32	25°35	10°49	21°52	4°22	10°42	13°45	11°13	8°46	10° 7	21°23	19°36	28°53	24°22	W 8
T 9	1 10 52	15°48'39	10 Y 43	9°48	23° 7	5° 3	10°40	13°47	11°13	8°45	10° 7	21°17	19°33	29° 0	24°19	T 9
F 10	1 14 49	16°47'48	26° 1	8°53	24°22	5°44	10°38	13°49	11°12	8°45	10°R 7	21° 9	19°30	29° 7	24°17	F 10
S 11	1 18 45	17°46'59	11 8 17	8° 6	25°37	6°24	10°36	13°51	11°12	8°44	10° 7	21° 1	19°27	29°13	24°14	S 11
S 12	1 22 42	18°46'12	26°22	7°29	26°51	7° 5	10°34	13°54	11°11	8°44	10° 7	20°52	19°24	29°20	24°12	S 12
M13	1 26 38	19°45'28	11 I 6	7° 1	28° 6	7°46	10°31	13°56	11°11	8°44	10° 7	20°45	19°20	29°27	24° 9	M13
T 14	1 30 35	20°44'46	25°23	6°44	29°21	8°27	10°28	13°58	11°10	8°44	10° 7	20°40	19°17	29°34	24° 7	T 14
W15	1 34 32	21°44'06	99511	6°D38	0 M .36	9° 8	10°25	14° 1	11°10	8°43	10° 6	20°38	19°14	29°40	24° 4	W15
T 16	1 38 28	22°43'29	22°33	6°42	1°51	9°49	10°22	14° 4	11°10	8°43	10° 6	20°D37	19°11	29°47	24° 2	T 16
F 17	1 42 25	23°42'54	5 Ω 29	6°58	3° 6	10°30	10°19	14° 7	11° 9	8°43	10° 6	20°37	19°8	29°54	24° 0	F 17
S 18	1 46 21	24°42'21	18° 5	7°23	4°20	11°11	10°15	14° 9	11° 9	8°43	10° 6	20°R38	19° 5	0 M 0	23°57	S 18
S 19	1 50 18	25°41'50	0 m 25	7°58	5°35	11°52	10°11	14°12	11° 9	8°43	10° 6	20°37	19° 1	0° 7	23°55	S 19
M20	1 54 14	26°41'22	12°33	8°42	6°50	12°34	10° 7	14°15	11° 9	8°43	10° 6	20°35	18°58	0°14	23°53	M20
T 21	1 58 11	27°40'56	24°33	9°35	8° 5	13°15	10° 3	14°19	11°D 9	8°D43	10° 5	20°30	18°55	0°21	23°51	T 21
W22	2 2 7	28°40'32	6 ≏ 28	10°34	9°20	13°56	9°59	14°22	11° 9	8°43	10° 5	20°22	18°52	0°27	23°48	W22
T 23	2 6 4	29°40'10	18°20	11°40	10°35	14°38	9°54	14°25	11° 9	8°43	10° 5	20°12	18°49	0°34	23°46	T 23
F 24	2 10 1	0 M 39'50	0 M .11	12°52	11°50	15°19	9°50	14°29	11° 9	8°43	10° 5	19°59	18°46	0°41	23°44	F 24
S 25	2 13 57	1°39'32	12° 3	14° 8	13° 5	16° 1	9°45	14°32	11° 9	8°43	10° 4	19°45	18°42	0°47	23°42	S 25
S 26	2 17 54	2°39'17	23°57	15°29	14°20	16°43	9°40	14°36	11°10	8°43	10° 4	19°32	18°39	0°54	23°40	S 26
M27	2 21 50	3°39'03	5 ₹ 55	16°54	15°34	17°24	9°34	14°39	11°10	8°44	10° 4	19°19	18°36	1° 1	23°38	M27
T 28	2 25 47	4°38'51	17°57	18°21	16°49	18° 6	9°29	14°43	11°10	8°44	10° 3	19° 9	18°33	1° 8	23°36	T 28
W29	2 29 43	5°38'40	8 중0	19°51	18° 4	18°48	9°23	14°47	11°11	8°44	10° 3	19° 1	18°30	1°14	23°34	W29
T 30	2 33 40	6°38'32	12°29	21°23	19°19	19°30	9°18	14°51	11°11	8°44	10° 2	18°56	18°26	1°21	23°32	T 30
F 31	2 37 36	7 M 38'25	25중 5	22 ≙ 57	20 M 34	20 M 12	9∏12	14 궁 55	11≈12	8 ≈ 45	1095 2	18 Ω 54	18 Ω 23	1 M 28	23 米 31	F 31

Day	0	D	ğ	Q	ď	4	ħ)∤(并	Р	w v	Ç	ę,
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl dec	l decl	decl lat
W 1 T 2	3 s 9 3 32	18 s 39 4 n 28 19 33 3 50		s27 4s 4 1n1:			22 s28	18s 1 0s41 18 2 0 41	17 s 56 On 6 17 57 O 6		14n20 14n4 14 21 14 4		1n50 4n18 1 48 4 17
F 3	3 55						22 28 0 15	18 2 0 41	17 57 0 6		14 21 14 5		1 47 4 17
S 4	4 18	18 24 1 58	8 37 2	49 5 34 1	11 55 0 8	21 5 0 58	22 28 0 15	18 2 0 41	17 57 0 6	18 51 4 12	14 20 14 5	1 6 26	1 46 4 17
S 5 M 6	4 41 5 4	16 16 0 48 13 7 0s26					22 28 0 15 22 28 0 15		17 57 0 6 17 57 0 6		14 20 14 5 14 20 14 5		-
T 7	5 27	9 5 1 42					22 28 0 15	-	17 57 0 6		14 20 14 5		1 43 4 17
W 8	5 50	4 23 2 52		36 7 33 1	3 12 53 0 5	21 4 0 58	22 28 0 15	18 3 0 41	17 58 0 6	18 51 4 12	14 22 14 5	6 34	1 41 4 17
T 9 F 10	6 13	0n40 3 52		10 0 2 1			22 28 0 14		17 58 0 6		14 24 14 5		-
S 11	6 36 6 58	5 44 4 36 10 26 5 1			-		22 28 0 14 22 28 0 14		17 58 0 6 17 58 0 6		14 26 14 5 14 29 14 5		
S 12	7 21	14 24 5 4	3 12 0	15 9 28 0 50			/ *		17 58 0 6	18 50 4 12	14 31 14 5	9 6 42	1 37 4 16
M13 T 14	7 43 8 6	-		n 4 9 57 0 54 22 10 25 0 55		21 2 0 59 21 2 0 59			17 58 0 6 17 58 0 6		14 34 15 14 35 15	0 6 44 1 6 46	1 36 4 16 1 35 4 16
W15	8 28	19 9 4 11 19 44 3 22		38 10 53 0 5		21 2 0 39			17 58 0 6			2 6 48	1 35 4 16 1 33 4 15
T 16									17 58 0 6		14 36 15	6 50	
F 17 S 18		17 35 1 20 15 11 0 14	1 44 1 1 43 1	7 11 48 0 4 19 12 15 0 4	5 14 58 0s 0 4 15 11 0 1	21 0 0 59 21 0 0 59	22 27 0 14 22 26 0 14	-	17 58 0 6 17 58 0 6		14 36 15 14 36 15	4 6 52 5 6 54	1 31 4 15 1 30 4 15
S 19													
M20	9 55 10 17	12 7 0n52 8 36 1 54		30 12 42 0 43 39 13 9 0 4			22 26 0 13 22 26 0 13				14 36 15 14 37 15	6 6 56 7 6 58	1 29 4 15 1 28 4 14
T 21	10 38	4 46 2 50		47 13 35 0 3			22 26 0 13				14 39 15	8 7 0	
W22	11 0	0 46 3 38	1	53 14 1 0 3			22 25 0 13				14 41 15	9 7 2	1 26 4 14
T 23 F 24	11 21 11 42	3 s 1 4 1 6 7 6 4 4 3	_		1 16 17 0 4 1 16 29 0 5						14 44 15 1 14 48 15 1		1 25 4 14 1 24 4 14
S 25							22 25 0 13				14 53 15 1		
S 26	-						22 24 0 13				14 57 15 1		
M27	-						22 24 0 13				-		1 21 4 13
T 28 W29		18 29 4 24 19 37 3 48					22 24 0 13 22 23 0 13						1 20 4 13 1 19 4 12
T 30	13 43						22 23 0 13						
F 31	14 s 3	19 s 5 2n 2	7s 5 1n	n58 17 s38 0n1:	17 s55 0s 9	20n50 0s59	22 s23 0n12	18s 3 0s40	17s58 On 6	18n50 4s13	15n 9 15n1	8 7 s 2 1	1n17 4n12

Julian Day Number = 2512448.5, Delta T = 133.90 sec Ecliptic obliquity = 23°24'57, Nutation = -0°00'12, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 27°04'13, Lahiri = 26°11'14

NOVEMBER 2166 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ)∤(¥	Р	S.	v	Ç	Ŗ	Day
S 1	2 41 33	8ML38'20	8≈ 0	24 Ω 32	21 M 49	20 M 54	9°R 6	14 ට 59	11≈12	8 ≈ 45	10°R 1	18°D54	18 \O 20	1 M .35	23°R29	S 1
S 2	2 45 30	9°38'16	21°18	26° 9	23° 4	21°36	9 I 0	15° 3	11°13	8°45	1095 1	18°R54	18°17	1°41	23) 27	S 2
M 3	2 49 26	10°38'14	5 ₩ 1	27°46	24°19	22°18	8°53	15° 7	11°13	8°46	10° 0	18 £ 53	18°14	1°48	23°25	M 3
T 4	2 53 23	11°38'14	19°12	29°23	25°34	23° 0	8°47	15°12	11°14	8°46	10° 0	18°50	18°11	1°55	23°24	T 4
W 5	2 57 19	12°38'15	3 Ƴ 51	1 m 1	26°49	23°42	8°40	15°16	11°15	8°47	9°59	18°45	18° 7	2° 1	23°22	W 5
T 6	3 1 16	13°38'18	18°52	2°39	28° 4	24°24	8°34	15°20	11°16	8°47	9°59	18°37	18° 4	2° 8	23°21	T 6
F 7	3 5 12	14°38'22	4 8 8	4°18	29°18	25° 6	8°27	15°25	11°16	8°48	9°58	18°27	18° 1	2°15	23°19	F 7
S 8	3 9 9	15°38'28	19°28	5°56	0 ∡ 33	25°49	8°20	15°30	11°17	8°49	9°57	18°15	17°58	2°22	23°18	S 8
S 9	3 13 5	16°38'37	4 Ⅱ 41	7°35	1°48	26°31	8°13	15°34	11°18	8°49	9°57	18° 4	17°55	2°28	23°16	S 9
M10	3 17 2	17°38'47	19°35	9°13	3° 3	27°13	8° 6	15°39	11°19	8°50	9°56	17°54	17°52	2°35	23°15	M10
T 11	3 20 59	18°38'59	495 4	10°51	4°18	27°56	7°59	15°44	11°20	8°51	9°55	17°47	17°48	2°42	23°14	T 11
W12	3 24 55	19°39'13	18° 3	12°29	5°33	28°38	7°51	15°49	11°21	8°51	9°55	17°42	17°45	2°48	23°12	W12
T 13	3 28 52	20°39'29	1 .0 31	14° 7	6°48	29°21	7°44	15°54	11°23	8°52	9°54	17°40	17°42	2°55	23°11	T 13
F 14	3 32 48	21°39'47	14°32	15°44	8° 3	0 √ 4	7°36	15°59	11°24	8°53	9°53	17°39	17°39	3° 2	23°10	F 14
S 15	3 36 45	22°40'07	27° 9	17°22	9°18	0°46	7°29	16° 4	11°25	8°54	9°53	17°39	17°36	3° 9	23° 9	S 15
S 16	3 40 41	23°40'29	9 10 27	18°59	10°32	1°29	7°21	16° 9	11°26	8°54	9°52	17°39	17°32	3°15	23° 8	S 16
M17	3 44 38	24°40'53	21°32	20°36	11°47	2°12	7°13	16°14	11°28	8°55	9°51	17°36	17°29	3°22	23° 7	M17
T 18	3 48 34	25°41'18	3 ₾ 28	22°12	13° 2	2°55	7° 5	16°20	11°29	8°56	9°50	17°31	17°26	3°29	23° 6	T 18
W19	3 52 31	26°41'46	15°19	23°48	14°17	3°38	6°57	16°25	11°30	8°57	9°49	17°23	17°23	3°35	23° 5	W19
T 20	3 56 27	27°42'15	27° 9	25°24	15°32	4°21	6°49	16°30	11°32	8°58	9°48	17°12	17°20	3°42	23° 4	T 20
F 21	4 0 24	28°42'46	9 ™ 1	27° 0	16°47	5° 4	6°41	16°36	11°34	8°59	9°48	16°59	17°17	3°49	23° 4	F 21
S 22	4 4 21	29°43'19	20°56	28°35	18° 2	5°47	6°33	16°41	11°35	9° 0	9°47	16°44	17°13	3°56	23° 3	S 22
S 23	4 8 17	0 ∡ ¹43'53	2 ₹ 56	0 ∡ 10	19°17	6°30	6°25	16°47	11°37	9° 1	9°46	16°30	17°10	4° 2	23° 2	S 23
M24	4 12 14	1°44'29	15° 2	1°45	20°32	7°13	6°17	16°53	11°38	9° 3	9°45	16°16	17° 7	4° 9	23° 2	M24
T 25	4 16 10	2°45'06	27°15	3°20	21°47	7°57	6° 9	16°58	11°40	9° 4	9°44	16° 5	17° 4	4°16	23° 1	T 25
W26	4 20 7	3°45'44	9 ප 36	4°55	23° 1	8°40	6° 1	17° 4	11°42	9° 5	9°43	15°57	17° 1	4°22	23° 1	W26
T 27	4 24 3	4°46'24	22° 7	6°29	24°16	9°23	5°52	17°10	11°44	9° 6	9°42	15°52	16°58	4°29	23° 0	T 27
F 28	4 28 0	5°47'05	4≈50	8° 4	25°31	10° 7	5°44	17°16	11°46	9° 7	9°41	15°49	16°54	4°36	23° 0	F 28
S 29	4 31 57	6°47'47	17°47	9°38	26°46	10°50	5°36	17°22	11°47	9° 9	9°40	15°D49	16°51	4°43	23° 0	S 29
S 30	4 35 53	7 ∡ ¹48'30	1 米 2	11 × 12	28 × 1	11 ~ 34	5Ⅲ28	17 る 28	11 ≈ 49	9 ≈ 10	9939	15°R49	16 Ω 48	4 M .49	22 米 59	S 30

Day	0	J		ğ	i	ç)	С	7	2	ł	ŧ)	ľ (4		Е)	ß	ß	Ç	لح	5
	decl	decl lat	ıt	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	14 s22	17 s20	0n57	7 s43	1n54	18s 0	0n13	18s 7	0s 9	20n49	0 s59	22 s22	0n12	18s 2	0 s40	17s58	0n 5	18n50	4s13	15n 9	15n19	7 s23	1n16	4n12
S 2	14 41	14 35 (0s13	8 22	1 51	18 21	0 10	18 18	0 10	20 48	0 59	22 22	0 12	18 2	0 40	17 58	0 5	18 50	4 13	15 9	15 20	7 25	1 15	4 11
M 3	15 0	10 58 1	1 24	9 1	1 46	18 42	0 8	18 30	0 11	20 47	0 59	22 22	0 12	18 2	0 40	17 58	0 5	18 50	4 13	15 9	15 21	7 27	1 14	4 11
T 4	15 19	6 37 2	2 33	9 40	1 42	19 3	0 5	18 41	0 11	20 46	0 59	22 21	0 12	18 2	0 40	17 58	0 5	18 50	4 13	15 10	15 22	7 29	1 13	4 11
W 5	15 37	_	3 34		1 36	19 23				20 45		22 21	0 12	-	0 40		0 5	18 50	-	15 11	-	7 31	1 13	4 11
T 6	15 55	-		10 57	1 31			19 3		20 44		22 20	0 12		0 40		0 5			15 14		7 33	1 12	4 10
F 7	16 13		4 51		1 25			19 14		20 43		22 20	0 12	-		17 57	0 5			15 17		7 35	1 11	4 10
S 8	16 30	12 46 5	5 0	12 14	1 19	20 19	0 5	19 25	0 14	20 42	0 59	22 19	0 12	18 1	0 40	17 57	0 5	18 50	4 13	15 21	15 26	7 37	1 10	4 10
S 9	16 48	16 20	4 48	12 52	1 13	20 37	0 7	19 35	0 14	20 41	0 59	22 19	0 12	18 0	0 40	17 57	0 5	18 50	4 13	15 24	15 27	7 39	1 9	4 10
M10	17 5	18 45	4 16	13 30	1 7	20 54	0 10	19 46	0 15	20 40	0 59	22 19	0 11	18 0	0 40	17 57	0 5	18 50	4 13	15 27	15 28	7 41	1 9	4 9
T 11	17 21	19 53 3	3 28	14 6	1 1	21 11	0 12	19 56	0 15	20 39	0 59	22 18	0 11	18 0	0 40	17 57	0 5	18 50	4 13	15 29	15 29	7 43	1 8	4 9
W12	17 38	19 44 2	2 30	14 43	0 54	21 27	0 15	20 6	0 16	20 38	0 59	22 18	0 11	18 0	0 40	17 57	0 5	18 50	4 13	15 31	15 30	7 45	1 7	4 9
T 13	17 54	18 26	1 24	15 18	0 47	21 42	0 17	20 16	0 17	20 37	0 59	22 17	0 11	17 59	0 40	17 56	0 5	18 50	4 13	15 31	15 31	7 47	1 6	4 9
F 14	18 10	16 12 (0 17	15 53	0 41	21 57	0 20	20 25	0 17	20 35	0 59	22 17	0 11	17 59	0 40	17 56	0 5	18 50	4 13	15 32	15 32	7 49	1 6	4 8
S 15	18 25	13 14 (0n50	16 27	0 34	22 11	0 22	20 35	0 18	20 34	0 59	22 16	0 11	17 58	0 40	17 56	0 5	18 50	4 13	15 32	15 33	7 52	1 5	4 8
S 16	18 40	9 45 1	1 53	17 1	0 27	22 25	0 25	20 44	0 18	20 33	0 59	22 16	0 11	17 58	0 40	17 56	0 5	18 50	4 13	15 32	15 34	7 54	1 4	4 8
M17	18 55	5 56 2	2 49	17 33	0 20	22 38	0 27	20 53	0 19	20 32	0 59	22 15	0 11	17 58	0 40	17 55	0 5	18 50	4 13	15 33	15 35	7 56	1 4	4 8
T 18	19 10	1 57 3	3 37	18 5	0 13	22 50	0 30	21 2	0 19	20 31	0 58	22 15	0 11	17 57	0 40	17 55	0 5	18 50	4 13	15 34	15 36	7 58	1 3	4 7
W19	19 24		4 15		0 7			21 11	0 20	20 29		22 14		17 57		17 55	0 5	18 50	4 13	15 37	15 37	8 0	1 2	4 7
T 20	19 38	-	4 42			23 12		21 20		20 28		22 13		17 56		17 55	0 5			15 40		8 2	1 2	4 7
F 21	19 51			19 35		23 22		21 28		20 27		22 13		17 56		17 55	0 5		-	15 44		8 4	1 1	4 6
S 22	20 4	13 9 4	4 59 2	20 3	0 14	23 32	0 39	21 36	0 22	20 26	0 58	22 12	0 10	17 55	0 39	17 54	0 5	18 51	4 13	15 48	15 39	8 6	1 1	4 6
S 23	20 17	16 1 4	4 48 2	20 30	0 20	23 41	0 42	21 44	0 22	20 24	0 58	22 12	0 10	17 55	0 39	17 54	0 5	18 51	4 13	15 53	15 40	8 8	1 0	4 6
M24	20 29	18 13	4 24 2	20 56	0 27	23 49	0 44	21 52	0 23	20 23	0 58	22 11	0 10	17 55	0 39	17 54	0 5	18 51	4 13	15 57	15 41	8 10	1 0	4 6
T 25	20 41	19 36 3	3 47 2	21 21	0 33	23 56	0 47	22 0	0 24	20 22	0 58	22 10	0 10	17 54	0 39	17 53	0 5	18 51	4 13	16 0	15 42	8 12	0 59	4 5
	20 53	20 5 2	2 59 2		0 40	_	0 49			20 21		22 10		17 53		17 53	0 5	18 51	4 13	16 2	15 43	8 14	0 59	4 5
T 27	21 4			22 8	0 46	24 9		22 15		20 19	0 58	22 9	0 10	17 53	0 39	17 53	0 5		4 13	16 4	15 44	8 16	0 58	4 5
F 28	21 15		0 58 2	-		24 14		22 22		20 18	0 57			17 52		17 52		18 51	4 13		15 45	8 18	0 58	4 4
S 29	21 25	15 39 (0s10	22 50	0 58	24 18	0 56	22 28	0 26	20 17	0 57	22 8	0 10	17 52	0 39	17 52	0 5	18 51	4 13	16 5	15 46	8 20	0 58	4 4
S 30	21 s35	12 s21	1 s20	23 s 9	1 s 4	24 s22	0s58	22 s35	0 s26	20n15	0 s57	22 s 7	0n10	17 s51	0s39	17 s52	0n 5	18n51	4s13	16n 5	15n47	8 s22	0n57	4n 4

Julian Day Number = 2512479.5, Delta T = 133.97 sec Ecliptic obliquity = $23^{\circ}24'56$, Nutation = - $0^{\circ}00'13$, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = $27^{\circ}04'18$, Lahiri = $26^{\circ}11'18$

DECEMBER 2166 00:00 UT

Day	Sid.t	0	D	ğ	φ	ď	4	ħ)ţ(¥	Р	R	Ω	Ç	ķ	Day
M 1	4 39 50	8 .7 '49'14	14) (37	12 × 746	29 × 16	12 ~ 17	5°R20	17 云 34	11≈51	9 ≈ 11	9°R38	15°R49	16 Ω 45	4ML56	22°R59	M 1
T 2	4 43 46	9°49'59	28°35	14°19	0 ට 31	13° 1	5 Ⅱ 12	17°40	11°53	9°13	9937	15 Ω 48	16°42	5° 3	22 米 59	T 2
W 3	4 47 43	10°50'45	12 Y 56	15°53	1°45	13°45	5° 3	17°46	11°55	9°14	9°36	15°44	16°38	5°10	22°59	W 3
T 4	4 51 39	11°51'32	27°38	17°27	3° 0	14°29	4°55	17°52	11°58	9°15	9°35	15°38	16°35	5°16	22°D59	T 4
F 5	4 55 36	12°52'20	12 8 35	19° 0	4°15	15°12	4°47	17°58	12° 0	9°17	9°34	15°29	16°32	5°23	22°59	F 5
S 6	4 59 32	13°53'08	27°39	20°34	5°30	15°56	4°39	18° 4	12° 2	9°18	9°33	15°20	16°29	5°30	22°59	S 6
S 7	5 3 29	14°53'58	12 Ⅱ 41	22° 7	6°45	16°40	4°31	18°11	12° 4	9°20	9°32	15°10	16°26	5°36	22°59	S 7
M 8	5 7 26	15°54'49	27°31	23°41	8° 0	17°24	4°24	18°17	12° 6	9°21	9°31	15° 1	16°23	5°43	22°59	M 8
T 9	5 11 22	16°55'42	1295 0	25°14	9°14	18° 8	4°16	18°24	12° 9	9°23	9°30	14°55	16°19	5°50	23° 0	T 9
W10	5 15 19	17°56'35	26° 3	26°48	10°29	18°52	4° 8	18°30	12°11	9°24	9°28	14°51	16°16	5°57	23° 0	W10
T 11	5 19 15	18°57'29	9 Ω 38	28°21	11°44	19°36	4° 0	18°36	12°13	9°26	9°27	14°D49	16°13	6° 3	23° 0	T 11
F 12	5 23 12	19°58'25	22°46	2 <u>9</u> °54	12°59	20°20	3°53	18°43	12°16	9°28	9°26	14°49	16°10	6°10	23° 1	F 12
S 13	5 27 8	20°59'22	5 m 29	1 る 28	14°13	21° 5	3°45	18°49	12°18	9°29	9°25	14°50	16° 7	6°17	23° 1	S 13
S 14	5 31 5	22° 0'20	17°51	3° 1	15°28	21°49	3°38	18°56	12°21	9°31	9°24	14°R51	16° 4	6°23	23° 2	S 14
M15	5 35 1	23° 1'19	29°58	4°34	16°43	22°33	3°31	19° 3	12°23	9°32	9°23	14°51	16° 0	6°30	23° 2	M15
T 16	5 38 58	24° 2'19	11 ≏ 55	6° 7	17°58	23°17	3°23	19° 9	12°26	9°34	9°22	14°49	15°57	6°37	23° 3	T 16
W17	5 42 55	25° 3'20	23°46	7°40	19°12	24° 2	3°16	19°16	12°29	9°36	9°20	14°45	15°54	6°44	23° 4	W17
T 18	5 46 51	26° 4'22	5 M 37	9°13	20°27	24°46	3° 9	19°23	12°31	9°38	9°19	14°38	15°51	6°50	23° 5	T 18
F 19	5 50 48	27° 5'25	17°31	10°46	21°42	25°31	3° 2	19°29	12°34	9°39	9°18	14°30	15°48	6°57	23° 5	F 19
S 20	5 54 44	28° 6'29	29°30	12°18	22°57	26°15	2°56	19°36	12°37	9°41	9°17	14°21	15°44	7° 4	23° 6	S 20
S 21	5 58 41	29° 7'34	11 ∡ 38	13°50	24°11	27° 0	2°49	19°43	12°39	9°43	9°16	14°12	15°41	7°11	23° 7	S 21
M22	6 2 3 7	0동 8'40	23°55	15°21	25°26	27°45	2°43	19°50	12°42	9°45	9°14	14° 3	15°38	7°17	23° 8	M22
T 23	6 6 34	1° 9'46	6 궁 22	16°52	26°41	28°29	2°36	19°57	12°45	9°47	9°13	13°56	15°35	7°24	23° 9	T 23
W24	6 10 30	2°10'53	19° 0	18°22	27°55	29°14	2°30	20° 3	12°48	9°49	9°12	13°51	15°32	7°31	23°11	W24
T 25	6 14 27	3°12'00	1 ≈ 49	19°51	29°10	2 <u>9</u> °59	2°24	20°10	12°51	9°51	9°11	13°49	15°29	7°37	23°12	T 25
F 26	6 18 24	4°13'07	14°49	21°20	0≈25	0 정 44	2°18	20°17	12°53	9°53	9°10	13°D48	15°25	7°44	23°13	F 26
S 27	6 22 20	5°14'15	28° 2	22°46	1°39	1°29	2°13	20°24	12°56	9°54	9° 8	13°49	15°22	7°51	23°14	S 27
S 28	6 26 17	6°15'22	11 米 27	24°12	2°54	2°14	2° 7	20°31	12°59	9°56	9° 7	13°50	15°19	7°58	23°16	S 28
M29	6 30 13	7°16'30	25° 6	25°35	4° 8	2°59	2° 2	20°38	13° 2	9°58	9° 6	13°52	15°16	8° 4	23°17	M29
T 30	6 34 10	<u>8</u> °17'38	9 Υ 0	26°56	5°23	<u>3°44</u>	1°56	20°45	13° 5	10° 0	9° 5	13°R52	15°13	8°11	23°18	T 30
W31	6 38 6	9 ට 18'46	23 Y 9	28 궁 15	6≈37	4 る 29	1 Ⅱ 51	20 궁 52	13 ≈ 8	10≈ 2	9 9 4	13 N 51	15 Ω 10	8 M .18	23 米 20	W31

Day	0	D	ğ	φ	(31	2	1	ħ	 l)į	(\f	Р	ß	ນ	Ç	ď	
	decl	decl lat	decl	lat decl l	lat decl	lat	decl	lat	decl	lat	decl	lat	decl lat	decl lat	decl	decl	decl	decl	lat
M 1	21 s45	8 s 18 2 s	s27 23 s28	1s10 24s25	1s 0 22s41	0 s27	20n14	0 s57	22 s 6	0n10	17 s51	0s39	17s52 On	5 18n51 4s	13 16n 5	15n48	8 s24	0n57	4n 4
T 2	21 54	3 43 3	27 23 45	1 15 24 27	1 2 22 48	0 28	20 13	0 57	22 6	0 10	17 50	0 39	17 51 0	5 18 51 4	13 16 5	15 49	8 26	0 57	4 3
W 3	22 3	1n11 4	16 24 0	1 21 24 29	1 4 22 54	0 28	20 11	0 57	22 5	0 9	17 50	0 39	17 51 0	5 18 51 4	13 16 6	15 50	8 28	0 56	4 3
T 4	22 11	6 7 4	49 24 15	1 26 24 29	1 6 22 59	0 29	20 10	0 57	22 4	0 9	17 49	0 39	17 50 0	5 18 51 4	13 16 8	15 51	8 30	0 56	4 3
F 5	22 19	10 47 5	3 24 28	1 31 24 29	1 8 23 5	0 29	20 9	0 56	22 3	0 9	17 48	0 39	17 50 0	5 18 51 4	13 16 11	15 52	8 32	0 56	4 2
S 6	22 27	14 48 4	57 24 41	1 36 24 28	1 10 23 10	0 30	20 8	0 56	22 3	0 9	17 48	0 39	17 50 0	5 18 52 4	13 16 13	15 53	8 34	0 55	4 2
S 7	22 34	17 50 4	30 24 51	1 41 24 27	1 12 23 15	0 30	20 6	0 56	22 2	0 9	17 47	0 39	17 49 0	5 18 52 4	13 16 16	15 54	8 36	0 55	4 2
M 8	22 40	19 39 3	45 25 1	1 45 24 25	1 14 23 20	0 31	20 5	0 56	22 1	0 9	17 46	0 39	17 49 0	5 18 52 4	13 16 19	15 55	8 38	0 55	4 1
T 9	22 46	20 7 2	46 25 9	1 49 24 22	1 16 23 24	0 31	20 4	0 56	22 0	0 9	17 46	0 39	17 49 0	5 18 52 4	13 16 21	15 56	8 40	0 55	4 1
W10	22 52	19 18 1	39 25 16	1 53 24 18	1 18 23 29	0 32	20 2	0 56	22 0	0 9	17 45	0 39	17 48 0	5 18 52 4	13 16 22	15 57	8 42	0 55	4 1
T 11	22 57	17 22 0	28 25 21	1 57 24 13	1 20 23 33	0 33	20 1	0 55	21 59	0 9	17 44	0 39	17 48 0	5 18 52 4	13 16 22	15 58	8 44	0 55	4 1
1	23 2	14 35 On	n43 25 25	2 0 24 8	1 21 23 37	0 33	20 0	0 55	21 58	0 9	17 44	0 39	17 47 0	5 18 52 4	13 16 22	15 59	8 46	0 55	4 0
S 13	23 7	11 11 1	49 25 28	2 3 24 2	1 23 23 40	0 34	19 59	0 55	21 57	0 9	17 43	0 39	17 47 0	5 18 52 4	13 16 22	16 0	8 48	0 54	4 0
S 14	23 10	7 22 2	48 25 29	2 6 23 55	1 25 23 44	0 34	19 58	0 55	21 56	0 9	17 42	0 39	17 46 0	5 18 52 4	13 16 22	16 0	8 51	0 54	4 0
M15	23 14	3 21 3	38 25 29	2 9 23 48	1 26 23 47	0 35	19 56	0 55	21 55	0 8	17 41	0 39	17 46 0	5 18 52 4	13 16 22	16 1	8 53	0 54	3 59
	23 17		18 25 27	2 11 23 40	1 28 23 50		19 55		21 55	0 8	17 41	0 39	17 46 0	5 18 53 4	13 16 22	16 2	8 55	0 54	3 59
	23 19		47 25 24	2 12 23 31	1 29 23 53		19 54		21 54		17 40				13 16 24		8 57	0 54	3 59
-	23 21	8 37 5	3 25 19	2 14 23 21	1 31 23 55		19 53		21 53		17 39				13 16 26		8 59	0 54	3 59
		12 8 5	7 25 13	2 15 23 11	1 32 23 57		19 52		21 52		17 38				13 16 28		9 1	0 55	3 58
S 20	23 24	15 12 4	57 25 5	2 15 23 0	1 33 23 59	0 37	19 51	0 54	21 51	0 8	17 38	0 39	17 44 0	5 18 53 4	13 16 31	16 6	9 3	0 55	3 58
S 21	23 25	17 39 4	33 24 56	2 15 22 48	1 34 24 1	0 38	19 50	0 53	21 50	0 8	17 37	0 39	17 43 0	5 18 53 4	13 16 33	16 7	9 5	0 55	3 58
M22	23 25	19 20 3	57 24 46	2 15 22 36	1 35 24 2	0 38	19 49	0 53	21 49	0 8	17 36	0 39	17 43 0	5 18 53 4	13 16 36	16 8	9 7	0 55	3 57
1	23 25		9 24 34	2 14 22 23	1 36 24 3	0 39	19 48	0 53	21 48	0 8	17 35	0 39	17 42 0	5 18 53 4	13 16 38	16 9	9 9	0 55	3 57
	23 24		10 24 20	2 12 22 9	1 37 24 4		19 47		21 47		17 34				13 16 39		9 11	0 55	3 57
	23 23		5 24 5	2 10 21 55	1 38 24 5		19 46		21 46		17 34				13 16 40		9 13	0 55	3 57
	23 21		s 6 23 49	2 7 21 40	1 39 24 5				21 46		17 33				13 16 40		9 15	0 56	3 56
S 27	23 19	13 21 1	17 23 31	2 3 21 24	1 40 24 5	0 41	19 44	0 52	21 45	0 8	17 32	0 39	17 40 0	5 18 54 4	13 16 40	16 13	9 17	0 56	3 56
	23 16	9 30 2	25 23 13		1 41 24 5		19 43		21 44		17 31				13 16 39	16 14	9 19	0 56	3 56
	23 13	5 6 3	26 22 52	1 54 20 51	1 41 24 5		19 42		21 43		17 30				13 16 39	16 15	9 21	0 56	3 55
T 30	23 9	0 22 4	16 22 31	1 48 20 33	1 42 24 4	0 43	19 41	0 51	21 42	0 7	17 29	0 39	17 39 0	5 18 54 4	13 16 39	16 15	9 23	0 57	3 55
W31	23 s 5	4n28 4s	s52 22 s 9	1 s42 20 s15	1 s43 24 s 3	0 s43	19n41	0 s51	21 s41	0n 7	17 s28	0s39	17 s38 On	5 18n54 4s	13 16n39	16n16	9 s 2 5	0n57	3n55

Julian Day Number = 2512509.5, Delta T = 134.03 sec Ecliptic obliquity = 23°24'56, Nutation = -0°00'13, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 27°04'22, Lahiri = 26°11'22