

Astrodienst Ephemeris Tables for the year 1431

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 1431 JC 00:00 UT

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Day	Sid.t	0	D	ğ	φ	♂ [™]	4	ħ)∤(¥	Р	₽.	ß	Ç	Ŗ	Day
M 1	7 14 39	19 る 11'45	13 N 27	5°R42	24 ×7 5	18 ≏ 58	0 8 38	16 궁 36	21 ° 5	15°R37	7°R18	27°R56	29≈40	1 M) 45	9) €42	M 1
T 2	7 18 36	20°12'50	25°20	5중 2	25°20	19°25	0°41	16°43	21° 5	15 Ω 36	79516	27°D55	29°37	1°52	9°44	T 2
W 3	7 22 33	21°13'54	7Mm, 8	4°31	26°35	19°52	0°44	16°50	21° 6	15°34	7°15	27≈55	29°34	1°58	9°47	W 3
T 4	7 26 29	22°14'58	18°54	4°10	27°50	20°18	0°48	16°57	21° 7	15°33	7°14	27°56	29°31	2° 5	9°50	T 4
F 5	7 30 26	23°16'01	0 ჲ 44	3°58	29° 4	20°45	0°52	17° 4	21° 7	15°31	7°13	27°58	29°28	2°12	9°53	F 5
S 6	7 34 22	24°17'04	12°41	3°D54	0 궁 19	21°11	0°56	17°11	21° 8	15°30	7°12	28° 0	29°25	2°18	9°56	S 6
S 7	7 38 19	25°18'07	24°52	3°59	1°34	21°37	1° 0	17°18	21° 9	15°28	7°10	28°R 1	29°21	2°25	9°59	S 7
M 8	7 42 15	26°19'09	7 ™ 20	4°11	2°49	22° 3	1° 4	17°25	21°10	15°27	7° 9	28° 0	29°18	2°31	10° 1	M 8
T 9	7 46 12	27°20'10	20°10	4°29	4° 4	22°28	1° 8	17°32	21°11	15°25	7° 8	27°58	29°15	2°38	10° 4	T 9
W10	7 50 8	28°21'11	3 ₹ 27	4°55	5°18	22°53	1°13	17°39	21°12	15°24	7° 7	27°55	29°12	2°45	10° 7	W10
T 11	7 54 5	29°22'11	17°11	5°26	6°33	23°18	1°18	17°46	21°13	15°22	7° 6	27°50	29° 9	2°51	10°11	T 11
F 12	7 58 2	0≈23'10	1 3 22	6° 2	7°48	23°43	1°23	17°53	21°14	15°20	7° 5	27°46	29° 6	2°58	10°14	F 12
S 13	8 1 58	1°24'09	15°57	6°43	9° 3	24° 7	1°28	18° 0	21°15	15°19	7° 3	27°42	29° 2	3° 5	10°17	S 13
S 14	8 5 5 5	2°25'06	0≈49	7°28	10°18	24°32	1°34	18° 7	21°16	15°17	7° 2	27°39	28°59	3°11	10°20	S 14
M15	8 9 51	3°26'03	15°51	8°18	11°33	24°56	1°39	18°14	21°18	15°16	7° 1	27°37	28°56	3°18	10°23	M15
T 16	8 13 48	4°26'58	0 ∺ 53	9°11	12°47	25°19	1°45	18°21	21°19	15°14	7° 0	27°D37	28°53	3°25	10°26	T 16
W17	8 17 44	5°27'52	15°48	10° 7	14° 2	25°42	1°51	18°28	21°20	15°12	6°59	27°38	28°50	3°31	10°29	W17
T 18	8 21 41	6°28'44	0 Υ 27	11° 6	15°17	26° 5	1°57	18°35	21°21	15°11	6°58	27°39	28°46	3°38	10°33	T 18
F 19	8 25 38	7°29'36	14°48	12° 8	16°32	26°28	2° 3	18°42	21°23	15° 9	6°57	27°40	28°43	3°45	10°36	F 19
S 20	8 29 34	8°30'25	28°47	13°13	17°47	26°50	2° 9	18°49	21°24	15° 7	6°56	27°41	28°40	3°51	10°39	S 20
S 21	8 33 31	9°31'13	12824	14°19	19° 2	27°13	2°16	18°56	21°26	15° 6	6°55	27°R42	28°37	3°58	10°43	S 21
M22	8 37 27	10°32'00	25°41	15°28	20°16	27°34	2°23	19° 2	21°27	15° 4	6°54	27°41	28°34	4° 5	10°46	M22
T 23	8 41 24	11°32'45	8耳39	16°39	21°31	27°56	2°30	19° 9	21°29	15° 2	6°53	27°40	28°31	4°11	10°49	T 23
W24	8 45 20	12°33'28	21°20	17°52	22°46	28°17	2°37	19°16	21°31	15° 1	6°52	27°38	28°27	4°18	10°53	W24
T 25	8 49 17	13°34'10	39548	19° 6	24° 1	28°38	2°44	19°23	21°32	14°59	6°51	27°35	28°24	4°24	10°56	T 25
F 26	8 53 13	14°34'50	16° 4	20°22	25°16	28°58	2°51	19°29	21°34	14°57	6°50	27°33	28°21	4°31	11° 0	F 26
S 27	8 57 10	15°35'29	28°10	21°40	26°30	29°18	2°59	19°36	21°36	14°55	6°49	27°32	28°18	4°38	11° 3	S 27
S 28	9 1 7	16°36'06	10 N 9	22°59	27°45	29°38	3° 6	19°42	21°38	14°54	6°48	27°30	28°15	4°44	11° 7	S 28
M29	9 5 3	17°36'41	22° 2	24°19	29° 0	29°57	3°14	19°49	21°40	14°52	6°47	27°D30	28°11	4°51	11°10	M29
T 30	9 9 0	18°37'15	3 m 51	25°40	0≈15	0 M .16	3°22	19°56	21°42	14°50	6°46	27°30	28° 8	4°58	11°14	T 30
W31	9 12 56	19≈37'48	15 m 38	27 る 3	1≈30	0 M .34	3 8 30	20중 2	21 Y 44	14 Ω 49	69645	27≈30	28 ≈ 5	5Mp 4	11) (17	W31

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M 1 T 2	22 s 8 21 59	18n 5 1n18	19s59 20 4	3n25 22 s 3 21 22		5 s33 5 43	2n 3 2 3		1 s 8		0n 5 0 5	7n44 7 44				21n43 21 43		12 s14 12 14		10n43 10 39	3 s43 3 42	4n34 4 34
W 3	21 50	8 9 0s50	20 10	3 17 22	55 0 33	5 53	2 4	10 43	1 7	22 22	0 5	7 44	0 34	16 30	0 18	21 43	1 36	12 14	11 40	10 36	3 42	4 34
T 4 F 5	21 40 21 30	2 41 1 52 2 s 5 3 2 5 0	20 17 20 24	3 10 23 3 3 23	0 0 30 3 0 28	6 2 6 12	2 4 2 5		1 7 1 7		0 5 0 5	7 44 7 45				21 43 21 44		12 14 12 13		10 33 10 30	3 41 3 40	4 34 4 33
S 6	21 20		20 24	2 55 23	6 0 25	6 21	2 5		1 6		0 5	7 45				21 44		12 13			3 39	4 33
S 7 M 8 T 9	20 46	18 37 4 53 22 50 5 11		2 27 23	0 17	6 31 6 40 6 49	2 6 2 6	10 53	1 6 1 6 1 5	22 18 22 17	0 5 0 5 0 5	7 45 7 46 7 46	0 34 0 34	16 33 16 33	0 18 0 18	21 44 21 44 21 44	1 35 1 35	12 13	11 45 11 46	10 20 10 17	3 38 3 37 3 36	4 33 4 33 4 33
W10 T 11	20 33 20 21	27 48 4 56	21 18	2 17 23 2 6 23	0 11	6 58 7 7	2 7 2 7	10 57	1 5 1 5	22 15	0 5 0 5	7 46 7 47	0 34	16 34	0 18	21 44 21 44	1 35	12 14 12 16	11 48	10 11	3 36 3 35	4 32 4 32
F 12 S 13	20 8 19 55		21 27 21 36	1 56 23 1 45 23	8 0 9 6 0 6	7 15 7 24	2 8 2 8		1 5 1 4		0 5 0 5	7 47 7 48				21 44 21 45		12 17 12 19			3 34 3 33	4 32 4 32
S 14 M15 T 16 W17 T 18 F 19 S 20	19 13 18 58 18 43 18 27	17 10 1 4 10 55 0n18 4 6 1 39 2n48 2 52 9 25 3 52	2 21 44 21 52 3 21 59 9 22 5 2 22 10 2 22 15 7 22 18	1 34 23 1 24 23 1 13 22 1 3 22 0 53 22 0 43 22 0 33 22	51 0 5 45 0 7 89 0 10	7 33 7 41 7 49 7 57 8 5 8 13 8 21	2 10 2 10	11 5	1 4 1 4 1 3 1 3 1 3 1 3 1 2	22 12 22 11 22 10 22 9 22 8	0 5 0 4 0 4 0 4 0 4 0 4 0 4	7 48 7 49 7 49 7 50 7 50 7 51 7 51	0 34 0 34 0 33 0 33 0 33	16 36 16 37 16 37 16 38 16 38	0 18 0 18 0 18 0 18 0 18	21 45 21 45 21 45 21 45 21 45 21 45 21 46	1 35 1 35 1 35 1 35 1 35	12 20 12 20 12 20 12 20 12 20 12 19 12 19	11 53 11 54 11 55 11 56 11 57	10 1 9 58 9 54 9 51 9 48 9 45 9 42	3 32 3 31 3 30 3 29 3 28 3 27 3 26	4 31 4 31 4 31 4 31 4 31 4 30 4 30
S 21 M22 T 23 W24 T 25 F 26 S 27	17 39 17 22 17 5	24 21 5 16 26 55 5 10 28 3 4 50 27 43 4 16 26 1 3 30	5 22 21 5 22 23 0 22 24 0 22 23 5 22 22 0 22 19 5 22 15	0 23 22 0 14 22 0 5 22 0s 4 21 0 13 21 0 21 21 0 29 21	16 0 18 7 0 20 57 0 23 47 0 25 86 0 27	8 28 8 36 8 43 8 50 8 57 9 4 9 11	2 12 2 12 2 12 2 13 2 13	11 20 11 22 11 25 11 28 11 30 11 33 11 36	1 2 1 2 1 1 1 1 1 1 1 1 1 0	22 6 22 5 22 4 22 3 22 2	0 4 0 4 0 4 0 4 0 4 0 4 0 4	7 52 7 53 7 53 7 54 7 55 7 55 7 56	0 33 0 33 0 33 0 33 0 33	16 40 16 40 16 41 16 41 16 42	0 18 0 18 0 18 0 18 0 18	21 46 21 46 21 46 21 46 21 46 21 46 21 47	1 34 1 34 1 34 1 34 1 34	-	12 1 12 2 12 3 12 4 12 5	9 38 9 35 9 32 9 29 9 25 9 22 9 19	3 24 3 23 3 22 3 21 3 20 3 19 3 18	4 30 4 30 4 30 4 30 4 29 4 29 4 29
S 28 M29 T 30 W31		14 41 0 30 9 35 0 s 35	5 22 10 0 22 3 5 21 56 0 21 s47	0 37 21 0 45 20 0 52 20 0 s59 20 s	59 0 34 46 0 37	9 17 9 24 9 30 9 s36	2 14 2 14	11 39 11 42 11 45 11n48	1 0 1 0 1 0 0 s59	21 59	0 4 0 3 0 3 0n 3	7 57 7 58 7 58 7n59	0 33 0 33	16 43 16 44	0 19 0 19	21 47 21 47 21 47 21 47	1 34 1 34	12 23 12 23 12 23 12 s23	12 8 12 10	9 16 9 12 9 9 9n 6	3 16 3 15 3 14 3 s13	4 29 4 29 4 29 4n28

Julian Day Number = 2243730.5, Delta T = 07m02s

Ecliptic obliquity = $23^{\circ}30'55$, Nutation = $0^{\circ}00'10$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°48′09, Lahiri = 15°55′09 Julian Calendar 1 Jan. 1431 == Greg. Calendar 10 Jan. 1431

FEBRUARY 1431 JC 00:00 UT

Day	Sid.t	0	D	ğ	φ	ð	4	ħ)ұ(¥	Р	S.	v	Ç	ķ	Day
T 1	9 16 53	20≈38'19	27 m 27	28 궁 27	2≈44	0 M .52	3 8 39	20궁 9	21 Y 46	14°R47	6°R44	27≈31	28≈ 2	5 m)11	11) (21	T 1
F 2	9 20 49	21°38'49	9 <u>م</u> 19	29°52	3°59	1°10	3°47	20°15	21°48	14 Ω 45	69543	27°32	27°59	5°18	11°25	F 2
S 3	9 24 46	22°39'17	21°19	1≈19	5°14	1°27	3°56	20°21	21°50	14°44	6°43	27°32	27°56	5°24	11°28	S 3
S 4	9 28 42	23°39'44	3 M .30	2°46	6°29	1°44	4° 4	20°28	21°52	14°42	6°42	27°33	27°52	5°31	11°32	S 4
M 5	9 32 39	24°40'09	15°56	4°15	7°44	2° 1	4°13	20°34	21°54	14°40	6°41	27°33	27°49	5°38	11°35	M 5
T 6	9 36 36	25°40'34	28°42	5°44	8°58	2°17	4°22	20°40	21°56	14°39	6°40	27°R33	27°46	5°44	11°39	T 6
W 7	9 40 32	26°40'56	11 × 750	7°15	10°13	2°32	4°31	20°47	21°59	14°37	6°39	27°33	27°43	5°51	11°43	W 7
T 8	9 44 29	27°41'18	25°25	8°46	11°28	2°47	4°40	20°53	22° 1	14°35	6°39	27°D33	27°40	5°58	11°46	T 8
F 9	9 48 25	28°41'38	9 ප 26	10°19	12°43	3° 2	4°49	20°59	22° 3	14°34	6°38	27°33	27°37	6° 4	11°50	F 9
S 10	9 52 22	29°41'56	23°54	11°53	13°57	3°16	4°59	21° 5	22° 6	14°32	6°37	27°33	27°33	6°11	11°54	S 10
S 11	9 56 18	0) 42′13	8≈44	13°27	15°12	3°30	5° 8	21°11	22° 8	14°31	6°37	27°33	27°30	6°17	11°58	S 11
M12	10 0 15	1°42'28	23°49	15° 3	16°27	3°43	5°18	21°17	22°10	14°29	6°36	27°R34	27°27	6°24	12° 1	M12
T 13	10 4 11	2°42'42	9) 3	16°40	17°42	3°55	5°28	21°23	22°13	14°27	6°35	27°33	27°24	6°31	12° 5	T 13
W14	10 8 8	3°42'53	24°13	18°18	18°56	4° 7	5°38	21°29	22°15	14°26	6°35	27°33	27°21	6°37	12° 9	W14
T 15	10 12 5	4°43'02	9 Υ 12	19°57	20°11	4°18	5°48	21°35	22°18	14°24	6°34	27°32	27°17	6°44	12°12	T 15
F 16	10 16 1	5°43'10	23°52	21°37	21°26	4°29	5°58	21°40	22°21	14°23	6°34	27°32	27°14	6°51	12°16	F 16
S 17	10 19 58	6°43'15	8 8 6	23°18	22°40	4°40	6° 8	21°46	22°23	14°21	6°33	27°31	27°11	6°57	12°20	S 17
S 18	10 23 54	7°43'18	21°54	25° 0	23°55	4°49	6°19	21°52	22°26	14°20	6°32	27°30	27° 8	7° 4	12°24	S 18
M19	10 27 51	8°43'19	5 Ⅱ 16	26°43	25°10	4°59	6°29	21°57	22°28	14°18	6°32	27°D29	27° 5	7°11	12°28	M19
T 20	10 31 47	9°43'18	18°13	28°27	26°24	5° 7	6°40	22° 3	22°31	14°17	6°31	27°29	27° 2	7°17	12°31	T 20
W21	10 35 44	10°43'15	09549	0 ₩ 13	27°39	5°15	6°50	22° 8	22°34	14°15	6°31	27°30	26°58	7°24	12°35	W21
T 22	10 39 40	11°43'09	13° 8	1°59	28°54	5°22	7° 1	22°14	22°37	14°14	6°31	27°31	26°55	7°31	12°39	T 22
F 23	10 43 37	12°43'01	25°13	3°47	0 ∺ 8	5°29	7°12	22°19	22°40	14°12	6°30	27°33	26°52	7°37	12°43	F 23
S 24	10 47 34	13°42'51	7 Ω 10	5°36	1°23	5°35	7°23	22°25	22°42	14°11	6°30	27°34	26°49	7°44	12°46	S 24
S 25	10 51 30	14°42'39	19° 0	7°26	2°38	5°41	7°34	22°30	22°45	14° 9	6°29	27°35	26°46	7°51	12°50	S 25
M26	10 55 27	15°42'25	0 m 48	9°17	3°52	5°45	7°45	22°35	22°48	14° 8	6°29	27°R35	26°43	7°57	12°54	M26
T 27	10 59 23	16°42'08	12°36	11°10	5° 7	5°49	7°57	22°40	22°51	14° 7	6°29	27°34	26°39	8° 4	12°58	T 27
W28	11 3 20	17) 41'50	24 m 25	13 ¥ 3	6 ∺ 21	5 M .53	8 8 8	22 궁 45	22 Y 54	14 Ω 5	69528	27≈33	26≈36	8 m 10	13 米 1	W28

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T 1	14 s39	1 s25	2 s 3 9	21 s37	1s 6	20s17	0 s41	9 s42	2n15	11n51	0 s59	21 s57	0n 3	8n (0s33	16n45	0n19	21n47	1 s34	12 s22	12s12	9n 3	3 s12	4n28
F 2	14 20	6 57	3 32	21 25	1 12	20 1	0 43	9 48	2 15	11 54	0 59	21 56	0 3	8 1	0 33	16 45	0 19	21 47	1 33	12 22	12 13	8 59	3 10	4 28
S 3	14 0	12 18	4 17	21 12	1 19	19 45	0 46	9 54	2 16	11 57	0 59	21 55	0 3	8 1	0 33	16 46	0 19	21 47	1 33	12 22	12 14	8 56	3 9	4 28
S 4	13 41	17 16	4 51	20 58	1 24	19 29	0 48	10 0	2 16	12 0	0 58	21 54	0 3	8 2	0 33	16 46	0 19	21 48	1 33	12 22	12 15	8 53	3 8	4 28
M 5	13 20	21 37	5 12	20 43	1 30	19 12	0 50	10 5	2 16	12 3	0 58	21 53	0 3	8 3	0 33	16 47	0 19	21 48	1 33	12 22	12 16	8 50	3 7	4 28
T 6	13 0	25 6	5 18	20 26	1 35	18 54	0 52	10 10	2 16	12 6	0 58	21 52	0 3	8 4	0 33	16 47	0 19	21 48	1 33	12 22	12 17	8 46	3 5	4 28
W 7	12 40	27 22	5 8	20 8	1 40	18 36	0 54	10 15	2 17	12 10	0 58	21 51	0 3	8 5	0 33	16 48	0 19	21 48	1 33	12 22	12 18	8 43	3 4	4 27
T 8	12 19	28 7	4 41	19 48	1 44	18 17	0 56	10 20	2 17	12 13	0 57	21 51	0 3	8 6	0 33	16 48	0 19	21 48	1 33	12 22	12 19	8 40	3 3	4 27
F 9	11 58	27 7	3 57	19 27	1 49	17 58	0 57	10 25	2 17	12 16	0 57	21 50	0 3	8 7	0 33	16 49	0 19	21 48	1 33	12 22	12 20	8 37	3 2	4 27
S 10	11 37	24 18	2 57	19 5	1 52	17 38	0 59	10 29	2 17	12 20	0 57	21 49	0 3	8 7	0 33	16 49	0 19	21 48	1 33	12 22	12 22	8 33	3 0	4 27
S 11	11 16	19 47	1 43	18 41	1 56	17 18	1 1	10 34	2 18	12 23	0 57	21 48	0 3	8 8	0 33	16 50	0 19	21 48	1 33	12 22	12 23	8 30	2 59	4 27
M12	10 54	13 57	0 21	18 16	1 59	16 57	1 3	10 38	2 18	12 27	0 57	21 47	0 2	8 9	0 33	16 50	0 19	21 49	1 33	12 22	12 24	8 27	2 58	4 27
T 13	10 32	7 13	1n 3	17 49	2 2	16 36	1 4	10 42	2 18	12 30	0 56	21 46	0 2	8 10	0 33	16 51	0 19	21 49	1 32	12 22	12 25	8 23	2 56	4 27
W14	10 11	0 7	2 23	17 21	2 4	16 14	1 6	10 46	2 18	12 34	0 56	21 45	0 2	8 11	0 33	16 51	0 19	21 49	1 32	12 22	12 26	8 20	2 55	4 27
T 15	9 49	6n54	3 31	16 52	2 6	15 52	1 8	10 50	2 18	12 37	0 56	21 45	0 2	8 12	0 33	16 52	0 19	21 49	1 32	12 22	12 27	8 17	2 54	4 27
F 16	9 27	13 23	4 24	16 21	2 8	15 30	1 9	10 53	2 18	12 41	0 56	21 44	0 2	8 13	0 33	16 52	0 19	21 49	1 32	12 22	12 28	8 14	2 52	4 27
S 17	9 4	18 58	5 0	15 49	2 9	15 7	1 11	10 57	2 18	12 44	0 55	21 43	0 2	8 14	0 33	16 52	0 19	21 49	1 32	12 23	12 29	8 10	2 51	4 26
S 18	8 42	23 23	5 16	15 16	2 9	14 43	1 12	11 0	2 19	12 48	0 55	21 42	0 2	8 15	0 33	16 53	0 19	21 49	1 32	12 23	12 30	8 7	2 50	4 26
M19	8 20	26 24	5 15	14 41	2 10	14 19	1 13	11 3	2 19	12 52	0 55	21 41	0 2	8 16	0 32	16 53	0 19	21 49	1 32	12 23	12 31	8 4	2 48	4 26
T 20	7 57	27 55	4 57	14 4	2 9	13 55	1 15	11 5	2 19	12 55	0 55	21 40	0 2	8 17	0 32	16 54	0 19	21 50	1 32	12 23	12 33	8 1	2 47	4 26
W21	7 34	27 56	4 25	13 26	2 9	13 31	1 16	11 8	2 19	12 59	0 55	21 40	0 2	8 18	0 32	16 54	0 19	21 50	1 32	12 23	12 34	7 57	2 46	4 26
T 22	7 11	26 33	3 42	12 47	2 8	13 6	1 17	11 11	2 19	13 3	0 54	21 39	0 2	8 19	0 32	16 55	0 19	21 50	1 32	12 22	12 35	7 54	2 44	4 26
F 23	6 48	23 57	2 50	12 7	2 6	12 40	1 18	11 13	2 19	13 6	0 54	21 38	0 2	8 20	0 32	16 55	0 19	21 50	1 32	12 22	12 36	7 51	2 43	4 26
S 24	6 25	20 20	1 51	11 25	2 4	12 15	1 19	11 15	2 19	13 10	0 54	21 37	0 2	8 22	0 32	16 56	0 19	21 50	1 31	12 21	12 37	7 47	2 41	4 26
S 25	6 2	15 55	0 47	10 41	2 2	11 49	1 20	11 17	2 18	13 14	0 54	21 36	0 2	8 23	0 32	16 56	0 19	21 50	1 31	12 21	12 38	7 44	2 40	4 26
M26	5 39	10 57	0s18	9 56	1 58	11 23	1 21	11 18	2 18	13 18	0 54	21 36	0 1	8 24	0 32	16 56	0 19	21 50	1 31	12 21	12 39	7 41	2 39	4 26
T 27	5 16	5 35	1 22	9 10	1 55	10 56	1 22	11 20	2 18	13 22	0 53	21 35	0 1	8 25	0 32	16 57	0 19	21 50	1 31	12 21	12 40	7 38	2 37	4 26
W28	4 s53	0n 2	$2\mathrm{s}23$	8 s23	1 s 5 1	10 s29	1 s23	$11\mathrm{s}21$	2n18	13n25	0 s53	21 s34	0n 1	8n26	0 s32	16n57	0n19	21n50	$1\mathrm{s}31$	12 s22	12 s41	7n34	2 s 3 6	4n26

Julian Day Number = 2243761.5, Delta T = 07m02s

Ecliptic obliquity = 23°30'55, Nutation = 0°00'10, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°48'13, Lahiri = 15°55'13 Julian Calendar 1 Feb. 1431 == Greg. Calendar 10 Feb. 1431

MARCH 1431 JC 00:00 UT

Day	Sid.t	0	D	ğ	Q	ď	4	ħ)ұ(¥	Р	ß	ດ	Ç	ķ	Day
T 1	11 7 16	18 ¥ 41'29	6 ₽ 19	14) 58	7 ₩ 36	5 M .55	8819	22 궁 50	22 Y 57	14°R 4	6°R28	27°R30	26≈33	8 m) 17	13 米 5	T 1
F 2	11 11 13	19°41'07	18°19	16°54	8°50	5°57	8°31	22°55	23° 0	14Ω 3	69528	27 ≈ 26	26°30	8°24	13° 9	F 2
S 3	11 15 9	20°40'42	0M27	18°51	10° 5	5°59	8°43	23° 0	23° 3	14° 1	6°28	27°22	26°27	8°30	13°13	S 3
					11020				220 (1.40 0					12017	
S 4 M 5	11 19 6 11 23 2	21°40'16 22°39'48	12°45 25°16	20°49 22°47	11°20 12°34	5°R59 5°59	8°54 9°6	23° 5 23° 9	23° 6 23° 9	14° 0 13°59	6°27 6°27	27°19 27°15	26°23 26°20	8°37 8°44	13°17 13°20	S 4 M 5
T 6	11 23 2	22°39'48 23°39'19	25°16 8 x ⁷ 2	24°47	12°34 13°49	5°58	9° 18	23°14	23° 12	13°58	6°27	27°13	26°20	8°50	13°24	T 6
W 7	11 20 39	23°39'19 24°38'47	21° 7	26°48	15° 3	5°57	9°30	23°19	23°15	13°56	6°27	27°D12	26°14	8°57	13°28	W 7
T 8	11 30 50	25°38'14	4 전 33	28°49	16°18	5°54	9°42	23°23	23°18	13°55	6°27	27°12	26°11	9° 4	13°31	T 8
F 9	11 34 32	26°37'39	18°22	$0\mathbf{\Upsilon}51$	17°32	5°51	9°54	23°28	23°22	13°54	6°27	27°14	26° 8	9°10	13°35	F 9
S 10	11 42 45	27°37'02	2 ≈ 34	2°53	18°47	5°47	10° 6	23°32	23°25	13°53	6°27	27°15	26° 4	9°17	13°39	S 10
S 11	11 46 42	28°36'24	17° 8	4°55	20° 1	5°42	10°18	23°36	23°28	13°52	6°27	27°16	26° 1	9°24	13°42	S 11
M12	11 40 42	28 36 24 29°35'43	2)(2	6°57	20°16	5°37	10°31	23°40	23°31	13°51	6°D27	27°R17	25°58	9°24 9°30	13°46	M12
T 13	11 50 38	29 33 43 0 Υ 35'00	2 X 2	8°59	21°10 22°30	5°31	10°43	23°45	23°34	13°50	6°27	27°15	25°55	9°37	13°50	T 13
W14	11 54 33	1°34'16	2 Υ 16	11° 0	23°44	5°24	10°56	23°49	23°38	13°49	6°27	27°12	25°52	9°44	13°53	W14
T 15	12 2 28	2°33'29	17°19	13° 0	24°59	5°16	10° 8	23°53	23°41	13°48	6°27	27° 8	25°49	9°50	13°57	T 15
F 16	12 6 25	3°32'41	28 7	14°59	26°13	5° 7	11°21	23°56	23°44	13°47	6°27	27° 2	25°45	9°57	14° 1	F 16
S 17	12 10 21	4°31'50	16°33	16°55	27°28	4°58	11°33	24° 0	23°47	13°46	6°27	26°57	25°42	10° 3	14° 4	S 17
S 18	12 14 18	5°30'57	0 П 31	18°50	28°42	4°48	11°46	24° 4	23°51	13°45	6°27	26°52	25°39	10°10	14° 8	S 18
M19	12 14 16	6°30'01	14° 1	20°42	29°56	4°37	11°59	24° 8	23°54	13°44	6°27	26°48	25°36	10°17	14°11	M19
T 20	12 22 11	7°29'04	27° 3	22°31	1 Υ 11	4°25	12°12	24°11	23°57	13°43	6°27	26°46	25°33	10°23	14°15	T 20
W21	12 26 7	8°28'04	99641	24°17	2°25	4°13	12°25	24°15	24° 1	13°42	6°28	26°D45	25°29	10°30	14°18	W21
T 22	12 30 4	9°27'01	21°59	26° 0	3°39	4° 0	12°37	24°18	24° 4	13°41	6°28	26°46	25°26	10°37	14°22	T 22
F 23	12 34 0	10°25'57	4Ω 2	27°38	4°54	3°46	12°50	24°21	24° 8	13°41	6°28	26°47	25°23	10°43	14°25	F 23
S 24	12 37 57	11°24'50	15°55	29°12	6° 8	3°31	13° 4	24°25	24°11	13°40	6°28	26°49	25°20	10°50	14°29	S 24
S 25	12 41 54	12°23'40	27°42	0841	7°22	3°16	13°17	24°28	24°14	13°39	6°29	26°R49	25°17	10°57	14°32	S 25
M26	12 45 50	13°22'29	9m/29	2° 6	8°37	3° 0	13°30	24°31	24°18	13°39	6°29	26°48	25°14	11° 3	14°36	M26
T 27	12 49 47	14°21'15	21°18	3°26	9°51	2°44	13°43	24°34	24°21	13°38	6°29	26°45	25°10	11°10	14°39	T 27
W28	12 53 43	15°19'59	3 ₽ 12	4°40	11° 5	2°27	13°56	24°37	24°24	13°37	6°30	26°40	25° 7	11°17	14°43	W28
T 29	12 57 40	16°18'41	15°14	5°50	12°19	2° 9	14°10	24°39	24°28	13°37	6°30	26°33	25° 4	11°23	14°46	T 29
F 30	13 1 36	17°17'21	27°25	6°53	13°33	1°51	14°23	24°42	24°31	13°36	6°31	26°24	25° 1	11°30	14°49	F 30
S 31	13 5 33	18 ° 15'59	9 M .47	7 8 51	14 Y 48	1 M .33	14 8 36	24 궁 45	24 Y 35	13 £ 36	6 9 31	26≈14	24≈58	11 m)37	14 米 52	S 31

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	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl dec	decl	decl lat
T 1	4 s29	5 s33 3 s18	7 s 3 4 1 s 4	6 10s 2 1s23	11 s22 2n18	13n29 0s53	21 s33 On 1	8n27 0s32	16n58 0n19	21n51 1s31	12 s23 12 s42	7n31	2 s 3 4 4 n 2 6
F 2	4 6	10 58 4 4	6 44 1 4	1 9 35 1 24	11 23 2 18	13 33 0 53	21 33 0 1	8 28 0 32	16 58 0 19	21 51 1 31	12 24 12 43	7 28	2 33 4 26
S 3	3 42	16 2 4 40	5 53 1 3	5 9 7 1 24	11 24 2 17	13 37 0 53	21 32 0 1	8 29 0 32	16 58 0 19	21 51 1 31	12 25 12 4	7 24	2 32 4 26
S 4	3 19	20 32 5 4	5 1 1 2	9 8 39 1 25			21 31 0 1	8 30 0 32	16 59 0 19	21 51 1 31	12 27 12 40	7 21	2 30 4 26
M 5	2 55	24 13 5 14	4 8 1 2	2 8 11 1 25	11 24 2 17	13 45 0 52	21 30 0 1	8 32 0 32	16 59 0 19	21 51 1 31	12 28 12 4	7 18	2 29 4 26
T 6	2 32	26 48 5 9	3 13 1 1	5 7 42 1 26	11 24 2 16	13 49 0 52	21 30 0 1	8 33 0 32	16 59 0 19	21 51 1 30	12 29 12 4	7 15	2 27 4 26
W 7	2 8	28 0 4 47	2 18 1	7 14 1 26	11 24 2 16	13 53 0 52	21 29 0 1	8 34 0 32	17 0 0 19	21 51 1 30	12 29 12 49	7 11	2 26 4 26
T 8	1 44	27 36 4 10	1 22 0 5	9 6 45 1 26	11 24 2 16	13 57 0 52	21 28 0 1	8 35 0 32	17 0 0 19	21 51 1 30	12 29 12 50	7 8	2 25 4 26
F 9	1 21	25 31 3 17	0 25 0 5	0 6 16 1 27	11 23 2 15	14 1 0 52	21 28 0 1	8 36 0 32	17 0 0 19	21 51 1 30	12 28 12 5	7 5	2 23 4 26
S 10	0 57	21 47 2 11	0n32 0 4	0 5 47 1 27	11 23 2 15	14 5 0 51	21 27 0 1	8 38 0 32	17 1 0 19	21 52 1 30	12 28 12 52	2 7 1	2 22 4 26
S 11	0 33	16 38 0 55	1 30 0 3	0 5 18 1 27	11 22 2 14	14 9 0 51	21 26 0 1	8 39 0 32	17 1 0 19	21 52 1 30	12 27 12 5	6 58	2 20 4 26
M12	0 10	10 23 0n26	2 28 0 2	0 4 48 1 27	11 20 2 13	14 13 0 51	21 26 0 0	8 40 0 32	17 1 0 19	21 52 1 30	12 27 12 5	6 55	2 19 4 26
T 13	0n14	3 28 1 46	3 26 0	9 4 19 1 27	11 19 2 13	14 17 0 51	21 25 0 0	8 41 0 32	17 2 0 19	21 52 1 30	12 28 12 5	6 51	2 18 4 26
W14	0 38	3n39 3 0	4 24 On	2 3 49 1 27	11 17 2 12	14 21 0 51	21 24 0 0	8 42 0 32	17 2 0 19	21 52 1 30	12 29 12 50	6 48	2 16 4 26
T 15	1 1	10 31 4 0	5 21 0 1	3 19 1 27	11 15 2 11	14 25 0 51	21 24 0 0	8 44 0 32	17 2 0 19	21 52 1 30	12 30 12 5	6 45	2 15 4 26
F 16	1 25	16 40 4 42	6 18 0 2	5 2 50 1 26	11 13 2 10	14 29 0 50	21 23 0 0	8 45 0 32	17 3 0 19	21 52 1 29	12 32 12 59	6 42	2 13 4 26
S 17	1 48	21 43 5 6	7 14 0 3	6 2 20 1 26	11 11 2 10	14 33 0 50	21 23 0 0	8 46 0 32	17 3 0 19	21 52 1 29	12 34 13	6 38	2 12 4 26
S 18	2 12	25 23 5 11	8 8 0 4	8 1 50 1 26	11 8 2 9	14 37 0 50	21 22 0s 0	8 47 0 32	17 3 0 19	21 52 1 29	12 36 13	6 35	2 11 4 26
M19	2 35	27 28 4 57	9 2 1	0 1 20 1 25	11 6 2 8	14 41 0 50	21 21 0 0	8 49 0 32	17 3 0 19	21 52 1 29	12 37 13	6 32	2 9 4 26
T 20	2 59	27 58 4 29	9 54 1 1	1 0 49 1 25	11 3 2 7	14 45 0 50	21 21 0 0	8 50 0 32	17 4 0 19	21 52 1 29	12 38 13	6 28	2 8 4 26
W21	3 22	26 57 3 48	10 44 1 2	3 0 19 1 24	11 0 2 6	14 49 0 50	21 20 0 0	8 51 0 32	17 4 0 19	21 53 1 29	12 38 13	6 25	2 6 4 26
T 22	3 45	24 38 2 58	11 32 1 3	4 0n11 1 24	10 56 2 4	14 53 0 49	21 20 0 0	8 52 0 32	17 4 0 19	21 53 1 29	12 38 13	6 22	2 5 4 26
F 23	4 9	21 16 2 1	12 18 1 4	5 0 41 1 23	10 53 2 3	14 58 0 49	21 19 0 0	8 54 0 32	17 4 0 19	21 53 1 29	12 37 13	6 18	2 4 4 26
S 24	4 32	17 3 0 59	13 1 1 5	5 1 11 1 22	10 49 2 2	15 2 0 49	21 19 0 1	8 55 0 32	17 5 0 19	21 53 1 29	12 37 13	6 15	2 2 4 26
S 25	4 55	12 14 0s 5	13 42 2	5 1 41 1 21	10 45 2 0	15 6 0 49	21 18 0 1	8 56 0 32	17 5 0 19	21 53 1 29	12 37 13	6 12	2 1 4 26
M26	5 18	6 59 1 8	14 20 2 1	4 2 12 1 20	10 41 1 59	15 10 0 49	21 18 0 1	8 57 0 32	17 5 0 19	21 53 1 29	12 37 13	6 8	1 59 4 26
T 27	5 41	1 30 2 8	14 56 2 2	3 2 42 1 19	10 37 1 58	15 14 0 49	21 17 0 1	8 59 0 32	17 5 0 19	21 53 1 28	12 38 13 10	6 5	1 58 4 26
W28	6 3	4s 5 3 3	15 29 2 3	0 3 12 1 19	10 33 1 56	15 18 0 49	21 17 0 1	9 0 0 32	17 5 0 19	21 53 1 28	12 40 13 1	6 2	1 57 4 26
T 29	6 26	9 34 3 51	15 58 2 3	7 3 42 1 17	10 28 1 54	15 22 0 48	21 17 0 1	9 1 0 32	17 6 0 19	21 53 1 28	12 42 13 13	5 59	1 55 4 26
F 30	6 49	14 45 4 28	16 25 2 4	3 4 12 1 16	10 23 1 53	15 26 0 48	21 16 0 1	9 2 0 32	17 6 0 19	21 53 1 28	12 45 13 13	5 55	1 54 4 26
S 31	7n11	19s25 4s54	16n49 2n4	8 4n42 1s15	10s19 1n51	15n30 0s48	21 s16 0s 1	9n 4 0s32	17n 6 0n19	21n53 1s28	12 s49 13 s1:	5n52	1 s53 4n26

Julian Day Number = 2243789.5, Delta T = 07m02s

Ecliptic obliquity = $23^{\circ}30'56$, Nutation = $0^{\circ}00'10$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°48'17, Lahiri = 15°55'17 Julian Calendar 1 March 1431 == Greg. Calendar 10 March 1431

APRIL 1431 JC 00:00 UT

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Day	Sid.t	0	D	ğ	Ş	ð	4	ħ)મ(并	Р	V	v	Ç	Ŗ	Day
S 1	13 9 29	19 ° 14'36	22 M 19	8 8 44	16 Υ 2	1°R13	14850	24 궁 47	24 Y 38	13°R35	6931	26°R 5	24≈54	11 m 43	14) (56	S 1
M 2	13 13 26	20°13'10	5 √ 3	9°30	17°16	0 M .54	15° 3	24°50	24°42	13 £ 35	6°32	25≈56	24°51	11°50	14°59	M 2
T 3	13 17 23	21°11'43	18° 0	10°11	18°30	0°33	15°17	24°52	24°45	13°34	6°32	25°50	24°48	11°57	15° 2	T 3
W 4	13 21 19	22°10'15	1 る 10	10°46	19°44	0°13	15°30	24°54	24°49	13°34	6°33	25°45	24°45	12° 3	15° 5	W 4
T 5	13 25 16	23° 8'44	14°36	11°15	20°58	29 ≏ 52	15°44	24°56	24°52	13°33	6°34	25°43	24°42	12°10	15° 9	T 5
F 6	13 29 12	24° 7'12	28°18	11°37	22°13	29°31	15°57	24°58	24°55	13°33	6°34	25°D43	24°39	12°16	15°12	F 6
S 7	13 33 9	25° 5'39	12≈18	11°54	23°27	29° 9	16°11	25° 0	24°59	13°33	6°35	25°44	24°35	12°23	15°15	S 7
S 8	13 37 5	26° 4'03	26°35	12° 5	24°41	28°47	16°25	25° 2	25° 2	13°32	6°35	25°R44	24°32	12°30	15°18	S 8
M 9	13 41 2	27° 2'26	11) (9	12°R11	25°55	28°25	16°38	25° 4	25° 6	13°32	6°36	25°43	24°29	12°36	15°21	M 9
T 10	13 44 58	28° 0'48	25°54	12°10	27° 9	28° 3	16°52	25° 6	25° 9	13°32	6°37	25°40	24°26	12°43	15°24	T 10
W11	13 48 55	28°59'07	10 Υ 46	12° 5	28°23	27°41	17° 6	25° 7	25°13	13°32	6°37	25°34	24°23	12°50	15°27	W11
T 12	13 52 52	29°57'26	25°36	11°54	29°37	27°18	17°20	25° 9	25°16	13°32	6°38	25°26	24°20	12°56	15°30	T 12
F 13	13 56 48	0 8 55'42	10816	11°38	0 8 51	26°56	17°33	25°10	25°20	13°32	6°39	25°17	24°16	13° 3	15°33	F 13
S 14	14 0 45	1°53'56	24°39	11°18	2° 5	26°34	17°47	25°11	25°23	13°31	6°39	25° 6	24°13	13°10	15°35	S 14
S 15	14 441	2°52'09	8Д38	10°53	3°19	26°11	18° 1	25°13	25°26	13°31	6°40	24°56	24°10	13°16	15°38	S 15
M16	14 8 38	3°50'20	22°11	10°25	4°33	25°49	18°15	25°14	25°30	13°D31	6°41	24°48	24° 7	13°23	15°41	M16
T 17	14 12 34	4°48'29	59917	9°54	5°47	25°27	18°29	25°15	25°33	13°31	6°42	24°42	24° 4	13°30	15°44	T 17
W18	14 16 31	5°46'36	17°58	9°21	7° 1	25° 5	18°43	25°16	25°37	13°31	6°43	24°39	24° 0	13°36	15°47	W18
T 19	14 20 27	6°44'41	0 Ω 18	8°45	8°15	24°44	18°57	25°16	25°40	13°32	6°44	24°38	23°57	13°43	15°49	T 19
F 20	14 24 24	7°42'43	12°21	8° 8	9°29	24°23	19°11	25°17	25°44	13°32	6°44	24°D37	23°54	13°50	15°52	F 20
S 21	14 28 21	8°40'44	24°15	7°31	10°43	24° 2	19°25	25°18	25°47	13°32	6°45	24°R38	23°51	13°56	15°54	S 21
S 22	14 32 17	9°38'43	6Mp 3	6°54	11°57	23°41	19°39	25°18	25°50	13°32	6°46	24°37	23°48	14° 3	15°57	S 22
M23	14 36 14	10°36'41	17°51	6°18	13°11	23°21	19°53	25°19	25°54	13°32	6°47	24°35	23°45	14°10	16° 0	M23
T 24	14 40 10	11°34'36	29°43	5°43	14°25	23° 2	20° 7	25°19	25°57	13°32	6°48	24°30	23°41	14°16	16° 2	T 24
W25	14 44 7	12°32'29	11 ≏ 43	5°10	15°39	22°43	20°21	25°19	26° 0	13°33	6°49	24°23	23°38	14°23	16° 4	W25
T 26	14 48 3	13°30'21	23°55	4°39	16°53	22°24	20°35	25°19	26° 4	13°33	6°50	24°13	23°35	14°30	16° 7	T 26
F 27	14 52 0	14°28'12	6 M .19	4°12	18° 6	22° 6	20°49	25°R19	26° 7	13°33	6°51	24° 1	23°32	14°36	16° 9	F 27
S 28	14 55 56	15°26'01	18°57	3°47	19°20	21°48	21° 3	25°19	26°10	13°34	6°52	23°49	23°29	14°43	16°11	S 28
S 29	14 59 53	16°23'48	1 √ 48	3°27	20°34	21°32	21°17	25°19	26°14	13°34	6°53	23°36	23°26	14°49	16°14	S 29
M30	15 3 50	17821'34	14 ×7 52	3 8 10	21848	21 Ω 15	21831	25 궁 19	26 Y 17	13 Ω 35	6954	23≈24	23≈22	14 m 56	16) 16	M30

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	decl	decl l	at	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	dec	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	7n33	23 s19	5 s 5	17n10	2n52	5n11	1 s 1 4	10 s14	1n49	15n34	0 s48	21 s15	0 s 1	9n	0 s32	17n 6	0n19	21n53	1 s28	12 s52	13 s16	5n49	1 s 5 1	4n27
M 2	7 56			17 28	2 55	5 41				15 38		21 15	0 1	9	0 32			21 53	1 28		13 17	5 45	1 50	4 27
T 3				17 43	2 57	6 10		10 3		15 42		21 15	0 1		0 32			21 54	1 28		13 18		1 49	4 27
W 4	8 40		-	17 55	2 58	6 40	-	9 58	1 44		0 48		0 1		0 32			21 54	1 28		13 19		1 47	4 27
T 5	9 1		3 22	18 4	2 58	7 9		9 53		15 51	0 48		0 1	9 1				21 54	1 28		13 20		1 46	4 27
F 6				18 10				9 47		15 55		21 14	0 2					21 54			13 21	5 32	1 45	4 27
S 7	9 45	18 18	1 11	18 12	2 53	8 7	1 6	9 41	1 37	15 59	0 47	21 14		9 1	0 32	17 7	0 19	21 54	1 27	12 59	13 22	5 29	1 44	4 27
S 8	10 6	12 37	0n 5	18 12	2 49	8 36	1 4	9 36	1 35	16 3	0 47	21 13	0 2	9 1	0 32	17 7	0 19	21 54	1 27		13 23		1 42	4 27
M 9	10 27		1 21	18 8	2 44	9 4	1 2	9 30	1 33	16 7		21 13	0 2					21 54	1 27		13 24		1 41	4 27
T 10	10 48		2 34	18 1	2 37	9 33	1 1	9 24	1 31	16 11	0 47	21 13	0 2		6 0 32	2 17 7		21 54			13 25	5 19	1 40	4 27
W11	11 9			17 52	2 29			9 19		16 15		21 13	0 2					21 54			13 26		1 39	4 28
T 12	11 30			17 40				9 13		16 19		21 12	0 2					21 54				5 12	1 37	4 28
F 13				17 25	-			9 7		16 23		21 12	0 2					21 54				5 9	1 36	4 28
S 14	12 10	23 53	5 3	17 7	1 57	11 24	0 54	9 1	1 21	16 27	0 46	21 12	0 2	9 2	0 32	17 7	0 19	21 54	1 27	13 12	13 29	5 5	1 35	4 28
S 15				16 47		11 51	0 52	8 55		16 31		21 12	0 2			17 7		21 54			13 30		1 34	4 28
M16				16 25				8 50		16 35	0 46		0 2					21 54			13 32		1 33	4 28
T 17			3 51				0 48	8 44		16 39		21 12	0 2					21 54			13 33		1 31	4 28
W18	-			15 35			0 46	8 39		16 43		21 12	0 3					21 54			13 34		1 30	4 28
T 19				15 8				8 33		16 46		21 12						21 54			13 35		1 29	4 28
F 20		-		14 41				8 28		16 50		21 12						21 54			13 36		1 28	4 29
S 21	14 26	13 31	0 2	14 12	0 9	14 27	0 40	8 23	1 3	16 54	0 46	21 12	0 3	9 3	0 32	17 7	0 19	21 55	1 26	13 21	13 37	4 42	1 27	4 29
S 22	14 45	8 23	1 s 0	13 44	0s 8	14 52	0 38	8 18	1 0	16 58	0 46	21 12	0 3	9 3	0 32	2 17 7	0 19	21 55	1 26	13 21	13 38	4 39	1 26	4 29
M23	15 3	2 59	2 0	13 15	0 26	15 17	0 36	8 13	0 57	17 2	0 46	21 12	0 3	9 3	0 32	2 17 7	0 19	21 55	1 26	13 22	13 39	4 36	1 25	4 29
T 24	15 21	2 s33	2 55	12 48	0 43	15 41	0 33	8 8	0 54	17 6	0 45	21 12	0 3	9 3	0 32	17 7	0 19	21 55	1 26	13 24	13 40	4 32	1 23	4 29
W25	15 39	8 3	3 42	12 21	1 0	16 5	0 31	8 4	0 52	17 10		21 12	0 3	9 3	0 32	17 7	0 19	21 55	1 26		13 41	4 29	1 22	4 29
T 26	15 57	13 20	4 20	11 55	1 16	16 28	0 29	7 59	0 49	17 14	0 45	21 12	0 3	9 3	0 32	17 7	0 19	21 55	1 26		13 42	4 26	1 21	4 29
F 27	16 14	18 10	4 46	11 31			0 27	7 55		17 17		21 12		9 3	0 32	17 7		21 55	1 26	13 33	13 43	4 22	1 20	4 30
S 28	16 31	22 18	4 59	11 8	1 47	17 13	0 25	7 51	0 43	17 21	0 45	21 12	0 3	9 3	0 32	17 6	0 19	21 55	1 26	13 38	13 44	4 19	1 19	4 30
S 29	16 48	25 26	4 57	10 48	2 1	17 36	0 22	7 48	0 40	17 25	0 45	21 12	0 4	9 4	0 32	17 6	0 19	21 55	1 25	13 42	13 45	4 16	1 18	4 30
M30	17n 4	27 s17	4 s40	10n30	2s15	17n57	0 s 2 0	7 s44	0n38	17n29	0 s45	21 s12	0s 4	9n4	0 s32	17n 6	0n19	21n55	1 s25	13 s46	13 s46	4n12	1 s 1 7	4n30

Julian Day Number = 2243820.5, Delta T = 07m02s

Ecliptic obliquity = 23°30'55, Nutation = 0°00'09, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 16°48'21, Lahiri = 15°55'22 Julian Calendar 1 Apr. 1431 == Greg. Calendar 10 Apr. 1431

MAY 1431 JC 00:00 UT

1.11	1-01														00.00	0 01
Day	Sid.t	0	D	ğ	ρ	♂	4	ħ)∤(¥	Р	n	v	Ç	ķ	Day
T 1	15 7 46	18 8 19'19	28 ×7 7	2°R58	23 8 2	21°R 0	21845	25°R18	26 Y 20	13 Ω 35	6955	23°R15	23≈19	15 m 3	16) 18	T 1
W 2	15 11 43	19°17'03	11 る 33	2 8 50	24°15	20 ≏ 45	21°59	25 る 18	26°23	13°36	6°56	23≈ 9	23°16	15° 9	16°20	W 2
T 3	15 15 39	20°14'45	25°10	2°D47	25°29	20°31	22°13	25°17	26°27	13°36	6°57	23° 5	23°13	15°16	16°22	T 3
F 4	15 19 36	21°12'26	8≈57	2°48	26°43	20°17	22°28	25°17	26°30	13°37	6°59	23° 3	23°10	15°23	16°24	F 4
S 5	15 23 32	22°10'07	22°54	2°53	27°57	20° 5	22°42	25°16	26°33	13°37	7° 0	23° 3	23° 6	15°29	16°26	S 5
S 6	15 27 29	23° 7'46	7 ∺ 1	3° 4	29°11	19°53	22°56	25°15	26°36	13°38	7° 1	23° 3	23° 3	15°36	16°28	S 6
M 7	15 31 25	24° 5'24	21°18	3°18	0 Ⅱ 24	19°42	23°10	25°14	26°39	13°39	7° 2	23° 1	23° 0	15°43	16°30	M 7
T 8	15 35 22	25° 3'01	5 ℃ 42	3°37	1°38	19°31	23°24	25°13	26°43	13°39	7° 3	22°58	22°57	15°49	16°32	T 8
W 9	15 39 19	26° 0'37	20° 9	4° 1	2°52	19°22	23°38	25°12	26°46	13°40	7° 4	22°51	22°54	15°56	16°34	W 9
T 10	15 43 15	26°58'13	4 8 36	4°28	4° 6	19°13	23°52	25°11	26°49	13°41	7° 6	22°42	22°51	16° 3	16°36	T 10
F 11	15 47 12	27°55'47	18°55	5° 0	5°19	19° 5	24° 6	25° 9	26°52	13°42	7° 7	22°31	22°47	16° 9	16°37	F 11
S 12	15 51 8	28°53'20	3 I 1	5°36	6°33	18°58	24°20	25° 8	26°55	13°42	7° 8	22°19	22°44	16°16	16°39	S 12
S 13	15 55 5	29°50'52	16°48	6°16	7°47	18°51	24°34	25° 6	26°58	13°43	7° 9	22° 8	22°41	16°23	16°41	S 13
M14	15 59 1	0∏48'23	09୍ତ13	7° 0	9° 0	18°46	24°48	25° 5	27° 1	13°44	7°11	21°58	22°38	16°29	16°42	M14
T 15	16 2 58	1°45'53	13°15	7°47	10°14	18°41	25° 2	25° 3	27° 4	13°45	7°12	21°51	22°35	16°36	16°44	T 15
W16	16 6 54	2°43'22	25°55	8°38	11°28	18°37	25°16	25° 1	27° 7	13°46	7°13	21°46	22°32	16°43	16°45	W16
T 17	16 10 51	3°40'49	8 Ω 15	9°33	12°42	18°34	25°30	25° 0	27°10	13°47	7°15	21°44	22°28	16°49	16°47	T 17
F 18	16 14 48	4°38'15	20°20	10°31	13°55	18°32	25°44	24°58	27°13	13°48	7°16	21°D43	22°25	16°56	16°48	F 18
S 19	16 18 44	5°35'39	2 Mp 14	11°33	15° 9	18°30	25°58	24°56	27°16	13°49	7°17	21°R43	22°22	17° 3	16°49	S 19
S 20	16 22 41	6°33'03	14° 4	12°37	16°22	18°D30	26°12	24°53	27°19	13°50	7°19	21°43	22°19	17° 9	16°51	S 20
M21	16 26 37	7°30'25	25°54	13°45	17°36	18°30	26°26	24°51	27°21	13°51	7°20	21°42	22°16	17°16	16°52	M21
T 22	16 30 34	8°27'47	7 ≏ 49	14°56	18°50	18°31	26°40	24°49	27°24	13°52	7°21	21°38	22°12	17°23	16°53	T 22
W23	16 34 30	9°25'07	19°54	16°11	20° 3	18°33	26°54	24°47	27°27	13°53	7°23	21°32	22° 9	17°29	16°54	W23
T 24	16 38 27	10°22'26	2 M 13	17°28	21°17	18°35	27° 8	24°44	27°30	13°55	7°24	21°24	22° 6	17°36	16°55	T 24
F 25	16 42 23	11°19'44	14°48	18°49	22°30	18°39	27°22	24°42	27°32	13°56	7°25	21°14	22° 3	17°43	16°56	F 25
S 26	16 46 20	12°17'02	27°41	20°12	23°44	18°43	27°36	24°39	27°35	13°57	7°27	21° 2	22° 0	17°49	16°57	S 26
S 27	16 50 17	13°14'19	10 ∡ 751	21°38	24°58	18°48	27°49	24°36	27°38	13°58	7°28	20°51	21°57	17°56	16°58	S 27
M28	16 54 13	14°11'35	24°16	23° 8	26°11	18°53	28° 3	24°34	27°40	14° 0	7°30	20°41	21°53	18° 3	16°59	M28
T 29	16 58 10	15° 8'50	7 궁 55	24°40	27°25	19° 0	28°17	24°31	27°43	14° 1	7°31	20°33	21°50	18° 9	16°59	T 29
W30	17 2 6	16° 6'06	21°45	26°15	28°38	19° 7	28°31	24°28	27°46	14° 2	7°33	20°27	21°47	18°16	17° 0	W30
T 31	17 6 3	17 Ⅲ 3'20	5≈42	27 8 53	29∏52	19 ≏ 14	28 8 44	24 궁 25	27 Y 48	14 N 4	7934	20≈24	21≈44	18 M)23	17) (1	T 31

Day	0	D	ğ	Ф	♂	4	ħ)∤(¥	Р	v v	Ç	ķ
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl lat	decl decl	decl	decl lat
T 1 W 2	17n20	27 s37 4s 7 26 20 3 20					5 21 s12 0s 4 5 21 12 0 4				13 s49 13 s47 13 51 13 48	-	1s16 4n30 1 15 4 30
T 3	17 52	23 29 2 22	9 49 2 49	9 18 59 0 13	7 35 0 29	17 40 0 45	21 13 0 4	9 45 0 32	17 6 0 19	21 55 1 25	13 52 13 49	4 2	1 14 4 31
F 4 S 5	-	19 16 1 14 13 56 0 1		9 19 19 0 11 7 19 38 0 8	7 32 0 27 7 30 0 24		5 21 13 0 4 5 21 13 0 4				13 52 13 50 13 53 13 51		1 13 4 31 1 12 4 31
S 6 M 7	18 37 18 51	7 50 1n13 1 16 2 23			7 28 0 21 7 26 0 19	17 51 0 44 17 54 0 44	21 13 0 4				13 53 13 53 13 53 13 54		1 12 4 31 1 11 4 31
T 8 W 9	19 5 19 19	5n24 3 25	9 32 3 20	5 20 32 0 1		17 58 0 44	21 14 0 4 21 14 0 4 21 14 0 4	9 50 0 32	17 5 0 19	21 55 1 25	13 54 13 55 13 57 13 56	3 46	1 10 4 31 1 10 4 31 1 9 4 32
T 10 F 11	19 33	17 34 4 46	9 42 3 3		7 23 0 11 7 22 0 8	18 5 0 44	21 14 0 4 21 14 0 5 21 15 0 5	9 53 0 32	17 4 0 19	21 55 1 25 21 55 1 24	14 0 13 57	3 39	1 8 4 32 1 7 4 32
S 12		25 39 4 55		8 21 37 0 9	7 21 0 6		21 15 0 5			21 55 1 24			1 6 4 32
S 13 M14	20 11 20 23	-		8 21 51 0 11 8 22 6 0 13	7 21 0 3 7 22 0 1		21 15 0 5 21 16 0 5				14 11 14 0 14 14 14 1	3 29 3 26	1 6 4 32 1 5 4 33
T 15 W16	20 35 20 46		10 44 3 3° 11 2 3 3°	7 22 19 0 16 5 22 32 0 18	7 22 0s 2 7 23 0 4						14 16 14 2 14 18 14 3	3 22 3 19	1 4 4 33 1 3 4 33
T 17 F 18	20 57 21 8	19 24 1 11 14 52 0 7	11 22 3 32 11 43 3 29		7 24 0 6 7 25 0 9		21 17 0 5 21 18 0 5				14 18 14 4 14 19 14 5	3 16 3 12	1 3 4 33 1 2 4 33
	21 18							10 2 0 32			14 19 14 6	3 9	1 1 4 33
S 20 M21	21 28 21 38	4 31 1 56 0s59 2 51		0 23 16 0 28 5 23 26 0 30			3 21 18 0 5 3 21 19 0 6	10 3 0 32 10 4 0 32			14 19 14 7 14 19 14 8	3 6 3 2	1 1 4 34 1 0 4 34
	21 47 21 56			9 23 35 0 32 2 23 43 0 35			3 21 19 0 6 3 21 20 0 6				14 20 14 9 14 22 14 10		0 59 4 34 0 59 4 34
T 24	22 4 22 13	16 45 4 46		5 23 50 0 37	7 39 0 22	18 53 0 43	21 20 0 6 3 21 21 0 6	10 7 0 32	17 0 0 19	21 55 1 23	14 25 14 11 14 28 14 12	2 52	0 58 4 34 0 58 4 35
S 26	_		15 18 2 39				21 22 0 6				14 28 14 12 14 32 14 13		0 58 4 35 0 57 4 35
S 27 M28	-		15 49 2 30 16 21 2 2		7 49 0 28 7 53 0 30						14 35 14 14 14 39 14 15		0 56 4 35 0 56 4 35
T 29	22 41	26 42 3 26	16 53 2 1	1 24 17 0 48	7 57 0 32	19 8 0 43	21 23 0 6	10 12 0 32	16 59 0 19	21 55 1 23	14 41 14 16	2 36	0 55 4 35
		-		1 24 20 0 50 1 24n23 0n52	-						14 43 14 17 14 s44 14 s18	_	0 55 4 36 0s55 4n36

Julian Day Number = 2243850.5, Delta T = 07m02s

Ecliptic obliquity = $23^{\circ}30'55$, Nutation = $0^{\circ}00'09$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°48'25, Lahiri = 15°55'26 Julian Calendar 1 May 1431 == Greg. Calendar 10 May 1431

JUNE 1431 JC 00:00 UT

Day	Sid.t	0	D	Ϋ́	φ	♂	4	ħ)∤(卉	Р	ß	Ω	Ç	Ŷ,	Day
F 1	17 9 59	18耳 0'34	19 ≈ 45	29 8 34	199 5	19 ≙ 23	28 8 58	24°R22	27 Y 51	14 Ω 5	7936	20°D24	21≈41	18 m)29	17) 2	F 1
S 2	17 13 56	18°57'48	3 ¥ 51	1 II 18	2°19	19°32	29°12	24 궁 19	27°53	14° 6	7°37	20≈24	21°38	18°36	17° 2	S 2
S 3	17 17 52	19°55'02	17°59	3° 5	3°32	19°42	29°25	24°15	27°55	14° 8	7°38	20°R24	21°34	18°43	17° 3	S 3
M 4	17 21 49	20°52'16	2 Υ 9	4°54	4°46	19°52	29°39	24°12	27°58	14° 9	7°40	20°24	21°31	18°49	17° 3	M 4
T 5	17 25 46	21°49'29	16°18	6°46	5°59	20° 3	29°52	24° 9	28° 0	14°11	7°41	20°22	21°28	18°56	17° 3	T 5
W 6	17 29 42	22°46'43	0 8 24	8°40	7°13	20°15	0 Π 6	24° 5	28° 3	14°12	7°43	20°17	21°25	19° 3	17° 4	W 6
T 7	17 33 39	23°43'56	14°25	10°37	8°26	20°28	0°19	24° 2	28° 5	14°14	7°44	20°10	21°22	19° 9	17° 4	T 7
F 8	17 37 35	24°41'09	28°18	12°37	9°40	20°41	0°33	23°58	28° 7	14°15	7°46	20° 2	21°18	19°16	17° 4	F 8
S 9	17 41 32	25°38'22	11耳59	14°38	10°53	20°54	0°46	23°55	28° 9	14°17	7°47	19°53	21°15	19°23	17° 5	S 9
S 10	17 45 28	26°35'35	25°24	16°42	12° 7	21° 9	0°59	23°51	28°11	14°19	7°49	19°44	21°12	19°29	17° 5	S 10
M11	17 49 25	27°32'48	8933	18°47	13°20	21°23	1°13	23°47	28°14	14°20	7°51	19°37	21° 9	19°36	17° 5	M11
T 12	17 53 22	28°30'01	21°23	20°54	14°34	21°39	1°26	23°44	28°16	14°22	7°52	19°31	21° 6	19°43	17°R 5	T 12
W13	17 57 18	29°27'13	3 N 55	23° 2	15°47	21°55	1°39	23°40	28°18	14°24	7°54	19°28	21° 3	19°49	17° 5	W13
T 14	18 1 15	09524'25	16°11	25°11	17° 0	22°12	1°52	23°36	28°20	14°25	7°55	19°D27	20°59	19°56	17° 5	T 14
F 15	18 5 11	1°21'36	28°14	27°21	18°14	22°29	2° 5	23°32	28°22	14°27	7°57	19°27	20°56	20° 3	17° 4	F 15
S 16	18 9 8	2°18'48	10 m 8	29°31	19°27	22°46	2°18	23°28	28°24	14°29	7°58	19°28	20°53	20° 9	17° 4	S 16
S 17	18 13 4	3°15'59	21°58	19542	20°41	23° 5	2°31	23°24	28°26	14°30	8° 0	19°29	20°50	20°16	17° 4	S 17
M18	18 17 1	4°13'09	3 ≏ 49	3°52	21°54	23°23	2°44	23°20	28°27	14°32	8° 1	19°R30	20°47	20°23	17° 4	M18
T 19	18 20 57	5°10'20	15°45	6° 2	23° 7	23°43	2°57	23°16	28°29	14°34	8° 3	19°29	20°44	20°29	17° 3	T 19
W20	18 24 54	6° 7'30	27°52	8°12	24°21	24° 3	3°10	23°12	28°31	14°36	8° 4	19°27	20°40	20°36	17° 3	W20
T 21	18 28 51	7° 4'40	10 M .14	10°20	25°34	24°23	3°23	23° 8	28°33	14°38	8° 6	19°23	20°37	20°42	17° 2	T 21
F 22	18 32 47	8° 1'50	22°55	12°28	26°47	24°44	3°36	23° 4	28°34	14°40	8° 7	19°18	20°34	20°49	17° 2	F 22
S 23	18 36 44	8°59'00	5 ₹ 57	14°34	28° 1	25° 5	3°48	22°59	28°36	14°41	8° 9	19°11	20°31	20°56	17° 1	S 23
S 24	18 40 40	9°56'10	19°20	16°39	29°14	25°26	4° 1	22°55	28°38	14°43	8°11	19° 5	20°28	21° 2	17° 1	S 24
M25	18 44 37	10°53'21	3 る 4	18°43	0Ω 27	25°49	4°13	22°51	28°39	14°45	8°12	18°59	20°24	21° 9	17° 0	M25
T 26	18 48 33	11°50'31	17° 5	20°45	1°41	26°11	4°26	22°47	28°41	14°47	8°14	18°54	20°21	21°16	16°59	T 26
W27	18 52 30	12°47'42	1≈20	22°45	2°54	26°34	4°38	22°42	28°42	14°49	8°15	18°52	20°18	21°23	16°58	W27
T 28	18 56 26	13°44'54	15°42	24°44	4° 7	26°58	4°51	22°38	28°44	14°51	8°17	18°D51	20°15	21°29	16°58	T 28
F 29	19 0 23	14°42'05	0 ∺ 9	26°40	5°20	27°21	5° 3	22°34	28°45	14°53	8°18	18°51	20°12	21°36	16°57	F 29
S 30	19 4 20	15939'17	14) (34	28935	6Ω 34	27 ≏ 46	5 Ⅱ 15	22る29	28 Y 46	14 Ω 55	8920	18≈52	20≈ 9	21 m/43	16 米 56	S 30

Day	0	Ş)	ζ	5	ç)	ď	?	2	+	ħ	l.)į	ξ((В		n	v	Ç	ķ	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
F 1 S 2	22n58 23 3		0s 3 1n11	18n30 19 2		24n25 24 26	0n54 0 56	8 s12 8 17		19n18 19 21		21 s25 21 26		10n15 10 15		16n57 16 57		21n55 21 55			14s19 14 20	2n26 2 22	0s54 0 54	4n36 4 36
S 3	23 8	2 35		19 34		24 26	0 58	8 22	0 41	19 24		21 27		10 16		16 57		21 55	-		14 21	2 19	0 53	4 36
M 4 T 5	23 12 23 16	01100	3 24 4 13	20 5 20 36	1 6 0 55		1 0 1 2	8 28 8 33	0 43 0 45		0 43 0 43	21 27 21 28		10 17 10 18		16 56 16 56		21 55 21 55	1 23 1 23		14 23 14 24	2 16 2 12	0 53 0 53	4 37 4 37
W 6	23 19 23 22		4 47 5 4	21 6 21 35	0 43 0 32		1 4 1 6	8 39 8 46	0 47 0 48			21 29 21 29		10 19 10 20				21 55 21 55			14 25 14 26	2 9 2 6	0 52 0 52	4 37 4 37
F 8 S 9	23 24	24 45 26 58	5 2		0 20		1 7	8 52 8 59	0 50		0 43	21 30 21 31	0 7	10 20 10 20 10 21	0 32	16 54 16 54	0 19	21 55 21 55	1 22	14 51	14 27 14 28	2 2 1 59	0 52 0 51	4 37 4 38
S 10	23 28	27 35	4 9	22 53	0n 2	24 8	1 11	9 6	0 53	19 44	0 42	21 31	0 7	10 22	0 32	16 53	0 19	21 55	1 22	14 57	14 29	1 56	0 51	4 38
M11 T 12	23 30	26 36 24 12	2 25	23 15 23 36		23 57	1 12 1 14	9 13 9 20	0 56	19 46 19 49	0 42	21 32 21 33	0 8	10 23 10 23	0 32	16 53 16 53	0 19		1 22	15 1	14 30 14 31	1 52 1 49	0 51 0 51	4 38 4 38
T 14	23 31 23 31	20 41 16 19	0 18			23 50 23 42	1 16 1 17	9 27 9 35		19 52 19 55		21 34 21 34		10 24 10 25		16 52 16 52		21 55 21 55	1 22 1 22	15 2	14 32 14 33	1 46 1 42	0 51 0 50	4 39 4 39
F 15 S 16	23 30 23 30	11 23 6 6		24 2224 32		23 34 23 25	1 18 1 20	9 43 9 51		19 57 20 0		21 35 21 36		10 25 10 26		16 51 16 51		21 55 21 55	1 22 1 22		14 34 14 35	1 39 1 36	0 50 0 50	4 39 4 39
S 17 M18	23 28 23 27			24 40 24 44	1 10 1 17	23 15 23 5	1 21 1 22	9 59 10 7		20 2 20 5		21 37 21 37		10 27 10 27		16 50 16 50		21 55 21 55	1 22 1 22		14 36 14 37	1 32 1 29	0 50 0 50	4 39 4 39
T 19 W20	23 25 23 22	10 11	4 18	24 46 24 45	1 24	22 54	1 24	10 15 10 24	1 6	20 7 20 10	0 42	21 38 21 39	0 8	10 28 10 29	0 32	16 49 16 48	0 19	21 55 21 55	1 22 1 22	15 1	14 38	1 26 1 22	0 50 0 50	4 40 4 40
T 21 F 22	23 19	19 46 23 32	5 6	24 41 24 35	1 35	22 30 22 17	1 26	10 32 10 41	1 8	20 12 20 15	0 42	21 40 21 41	0 8	10 29 10 30	0 32	16 48 16 47	0 19	21 55 21 55		15 3		1 19 1 16	0 50 0 50	4 40 4 40
		26 14		24 25	1 43			10 41		20 17		21 41		10 30		16 47		21 55	1 21		14 42	1 12	0 50	4 40
S 24 M25	-	27 32 27 12		24 14 23 59		21 49 21 34	1 29 1 30	10 59 11 8		20 20 20 22		21 42 21 43		10 31 10 32		16 46 16 46		21 54 21 54	1 21 1 21		14 43 14 44	1 9 1 6	0 50 0 50	4 41 4 41
T 26 W27	22 59	25 8 21 27	2 44	23 43 23 24	1 50 1 51	21 19	1 30	11 18 11 27	1 14	20 24 20 27	0 42	21 44 21 45	0 9	10 32 10 33	0 32	16 45	0 19	21 54 21 54	1 21	15 12	14 45 14 46	1 2 0 59	0 50 0 51	4 41
T 28	22 48	16 27	0 17	23 4	1 51	20 46	1 32	11 37	1 17	20 29	0 42	21 45	0 9	10 33	0 32	16 44	0 19	21 54	1 21	15 13	14 47	0 56	0 51	4 41
F 29 S 30		10 30 4s 0		22 41 22n17		20 29 20n11	-	11 46 11 s56		20 31 20n33		21 46 21 s47		10 34 10n34		16 44 16n43		21 54 21n54			14 48 14 s49	0 52 0n49	0 51 0s51	4 42 4n42

Julian Day Number = 2243881.5, Delta T = 07m02s

Ecliptic obliquity = 23°30'54, Nutation = 0°00'10, out-of-bounds declination in red Ayanamsha: Fagan/Bradley = 16°48'29, Lahiri = 15°55'30 Julian Calendar 1 June 1431 == Greg. Calendar 10 June 1431

JULY 1431 JC 00:00 UT

Day	Sid.t	0	D	Ϋ́	Q	ď	4	ħ)/(¥	Р	ß	Ω	Ç	Ŷ,	Day
S 1	19 8 16	16936'30	28 米 55	0Ω29	7 Ω 47	28 ₾ 10	5 Ⅱ 27	22°R25	28 Y 48	14 Ω 57	89921	18≈54	20≈ 5	21 m/49	16°R55	S 1
M 2	19 12 13	17°33'44	13 Y 8	2°20	9° 0	28°35	5°39	22る20	28°49	14°59	8°23	18°R54	20° 2	21°56	16) 54	M 2
T 3	19 16 9	18°30'59	27°12	4°10	10°13	29° 1	5°52	22°16	28°50	15° 1	8°24	18°54	19°59	22° 2	16°53	T 3
W 4	19 20 6	19°28'14	118 5	5°58	11°26	29°27	6° 3	22°12	28°51	15° 3	8°26	18°53	19°56	22° 9	16°51	W 4
T 5	19 24 2	20°25'30	24°47	7°44	12°39	29°53	6°15	22° 7	28°52	15° 5	8°27	18°50	19°53	22°16	16°50	T 5
F 6	19 27 59	21°22'47	8 Ⅱ 16	9°28	13°53	0 M .19	6°27	22° 3	28°53	15° 7	8°29	18°46	19°50	22°23	16°49	F 6
S 7	19 31 55	22°20'05	21°32	11°11	15° 6	0°46	6°39	21°58	28°54	15° 9	8°30	18°42	19°46	22°29	16°48	S 7
S 8	19 35 52	23°17'24	4934	12°51	16°19	1°13	6°51	21°54	28°55	15°11	8°32	18°38	19°43	22°36	16°46	S 8
M 9	19 39 49	24°14'44	17°21	14°30	17°32	1°41	7° 2	21°49	28°56	15°13	8°33	18°35	19°40	22°43	16°45	M 9
T 10	19 43 45	25°12'04	29°54	16° 7	18°45	2° 9	7°14	21°45	28°57	15°15	8°35	18°33	19°37	22°49	16°43	T 10
W11	19 47 42	26° 9'25	$12\Omega14$	17°42	19°58	2°37	7°25	21°40	28°58	15°18	8°36	18°32	19°34	22°56	16°42	W11
T 12	19 51 38	27° 6'47	24°22	19°16	21°11	3° 6	7°36	21°36	28°59	15°20	8°38	18°D32	19°30	23° 3	16°40	T 12
F 13	19 55 35	28° 4'09	6 m 21	20°48	22°24	3°35	7°48	21°32	28°59	15°22	8°39	18°32	19°27	23° 9	16°39	F 13
S 14	19 59 31	29° 1'32	18°13	22°18	23°37	4° 4	7°59	21°27	29° 0	15°24	8°41	18°34	19°24	23°16	16°37	S 14
S 15	20 3 28	29°58'55	0 <u>ჲ</u> 2	23°46	24°50	4°34	8°10	21°23	29° 1	15°26	8°42	18°35	19°21	23°23	16°36	S 15
M16	20 7 24	0 Ω 56'19	11°52	25°12	26° 3	5° 4	8°21	21°18	29° 1	15°28	8°44	18°37	19°18	23°29	16°34	M16
T 17	20 11 21	1°53'44	23°48	26°36	27°16	5°34	8°32	21°14	29° 2	15°31	8°45	18°38	19°15	23°36	16°32	T 17
W18	20 15 18	2°51'10	5 M .54	27°59	28°29	6° 5	8°42	21°10	29° 2	15°33	8°47	18°R38	19°11	23°43	16°30	W18
T 19	20 19 14	3°48'36	18°15	29°20	29°42	6°35	8°53	21° 6	29° 3	15°35	8°48	18°37	19°8	23°49	16°28	T 19
F 20	20 23 11	4°46'03	0 ∡ 756	0 m 38	0 m 55	7° 7	9° 4	21° 1	29° 3	15°37	8°50	18°36	19° 5	23°56	16°26	F 20
S 21	20 27 7	5°43'31	13°59	1°55	2° 8	7°38	9°14	20°57	29° 3	15°39	8°51	18°35	19° 2	24° 3	16°25	S 21
S 22	20 31 4	6°41'00	27°26	3° 9	3°21	8°10	9°25	20°53	29° 4	15°41	8°52	18°33	18°59	24° 9	16°23	S 22
M23	20 35 0	7°38'30	11 る 19	4°22	4°34	8°42	9°35	20°49	29° 4	15°44	8°54	18°32	18°56	24°16	16°21	M23
T 24	20 38 57	8°36'00	25°34	5°32	5°47	9°14	9°45	20°45	29° 4	15°46	8°55	18°31	18°52	24°23	16°19	T 24
W25	20 42 54	9°33'32	10≈ 7	6°40	7° 0	9°46	9°55	20°40	29° 4	15°48	8°57	18°30	18°49	24°29	16°16	W25
T 26	20 46 50	10°31'05	24°53	7°45	8°12	10°19	10° 5	20°36	29° 4	15°50	8°58	18°D30	18°46	24°36	16°14	T 26
F 27	20 50 47	11°28'39	9) (45	8°48	9°25	10°52	10°15	20°32	29°R 4	15°53	8°59	18°30	18°43	24°43	16°12	F 27
S 28	20 54 43	12°26'14	24°34	9°49	10°38	11°25	10°25	20°28	29° 4	15°55	9° 1	18°31	18°40	24°49	16°10	S 28
S 29	20 58 40	13°23'51	9 Υ 15	10°46	11°51	11°58	10°34	20°25	29° 4	15°57	9° 2	18°31	18°36	24°56	16° 8	S 29
M30	21 2 36	14°21'30	23°42	11°41	13° 3	12°32	10°44	20°21	29° 4	15°59	9° 3	18°32	18°33	25° 3	16° 5	M30
T 31	21 6 33	15 Ω 19'10	7 8 52	12 m 33	14 M 16	13 M 6	10 Ⅱ 53	20 궁 17	29 ° 4	16 Ω 1	995 4	18 ≈ 32	18 ≈ 30	25 mg 9	16 米 3	T 31

Day	0	J)	ζ	5	ç	2	ď	•	2	ļ.	ħ	<u> </u>)į	ξ(Ä	Ţ	Е)	n	Ω	Ç	ķ	
	decl	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	lat	decl	decl	decl	decl	lat
S 1	22n29	2n39	3n22	21n52	1n47	19n53		12 s 6		20n35	0 s42	21 s48	0s 9	10n34	0s33	16n42	0n19	21n54	1 s21	15 s12	14s50	0n46	0s51	4n42
M 2	22 21	9 6	4 14	21 24	1 45	19 34	1 34	12 16	1 21	20 38	0 42	21 49	0 9	10 35	0 33	16 42	0 19	21 54	1 21	15 12	14 51	0 43	0 52	4 42
T 3	22 14	15 2	4 51	20 56	1 42	19 15	1 34	12 26	1 22	20 40	0 42	21 49	0 10	10 35	0 33	16 41	0 19	21 54	1 21	15 12	14 52	0 39	0 52	4 42
W 4	22 6	20 6	5 10	20 26	1 39	18 55	1 34	12 36	1 23	20 42	0 42	21 50	0 10	10 36	0 33	16 41	0 19	21 54	1 21	15 13	14 53	0 36	0 52	4 42
T 5	21 57	24 3	5 11	19 55	1 35	18 34	1 34	12 46	1 24	20 44	0 42	21 51	0 10	10 36	0 33	16 40	0 19	21 54	1 21	15 14	14 54	0 33	0 52	4 43
F 6	21 49	26 37	4 55	19 23	1 30	18 13	1 34	12 56	1 25	20 46	0 42	21 52	0 10	10 36	0 33	16 39	0 19	21 54	1 21	15 15	14 55	0 29	0 53	4 43
S 7	21 39	27 38	4 23	18 50	1 25	17 52	1 34	13 7	1 26	20 48	0 42	21 53	0 10	10 37	0 33	16 39	0 19	21 54	1 21	15 16	14 56	0 26	0 53	4 43
S 8	21 30	27 5	3 38	18 17	1 20	17 30	1 34	13 17	1 26	20 50	0 42	21 54	0 10	10 37	0 33	16 38	0 19	21 54	1 21	15 17	14 57	0 23	0 53	4 43
M 9	21 20	25 5	2 43	17 43	1 14	17 7	1 34	13 28	1 27	20 52	0 42	21 54	0 10	10 37	0 33	16 38	0 19	21 54	1 21	15 18	14 58	0 19	0 54	4 43
T 10	21 10	21 53	1 41	17 8	1 7	16 44	1 34	13 38	1 28	20 54	0 42	21 55	0 10	10 38	0 33	16 37	0 19	21 54	1 21	15 19	14 59	0 16	0 54	4 43
W11	20 59	17 44	0 35	16 32	1 1	16 21	1 34	13 49	1 29	20 56	0 42	21 56	0 10	10 38	0 33	16 36	0 19	21 54	1 20	15 19	15 0	0 13	0 55	4 44
T 12	20 48	12 56	0 s32	15 56	0 54	15 57	1 33	13 59	1 30	20 57	0 42	21 57	0 10	10 38	0 33	16 36	0 19	21 54	1 20	15 19	15 1	0 9	0 55	4 44
F 13	20 37	7 43	1 37	15 20	0 46	15 33	1 33	14 10	1 31	20 59	0 42	21 57	0 10	10 38	0 33	16 35	0 19	21 54	1 20	15 19	15 2	0 6	0 56	4 44
S 14	20 25	2 16	2 37	14 44	0 39	15 9	1 32	14 21	1 31	21 1	0 42	21 58	0 10	10 39	0 33	16 34	0 19	21 54	1 20	15 19	15 3	0 3	0 56	4 44
S 15	20 13	3 s13	3 30	14 7	0 30	14 44	1 32	14 32	1 32	21 3	0 42	21 59	0 11	10 39	0 33	16 34	0 19	21 54	1 20	15 18	15 4	0 s 1	0 57	4 44
M16	20 1	8 36	4 14	13 30	0 22	14 18	1 31	14 42	1 33	21 5	0 42	22 0	0 11	10 39	0 33	16 33	0 19	21 54	1 20	15 18	15 5	0 4	0 57	4 44
T 17	19 48	13 42	4 47	12 54	0 13	13 52	1 31	14 53	1 34	21 6	0 42	22 1	0 11	10 39	0 33	16 33	0 19	21 53	1 20	15 17	15 6	0 7	0 58	4 44
W18	19 35	18 23	5 9	12 17	0 4	13 26	1 30	15 4	1 34	21 8	0 42	22 1	0 11	10 39	0 33	16 32	0 19	21 53	1 20	15 17	15 7	0 11	0 58	4 45
T 19	19 22	22 23	5 16	11 40	0s 5	13 0	1 29	15 15	1 35	21 10	0 42	22 2	0 11	10 39	0 33	16 31	0 19	21 53	1 20	15 18	15 8	0 14	0 59	4 45
F 20	19 8	25 27	5 9	11 4	0 14	12 33	1 28	15 26	1 36	21 11	0 42	22 3	0 11	10 40	0 33	16 31	0 19	21 53	1 20	15 18	15 9	0 17	1 0	4 45
S 21	18 54	27 17	4 46	10 27	0 24	12 6	1 27	15 37	1 36	21 13	0 42	22 4	0 11	10 40	0 33	16 30	0 19	21 53	1 20	15 18	15 10	0 20	1 0	4 45
S 22	18 40	27 36	4 7	9 51	0 34	11 39	1 26	15 48	1 37	21 14	0 42	22 4	0 11	10 40	0 33	16 29	0 19	21 53	1 20	15 19	15 11	0 24	1 1	4 45
M23	18 25	26 13	3 12	9 16	0 44	11 11	1 25	15 59	1 38	21 16	0 42	22 5	0 11	10 40	0 33	16 29	0 19	21 53	1 20	15 19	15 12	0 27	1 2	4 45
T 24	18 10	23 7	2 4	8 41	0 54	10 43	1 23	16 10	1 38	21 17	0 42	22 6	0 11	10 40	0 33	16 28	0 19	21 53	1 20	15 20	15 13	0 30	1 2	4 45
W25	17 55	18 31	0 46	8 6	1 4	10 15	1 22	16 21	1 39	21 19	0 42	22 6	0 11	10 40	0 33	16 27	0 19	21 53	1 20	15 20	15 14	0 34	1 3	4 45
T 26	17 39	12 43	0n35	7 32	1 15	9 46	1 21	16 32	1 39	21 20	0 42	22 7	0 11	10 40	0 33	16 27	0 19	21 53	1 20	15 20	15 15	0 37	1 4	4 46
F 27	17 24	6 10	1 55	6 58	1 26	9 17	1 19	16 43	1 40	21 22	0 42	22 8	0 12	10 40	0 33	16 26	0 19	21 53	1 20	15 20	15 16	0 40	1 4	4 46
S 28	17 8	0n42	3 7	6 26	1 36	8 48	1 18	16 54	1 40	21 23	0 42	22 8	0 12	10 40	0 33	16 25	0 19	21 53	1 20	15 20	15 17	0 44	1 5	4 46
S 29	16 51	7 27	4 6	5 54	1 47	8 19	1 16	17 5	1 41	21 25	0 42	22 9	0 12	10 40	0 33	16 25	0 19	21 53	1 20	15 19	15 18	0 47	1 6	4 46
M30	16 35	13 41	4 48	5 23	1 58	7 50	1 15	17 15	1 41	21 26	0 42	22 10	0 12	10 40	0 33	16 24	0 19	21 53	1 20	15 19	15 19	0 50	1 7	4 46
T 31	16n18	19n 5	5n12	4n53	2s 9	7n20	1n13	17 s26	1 s42	21n27	0 s42	22 s 10	0s12	10n40	0 s33	16n23	0n19	21n53	1 s20	15 s19	15 s20	0s54	1 s 8	4n46

Julian Day Number = 2243911.5, Delta T = 07m02s

Ecliptic obliquity = $23^{\circ}30'54$, Nutation = $0^{\circ}00'11$, out-of-bounds declination in red

 $Ayanamsha: Fagan/Bradley = 16^{\circ}48'34, Lahiri = 15^{\circ}55'34 \ Julian \ Calendar \ 1 \ July \ 1431 == Greg. \ Calendar \ 10 \ July \ 1431 == Greg. \ Calendar \ 1431 == Greg. \ Ca$

AUGUST 1431 JC 00:00 UT

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Day	Sid.t	0	D	ğ	φ	ð	4	ħ)∤(#	Р	S.	v	Ç	ķ	Day
W 1	21 10 29	16Ω16'52	21842	13 m 22	15 m 29	13 M .40	11 I I 3	20°R13	29°R 4	16 Ω 4	995 6	18°R32	18≈27	25 Mp 16	16°R 1	W 1
T 2	21 14 26	17°14'35	5 Ⅱ 14	14° 7	16°41	14°14	11°12	20궁 9	29 Υ 4	16° 6	9° 7	18 ≈ 32	18°24	25°23	15 米 58	T 2
F 3	21 18 23	18°12'20	18°27	14°49	17°54	14°49	11°21	20° 6	29° 3	16° 8	9°8	18°D32	18°21	25°29	15°56	F 3
S 4	21 22 19	19°10'07	19524	15°27	19° 6	15°24	11°30	20° 2	29° 3	16°10	9°10	18°32	18°17	25°36	15°54	S 4
S 5	21 26 16	20° 7'56	14° 5	16° 2	20°19	15°59	11°39	19°59	29° 2	16°13	9°11	18°32	18°14	25°43	15°51	S 5
M 6	21 30 12	21° 5'46	26°33	16°32	21°31	16°34	11°47	19°55	29° 2	16°15	9°12	18°32	18°11	25°49	15°49	M 6
T 7	21 34 9	22° 3'38	8 Ω 49	16°57	22°44	17°10	11°56	19°52	29° 1	16°17	9°13	18°32	18° 8	25°56	15°46	T 7
W 8	21 38 5	23° 1'31	20°56	17°18	23°56	17°45	12° 4	19°48	29° 1	16°19	9°14	18°R32	18° 5	26° 3	15°44	W 8
T 9	21 42 2	23°59'25	2 m 55	17°35	25° 9	18°21	12°13	19°45	29° 0	16°21	9°16	18°32	18° 1	26° 9	15°41	T 9
F 10	21 45 58	24°57'22	14°49	17°45	26°21	18°57	12°21	19°42	29° 0	16°24	9°17	18°32	17°58	26°16	15°39	F 10
S 11	21 49 55	25°55'19	26°38	17°R51	27°34	19°34	12°29	19°39	28°59	16°26	9°18	18°31	17°55	26°23	15°36	S 11
S 12	21 53 51	26°53'18	8 ≏ 27	17°51	28°46	20°10	12°37	19°36	28°58	16°28	9°19	18°30	17°52	26°29	15°33	S 12
M13	21 57 48	27°51'19	20°17	17°44	29°58	20°47	12°45	19°33	28°57	16°30	9°20	18°29	17°49	26°36	15°31	M13
T 14	22 1 45	28°49'21	2 M 13	17°32	1₽11	21°24	12°52	19°30	28°57	16°32	9°21	18°27	17°46	26°43	15°28	T 14
W15	22 5 41	29°47'24	14°19	17°14	2°23	22° 1	13° 0	19°27	28°56	16°35	9°22	18°26	17°42	26°49	15°25	W15
T 16	22 9 38	0 m 45'29	26°37	16°49	3°35	22°38	13° 7	19°24	28°55	16°37	9°23	18°D26	17°39	26°56	15°23	T 16
F 17	22 13 34	1°43'36	9 √ 14	16°19	4°47	23°15	13°14	19°21	28°54	16°39	9°24	18°26	17°36	27° 3	15°20	F 17
S 18	22 17 31	2°41'43	22°12	15°42	6° 0	23°53	13°21	19°19	28°53	16°41	9°25	18°27	17°33	27° 9	15°17	S 18
S 19	22 21 27	3°39'53	5 ⋜ 34	15° 0	7°12	24°31	13°28	19°16	28°52	16°43	9°26	18°28	17°30	27°16	15°14	S 19
M20	22 25 24	4°38'04	19°24	14°12	8°24	25° 9	13°35	19°14	28°51	16°45	9°27	18°29	17°27	27°23	15°12	M20
T 21	22 29 21	5°36'16	3≈40	13°20	9°36	25°47	13°42	19°11	28°49	16°48	9°28	18°30	17°23	27°29	15° 9	T 21
W22	22 33 17	6°34'30	18°20	12°24	10°48	26°25	13°48	19° 9	28°48	16°50	9°29	18°R30	17°20	27°36	15° 6	W22
T 23	22 37 14	7°32'46	3 ∺ 18	11°26	12° 0	27° 4	13°54	19° 7	28°47	16°52	9°30	18°30	17°17	27°43	15° 3	T 23
F 24	22 41 10	8°31'03	18°27	10°25	13°12	27°42	14° 0	19° 5	28°46	16°54	9°31	18°28	17°14	27°49	15° 0	F 24
S 25	22 45 7	9°29'22	3 Ƴ 38	9°25	14°24	28°21	14° 6	19° 3	28°44	16°56	9°32	18°26	17°11	27°56	14°58	S 25
S 26	22 49 3	10°27'43	18°40	8°26	15°36	29° 0	14°12	19° 1	28°43	16°58	9°33	18°23	17° 7	28° 3	14°55	S 26
M27	22 53 0	11°26'07	3 8 25	7°29	16°47	29°39	14°18	18°59	28°42	17° 0	9°34	18°20	17° 4	28°10	14°52	M27
T 28	22 56 56	12°24'32	1 <u>7</u> °48	6°36	17°59	0 才 18	14°23	18°57	28°40	17° 2	9°34	18°18	17° 1	28°16	14°49	T 28
W29	23 0 53	13°23'00	1 Ⅱ 45	5°48	19°11	0°58	14°29	18°55	28°39	17° 4	9°35	18°16	16°58	28°23	14°46	W29
T 30	23 4 49	14°21'30	15°16	5° 6	20°23	1°37	14°34	18°54	28°37	17° 6	9°36	18°D16	16°55	28°30	14°44	T 30
F 31	23 8 46	15 m 20'02	28∏24	4 Mp 32	21 ≏ 34	2 , ₹17	14 II 39	18 궁 52	28 Y 36	17 Ω 8	9937	18 ≈ 17	16≈52	28 m 36	14) (41	F 31

Day	0	D	ğ	φ	♂	4	ŧ	1)į	β(¥		Р	ß	Ω	Ç	Š	
	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl	lat	decl	lat	decl lat	de	l lat	decl	decl	decl	decl	lat
W 1	16n 0	23n21 5n17	4n25 2s19	6n50 1n11	17 s37 1 s42	21n29 0s	s42 22 s11	0s12	10n40	0s33	16n23 0n	19 21n5	3 1 s 2 0	15 s19	15 s21	0s57	1 s 8	4n46
T 2	15 43	26 13 5 4	3 57 2 30	6 20 1 9	17 48 1 43	21 30 0	42 22 12	0 12	10 39	0 33	16 22 0	19 21 5	3 1 19	15 19	15 22	1 0	1 9	4 46
F 3		27 35 4 35					42 22 12	-	10 39		-	19 21 5	-		-	1 3	1 10	4 46
S 4	15 7	27 23 3 53	3 7 2 51	5 19 1 5	18 9 1 44	21 32 0	42 22 13	0 12	10 39	0 33	16 21 0	19 21 5	3 1 19	15 19	15 24	1 7	1 11	4 46
S 5	14 49	25 45 3 0	2 44 3 2	4 49 1 3	18 20 1 44	21 33 0	42 22 14	0 12	10 39	0 33	16 20 0	19 21 5	3 1 19	15 19	15 25	1 10	1 12	4 46
M 6	14 31	22 52 1 59	2 23 3 12	4 18 1 1	18 31 1 45	21 35 0	42 22 14	0 12	10 39	0 33	16 20 0	19 21 5	3 1 19	15 19	15 26	1 13	1 13	4 46
T 7	14 12	18 58 0 54	2 4 3 22	3 48 0 59	18 41 1 45	21 36 0	42 22 15	0 12	10 39	0 33	16 19 0	19 21 5	2 1 19	15 19	15 27	1 17	1 14	4 46
W 8	13 53	14 21 0s13	1 47 3 31	3 17 0 57	18 52 1 45	21 37 0	42 22 15	0 12	10 38	0 33	16 18 0	19 21 5	2 1 19	15 19	15 28	1 20	1 15	4 46
T 9	13 34	9 14 1 19	1 33 3 40	2 46 0 54			42 22 16		10 38			19 21 5		15 19	-	1 23	1 16	4 47
F 10	13 15	3 50 2 21	1 21 3 49	2 15 0 52	19 13 1 46	21 39 0	42 22 16	0 13	10 38	0 33		19 21 5		15 19	15 30	1 26	1 16	4 47
S 11	12 55	1s39 3 16	1 11 3 56	1 44 0 49	19 23 1 46	21 40 0	42 22 17	0 13	10 38	0 33	16 16 0	19 21 5	2 1 19	15 20	15 31	1 30	1 17	4 47
S 12	12 35	7 4 4 3	1 5 4 4	1 12 0 47	19 33 1 47	21 41 0	42 22 17	0 13	10 37	0 33	16 16 0	19 21 5	2 1 19	15 20	15 32	1 33	1 18	4 47
M13	12 15	12 16 4 39	1 1 4 10	0 41 0 44	19 44 1 47	21 42 0	42 22 18	0 13	10 37	0 33	16 15 0	19 21 5	2 1 19	15 20	15 33	1 36	1 19	4 47
T 14	11 55	17 2 5 4	1 1 4 15	0 10 0 42	19 54 1 47	21 43 0	42 22 18	0 13	10 37	0 33	16 14 0	19 21 5	2 1 19	15 21	15 33	1 40	1 20	4 47
W15	11 35	21 12 5 16	1 4 4 20	0s21 0 39	20 4 1 48	21 44 0	42 22 19	0 13	10 36	0 33	16 14 0	19 21 5	2 1 19	15 21	15 34	1 43	1 21	4 47
T 16	11 14	24 32 5 13	1 11 4 23	0 53 0 36	20 14 1 48	21 45 0	42 22 19	0 13	10 36	0 33	16 13 0	20 21 5	2 1 19	15 21	15 35	1 46	1 23	4 47
F 17	10 54	26 47 4 56	1 22 4 24	1 24 0 33	20 24 1 48	21 46 0	42 22 20	0 13	10 36	0 33	16 12 0	20 21 5	2 1 19	15 21	15 36	1 49	1 24	4 47
S 18	10 33	27 40 4 23	1 36 4 24	1 55 0 31	20 33 1 49	21 46 0	42 22 20	0 13	10 35	0 33	16 12 0	20 21 5	2 1 19	15 21	15 37	1 53	1 25	4 47
S 19	10 12	26 59 3 36	1 53 4 23	2 26 0 28	20 43 1 49	21 47 0	42 22 21	0 13	10 35	0 34	16 11 0	20 21 5	2 1 19	15 20	15 38	1 56	1 26	4 47
M20	9 50	24 39 2 34	2 15 4 19	2 58 0 25	20 52 1 49	21 48 0	42 22 21	0 13	10 35	0 34	16 10 0	20 21 5	2 1 19	15 20	15 39	1 59	1 27	4 47
T 21	9 29	20 43 1 21	2 40 4 14	3 29 0 22	21 2 1 49	21 49 0	43 22 22	0 13	10 34	0 34	16 10 0	20 21 5	2 1 19	15 20	15 40	2 3	1 28	4 47
W22	9 8	15 24 0 1	3 7 4 7	4 0 0 19	21 11 1 49	21 49 0	43 22 22	0 13	10 34	0 34	16 9 0	20 21 5	2 1 19	15 20	15 41	2 6	1 29	4 47
T 23	8 46	9 4 1n21	3 38 3 58	4 31 0 16	21 20 1 50	21 50 0	43 22 22	0 14	10 33	0 34	16 9 0	20 21 5	2 1 19	15 20	15 42	2 9	1 30	4 47
F 24	8 24	2 10 2 38	4 11 3 47	5 2 0 13	21 30 1 50	21 51 0	43 22 23	0 14	10 33	0 34	16 8 0	20 21 5	2 1 19	15 20	15 43	2 12	1 31	4 47
S 25	8 2	4n52 3 44	4 46 3 34	5 33 0 10	21 39 1 50	21 52 0	43 22 23	0 14	10 32	0 34	16 7 0	20 21 5	2 1 19	15 21	15 44	2 16	1 32	4 47
S 26	7 40	11 33 4 33	5 21 3 19	6 4 0 6	21 47 1 50	21 52 0	43 22 23	0 14	10 32	0 34	16 7 0	20 21 5	2 1 19	15 22	15 45	2 19	1 33	4 47
M27	7 18	17 27 5 4	5 58 3 3	6 34 0 3	21 56 1 50	21 53 0	43 22 24	0 14	10 31	0 34	16 6 0	20 21 5	2 1 19	15 23	15 46	2 22	1 34	4 46
T 28	6 56	22 13 5 15	6 33 2 46	7 5 0s 0	22 5 1 50		43 22 24	0 14	10 31	0 34	16 5 0	20 21 5	2 1 19	15 24	15 47	2 26	1 36	4 46
W29	6 33	25 34 5 6				21 54 0	43 22 24	0 14	10 30	0 34	16 5 0	20 21 5	2 1 19	15 24	15 48	2 29	1 37	4 46
T 30	6 11	27 21 4 40	7 41 2 8		-		43 22 25	0 14	10 30	0 34	16 4 0	20 21 5	2 1 19	15 24	15 49	2 32	1 38	4 46
F 31	5n48	27n31 4n 1	8n12 1s48	8s36 0s10	22 s29 1 s51	21n55 0s	s43 22 s25	0s14	10n29	0 s 3 4	16n 4 0n	20 21n5	2 1s18	15 s24	15 s50	2 s 3 5	1 s39	4n46

Julian Day Number = 2243942.5, Delta T = 07m01s

Ecliptic obliquity = $23^{\circ}30'54$, Nutation = $0^{\circ}00'12$, out-of-bounds declination in red

 $Ayanamsha: Fagan/Bradley = 16^{\circ}48'38, \\ Lahiri = 15^{\circ}55'38 \\ Julian Calendar \\ 1 \\ Aug. \\ 1431 == Greg. \\ Calendar \\ 10 \\ Aug. \\ 1431 == 10^{\circ}48'38 \\ Aug.$

SEPTEMBER 1431 JC 00:00 UT

Day	Sid.t	0	D	ğ	φ	♂	4	ħ)∤(¥	Р	ß	Ω	Ç	ę,	Day
S 1	23 12 43	16 Mp 18'37	119910	4°R 7	22 º 46	2 ₹ 57	14 ∏ 44	18°R51	28°R34	17 Ω 10	9938	18 ≈ 18	16≈48	28 m 43	14°R38	S 1
S 2	23 16 39	17°17'13	23°38	3 m 50	23°58	3°37	14°48	18 궁 50	28 Y 32	17°12	9°38	18°20	16°45	28°50	14) 35	S 2
M 3	23 20 36	18°15'52	5 Ω 52	3°D43	25° 9	4°17	14°53	18°48	28°31	17°14	9°39	18°21	16°42	28°56	14°32	M 3
T 4	23 24 32	19°14'33	17°56	3°45	26°21	4°57	14°57	18°47	28°29	17°16	9°40	18°R22	16°39	29° 3	14°29	T 4
W 5	23 28 29	20°13'16	29°53	3°57	27°32	5°38	15° 1	18°46	28°27	17°18	9°40	18°21	16°36	29°10	14°27	W 5
T 6	23 32 25	21°12'01	11 M)45	4°19	28°44	6°18	15° 5	18°45	28°25	17°20	9°41	18°19	16°33	29°16	14°24	T 6
F 7	23 36 22	22°10'48	23°34	4°51	29°55	6°59	15° 9	18°44	28°24	17°22	9°42	18°15	16°29	29°23	14°21	F 7
S 8	23 40 18	23° 9'37	5 ≏ 24	5°31	1 M 6	7°40	15°12	18°44	28°22	17°24	9°42	18° 9	16°26	29°30	14°18	S 8
S 9	23 44 15	24° 8'28	17°14	6°20	2°18	8°21	15°16	18°43	28°20	17°26	9°43	18° 3	16°23	29°36	14°15	S 9
M10	23 48 12	25° 7'21	29° 8	7°17	3°29	9° 2	15°19	18°42	28°18	17°28	9°43	17°56	16°20	29°43	14°13	M10
T 11	23 52 8	26° 6'16	11 M 8	8°21	4°40	9°43	15°22	18°42	28°16	17°29	9°44	17°49	16°17	29°50	14°10	T 11
W12	23 56 5	27° 5'13	23°16	9°32	5°51	10°24	15°25	18°42	28°14	17°31	9°44	17°44	16°13	29°56	14° 7	W12
T 13	0 0 1	28° 4'12	5 ₹ 35	10°48	7° 3	11° 6	15°27	18°41	28°12	17°33	9°45	17°39	16°10	0 ₾ 3	14° 4	T 13
F 14	0 3 58	29° 3'12	1 <u>8</u> ° 8	12°10	8°14	11°47	15°30	18°41	28°10	17°35	9°45	17°37	16° 7	0°10	14° 2	F 14
S 15	0 7 54	0 ♀ 2'15	1중 0	13°37	9°25	12°29	15°32	18°D41	28° 8	17°37	9°46	17°D36	16° 4	0°16	13°59	S 15
S 16	0 11 51	1° 1'19	14°14	15° 7	10°36	13°11	15°34	18°41	28° 6	17°38	9°46	17°37	16° 1	0°23	13°56	S 16
M17	0 15 47	2° 0'25	27°54	16°41	11°46	13°53	15°36	18°42	28° 4	17°40	9°46	17°38	15°58	0°30	13°54	M17
T 18	0 19 44	2°59'32	11 ≈ 59	18°18	12°57	14°35	15°38	18°42	28° 1	17°42	9°47	17°R39	15°54	0°37	13°51	T 18
W19	0 23 41	3°58'42	26°31	19°56	14° 8	15°17	15°39	18°42	27°59	17°43	9°47	17°39	15°51	0°43	13°49	W19
T 20	0 27 37	4°57'53	11 米 26	21°37	15°19	15°59	15°40	18°43	27°57	17°45	9°47	17°37	15°48	0°50	13°46	T 20
F 21	0 31 34	5°57'06	26°37	23°19	16°29	16°42	15°41	18°43	27°55	17°47	9°48	17°33	15°45	0°57	13°43	F 21
S 22	0 35 30	6°56'21	11 Y 56	25° 2	17°40	17°24	15°42	18°44	27°53	17°48	9°48	17°27	15°42	1° 3	13°41	S 22
S 23	0 39 27	7°55'38	27°10	26°46	18°50	18° 7	15°43	18°45	27°50	17°50	9°48	17°19	15°38	1°10	13°38	S 23
M24	0 43 23	8°54'58	128 9	28°31	20° 1	18°49	15°43	18°45	27°48	17°51	9°48	17°11	15°35	1°17	13°36	M24
T 25	0 47 20	9°54'20	26°45	0 ჲ 16	21°11	19°32	15°44	18°46	27°46	17°53	9°49	17° 4	15°32	1°23	13°33	T 25
W26	0 51 16	10°53'44	10 Ⅲ 54	2° 1	22°21	20°15	15°R44	18°47	27°43	17°55	9°49	16°58	15°29	1°30	13°31	W26
T 27	0 55 13	11°53'10	24°32	3°46	23°32	20°58	15°44	18°49	27°41	17°56	9°49	16°55	15°26	1°37	13°29	T 27
F 28	0 59 10	12°52'39	7 95 42	5°30	24°42	21°41	15°43	18°50	27°39	17°57	9°49	16°D53	15°23	1°43	13°26	F 28
S 29	1 3 6	13°52'10	20°26	7°15	25°52	22°24	15°43	18°51	27°36	17°59	9°49	16°53	15°19	1°50	13°24	S 29
S 30	1 7 3	14 Ω 51'44	2 Ω 50	8 ჲ 59	27 m 2	23 ~ 7	15 Ⅱ 42	18 궁 53	27 Y 34	18 Ω 0	99549	16≈54	15≈16	1 ≙ 57	13 米 22	S 30

Day	0	D		ğ		ç)	С	3'		4	ħ	1);	ł(Ä	ţ.	Е		n	Ω	Ç	Ą	
	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	5n25	26n12 31	n10 8	8n39	1 s29	9s 6	0s14	22 s37	1 s51	21n56	0 s43	22 s25	0s14	10n28	0s34	16n 3	0n20	21n52	1 s 1 8	15 s24	15 s 5 1	2 s 3 9	1 s40	4n46
S 2	5 2	23 36 2	12 9	9 4	1 9	9 35	0 17	22 45	1 51	21 56	0 43	22 25	0 14	10 28	0 34	16 2	0 20	21 52	1 18	15 23	15 52	2 42	1 41	4 46
M 3	4 39	19 58 1	8 9	9 24	0 50	10 5	0 20	22 53	1 51	21 57	0 43	22 26	0 14	10 27	0 34	16 2	0 20	21 52	1 18	15 23	15 53	2 45	1 42	4 46
T 4	4 16			9 41		10 34	0 24	-		21 57		22 26		10 27	0 34	16 1	0 20	-			15 54	2 48	1 44	4 46
W 5	3 53		-	9 53	0 13	_				21 58		22 26		10 26			0 20				15 55	2 52	1 45	4 46
T 6	3 30	5 16 2				-	0 31			21 58		- 1		10 25			0 20		-		15 56	2 55	1 46	4 46
F 7 S 8	3 7	0s12 3	- 1	-	0 20	12 1		23 22		21 58		22 26		10 25 10 24			0 20		-	15 25		2 58	1 47	4 46
3 0	2 43	5 39 3	48 10	0 3	0 34	12 29	0 38	23 29	1 31	21 59	0 43	22 27	0 15	10 24	0 34	15 59	0 20	21 52	1 18	15 26	15 58	3 1	1 48	4 46
S 9	2 20			9 57		12 57	0 41			21 59		22 27		10 23		15 58		21 51	-		15 59	3 5	1 49	4 45
M10	1 57		-	9 47	1 0	13 25	0 45	-	1 51	21 59		-		10 23			0 20	-	-	15 30		3 8	1 51	4 45
T 11	1 33		-	9 34	1 11	13 53	0 48		1 51	22 0		-		10 22			0 20	-	-	15 32		3 11	1 52	4 45
W12 T 13	1 10			9 16	1 20 1 29	14 20		23 54	1 51			22 27		10 21		15 57	0 20			15 34		3 14	1 53	4 45
F 14	0 46 0 23			8 54 8 30	1 36	14 47 15 14	0 56 0 59		1 51 1 51			22 27 22 27		10 20 10 20		15 56 15 56		21 51 21 51		15 35 15 36		3 18 3 21	1 54 1 55	4 45 4 45
S 15	0 23 0s 1			8 2	1 42			24 12	1 51			22 27		10 20		15 55		21 51		15 36		3 24	1 55 1 56	4 45
				_																				
S 16	0 24		-	7 31	1 47	16 6		24 17	1 51			22 27		10 18		15 55		21 51	-	15 36		3 27	1 58	4 45
M17 T 18	0 48			6 58	1 50	16 31	-	24 22		22 1	0 43			10 17		15 54	0 20		-	15 36		3 31	1 59	4 44
W19	1 12			6 23 5 45	1 53 1 55	16 56 17 21		24 2724 32		22 1 22 1		22 27 22 27		10 17 10 16		15 54 15 53			1 18	15 35	16 7	3 34 3 37	2 0 2 1	4 44 4 44
T 20	1 59	5 22 2		5 6	1 56	17 46		24 36		22 1		22 27		10 10		15 53	0 20	-		15 36		3 40	2 2	4 44
F 21	2 22			4 26	1 56	18 10		24 40		22 2		22 27		10 14		15 52		21 51	-		16 10	3 44	2 3	4 44
S 22	2 46			3 44		18 33		24 44		22 2		22 27		10 13		15 52		21 51	-	15 39		3 47	2 4	4 44
S 23	3 9	14 58 4	48 3	3 1	1 53	18 56	1 31	24 48	1 50	22 2	0 43	22 27	0.15	10 13	0.34	15 51	0 20	21 51	1 18	15 42	16 12	3 50	2 6	4 43
M24	3 33		-	2 18	1 51	19 19	1 34	-	1 49		-			10 13			0 20	-	-		16 13	3 53	2 7	4 43
T 25	3 56	-	-	1 34	1 49	19 41	1 38	-	1 49					10 11	0 34		0 20	-	-		16 14	3 57	2 8	4 43
W26	4 20	26 47 4	41 (0 49	1 46	20 3	1 41	24 58	1 49			22 27	0 16	10 10	0 34	15 50	0 20	21 52			16 15	4 0	2 9	4 43
T 27	4 43	27 27 4	3 (0 4	1 42	20 24	1 44	25 1	1 49	22 2	0 43	22 27	0 16	10 9	0 34	15 50	0 20	21 52	1 18	15 49	16 16	4 3	2 10	4 43
F 28	5 6	26 31 3	14 (0 s42			1 48	25 4	1 49	22 2	0 43	22 27	0 16	10 8	0 34	15 49	0 20	21 52	1 18	15 50	16 17	4 6	2 11	4 42
S 29	5 29	24 13 2	17	1 27	1 34	21 5	1 51	25 6	1 48	22 2	0 43	22 27	0 16	10 8	0 34	15 49	0 20	21 52	1 18	15 50	16 18	4 10	2 12	4 42
S 30	5 s52	20n48 11	n15 2	2 s 1 3	1n29	21 s25	1 s54	25 s 8	1 s48	22n 1	0 s43	22 s27	0s16	10n 7	0s34	15n48	0n20	21n52	1 s 1 8	15 s49	16s18	4s13	2s13	4n42

Julian Day Number = 2243973.5, Delta T = 07m01s

Ecliptic obliquity = $23^{\circ}30'54$, Nutation = $0^{\circ}00'12$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°48'42, Lahiri = 15°55'43 Julian Calendar 1 Sept. 1431 == Greg. Calendar 10 Sept. 1431

OCTOBER 1431 JC 00:00 UT

UCIU	DEN T-	TOT OC													00.0	0 01
Day	Sid.t	0	D	ğ	P	ð	4	ħ)Å(并	В	v	ಬ	Ç	ę,	Day
M 1	1 10 59	15 ≏ 51'20	14 Ω 59	10 ≏ 43	28 M .12	23 × 751	15°R41	18 궁 54	27°R32	18 N 2	99549	16°R54	15≈13	2 ₾ 3	13°R19	M 1
T 2	1 14 56	16°50'58	26°56	12°26	29°22	24°34	15 Ⅱ 40	18°56	27 Υ 29	18° 3	9°R49	16≈54	15°10	2°10	13 米 17	T 2
W 3	1 18 52	17°50'38	8 m /47	14° 9	0 ₹ 31	25°18	15°39	18°58	27°27	18° 4	9°49	16°51	15° 7	2°17	13°15	W 3
T 4	1 22 49	18°50'20	20°35	15°51	1°41	26° 1	15°37	18°59	27°24	18° 6	9°49	16°46	15° 4	2°23	13°13	T 4
F 5	1 26 45	19°50'05	2 ≏ 24	17°33	2°51	26°45	15°35	19° 1	27°22	18° 7	9°49	16°38	15° 0	2°30	13°11	F 5
S 6	1 30 42	20°49'51	14°16	19°14	4° 0	27°29	15°33	19° 3	27°19	18° 8	9°49	16°28	14°57	2°37	13° 8	S 6
S 7	1 34 38	21°49'40	26°12	20°55	5°10	28°13	15°31	19° 6	27°17	18° 9	9°49	16°16	14°54	2°44	13° 6	S 7
M 8	1 38 35	22°49'31	8 M .13	22°35	6°19	28°56	15°29	19° 8	27°15	18°11	9°49	16° 3	14°51	2°50	13° 4	M 8
T 9	1 42 32	23°49'23	20°22	24°15	7°28	2 <u>9</u> °41	15°26	19°10	27°12	18°12	9°49	15°50	14°48	2°57	13° 2	T 9
W10	1 46 28	24°49'18	2 ₹ 39	25°54	8°37	0 궁 25	15°24	19°13	27°10	18°13	9°49	15°39	14°44	3° 4	13° 0	W10
T 11	1 50 25	25°49'14	15° 5	27°32	9°46	1° 9	15°21	19°15	27° 7	18°14	9°48	15°30	14°41	3°10	12°59	T 11
F 12	1 54 21	26°49'12	27°43	29°10	10°55	1°53	15°17	19°18	27° 5	18°15	9°48	15°24	14°38	3°17	12°57	F 12
S 13	1 58 18	27°49'12	10 궁 36	0 M .47	12° 4	2°37	15°14	19°20	27° 2	18°16	9°48	15°20	14°35	3°24	12°55	S 13
S 14	2 2 14	28°49'14	23°45	2°24	13°13	3°22	15°11	19°23	27° 0	18°17	9°48	15°D19	14°32	3°30	12°53	S 14
M15	2 6 1 1	29°49'17	7≈15	4° 1	14°21	4° 6	15° 7	19°26	26°57	18°18	9°47	15°19	14°29	3°37	12°52	M15
T 16	2 10 8	0 M 49'21	21° 8	5°37	15°30	4°51	15° 3	19°29	26°55	18°19	9°47	15°R19	14°25	3°44	12°50	T 16
W17	2 14 4	1°49'28	5 ₩ 24	7°12	16°38	5°36	14°59	19°32	26°52	18°20	9°47	15°18	14°22	3°50	12°48	W17
T 18	2 18 1	2°49'35	20° 2	8°47	17°46	6°20	14°55	19°35	26°50	18°21	9°46	15°14	14°19	3°57	12°47	T 18
F 19	2 21 57	3°49'44	4Υ 58	10°22	18°54	7° 5	14°50	19°39	26°47	18°22	9°46	15° 8	14°16	4° 4	12°45	F 19
S 20	2 25 54	4°49'55	20° 6	11°56	20° 2	7°50	14°46	19°42	26°45	18°22	9°46	14°59	14°13	4°11	12°44	S 20
S 21	2 29 50	5°50'08	5 8 15	13°30	21°10	8°35	14°41	19°45	26°43	18°23	9°45	14°48	14°10	4°17	12°42	S 21
M22	2 33 47	6°50'23	20°14	15° 3	22°18	9°20	14°36	19°49	26°40	18°24	9°45	14°36	14° 6	4°24	12°41	M22
T 23	2 37 43	7°50'39	4 Ⅱ 55	16°36	23°25	10° 5	14°31	19°52	26°38	18°25	9°44	14°25	14° 3	4°31	12°40	T 23
W24	2 41 40	8°50'58	19° 9	18° 9	24°32	10°50	14°26	19°56	26°35	18°25	9°44	14°16	14° 0	4°37	12°38	W24
T 25	2 45 36	9°51'18	2955	19°41	25°39	11°35	14°20	20° 0	26°33	18°26	9°43	14° 9	13°57	4°44	12°37	T 25
F 26	2 49 33	10°51'40	16°11	21°14	26°46	12°20	14°15	20° 4	26°31	18°27	9°43	14° 5	13°54	4°51	12°36	F 26
S 27	2 53 30	11°52'05	29° 0	22°45	27°53	13° 5	14° 9	20° 8	26°28	18°27	9°42	14° 4	13°50	4°57	12°35	S 27
S 28	2 57 26	12°52'31	11 Ω 26	24°17	29° 0	13°50	14° 3	20°12	26°26	18°28	9°41	14° 3	13°47	5° 4	12°34	S 28
M29	3 1 23	13°52'59	23°35	25°48	0중 6	14°36	13°57	20°16	26°24	18°28	9°41	14° 3	13°44	5°11	12°33	M29
T 30	3 5 19	14°53'29	5 m/32	27°19	1°12	15°21	13°51	20°20	26°21	18°29	9°40	14° 2	13°41	5°17	12°32	T 30
W31	3 9 16	15 M .54'00	17 m 22	28 M .49	2 ਰ 18	16 궁 6	13 Ⅱ 44	20 ට 24	26 Y 19	$18\Omega 29$	99540	13 ≈ 59	13 ≈ 38	5 ≏ 24	12 ∺ 31	W31

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	decl	decl lat	decl lat	decl lat	decl lat	decl lat	decl	lat	decl	lat	decl lat	decl lat	dec	decl	decl	decl la	at
M 1	6 s 1 5						s43 22 s26		10n 6				18 15 s49		4s16	-	4n42
T 2	6 38			-	25 12 1 48		43 22 26						18 15 49		4 19		4 42
W 3	7 1	6 32 1 54	-	13 22 20 2 4			43 22 26		-				18 15 50		4 22	-	4 41
T 4 F 5	7 24	1 9 2 50		7 22 38 2 7			43 22 26				15 47 0 2		17 15 52		4 26		4 41
F 5 S 6	7 47 8 9	4s17 3 38 9 34 4 16			25 15 1 47 25 16 1 47		44 22 26 44 22 25		-				17 15 54 17 15 57		4 29 4 32	-	4 41 4 41
S 7	8 32	14 33 4 44			25 16 1 46	5 22 0 0	44 22 25	0 16	10 1	0 34			17 16	16 25	4 35	2 20	4 40
M 8	8 54	19 0 4 59	8 9 0 4	43 23 42 2 18			44 22 25		10 0					16 26	4 38	2 21	4 40
T 9	9 16	22 43 5 1	8 52 0 3	36 23 57 2 21	25 17 1 40	22 0 0	44 22 25	0 16	9 59	0 34	15 45 0 2	0 21 52 1	17 16 8	16 27	4 42	2 22	4 40
W10	9 39	25 28 4 49	9 34 0 3	30 24 11 2 24	25 16 1 45	21 59 0	44 22 24	0 16	9 58	0 34	15 45 0 2	0 21 52 1	17 16 12	16 28	4 45	2 23	4 40
T 11	10 0	27 2 4 2 3	10 16 0 2	23 <mark>24 24</mark> 2 27	25 16 1 45	21 59 0	43 22 24	0 16	9 57	0 34	15 44 0 2	1 21 52 1	17 16 14	16 29	4 48	2 24	4 39
F 12	10 22	27 14 3 44	10 57 0	16 24 37 2 29	25 15 1 45	21 59 0	43 22 24	0 16	9 56	0 34	15 44 0 2	1 21 52 1	17 16 16	16 30	4 51	2 25	4 39
S 13	10 44	25 58 2 53	11 38 0	10 24 49 2 32	25 14 1 44	21 58 0	43 22 23	0 16	9 55	0 34	15 44 0 2	1 21 52 1	17 16 17	16 31	4 55	2 26	4 39
S 14							43 22 23						17 16 18		4 58		4 39
M15	11 27						43 22 23					_	17 16 18		5 1	-	4 38
T 16 W17	11 48 12 9	14 1 0n31 7 57 1 44					43 22 22 43 22 22		9 53	0 34			17 16 18		5 4		4 38 4 38
T 18	12 9 12 29	7 57 1 44 1 19 2 53					43 22 21	0 17	9 52 9 51	0 34		_	17 16 18 17 16 19		5 7 5 11		4 38
F 19	12 50			30 25 47 2 45			43 22 21	0 17					17 16 1		5 14	-	4 37
S 20	13 10						43 22 21						17 16 24		5 17		4 37
S 21	13 31	17 57 4 56	16 38 0 4	43 26 1 2 49	24 55 1 4	21 55 0	43 22 20	0 17	9 48	0 34	15 42 0 2	1 21 53 1	17 16 2	16 38	5 20	2 33	4 37
M22	13 50	22 39 4 59	17 12 0 5	50 26 7 2 50	24 52 1 4	21 54 0	43 22 20	0 17	9 48	0 34	15 41 0 2	1 21 53 1	17 16 30	16 39	5 23	2 34	4 36
T 23	14 10	25 48 4 42	17 45 0 5	56 26 13 2 52	24 48 1 40	21 54 0	43 22 19	0 17	9 47	0 34	15 41 0 2	1 21 53 1	17 16 33	16 40	5 26	2 35	4 36
W24	14 30	27 11 4 7	18 17 1	2 26 17 2 54	24 44 1 40	21 53 0	43 22 19	0 17	9 46	0 34	15 41 0 2	1 21 53 1	17 16 30	16 41	5 30	2 35	4 36
T 25	14 49		18 49 1				43 22 18		9 45	0 34			17 16 38		5 33		4 36
F 26							43 22 18		-				17 16 39		5 36		4 35
S 27	15 27	21 43 1 19	19 49 1 2	20 26 27 2 57	24 30 1 38	3 21 51 0	43 22 17	0 17	9 43	0 34	15 41 0 2	1 21 53 1	17 16 40	16 43	5 39	2 37	4 35
S 28	15 45	17 38 0 14	20 17 1 2	26 <mark>26 29</mark> 2 58	24 25 1 38	21 51 0	43 22 17	0 17	9 42	0 34	15 40 0 2	1 21 53 1	17 16 40	16 44	5 42	2 38	4 35
M29	16 3	12 55 0s50	20 45 1 3			21 50 0	43 22 16	0 17					17 16 40		5 46	2 39	4 34
	16 21		21 11 1 3				43 22 15		-				17 16 40		5 49		4 34
W31	16 s39	2n27 2s46	21 s37 1 s4	42 26s31 3s 1	24 s 8 1 s 36	21n49 0s	s43 22 s15	0s17	9n40	0s34	15n40 0n2	1 21n53 1s	17 16s4	16s47	5 s 5 2	2 s40	4n34

Julian Day Number = 2244003.5, Delta T = 07m01s

Ecliptic obliquity = $23^{\circ}30'54$, Nutation = $0^{\circ}00'11$, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°48'46, Lahiri = 15°55'47 Julian Calendar 1 Oct. 1431 == Greg. Calendar 10 Oct. 1431

NOVEMBER 1431 JC 00:00 UT

Day	Sid.t	0	D	Ϋ́	φ	♂	4	ħ)∤(卉	Р	ß	Ω	Ç	ę,	Day
T 1	3 13 12	16M54'34	29 m 10	0 ∡ 120	3 ට 24	16 ප 52	13°R38	20중28	26°R17	18 Ω 30	9°R39	13°R53	13≈35	5 ≏ 31	12°R30	T 1
F 2	3 17 9	17°55'09	11 호 0	1°50	4°30	17°37	13 II 31	20°33	26 Y 14	18°30	9938	13≈44	13°31	5°38	12 米 29	F 2
S 3	3 21 5	18°55'46	22°56	3°19	5°35	18°23	13°24	20°37	26°12	18°30	9°37	13°33	13°28	5°44	12°29	S 3
S 4	3 25 2	19°56'25	4 M .59	4°48	6°40	19° 9	13°17	20°42	26°10	18°31	9°37	13°19	13°25	5°51	12°28	S 4
M 5	3 28 59	20°57'05	17°11	6°17	7°45	19°54	13°10	20°46	26° 8	18°31	9°36	13° 5	13°22	5°58	12°27	M 5
T 6	3 32 55	21°57'47	29°33	7°45	8°50	20°40	13° 3	20°51	26° 6	18°31	9°35	12°50	13°19	6° 4	12°27	T 6
W 7	3 36 52	22°58'30	12 × 5	9°13	9°55	21°26	12°56	20°56	26° 4	18°31	9°34	12°37	13°16	6°11	12°26	W 7
T 8	3 40 48	23°59'14	24°47	10°41	10°59	22°11	12°49	21° 1	26° 1	18°31	9°34	12°27	13°12	6°18	12°26	T 8
F 9	3 44 45	25° 0'00	7 云 40	12° 8	12° 3	22°57	12°41	21° 6	25°59	18°32	9°33	12°20	13° 9	6°24	12°26	F 9
S 10	3 48 41	26° 0'47	20°44	13°34	13° 6	23°43	12°34	21°11	25°57	18°32	9°32	12°16	13° 6	6°31	12°25	S 10
S 11	3 52 38	27° 1'34	4≈ 1	14°59	14°10	24°29	12°26	21°16	25°55	18°32	9°31	12°14	13° 3	6°38	12°25	S 11
M12	3 56 35	28° 2'23	17°31	16°24	15°13	25°15	12°19	21°21	25°53	18°R32	9°30	12°D14	13° 0	6°44	12°25	M12
T 13	4 0 31	29° 3'13	1) 17	17°47	16°16	26° 1	12°11	21°26	25°51	18°32	9°29	12°R14	12°56	6°51	12°25	T 13
W14	4 4 28	0 , ₹'03	15°20	19°10	17°18	26°47	12° 3	21°31	25°49	18°32	9°28	12°13	12°53	6°58	12°25	W14
T 15	4 8 24	1° 4'55	29°39	20°31	18°20	27°33	11°55	21°37	25°48	18°32	9°27	12°10	12°50	7° 5	12°D25	T 15
F 16	4 12 21	2° 5'47	14 Y 13	21°50	19°22	28°19	11°47	21°42	25°46	18°32	9°26	12° 4	12°47	7°11	12°25	F 16
S 17	4 16 17	3° 6'40	28°56	23° 8	20°23	29° 5	11°39	21°47	25°44	18°31	9°25	11°56	12°44	7°18	12°25	S 17
S 18	4 20 14	4° 7'34	13 8 42	24°24	21°24	29°51	11°31	21°53	25°42	18°31	9°24	11°46	12°41	7°25	12°25	S 18
M19	4 24 10	5° 8'29	28°24	25°37	22°25	0≈37	11°23	21°59	25°40	18°31	9°23	11°35	12°37	7°31	12°25	M19
T 20	4 28 7	6° 9'25	12Ⅲ52	26°48	23°25	1°23	11°15	22° 4	25°39	18°31	9°22	11°25	12°34	7°38	12°25	T 20
W21	4 32 4	7°10'22	27° 0	27°56	24°24	2° 9	11° 7	22°10	25°37	18°31	9°21	11°16	12°31	7°45	12°26	W21
T 22	4 36 0	8°11'21	109544	29° 0	25°24	2°56	10°59	22°16	25°35	18°30	9°20	11°10	12°28	7°51	12°26	T 22
F 23	4 39 57	9°12'20	24° 2	0 る	26°22	3°42	10°51	22°21	25°34	18°30	9°19	11° 6	12°25	7°58	12°26	F 23
S 24	4 43 53	10°13'20	6 Ω 54	0°55	27°21	4°28	10°42	22°27	25°32	18°30	9°18	11°D 4	12°22	8° 5	12°27	S 24
S 25	4 47 50	11°14'22	19°25	1°45	28°19	5°14	10°34	22°33	25°31	18°29	9°17	11° 5	12°18	8°12	12°27	S 25
M26	4 51 46	12°15'24	1 m 37	2°29	29°16	6° 0	10°26	22°39	25°29	18°29	9°16	11° 5	12°15	8°18	12°28	M26
T 27	4 55 43	13°16'27	13°37	3° 6	0≈13	6°47	10°18	22°45	25°28	18°28	9°15	11°R 6	12°12	8°25	12°29	T 27
W28	4 59 39	14°17'32	25°28	3°35	1° 9	7°33	10°10	22°51	25°26	18°28	9°14	11° 5	12° 9	8°32	12°29	W28
T 29	5 3 36	15°18'37	7 ≏ 18	3°56	2° 5	8°19	10° 2	22°57	25°25	18°27	9°13	11° 2	12° 6	8°38	12°30	T 29
F 30	5 7 33	16 × 19'43	19 ≏ 10	4궁 7	3≈ 0	9≈ 5	9 Ⅱ 54	23중 3	25 Y 24	18 Ω 27	99512	10≈57	12≈ 2	8 ≏ 45	12) 31	F 30

Day	0	D	Š	5 (φ.	♂	2	+	ħ	1)į	β(¥		Р		n	Ω	ţ	ķ	
	decl	decl lat	decl	lat decl	lat dec	lat	decl	lat	decl	lat	decl	lat	decl la	t	decl la	at	decl	decl	decl	decl	lat
T 1 F 2 S 3	16 s 5 6 17 14 17 3 0	8 14 4	34 22 s 2 13 22 25 41 22 47		3 2 23 55	1 35	21n48 21 47 21 46	0 43	22 s14 22 14 22 13	0s17 0 18 0 18	9n39 9 38 9 38	0 34	15 40	21	21 53	1 17	16 45	16 s48 16 49 16 50	5 s 5 5 5 6 1	2 s41 2 41 2 42	4n34 4 33 4 33
S 4 M 5 T 6 W 7	18 3	21 47 4 24 47 4	56 23 8 59 23 28 47 23 47 22 24 4	2 1 26 23 2 5 26 19 2 8 26 15 2 12 26 10	3 3 23 33 3 2 23 27	1 34	21 46 21 45 21 44 21 43	0 43 0 42	22 12 22 12 22 11 22 10	0 18 0 18 0 18 0 18	9 37 9 36 9 35 9 34	0 34 0 34	15 40 15 40	0 21 2	21 54 21 54	-	17 1	16 51 16 52 16 53 16 54	6 5 6 8 6 11 6 14	2 42 2 43 2 43 2 44	4 33 4 32 4 32 4 32
T 8 F 9 S 10	19 19	26 9 2 23 44 1	43 24 20 52 24 35 51 24 49	2 20 25 52	3 1 23 3 3 1 22 55	3 1 31 5 1 31	21 42 21 42 21 41	0 42 0 42	22 8	0 18 0 18 0 18	9 34 9 33 9 32	0 33 0 33	15 39 15 39	0 21 2	21 54 21 54		17 9 17 11	16 54 16 55 16 56	6 17 6 20 6 23	2 44 2 45 2 45	4 31 4 31 4 31
S 11 M12 T 13 W14 T 15 F 16 S 17	20 1 20 14 20 26 20 39	15 11 0n 9 30 1 3 15 2 3n17 3 9 44 4	43 25 1 128 25 12 39 25 21 46 25 29 43 25 35 28 25 40 55 25 44	2 22 25 44 2 23 25 36 2 25 25 28 2 25 25 8 2 25 25 8 2 25 24 58 2 24 24 47	2 59 22 3° 2 58 22 28 2 56 22 19 2 55 22 9	7 1 30 8 1 29 9 1 28 9 1 28 9 1 27	21 40 21 39 21 38 21 37 21 36 21 35 21 34	0 42 0 42 0 42 0 42 0 42 0 42 0 41	22 7 22 6 22 5 22 4 22 4	0 18 0 18 0 18 0 18 0 18 0 18 0 18	9 32 9 31 9 30 9 29 9 29 9 28 9 28	0 33 0 33 0 33 0 33 0 33	15 39 (15 39 (15 39 (15 40 (15	0 21 2 0 21 2 0 21 2 0 21 2 0 21 2	21 54 21 55 21 55 21 55 21 55	1 16 1 16 1 16 1 16 1 16	17 11	17 1 17 2	6 27 6 30 6 33 6 36 6 39 6 42 6 45	2 45 2 46 2 46 2 46 2 47 2 47 2 47	4 30 4 30 4 30 4 29 4 29 4 29 4 29
M19 T 20 W21 T 22	21 13 21 24 21 35 21 45 21 54	24 34 4 26 41 4 27 1 3 25 39 2 22 51 1	2 25 45 49 25 46 18 25 45 32 25 42 34 25 37 30 25 32 22 25 25	2 19 24 24 2 16 24 11 2 12 23 58 2 7 23 44 2 1 23 30	2 47 21 28 2 45 21 1 2 42 21 0 2 39 20 53 2 37 20 4	3 1 25 7 1 25 6 1 24 6 1 23 1 23	21 33 21 32 21 31 21 30 21 29 21 28 21 27	0 41 0 41	22 1	0 18 0 18 0 18 0 19 0 19 0 19 0 19	9 26 9 26 9 25 9 25 9 24	0 33 0 33 0 33 0 33 0 33	15 40 0 15 40 0 15 40 0 15 40 0 15 40 0	0 21 2 0 21 2 0 21 2 0 21 2 0 22 2	21 55 21 55 21 55 21 56 21 56	1 16 1 16 1 16 1 16 1 16	17 19 17 22 17 25 17 27 17 29 17 30 17 30	17 4 17 5 17 6 17 7 17 8	6 49 6 52 6 55 6 58 7 1 7 4 7 7	2 48 2 48 2 48 2 48 2 48 2 48 2 49	4 28 4 28 4 28 4 27 4 27 4 27 4 26
S 25 M26 T 27 W28 T 29 F 30	22 20 22 28 22 35 22 42	9 15 1 3 56 2 1 s 29 3 6 48 4	344 25 16 48 25 6 45 24 54 35 24 42 15 24 28 344 24s13	1 36 22 45 1 26 22 30 1 14 22 13 1 1 21 57	2 23 19 50 2 19 19 43 2 15 19 3	3 1 21 5 1 20 8 1 19 1 19	21 26 21 25 21 24 21 23 21 22 21n21	0 40 0 40 0 40 0 40	21 56 21 55 21 54 21 53 21 52 21 s51	0 19 0 19 0 19 0 19 0 19 0 s19	9 22 9 22 9 21 9 21	0 33 0 33 0 33 0 33	15 41 (15	0 22 2 0 22 2 0 22 2 0 22 2	21 56 21 56 21 56 21 56	1 16 1 16 1 15 1 15	17 30 17 30 17 30 17 31	17 10 17 11 17 12 17 12 17 13 17 s14	7 10 7 14 7 17 7 20 7 23 7 s26	2 49 2 49 2 49 2 49 2 49 2 s49	4 26 4 26 4 25 4 25 4 25 4 25 4n24

Julian Day Number = 2244034.5, Delta T = 07m01s

Ecliptic obliquity = 23°30'54, Nutation = 0°00'11, out-of-bounds declination in red
Ayanamsha: Fagan/Bradley = 16°48'50, Lahiri = 15°55'51 Julian Calendar 1 Nov. 1431 == Greg. Calendar 10 Nov. 1431

DECEMBER 1431 JC 00:00 UT

Day	Sid.t	0	D	ğ	·	ð	4	ħ)∤(¥	Р	₽.	v	Ç	ķ	Day
S 1	5 11 29	17 × 720'50	1 M 9	4°R 7	3≈54	9≈52	9°R45	23 궁 10	25°R22	18°R26	9°R10	10°R50	11≈59	8 ₾ 52	12 ∺ 32	S 1
S 2	5 15 26	18°21'58	13°19	3 궁 57	4°48	10°38	9Д37	23°16	25 Y 21	18 Ω 25	995 9	10≈41	11°56	8°58	12°33	S 2
M 3	5 19 22	19°23'07	25°40	3°34	5°41	11°24	9°29	23°22	25°20	18°25	9° 8	10°30	11°53	9° 5	12°34	M 3
T 4	5 23 19	20°24'16	8 √ 16	3° 1	6°34	12°11	9°22	23°29	25°19	18°24	9° 7	10°21	11°50	9°12	12°35	T 4
W 5	5 27 15	21°25'26	21° 6	2°15	7°25	12°57	9°14	23°35	25°18	18°23	9° 6	10°12	11°47	9°19	12°36	W 5
T 6	5 31 12	22°26'37	4궁 9	1°19	8°16	13°44	9° 6	23°41	25°17	18°23	9° 5	10° 5	11°43	9°25	12°37	T 6
F 7	5 35 8	23°27'47	17°24	0°14	9° 6	14°30	8°58	23°48	25°16	18°22	9° 3	10° 0	11°40	9°32	12°38	F 7
S 8	5 39 5	24°28'58	0≈50	29🗖 0	9°56	15°16	8°51	23°54	25°15	18°21	9° 2	9°57	11°37	9°39	12°40	S 8
S 9	5 43 2	25°30'09	14°27	27°41	10°44	16° 3	8°43	24° 1	25°14	18°20	9° 1	9°D57	11°34	9°45	12°41	S 9
M10	5 46 58	26°31'20	28°12	26°19	11°32	16°49	8°36	24° 7	25°13	18°19	9° 0	9°58	11°31	9°52	12°42	M10
T 11	5 50 55	27°32'31	12) 6	24°57	12°19	17°35	8°28	24°14	25°12	18°18	8°58	9°59	11°28	9°59	12°44	T 11
W12	5 54 51	28°33'42	26° 8	23°38	13° 5	18°22	8°21	24°21	25°12	18°17	8°57	10°R 0	11°24	10° 5	12°45	W12
T 13	5 58 48	29°34'53	10 Υ 17	22°23	13°49	19°8	8°14	24°27	25°11	18°16	8°56	10° 0	11°21	10°12	12°47	T 13
F 14	6 2 44	0 ට 36'04	24°32	21°16	14°33	19°55	8° 7	24°34	25°10	18°15	8°55	9°58	11°18	10°19	12°49	F 14
S 15	6 641	1°37'14	8 8 50	20°17	15°16	20°41	8° 0	24°41	25°10	18°14	8°53	9°53	11°15	10°26	12°50	S 15
S 16	6 10 37	2°38'24	23° 7	19°28	15°57	21°27	7°53	24°48	25° 9	18°13	8°52	9°48	11°12	10°32	12°52	S 16
M17	6 14 34	3°39'34	7 Ⅱ 19	18°49	16°37	22°14	7°47	24°54	25° 9	18°12	8°51	9°42	11°8	10°39	12°54	M17
T 18	6 18 31	4°40'44	21°21	18°20	17°16	23° 0	7°40	25° 1	25° 8	18°11	8°50	9°36	11° 5	10°46	12°55	T 18
W19	6 22 27	5°41'54	5 95 8	18° 1	17°54	23°46	7°34	25° 8	25° 8	18°10	8°48	9°31	11° 2	10°52	12°57	W19
T 20	6 26 24	6°43'04	18°37	17°D52	18°30	24°33	7°27	25°15	25° 8	18° 9	8°47	9°28	10°59	10°59	12°59	T 20
F 21	6 30 20	7°44'14	1 Ω 46	17°53	19° 5	25°19	7°21	25°22	25° 7	18° 8	8°46	9°26	10°56	11° 6	13° 1	F 21
S 22	6 34 17	8°45'23	14°35	18° 2	19°39	26° 5	7°15	25°29	25° 7	18° 7	8°45	9°D26	10°53	11°13	13° 3	S 22
S 23	6 38 13	9°46'32	27° 6	18°18	20°11	26°52	7°10	25°36	25° 7	18° 5	8°43	9°27	10°49	11°19	13° 5	S 23
M24	6 42 10	10°47'42	9 m 20	18°43	20°41	27°38	7° 4	25°43	25° 7	18° 4	8°42	9°29	10°46	11°26	13° 7	M24
T 25	6 46 7	11°48'51	21°22	19°13	21°10	28°24	6°58	25°50	25° 7	18° 3	8°41	9°31	10°43	11°33	13° 9	T 25
W26	6 50 3	12°50'00	3 ≏ 16	19°50	21°37	29°10	6°53	25°57	25°D 7	18° 2	8°40	9°32	10°40	11°39	13°12	W26
T 27	6 54 0	13°51'09	15° 7	20°31	22° 3	29°57	6°48	26° 4	25° 7	18° 0	8°38	9°R32	10°37	11°46	13°14	T 27
F 28	6 57 56	14°52'18	27° 0	21°18	22°26	0) 43	6°43	26°11	25° 7	17°59	8°37	9°32	10°34	11°53	13°16	F 28
S 29	7 1 53	15°53'27	9 M 1	22° 9	22°48	1°29	6°38	26°18	25° 7	17°58	8°36	9°30	10°30	11°59	13°19	S 29
S 30	7 5 49	16°54'36	21°12	23° 3	23° 8	2°15	6°33	26°25	25° 7	17°56	8°35	9°27	10°27	12° 6	13°21	S 30
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S 2	23 0	20 44	5 5	23 41	0 13	21 5	2 1	18 51	1 17	21 19	0 39	21 49	0 19	9 20	0 33	15 42	0 22	21 57	1 15	17 37	17 16	7 32	2 49	4 24
M 3	23 5			-		20 47		18 38		21 18		21 48	0 19	9 19		15 42		21 57		17 40		7 35	2 48	4 24
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M10	23 28	10 37	1 37	21 10	2 18	18 33	1 14	16 58	1 11	21 11	0 38	21 41	0 20	9 17	0 33	15 44	0 22	21 58	1 15	17 48	17 23	7 57	2 47	4 21
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T 13 F 14	23 31	8 13 14 10	4 30 4 59			17 33 17 13		16 13 15 58		21 8 21 7		21 37 21 36	0 20 0 20	9 16 9 16		15 45 15 45		21 58 21 58		17 48	17 26	8 6 8 9	2 46 2 46	4 20 4 20
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M17	23 28	26 7	4 35	19 52	3 11	16 12	0 19	15 11	1 6	21 4	0 37	21 33	0 20	9 16	0 32	15 46	0 22	21 59	1 14	17 53	17 29	8 18	2 45	4 19
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S 23	23 9	11 2	1 35	20 16	2 45	14 11	0 39	13 33	1 1	21 0	0 35	21 25	0 20	9 15	0 32	15 48	0 22	22 0	1 14	17 57	17 34	8 37	2 42	4 18
M24	23 4	5 41	2 37	20 26	2 37	13 52		13 17		20 59		21 24	0 20	9 15		15 49	0 22	22 0	1 14	17 56	17 35	8 40	2 41	4 17
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W26	22 54			20 48	2 20		1 12	_		20 57		21 22	0 21	9 15			0 22			17 55		8 46	-	4 17
T 27		10 22	4 46		2 11			12 26		20 57		21 20	0 21	9 15		15 50	0 22				17 38	8 49	-	4 17
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	-	25 s38	-	21 s49		11 58 11 s40		11 34 11 s17		20 55 20n54		21 17 21 s15		9 15 9n15		15 51 15n52		22 1 22n 1			17 s41	8 38 9s 1	2 s37	-

Julian Day Number = 2244064.5, Delta T = 07m01s

Ecliptic obliquity = 23°30'53, Nutation = 0°00'12, out-of-bounds declination in red

Ayanamsha: Fagan/Bradley = 16°48'55, Lahiri = 15°55'55 Julian Calendar 1 Dec. 1431 == Greg. Calendar 10 Dec. 1431